ADDENDUM
NO. 2

March 23, 2023

North Central High School Additions and Renovations – Phase 3
1801 East 86th Street
Indianapolis, IN 46240

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and the Drawings dated March 22, 2023, by Schmidt Associates. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 2-1 through ADD 2-2 and attached Schmidt Associates Addendum No. 2.3, dated March 22, 2023, consisting of eighteen (18) Addendum pages; revised Specification Sections 087100 Door Hardware and 238413.29 Self Contained Steam Humidifiers; added Specification Sections 084513 Structured-Polycarbonate-Panel Assemblies, 101400 Signage, 220533 Heat Tracing For Plumbing Piping, 274100 General Conditions For Audio-Video Systems, 274110 Training For Audio-Video Systems, 274116.61 Integrated Audio-Video Systems And Equipment For Theaters, and 74125 Audio-Video Control Systems; and Addendum 2 Drawings: CL 100.3, CL101.3, CL 102.3, CL103.3, CL104.3, CU101.3, CU102.3, CU103.3, SD1L1.3, SF1L1.3, SF1L3.3, SF1P3.3, SL1S1.3, SF1AA1.3, S-303.3, S-304.3, S-305.3, S-308.3, S-309.3, S-502.3, S-528.3, S-531.3, S-532.3, S-533.3, AD1B1.3, AD1J1.3, AD1K1.3, AD1P1.3, AF1B1.3, AF1F2.3, AF1J1.3, AF1K1.3, AF1P1.3, AF1S2.3, AC1J1.3, A-320.3, A-400.3, A-500.3, A-520.3, A-600.3, A-601.3, A-602.3, IN1B1.3, IN1C1.3, IN1K2.3, IN1L1.3, IN1M2.3, IN1P1.3, IN1S1.3, I-213.3, I-407.3, I-501.3, PF1A0.3, PF1B0.3, PF1B1.3, PF1C0.3, PF1C1.3, PF1G1.3, PF1G2.3, PF1H0.3, PF1H1.3, PF1H2.3, PF1Q0.3, PF1Q1.3, PF1Q2.3, PF1R0.3, PF1R1.3, PF1R2.3, P-901.3, P-902.3, P-903.3, E-001.3, ED1E2.3, ED1S1.3, ED1U1.3, ED1U2.3, EL1BC1.3, EL1BC2.3, EL1D1.3, EL1D2.3, EL1E1.3, EL1F2.3, EL1J1.3, EL1J2.3, EL1K1.3, EL1K2.3, EL1L1.3, EL1M1.3, EL1M2.3, EL1P1.3, EL1P2.3, EL1Q2.3, EL1R1.3, EL1S1.3, EL1U1.3, EL1U2.3, EL1AA1.3, EP1E2.3, EP1J1.3, EP1Q2.3, EP1S1.3, EP100.3, EP104.3, EP105.3, EF1AA2.3, TD1A1.3, TD1A2.3, TD1B1.3, TD1C1.3, TD1C2.3, TD1D1.3, TD1D2.3, TD1E1.3, TD1E2.3, TD1F1.3, TD1F2.3, TD1G1.3, TD1G2.3, TD1H1.3, TD1H2.3, TD1J1.3, TD1J2.3, TD1K1.3, TD1K2.3, TD1L1.3, TD1M1.3, TD1M2.3, TD1N1.3, TD1N2.3, TD1P1.3, TD1P2.3, TD1Q1.3,

TD1Q2.3, TD1R1.3, TD1R2.3, TD1S1.3, TD1S2.3, TD1T1.3, TD1T2.3, TD1U1.3, TD1V1.3, TF2G1.3, TF2H1.3, TF2K1.3, TF2N2.3, TF2P1.3, TF2Q1.3, T316.3, T317.3, T318.3, T336.3, T337.3, T338.3, T340.3, T341.3, T342.3, T343.2, T343.3, T344.3, T345.3, T500.3, T501.3, T502.3, T503.3, T504.3.

A. SPECIFICATION SECTION 00 20 00 – INFORMATION AVAILABLE TO BIDDERS

Reference link and credentials below for Point Cloud access:

Link: https://precisionpoint-2.iv.navvis.com/?site=1447445386770191&vlon=0.00&vlat=0.00&fov=95.0&image=1033310173268804

Login: Schmidtbidder
Password: NorthCentral

B. SPECIFICATION SECTION 01 12 00 – MULTIPLE CONTRACT SUMMARY

3.03 Bid Categories

M. BID CATEGORY NO. 13 – SPECIALTIES & EQUIPMENT

Add the following specification section:
Section 10 14 00 Signage

Q. BID CATEGORY NO. 17 – PLUMBING

Add the following specification section:

Section 22 05 33 Heat Tracing for Plumbing Piping

R. BID CATEGORY NO. 18 - HVAC

Add the following specification section:

Section 23 84 13.29 Self-Contained Steam Humidifiers

C. SPECIFICATION SECTION 01 23 00 – ALTERNATES

1.04 SCHEDULE OF ALTERNATES

Revise the following Alternate:

E. ALTERNATE NO. 5: General Classrooms Interior Finishes
State the cost to provide interior finish upgrades and electrical receptacles and plates, in General Classrooms noted, as indicated in the Contract Documents. State the cost to replace electrical receptacles and plates in rooms with no finish work as identified in the E-Series Drawings of the Contract Documents.

Add the following Alternate:

M. ALTERNATE NO. 13: Penthouse and Tunnel Door Replacement
State the cost to replace the Penthouse and Tunnel doors identified in the Contract Documents.

ADDENDUM NO. 2.3
MARCH 22, 2023

PREPARED BY SCHMIDT ASSOCIATES FOR:
NORTH CENTRAL HIGH SCHOOL RENOVATION
WASHINGTON TOWNSHIP, M.S.D. OF

This Addendum consists of 18 Addendum page(s) and 233 attachment pages totaling 251 pages.

Acknowledge receipt of this Addendum by inserting its number on the Bid Form. Failure to do so may subject the Bid to disqualification. This Addendum is part of the Contract Documents.

Bidder is encouraged to verify with reprographer of record all Addenda issued (do not rely exclusively on third party plan room services).

PART 1 - CHANGES TO PRIOR ADDENDA (NOT APPLICABLE)

PART 2 - CHANGES TO THE PROJECT MANUAL

Modifications described herein shall be incorporated in the Project Manual. All other Work shall remain unchanged.

2.1 DIVISION 05 – METALS

A. **Section 055000 "METAL FABRICATIONS"**

1. ADD Paragraph 2.19 as follows:

"2.19 CUSTOM FIRE ALARM PULL COVERS
A. Provide custom fabricated fire alarm pull cover to adequately conceal the exposed conduit and junction box from the previous installation.
B. Fire alarm pull cover shall be constructed of 0.081 inch (12 GA) thick steel.
C. Refer to Drawings for fire alarm pull cover design
D. Coat cover with High Performance Coating (099600.99) – glossy.
1. Color: Match existing fire extinguisher cabinets (red).
E. Fire alarm device clear cover:
1. STI-14010FR Universal stopper, Low profile, flush by Safety Technology International
E. Basis-of-Design manufacturer - Tomlinson Manufacturing Company
1. Approved Equal: The Tarpenning LaFollette Co."

2.2 DIVISION 08 – OPENINGS

A. **Section 084513 "STRUCTURED-POLYCARBONATE-PANEL ASSEMBLIES"**

1. ADD Section per the attached.

B. **Section 087100 “DOOR HARDWARE”**

1. DELETE AND REPLACE the appropriate Hardware Groups with the following:

“Hardware Group No. 003A
For use on Door #(s):
L001.1

Provide each OPENING with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	CONT. HINGE	112XY	710	IVE
2	EA	DUMMY PUSH BAR X PULL TRIM	330 X 990DT	313	VON
2	EA	OH STOP	100S	613	GLY
1 ~~(2)~~	EA	SURFACE CLOSER	4040XP EDA	695	LCN
1	**EA**	**SURF. AUTO OPERATOR**	**4642 WMS 120 VAC**	**695**	**LCN**
1 ~~(2)~~	EA	PA MOUNTING PLATE	4040XP-18PA	695	LCN
1 ~~(2)~~	EA	BLADE STOP SPACER	4040XP-61	695	LCN
1	**EA**	**ACTUATOR**	**8310-853T (CORRIDOR)**	**630**	**LCN**
1	**EA**	**MOUNT BOX**	**8310-867S (CORRIDOR)**		**LCN**
1	**EA**	**ACTUATOR**	**SHARED WITH ADJACENT OPENING (VESTIBULE)**		

VERIFY - MATCH EXISTING STOREFRONT FINISH. BOTH AUTO OPERATOR ACTUATORS ENABLED AT ALL TIMES. PUSHING EITHER ACTUATOR SIGNALS AUTO OPERATOR TO OPEN DOOR. FREE EGRESS AT ALL TIMES.

Hardware Group No. 016

For use on Door #(s):

A106 A107 A109 A110 A114 A119
A120 A121 A122 A124 A126 A127
A129 A131 A156 A159 A206 A208
A210 A212 A213 A214 A215 A224G
A224K A227 A228 A234 A235 A237
A239 B116 B118 B202 B203 B204
B205 B206 B207 B209 B214 B218
B220 C206 C207 C208 C209 C210
C211 D201 D203 D205 D207 D211
D212 D213 D215 D216 D218 D219
D221 D223 J201 J205 J206 J207
J208 J209 J210 J211 J212 J214
J215 J218 K202 K204 K206 K208.1
K210 L105 L107 L108 L110 L201
L203 L204 L212 M101 M103 M105
M106 M107 M108 M109 M111 M200
M201 M202 M203 M205 M206 M207
M209 M210 M211 M213 N129 N131
N201 N210 **L118.3**

Provide each OPENING with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5 (NRP AS REQ'D)	652	IVE
1	EA	OFFICE/ENTRY LOCK (W/ INSIDE IND)	L9050BDC 17A L583-363 L283-711	626	SCH
1	EA	PERMANENT CORE	1C7*2	626	BES
1	EA	WALL STOP	WS406/407CVX	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. 016B

For use on Door #(s):

K119.1 K119.2 **L117.1** **L117.2**

Provide each OPENING with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5 (NRP AS REQ'D)	652	IVE
1	EA	OFFICE/ENTRY LOCK (W/ INSIDE IND)	L9050BDC 17A L583-363 L283-711	626	SCH
1	EA	PERMANENT CORE	1C7*2	626	BES
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	SET	SOUND SEAL	328AA-S (JAMBS)	AA	ZER
1	EA	GASKETING	488SBK PSA (HEAD)	BK	ZER
1	EA	AUTO DR BTM, MORTISE (SOUND)	360AA(WDD) OR 355AA (HMD) AS REQ'D	AA	ZER

Hardware Group No. 016C

For use on Door #(s):
~~XL117.1~~ ~~XL117.2~~

Provide each OPENING with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	OFFICE/ENTRY LOCK (W/ INSIDE IND)	L9050BDC 17A L583-363 L283-711	626	SCH
1	EA	PERMANENT CORE	REUSE EXISTING	626	BES
1	SET	SOUND SEAL	328AA-S	AA	ZER
1	EA	AUTO DR BTM, MORTISE (SOUND)	360AA(WDD) OR 355AA (HMD) AS REQ'D	AA	ZER

BALANCE OF HARDWARE EXISTING TO REMAIN.

Hardware Group No.**040A**

For use on Door #(s):
XL118.2

Provide each OPENING with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	**EA**	**DBL CYL STORE W/DB**	**L9466BDC 17A**	**626**	**SCH**
2	**EA**	**PERMANENT CORE**	**REUSE EXISTING**	**626**	**BES**
1	**EA**	**OH STOP**	**450S**	**652**	**GLY**

BALANCE OF HARDWARE EXISTING TO REMAIN.

Hardware Group No. 053

For use on Door #(s):
B100.1

Provide each OPENING with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	CONT. HINGE	112XY	628	IVE
~~1~~	~~EA~~	~~CONT. HINGE~~	~~112XY EPT~~	~~628~~	~~IVE~~
~~1~~	~~EA~~	~~POWER TRANSFER~~	~~EPT10~~	~~689~~	~~VON~~
1	EA	STOREROOM LOCK	L9080BDC 17A	626	SCH
~~1~~	~~EA~~	~~ELEC MORTISE LOCK~~	~~L9092BDCEU 17A RX 12/24 VDC~~	~~626~~	~~SCH~~
1	EA	PERMANENT CORE	1C7*2	626	BES
1	EA	ELECTRIC STRIKE	6111 FSE DS 12/24 VAC/VDC	630	VON
1	EA	OH STOP	410S	652	GLY
~~1~~	~~EA~~	~~SURFACE CLOSER~~	~~4040XP EDA~~	~~689~~	~~LCN~~
1	EA	SURF. AUTO OPERATOR	4642 WMS 120 VAC	689	LCN
~~1~~	~~EA~~	~~MOUNTING PLATE~~	~~4040XP-18PA~~	~~689~~	~~LCN~~
~~1~~	~~EA~~	~~BLADE STOP SPACER~~	~~4040XP-61~~	~~689~~	~~LCN~~
1	EA	ACTUATOR	8310-818T (VESITBULE, JAMB MOUNT)	630	LCN
1	EA	ACTUATOR	8310-853T (ADMIN, WALL MOUNT)	630	LCN
1	EA	MOUNT BOX	8310-867S (ADMIN)		LCN
1	EA	REMOTE RELEASE	BY DIV 28		B/O
1	EA	DOOR CONTACT	BY DIV 28	BLK	SCE
1	EA	POWER SUPPLY (CENTRALIZED)	BY DIV 28	LGR	SCE

DOOR NORMALLY CLOSED AND LOCKED AND EXTERIOR ACTUATOR DISABLED. PRESENTING VALID CREDENTIAL TO READER, OR PUSH BUTTON AT RECEPTION DESK (BY INTERCOM/SECURITY SYSTEM), MOMENTARILY RELEASES ELECTRIC STRIKE AND ENABLES EXTERIOR ACTUATOR BUTTON. PUSHING ENABLED EXTERIOR ACTUATOR BUTTON SIGNALS AUTOMATIC OPERATOR TO OPEN DOOR. INTERIOR ACTUATOR ENABLED AT ALL TIMES. PUSHING THE INTERIOR ACTUATOR BUTTON RELEASES ELECTRIC STRIKE AND SIGNALS AUTOMATIC OPERATOR TO OPEN DOOR. ELECTRIC STRIKE ALSO CAPABLE OF BEING HELD IN AN RELEASED STATE (I.E. PUSH/PULL MODE) AS DESIGNATED BY ACCESS CONTROL SYSTEM SCHEDULE. ELECTRIC STRIKE LOCKS WITH LOSS OF POWER. FREE EGRESS AT ALL TIMES. ~~(DOOR NORMALLY CLOSED AND LOCKED. PUSH BUTTON AT RECEPTION DESK UNLOCKS OUTSIDE LEVER, ALLOWING ACCESS. DOOR REMAINS LOCKED WITH LOSS OF POWER. FREE EGRESS AT ALL TIMES.)~~

Hardware Group No.056B

For use on Door #(s):
XD119A

Provide each OPENING with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	DOOR CORD	788C-18	626	SCE
1	EA	ELEC MORTISE LOCK	L9092BDCEU 17A RX 12/24 VDC	626	SCH
1	EA	PERMANENT CORE	1C7*2	626	BES
1	EA	CREDENTIAL READER	BY DIV 28	BLK	SCE
1	EA	DOOR CONTACT	BY DIV 28	BLK	SCE
1	EA	POWER SUPPLY (CENTRALIZED)	BY DIV 28	LGR	SCE

BALANCE OF HARDWARE EXISTING TO REMAIN. VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE.

DOOR NORMALLY CLOSED AND LOCKED. PRESENTING VALID CREDENTIAL TO READER WILL UNLOCK OUTSIDE LEVER, ALLOWING ACCESS. DOOR REMAINS LOCKED WITH LOSS OF POWER. FREE EGRESS AT ALL TIMES.

Hardware Group No. 081

For use on Door #(s):
~~XD105.1~~ XK114

Provide each OPENING with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	STOREROOM LOCK	L9080BDC 17A	626	SCH
1	EA	PERMANENT CORE	REUSE EXISTING	626	BES

BALANCE OF HARDWARE EXISTING TO REMAIN.

Hardware Group No. 081

For use on Door #(s):
~~XD105.1~~ XK114

Provide each OPENING with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	STOREROOM LOCK	L9080BDC 17A	626	SCH
1	EA	PERMANENT CORE	REUSE EXISTING	626	BES

BALANCE OF HARDWARE EXISTING TO REMAIN.

Hardware Group No. 082

For use on Door #(s):
B100.2

Provide each OPENING with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	CONT. HINGE	112XY	628	IVE
~~1~~	~~EA~~	~~CONT. HINGE~~	~~112XY EPT~~	~~628~~	~~IVE~~
~~1~~	~~EA~~	~~POWER TRANSFER~~	~~EPT10~~	~~689~~	~~VON~~
1	EA	STOREROOM LOCK	L9080BDC 17A	626	SCH
~~1~~	~~EA~~	~~ELEC MORTISE LOCK~~	~~L9092BDCEU 17A RX 12/24 VDC~~	~~626~~	~~SCH~~
1	EA	DEADBOLT	B660BDC 12-631	626	SCH
2	EA	PERMANENT CORE	1C7*2	626	BES
1	EA	ELECTRIC STRIKE	6111 FSE DS 12/24 VAC/VDC	630	VON
1	EA	DEADBOLT MONITOR STRIKE	MS-12		SDC
1	EA	OH STOP	410S	652	GLY
~~1~~	~~EA~~	~~SURFACE CLOSER (W/ DEAD STOP)~~	~~4040XP CUSH~~	~~689~~	~~LCN~~
1	EA	SURF. AUTO OPERATOR	4642 WMS 120 VAC	689	LCN
~~1~~	~~EA~~	~~MOUNTING PLATE~~	~~4040XP-18PA~~	~~689~~	~~LCN~~
~~1~~	~~EA~~	~~CUSH SHOE SUPPORT~~	~~4040XP-30~~	~~689~~	~~LCN~~
~~1~~	~~EA~~	~~BLADE STOP SPACER~~	~~4040XP-61~~	~~689~~	~~LCN~~
1	EA	ACTUATOR	8310-818T (CORRIDOR, JAMB MOUNT)	630	LCN
1	EA	ACTUATOR	8310-853T (ADMIN, WALL MOUNT)	630	LCN
1	EA	MOUNT BOX	8310-867S		LCN
~~1~~	~~EA~~	~~WALL STOP~~	~~WS406/407CVX~~	~~630~~	~~IVE~~
1	EA	CREDENTIAL READER	BY DIV 28	BLK	SCE
1	EA	REMOTE RELEASE	BY DIV 28		B/O
1	EA	DOOR CONTACT	BY DIV 28	BLK	SCE
1	EA	POWER SUPPLY (CENTRALIZED)	BY DIV 28	LGR	SCE

Hardware Group No 82 continued

SCHOOL HOURS:
DEADBOLT UNLOCKED, FREE ENTRY FROM SCHOOL INTO OFFICE. CORRIDOR SIDE ACTUATOR ENABLED. PUSHING CORRIDOR SIDE ACTUATOR RELEASES ELECTRIC STRIKE AND SIGNALS AUTO OPERATOR TO OPEN DOOR. OFFICE SIDE ALWAYS LOCKED AND OFFICE SIDE AUTO OPERATOR ACTUATOR DISBALED. CREDENTIAL READER ON OFFICE SIDE, OR PUSH BUTTON AT RECEPTION DESK (BY INTERCOM/SECURITY SYSTEM), WILL RELEASE ELEC STRIKE AND ENABLE OFFICE SIDE AUTO OPERATOR ACTUATOR. PUSHING ENBLED ACTUATOR SIGNALS AUTO OPERATOR TO OPEN DOOR. DOOR TO REMAIN LOCKED UPON LOSS OF POWER.

AFTER HOURS:
DEADBOLT LOCKED, THUS LOCKED IN BOTH DIRECTIONS AND BOTH AUTO OPERATOR ACTUATORS DISABLED. ~~(SCHOOL HOURS:~~
~~DEADBOLT UNLOCKED. FREE ENTRY FROM SCHOOL INTO OFFICE. OFFICE SIDE ALWAYS LOCKED PREVENTING FREE PASSAGE FROM OFFICE INTO THE SCHOOL. PUSH BUTTON AT RECEPTION DESK (BY INTERCOM/SECURITY SYSTEM) WILL MOMENTARILY UNLOCK THE ELEC LOCK, ALLOWING ACCESS INTO THE SCHOOL. DOOR TO REMAIN LOCKED UPON LOSS OF POWER.~~

~~AFTER HOURS:~~
~~DEADBOLT LOCKED, THUS LOCKED IN BOTH DIRECTIONS.)~~

Hardware Group No. 095

For use on Door #(s):
B002.3 ~~K100.4~~

Provide each OPENING with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	CONT. HINGE	112XY EPT	628	IVE
2	EA	POWER TRANSFER	EPT10	689	VON
1	EA	REMOVABLE MULLION	KR4954 STAB	689	VON
1	EA	ELEC PANIC HARDWARE	LX-RX-QEL-99-NL 24 VDC	626	VON
1	EA	ELEC PANIC HARDWARE	RX-QEL-99-DT 24 VDC	626	VON
2	EA	PERMANENT CORE	1C7*2	626	BES
1	EA	MORTISE CYL HOUSING (SFIC)	80-110 (W/ DISP CONST CORE)	626	SCH
1	EA	RIM CYL HOUSING (SFIC)	80-159 (W/ KEYED CONST CORE)	626	SCH
2	EA	OH STOP	100S	630	GLY
2	EA	SURFACE CLOSER	4040XP EDA	689	LCN
1	EA	SURF. AUTO OPERATOR	4642 WMS 120 VAC	689	LCN
1	EA	MOUNTING PLATE	4040XP-18PA	689	LCN
1	EA	BLADE STOP SPACER	4040XP-61	689	LCN
2	EA	ACTUATOR	8310-853T (WALL MOUNT)	630	LCN
2	EA	MOUNT BOX	8310-867S		LCN
2	EA	DOOR CONTACT	BY DIV 28	BLK	SCE
1	EA	POWER SUPPLY (CENTRALIZED)	BY DIV 28	LGR	SCE

DOOR NORMALLY CLOSED AND LOCKED AND EXTERIOR ACTUATOR DISABLED. EXIT DEVICE LATCH CAPABLE OF BEING ELECTRONICALLY RETRACTED OR DOGGED DOWN (I.E. PUSH/PULL MODE) AS DESIGNATED BY ACCESS CONTROL SYSTEM SCHEDULE. WHEN LATCH IS RETRACTED, EXTERIOR SIDE ACTUATOR ACTIVATED. PUSHING ACTIVATED ACTUATOR SIGNALS AUTOMATIC OPERATOR TO OPEN DOOR. INTERIOR ACTUATOR ENABLED AT ALL TIMES. PUSHING INTERIOR ACTUATOR RETRACTS LATCH AND SIGNALS AUTOMATIC OPERATOR TO OPEN DOOR. EXIT DEVICE LATCHES AND LOCKS WITH LOSS OF POWER. FREE EGRESS AT ALL TIMES.

Hardware Group No.096A

For use on Door #(s):
K100.4

Provide each OPENING with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	CONT. HINGE	112XY EPT	628	IVE
2	EA	POWER TRANSFER	EPT10	689	VON
1	EA	REMOVABLE MULLION	KR4954 STAB	689	VON
1	EA	ELEC PANIC HARDWARE	LX-RX-QEL-99-NL 24 VDC	626	VON
1	EA	ELEC PANIC HARDWARE	RX-QEL-99-DT 24 VDC	626	VON
2	EA	PERMANENT CORE	1C7*2	626	BES
1	EA	MORTISE CYL HOUSING (SFIC)	80-110 (W/ DISP CONST CORE)	626	SCH
1	EA	RIM CYL HOUSING (SFIC)	80-159 (W/ KEYED CONST CORE)	626	SCH
2	EA	OH STOP	100S	630	GLY
2	EA	SURFACE CLOSER	4040XP EDA	689	LCN
1	EA	SURF. AUTO OPERATOR	4642 WMS 120 VAC	689	LCN
1	EA	MOUNTING PLATE	4040XP-18PA	689	LCN
1	EA	BLADE STOP SPACER	4040XP-61	689	LCN
1	EA	WEATHER RING	8310-801		LCN
2	EA	ACTUATOR	8310-853T	630	LCN
1	EA	BOLLARD POST	8310-866 (EXTERIOR)		LCN
1	EA	MULLION SEAL	8780NBK PSA	BK	ZER
1	EA	WEATHERSTRIPPING	BY DOOR/FRAME MANUFACTURER		B/O
2	EA	DOOR SWEEP, BRUSH W/ DRIP	8198AA	AA	ZER
1	EA	THRESHOLD, 1/2"	655A	A	ZER
1	EA	CREDENTIAL READER	BY DIV 28	BLK	SCE
2	EA	DOOR CONTACT	BY DIV 28	BLK	SCE
1	EA	POWER SUPPLY (CENTRALIZED)	BY DIV 28	LGR	SCE

DOOR NORMALLY CLOSED AND LOCKED. PRESENTING VALID CREDENTIAL TO READER MOMENTARILY RETRACTS PANIC DEVICE LATCH AND MOMENTARILY ENABLES EXTERIOR ACTUATOR BUTTON. PUSHING ENABLED EXTERIOR ACTUATOR BUTTON SIGNALS AUTOMATIC OPERATOR TO MOMENTARILY OPEN DOOR. INTERIOR ACTUATOR ENABLED AT ALL TIMES. PUSHING THE INTERIOR ACTUATOR BUTTON MOMENTARILY RETRACTS PANIC DEVICE LATCH AND SIGNALS AUTOMATIC OPERATOR TO MOMENTARILY OPEN DOOR. PANIC DEVICE LATCHES ALSO CAPABLE OF BEING ELECTRONICALLY DOGGED DOWN (I.E. PUSH/PULL MODE) AS DESIGNATED BY ACCESS CONTROL SYSTEM SCHEDULE. EXIT DEVICES LATCH AND LOCK WITH ACTIVATION OF SECURITY SYSTEM. FREE EGRESS AT ALL TIMES.

Hardware Group No. 098

For use on Door #(s):
L001.2

Provide each OPENING with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	CONT. HINGE	112XY EPT	710	IVE
2	EA	POWER TRANSFER	EPT10	695	VON
1	EA	REMOVABLE MULLION	KR4954 STAB	695	VON
1	EA	ELEC PANIC HARDWARE	RX-QEL-99-DT 24 VDC	313	VON
1	EA	ELEC PANIC HARDWARE	LX-RX-QEL-99-NL 24 VDC	313	VON
2	EA	PERMANENT CORE	1C7*2	613	BES
1	EA	MORTISE CYL HOUSING (SFIC)	80-110 (W/ DISP CONST CORE)	613	SCH
1	EA	RIM CYL HOUSING (SFIC)	80-159 (W/ KEYED CONST CORE)	613	SCH
2	EA	OH STOP	100S	613	GLY
1 ~~(2)~~	EA	SURFACE CLOSER	4040XP EDA	695	LCN
1	**EA**	**SURF. AUTO OPERATOR**	**4642 WMS 120 VAC**	**695**	**LCN**
1 ~~(2)~~	EA	PA MOUNTING PLATE	4040XP-18PA	695	LCN
1 ~~(2)~~	EA	BLADE STOP SPACER	4040XP-61	695	LCN
1	**EA**	**WEATHER RING**	**8310-801 (EXTERIOR)**		**LCN**
1	**EA**	**ACTUATOR**	**8310-853T (EXTERIOR)**	**630**	**LCN**
1	**EA**	**DUAL ACTUATOR**	**8310-855 (VESTIBULE)**	**630**	**LCN**
2	**EA**	**MOUNT BOX**	**8310-867S**		**LCN**
2	EA	MULLION SEAL	8780NBK PSA	BK	ZER
1	EA	WEATHERSTRIPPING	BY DOOR/FRAME MANUFACTURER		B/O
2	EA	DOOR SWEEP	8198D	D	ZER
1	EA	THRESHOLD	655D	D	ZER
1	EA	CREDENTIAL READER	BY DIV 28	BLK	SCE
2	EA	DOOR CONTACT	BY DIV 28	BLK	SCE
1	EA	POWER SUPPLY (CENTRALIZED)	BY DIV 28	LGR	SCE

VERIFY - MATCH EXISTING STOREFRONT FINISH. DOOR NORMALLY CLOSED AND LOCKED AND EXTERIOR ACTUATOR DISABLED. PRESENTING VALID CREDENTIAL TO READER RETRACTS EXIT DEVICE LATCH AND ENABLES EXTERIOR ACTUATOR. PUSHING ENABLED EXTERIOR ACTUATOR SIGNALS AUTOMATIC OPERATOR TO OPEN DOOR. INTERIOR ACTUATOR ENABLED AT ALL TIMES. PUSHING INTERIOR ACTUATOR RETRACTS LATCH AND SIGNALS AUTOMATIC OPERATOR TO OPEN DOOR. EXIT DEVICE LATCH ALSO CAPABLE OF BEING ELECTRONICALLY DOGGED DOWN (I.E. PUSH/PULL MODE) AS DESIGNATED BY ACCESS CONTROL SYSTEM SCHEDULE. EXIT DEVICE LATCHES AND LOCKS WITH LOSS OF POWER. FREE EGRESS AT ALL TIMES. ~~(VERIFY - MATCH EXISTING STOREFRONT FINISH. DOOR NORMALLY CLOSED AND LOCKED. PRESENTING VALID CREDENTIAL TO READER RETRACTS EXIT DEVICE LATCH, ALLOWING ACCESS. EXIT DEVICE LATCHES AND LOCKS WITH LOSS OF POWER. FREE EGRESS AT ALL TIMES.)"~~

2.3 DIVISION 10 – SPECIALTIES

A. **Section 101400 “SIGNAGE”**

1. ADD Section per the attached.

2.4 DIDIVISION 14 - CONVEYING EQUIPMENT

A. **Section 142400 “HYDRAULIC ELEVATORS”**

1. ADD Subparagraph 2.8 C. 1. as follows:

   “1. Connect Emergency Communication System to existing communication wires.”

2.5 DIVISION 22 – PLUMBING

A. **Section 220533 “HEAT TRACING FOR PLUMBING PIPING”**

1. ADD Section 220533 in its entirety per the attached.

2.6 DIVISION 23 - HEATING, VENTILATING, AND AIR-CONDITIONING(HVAC)

A. **Section 238413.29 “SELF CONTAINED STEAM HUMIDIFIERS”**

1. DELETE AND REPLACE Section in its entirety.

2.7 DIVISION 26 – ELECTRICAL

A. **Section 262923 “VARIABLE-FREQUENCY MOTOR CONTROLLERS”**

1. ADD Document SECTION 262923 – VARIABLE-FREQUENCY MOTOR CONTROLLERS per the attached.

2.8 DIVISION 27 – COMMUNICATIONS

A. **Section 274100 “GENERAL CONDITIONS FOR AUDIO-VIDEO SYSTEMS”**

1. ADD Section per the attached.

B. **Section 274110 “TRAINING FOR AUDIO-VIDEO SYSTEMS”**

1. Add Section per the attached.

C. **Section 274116.61 “INTEGRATED AUDIO-VIDEO SYSTEMS AND EQUIPMENT FOR THEATERS”**

1. Add Section per the attached.

D. **Section 274125 “AUDIO-VIDEO CONTROL SYSTEMS”**

1. Add Section per the attached.

2.9 DIVISION 28 - ELECTRONIC SAFETY AND SECURITY

A. Section 284621 “ADDRESSABLE FIRE-ALARM SYSTEMS”

1. MODIFY Section 284621 as follows:

Provide 25 additional horn strobes connected to the Fire Alarm System
Provide 25 additional visuals connected to the Fire Alarm System
Provide 40 additional smoke detectors connected to the Fire Alarm System
Provide 20 additional duct detectors connected to the Fire Alarm System
Provide 12 additional manual pull stations connected to the Fire Alarm System

PART 3 - CHANGES TO THE DRAWINGS

Modifications described herein shall be incorporated in the Drawings. All other Work shall remain unchanged.

3.1 DRAWING SHEETS: ADDITIONS, DELETIONS AND REPLACEMENTS

	DRAWING NO.	INDICATE ACTION: ADD (A), DELETE (D), DELETE & REPLACE (R),
C-SERIES DRAWINGS		
	CL100.3	ADD
	CL101.3	DELETE AND REPLACE
	CL102.3	DELETE AND REPLACE
	CL103.3	DELETE AND REPLACE
	CL104.3	DELETE AND REPLACE
	CU102.3	DELETE AND REPLACE
	CU103.3	DELETE AND REPLACE
S-SERIES DRAWINGS		
	SD1L1.3	DELETE AND REPLACE
	SF1L1.3	DELETE AND REPLACE
	SF1L3.3	DELETE AND REPLACE
	SF1P3.3	DELETE AND REPLACE
	SF1S1.3	DELETE AND REPLACE
	SF1AA1.3	DELETE AND REPLACE
	S-303.3	DELETE AND REPLACE
	S-304.3	DELETE AND REPLACE
	S-305.3	DELETE AND REPLACE
	S-308.3	DELETE AND REPLACE
	S-309.3	DELETE AND REPLACE
	S-502.3	DELETE AND REPLACE
	S-528.3	DELETE AND REPLACE
	S-531.3	DELETE AND REPLACE
	S-532.3	ADD
	S-533.3	ADD

A-SERIES DRAWINGS

ADIB1.3	DELETE AND REPLACE
AD1J1.3	DELETE AND REPLACE
AD1K1.3	DELETE AND REPLACE
AD1P1.3	DELETE AND REPLACE
AF1B1.3	DELETE AND REPLACE
AF1F2.3	DELETE AND REPLACE
AF1J1.3	DELETE AND REPLACE
AF1K1.3	DELETE AND REPLACE
AF1P1.3	DELETE AND REPLACE
AF1S2.3	DELETE AND REPLACE
AC1J1.3	DELETE AND REPLACE
A-320.3	DELETE AND REPLACE
A-400.3	DELETE AND REPLACE
A-500.3	DELETE AND REPLACE
A-520.3	DELETE AND REPLACE
A-600.3	DELETE AND REPLACE
A-601.3	DELETE AND REPLACE
A-602.3	DELETE AND REPLACE

I-SERIES DRAWINGS

IN1B1.3	DELETE AND REPLACE
IN1C1.3	DELETE AND REPLACE
IN1K2.3	DELETE AND REPLACE
IN1L1.3	DELETE AND REPLACE
IN1M2.3	DELETE AND REPLACE
IN1P1.3	DELETE AND REPLACE
IN1S1.3	DELETE AND REPLACE
I-213.3	DELETE AND REPLACE
I-407.3	DELETE AND REPLACE
I-501.3	DELETE AND REPLACE

P-SERIES DRAWINGS

PF1A0.3	DELETE AND REPLACE
PF1B0.3	DELETE AND REPLACE
PF1B1.3	DELETE AND REPLACE
PF1C0.3	DELETE AND REPLACE
PF1C1.3	DELETE AND REPLACE
PF1G1.3	DELETE AND REPLACE
PF1G2.3	DELETE AND REPLACE
PF1H0.3	DELETE AND REPLACE
PF1H1.3	DELETE AND REPLACE
PF1H2.3	DELETE AND REPLACE
PF1Q0.3	DELETE AND REPLACE
PF1Q1.3	DELETE AND REPLACE
PF1Q2.3	DELETE AND REPLACE
PF1R0.3	DELETE AND REPLACE
PF1R1.3	DELETE AND REPLACE
PF1R2.3	DELETE AND REPLACE
P-901.3	ADD

	P-902.3	ADD
	P-903.3	ADD
E-SERIES DRAWINGS		
	E-001.3	DELETE AND REPLACE
	ED1E2.3	DELETE AND REPLACE
	ED1S1.3	DELETE AND REPLACE
	ED1U1.3	DELETE AND REPLACE
	ED1U2.3	DELETE AND REPLACE
	EL1BC1.3	DELETE AND REPLACE
	EL1BC2.3	DELETE AND REPLACE
	EL1D1.3	DELETE AND REPLACE
	EL1D2.3	DELETE AND REPLACE
	EL1E1.3	DELETE AND REPLACE
	EL1F2.3	DELETE AND REPLACE
	EL1J1.3	DELETE AND REPLACE
	EL1J2.3	DELETE AND REPLACE
	EL1K1.3	DELETE AND REPLACE
	EL1K2.3	DELETE AND REPLACE
	EL1L1.3	DELETE AND REPLACE
	EL1M1.3	DELETE AND REPLACE
	EL1M2.3	DELETE AND REPLACE
	EL1P1.3	DELETE AND REPLACE
	EL1P2.3	DELETE AND REPLACE
	EL1Q2.3	DELETE AND REPLACE
	EL1R1.3	DELETE AND REPLACE
	EL1S1.3	DELETE AND REPLACE
	EL1U1.3	DELETE AND REPLACE
	EL1U2.3	DELETE AND REPLACE
	EL1AA1.3	DELETE AND REPLACE
	EP1E2.3	DELETE AND REPLACE
	EP1J1.3	DELETE AND REPLACE
	EP1Q2.3	DELETE AND REPLACE
	EP1S1.3	DELETE AND REPLACE
	EP100.3	DELETE AND REPLACE
	EP104.3	DELETE AND REPLACE
	EP105.3	DELETE AND REPLACE
	EF1AA2.3	DELETE AND REPLACE
T-SERIES DRAWINGS		
	TD1A1.3	DELETE AND REPLACE
	TD1A2.3	DELETE AND REPLACE
	TD1B1.3	DELETE AND REPLACE
	TD1C1.3	DELETE AND REPLACE
	TD1C2.3	DELETE AND REPLACE
	TD1D1.3	DELETE AND REPLACE
	TD1D2.3	DELETE AND REPLACE
	TD1E1.3	DELETE AND REPLACE
	TD1E2.3	DELETE AND REPLACE

TD1F1.3	DELETE AND REPLACE
TD1F2.3	DELETE AND REPLACE
TD1G1.3	DELETE AND REPLACE
TD1G2.3	DELETE AND REPLACE
TD1H1.3	DELETE AND REPLACE
TD1H2.3	DELETE AND REPLACE
TD1J1.3	DELETE AND REPLACE
TD1J2.3	DELETE AND REPLACE
TD1K1.3	DELETE AND REPLACE
TD1K2.3	DELETE AND REPLACE
TD1L1.3	DELETE AND REPLACE
TD1M1.3	DELETE AND REPLACE
TD1M2.3	DELETE AND REPLACE
TD1N1.3	DELETE AND REPLACE
TD1N2.3	DELETE AND REPLACE
TD1P1.3	DELETE AND REPLACE
TD1P2.3	DELETE AND REPLACE
TD1Q1.3	DELETE AND REPLACE
TD1Q2.3	DELETE AND REPLACE
TD1R1.3	DELETE AND REPLACE
TD1R2.3	DELETE AND REPLACE
TD1S1.3	DELETE AND REPLACE
TD1S2.3	DELETE AND REPLACE
TD1T1.3	DELETE AND REPLACE
TD1T2.3	DELETE AND REPLACE
TD1U1.3	DELETE AND REPLACE
TD1V1.3	DELETE AND REPLACE
TF2G1.3	DELETE AND REPLACE
TF2H1.3	DELETE AND REPLACE
TF2K1.3	DELETE AND REPLACE
TF2N2.3	DELETE AND REPLACE
TF2P1.3	DELETE AND REPLACE
TF2Q1.3	DELETE AND REPLACE
T316.3	ADD
T317.3	ADD
T318.3	ADD
T336.3	DELETE AND REPLACE
T337.3	DELETE AND REPLACE
T338.3	DELETE AND REPLACE
T340.3	DELETE AND REPLACE
T341.3	DELETE AND REPLACE
T342.3	DELETE AND REPLACE
T343.2	DELETE AND REPLACE
T343.3	ADD
T344.3	ADD
T345.3	ADD
T500.3	DELETE AND REPLACE
T501.3	DELETE AND REPLACE

T502.3	DELETE AND REPLACE
T503.3	DELETE AND REPLACE
T504.3	DELETE AND REPLACE

3.1 G-SERIES DRAWINGS

A. **Sheet Number G101.3**

1. DELETE AND REPLACE Proposed Variance Request: Note in the Code Summary with the following:

“PROPOSED VARIANCE REQUESTS (INDIANA #22423):
1. Delete requirement for trap seal primer valve to be provided for floor drains
2. Allow egress travel distance to exceed code minimum in portions of the 1st and 2nd floors.
3. Allow horizontal exits to exceed the permitted 50% of required exits.”
4. Allow the proposed additions to NCHS to connect to existing JEL building which is currently non-sprinklered.

3.2 S-SERIES DRAWINGS

A. **Drawing Number SF1L2.3**

1. ADD Note as follows:

“Beam located on Grid Line H.AA.3 North of 6.AA.3 is W12x14”

3.3 A-SERIES DRAWINGS

A. **Sheet Number A-001.3**

1. ADD General Demolition Note P. as follows:

“P. Disregard demolition note 44 for corridor drinking fountain locations. Refer to Sheet I-501.3 for ceramic tile work that supersedes the work indicated on the plans. All corridor ceramic wall tile shall remain unless noted otherwise”

B. **Sheet Numbers AD1A1.3 – AD1AA1.3**

1. ADD the following lines to end of DEMOLITION FLOOR PLAN NOTE 66:
“…MOSAIC FLOOR TILE WALL BASE TO REMAIN AROUND CORRIDOR DRINKING FOUNTAIN LOCATIONS. REFERENCE I-501.3 FOR SCOPE OF WORK AN TYPICAL CORRIDOR DRINKING FOUNTAIN CONDITIONS.”

C. **Sheet Number AD1S1.3**

1. ADD the following demolition note to the west wall of the west PAC Lobby (located directly west of Performance Arts Classroom (Rehearsal Classroom F173 on Sheet

AX101B)
"PROTECT MIRRORS AND ASSOCIATED HANDRAIL DURING CONSTRUCTION"

D. **Sheet Numbers AF1A1.3 – AF1AA1.3**

1. REMOVE the General Plan Notes from the Sheet.

2. ADD the following Note to the second line of the FLOOR PLAN NOTES:
"Refer to sheet A-001.3 for general plan notes that apply to all plan work."

3. ADD Floor Plan Notes 89, 90, and 91 as follows:
"89. RELOCATED DARK ROOM SINK. REF. P-SERIES DWGS.
90. 087100 – AUTOMATIC DOOR OPENER PADDLE ON BOLLARD
91. 083436 – DARKROOM DOOR"

E. **Sheet Number AF1V1.3**

1. CHANGE Floor Plan Note 87, located just south of Vestibule K100 near the existing JEL exterior west wall, to Floor Plan Note 90.

F. **Sheet Number AF1AA1.3**

1. CHANGE Floor Plan Note 87, located northeast of Vest. K002A near door opening K002A.1, to Floor Plan Note 90.

G. **Sheet Numbers AR100.3 - AR103.3**

1. DELETE AND REPLACE Roof Plan Note 15 with the following:
"15. LINE OF WALL BELOW AND ROOF INFILL – REFER TO DETAIL AND S-SERIES DWGS."

H. **Sheet Number A-603.3**

1. CHANGE duplicate frame tag SSF3 located under SSF3 to read "SSF3A".

I. **Sheet Number A-604.3**

1. CHANGE dimensions for the Louver Type L1 to be 5'-6" horizontal dimension by 3'-6" vertical dimension. Sill height to remain at 3'-0"

END OF ADDENDUM 2.3

SECTION 084513 - STRUCTURED-POLYCARBONATE-PANEL ASSEMBLIES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section includes aluminum-framed assemblies glazed with structured-polycarbonate panels as follows:

1. Wall assemblies.

1.3 PREINSTALLATION MEETINGS

A. Preinstallation Conference: Conduct conference at Project site.

1.4 ACTION SUBMITTALS

A. Product Data: For each type of product.

1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for aluminum components of panel assemblies.

B. Shop Drawings: For panel assemblies.

1. Include plans, elevations, sections, details, and attachments to other work.
2. Include details of provisions for assembly expansion and contraction and for draining moisture within the assembly to the exterior.

C. Samples: In manufacturer's standard size.

1. For each type of structured-polycarbonate panel.

D. Fabrication Samples: Of each framing system intersection and adjacent panels, made from 12-inch lengths of full-size framing members and showing details of the following:

1. Joinery.
2. Anchorage.
3. Expansion provisions.
4. Structured-polycarbonate panels.
5. Flashing and drainage.

E. Delegated-Design Submittal: For panel assemblies indicated to comply with performance requirements and design criteria, including analysis data signed and sealed by the qualified professional engineer responsible for their preparation.

1.5 INFORMATIONAL SUBMITTALS

A. Qualification Data: For qualified Installer.

1.6 CLOSEOUT SUBMITTALS

A. Maintenance Data: For panel assemblies to include in maintenance manuals.

1.7 QUALITY ASSURANCE

A. Installer Qualifications: An authorized representative who is trained and approved by manufacturer.

B. Mockups: Build mockups to verify selections made under Sample submittals and to demonstrate aesthetic effects and set quality standards for fabrication and installation.

1. Build mockup of typical panel assemblies as shown on Drawings.
2. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Architect specifically approves such deviations in writing.
3. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.8 WARRANTY

A. Manufacturer's Warranty: Manufacturer agrees to repair or replace components of panel assemblies that fail in materials or workmanship within specified warranty period.

1. Failures include, but are not limited to, the following:

    a. Structural failures including, but not limited to, excessive deflection.
    b. Deterioration of metals, metal finishes, and other materials beyond normal weathering.
    c. Water leakage.

2. Warranty Period: Five years from date of Substantial Completion.

B. Manufacturer's Special Warranty: Manufacturer agrees to repair or replace structured-polycarbonate panels that exhibit defects in materials or workmanship within specified warranty period.

1. Defects include, but are not limited to, the following:

    a. Delamination.
    b. Color changes exceeding requirements.
    c. Losses in light transmission beyond 6 percent from original when measured according to ASTM D 1003.

  2. Warranty Period: 10 years from date of Substantial Completion.

C. Special Aluminum-Finish Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components on which finishes fail within specified warranty period. Warranty does not include normal weathering.

  1. Failures include, but are not limited to, checking, crazing, peeling, chalking, and fading of finishes.
  2. Warranty Period: 10 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Delegated Design: Engage a qualified professional engineer, as defined in Section 014000 "Quality Requirements," to design structured-polycarbonate-panel assemblies.

B. Structural Loads: As indicated on Drawings.

C. Deflection Limits:

  1. Vertical Panel Assemblies: Limited to 1/120 of clear span for each assembly component.
  2. Overhead Panel Assemblies: Limited to 1/120 of clear span for each assembly component.

D. Structural-Test Performance: Panel assemblies tested according to ASTM E 330, as follows:

  1. When tested at positive and negative wind-load design pressures, assemblies do not show evidence of deflection exceeding specified deflection limits.
  2. When tested at 150 percent of positive and negative wind-load design pressures, assemblies, including anchorage, do not show evidence of material failures, structural distress, and permanent deformation of main framing members exceeding 0.2 percent of span.
  3. Test Durations: As required by design wind velocity, but not less than 10 seconds.

E. Windborne-Debris Impact Resistance: Passes ASTM E 1886 missile-impact and cyclic-pressure tests in accordance with ASTM E 1996 for Wind Zone 4 for basic protection.

  1. Large-Missile Test: For glazing located within 30 feet of grade.
  2. Small-Missile Test: For glazing located between 30 feet and 60 feet above grade.

F. Water Penetration under Static Pressure: Provide panel assemblies that do not evidence water penetration through fixed glazing and framing areas when tested according to ASTM E 331 at a minimum static-air-pressure difference of 20 percent of positive wind-load design pressure, but not less than 6.24 lbf/sq. ft..

G. Water Penetration under Dynamic Pressure: Provide panel assemblies that do not evidence water leakage through fixed glazing and framing areas when tested according to AAMA 501.1 under dynamic pressure equal to 20 percent of positive wind-load design pressure, but not less than 6.24 lbf/sq. ft..

1. Maximum Water Leakage: According to AAMA 501.1. Water leakage does not include water that is controlled by flashing and gutters and drained to the exterior, or water that cannot damage adjacent materials or finishes.

H. Thermal Movements: Allow for thermal movements from ambient- and surface-temperature changes. Base calculations on surface temperatures of materials due to both solar heat gain and nighttime-sky heat loss.

1. Temperature Change (Range): 120 deg F, ambient; 180 deg F, material surfaces.

2.2 STRUCTURED-POLYCARBONATE-PANEL ASSEMBLIES

A. Structured-Polycarbonate-Panel Assemblies: Translucent assemblies that are supported by aluminum framing and glazed with structured-polycarbonate panels.

1. Basis-of-Design Product: Subject to compliance with requirements, provide Pentaglas Translucent Wall System as manufactured by Kingspan Light +Air | CPI Daylighting or comparable product approved by the Architect from one of the following manufacturers:

   a. Danpal
   b. Palram
   c. Gallina USA, LLC.
   d. Wasco Products, Inc.

2.3 STRUCTURED-POLYCARBONATE PANELS

A. Structured-Polycarbonate Panels: Translucent, extruded-polycarbonate sheet with multiwall cellular cross section that provides isolated airspaces and that is coextruded with a UV-protective layer.

B. Panel Thickness: 12 mm

C. UV Resistance: Not required.

D. Color: Ice White unless noted otherwise in Drawings.

E. Panel Performance:

1. Plastic Self-Ignition Temperature: 650 deg F or more according to ASTM D 1929.
2. Smoke-Developed Index: 450 or less according to ASTM E 84, or 75 or less according to ASTM D 2843.
3. Combustibility Classification: Class CC1 based on testing according to ASTM D 635.
4. Interior Finish Classification: Class A based on testing according to ASTM E 84.
5. Color Change: Not more than 3.0 units Delta E, when measured according to ASTM D 2244, after outdoor weathering compliant with procedures in ASTM D 1435.

    a. Outdoor Weathering Conditions: 60 months in Arizona or 120 months in a moderate North American climate.

6. Impact Resistance: No failure at impact of 200 ft. x lbf according to freefalling-ball impact test using a 3-1/2-inch- diameter, 6.3-lb ball.
7. Haze Factor: Greater than 90 percent when tested according to ASTM D 1003.

2.4 ALUMINUM FRAMING SYSTEMS

A. Components: Manufacturer's standard extruded-aluminum members of thickness required and reinforced as required to support imposed loads.

    1. Construction: One piece, extruded aluminum.

B. Aluminum: Alloy and temper recommended in writing by manufacturer for type of use and finish indicated.

    1. Sheet and Plate: ASTM B 209.
    2. Extruded Bars, Rods, Profiles, and Tubes: ASTM B 221.
    3. Extruded Structural Pipe and Tubes: ASTM B 429.
    4. Structural Profiles: ASTM B 308.

C. Brackets and Reinforcements: Manufacturer's standard high-strength aluminum with nonstaining, nonferrous shims for aligning skylight components.

D. Fasteners and Accessories: Manufacturer's standard, corrosion-resistant, nonstaining, and nonbleeding fasteners and accessories; compatible with adjacent materials.

    1. At closures, retaining caps, or battens, use ASTM A 193, 300 series stainless-steel screws.
    2. Use self-locking devices where fasteners are subject to loosening or turning out from thermal and structural movements, wind loads, or vibration.
    3. At movement joints, use slip-joint linings, spacers, and sleeves of material and type recommended in writing by manufacturer.

E. Concrete and Masonry Inserts: Hot-dip galvanized cast-iron, malleable-iron, or steel inserts complying with ASTM A 123 or ASTM A 153 requirements.

F. Anchor Bolts: ASTM A 307, Grade A, galvanized steel.

G. Concealed Flashing: Corrosion-resistant, nonstaining, nonbleeding flashing compatible with adjacent materials.

H. Exposed Flashing and Closures: Aluminum sheet not less than 0.040 inch 0.050 inch 0.063 inch Insert dimension thick, finished to match framing.

I. Framing Gaskets: Manufacturer's standard gasket system with low-friction surface treatment designed specifically for retaining structured-polycarbonate panels.

J. Frame-System Sealants: As recommended in writing by manufacturer. specified in Section 079200 "Joint Sealants."

K. Corrosion-Resistant Coating: Cold-applied asphalt mastic, compounded for 15-mil dry film thickness per coat. Provide inert-type noncorrosive compound free of asbestos fibers, sulfur components, and other deleterious impurities.

2.5 FABRICATION

A. Fabricate aluminum components that, when assembled, have the following characteristics:

1. Profiles that are sharp, straight, and free of defects or deformations.
2. Accurately fitted joints with ends coped or mitered.
3. Internal guttering systems or other means to drain water passing through joints and moisture migrating within assembly to exterior.

B. Fabricate aluminum sill closures with weep holes and for installation as continuous component.

C. Reinforce aluminum components as required to receive fastener threads.

2.6 ALUMINUM FINISHES

A. Clear Anodic Finish: AAMA 611, AA-M12C22A41, Class I, 0.018 mm AA-M12C22A31, Class II, 0.010 mm or thicker.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine areas and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

A. General: Comply with manufacturer's written instructions.

1. Do not install damaged components.
2. Fit joints between aluminum components to produce hairline joints free of burrs and distortion.
3. Rigidly secure nonmovement joints.
4. Install anchors with separators and isolators to prevent metal corrosion, electrolytic deterioration, and immobilization of moving joints.
5. Seal joints watertight unless otherwise indicated.

B. Metal Protection: Where aluminum components will contact dissimilar materials, protect against galvanic action by painting contact surfaces with corrosion-resistant coating or by installing nonconductive spacers as recommended in writing by manufacturer for this purpose.

C. Install components plumb and true in alignment with established lines and elevations.

D. Erection Tolerances: Install panel assemblies to comply with the following maximum tolerances:

1. Alignment: Limit offset from true alignment to 1/32 inch where surfaces abut in line, edge to edge, at corners, or where a reveal or protruding element separates aligned surfaces by less than 3 inches; otherwise, limit offset to 1/8 inch.
2. Location and Plane: Limit variation from true location and plane to 1/8 inch in 12 feet, but no greater than 1/2 inch over total length.

3.3 FIELD QUALITY CONTROL

A. Testing Agency: Owner will engage a qualified testing agency to perform tests and inspections.

1. Water-Spray Test: Before installation of interior finishes has begun, panel assemblies shall be tested according to AAMA 501.2 and shall not show evidence of water penetration.
2. Water Penetration under Static Pressure: Before installation of interior finishes has begun, areas shall be tested according to ASTM E 1105.
    a. Test Procedures: Test under uniform and cyclic static-air pressure.
    b. Water Penetration: None.

B. Repair or remove work where test results and inspections indicate that it does not comply with specified requirements.

C. Additional testing and inspecting, at Contractor's expense, will be performed to determine compliance of replaced or additional work with specified requirements.

D. Prepare test and inspection reports.

END OF SECTION

SECTION 101400 - SIGNAGE

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. This Section includes the following:

1. Dimensional illuminated characters.
2. Dimensional characters.

B. Related Sections include the following:

1. Division 01 Section "Temporary Facilities and Controls" for temporary Project identification signs and for temporary information and directional signs.
2. Division 10 Section "Traffic Signage" for site signage for vehicles.
3. Division 22 Section "Identification for Plumbing Piping and Equipment" for labels, tags, and nameplates for plumbing systems and equipment.
4. Division 23 Section "Identification for HVAC Piping and Equipment" for labels, tags, and nameplates for HVAC systems and equipment.
5. Division 26 Sections for electrical service and connections for illuminated signs.
6. Division 26 Section "Identification for Electrical Systems" for labels, tags, and nameplates for electrical equipment.
7. Division 26 Section "Interior Lighting" for illuminated Exit signs.

1.3 DEFINITIONS

A. ADA-ABA Accessibility Guidelines: U.S. Architectural & Transportation Barriers Compliance Board's "Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities; Architectural Barriers Act (ABA) Accessibility Guidelines."

1.4 ACTION SUBMITTALS

A. Product Data, Shop Drawings and Sign Schedule:

1. Product Data: For each type of product indicated.
2. Shop Drawings: Show fabrication and installation details for signs.
    a. Show sign mounting heights, locations of supplementary supports to be provided by others, and accessories.

b. Provide message list, typestyles, graphic elements and layout for each sign.
c. Wiring Diagrams: Power, signal, and control wiring.

B. Samples for Initial Selection: Manufacturer's color charts consisting of actual units or sections of units showing the full range of colors available for the following:

1. Aluminum.
2. Acrylic sheet.

C. Samples for Verification: For each of the following products and for the full range of color, texture, and sign material indicated, of sizes indicated:

1. Dimensional Characters: Full-size Samples of each type of dimensional character (letter, number, and graphic element).
2. Aluminum: For each form, finish, and color, on 6-inch- long sections of extrusions and squares of sheet at least 4 by 4 inches.

1.5 CLOSEOUT SUBMITTALS

A. Maintenance Data: For signs to include in maintenance manuals.

1.6 QUALITY ASSURANCE

A. Installer Qualifications: Fabricator of products.

B. Fabricator Qualifications: Shop that employs skilled workers who custom-fabricate products similar to those required for this Project and whose products have a record of successful in-service performance.

C. Source Limitations for Signs: Obtain each sign type indicated from one source from a single manufacturer.

D. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction, and marked for intended use.

1.7 PROJECT CONDITIONS

A. Weather Limitations: Proceed with installation only when existing and forecasted weather conditions permit installation of signs in exterior locations to be performed according to manufacturers' written instructions and warranty requirements.

B. Field Measurements: Verify recess openings by field measurements before fabrication and indicate measurements on Shop Drawings.

1.8 COORDINATION

A. Coordinate placement of anchorage devices with templates for installing signs.

1.9 WARRANTY

A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of signs that fail in materials or workmanship within specified warranty period.

  1. Failures include, but are not limited to, the following:

    a. Deterioration of metal and polymer finishes beyond normal weathering.
    b. Deterioration of embedded graphic image colors and sign lamination.

  2. Warranty Period: Five years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MATERIALS

A. Aluminum Castings: ASTM B 26/B 26M, of alloy and temper recommended by sign manufacturer for casting process used and for use and finish indicated.

B. Aluminum Sheet and Plate: ASTM B 209, alloy and temper recommended by aluminum producer and finisher for type of use and finish indicated, and with at least the strength and durability properties of Alloy 5005-H32.

C. Acrylic Sheet: ASTM D 4802, Category A-1 (cell-cast sheet), Type UVA (UV absorbing).

2.2 DIMENSIONAL CHARACTERS

A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

  1. ACE Sign Systems, Inc.
  2. Advance Corporation; Braille-Tac Division.
  3. A. R. K. Ramos.
  4. ASI-Modulex, Inc.
  5. Charleston Industries, Inc.
  6. essential architectural signs, inc.
  7. Gemini Incorporated.
  8. Grimco, Inc.
  9. ISF Signs
  10. Innerface Sign Systems, Inc.

11. Metal Arts; Div. of L&H Mfg. Co.
12. Mills Manufacturing Company.
13. Mohawk Sign Systems.
14. Nelson-Harkins Industries.
15. Signature Signs, Incorporated.
16. Sign Solutions
17. Southwell Company (The).
18. Cardinal Manufacturing

B. Cast Characters: Produce characters with smooth flat faces, sharp corners, and precisely formed lines and profiles, free of pits, scale, sand holes, and other defects. Cast lugs into back of characters and tap to receive threaded mounting studs. Alloy and temper recommended by sign manufacturer for casting process used and for use and finish indicated. Comply with the following requirements.

1. Character Material: Aluminum.
2. Thickness: one-half inch.
3. Color(s): As selected by Architect from manufacturer's full range.
4. Mounting: Concealed studs for substrates encountered unless noted otherwise.

C. Fabricated Channel Characters: Form exposed faces and sides of characters to produce surfaces free from warp and distortion. Include internal bracing for stability and attachment of mounting accessories. Comply with the following requirements:

1. Illuminated Frontlighted Channel Characters: Manufacturer's standard LED lighting including transformers, insulators, and other components. Make provisions for servicing and concealing connections to building electrical system.
2. Aluminum Sheet: Not less than 0.090 inch thick.

    a. Finish: Painted.
    b. Color: As selected by Architect from manufacturer's full range.

3. Provide translucent acrylic face sheet of thickness indicated. Attach characters to sheet metal back channels. Provide required to illuminate sign faces evenly.

    a. Color: As selected by Architect from manufacturer's full range.

D. Dimensional Character Sign Schedule:

1. Sign Type: Illuminated frontlighted channel characters :

    a. Sign identification: North School ID signage

        1) Character Size: 2'-0" tall letters.
        2) Text/Message: NORTH CENTRAL HIGH SCHOOL.
        3) Font style: As seelcted by Architect from manfacturer's full range
        4) Location: As indicated.
        5) Mounting: Bar across bottom for electrical wiring to each letter

2. Sign Type: Cast Characters

a. Sign identification: Auditorium signage

    1) Character Size: 18" tall letters
    2) Text/Message: AUDITORIUM
    3) Font style: As selected by Architect from manufacturer's full range
    4) Location: As indicated
    5) Mounting: Bottom (on top of bulkhead/fascia)

b. Sign identification: Art Gallery signage

    1) Character Size: 4" tall letters
    2) Text/Message: ART GALLERY
    3) Font style: As selected by Architect from manfacturer's full range
    4) Location: center of Art Gallery bulkhead
    5) Mounting: Flush

2.3 ACCESSORIES

A. Anchors and Inserts: Provide nonferrous-metal or hot-dip galvanized anchors and inserts for exterior installations and elsewhere as required for corrosion resistance. Use toothed steel or lead expansion-bolt devices for drilled-in-place anchors. Furnish inserts, as required, to be set into concrete or masonry work.

2.4 FABRICATION

A. General: Provide manufacturer's standard signs of configurations indicated.

1. Welded Connections: Comply with AWS standards for recommended practices in shop welding. Provide welds behind finished surfaces without distortion or discoloration of exposed side. Clean exposed welded surfaces of welding flux and dress exposed and contact surfaces.
2. Mill joints to tight, hairline fit. Form joints exposed to weather to exclude water penetration.
3. Preassemble signs in the shop to greatest extent possible. Disassemble signs only as necessary for shipping and handling limitations. Clearly mark units for reassembly and installation, in location not exposed to view after final assembly.
4. Conceal fasteners if possible; otherwise, locate fasteners where they will be inconspicuous.

2.5 FINISHES, GENERAL

A. Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.

B. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

C. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of the range of approved Samples. Noticeable variations in the same piece are not acceptable. Variations in appearance of other components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

2.6 ALUMINUM FINISHES

A. Clear Anodic Finish: Manufacturer's standard Class 1 clear anodic coating, 0.018 mm or thicker, over a satin (directionally textured) mechanical finish, complying with AAMA 611.

B. Baked-Enamel Finish: AA-C12C42R1x (Chemical Finish: cleaned with inhibited chemicals; Chemical Finish: acid-chromate-fluoride-phosphate conversion coating; Organic Coating: as specified below). Apply baked enamel complying with paint manufacturer's written instructions for cleaning, conversion coating, and painting.

2.7 ACRYLIC SHEET FINISHES

A. Colored Coatings for Acrylic Sheet: For copy colors, provide colored coatings, including inks, dyes, and paints, that are recommended by acrylic manufacturers for optimum adherence to acrylic surface and that are UV and water resistant for five years for application intended.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of work.

B. Verify that itemsare sized and located to accommodate signs.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

A. Locate signs and accessories where indicated, using mounting methods of types described and complying with manufacturer's written instructions.

1. Install signs level, plumb, and at heights indicated, with sign surfaces free of distortion and other defects in appearance.
2. Interior Wall Signs: Install signs on walls adjacent to latch side of door where applicable. Where not indicated or possible, such as double doors, install signs on nearest adjacent walls. Locate to allow approach within 3 inches of sign without encountering protruding objects or standing within swing of door.

B. Dimensional Characters: Mount characters using standard fastening methods to comply with manufacturer's written instructions for character form, type of mounting, wall construction, and condition of exposure indicated. Provide heavy paper template to establish character spacing and to locate holes for fasteners.

1. Flush Mounting: Mount characters with backs in contact with wall surface.
2. Projected Mounting: Mount characters at projection distance from wall surface indicated.

3.3 CLEANING AND PROTECTION

A. After installation, clean soiled sign surfaces according to manufacturer's written instructions. Protect signs from damage until acceptance by Owner.

END OF SECTION

SECTION 220533 - HEAT TRACING FOR PLUMBING PIPING

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes plumbing piping heat tracing for freeze prevention with the following electric heating cables:

1. Self-regulating, parallel resistance.

1.2 SUBMITTALS

A. Product Data: Clearly indicate the product, material, sizes, operating characteristics, power requirements, etc.

B. Shop Drawings: For electric heating cable.

1.3 INFORMATIONAL SUBMITTALS

A. Field quality-control reports.

B. Sample Warranty: For special warranty.

1.4 CLOSEOUT SUBMITTALS

A. Operation and maintenance data.

1.5 WARRANTY

A. Special Warranty: Manufacturer agrees to repair or replace electric heating cable that fails in materials or workmanship within specified warranty period.

1. Warranty Period: Three years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 SELF-REGULATING, PARALLEL-RESISTANCE HEATING CABLES

A. Manufacturers:

1. Thermon.

2. Raychem.
3. Approved Equal.

B. Comply with IEEE 515.1.

C. Heating Element: Pair of parallel tinned, stranded copper bus wires embedded in crosslinked conductive polymer core, which varies heat output in response to temperature along its length. Terminate with waterproof, factory-assembled, non-heating leads with connectors at one end, and seal the opposite end watertight. Cable shall be capable of crossing over itself once without overheating.

D. Electrical Insulating Jacket: Flame-retardant polyolefin.

E. Cable Cover: Tinned-copper braid and polyolefin outer jacket.

F. Maximum Operating Temperature (Power On): 150 deg F.

G. Maximum Exposure Temperature (Power Off): 185 deg F.

H. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.

I. Capacities and Characteristics:

1. Maximum Heat Output: 3 W/ft.
2. Piping Diameter: Refer to the drawings for pipe size application.
3. Electrical Characteristics for Single-Circuit Connection:

   a. Volts: 120.
   b. Phase: 1
   c. Hertz: 60.

2.2 CONTROLS

A. Pipe-Mounted Thermostats for Grease Waste Temperature Control:

1. Remote bulb unit with adjustable temperature range from 85 to 105 deg F.
2. Snap action; open-on-rise, single-pole switch with minimum current rating adequate for connected cable.
3. Remote bulb on capillary, resistance temperature device, or thermistor for directly sensing pipe-wall temperature.
4. Corrosion-resistant, waterproof control enclosure.

B. Programmable Timer for Grease Waste-Temperature Control:

1. Microprocessor based.
2. Minimum of four separate schedules.
3. Minimum 24-hour battery carryover.
4. On-off-auto switch.

5. 365-day calendar with 20 programmable holidays.
6. Relays with contacts to indicate operational status, on or off, and for interface with central HVAC control-system workstation.

2.3 ACCESSORIES

A. Cable Installation Accessories: Fiberglass tape, heat-conductive putty, cable ties, silicone end seals and splice kits, and installation clips all furnished by manufacturer, or as recommended in writing by manufacturer.

B. Warning Labels: Refer to Section 22 05 53 "Identification for Plumbing Piping and Equipment."

C. Warning Tape: Continuously printed "Electrical Tracing"; vinyl, at least 3 mils thick, and with pressure-sensitive, permanent, waterproof, self-adhesive back.

1. Width for Markers on Pipes with OD, Including Insulation, less than 6 Inches: 3/4 inch minimum.

PART 3 - EXECUTION

3.1 APPLICATIONS

A. Install the following types of electric heating cable for the applications described:

1. Temperature control for grease waste piping in tunnel and basement mechanical room: Self-regulating, parallel-resistance heating cable.

3.2 INSTALLATION

A. Electric Heating-Cable Installation for Temperature Control for Grease Waste Piping:

1. Install electric heating cables after piping has been tested and before insulation is installed.
2. Install electric heating cables according to IEEE 515.1.
3. Install insulation over piping with electric cables according to Section 22 07 19 "Plumbing Piping Insulation."
4. Install warning tape on piping insulation where piping is equipped with electric heating cables.

B. Set field-adjustable switches and circuit-breaker trip ranges.

C. Ground equipment according to Section 26 05 26 "Grounding and Bonding for Electrical Systems."

D. Connect wiring according to Section 26 05 19 "Low-Voltage Electrical Power Conductors and Cables."

3.3 FIELD QUALITY CONTROL

A. Perform the following tests and inspections with the assistance of a factory-authorized service representative:

1. Perform tests after cable installation but before application of coverings such as insulation, wall or ceiling construction, or concrete.
2. Test cables for electrical continuity and insulation integrity before energizing.
3. Test cables to verify rating and power input. Energize and measure voltage and current simultaneously.

B. Repeat tests for continuity, insulation resistance, and input power after applying thermal insulation on pipe-mounted cables.

C. Cables will be considered defective if they do not pass tests and inspections.

D. Prepare test and inspection reports.

E. Remove and replace damaged heat-tracing cables.

END OF SECTION 220533

SECTION 238413.29 - SELF-CONTAINED STEAM HUMIDIFIERS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section Includes:

1. Self-contained electric-resistance humidifiers.

1.3 DEFINITIONS

A. Low Voltage: As defined in NFPA 70 for circuits and equipment operating at less than 50 V or for remote-control, signaling power-limited circuits.

1.4 ACTION SUBMITTALS

A. Product Data: For each type of product. Include rated capacities, operating characteristics, furnished specialties, and accessories.

1.5 INFORMATIONAL SUBMITTALS

A. Coordination Drawings: Detail humidifiers and adjacent equipment. Show support locations, type of support, weight on each support, required clearances, and other details, drawn to scale, on which the following items are shown and coordinated with each other, based on input from installers of the items involved:

1. Structural members to which humidifiers will be attached.
2. Size and location of initial access modules for acoustical tile.

B. Field quality-control reports.

1.6 CLOSEOUT SUBMITTALS

A. Operation and Maintenance Data: For humidifiers to include in operation and maintenance manuals.

1.7 QUALITY ASSURANCE

A. Testing Agency Qualifications: An NRTL.

1.8 MAINTENANCE MATERIAL SUBMITTALS

A. Furnish extra materials described below that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.

1.9 COORDINATION

A. Coordinate location and installation of humidifiers with distributer tubes/manifolds in ducts and plenums or occupied space. Revise locations and elevations to suit field conditions and to ensure proper humidifier operation.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.

B. Comply with AHRI 640.

C. Comply with UL 998.

D. Listed and labeled by ETL.

2.2 SELF-CONTAINED ELECTRIC-RESISTANCE HUMIDIFIERS

A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

B. Basis-of-Design Product: Subject to compliance with requirements, provide product indicated on Drawings or comparable product by one of the following:

1. Armstrong International, Inc.
2. Carel USA, LLC.
3. DRI-STEEM Humidifier Company.
4. Herrmidifier.
5. Hygromatik; Spirax Sarco.
6. Neptronic; National Environmental Products, Inc.
7. Nortec Industries Inc.
8. Pure Humidifier Company.
9. .

C. Water Type: Suitable for use with tap softened reverse osmosis deionized water.

D. Immersion Heating:

1. Evaporation Chamber: Cleanable, stainless steel, type 304 or stainless steel, type 316.
2. Elements: Incoloy-sheathed, stainless-steel sheathed, or alloy-sheathed aluminum.

E. Cabinet:

1. Stainless-steel or painted-steel enclosure, factory-insulated for safe operating surface temperature, for housing heater cylinder, electrical wiring, components, controls, and control panel.
2. Hinged or removable cover, keyed to restrict unauthorized access.
3. Plumbing and electrical components housed in separate parts of the cabinet.
4. Threaded outlet in bottom of cabinet for drain piping.

F. Control Panel:

1. Microprocessor-based control system for modulating control.
2. Factory-wired disconnect switch.
3. Liquid-crystal display.
4. Programmable keypad.
5. Low-voltage control circuit, with fused transformer.
6. Diagnostic, maintenance, alarm, and status features.
7. Safety switch interlocked to shut off heaters when cabinet is open.
8. Internal electrical controls prewired to appropriately marked terminals for field connection.
9. Electrical terminals for connection to each controlling device and alarm.
10. NEMA 250, , to comply with environmental conditions at installed locations.
11. Material: Powder-coated steel <**Insert material**>.
12. Building Automation System Interface:

    a. Full Communication Interface: BACnet.
    b.

G. Controls:

1. Solenoid Fill Valve Maintains Water Level: Stainless steel, including fill tee with built-in air gap to prevent back siphoning. Include stainless-steel inlet strainer.
2. Field-adjustable conductivity controller to control drain cycle for flush duration and interval. Automatic flush is not required for reverse osmosis or deionized water applications.
3. Controls shall drain tanks if no demand for humidification for more than 72 hours.
4. Set-point adjustment.
5. Stainless-steel float switches for water-level control.
6. Low-water switch shuts down heater to protect elements.
7. Over-temperature switch shuts down heater.
8. Aquastat maintains minimum water temperature in tank during short periods of no demand.
9. Foaming detection and correction.

H. Area Dispersion Accessory: Stainless-steel tube, with integral fan that discharges vapor directly into occupied space. Designed for integral mounting onto humidifier cabinet.

I. Accessories:

1. Humidity Sensor: Wall mounted.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine ducts, air-handling units, and conditions for compliance with requirements for installation tolerances and other conditions affecting performance.

B. Examine roughing-in for piping systems to verify actual locations of piping connections before humidifier installation.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

A. Install humidifiers with required clearance for service and maintenance.

B. Equipment Mounting:

1. Comply with requirements for vibration isolation and seismic control devices specified in Section 230548 "Vibration and Seismic Controls for HVAC."
2. Comply with requirements for vibration isolation devices specified in Section 230548.13 "Vibration Controls for HVAC."

C. Install all manufacturer-furnished accessories in accordance with manufacturer's written installation instructions.

3.3 PIPING CONNECTIONS

A. Piping installation requirements are specified in other Sections. Drawings indicate general arrangement of piping, fittings, and specialties.

1. Install piping adjacent to humidifiers to allow service and maintenance.
2. Install shutoff valve, strainer, backflow preventer, and union in humidifier makeup line.

B. Install piping specialties furnished by manufacturer but not factory mounted.

C. Install piping from safety relief valves to nearest floor drain.

3.4 ELECTRICAL CONNECTIONS

A. Connect wiring according to Section 260519 "Low-Voltage Electrical Power Conductors and Cables."

B. Ground equipment according to Section 260526 "Grounding and Bonding for Electrical Systems."

C. Install nameplate for each electrical connection, indicating electrical equipment designation and circuit number feeding connection.

1. Nameplate shall be laminated acrylic or melamine plastic signs, as specified in Section 260553 "Identification for Electrical Systems."
2. Nameplate shall be laminated acrylic or melamine plastic signs with a black background and engraved white letters at least 1/2 inch high.
3. Locate nameplate where easily visible.

3.5 CONTROL CONNECTIONS

A. Install control and electrical power wiring to field-mounted control devices.

B. Connect control wiring between control devices.

C. Connect control wiring according to Section 260523 "Control Voltage Electrical Power Cables."

3.6 FIELD QUALITY CONTROL

A. Testing Agency: Engage a qualified testing agency to perform tests and inspections.

B. Manufacturer's Field Service: Engage a factory-authorized service representative to test and inspect components, assemblies, and equipment installations, including connections.

C. Perform the following tests and inspections:

1. Leak Test: After installation, charge system and test for leaks. Repair leaks and retest until no leaks exist.
2. Operational Test: After electrical circuitry has been energized, start units to confirm proper motor rotation and unit operation.
3. Test and adjust controls and safeties. Replace damaged and malfunctioning controls and equipment.

D. Humidifier will be considered defective if it does not pass tests and inspections.

E. Prepare test and inspection reports.

3.7 DEMONSTRATION

A. Train Owner's maintenance personnel to adjust, operate, and maintain humidifiers.

END OF SECTION

SECTION 262923 - VARIABLE-FREQUENCY MOTOR CONTROLLERS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section includes separately enclosed, pre-assembled, combination VFCs, rated 600 V and less, for speed control of three-phase, squirrel-cage induction motors.

B. Related Sections:

  1. Division 26 Section "Motor-Control Centers" for VFCs installed in motor-control centers.

1.3 ACTION SUBMITTALS

A. Product Data with Shop Drawings:

  1. Product Data: For each type and rating of VFC indicated. Include features, performance, electrical ratings, operating characteristics, shipping and operating weights, and furnished specialties and accessories.
  2. Shop Drawings: For each VFC indicated. Include dimensioned plans, elevations, and sections; and conduit entry locations and sizes, mounting arrangements, and details, including required clearances and service space around equipment.

    a. Show tabulations of installed devices, equipment features, and ratings. Include the following:

      1) Each installed unit's type and details.
      2) Factory-installed devices.
      3) Enclosure types and details.
      4) Nameplate legends.
      5) Short-circuit current (withstand) rating of enclosed unit.
      6) Features, characteristics, ratings, and factory settings of each VFC and installed devices.
      7) Specified modifications.

    b. Schematic and Connection Wiring Diagrams: For power, signal, and control wiring.

1.4 INFORMATIONAL SUBMITTALS

A. Load-Current and Overload-Relay Heater List: Compile after motors have been installed, and arrange to demonstrate that selection of heaters suits actual motor nameplate, full-load currents.

B. Load-Current and List of Settings of Adjustable Overload Relays: Compile after motors have been installed and arrange to demonstrate that switch settings for motor-running overload protection suit actual motors to be protected.

1.5 CLOSEOUT SUBMITTALS

A. Operation and Maintenance Data: For VFCs to include in emergency, operation, and maintenance manuals. In addition to items specified in Division 01 Section "Operation and Maintenance Data," include the following:

1. Manufacturer's written instructions for testing and adjusting thermal-magnetic circuit breaker and MCP trip settings.
2. Manufacturer's written instructions for setting field-adjustable overload relays.
3. Manufacturer's written instructions for testing, adjusting, and reprogramming microprocessor control modules.
4. Manufacturer's written instructions for setting field-adjustable timers, controls, and status and alarm points.

1.6 DESCRIPTION / QUALITY ASSURANCE

A. Source Limitations: Obtain VFDs of a single type through one source from local manufacturer representative. All VFDs on the jobsite shall be furnished from one VFD manufacturer and have a common user interface (control panel).

B. Drives that are manufactured by a third party and "brand labeled" shall not be acceptable. Drive manufacturers who do not build their own power boards and assemblies, or do not have full control of the power board manufacturing and quality control, shall be considered as a "brand labeled" drive.

C. Manufacturer Qualifications: Maintain, within 100 miles of project site, an independent factory certified sales and service center capable of performing certified start up, commissioning, warranty service, training, parts, emergency maintenance and repairs.

D. The VFD and all Electrical Components, Devices, and Accessories must be UL Listed and labeled.

E. This specification is intended to supplement a drive schedule. The drive schedule identifies the optimized BOM for the project and includes quantity, size, voltage, enclosure rating, options, and harmonic mitigation requirements of the drives. IEEE 519-2014 is an electrical system standard for harmonic mitigation and not intended to be applied to an individual piece of equipment.

1.7 PROJECT CONDITIONS

A. Environmental Limitations: Rate equipment for continuous operation, capable of driving full load without derating, under the following conditions unless otherwise indicated:

1. Ambient Temperature: Not less than 14 deg F and not exceeding 104 deg F.
2. Ambient Storage Temperature: Not less than minus 4 deg F and not exceeding 140 deg F)
3. Humidity: Less than 95 percent (noncondensing).
4. Altitude: 0 to 3,300 feet above sea level.

1.8 COORDINATION

A. Coordinate features of motors, load characteristics, installed units, and accessory devices to be compatible with the following:

1. Torque, speed, and horsepower requirements of the load.
2. Ratings and characteristics of supply circuit and required control sequence.
3. Ambient and environmental conditions of installation location.

B. Coordinate sizes and locations of concrete bases with actual equipment provided. Cast anchor-bolt inserts into bases.

C. Coordinate sizes and locations of roof curbs, equipment supports, and roof penetrations with actual equipment provided.

1.9 WARRANTY

A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace VFCs that fail in materials or workmanship within specified warranty period.

1. Warranty Period: Two years from date of Substantial Completion.
2. Warranty Coverage: At a minimum provide coverage for: Parts, on-site labor, and travel time and costs, or replacement of the complete drive as determined by the drive manufacturer's technical support.

PART 2 - PRODUCTS

2.1 MANUFACTURED UNITS

A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

1. ABB Model ACH580 with Bluetooth and Drivetune application by Fuller Engineering.

2. Approved equal such as Square D Model S-Flex 212; a brand of Schneider Electric if with Bluetooth and SoMove application and capable of ABB features including automatic load-side sensing shutdown upon opening remote disconnect. Documentation including data sheets and startup procedures required for review and approval by the engineer and owner.

B. Application: variable torque.

C. Design and Rating: Match load type, such as fans, blowers, and pumps; and type of connection used between motor and load such as direct or through a power-transmission connection.

D. Output Rating: Three-phase; 10 to 60 Hz, with voltage proportional to frequency throughout voltage range; maximum voltage equals input voltage.

E. Unit Operating Requirements:

1. Input AC Voltage Tolerance: Plus 10 and minus 10 percent of VFC input voltage rating.
2. Input AC Voltage Unbalance: Not exceeding 3 percent.
3. Ambient Temperature Rating: Not less than 14 deg F and not exceeding 104 deg F.
4. Ambient Storage Temperature Rating: Not less than minus 4 deg F and not exceeding 140 deg F)
5. Humidity Rating: Less than 95 percent (noncondensing).

F. Isolated Control Interface: Allows VFCs to follow remote-control signal over a minimum 40:1 speed range.

1. Signal: Electrical.

G. Internal Adjustability Capabilities:

1. Minimum Speed: 25 percent of maximum rpm.
2. Maximum Speed: 100 percent of maximum rpm.
3. Acceleration: 0.1 to 999.9 seconds.
4. Deceleration: 0.1 to 999.9 seconds.
5. Current Limit: 30 to minimum of 150 percent of maximum rating.

H. Self-Protection and Reliability Features:

1. Input transient protection by means of surge suppressors to provide three-phase protection against damage from supply voltage surges 10 percent or more above nominal line voltage.
2. Loss of Input Signal Protection: Selectable response strategy, including speed default to a percent of the most recent speed, a preset speed, or stop; with alarm.
3. Under- and overvoltage trips.
4. Inverter overcurrent trips.
5. VFC and Motor Overload/Overtemperature Protection: Microprocessor-based thermal protection system for monitoring VFCs and motor thermal characteristics, and for providing VFC overtemperature and motor overload alarm and trip; settings selectable via the keypad; NRTL approved.
6. Critical frequency rejection, with three selectable, adjustable deadbands.

7. Instantaneous line-to-line and line-to-ground overcurrent trips.
8. Loss-of-phase protection.
9. Reverse-phase protection.
10. Short-circuit protection.
11. Motor overtemperature fault.

I. Automatic Reset/Restart: Attempt three restarts after drive fault or on return of power after an interruption and before shutting down for manual reset or fault correction; adjustable delay time between restart attempts.

J. Power-Interruption Protection: To prevent motor from re-energizing after a power interruption until motor has stopped, unless "Bidirectional Autospeed Search" feature is available and engaged.

K. Bidirectional Autospeed Search: Capable of starting VFC into rotating loads spinning in either direction and returning motor to set speed in proper direction, without causing damage to drive, motor, or load.

L. Torque Boost: Automatically varies starting and continuous torque to at least 1.5 times the minimum torque to ensure high-starting torque and increased torque at slow speeds.

M. Motor Temperature Compensation at Slow Speeds: Adjustable current fall-back based on output frequency for temperature protection of self-cooled, fan-ventilated motors at slow speeds.

N. Integral Input Disconnecting Means and OCPD: NEMA AB 1, instantaneous-trip circuit breaker with pad-lockable, door-mounted handle mechanism.

1. Disconnect Rating: Not less than 115 percent of VFC input current rating.
2. Disconnect Rating: Not less than 115 percent of NFPA 70 motor full-load current rating or VFC input current rating, whichever is larger.
3. Auxiliary Contacts: NO/NC, arranged to activate before switch blades open.
4. Auxiliary contacts "a" and "b" arranged to activate with circuit-breaker handle.
5. NO alarm contact that operates only when circuit breaker has tripped.

2.2 CONTROLS AND INDICATION

A. Status Lights: Door-mounted LED indicators displaying the following conditions:

1. Power on.
2. Run.
3. Overvoltage.
4. Line fault.
5. Overcurrent.
6. External fault.

B. Panel-Mounted Operator Station: Manufacturer's standard front-accessible, sealed keypad and plain-English language digital display; allows complete programming, program copying, operating, monitoring, and diagnostic capability.

1. Keypad: In addition to required programming and control keys, include keys for HAND, OFF, and AUTO modes.
2. Security Access: Provide electronic security access to controls through identification and password with at least three levels of access: View only; view and operate; and view, operate, and service.

    a. Control Authority: Supports at least four conditions: Off, local manual control at VFC, local automatic control at VFC, and automatic control through a remote source.

C. Historical Logging Information and Displays:

1. Real-time clock with current time and date.
2. Running log of total power versus time.
3. Total run time.
4. Fault log, maintaining last four faults with time and date stamp for each.

D. Indicating Devices: Digital displaymounted flush in VFC door and connected to display VFC parameters including, but not limited to:

1. Output frequency (Hz).
2. Motor speed (rpm).
3. Motor status (running, stop, fault).
4. Motor current (amperes).
5. Motor torque (percent).
6. Fault or alarming status (code).
7. PID feedback signal (percent).
8. DC-link voltage (V dc).
9. Set point frequency (Hz).
10. Motor output voltage (V ac).

E. Control Signal Interfaces:

1. Electric Input Signal Interface:

    a. A minimum of two programmable analog inputs: 0- to 10-V dc 4- to 20-mA dc.
    b. A minimum of six multifunction programmable digital inputs.
2. Remote Signal Inputs: Capability to accept any of the following speed-setting input signals from the BAS or other control systems:

    a. 0- to 10-V dc.
    b. 4- to 20-mA dc.

3. Output Signal Interface: A minimum of one programmable analog output signal(s) (0- to 10-V dc), which can be configured for any of the following:

    a. Output frequency (Hz).
    b. Output current (load).
    c. DC-link voltage (V dc).

d. Motor torque (percent).
e. Motor speed (rpm).
f. Set point frequency (Hz).

4. Remote Indication Interface: A minimum of two programmable dry-circuit relay outputs (120-V ac, 1 A) for remote indication of the following:

   a. Motor running.
   b. Set point speed reached.
   c. Fault and warning indication (overtemperature or overcurrent).
   d. PID high- or low-speed limits reached.

F. PID Control Interface: Provides closed-loop set point, differential feedback control in response to dual feedback signals. Allows for closed-loop control of fans and pumps for pressure, flow, or temperature regulation.

   1. Number of Loops: One.

G. BAS Interface: Factory-installed hardware and software to enable the BAS to monitor, control, and display VFC status and alarms and energy usage. Allows VFC to be used with an external system within a multidrop LAN configuration; settings retained within VFC's nonvolatile memory.

   1. Network Communications Ports: Ethernet and RS-422/485.
   2. Embedded BAS Protocols for Network Communications: ASHRAE 135 BACnet Echelon LonWorks; protocols accessible via the communications ports. Provide protocol to be compatible with BMS provider.

2.3 LINE CONDITIONING AND FILTERING

A. Input Line Conditioning: The VFC shall have internal 5% impedance reactors to reduce harmonics to the power line and to add protection from AC transients. The 5% impedance may be from dual (positive and negative DC bus) reactors, or 5% AC line reactors. VFD's with only one DC reactor shall add AC line reactors. The VFC shall include a coordinated AC transient protection system consisting of 4 - 120 joule rated MOV's (phase to phase and phase to ground), a capacitor clamp and 5% impedance reactors.

B. Output Filtering: . If the motor load is located more than 100 ft. from VFC, provide output line. Size output line reactor to properly handle and protect the load.

C. Remote manual disconnect: If a remote disconnect is used on the load side of the VFC, an auxiliary set of contacts will be provided in that disconnect wired to disable the VFC. Run disable control wiring in separate conduit from power feed.

2.4 BYPASS SYSTEMS

A. Bypass Operation: Bypass shall be provided on applications that allow equipment to operate at 60 Hz safely. Bypass shall not be provided on applications that are pressure dependent including, but not limited to, VAV air handling unit fans, pressure dependent pumping systems, or applications where it would be possible to override equipment safeties due to operation in bypass. If provided, bypass systems must safely transfer motor between power converter output and bypass circuit, manually, automatically, or both. Selector switches set modes and indicator lights indicate mode selected. Unit is capable of stable operation (starting, stopping, and running) with motor completely disconnected from power converter.

B. Bypass Mode: Manual operation only; requires local operator selection at VFC. Transfer between power converter and bypass contactor and retransfer shall only be allowed with the motor at zero speed.

C. Bypass Mode: Field-selectable automatic or manual, allows local and remote transfer between power converter and bypass contactor and retransfer, either via manual operator interface or automatic control system feedback.

D. Bypass Controller: Two-contactor-style bypass allows motor operation via the power converter or the bypass controller; with input isolating switch and barrier arranged to isolate the power converter and permit safe troubleshooting and testing, both energized and de-energized, while motor is operating in bypass mode.

1. Bypass Contactor: Load-break, IEC-rated contactor.
2. Output Isolating Contactor: Non-load-break, IEC-rated contactor.
3. Isolating Switch: Non-load-break switch arranged to isolate power converter and permit safe troubleshooting and testing of the power converter, both energized and de-energized, while motor is operating in bypass mode; pad-lockable, door-mounted handle mechanism.

E. Bypass Controller: Three-contactor-style bypass allows motor operation via the power converter or the bypass controller; with input isolating switch and barrier arranged to isolate the power converter input and output and permit safe testing and troubleshooting of the power converter, both energized and de-energized, while motor is operating in bypass mode.

1. Bypass Contactor: Load-break, IEC-rated contactor.
2. Input and Output Isolating Contactors: Non-load-break, IEC-rated contactors.
3. Isolating Switch: Non-load-break switch arranged to isolate power converter and permit safe troubleshooting and testing of the power converter, both energized and de-energized, while motor is operating in bypass mode; pad-lockable, door-mounted handle mechanism.

F. Bypass Contactor Configuration: Full-voltage (across-the-line) Reduced-voltage (autotransformer) type.

1. NORMAL/BYPASS selector switch.
2. HAND/OFF/AUTO selector switch.

3. NORMAL/TEST Selector Switch: Allows testing and adjusting of VFC while the motor is running in the bypass mode.
4. Contactor Coils: Pressure-encapsulated type with coil transient suppressors.

    a. Operating Voltage: Depending on contactor NEMA size and line-voltage rating, manufacturer's standard matching control power or line voltage.
    b. Power Contacts: Totally enclosed, double break, and silver-cadmium oxide; assembled to allow inspection and replacement without disturbing line or load wiring.

5. Overload Relays: NEMA ICS 2.

    a. Melting-Alloy Overload Relays:

        1) Inverse-time-current characteristic.
        2) Class 10 tripping characteristic.
        3) Heaters in each phase matched to nameplate full-load current of actual protected motor and with appropriate adjustment for duty cycle.

    b. Bimetallic Overload Relays:

        1) Inverse-time-current characteristic.
        2) Class 10 tripping characteristic.
        3) Heaters in each phase matched to nameplate full-load current of actual protected motor and with appropriate adjustment for duty cycle.
        4) Ambient compensated.
        5) Automatic resetting.

    c. Solid-State Overload Relays:

        1) Switch or dial selectable for motor-running overload protection.
        2) Sensors in each phase.
        3) Class 10 tripping characteristic selected to protect motor against voltage and current unbalance and single phasing.
        4) Class II ground-fault protection, with start and run delays to prevent nuisance trip on starting.
        5) Analog communication module.

    d. NO isolated overload alarm contact.
    e. External overload reset push button.

2.5 ENCLOSURES

A. VFC Enclosures: NEMA 250, to comply with environmental conditions at installed location.

1. Dry and Clean Indoor Locations: Type 1.
2. Outdoor Locations: Type 3R.
3. Other Wet or Damp Indoor Locations: Type 4.

4. Indoor Locations Subject to Dust, Falling Dirt, and Dripping Noncorrosive Liquids: Type 12.

B. Plenum Rating: UL 1995; NRTL certification label on enclosure, clearly identifying VFC as "Plenum Rated."

2.6 ACCESSORIES

A. General Requirements for Control-Circuit and Pilot Devices: NEMA ICS 5; factory installed in VFC enclosure cover unless otherwise indicated.

1. Push Buttons, Pilot Lights, and Selector Switches: Standard-duty, type.

a. Stop and Lockout Push-Button Station: Momentary-break, push-button station with a factory-applied hasp arranged so padlock can be used to lock push button in depressed position with control circuit open.

B. NO bypass contactor auxiliary contact(s).

C. Control Relays: Auxiliary and adjustable solid-state time-delay relays.

D. Phase-Failure, Phase-Reversal, and Undervoltage and Overvoltage Relays: Solid-state sensing circuit with isolated output contacts for hard-wired connections. Provide adjustable undervoltage, overvoltage, and time-delay settings.

1. Current Transformers: Continuous current rating, basic impulse insulating level (BIL) rating, burden, and accuracy class suitable for connected circuitry. Comply with IEEE C57.13.

E. Supplemental Digital Meters:

1. Elapsed-time meter.
2. Kilowatt meter.
3. Kilowatt-hour meter.

F. Breather and drain assemblies, to maintain interior pressure and release condensation in NEMA 250, Type 4 Type 4X Type 12 enclosures installed outdoors or in unconditioned interior spaces subject to humidity and temperature swings.

G. Space heaters, with NC auxiliary contacts, to mitigate condensation in NEMA 250, Type 3R Type 4X Type 12 enclosures installed outdoors or in unconditioned interior spaces subject to humidity and temperature swings.

H. Cooling Fan and Exhaust System: For NEMA 250, Type 12; UL 508 component recognized: Supply fan, with stainless steel intake and exhaust grills and filters; 120 -V ac; obtained from integral CPT.

I. Sun shields installed on fronts, sides, and tops of enclosures installed outdoors and subject to direct and extended sun exposure.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine areas, surfaces, and substrates to receive VFCs, with Installer present, for compliance with requirements for installation tolerances, and other conditions affecting performance.

B. Examine VFC before installation. Reject VFCs that are wet, moisture damaged, or mold damaged.

C. Examine roughing-in for conduit systems to verify actual locations of conduit connections before VFC installation.

D. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

A. Coordinate layout and installation of VFCs with other construction including conduit, piping, equipment, and adjacent surfaces. Maintain required workspace clearances and required clearances for equipment access doors and panels.

B. Wall-Mounting Controllers: Install VFCs on walls with tops at uniform height and with disconnect operating handles not higher than 79 inches above finished floor unless otherwise indicated, and by bolting units to wall or mounting on lightweight structural-steel channels bolted to wall. For controllers not on walls, provide freestanding racks complying with Division 26 Section "Hangers and Supports for Electrical Systems."

C. Floor-Mounting Controllers: Install VFCs on 4-inch nominal thickness concrete base. Comply with requirements for concrete base specified in Division 03 Section "Cast-in-Place Concrete."

1. Install dowel rods to connect concrete base to concrete floor. Unless otherwise indicated, install dowel rods on 18-inch centers around the full perimeter of concrete base.
2. For supported equipment, install epoxy-coated anchor bolts that extend through concrete base and anchor into structural concrete floor.
3. Place and secure anchorage devices. Use setting drawings, templates, diagrams, instructions, and directions furnished with items to be embedded.
4. Install anchor bolts to elevations required for proper attachment to supported equipment.

D. Roof-Mounting Controllers: Install VFC on roofs with tops at uniform height and with disconnect operating handles not higher than 79 inches above finished roof surface unless otherwise indicated, and by bolting units to curbs or mounting on freestanding, lightweight, structural-steel channels bolted to curbs. Seal roof penetrations after raceways are installed.

1. Curbs and roof penetrations are specified in Division 07 Section "Roof Accessories."
2. Structural-steel channels are specified in Division 26 Section "Hangers and Supports for Electrical Systems."

E. Temporary Lifting Provisions: Remove temporary lifting eyes, channels, and brackets and temporary blocking of moving parts from enclosures and components.

F. Install fuses in each fusible-switch VFC.

G. Install fuses in control circuits if not factory installed. Comply with requirements in Division 26 Section "Fuses."

H. Install heaters in thermal-overload relays. Select heaters based on actual nameplate full-load amperes after motors have been installed.

I. Install, connect, and fuse thermal-protector monitoring relays furnished with motor-driven equipment.

J. Comply with NECA 1.

3.3 IDENTIFICATION

A. Identify VFCs, components, and control wiring. Comply with requirements for identification specified in Division 26 Section "Identification for Electrical Systems."

1. Identify field-installed conductors, interconnecting wiring, and components; provide warning signs.
2. Label each VFC with engraved nameplate.

B. Operating Instructions: Frame printed operating instructions for VFCs, including control sequences and emergency procedures. Fabricate frame of finished metal, and cover instructions with clear acrylic plastic. Mount on front of VFC units.

3.4 CONTROL WIRING INSTALLATION

A. Install wiring between VFCs and remote devices and facility's central-control system. Comply with requirements in Division 26 Section "Control-Voltage Electrical Power Cables."

B. Bundle, train, and support wiring in enclosures.

C. Connect selector switches and other automatic control devices where applicable.

1. Connect selector switches to bypass only those manual- and automatic control devices that have no safety functions when switches are in manual-control position.
2. Connect selector switches with control circuit in both manual and automatic positions for safety-type control devices such as low- and high-pressure cutouts, high-temperature cutouts, and motor overload protectors.

3.5 FIELD QUALITY CONTROL

A. Testing Agency: Engage a qualified testing agency to perform tests and inspections.

B. Manufacturer's Field Service: Engage a factory-authorized service representative to inspect, test, and adjust components, assemblies, and equipment installations, including connections.

C. Tests and Inspections:

1. Inspect VFC, wiring, components, connections, and equipment installation. Test and adjust controllers, components, and equipment.
2. Verify that voltages at VFC locations are within 10 percent of motor nameplate rated voltages. If outside this range for any motor, notify Architect before starting the motor(s).
3. Test each motor for proper phase rotation.
4. Perform each electrical test and visual and mechanical inspection stated in NETA Acceptance Testing Specification. Certify compliance with test parameters.
5. Correct malfunctioning units on-site, where possible, and retest to demonstrate compliance; otherwise, replace with new units and retest.

6. Test and adjust controls, remote monitoring, and safeties. Replace damaged and malfunctioning controls and equipment.

D. VFCs will be considered defective if they do not pass tests and inspections.

E. Prepare test and inspection reports, including a certified report that identifies the VFC and describes scanning results. Include notation of deficiencies detected, remedial action taken, and observations made after remedial action.

3.6 STARTUP SERVICE

A. Engage a factory-authorized service representative to perform startup service.

1. Complete installation and startup checks according to manufacturer's written instructions.

3.7 ADJUSTING

A. Program microprocessors for required operational sequences, status indications, alarms, event recording, and display features. Clear events memory after final acceptance testing and prior to Substantial Completion.

3.8 PROTECTION

A. Temporary Heating: Apply temporary heat to maintain temperature according to manufacturer's written instructions until controllers are ready to be energized and placed into service.

B. Replace VFCs whose interiors have been exposed to water or other liquids prior to Substantial Completion.

3.9 DEMONSTRATION

A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, reprogram, and maintain VFCs.

END OF SECTION

SECTION 274100 -- GENERAL CONDITIONS FOR AUDIO-VIDEO SYSTEMS

PART 1 - GENERAL

1.1 SUMMARY

A. The audio-video systems reference the systems specifically identified for the above referenced project. These systems are identified as:

1. Audio Systems including but not limited to:
    a. Input equipment
    b. Distribution equipment
    c. Mixing consoles and controllers
    d. Power amplifiers
    e. Digital Signal Processing
    f. Loudspeakers
    g. Wire and Cable
    h. Rigging and Hardware
2. Displays including but not limited to:
    a. Flat Panel Displays
    b. Video Projectors
    c. LED Video Walls
3. Video Systems including but not limited to:
    a. Input equipment
    b. Distribution equipment
    c. Wire and Cable
    d. Rigging and Hardware
4. Control Systems including but not limited to:
    a. Touchpanels
    b. Button Panels
    c. Virtual Panels
    d. Control Processors
    e. Control Programming
    f. Wire and Cable
5. Miscellaneous
    a. Equipment Racks
    b. Wall plates and Rack Panels
    c. Equipment Carts
    d. Power Distribution and Conditioning

1.2 SUMMARY OF WORK

A. General:

1. Provide audio-video systems engineering and installation for the above listed Project. Systems are to include all devices, equipment, installation, programming and commissioning in accordance with requirements of the contract documents and drawings.
2. The Work detailed within the Contract Documents has been specified to meet certain requirements for performance, appearance, and costs. It shall be the responsibility of the

Contractor to implement the guidelines and requirements contained in the Contract Documents and translate them into a complete design package containing all elements necessary for a complete, operational, and functionally integrated Audio Visual System(s).

3. Provide all work as detailed in the Contract Documents as a turnkey installation including all material, labor, engineering, warranties, taxes, freight, and permits. Only items and requirements specifically stated to be provided by others shall not be a requirement for this Section of the Work.

1.3 GENERAL CONDITIONS

A. The General Conditions of the above referenced project shall be considered part of this specification. Unless this Section contains statements which are more definitive or more restrictive than those contained in the Owner’s General Conditions, this Specification shall not be interpreted as waiving or overruling any requirements expressed in the General Conditions.

B. Work Experience
   1. Contractor agrees that they are familiar with the and have significant work experience in projects of this nature and scope. Contractor agrees to provide all materials, product and work to provide a complete and functional systems to the owner.
   2. Contractor must state if they intend to utilize a subcontractor for any portion of the work on this project. Contractor shall be liable for all work performed by any subcontractor. The Owner reserves the right to approve or disapprove any subcontractors.
   3. Contractor shall comply with all local and state regulations covering this work. Contractor shall rectify any work found to not be in compliance with any local or state regulatory agency.
   4. All permits and any required certifications shall be obtained and paid for by the Contractor. Contractor will forward evidence of any such required items to the owner.

1.4 RELATED WORK

1. The AV Contractor shall coordinate with the General Contractor, Electrical Contractor, and all other Building Trades as needed for junction box locations, raceways, pull boxes, and other pathways related to the AV systems installation.
2. The following specification sections relate to and are covered by this section:
   a. 274110 – Training for Audio-Video Systems
   b. 274116 – Integrated Audio-Video Systems
   c. 274125 – Audio-Video Control Systems

1.5 DEFINITIONS

A. The following shall be used as general identifiers as specified herein:
   1. Owner – Organization or person who has undertaken the above referenced project.
   2. Construction Manager – Contractor hired by the owner to coordinate and facilitate the construction of the project.
   3. Contractor – The company awarded the work of this section by the Construction Manager.
   4. Consultant – Company hired by the Owner or Architect to design the Audio-Video Systems.

5. Electrical Contractor – The company awarded the work for the electrical and raceway portions of the project, typically, but not limited to, Division 26.
6. Subcontractor -- Company or organization contracted by the Contractor to perform or supply any portion of this specification.
7. Work – The term "Work" means all construction and services specified within this document. The Work includes all related labor, materials, equipment, and services provided, or to be provided, by the Contractor to fulfill the specification's obligations.
8. Drawings – The term "Drawings" means all Audio-Video Systems Drawings and associated sketches, details, riser diagrams, etc.
9. As used in the Drawings and Specifications for the Work, certain nontechnical words and phrases shall be understood to have specific meanings as follows, regardless of indications to the contrary in the General Conditions or other documents governing the Work.
    a. "Furnish" – Purchase and deliver to the project site complete with all necessary parts, pieces, and accessories. Where required, purchasing shall include payment of all necessary sales taxes as may be required.
    b. "Install" – Unload new equipment or take an item furnished by others and place or mount at the location indicated by the project drawings or specifications.
    c. "New" – Manufacturer's current and most recent model, manufactured within the past year and not previously used.
    d. "Provide" – Furnish and Install.
10. Where the word "conduit" is used without specific reference to type, it shall be understood to mean "raceway".
11. Reference to "U.L. (Materials Construction) Standards" shall mean the "Standards for Safety" published by Underwriters Laboratories, Inc. Standards published by other certification agencies such as CSA and ETL may also be used.

1.6 DIVISION OF LABOR

A. Electrical Contractor shall furnish and install all conduit and boxes associated with the AV Systems as specified, as shown on the drawings, and as required by the Contractor.

B. Electrical Contractor shall supply a pull string in all conduits for the Contractor.

C. All Audio-Video wiring shall be supplied and installed by the Contractor.

D. All electrical connections carrying line voltage (above 100 volts) shall be connected and terminated by the Electrical Contractor. All line voltage wire and cable for the audio and video systems shall be provided by the Electrical Contractor.

E. All electrical connections carrying low voltage (below 100 volts) shall be connected and terminated by the Installing Contractor. All low voltage wire and cable for the audio and video systems shall be provided by the Installing Contractor.

1.7 QUALITY ASSURANCE

A. All electrical installation shall be in compliance with the N.E.C., and shall be inspected by the Local or State Electrical Inspection Authority. All installation shall be subject to inspection by the Local Authority Having Jurisdiction. All installation shall be in accordance with the AHJ.

Any installation methods found to not be in compliance with the AHJ shall be rectified by the contractor without claim for additional payment.

B. Bidders for this section are expected to be an authorized dealer for all major pieces of equipment or purchasing them through an authorized dealer. Documentation of dealer status may be requested from bidders. Failure to provide adequate documentation may be grounds for disqualification from the bidding process.

C. The master/lead technician working on site shall have a minimum certification of CTS with CTS-I highly preferred. The primary project engineer shall have a minimum certification of CTS with CTS-D highly preferred. Failure to provide proper qualifications shall be grounds for disqualification from the bidding process.

D. Any AV work found by the Architect, Construction Manager, Owner, or Consultant to not be acceptable or in compliance with the specifications and drawings will be rectified by the Contractor with no additional claim for compensation.

E. Any expense incurred by the Owner to correct or rectify unsatisfactory work of the Contractor shall be borne by the Contractor. The Owner may withhold any money due to the contractor or recover any money already paid to the contractor to cover any such expenses.

1.8 PRE-INSTALLATION SUBMITTALS

A. Submittal sheets are required to be submitted for all specified equipment. All submittals and shop drawings shall be submitted and approved by the Consultant prior to the beginning of installation. These submittals shall be provided not more than 4 weeks following award of contract.

1. If a control system is part of the project the touchpanel layouts and control system programming shall be submitted for approval prior to the start of installation. See specification section 274125 for Control System requirements.
2. Contractor shall furnish an electronic PDF document for any equipment request that is not the specified product. If requested by the Construction Manager, a printed submittal set can be submitted and is to be bound on the left side and printed on 8.5x11 inch paper.
3. A complete Bill of Materials (with associated cut sheets for each piece of equipment) will be submitted by the Installing Contractor showing all the equipment to be installed. Materials will be listed in the same order that the products are listed in the Appendix of the corresponding specification. Each sub system will be shown with all of the products to be installed as part of that sub system in the order listed in the specification. The Bill of Materials will indicate the quantity being supplied, the manufacturer, the model of the equipment, and a brief description of the equipment.
4. All product data sheet submittals shall be organized in the same order that products are listed in the appendix of this specification. Each sub system of the design shall have the product data sheet for each piece of equipment contained in that sub system – organized in the order listed in the specification. Under no circumstance shall the product data sheets be organized in alphabetical order. Any product data sheet submittals not conforming to this will be automatically rejected.
5. Contractor shall furnish an electronic PDF set of shop drawings detailing a complete installation plan. Shop drawings are expected to expand upon the construction documents and shall show all components and wires, complete with individual wire numbers, proposed rack layouts, riser diagrams and schematics for individual subsystems,

calculations, and details of proposed rigging. Schematics shall show a separate designation for each device and labeling shall correspond to that of the rack layouts. Installing Contractor shall convey that that the system is ready to install as shown in the shop drawings, and that details not explicitly defined by this specification or on the drawings have been addressed by the Contractor. Submittal drawings should match the native size of drawings in the project documentation.

6. Scanned or copied versions of the construction documents will not be accepted and shall be automatically rejected.
7. Failure to furnish all information as noted above shall result in the rejection of submittals.
8. Some of the Consultant’s floor plan drawings may be available for use by the Contractor in preparing shop drawings.

1.9 STANDARDS

A. All equipment and installation practices, where applicable standards have been established, shall be built and installed to the standards of the following institutions:
  1. Underwriters Laboratories, Inc. (UL): Comply with requirements of UL-50
  2. NFPA 70, National Electric Code (NEC)
  3. InfoComm 2M-2010: AV Design and Coordination Processes
  4. InfoComm F501.01:2015: Cable Labeling for Audiovisual Systems
  5. InfoComm V202.01:2016: Display Image Size
  6. ANSI/InfoComm 10:2013: Audiovisual Systems Performance Verification
  7. ANSI/InfoComm 1M-2009: Audio Coverage Uniformity
  8. ANSI-J-STD-710: Audio, Video and Control Architectural Drawing Symbols
  9. EIA Compliance: Comply with following Electronics Industries Standards:
     a. Sound Systems, EIA-160
     b. Loudspeakers, Dynamic Magnetic Structures and Impedance, EIA-299-A
     c. Racks, Panels and associated equipment, EIA-310-A
     d. Amplifiers for Sound Equipment, SE-101-A
     e. Speakers for Sound Equipment, SE-103
  10. TIA/EIA-607 Telecommunications Grounding
  11. BICSI Telecommunications Distribution Methods Manual (Ninth Edition)
  12. Federal Communications Commission Part 15
  13. Audio Engineering Society (AES)

1.10 APPROVED VENDORS

A. Advanced Systems Group (260) 497-1564

B. CSD – Custom Sound Designs (260) 918-3500

C. CIM/CCS (800) 742-5036

D. ESCO Communications (800) 613-3726

E. Sensory Technologies (800) 488-4336

F. Shoemaker (317) 547-8000

G. TPC Technologies (269) 687-9798

H. Ultimate Technologies Group (317) 588-1200

I. Tech Electronics (317) 420-4293

1.11 DELIVERY, STORAGE, AND CONDITIONS

A. Include delivery, storage, and handling of all products and materials to be delivered and installed.

B. Contractor shall be responsible for providing on-site storage if necessary. Contractor may negotiate a storage facility with the Construction Manager, but shall still be responsible for his own materials.

C. Contractor shall provide all necessary means to protect and safeguard their work from damage by other contractors and trades up to the date of final acceptance by the Owner. Contractor shall be responsible for all costs to clean and repair any damage to installed systems unless the contractor proves to the Owner’s satisfaction that the damage was caused by other contractors.

D. Installing Contractor bears the responsibility to verify all site conditions and coordinate with the Electrical Contractor to ensure a complete and functional system is supplied to the Owner.

E. Verify dimensions of major components to check for entry through doors, ceiling height clearance, and column interference prior to the installation of the equipment.

F. Installing Contractor shall stay aware of all project time schedules and shall coordinate with all other trades for all aspects of the work.

G. Installing Contractor shall include provisions in the bid to make at least three (3) visits to the site prior to beginning of site work to verify site conditions, coordinate with other trades, meet with representatives of the Owner, or deal with other issues that may arise in the course of building construction.

H. In addition to the three (3) site visits the Installing Contractor shall attend progress meetings and foreman meetings as required by the Construction Manager.

1.12 OWNER FURNISHED EQUIPMENT

A. The Owner reserves the right to furnish any materials necessary for the Project.

B. For items of equipment which are to be installed but not purchased as part of the Work, the Work shall include:
1. Coordination of any necessary delivery.
2. Unloading equipment and boxes from delivery trucks.
3. Safe handling of the equipment until final installation.
4. Inspection of all items and testing as necessary to verify proper operation of the equipment.
5. Immediately notify the Owner of any non-functional items. Any damaged item not brought to the owner’s attention within 1 week will be considered damaged by the Contractor.
6. Install all owner furnished items as noted in the project specifications and drawings.

1.13 WARRANTY

A. The Installing Contractor shall provide timely maintenance of any malfunctions of the installed systems, at no additional cost to the owner, for a period of twelve (12) months from the date of acceptance by the owner unless damage or failure of the system is caused by misuse, abuse, neglect, or accident.

B. The Installing Contractor shall guarantee availability of local service by factory-trained personnel from an authorized distributor of the equipment manufacturer. The distributor shall have available a stock of the manufacturer's standard parts.

PART 2 - PRODUCTS

2.1 MATERIALS

A. Refer to sections under section 27 41 00 -- Part 1 for all Equipment Specifications listed by space and type.

B. Refer to the associated Appendices for all equipment to be installed. Contractor shall be liable to provide a complete and functional system regardless of whether parts are specifically identified in the specifications and equipment lists.

C. In the event that a conflict would arise between the equipment lists and the associated drawings the contractor shall provide the greater quantity or cost impact to the project.

2.2 REQUESTS FOR ALTERNATES

A. Requests for equipment to be considered as alternates shall be considered under the following circumstances:

1. Alternate requests shall be submitted to the consultant.
2. Show the original item specified and the proposed alternate.
3. Provide a shop drawing showing how the equipment integrates to the rest of the system.
4. Provide speaker mapping data (if alternate requested is a loudspeaker).
5. Provide a demo piece of equipment for testing by the consultant (if requested).
6. Install the specified equipment if the request is denied.

PART 3 - EXECUTION

3.1 GENERAL INSTALLATION (MATERIAL AND WORKMANSHIP)

A. Non-compliance with any of the following as deemed by the Owner or Consultant shall be cause for rejection of Work by the Owner, and replacement by Contractor to Owner’s satisfaction, and at no added cost to the Owner.

1. All materials, methods, and workmanship shall be performed as specified.
2. If an installation practice contrary to these specifications and drawings is desired by the contractor, then the Contractor shall make a written request to that effect. Modifications shall not be implemented without written approval from the Consultant and/or Owner.
3. If a circumstance should arise where the specified item is no longer available, then the Contractor shall supply the manufacturer’s current model and verify that the product is

compatible with the other system components. Contractor shall bear all costs associated with this verification and testing. Failure to properly verify compatibility shall not be grounds for any additional payment.

4. All installation shall be in accordance with generally accepted broadcast, video , and audio engineering practices.
5. Contractor shall work closely with all other trades on the project to meet appropriate deadlines and complete work in a timely manner. Should Contractor fail to meet such deadlines, appropriate compensation for lost usage of the systems and space shall be withheld from payment of any fees Contractor is due or has already been paid.
6. Contractor is responsible to verify all site conditions and to coordinate with other trades to ensure that a complete and functional system is provide to the Owner. Verify all dimensions of equipment for clearance through doors and other potential obstructions.
7. Contractor shall be liable to protect their work from damage up to the date of final acceptance by the owner.
8. All permanently installed equipment will be secured in place with a minimum safety factor of 5.

3.2 FIRMWARE UPDATES

A. All audio and video equipment shall be updated with the latest firmware prior to installation in the field.

B. Every piece of equipment must have the firmware verified prior to installation.

C. All time required for firmware updates should be included as part of the Contractor’s cost for the project.

3.3 TRIM RINGS AND COVERS

A. Contractor shall work with other trades to ensure that all boxes are mounted plumb, square, and do not have excessive gaps between the box and surrounding wall.

B. Contractor shall supply a suitable trim or extension for any panel that does not cover the gap between the wall and edge of the panel.

3.4 SUBCONTRACT

A. The Installing Contractor shall be responsible for the complete and unconditional implementation of each system, even though he may have subcontracted a portion of the installation or had certain manufacturers install their own equipment.

B. Any delay in system commissioning caused by a Subcontractor shall be the responsibility of the Installing Contractor. If such delays cause significant disruption to the successful completion and usage of the project, the Installing Contractor shall be liable for reasonable compensation to the owner.

3.5 CONDUIT AND CABLE ROUTING

A. Electrical Contractor shall furnish and install all conduit and boxes associated with the audio and video systems as shown on the drawings. Contractor shall coordinate with the Electrical Contractor for any additional conduits that may be required.

B. Electrical Contractor shall provide all junction boxes for the audio and video systems with appropriate covers.

C. All conduits not specifically identified shall be 3/4".

D. All conduits below grade shall be PVC or as required by code. All conduits above grade shall be EMT or as required by code. Refer to Division 26 documents for conduit specification details.

E. There shall be no more than three (3) 90-degree bends in audio or video conduit between pull points. If a conduit run requires more than two bends or if the conduit run is in excess of 150' in total length, insert a pull box. If it is not practical to install a pull box in the run due to field conditions, the conduit size shall be increased to the next trade size for each additional 90-degree bend. Offsets shall be considered as equivalent to a 90-degree bend.

F. All conduits to be labeled at the source box with the destination box in a clear and logical manner.

G. Ends of all conduits are to be deburred and bushed.

H. All conduits terminating inside of an audio/video enclosure (e.g. rack) or not terminating in a junction/pull box shall be provided with plastic insulated bushings.

I. Electrical Contractor shall be responsible to provide a poly pull-line in each conduit.

J. Line voltage conduits shall maintain a minimum of 24" separation from audio or video signal conduits except to cross at 90-degree angles when necessary.

K. All metal Audio and Video equipment racks must be isolated or insulated from any metallic conduits. The final connection to these audio racks or panels shall be with PVC, non-metallic flex or any other non-metallic conduit. Or, where appropriate and approved, the cables can enter the rack or panel in a bundle through a bushed opening.

L. Junction boxes and pull boxes in the conduit system do not have to be isolated, only racks or panels with electrical power and electronic audio devices.

M. Electrical power feed to an audio rack or audio panel shall also be via PVC or non-metallic or insulated conduit.

N. All cables shall be laced or tied securely to assure no malfunctions resulting from interference of other trades or routine future maintenance.

3.6 CABLE INSTALLATION AND LABELLING:

A. The AV contractor shall supply all jumper cables and interconnect cables for equipment within racks.

B. All cables and wires throughout the installation will have a unique wire label at each termination and connection point. Labels shall use clear wrap-around number or letter cable markers. Any unlabeled cables found at system checkout shall be immediately labeled. Failure to label wires will be grounds for rejection of work.

C. All wire markers in a given rack shall face a common direction for easy reading.

D. Cable wire markers shall be approximately 4” from the shell of the connector and must be visible outside of any cable bundle or lacer bar.

E. XLR connectors utilizing insulation displacement or solderless connections will not be acceptable.

F. All cable used in plenum spaces or air ducts shall be plenum rated or in conduit.

G. Under no circumstance shall a wire splice be installed in conduit.

H. No cable shall be installed with a bend radius less than what is recommended by the manufacturer.

I. All cables shall be grouped according to the signal level type. Cabling should be separated into the following general categories:
    1. Power Cables
    2. Control Cables
    3. Video Cables
    4. Microphone level audio cables
    5. Line level audio cables
    6. Speaker level audio cables

J. Run power cables, control cables, and speaker level cables on the left side of the rack. All other cables shall be run on the right side of the rack.

K. All cables shall be secured in place utilizing Velcro wraps. Wire “zip ties” shall not be used to secure cables.

L. All inter-rack cabling shall be neatly strapped, dressed, and supported as approved by the Owner or Consultant. Cabling within racks shall be contained in Panduit finger tray and secured to lacer bars when appropriate.

M. All cabling installed outside of racks shall be dressed in a suitable harness or loom to keep cables clean, neat, and tidy.

N. All cables shall be cut to the length dictated by the run. All equipment installed in racks shall have a service loop of appropriate length.

1. For equipment mounted in racks accessible from both front and back, provide a service loop length sufficient to plug and unplug cable from the unit to allow for trouble-shooting and service of equipment.
2. For equipment mounted in racks accessible from the front only, provide a service loop length sufficient to remove the unit from the rack and easily plug and unplug all connectors.

3.7 IDENTIFICATION

A. All labels on panels or plates shall be white lettering on black background. All lettering on panels and plates shall be engraved. Panels and plates shall have a minimum thickness of .125”. All labels shall correspond to the drawings. Any labels found unacceptable shall be remedied by the Contractor without claim for additional payment.

B. Every piece of rack-mounted equipment should have a label on the front and back showing the following:
   1. Input and output lines
   2. Schematic drawing designation
   3. Devices outside the rack serviced by the equipment

3.8 TESTING AND ADJUSTMENTS

A. Acceptance testing: Before Acceptance Tests are scheduled, the Installing Contractor shall perform his own systems checkout. Installing Contractor shall furnish all required test equipment and shall perform all work necessary to determine and/or modify performance of the system to meet the requirements of these specifications and drawings. This work shall include the following:
   1. Testing of all inputs, outputs, and tie-lines.
   2. Testing of all display devices, equipment configurations, speakers and jacks.
   3. Testing of any other wires or components.
   4. Test all audio for compliance with the Performance Standards.
   5. Check all controls functions, from all controlling points to all controlled devices, for specified operation.

B. Testing Personnel: The Installing Contractor shall have a minimum of two persons knowledgeable as to the systems as installed available for testing and adjustment with the Consultant.
   1. All costs to the Installing Contractor for testing personnel shall be included in the bid.
   2. Installing Contractor shall allow for up to (8) eight hours of testing and adjustments with the Consultant.
   3. Failure of the Installing Contractor to provide adequate personnel or testing equipment causing lost time to the Consultant shall result in the Installing Contractor paying the Consultant’s standard hourly rate for additional time and expenses as necessary.

C. Test Equipment: Contractor shall have the following available for testing and commissioning of the system:
   1. All test equipment shall be furnished by the Contractor
   2. Computer measurements shall be performed using SMAART or EASERA
   3. Current laptop computer with the DSP manufacturer’s current software installed

4. High quality multi-meter: Fluke or Similar
5. Sweepable tone generator
6. Impedance meter
7. RF scanner (100 MHz up to 5 MHz)

D. Noise, rattle, or buzz
   1. Run the system in each specified mode of operation
   2. Make sure the system is free of any hum, noise, rattles or other distortions
   3. Use both speech and high quality music to test the system
   4. Apply swept sine waves to the system to listen for any anomalies
   5. Correct any issues revealed by the above tests

E. Provide a written report to the consultant documenting the system testing performed.

3.9 FINAL ACCEPTANCE

A. After approval of the Contractor’s test report the Contractor shall demonstrate the basic operation of the system and each major component of the system.

B. A printed “quick start” guide will be given to each of the training participants. Additionally, the quick start guide will be posted at the tech desk and on the equipment rack. Guides should be laminated.

C. The Contractor shall provide a copy of the software for every component that utilizes an outboard computer for setup and configuration. The Installing Contractor shall demonstrate the usage of each configuration software to the Owner’s Representative.

D. All final “As-Built” drawings, manuals, any other required documents shall be reviewed and approved.

E. Any additional time incurred by the Consultant required to oversee system testing due to improper system installation shall be charged directly to the Contractor at the Consultant’s standard hourly rate.

END OF SECTION

SECTION 274110 – TRAINING FOR AUDIO-VIDEO SYSTEMS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

B. Some information contained in this specification is also found on the associated drawings and in the following specification sections. Work shown on drawings or described in other spec sections is deemed to be in both.

C. Related Specification Sections:
   1. 274100 General Conditions for Audio-Video Systems
   2. 274116 Integrated Audio-Video Systems
   3. 274125 Audio-Video Control Systems

1.2 TRAINING FORMAT

A. Presenter: The presenter for the training session should be an individual who has been directly involved with the project and is very familiar with both the design intent and the actual installation. It is essential that the Presenter have experience with operating and training similar systems.

B. Attendees: The client or end user should determine who will be at the training. Generally smaller groups (8-10 persons max) are better. Training should occur at a time and place arranged with the client or end user after the system(s) are fully complete and operational.

C. Audio Instruction: A presentation of basics and fundamentals of how sound systems function should be included as part of the training. The following topics should be discussed:
   1. Decibel Levels
   2. Frequency
   3. Voltage
   4. Gain Structure
   5. Inputs, outputs, and controls
   6. Loose equipment

D. Video Instruction: A presentation and discussion of basics and fundamentals of video and video systems should be included as part of the training. The following topics should be discussed:
   1. Video connectors
   2. Video formats and resolutions
   3. Digital and analog video signals
   4. Distance limitations
   5. Discuss various video sources (cameras, players, computers, etc.) and how to get signal/files into the system

E. Field Training: Hands on instruction for the use and maintenance of the systems.
  1. Demonstrate all controls.
  2. Demonstrate how all temporary or portable connections are performed.
  3. Demonstrate any routing or configuration options

1.3 TRAINING LENGTH

A. The client or end user shall be entitled to a total of 3 hours of initial training time. Generally, this would be (2) 1.5-hour sessions at or near the time of substantial completion.

B. The client or end user shall be entitled to a follow up training session approximately 1 month after the initial training is completed. Exact scheduling can vary. This training session is to be (1) one-hour session.

1.4 SUPPORT MATERIALS

A. Training Manuals containing the following:
  1. Cover sheet indicating the type of training being performed
  2. Contact information
  3. Table of contents
  4. Printed copy of any presentations
  5. Materials List including any loose equipment
  6. Owner’s and instruction manuals
  7. Record Documents including an as-built drawings.

PART 2 - PRODUCTS

PART 3 - EXECUTION

A. PREPARATION
  1. Submit a copy of all training materials to the consultant for review and approval prior to the training sessions.

END OF SECTION

SECTION 274116 - AUDIO SYSTEMS

NOTE: DELETE AND REPLACE THIS PAGE IN FINAL PROJECT MANUAL WITH CORRESPONDING THIRD PARTY SECTION

SECTION 274116.61 – INTEGRATED AUDIO-VIDEO SYSTEMS FOR THEATERS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Some information contained in this specification is also found on the associated drawings and in the following specification sections. Work shown on drawings or described in other spec sections is deemed to be in both.

B. Related Specification Sections:
  1. 274100 General Conditions for Audio-Video Systems
  2. 274110 Training for Audio-Video Systems
  3. 274125 Audio-Video Control Systems

1.2 PERFORMING ARTS CLASSROOM REMOVAL AND DEMOLITION

A. Most of the existing sound equipment will be removed as part of the project. The existing equipment in the main equipment racks will be removed – the racks will remain and be re-used as part of the project. The existing AV racks and equipment at the tech booth will also be removed.

B. The existing audio I/O plates in floor boxes will be removed along with all associated wiring. The existing floor boxes and conduit will remain and be re-used as part of the project. The existing stage right wall rack, equipment, and associated wiring will be removed.

C. The existing rear projector and projection screen will be removed, along with all associated wiring.

D. All other installed sound equipment including the speakers, amplifiers, processing equipment, and miscellaneous items in racks will be removed, and the school district shall have the right to re-use and/or re-purpose any of those items to other spaces.

1.3 PERFORMING ARTS CLASSROOM AUDIO SYSTEM SUMMARY

A. The new audio system design will allow for high quality speech and performance music reinforcement. A speaker system comprised of a left/center/right speaker pattern will cover the seating areas. Amplifiers and processing to support the speakers will be located in the existing equipment rack in Storage K225C.

B. A 28-fader digital mixing console and mix rack from Allen & Heath will provide the primary audio control of the space. The mixing console and some audio equipment will be located in the control location at the front of the balcony. Two (2) 16x8 Dante stage boxes will be provided with the system for audio input/output on stage and in the orchestra pit. Several passive monitor speakers will receive audio signals from dedicated monitor channels to facilitate audio monitoring for the performers on stage. Dedicated audio network jacks will be installed at the new I/O locations at stage left, stage right, in existing floorboxes and in the control booth to allow for audio connections into and out of the system.

C. All audio network jacks will be plugged in to dedicated audio network switches to distribute and route the audio channels through the system. Stereo audio and multi-channel recordings of events can be made on a virtual sound card (via a computer) or on a dedicated recording device. A streaming interface box will have the ability to send audio (and video) signals to the web.

D. New microphone jacks will be installed in the ceiling and these will land on audio inputs in the main equipment rack for crowd noise and audio feeds to the Assistive Listening System.

E. Four new channels of wireless microphone receivers and bodypacks (as well as one handheld transmitter) will be combined with four (4) headset and one (1) lapel/hairline microphones for flexibility for presenters and performers. Wireless receivers will be located at the audio control booth in the balcony.

F. A new shallow rack will be installed on stage left and will function as a simple control location, or Stage Manager’s Panel (SMP). This rack will provide non-technical personnel with the ability to easily control the sound and video systems. A small amount of microphone input mixing capability (wired and wireless), a Bluetooth Connection and an mp3 input will facilitate the ease of use of the system in this location without requiring a technician to be present for all events. Control of all these items will come from a simple and easy to use touch panel located in the SMP.

G. Production personnel must be able to communicate to each other throughout the facility whenever events are rehearsing or in operation. To achieve this, a new wireless intercom system will be installed. The main base station will be located in the SMP equipment rack and the antennas extended out into the auditorium and stage space. A total of 6 new belt packs will be included with the system along with headsets, batteries, and charging stations.

H. A new, Wi-Fi based Assistive Listening System will be installed in the main equipment rack and broadcast over the building network to meet ADA guidelines.

1.4 NORTH CENTRAL HIGH SCHOOL VIDEO SYSTEM SUMMARY

A. The auditorium will have one new, high contrast, front projected, motorized video screen installed in a central position on stage. The projection screen will have a 12,000 lumen projector and will be approximately 92” x 164”, motorized, and will be suspended from above.

B. Two (2) 7” touch panels in conjunction with a control processor will turn the video system on/off, route video signals to the projector, and provide preset recall for the lighting system (if desired). One of the panels will be mounted at the stage managers panel (SMP) and one will be located in the audio control booth. A portable laptop input box will have the ability to plug in at the front of the stage, audio control booth, and stage wings. Additional HDMI inputs will be available at the control booth and the SMP rack.

C. A single Pan/Tilt/Zoom (PTZ) camera will be mounted at the back of the auditorium space. This camera will connect to a new AV-over-IP video distribution system. The video distribution system will send digitized video signals over a dedicated network to new video output devices in the auditorium space. A streaming video feed will be available to send to the internal building network or web for external viewing as needed. Portable video input boxes will utilize the new audio/video network connections to send video signals over the network switch to receivers located at each video output device.

1.5 REHEARSAL THEATER AUDIO SYSTEM SUMMARY

A. The new audio system design will allow for high quality speech and performance music reinforcement. A speaker system comprised of two (2) wall-mounted speakers and four (4) grid-mounted speakers will cover the seating areas. Amplifiers and processing to support the speakers will be located in a new equipment rack in the back of the space.

B. A mic input located near the equipment rack will function as a mixer input for the space. A Bluetooth input will allow for audio input into the system without a technician present.

1.6 REHEARSAL THEATER VIDEO SYSTEM SUMMARY

A. The auditorium will have one new, high contrast, front projected, motorized video screen centered on the teaching wall. The projection screen will have a 7,000 lumen projector and will be approximately 65” x 104” and motorized.

B. One (1) 7” touch panels mounted at the teaching wall and in conjunction with a control processor will turn the video system on/off, route video signals to the projector, and control the audio levels. A wall-mounted video input will provide video signal to the projector.

C. Control System – See Section 274125 for Control System description and programming requirements.

1.7 PREFERRED VENDORS

A. Preferred vendors shall have the following:
   1. At least 10 years experience in the industry.
   2. Completed at least 3 projects of similar size and scope within the last 5 years.
   3. Have an Avixa CTS-D and CTS-I certified member on staff.

B. Advanced Systems Group (260) 497-1564

C. CSD – Custom Sound Designs (260) 918-3500

D. CIM/CCS (800) 742-5036

E. ESCO Communications (800) 613-3726

F. Sensory Technologies (800) 488-4336

G. Shoemaker (317) 547-8000

H. TPC Technologies (269) 687-9798

I. Ultimate Technologies Group (317) 588-1200

J. Tech Electronics (317) 420-4293

PART 2 - PRODUCTS

2.1 AUDIO EQUIPMENT

A. See appendices A, B, C for specific Manufacturer and Model numbers for each system and subsystem.

B. Cross reference all drawings to the equipment list as shown in the appendices. Equipment shown in the appendices is for reference and assistance in bidding the project, but it is possible that not all equipment will be reflected in the appendices. Contractor shall provide a complete and functional system as designed regardless of whether a specific component is specifically noted in the Appendix.

C. All equipment shall be new and shall be the manufacturer’s newest and most current version of the product.

D. Following are general categories of equipment that will form the system. See drawings for quantities and sizing of all equipment.

1. Equipment Racks
    - a. Full size (44 RU) gang and stand-alone racks
    - b. Wall-mounted equipment racks
    - c. Desktop equipment racks
    - d. Podium/lectern mounted equipment racks
2. Power sequencing and distribution
    - a. Power sequencing panel
    - b. Power raceway
    - c. UPS devices
    - d. Distributed power outlets
    - e. Rackmounted Power & Lights
    - f. Rackmounted Power outlets
3. Mixers and Mixing Consoles
4. Loudspeakers
    - a. Line Array Speakers
    - b. Point Source Speakers
    - c. Digitally steered column arrays
    - d. Distributed Speakers
        - 1) Wall-mounted
        - 2) Ceiling
5. Amplifiers
6. Digital Signal Processors
    - a. Fixed input/output configuration
    - b. Expandable systems
    - c. Fixed internal architecture
    - d. Open/flexible internal architecture
7. Wireless microphones
8. Audio Sources & Outboard Equipment
9. Control System – See specification section 274125 for Control System components.

E. ALLOWANCES

1. Contractors shall include a $2,500 allowance for changes that may be directed by the Consultant. Any allowance not used during the project shall be credited back to the client.

F. CORDS AND ADAPTERS
   1. Provide all necessary cords, adapters, cables, and interfaces to accept the input and output signals from the specified equipment to the rest of the system.

G. CABLING & WIRE – Not all cabling types listed below will necessarily be used. Some cables may not be used in this project. Additional cabling requirements may be noted in related spec sections, drawings, and in the equipment appendix. All AV cabling in the project shall have a gray jacket to differentiate it from other building cables.
   1. Mic/Line Wire: 22 AWG 2-conductor twisted pair with drain wire, foil shield, and overall jacket. Provide plenum version in all required spaces.
      a. Belden 9451 (Plenum -- 9451P)
      b. West Penn 454 (Plenum – D25454)
   2. Speaker Wire: 10 AWG 2-conductor twisted pair with overall jacket and waterproof jacket.
      a. West Penn C210
   3. Speaker Wire: 12 AWG 2-conductor twisted pair with overall jacket. Provide plenum version in all required spaces.
      a. West Penn 227 (Plenum – 25227)
      b. Belden 6200UE (Plenum – XXXXXX)
   4. Speaker Wire: 14 AWG 2-conductor twisted pair with overall jacket. Provide plenum version in all required spaces.
      a. West Penn 225 (Plenum – 25225)
      b. Belden 6200UE (Plenum – XXXXXX)
   5. HDMI cable: Pre-terminated HDMI cable. Confirm length in field prior to ordering. Limit cable length to less than 4.5 meters. Confirm long cables are within manufacturer’s specifications for signal type in the specific application
      a. Crestron CBL-HD-XX
      b. Extron HDMI Ultra/X
   6. Cat6 Unshielded: Eight Conductor, 24 AWG, unshielded, twisted pair cable with overall jacket.
      a. Belden 2412
   7. Cat6 Shielded: Eight Conductor, 24 AWG, shielded, twisted pair cable with overall jacket. Provide plenum version in all required spaces.
      a. Extron XTP DTP 24/1000 (Plenum – XTP DTP 24P/1000)
      b. Crestron DM-CBL-8G-NP (Plenum – DM-CBL-8G-P

2.2 VIDEO EQUIPMENT

A. See appendices for specific Manufacturer and Model numbers for each system and subsystem.

B. Cross reference all drawings to the equipment list as shown in the appendices. Equipment shown in the appendices is for reference and assistance in bidding the project, but it is possible that not all equipment will be reflected in the appendices. Contractor shall provide a complete and functional system as designed regardless of whether a specific component is specifically noted in the Appendix.

C. All equipment shall be new and shall be the manufacturer's newest and most current version of the product.

D. Following are general categories of equipment that will form the system. See drawings for quantities and sizing of all equipment.
   1. Displays
      a. Projectors and Lens
      b. Screens and Control Modules
      c. Direct View Monitors
      d. LED Video Walls
   2. Switching
      a. Presentation Switchers
      b. Matrix Switchers
   3. Video Distribution
      a. HDBT
      b. Digital Media
      c. DTP
   4. Cameras
      a. Pan/Tilt/Zoom
      b. Fixed
      c. Professional Tripod
   5. Control System
      a. Touchpanel Controls
      b. Button Panel Controls
      c. Processors
      d. Input/Output converters and transport
   6. Table Top boxes
      a. Inserts
      b. Modules
      c. Cabling

PART 3 - EXECUTION

A. COORDINATION
   1. Coordinate will all other building trades to facilitate a smooth and complete installation.
   2. Coordinate all power requirements and locations with the Electrical Contractor. Contractor shall provide appropriate direction to the Electrical Contractor pertaining to the location and quantity of electrical outlets serving Audio-Video Equipment

B. EXECUTION
   1. Provide a service loop of cable between any racks and the associated cabling/infrastructure on the nearby wall such that the rack can be moved away from the wall a sufficient distance to facilitate easy service of the rack and equipment.

C. APPENDIX A, B, C – EQUIPMENT LISTS
   1. See the attached appendices for the equipment lists for the Audio-Video Systems. Lists are provided as a reference. Confirm all quantities with the related drawings. In case of conflict between the equipment lists and the related drawings, the contactor shall furnish

the greater quantity or price impact. Note any quantity conflicts and bring to the attention of the consultant as appropriate.

END OF SECTION

Appendix A - Performance K125 Audio Equipment

Qty	Make	Model	Description
		Main Speakers	
3	D&B	12S-D	110x55 loudspeaker (mains)
1	D&B	10S-D	110x55 loudspeaker (delay)
2	D&B	18S	Subwoofer
1			Custom Speaker Rigging (Unistrut, pipe, mounts, etc.)
2	D&B	40D	4 Channel Amplifier 16000W (mains, delay)
1	Powersoft	Quattrocanali 4804	4 Channel Amplifier 4800W (monitors)
1	Custom		Monitor feed integration
		Digital Mixing System & AVL Control	
1	Allen & Heath	Avantis	26-fader digital mixing control surface
1	Allen & Heath	AH-M-DL-DANTE64-A	64x64 Dante expansion card
2	Allen & Heath	DT-168	16x8 stage box w/ Dante
2	ProCo	DuraCAT-25NBNB	25' Ethercon Cable
1	ProCo	DuraCAT-10NBNB	10' Ethercon Cable
1	ProCo	DuraCAT-50NBNB	50' Ethercon Cable
1	QSC	Core 110f	System DSP & Control with Flex IO
2	QSC	TSC-70-G3	7" Qsys Touchpanel (Control booth, SMP-1)
1	QSC	TSC-710t-G3	7" tabletop mounting kit (Control booth)
1	Custom		Flush rackmount for touchpanel
1	Netgear	GSM4352PA-100NES	52-port network switch
		Audio Inputs	
2	Audix	ADX51	Studio Condenser Mic
2	Ace Backstage	#43	Microphone Hanger Slug
3	Neutrik	NA2-IO-DPRO	2x2 Dante I/O breakout box w/ Ethercon
1	ProCo	IPMB2Q-10	3.5mm to dual TRS Cable
1	Bogen	VAR-1	Paging relay and audio
		Monitor Speakers	
4	Danley	FX12	12" stage monitor speaker (w/ C-FLX12 cover)
4	ProCo	LSCNN-25	25' NL4 to NL4 cables
		ALS System	
1	Williams	WF SYS PRO-3	WiFi ALS Package w/ 3 rcvr and 1 transmitter
		Intercom	
1	Clearcom	CZ-BS410	Digital WL base station, w 4 headsets, charger, case, batteries
6	Clearcom	CZ-BP410	Digital WL beltpacks (includes 2 BAT50 batteries per unit)
6	Clearcom	CZ11450	CC-15-MD4 single-ear headset
3	Clearcom	CZ-AC50-US	4-battery charging station
2	Clearcom	ANT20-30	30 ft. antenna extension mounting kit

Wireless Microphones			
4	Shure	SLXD4	Four Channel Wireless Mic Receiver (H55 band)
1	Shure	SLXD2/SM58	Handheld Transmitter w/ SM58 Capsule (H55 band)
4	Shure	SLXD1	Bodypack Transmitter (H55 band)
4	Countryman	E60W6L1SL	Headset Microphone (color selected by Owner Rep)
1	Countryman	B6W5FFF05LSL	Hairline microphone (color selected by Owner Rep)
2	Shure	SBC-203	Drop in battery charger
4	Shure	SB903	Rechargeable Battery
1	OFE		Four-way active antenna splitter and power distro
2	Shure	UA8-518-578	1/2 wave antenna (H5 & H19 bands)
2	Shure	UA8xx	Antenna wiring (length as needed)
1	Custom		Antenna mounting
Racks			
2	OFE		Existing 44 SP Floor Rack (AVR-1, AVR-4)
3	Middle Atlantic	LT-CABUTL-SINGLE	Rackmount rack light (AVR-1, AVR-2, AVR-4)
1	Middle Atlantic	DTRK-1418	14 SP Desktop Rack (AVR-2)
1	Middle Atlantic	SWR-16-12	12 SP Shallow Wall Rack (SMP-1)
QTY	Middle Atlantic	TW12	Velcro Cable Wrap
2	Middle Atlantic	UD2	Drawer
1	Juice Goose	KIN-2200 RM	1000 watt UPS
3	Middle Atlantic	PD-915R-PL	9 Outlet rack-mount power strip w/ pilot light
QTY	Middle Atlantic	EB1	1 RU Blank Panel
QTY	Middle Atlantic	EB2	2 RU Blank Panel
Labor			
1			Programming
1			Engineering/PM
1			Remove existing speakers
1			Custom plates
Wiring			
QTY	Belden	2412	Cat6 wire 1000'
QTY	Belden	9451	Mic wire 1000'
QTY	West Penn	227	Speaker Wire 12 GA 1000'

Product equipment list is provided as a reference. Report any conflicts in quantities to the consultant. Some products may not be listed above. See project drawings for items used, part numbers, quantities, and further details.

Appendix B - Performance K125 Video System

Qty	Make	Model	Description
			Video Inputs
2	Visionary Solutions	DuetE-WP-BT	4k, single input transmitter w/Bluetooth (SMP-1,AVR-2)
2	Custom		rack mount plate for wallplate TX (above)
1	Visionary Solutions	DuetE-WP-BT	4k, single input transmitter w/Bluetooth (portable)
1	Extron	SMB 112	2 gang surface/portable box
1	ProCo	DuraCAT-25NBNB	25' Ethercon Cable
1	Proco	DuraCAT-10NBNB	10' Ethercon Cable
			Camera
1	Panasonic	AW-HE38k	PTZ camera
1	Visionary Solutions	DuetE-2	4k, single input transmitter
			Recording
1	AJA	HELO	IP recording/streaming device
1	Visionary Solutions	DuetD-2	4k, single input receiver
			Projection & Screen
1	Panasonic	PT-RZ120LWU	12,000 lumen Projector
1	Panasonic	ET-DLE250	Zoom lens - *verify*
1	Visionary Solutions	DuetD-2	4k, single input receiver
1	Dalite	14130	16:9, 92"x164" screen, HD 1.1, 120V motor
1	Lowell	RY-2	Relay for screen control
1	Lowell	PS2405	24 volt, 0.5 amp power supply
1			Misc. projector and screen cabling
			Wiring
QTY			Cat6 cable
QTY			Control Wire
QTY			HDMI wire

Product equipment list is provided as a reference. Report any conflicts in quantities to the consultant. Some products may not be listed above. See project drawings for items used, part numbers, quantities, and further details.

Appendix C - Theatre D125 AV Equipment List

Qty	Make	Model	Description
		Main Speakers	
2	QSC	E112	Two-way surface mount speaker
2	QSC	E12YM	Yoke mount
4	QSC	E110	Two-way surface mount speaker
4	QSC	E10YM	Yoke mount
4			C-clamp to attach yoke to grid
1	QSC	CX-Q 2k4	Four channel amplifier
		Digital Mixing System	
1	QSC	Core110f	Digital Signal Processor
1	QSC	SL-QUD-110-P	Core 110f UCI Deployment License
1	QSC	SL-QSE-110-P	Core 110f Scripting License
1	QSC	TSC-70-G3	7" QSYS Touchpanel
1	Netgear	GSM4212P	POE network AV switch
1	Allen & Heath	AH-ZED18	Analog Mixing Console
		Audio Inputs	
1	Bogen	VAR1	Audio-activated relay device
1	AtteroTech	unD6IO-BT	BlueTooth In/Analog Out
		Video Inputs	
1	Visionary Solutions	DuetE-WP-H	4k, single input wallplate transmitter
1	Crestron	CBL-HD-12	12' HDMI Cable
		Video Equipment	
1	Epson	G7500UNL	6,500 lumen WUXGA 16:10 projector w/o standard lens - white
1	Epson	ELPLM08	Middle zoom lens for G7500U
1	Chief	RPAU	Universal Projector Mount
1	Chief	CMA395	Ceiling plate w/ pipe/column
1	DaLite	20882L	Tensioned Cosmopolitan Series 65"H x 104"W motorized screen -- White Case, Da-Mat surface, LVC, 120V motor
1	Lowell	RY-2	2 DPDT relay device
1	Lowell	PS2405	24 volt, 0.5 amp power supply
1	Visionary Solutions	DuetD-2	4k, single output receiver
1	Crestron	CBL-HD-3	3' HDMI Cable
		Rack	
1	Middle Atlantic	DWR-16-22	Wall-mounted AV rack (AVR-3)
1	Middle Atlantic	VFD-16	16 SP perf front door
1	Middle Atlantic	MW-VT	Vented Top
1	Middle Atlantic	DWR-RR16	Rear rack rails (AVR-3)

1	Middle Atlantic	PD-815R-PL	15A power strip w/ front pilot light
QTY	Middle Atlantic	LB-1R4A	Lacer Bar
1	Middle Atlantic	LT-CABUTL-SINGLE	Single LED Work Light
QTY	Middle Atlantic	TW12	Velcro Cable Wrap
1	Middle Atlantic	UD2	Drawer
QTY	Middle Atlantic	EB1	1 RU Blank Panel
QTY	Middle Atlantic	EB2	2 RU Blank Panel
Labor			
1			Programming
1			Engineering/PM
1			Custom Plates
Wiring			
QTY	Belden	9451	Mic wire 1000'
QTY	WP	227	Speaker Wire 12 GA 1000'
QTY	Belden	2412	Cat6 wire 1000'

Product equipment list is provided as a reference. Report any conflicts in quantities to the consultant. Some products may not be listed above. See project drawings for items used, part numbers, quantities, and further details.

SECTION 274125 – AUDIO-VIDEO CONTROL SYSTEMS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Some information contained in this specification is also found on the associated drawings and in the following specification sections. Work shown on drawings or described in other spec sections is deemed to be in both.

B. Related Specification Sections:
  1. 274100 General Conditions for Audio-Video Systems
  2. 274110 Training for Audio-Video Systems
  3. 274116 Integrated Audio-Video Systems

1.2 GENERAL DESCRIPTION

A. The audio and video signals for the facility will be controlled via QSC touchpanels and a QSC control processor.

B. One touchpanel will be located at the Stage Manager’s Panel.

C. One touchpanel will be located in the Tech Booth.

1.3 FUNCTIONAL DESCRIPTION

A. Touchpanels
  1. The QSC control system in this facility will handle the control of audio output routing, microphone volume controls, and source volume controls. The system will also control the video displays in lobby, the projectors, and the backstage video displays. The control system touchpanel must be simple and minimal. The goal is to present as few controls as possible to the end user, while still giving the necessary controls. Volume levels should be restricted within the software to an effective usable range for each audio input.
  2. The touchpanels should always be in sync so that the status is the same on all panels (in-room and virtual) all the time. This should include any iPads or computers that login to control the system. The control system should provide true live feedback from all devices and settings across all control panels as much as possible. If live feedback is not possible then the system should poll the associated devices at a suitable interval to obtain status.
  3. The system shall be programmed so that a user can log in to the system with a mobile device (computer or tablet) and operate the same controls that are on the in-room touchpanel.
  4. Splash page. There should be a welcoming splash page where the user should be asked to initiate system operations.
    a. Pressing anywhere on the Splash page should bring the user to the “Login” page, where they can enter a passcode or password to access the system controls.
    b. Once a login attempt is successful, the “Home” page should be shown. Here, the user should be able to access any of three pages (“Audio”, “Routing”, and “Power”) via navigation buttons. There should also be a button to allow the user to return to the splash page.
    c. Touching the “Audio” navigation button should bring the user to the “Audio” page. Here, the user should be able to set volume levels and mute a series of “hot mic”

inputs, as well as the volume of the wireless microphones. The wireless microphone audio feed should be separate and distinct from the feed available at the mixing console to allow for use of the wireless microphones without a technician present. Wireless mic telemetry should also be shown here.

d. Touching the "Routing" navigation button should bring the user to the "Routing" page. Here, the user should be able to assign video inputs to the system to video outputs. A preview snapshot of each input and output should be available on this screen, and the image should refresh every couple of seconds.

e. Touching the "Power" navigation button should bring the user to the "Power" page. Here, the user should be able to control the power state of the AV system as a whole, or just the projector.

f. Coordinate with the owner's representative for any needs for the system to return to preset values on power down.

1.4 PROGRAMMER CERTIFICATION

A. All Control System programming is to be performed by the Contractor. Contractor must have a factory trained and experienced programmer on staff with at least 2 years of experience programming QSC systems. Programmer must have successfully completed Q-SYSY Level 2 Training and QSYS Control Training 201. Contractor may also wish to subcontract the services of an independent programmer.

B. Contractors bidding this section must have a programmer with Q-SYS Level One Training and Q-SYS Control Training 101 on staff. Failure to have a certified programmer will be grounds for disqualification of a bidder. Verification of programmer status will be required during the post-bid interview. Programming may be performed by a third-party programmer or may be performed by a staff programmer, but the AV contractor will have a Level 1 and Control 101 programmer on staff for program updates, firmware updates, and long-term maintenance of the system

1.5 PROGRAMMING SUBMITTALS

A. All Control System programming and touchpanel layouts are to be submitted at the same time as the project shop drawings. Touchpanel layouts for the control system program are to be complete and fully labeled, representing all of the touchpanels for the entire project

B. Programming of touchpanels is to be submitted to the Consultant prior to writing of code.

C. Bids shall allow for at least two (2) revisions of touch panel layouts.

D. All touchpanel programming and control processor programming shall be completed prior to the beginning of installation.

E. Contractor shall be responsible for all programming and implementation of the Control System.

F. The client or end-user may provide some template files to use as the basis of the layout for the programming.

PART 2 - PRODUCTS

2.1 CONTROL SYSTEM EQUIPMENT

A. See appendices for specific Manufacturer and Model numbers for each system and subsystem.

B. Cross reference all drawings to the equipment list as shown in the appendices. Contractor shall provide a complete and functional system as designed regardless of whether a specific component is specifically noted in the Appendix.

C. All equipment shall be new and shall be the manufacturer's newest and most current version of the product.

2.2 REQUESTS FOR ALTERNATE EQUIPMENT

A. Procedures for alternate equipment requests are outlined in section 274100.

PART 3 - EXECUTION

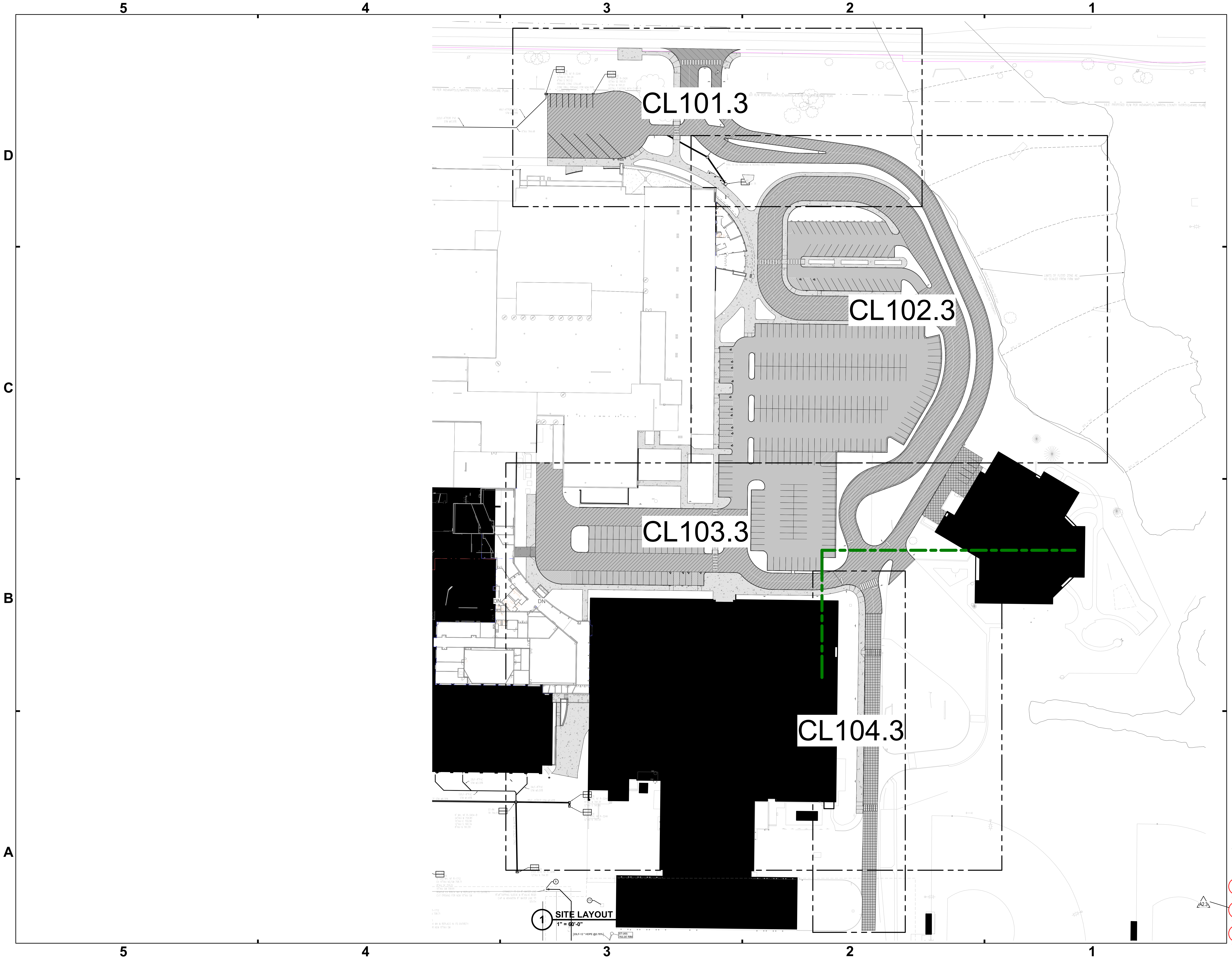
3.1 PROGRAMMING UPDATES

A. Bids shall be inclusive of two (2) minor programming updates after substantial completion of the project and once the owner has had the chance to use the system on a daily basis. These updates are not intended as a re-write of any panels, rather they are intended to correct any labelling issues, add/remove any needed buttons from a given panel, and make other minor updates to optimize the use of the panels.

3.2 REJECTION OF PROGAMMING

A. If the touchpanel layouts or processor programming are deemed unacceptable by the Consultant, client, end user, or architect the Contractor shall take whatever means necessary to provide acceptable programming without claim for additional payment.

END OF SECTION



1 **SITE LAYOUT**
1" = 60'-0"

SCHMIDT
ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced AJ,KL

KYLE E. MILLER
REGISTERED
NO. 19900465
STATE OF
INDIANA
PROFESSIONAL ENGINEER

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

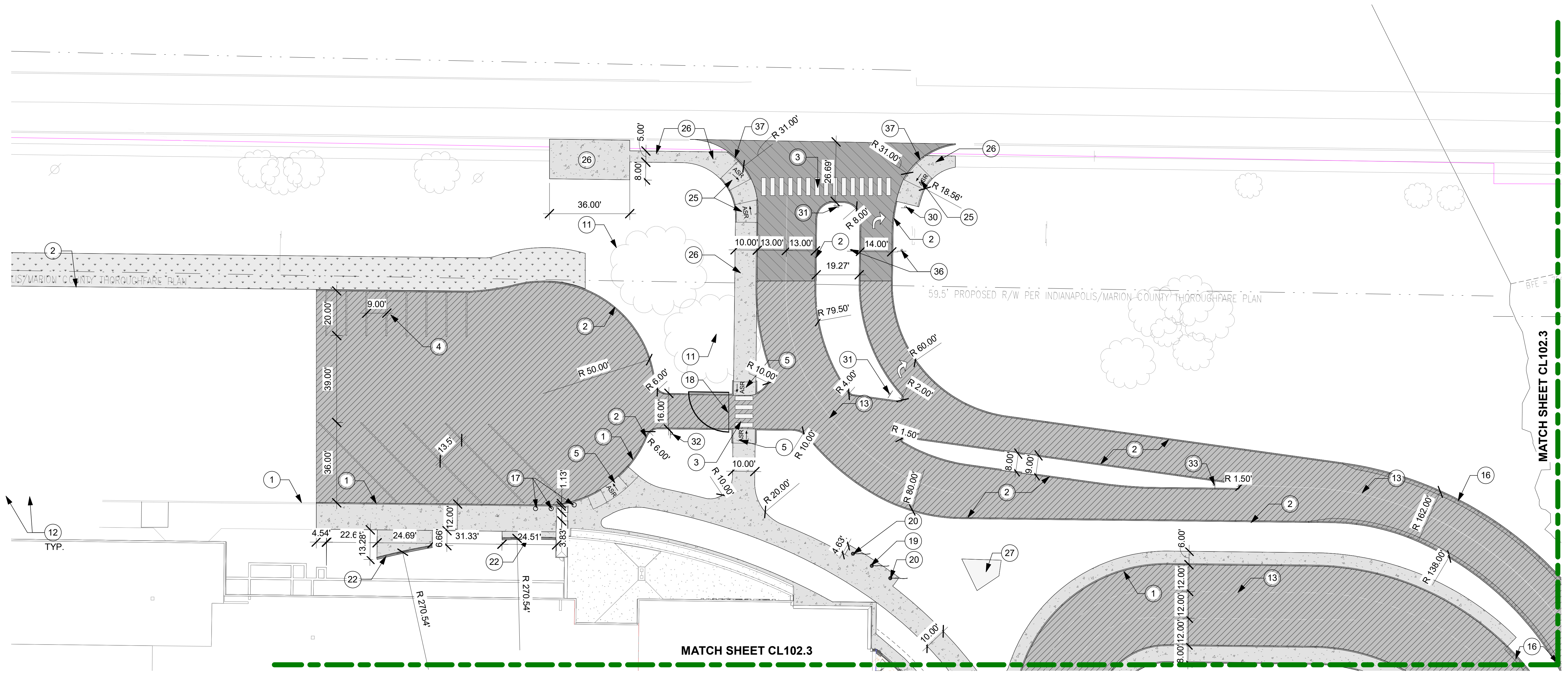
1801 E 86th St
Indianapolis, IN 46240

M.S.D. of Washington Township

North Central High School Renovations - Additions Phase 3

OVERALL SITE PLAN

CL100.3



1 SITE LAYOUT - CL101.3

1" = 30'-0"

GENERAL LAYOUT NOTES

1. REFERENCE C-001 FOR GENERAL LAYOUT PLAN NOTES.
2. NORTHING AND EASTING COORDINATES ARE STATE PLANE COORDINATES BASED ON A TOPOGRAPHIC SURVEY. REFER TO SURVEY DRAWINGS FOR HORIZONTAL CONTROL POINT DATA.
3. ALL EXISTING PAVEMENT DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO MATCH EXISTING CONDITIONS.

SITE LAYOUT LEGEND

▨	STANDARD ASPHALT PAVING, SEE DETAIL SHEET
▨	HEAVY DUTY ASPHALT PAVING, SEE DETAIL SHEET
▨	STANDARD CONCRETE PAVING, SEE DETAIL SHEET
▨	HEAVY DUTY CONCRETE PAVING, SEE DETAIL SHEET
▦	ASPHALT MILL & OVERLAY
▨	IND. DPW ARTERIAL PAVEMENT. SEE DETAIL 26/CL501.3

SITE LAYOUT NOTES - Phase 3

Key	Note
1	6" CONCRETE INTEGRAL CURB. SEE DETAIL 5B/CL501.3.
2	6" CONCRETE STRAIGHT CURB. SEE DETAIL 5A/CL501.3.
3	CROSSWALK PAVEMENT STRIPING, 24" WHITE TRAFFIC PAINT. SEE DETAIL 3B/CL502.3.
4	NEW WHITE PARKING STRIPES, SEE SPECS.
5	ADA ACCESSIBLE SIDEWALK RAMP, SEE DETAIL 1A,1B,1C, 1D/CL502.3.
6	NEW WHITE PARKING BUS STRIPES, SEE SPECS.
7	ADA ACCESSIBLE PARKING EMBLEM. SEE DETAIL 2C/CL502.3
8	ADA ACCESSIBLE PARKING AND LANE STRIPING. SEE DETAIL 2B/CL502.3
9	BOLLARD ADA VAN ACCESSIBLE PARKING SIGN. SEE DETAIL 3A/CL502.3
10	BOLLARD ADA ACCESSIBLE PARKING SIGN. SEE DETAIL 3A/CL502.3
11	EXISTING HERITAGE TREE, DO NOT REMOVE.
12	HEAVY DUTY BOLLARDS, 2 PER STALL. SEE DETAIL 2A/CL502.3.
13	LANE PAVEMENT MARKING, (1) 4" WIDE LINE, WHITE TRAFFIC PAINT.
14	8' WIDE PARKING BUMPER.
15	NEW WHITE PAVEMENT MARKING FOR NO PARKING
16	6" CONCRETE ROLL CURB. SEE DETAIL.5C/CL501.3.
17	BOLLARD. SEE DETAIL 2A/CL502.3.
18	18' MANUALLY OPERATED VEHICLE GATE. SEE DETAIL 4C/CL503.3. SEE SPECS.
19	35' FLAGPOLE. SEE DETAIL 2D/CL502.3. SEE SPECS.
20	30' FLAGPOLE. SEE DETAIL 2D/CL502.3. SEE SPECS.
21	PAC ENTRANCE CANOPIES ARE BID ALTERNATE. SEE ARCH PLANS.
22	SEAT WALL AND PLANTING IS AN ALTERNATE. BASE BID IS CONCRETE PAVEMENT SEE DETAIL 4B/CL502.3..
23	ALUMINUM HANDRAIL. 4A, 4D/CL502.3. SEE SPECS.
24	RETAINING WALL. SEE DETAIL 5B/CL502.3.
25	INDOT ADA RAMPS SEE DETAIL 1A/CL503.3.
26	DPW CONCRETE PAVEMENT SEE DETAIL 4D/ CL501.3
27	INSTALL SCULPTURE SALVAGED IN BID PACKAGE 2, CONC. FOOTINGS REQUIRED.
28	SIGNAGE. NO PARKING. SEE DETAIL 3C/CL502.3.
29	SIGNAGE. SERVICE VEHICLE ONLY. SEE DETAIL 3C/CL502.3.
30	SIGNAGE. STOP SIGN. SEE DETAIL 3C/CL502.3.
31	SIGNAGE. KEEP RIGHT, NO LEFT TURN. SEE DETAIL 3C/CL502.3.
32	SIGNAGE.DO NOT ENTER. SEE DETAIL 3C/CL502.3.
33	SIGNAGE.KEEP RIGHT. SEE DETAIL 3C/CL502.3.
34	SIGNAGE.VISITOR PARKING. SEE DETAIL 3C/CL502.3.
35	SEAT WALL SEE DETAIL 4B/CL502.3..
36	SIGNAGE. TURN RIGHT ONLY. SEE DETAIL 3C/CL502.3.
37	DPW CURB & GUTTER. SEE DETAIL 3C/CL501.3.

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KYLE E. MILLER
NO. 19900465

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

1801 E 86th St
Indianapolis, IN 46240

N

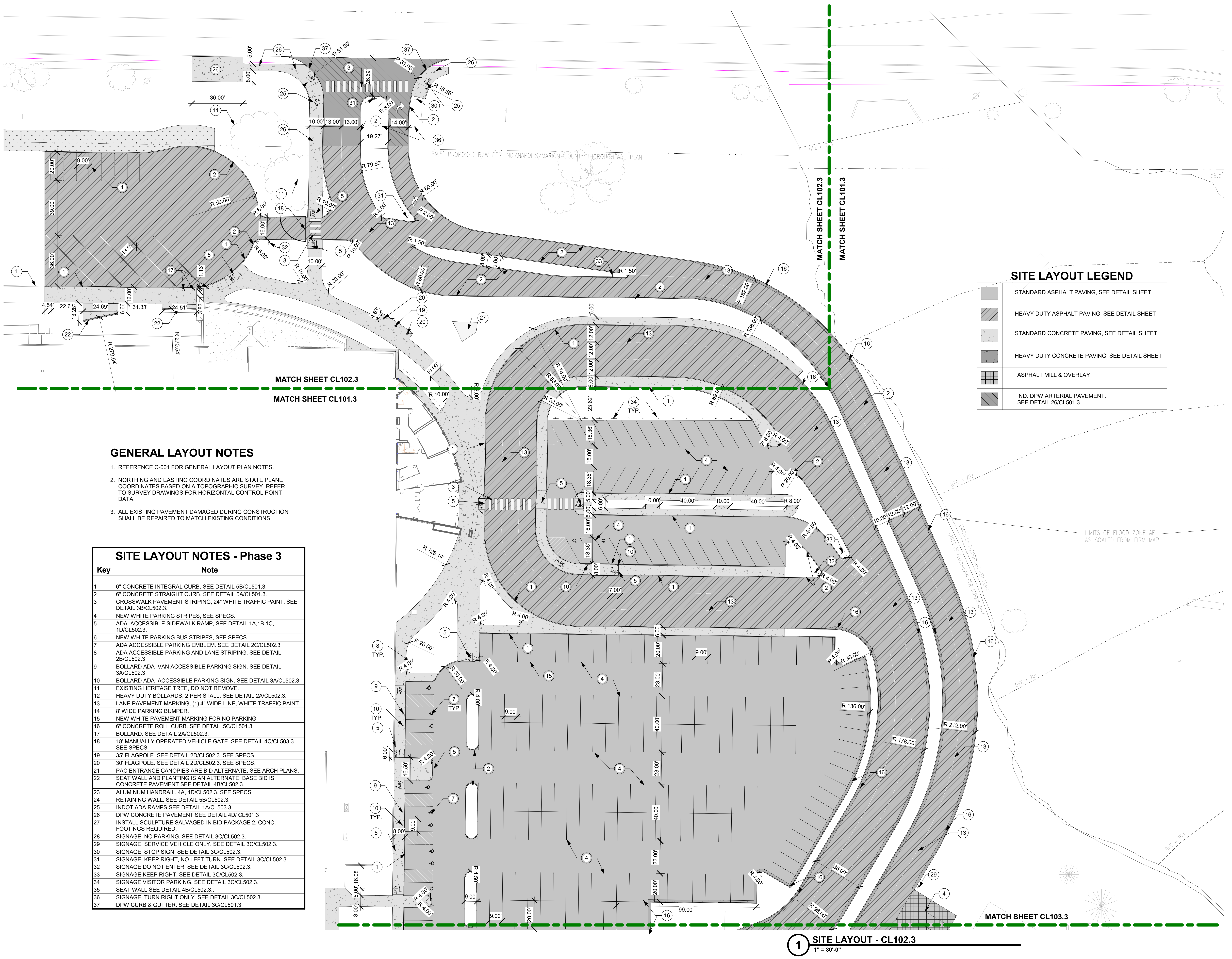
M.S.D. of Washington Township

North Central High School Renovations - Additions Phase 3

A2.3

SITE LAYOUT PLAN

CL101.3



1 SITE LAYOUT - CL102.3
1" = 30'-0"

GENERAL LAYOUT NOTES

1. REFERENCE C-001 FOR GENERAL LAYOUT PLAN NOTES.
2. NORTHING AND EASTING COORDINATES ARE STATE PLANE COORDINATES BASED ON A TOPOGRAPHIC SURVEY. REFER TO SURVEY DRAWINGS FOR HORIZONTAL CONTROL POINT DATA.
3. ALL EXISTING PAVEMENT DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO MATCH EXISTING CONDITIONS.

SITE LAYOUT NOTES - Phase 3

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SITE LAYOUT LEGEND

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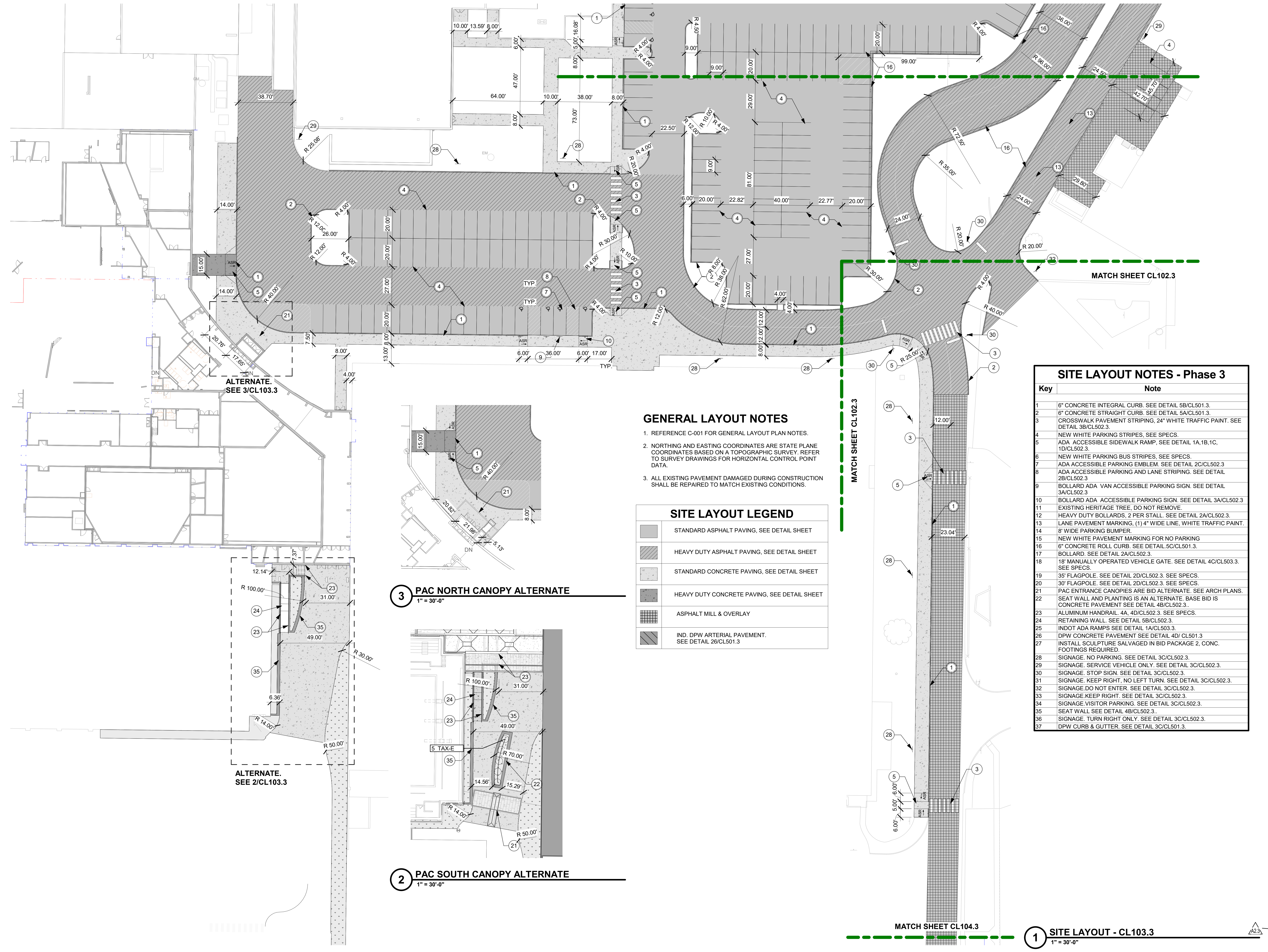
M.S.D. of Washington Township

North Central High School Renovations - Additions Phase 3

SITE LAYOUT PLAN

CL102.3



1 SITE LAYOUT - CL103.3
1" = 30'-0"

3 PAC NORTH CANOPY ALTERNATE
1" = 30'-0"

2 PAC SOUTH CANOPY ALTERNATE
1" = 30'-0"

GENERAL LAYOUT NOTES

1. REFERENCE C-001 FOR GENERAL LAYOUT PLAN NOTES.
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SITE LAYOUT LEGEND

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▨	HEAVY DUTY ASPHALT PAVING, SEE DETAIL SHEET
░	STANDARD CONCRETE PAVING, SEE DETAIL SHEET
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SITE LAYOUT NOTES - Phase 3

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22	SEAT WALL AND PLANTING IS AN ALTERNATE. BASE BID IS CONCRETE PAVEMENT SEE DETAIL 4B/CL502.3..
23	ALUMINUM HANDRAIL. 4A, 4D/CL502.3. SEE SPECS.
24	RETAINING WALL. SEE DETAIL 5B/CL502.3.
25	INDOT ADA RAMPS SEE DETAIL 1A/CL503.3.
26	DPW CONCRETE PAVEMENT SEE DETAIL 4D/ CL501.3
27	INSTALL SCULPTURE SALVAGED IN BID PACKAGE 2, CONC. FOOTINGS REQUIRED.
28	SIGNAGE. NO PARKING. SEE DETAIL 3C/CL502.3.
29	SIGNAGE. SERVICE VEHICLE ONLY. SEE DETAIL 3C/CL502.3.
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37	DPW CURB & GUTTER. SEE DETAIL 3C/CL501.3.

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Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2019-067.NCH
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Bid Set 03
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KYLE E. MILLER
NO. 19900465

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

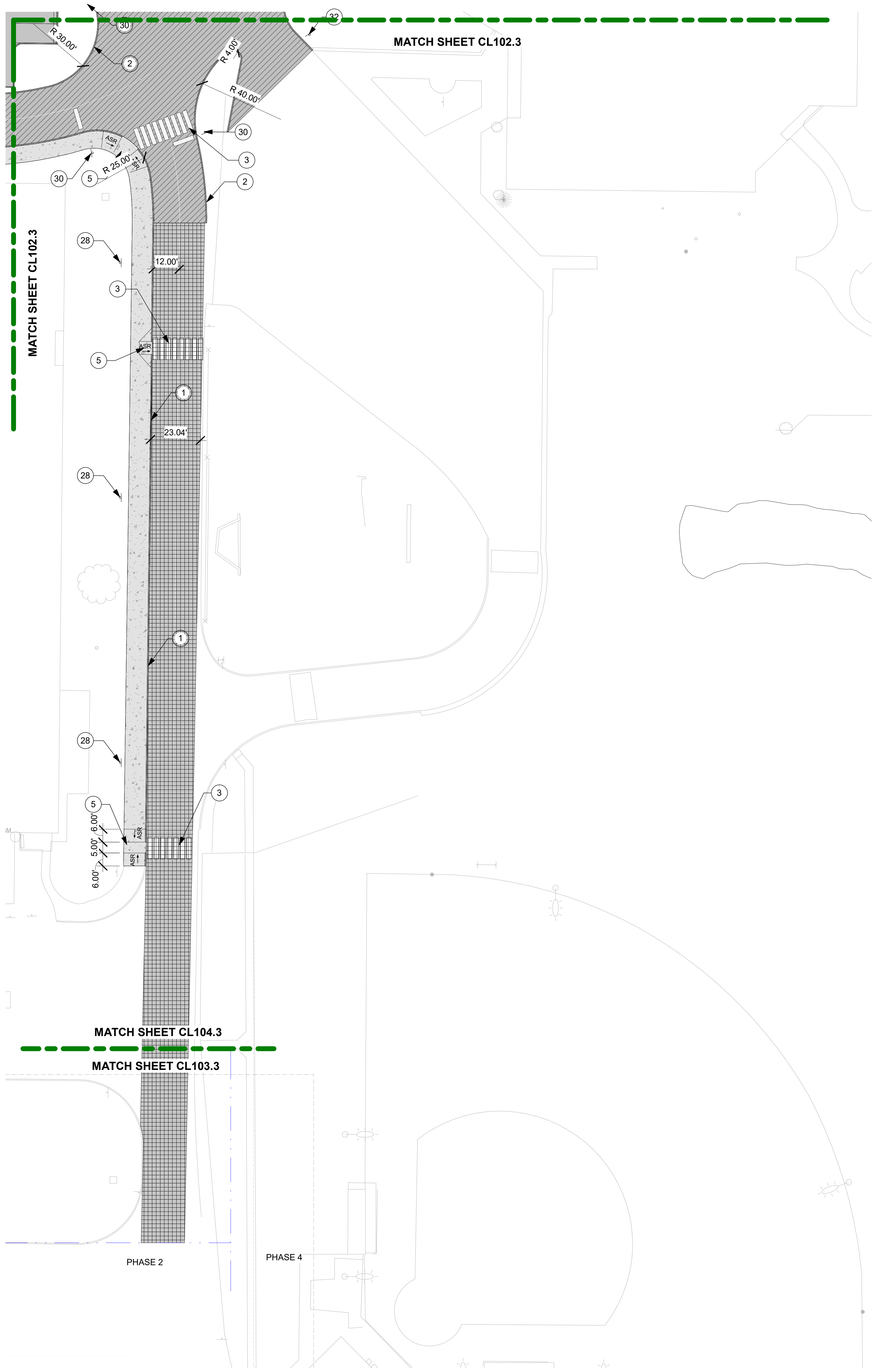
1801 E 86th St
Indianapolis, IN 46240

M.S.D. of Washington Township

North Central High School Renovations - Additions Phase 3

SITE LAYOUT PLAN

CL103.3



① SITE LAYOUT - CL104.3

1" = 30'-0"

GENERAL LAYOUT NOTES

1. REFERENCE C-001 FOR GENERAL LAYOUT PLAN NOTES.
2. NORTHING AND EASTING COORDINATES ARE STATE PLANE COORDINATES BASED ON A TOPOGRAPHIC SURVEY. REFER TO SURVEY DRAWINGS FOR HORIZONTAL CONTROL POINT DATA.
3. ALL EXISTING PAVEMENT DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO MATCH EXISTING CONDITIONS.

SITE LAYOUT LEGEND

▩	STANDARD ASPHALT PAVING, SEE DETAIL SHEET
▨	HEAVY DUTY ASPHALT PAVING, SEE DETAIL SHEET
▩	STANDARD CONCRETE PAVING, SEE DETAIL SHEET
▩	HEAVY DUTY CONCRETE PAVING, SEE DETAIL SHEET
▦	PAVERS, SEE DETAIL SHEET
▥	TEMPORARY ASPHALT PAVING
🟥	DONOR PAVING
▩	FILL STONE AREAS BETWEEN WALLS WITH #2 STONE
▦	ASPHALT MILL & OVERLAY
▧	IND. DPW ARTERIAL PAVEMENT. SEE DETAIL 26/CL501.3

SITE LAYOUT NOTES - Phase 3

Key	Note
1	6" CONCRETE INTEGRAL CURB. SEE DETAIL 5B/CL501.3.
2	6" CONCRETE STRAIGHT CURB. SEE DETAIL 5A/CL501.3.
3	CROSSWALK PAVEMENT STRIPING, 24" WHITE TRAFFIC PAINT. SEE DETAIL 3B/CL502.3.
4	NEW WHITE PARKING STRIPES, SEE SPECS.
5	ADA ACCESSIBLE SIDEWALK RAMP, SEE DETAIL 1A,1B,1C, 1D/CL502.3.
6	NEW WHITE PARKING BUS STRIPES, SEE SPECS.
7	ADA ACCESSIBLE PARKING EMBLEM. SEE DETAIL 2C/CL502.3
8	ADA ACCESSIBLE PARKING AND LANE STRIPING. SEE DETAIL 2B/CL502.3
9	BOLLARD ADA VAN ACCESSIBLE PARKING SIGN. SEE DETAIL 3A/CL502.3
10	BOLLARD ADA ACCESSIBLE PARKING SIGN. SEE DETAIL 3A/CL502.3
11	EXISTING HERITAGE TREE, DO NOT REMOVE.
12	HEAVY DUTY BOLLARDS, 2 PER STALL. SEE DETAIL 2A/CL502.3.
13	LANE PAVEMENT MARKING, (1) 4" WIDE LINE, WHITE TRAFFIC PAINT.
14	8' WIDE PARKING BUMPER.
15	NEW WHITE PAVEMENT MARKING FOR NO PARKING
16	6" CONCRETE ROLL CURB. SEE DETAIL.5C/CL501.3.
17	BOLLARD. SEE DETAIL 2A/CL502.3.
18	18' MANUALLY OPERATED VEHICLE GATE. SEE DETAIL 4C/CL503.3. SEE SPECS.
19	35' FLAGPOLE. SEE DETAIL 2D/CL502.3. SEE SPECS.
20	30' FLAGPOLE. SEE DETAIL 2D/CL502.3. SEE SPECS.
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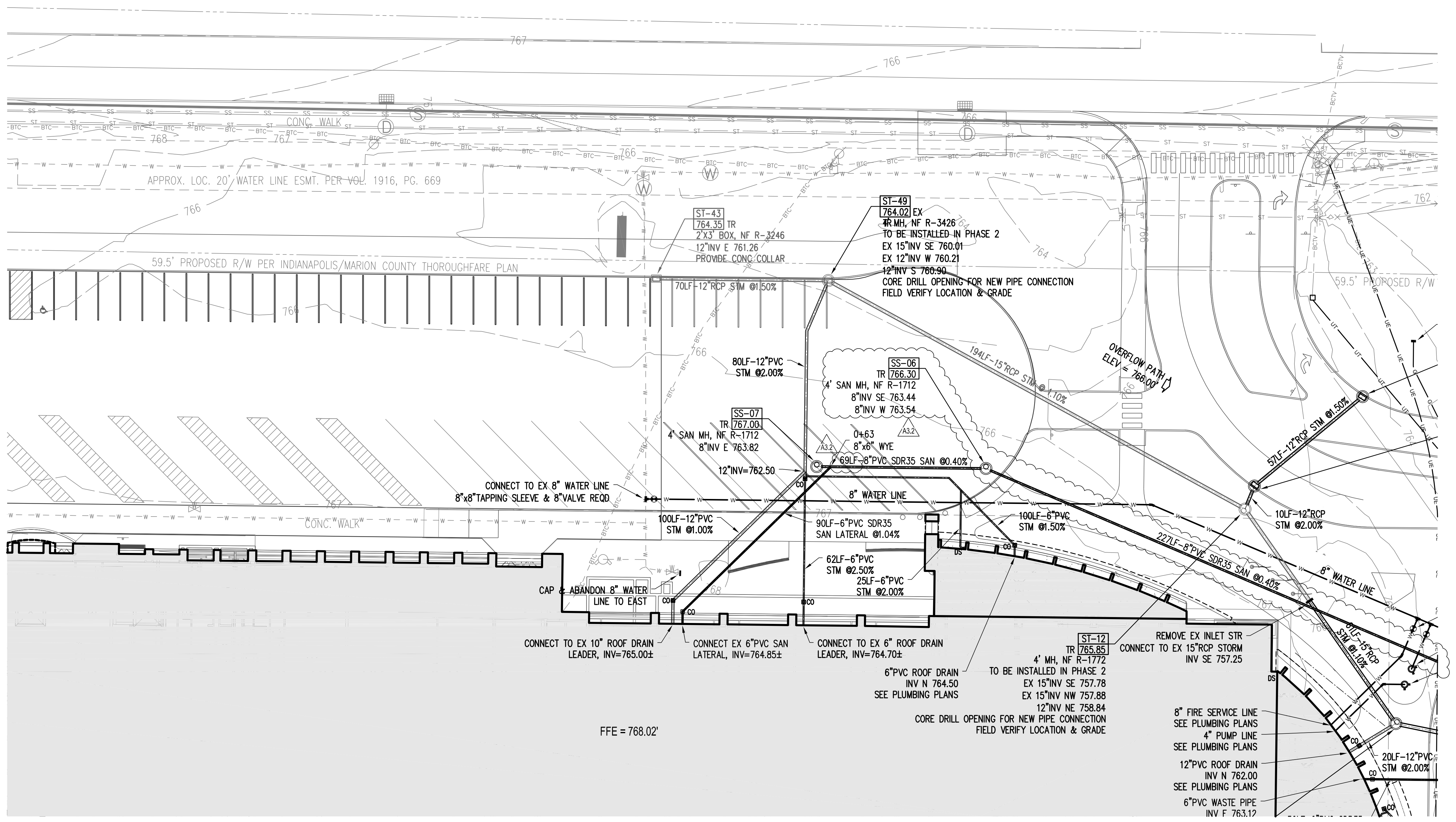

2A SITE UTILITY PLAN

1" = 30'

UTILITY LEGEND

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— —w— — —w— —	EXISTING WATER LINE
═══════	PROPOSED SANITARY SEWER
— —SS— — —SS— —	EXISTING SANITARY SEWER
═══════	PROPOSED STORM SEWER/DRAIN
— —ST— — —ST— —	EXISTING STORM SEWER/DRAIN
DS	DOWNSPOUT
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TYP	TYPICAL OF MULTIPLE LOCATIONS
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GENERAL UTILITY NOTES

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4. ALL LOCATIONS WHERE OTHER UTILITIES CROSS THE PROPOSED SANITARY SEWER WITH 18" VERTICAL CLEARANCE OR LESS REQUIRE THE INSTALLATION OF A CONCRETE CRADLE OR OTHER MEANS OF STRUCTURAL SUPPORT.
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    - 19.1. A 6" THICK BASE OF OF CLASS 1 MATERIAL, AS DEFINED BY ASTM D2321, COMPACTED TO 95% PROCTOR DENSITY SHALL BE PROVIDED.
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1801 East 86th Street
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KEY PLAN N

MSD of Washington Township

North Central High School
Renovations - Additions
Phase 3

SITE UTILITY PLAN

CU101.3

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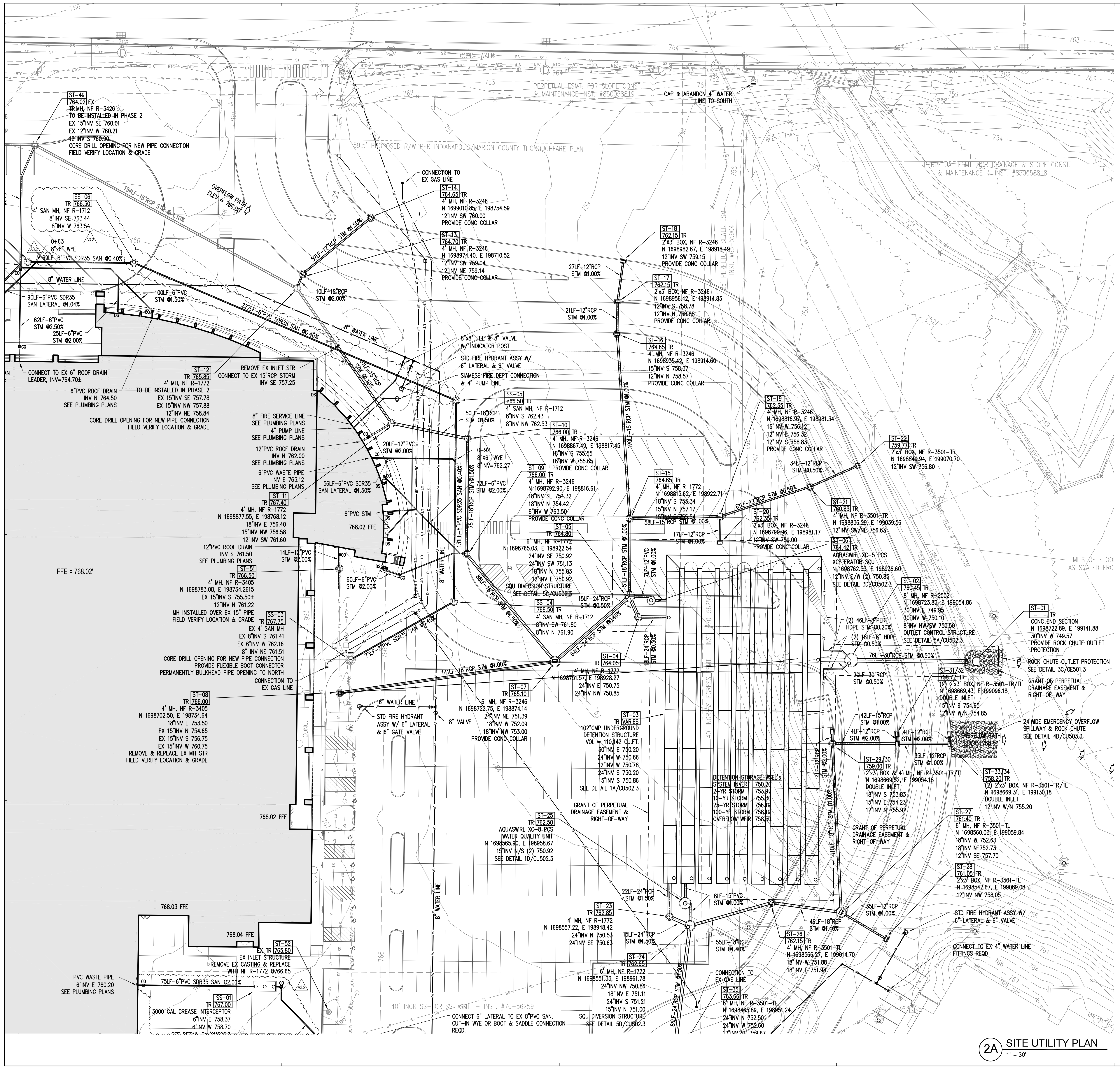

2A SITE UTILITY PLAN
1" = 30'

UTILITY LEGEND

PROPOSED WATER LINE
EXISTING WATER LINE
PROPOSED SANITARY SEWER
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PROPOSED STORM SEWER/DRAIN
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DS	DOWNSPOUT
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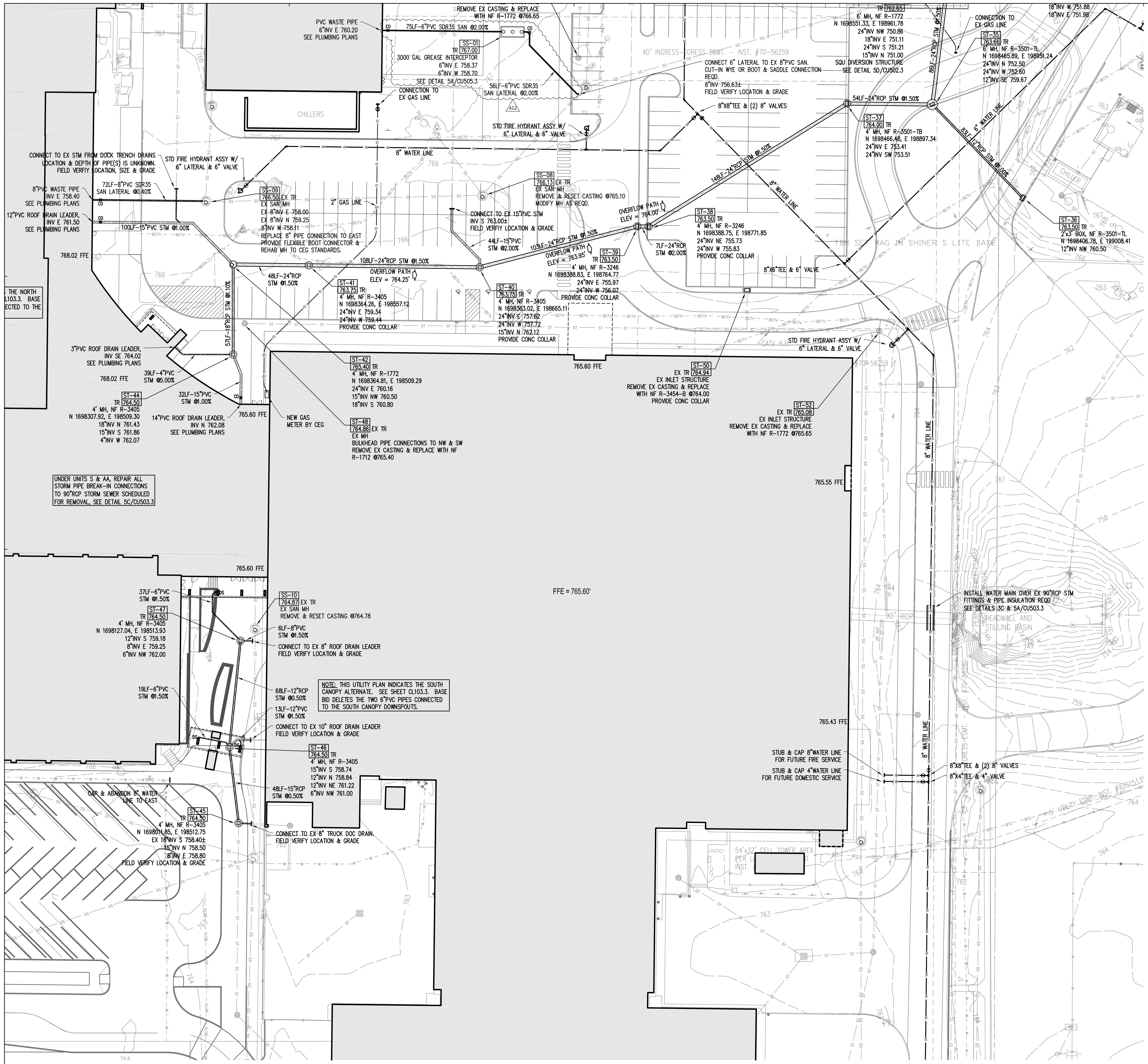

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15. INSTALL 18"W x 18"L x 4"T CONCRETE COLLAR AROUND ALL CLEANOUTS, FIRE HYDRANTS, VALVE BOXES, INDICATOR POSTS, AND YARD HYDRANTS THAT ARE LOCATED IN YARD AREAS. COLLAR TO BE SET 1" ABOVE ADJACENT GROUND GRADES.
16. WHERE PROPOSED UNDERGROUND UTILITIES ARE IN CONFLICT WITH EXISTING UNDERGROUND UTILITIES, THE CONTRACTOR IS RESPONSIBLE FOR RELOCATING THE EXISTING UTILITIES AROUND THE PROPOSED WORK.
17. WHERE CONNECTIONS ARE MADE TO EXISTING MANHOLES OR INLET STRUCTURES, THOSE STRUCTURES SHALL BE REHABILITATED OR REPLACED TO THOSE MINIMUM STANDARDS OUTLINED IN CHAPTERS 400 AND 500 OF THE CITY OF INDIANAPOLIS STORMWATER SPECIFICATIONS MANUAL, LATEST EDITION. THE REHABILITATION SHALL INCLUDE THE INSTALLATION OF BENCHWALLS, AS WELL AS PRESCRIBED MEASURES TO ELIMINATE THE POTENTIAL FOR MIGRATION OF BACKFILL MATERIALS INTO THE STORMWATER SYSTEM.
18. ALL PROPOSED STORM SEWER AND DRAINAGE APPURTENANCES SHALL BE IN CONFORMANCE WITH CHAPTERS 400 AND 500 OF THE CITY OF INDIANAPOLIS STORMWATER SPECIFICATIONS MANUAL, LATEST EDITION. DISCREPANCIES BETWEEN THE PLANS AND THE MANUAL SHALL NOT ALLEVIATE THE CONTRACTOR FROM ADHERING TO THE REQUIREMENTS AS SET FORTH IN THE MANUAL.
19. THE FOLLOWING REQUIREMENTS SHALL BE MET FOR THE INSTALLATION OF THE AQUA-SWIRL WQU'S:
    - 19.1. A 6" THICK BASE OF OF CLASS 1 MATERIAL, AS DEFINED BY ASTM D2321, COMPACTED TO 95% PROCTOR DENSITY SHALL BE PROVIDED.
    - 19.2. BACKFILL SHALL BE CLASS 1 MATERIAL, COMPACTED TO 90% PROCTOR DENSITY, EXTENDING A MINIMUM OF 1.5 FEET BEYOUD THE OUTSIDE OF THE UNIT FOR THE FULL HEIGHT.
    - 19.3. PIPE CONNECTIONS SHALL BE MADE WITH FLEXIBLE CONNECTORS AND A SHEER GUARD.
    - 19.4. SAFETY BOLLARDS SHALL BE INSTALLED AROUND THE UNIT(S) IN NON-TRAFFIC AREAS.
20. NO STORMWATER SHALL BE ROUTED THROUGH THE DETENTION FACILITY UNTIL THE BMP IS INSTALLED AND FULLY FUNCTIONAL AND ALL CONSTRUCTION EROSION CONTROL FOR DISTURBED AREAS ARE INSTALLED TO ENSURE NO SEDIMENT BUILDUP IN THE UNDERGROUND DETENTION STORAGE FACILITY. THE EROSION CONTROL METHODS AND BMP's MUST BE INSPECTED AFTER EACH RAIN EVENT AND REPAIRED OR CLEANED WHERE NECESSARY.

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Project No. 2019-067.NCH
Project Date 03.03.2023
Produced KL / AJ

KYLE E. MILLER
REGISTERED
NO. 19900465
STATE OF INDIANA
PROFESSIONAL ENGINEER

#	Revision	Date
A3.2	ADDENDUM 3.2	03.22.2023

1801 East 86th Street
Indianapolis, IN 46240

KEY PLAN
N

MSD of Washington Township

North Central High School
Renovations - Additions
Phase 3

SITE UTILITY PLAN

CU103.3

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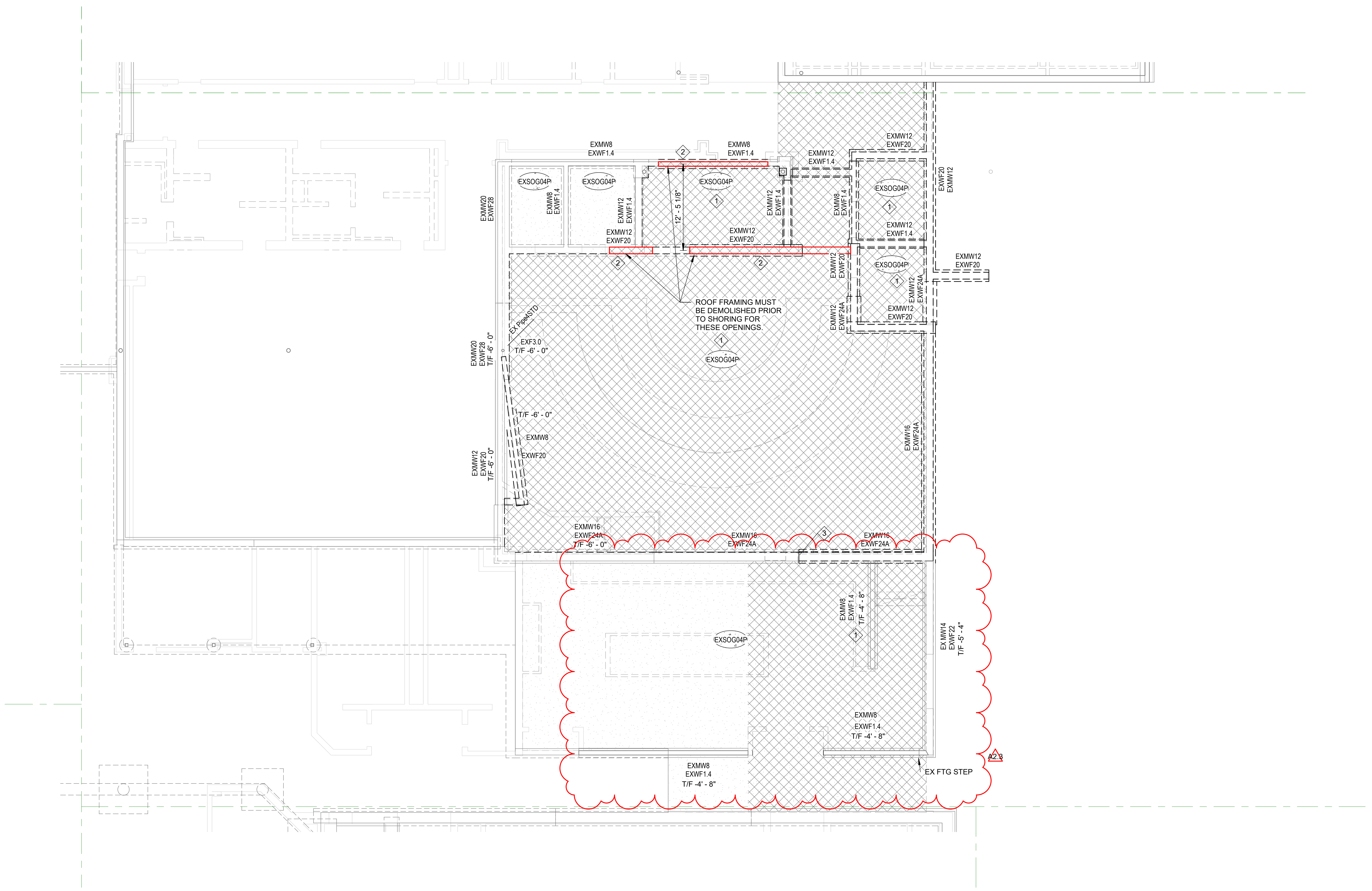
DEMOLITION FLOOR PLAN NOTES - Unit L

#	NOTE
1	DEMO EXISTING SLAB AS REQUIRED
2	DEMO EXISTING WALL FOR NEW OPENING PER ARCH. PROVIDE 1.5 KLF SHORING. SEE FOUNDATION PLAN FOR LINTEL
3	DEMO EXISTING WALL AS REQUIRED FOR NEW COLUMN. SEE GRID PLAN FOR NEW COLUMN LOCATION



UNIT L FOUNDATION DEMO PLAN

SCALE: 1/8" = 1'-0"

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Project Date 03.03.2023
Bid Set 03
Produced DJS CDL

DYLAN SEESMAN
No. PE11900810

Dylan Seesman
03.03.2023

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

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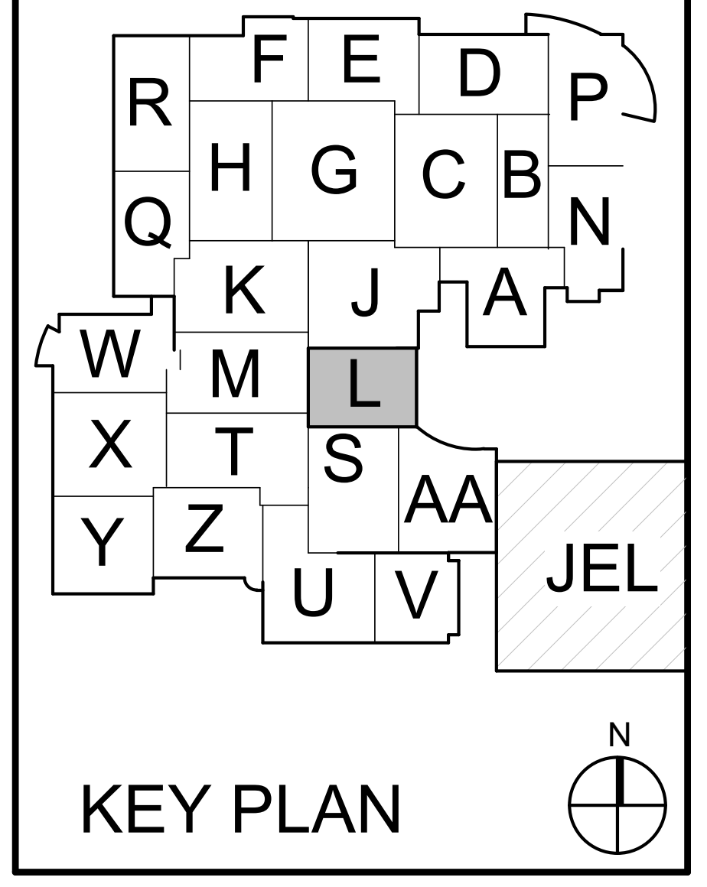


KEY PLAN

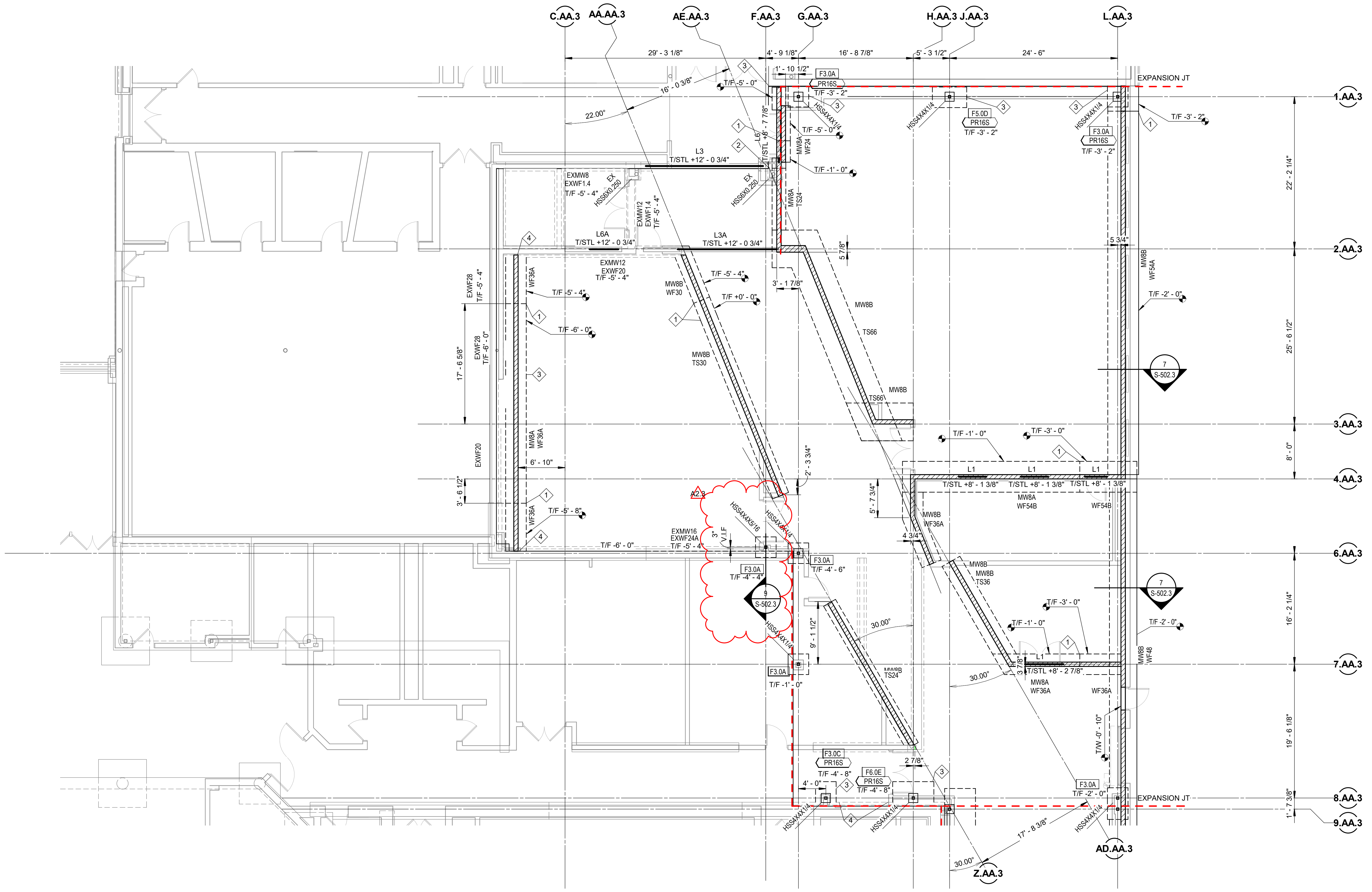
M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

UNIT L FOUNDATION DEMO PLAN

SD1L1.3

#	NOTE
Plan note schedule Unit L Foundation Plan	
1	FOOTING STEP PER TYPICAL DETAIL
2	FULLY GROUT EXISTING MASONRY WALL THAT REMAINS FOR LINTEL SUPPORT.
3	FIELD VERIFY FOUNDATIONS FOR EXISTING. BTM OF NEW FOUNDATION TO MATCH EXISTING. NOTIFY ENGINEER IF T/FTG CHANGES FROM WHAT IS SHOWN ON PLAN
4	BOTTOM OF FOOTING TO MATCH EXISTING FOOTING ELEVATION. VERIFY IN FIELD AND NOTIFY ENGINEEER IF T/F SHOWN NEEDS TO CHANGE FOR EXISTING CONDITIONS.



UNIT L FOUNDATION PLAN

SCALE: 1/8" = 1'-0"

N

FLOOR PLAN NOTES:

1. ELEVATIONS ±, ARE FROM NOMINAL FIRST FLOOR ELEV +0'-0", SEE CIVIL DRAWINGS.
2. SEE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
3. T/F = -1'-0" U.N.O.
4. FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS
5. REFERENCE S-501.3 FOR FOOTING AND SLAB SCHEDULES. SEE S-511.3 FOR WALL SCHEDULES
6. SEE DETAIL 11/S-503.3 FOR TYPICAL CONCRETE RAMP DETAILS

SF1L1.3_ UNIT L FOUNDATION PLAN
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced MS CDL

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03.03.2023

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

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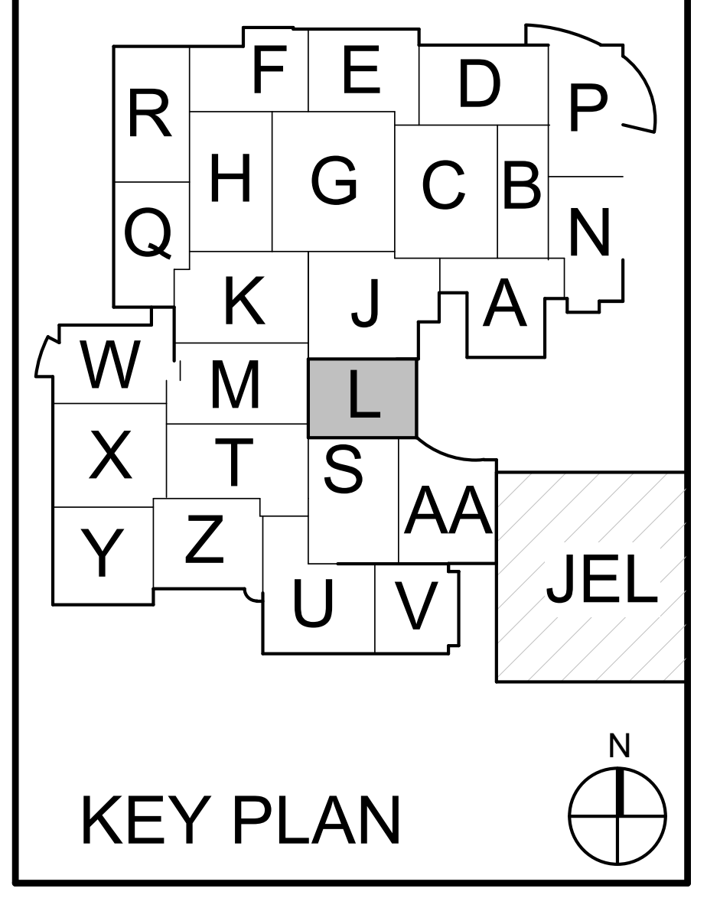


KEY PLAN

M.S.D. of Washington Township

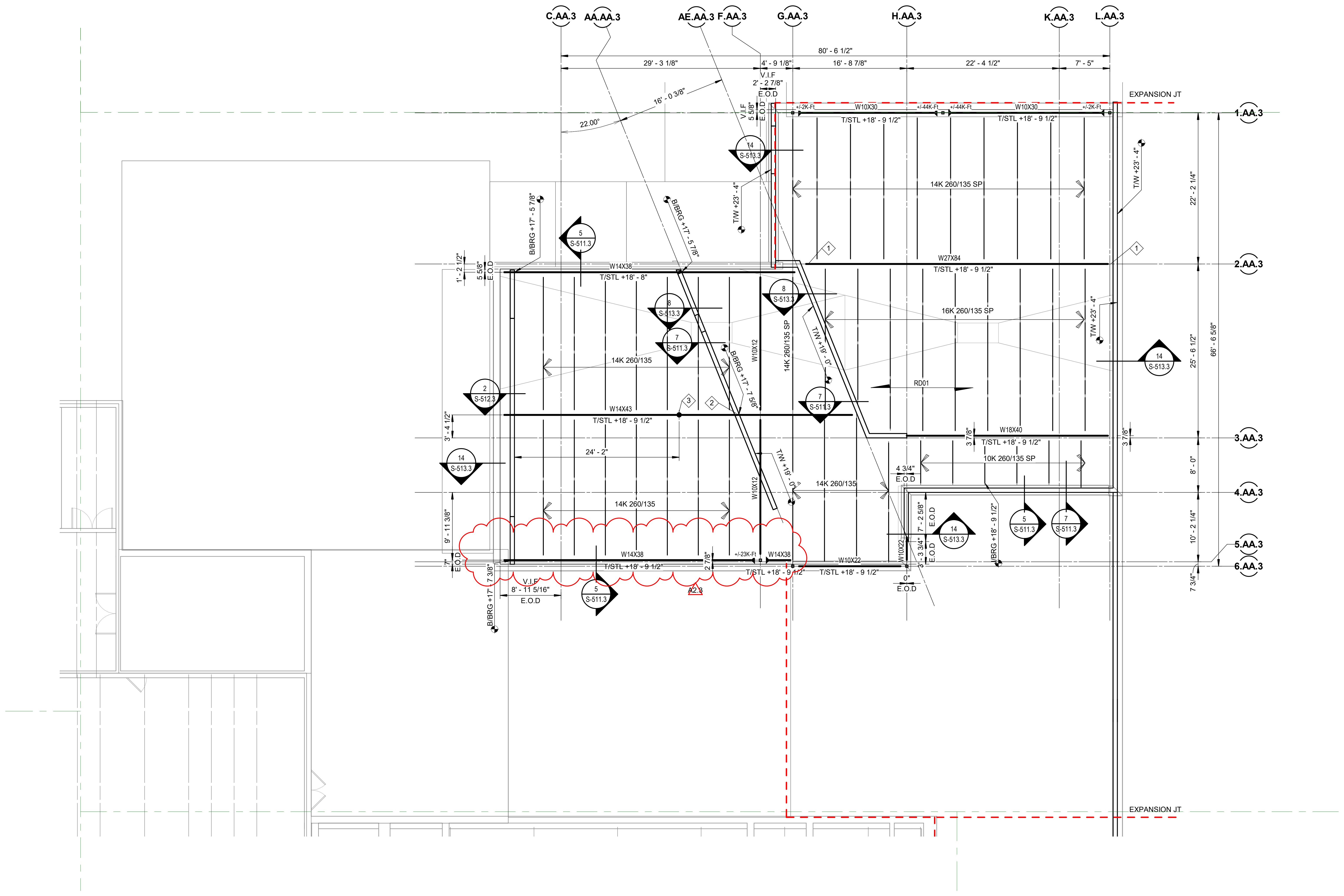
North Central High School
Renovation - Additions
Phase 3

UNIT L FOUNDATION PLAN

SF1L1.3

UNIT L HIGH ROOF FRAMING PLAN NOTES

#	NOTE
1	BEAM BEARING PL. IS 1"x6"x11" IN LIEU OF TYP.
2	BEAM BEARING PL. IS 3/4"x6"x8" IN LIEU OF TYP.
3	BEAM SPLICE PER BEAM SPLICE DETAIL



UNIT L HIGH ROOF PLAN

SCALE: 1/8" = 1'-0"

N

FRAMING PLAN NOTES:

1. ELEVATIONS ±, ARE FROM NOMINAL FIRST FLOOR ELEV +0'-0", SEE CIVIL DRAWINGS.
2. SEE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
3. COORDINATE DECK AND SLAB OPENINGS - EXACT SIZE AND LOCATION, WITH MECHANICAL AND PLUMBING CONTRACTOR DRAWINGS AND EQUIPMENT SUPPLIER.
4. FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS
5. T/STEEL = 18' 10 1/2" U.N.O.
6. MAX JOIST SPACING = 5'-0" U.N.O

SF1L3.3_ UNIT L HIGH ROOF PLAN
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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A2.3	ADDENDUM 2.3	03.22.2023

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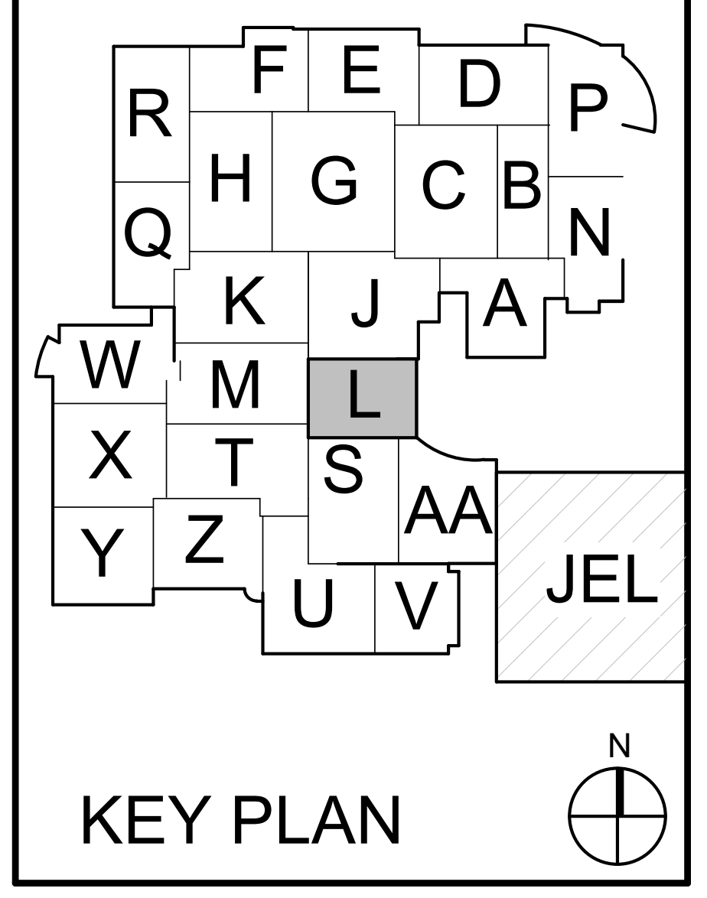
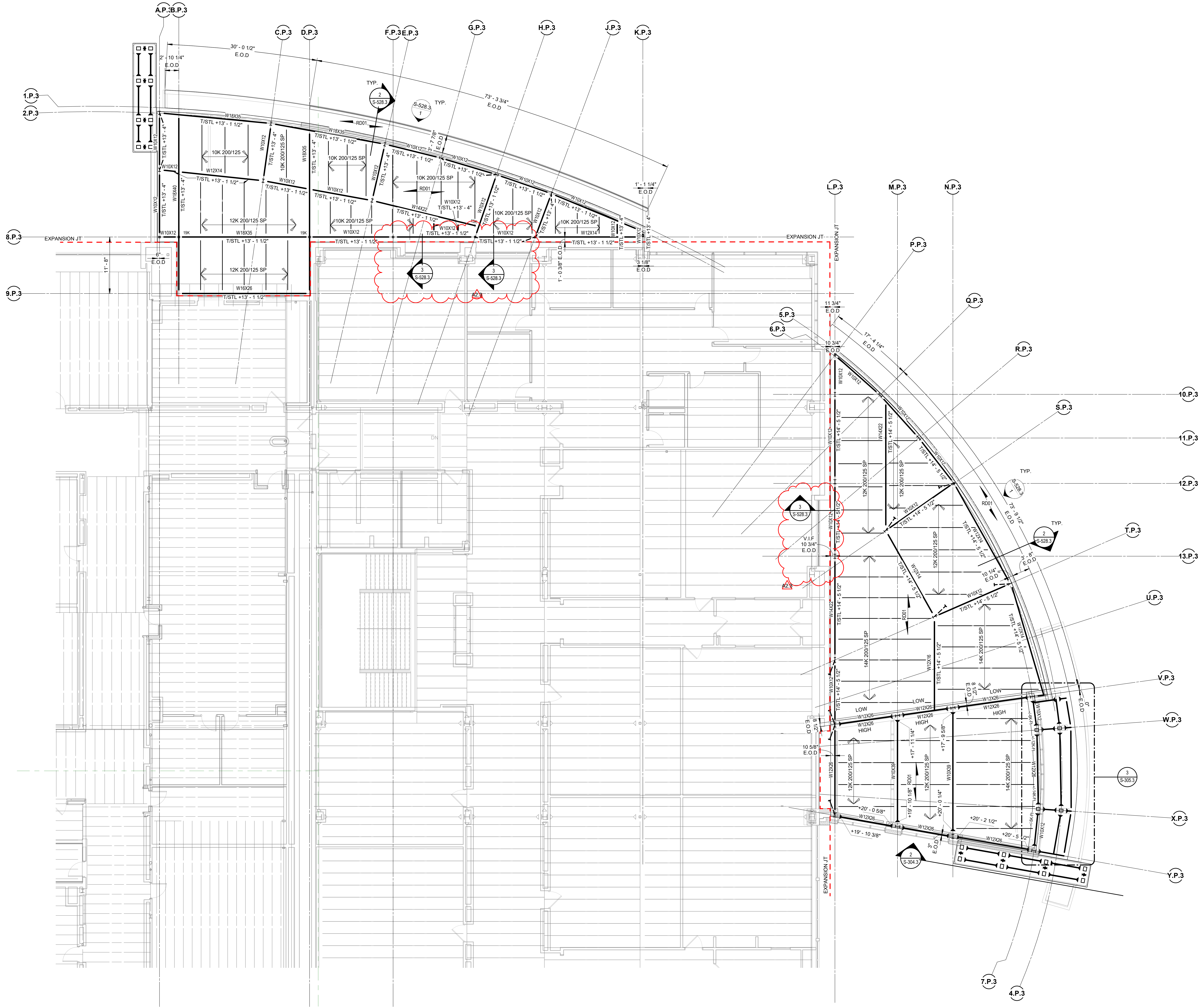


M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

UNIT L HIGH ROOF PLAN

SF1L3.3



FRAMING PLAN NOTES:

1. ELEVATIONS ±, ARE FROM NOMINAL FIRST FLOOR ELEV +0'-0", SEE CIVIL DRAWINGS.
2. SEE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
3. COORDINATE DECK AND SLAB OPENINGS - EXACT SIZE AND LOCATION, WITH MECHANICAL AND PLUMBING CONTRACTOR DRAWINGS AND EQUIPMENT SUPPLIER.
4. FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS
5. T/STEEL = 13'-8" U.N.O.
6. MAX JOIST SPACING = 5'-0" O.C. U.N.O

UNIT P ROOF FRAMING PLAN

SCALE: 1/8" = 1'-0"

SF1P3.3_ UNIT P ROOF PLAN
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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DYLAN SEESMAN
No. PE11900810
03.03.2023

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

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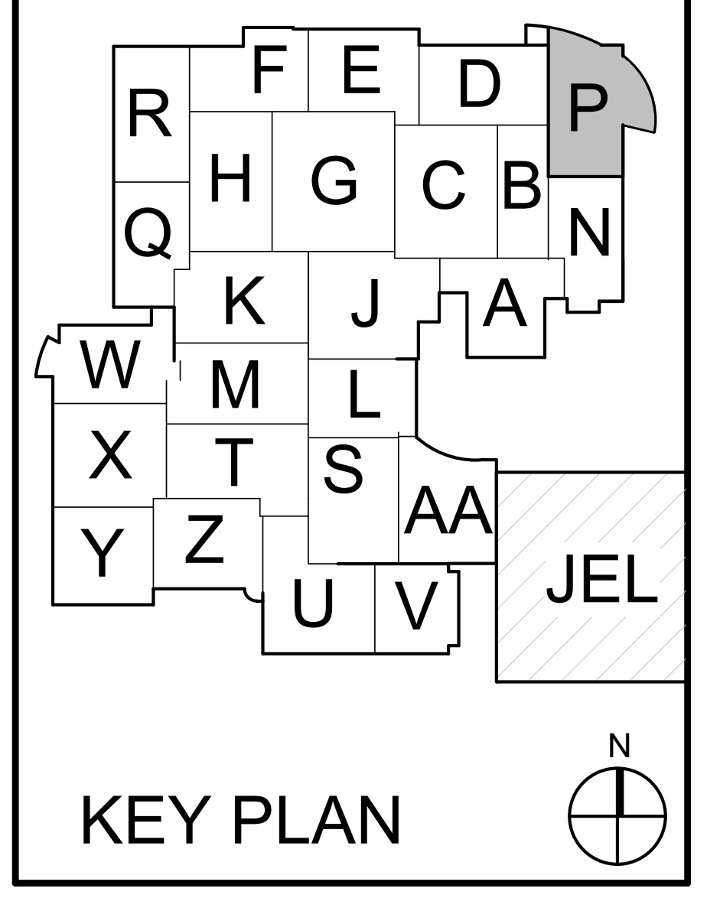


KEY PLAN

M.S.D. of Washington Township

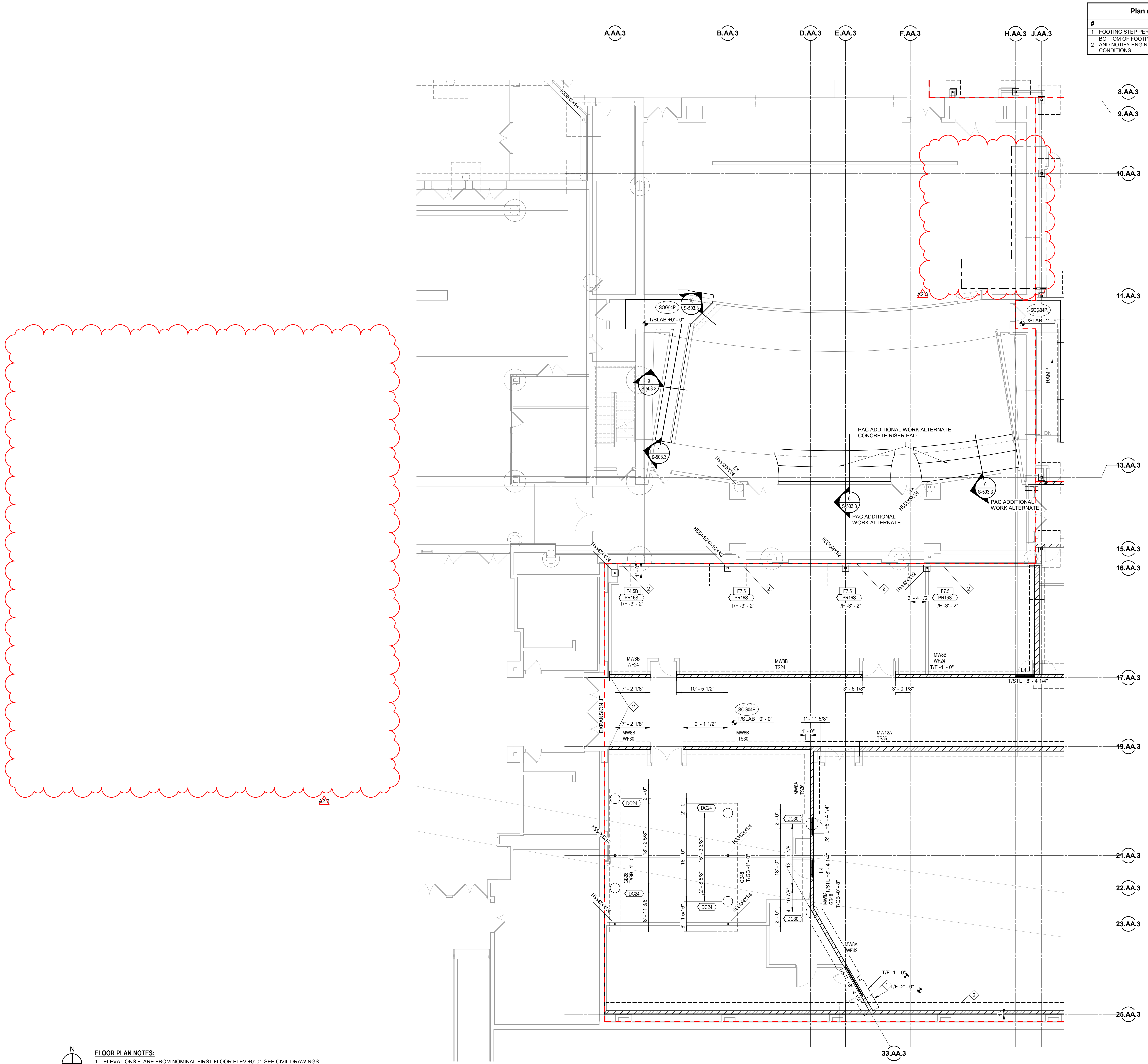
North Central High School
Renovation - Additions
Phase 3

UNIT P ROOF PLAN

SF1P3.3

Plan note schedule Unit S Foundation Plan

#	NOTE
1	FOOTING STEP PER TYPICAL DETAIL
2	BOTTOM OF FOOTING TO MATCH EXISTING FOOTING ELEVATION. VERIFY IN FIELD AND NOTIFY ENGINEER IF T/F SHOWN NEEDS TO CHANGE FOR EXISTING CONDITIONS.



FLOOR PLAN NOTES:

1. ELEVATIONS ±, ARE FROM NOMINAL FIRST FLOOR ELEV +0'-0", SEE CIVIL DRAWINGS.
2. SEE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES IMMEDIATELY
4. FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS

UNIT S FOUNDATION PLAN

SCALE: 1/8" = 1'-0"

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Project No. 2019-067.NCH
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DYLAN SEESMAN
No. PE11900810
Dylan Seesman
03.03.2023

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

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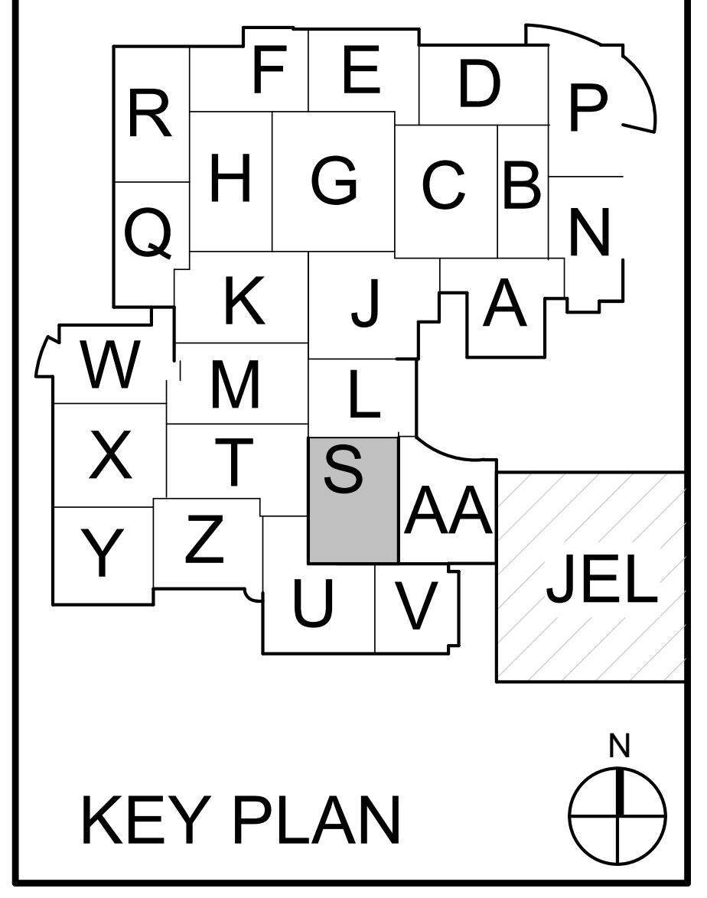


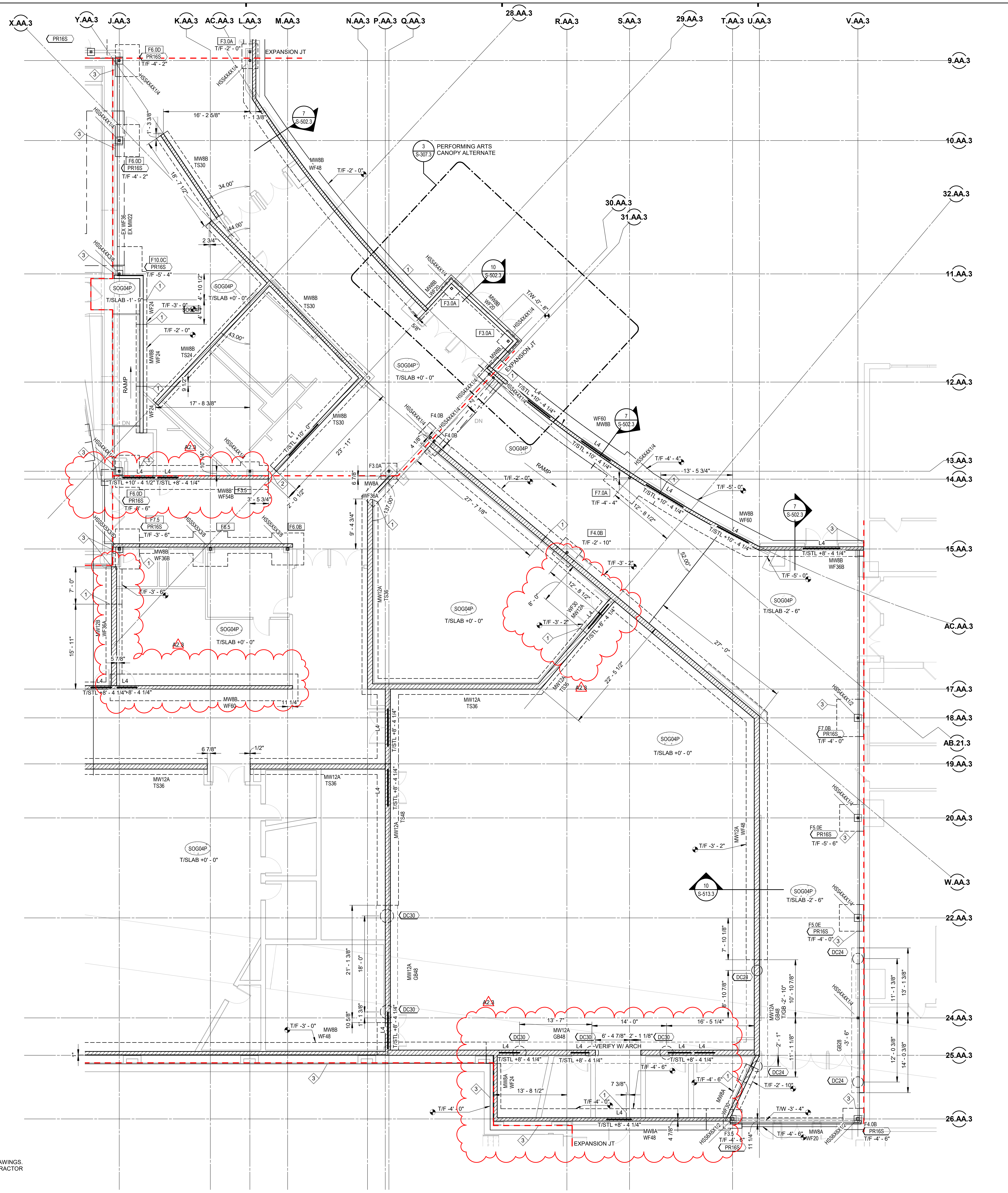
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

UNIT S FOUNDATION PLAN

SF1S1.3



FLOOR PLAN NOTES:

1. ELEVATIONS ±, ARE FROM NOMINAL FIRST FLOOR ELEV +0'-0", SEE CIVIL DRAWINGS.
2. SEE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
3. T/F = -1'-0" U.N.O.
4. FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS
5. REFERENCE S-501.3 FOR FOOTING AND SLAB SCHEDULES. SEE S-511.3 FOR WALL SCHEDULES
6. SEE DETAIL 11/S-503.3 FOR TYPICAL CONCRETE RAMP DETAILS

UNIT AA FOUNDATION PLAN

SCALE: 1/8" = 1'-0"

Plan Note Schedule Unit AA Foundation

#	NOTE
1	FOOTING STEP SEE DETAIL TYPICAL DETAIL
2	EXPANSION JOINT AT WALL SEE ARCH.
3	FIELD VERIFY FOUNDATIONS FOR EXISTING. BTM OF NEW FOUNDATION TO MATCH EXISTING. NOTIFY ENGINEER IF T/FTG CHANGES FROM WHAT IS SHOWN ON PLAN

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DYLAN SEESMAN
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Dylan Seesman
03.03.2023

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

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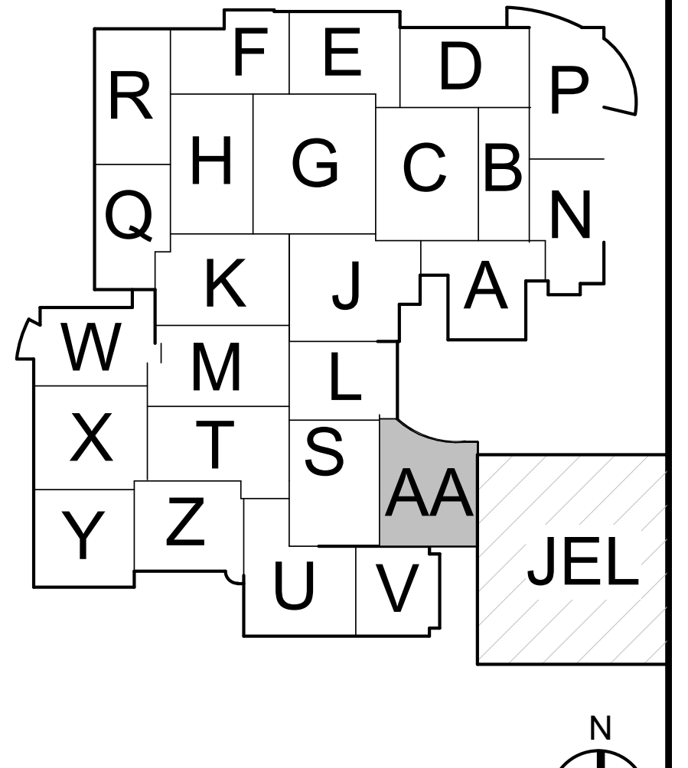

KEY PLAN

M.S.D. of Washington Township

North Central High School Renovation - Additions Phase 3

UNIT AA FOUNDATION PLAN

SF1AA1.3

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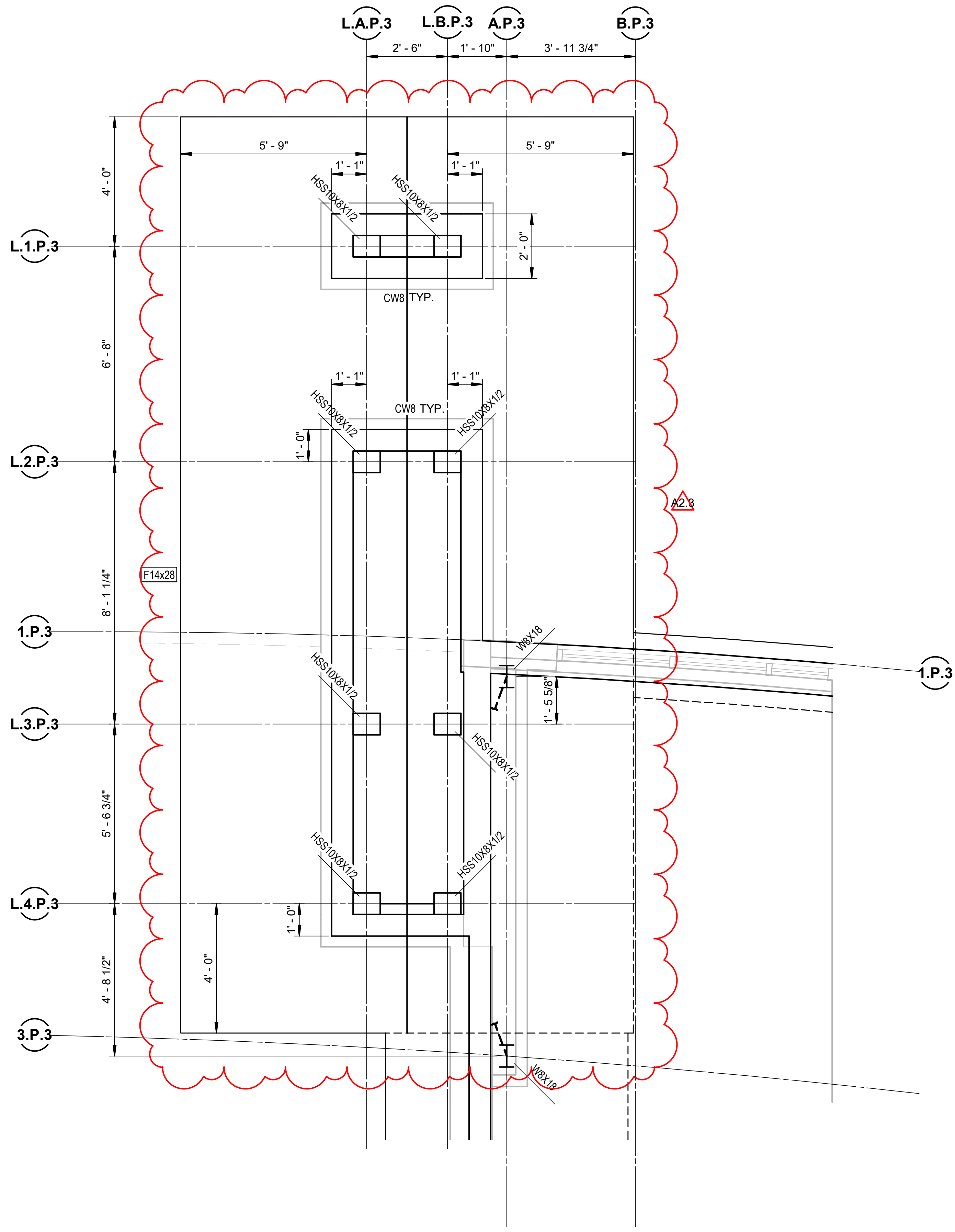


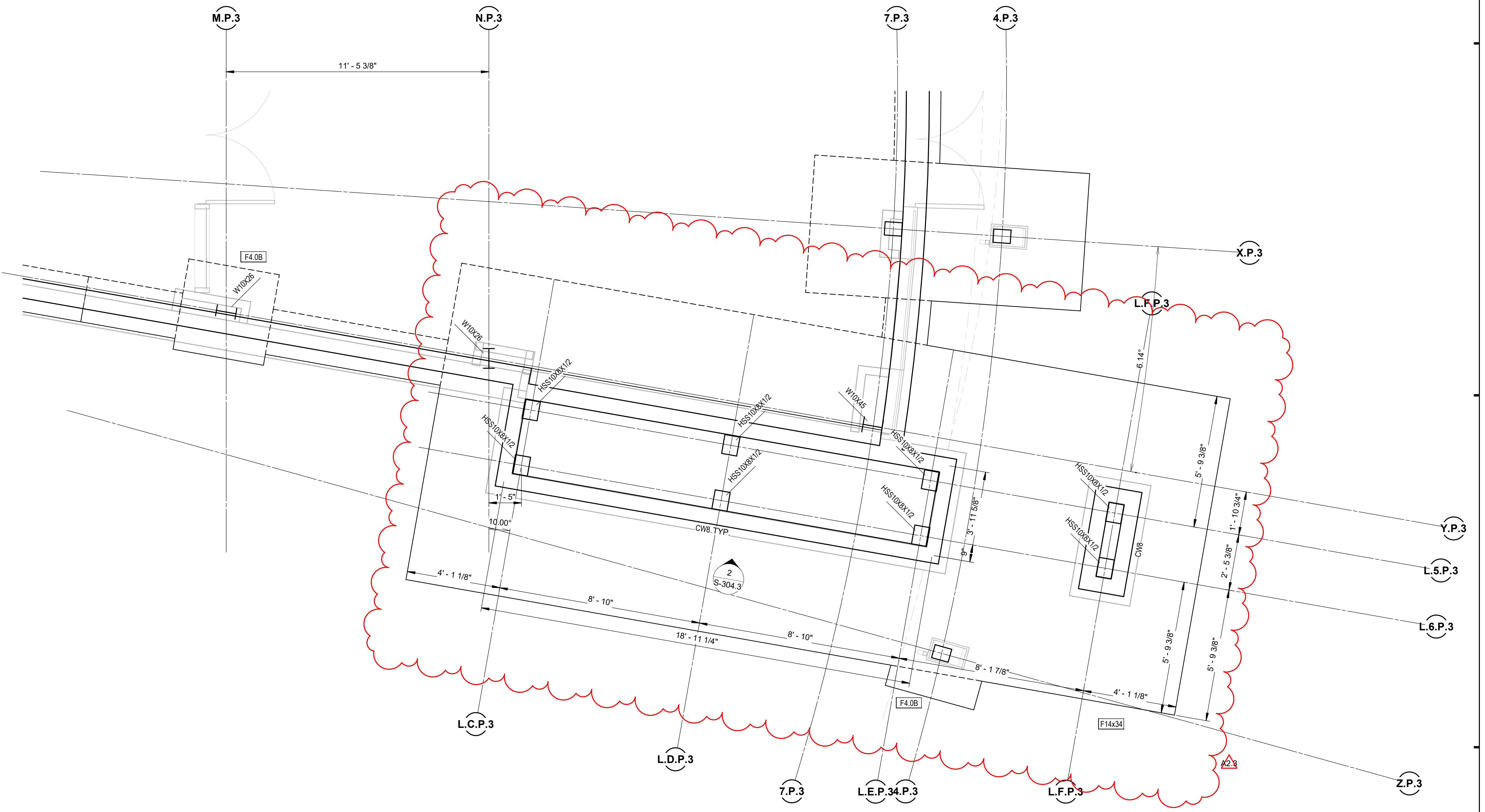
ENLARGED FOUNDATION PLAN - UNIT P (NW)

SCALE: 3/8" = 1'-0"

N

FLOOR PLAN NOTES:

1. ELEVATIONS ±, ARE FROM NOMINAL FIRST FLOOR ELEV +0'-0", SEE CIVIL DRAWINGS.
2. SEE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
3. T/F = -2'-0" U.N.O.
4. T/SLAB = 0'-0" U.N.O
6. FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS



ENLARGED FOUNDATION PLAN - UNIT P (SE)

SCALE: 3/8" = 1'-0"

N

FLOOR PLAN NOTES:

1. ELEVATIONS ±, ARE FROM NOMINAL FIRST FLOOR ELEV +0'-0", SEE CIVIL DRAWINGS.
2. SEE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
3. T/F = -2'-0" U.N.O.
4. T/SLAB = 0'-0" U.N.O
6. FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS

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Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced MS CDL

DYLAN SEESMAN
No. PE11900810

Dylan Seesman
03.03.2023

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

1801 East 86th Street
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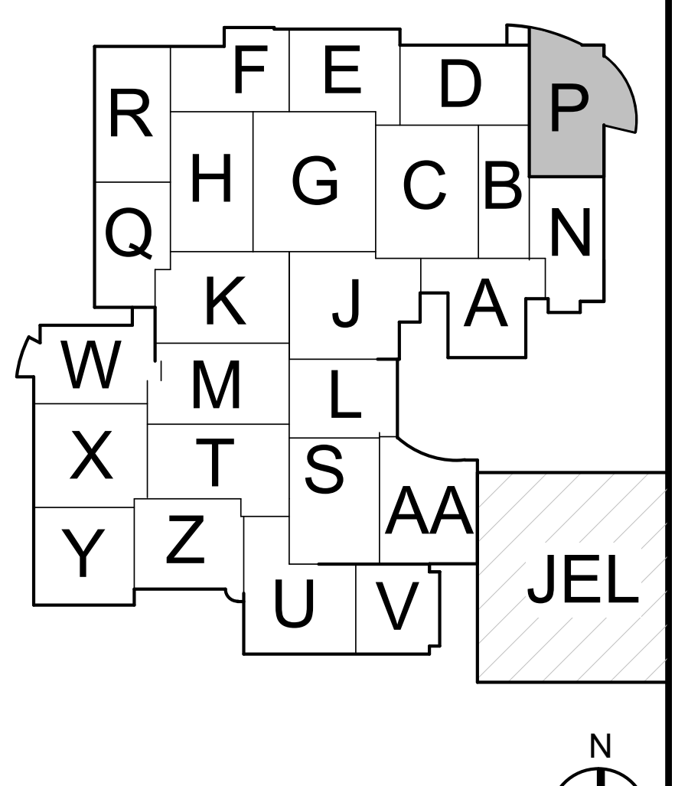


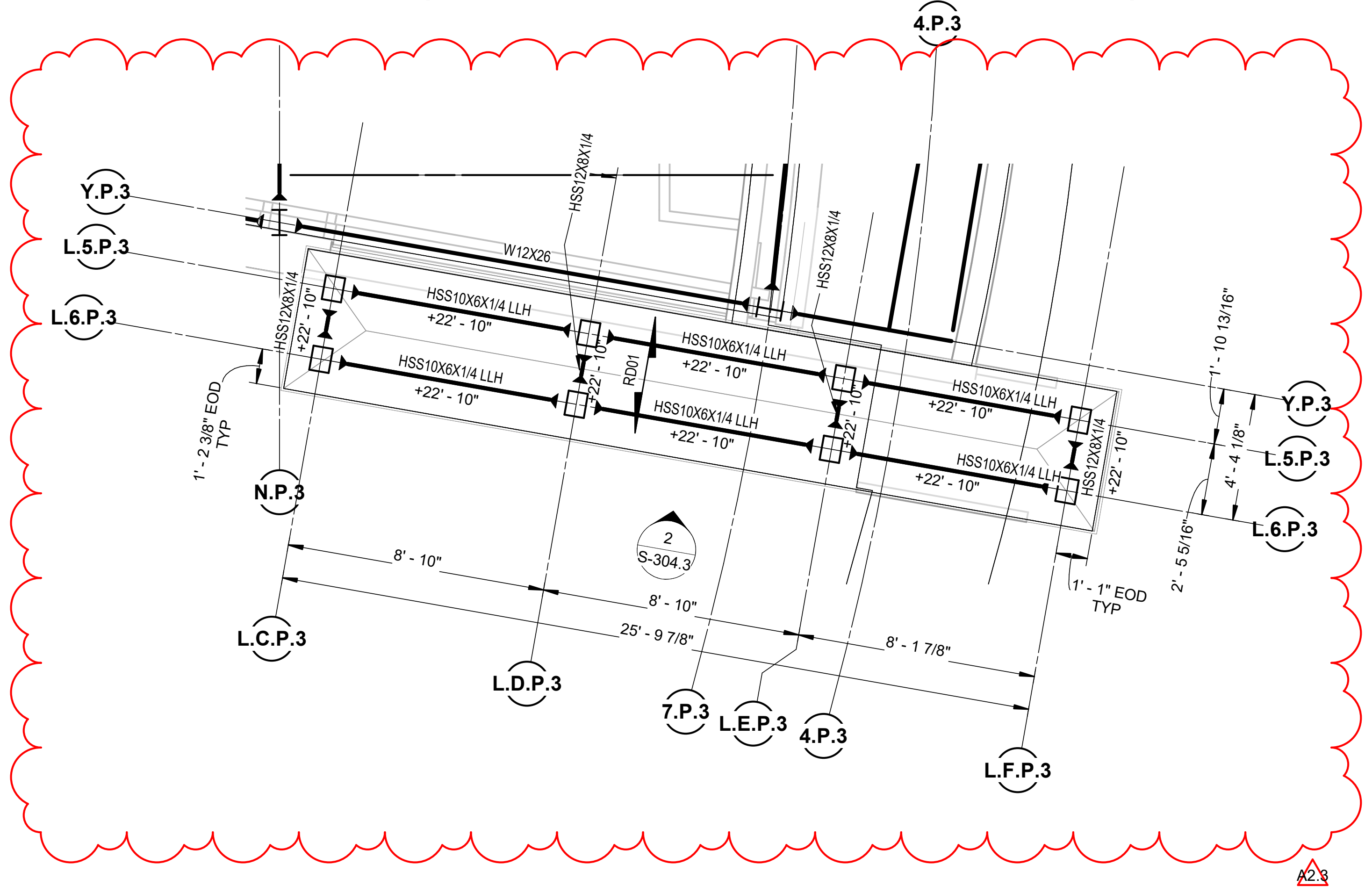
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

UNIT P ENLARGED FOUNDATION PLAN

S-303.3



UNIT P SOUTHERN LIGHT BOX FRAMING

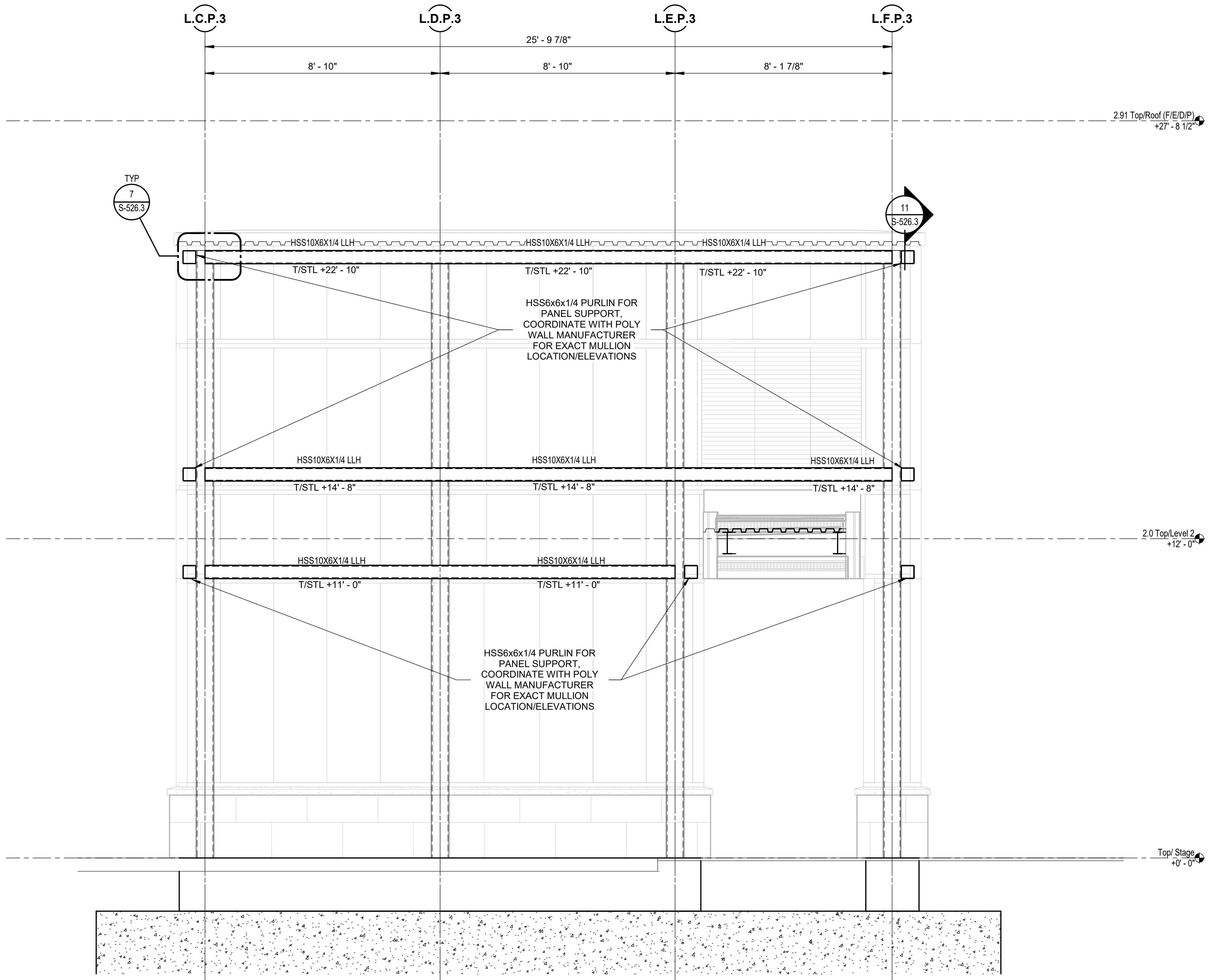
4
S-304.3
SCALE: 1/4" = 1'-0"

N

FRAMING PLAN NOTES:

1. ELEVATIONS ±, ARE FROM NOMINAL FIRST FLOOR ELEV +0'-0", SEE CIVIL DRAWINGS.
2. SEE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
3. COORDINATE DECK AND SLAB OPENINGS - EXACT SIZE AND LOCATION, WITH MECHANICAL AND PLUMBING CONTRACTOR DRAWINGS AND EQUIPMENT SUPPLIER.
4. FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS

Plan Note Schedule Unit P Enlarged	
#	NOTE
1	CFS WALL SUPPORTING CURTAIN WALL ABOVE. DECK TO SUPPORT 105 PLF WALL LOAD BEARING DIRECTLY ON DECK.

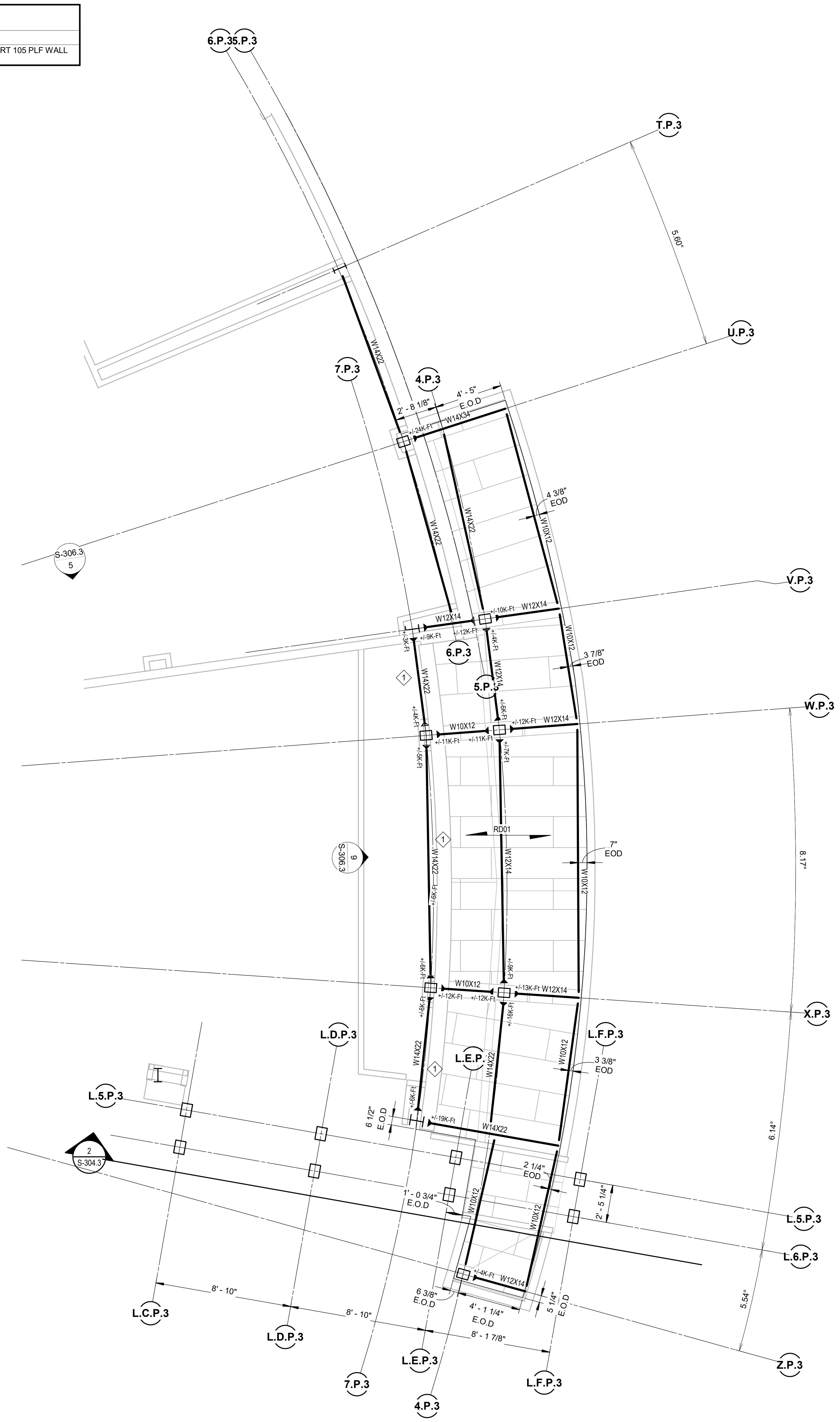


UNIT P SE LIGHTBOX ELEVATION

2
S-304.3
SCALE: 3/8" = 1'-0"

ELEVATION NOTES:

1. ELEVATIONS ±, ARE FROM NOMINAL FIRST FLOOR ELEV +0'-0", SEE CIVIL DRAWINGS.
2. SEE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.



UNIT P ENLARGED LOWER CANOPY PLAN

SCALE: 1/4" = 1'-0"

N

FRAMING PLAN NOTES:

1. ELEVATIONS ±, ARE FROM NOMINAL FIRST FLOOR ELEV +0'-0", SEE CIVIL DRAWINGS.
2. SEE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
3. COORDINATE DECK AND SLAB OPENINGS - EXACT SIZE AND LOCATION, WITH MECHANICAL AND PLUMBING CONTRACTOR DRAWINGS AND EQUIPMENT SUPPLIER.
4. FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS
5. T/STEEL = 12'-3" U.N.O.

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A2.3	ADDENDUM 2.3	03.22.2023

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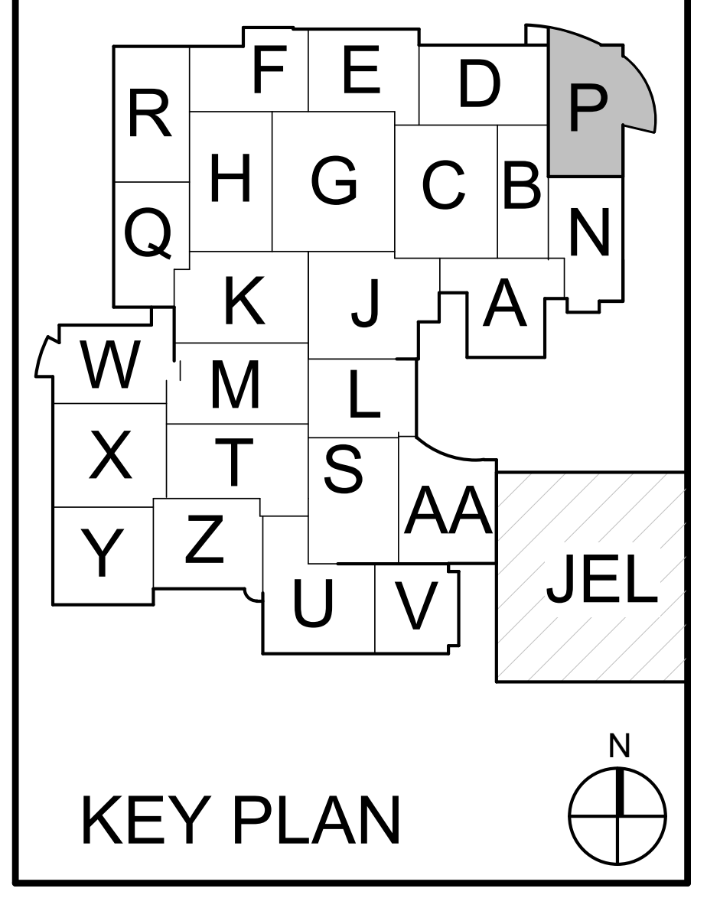

KEY PLAN

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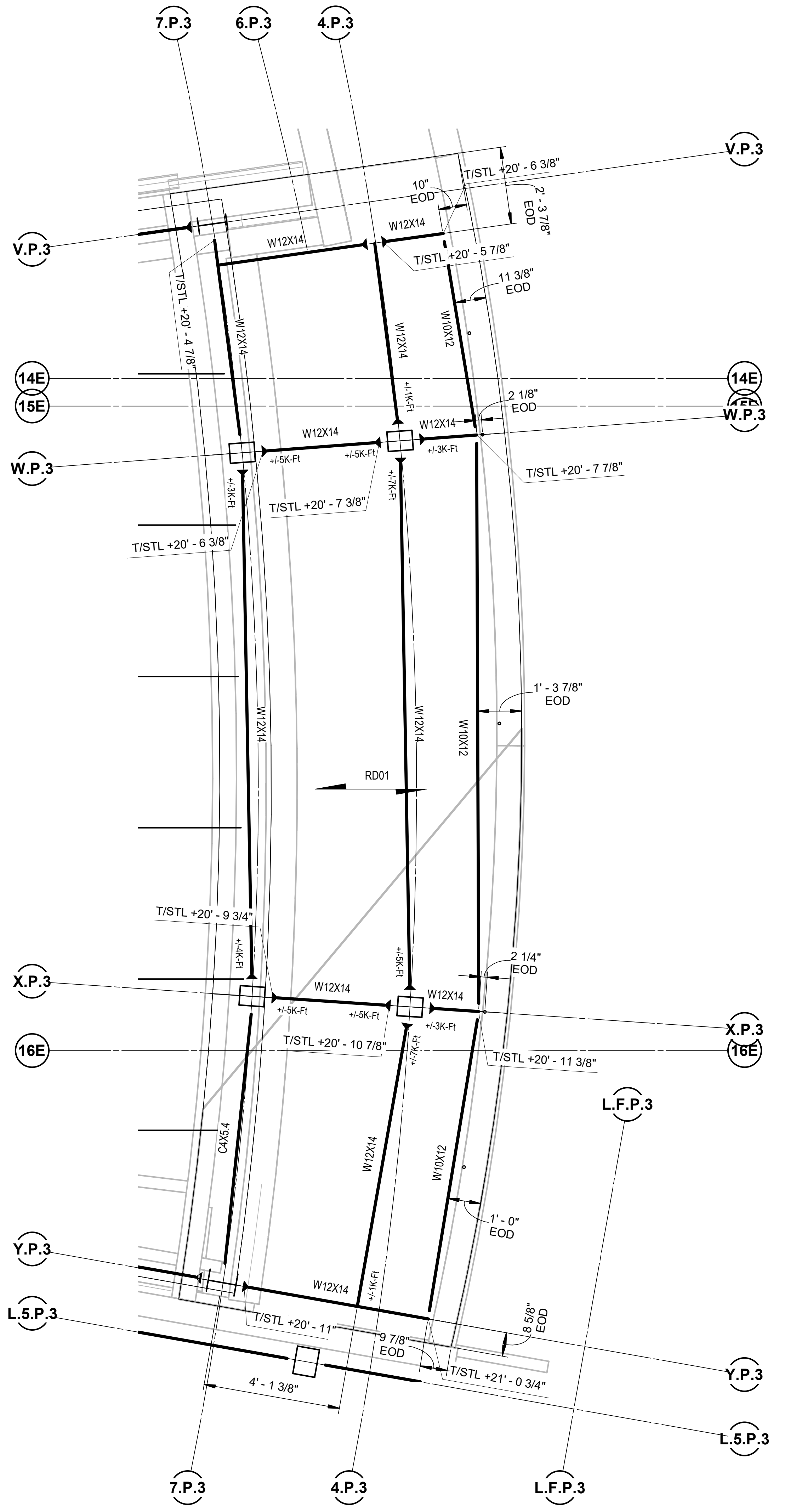
North Central High School
Renovation - Additions
Phase 3

ENLARGED UNIT P
FRAMING PLANS

S-304.3



3
S-305.3

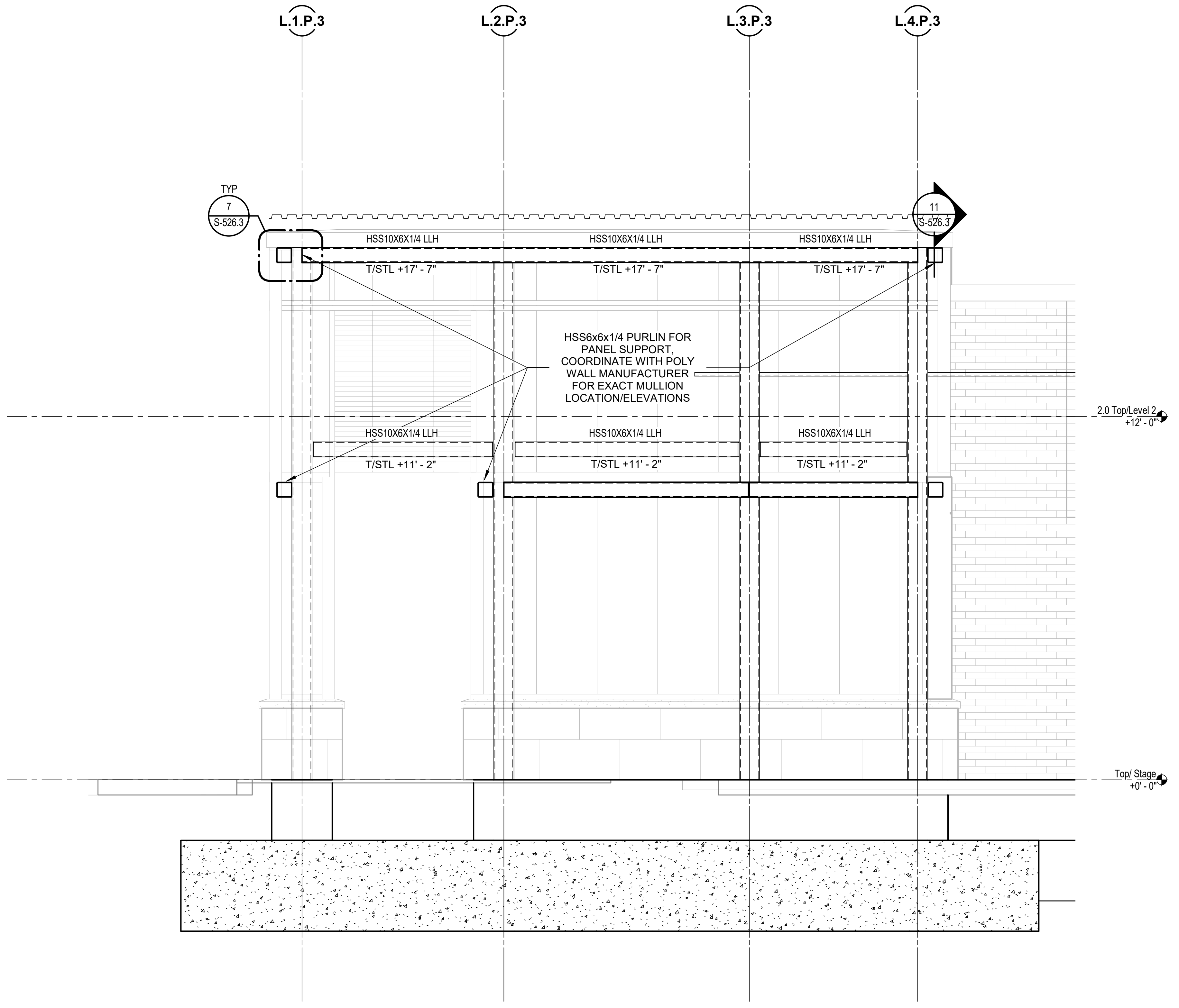
UNIT P HIGH CANOPY FRAMING PLAN

SCALE: 3/8" = 1'-0"

N

FRAMING PLAN NOTES:

1. ELEVATIONS ±, ARE FROM NOMINAL FIRST FLOOR ELEV +0'-0", SEE CIVIL DRAWINGS.
2. SEE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
3. COORDINATE DECK AND SLAB OPENINGS - EXACT SIZE AND LOCATION, WITH MECHANICAL AND PLUMBING CONTRACTOR DRAWINGS AND EQUIPMENT SUPPLIER.
4. FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS



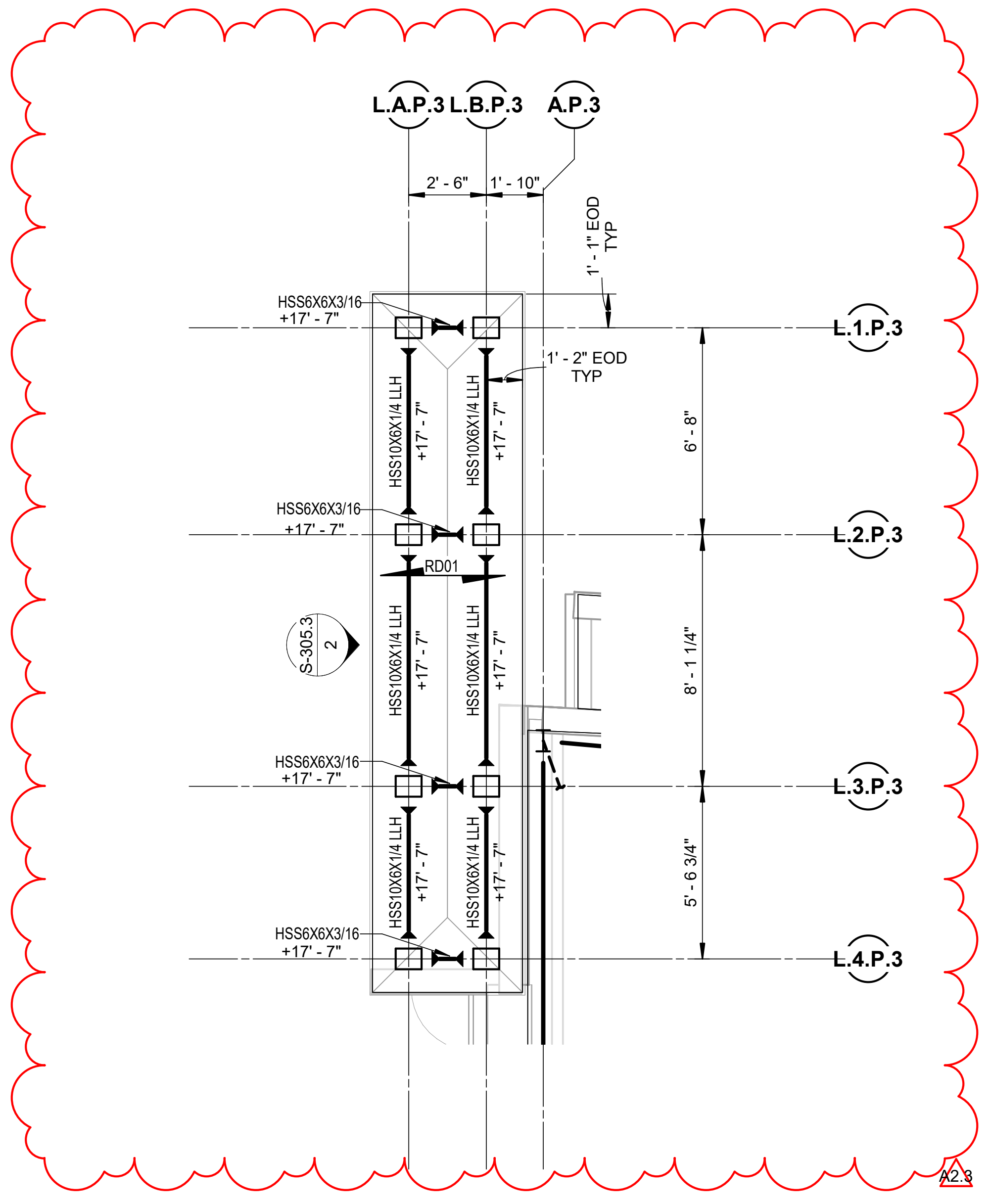
2
S-305.3

UNIT P NW LIGHTBOX ELEVATION

SCALE: 3/8" = 1'-0"

ELEVATION NOTES:

1. ELEVATIONS ±, ARE FROM NOMINAL FIRST FLOOR ELEV +0'-0", SEE CIVIL DRAWINGS.
2. SEE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.



1
S-305.3

UNIT P NORTHERN LIGHT BOX FRAMING

SCALE: 1/4" = 1'-0"

N

FRAMING PLAN NOTES:

1. ELEVATIONS ±, ARE FROM NOMINAL FIRST FLOOR ELEV +0'-0", SEE CIVIL DRAWINGS.
2. SEE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
3. COORDINATE DECK AND SLAB OPENINGS - EXACT SIZE AND LOCATION, WITH MECHANICAL AND PLUMBING CONTRACTOR DRAWINGS AND EQUIPMENT SUPPLIER.
4. FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS

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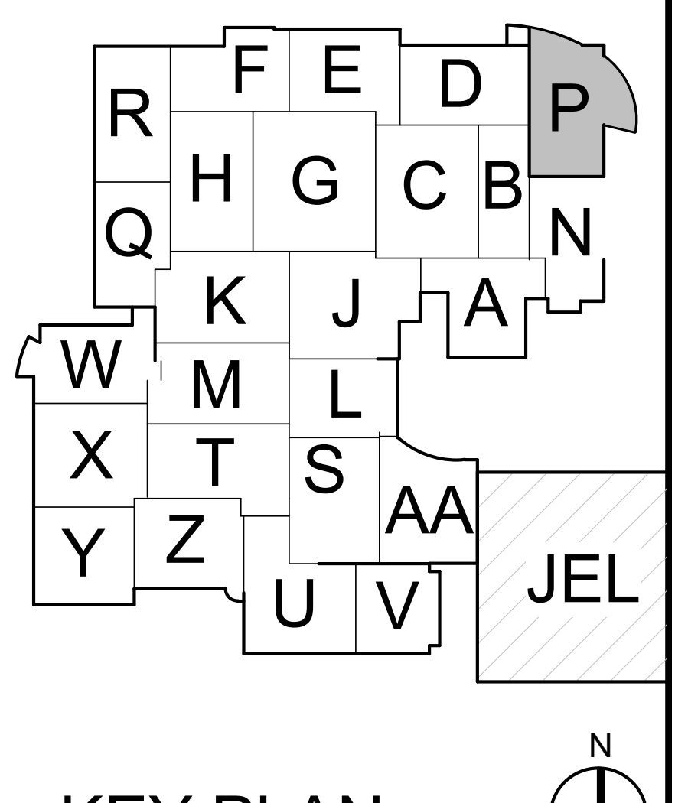
Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced MS CDL

DYLAN SEESMAN
No. PE11900810

Dylan Seesman
03.03.2023

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

1801 East 86th Street
Indianapolis, IN 46240



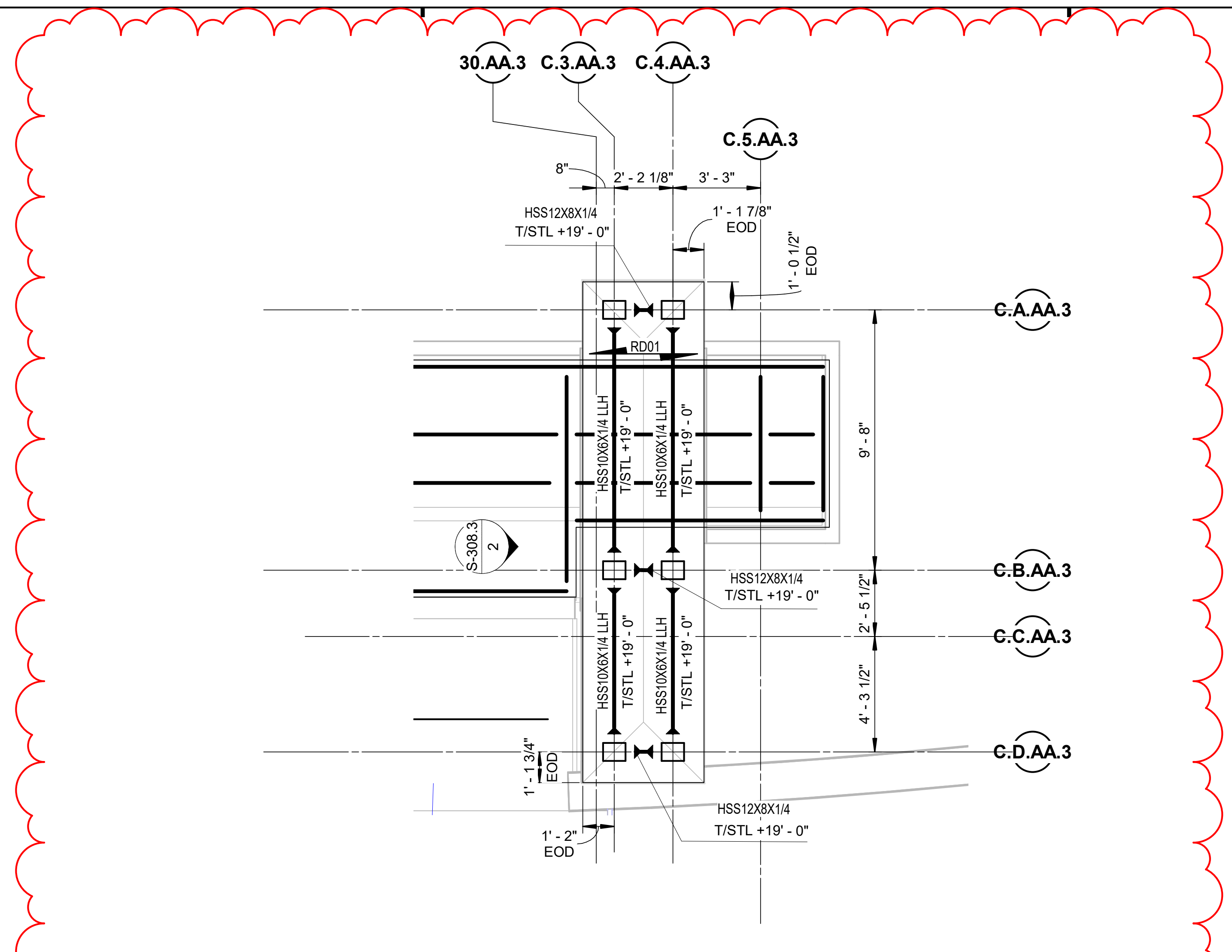
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

ENLARGED UNIT P
FRAMING PLANS

S-305.3



PERFORMING ARTS CANOPY ALTERNATE UNIT AA LIGHT BOX TOP FRAMING PLAN

3
S-308.3

SCALE: 1/4" = 1'-0"

N

A2.3

FRAMING PLAN NOTES:

1. ELEVATIONS ±, ARE FROM NOMINAL FIRST FLOOR ELEV +0'-0", SEE CIVIL DRAWINGS.
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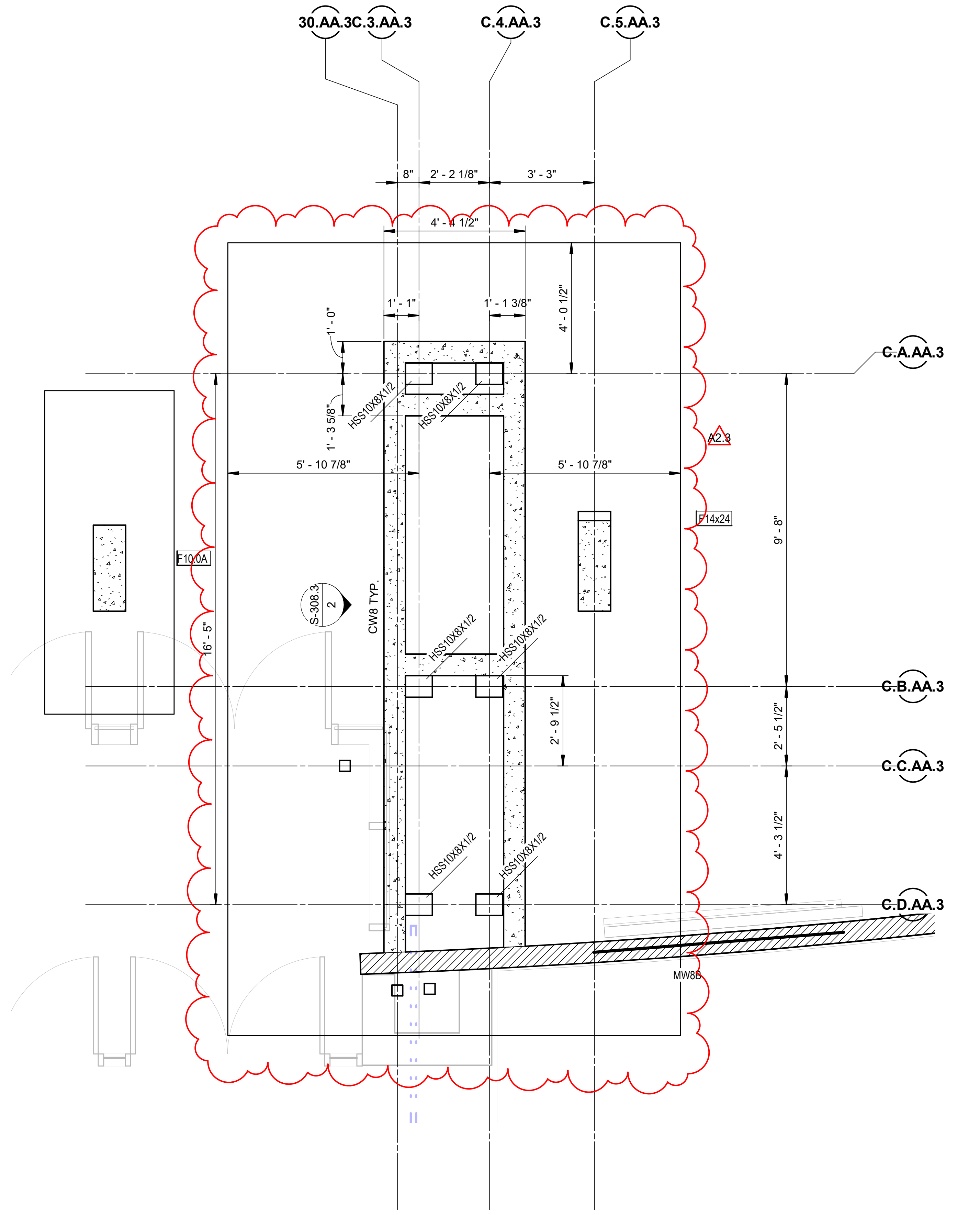


PERFORMING ARTS CANOPY ALTERNATE UNIT AA FOUNDATION PLAN

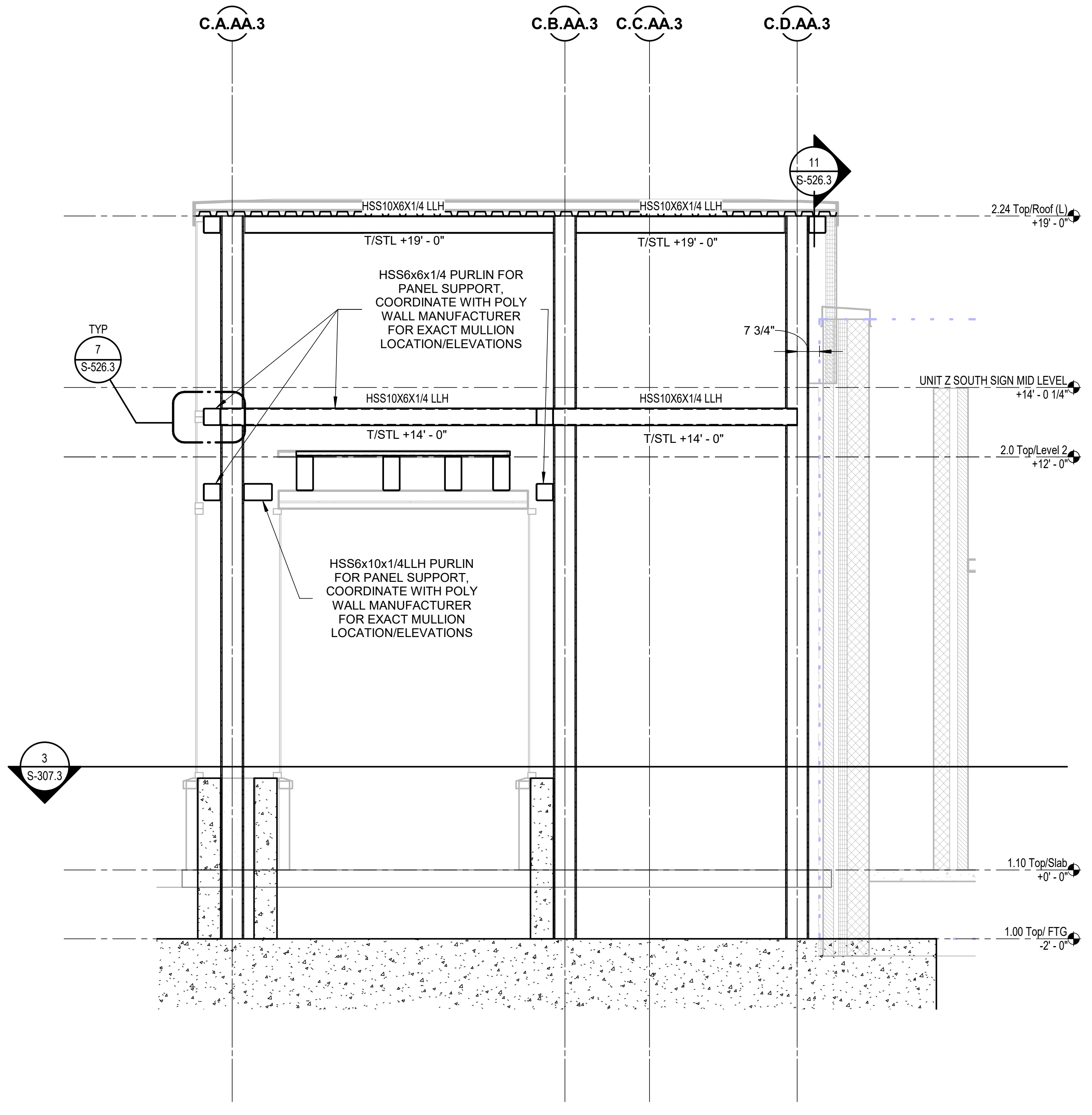
1
S-308.3

SCALE: 3/8" = 1'-0"

N

FLOOR PLAN NOTES:

1. ELEVATIONS ±, ARE FROM NOMINAL FIRST FLOOR ELEV +0'-0", SEE CIVIL DRAWINGS.
2. SEE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
3. T/F = -2' - 0" U.N.O.
4. FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS
5. ELEVATION AT BOTTOM OF NEW FOOTINGS TO MATCH ELEVATION AT BOTTOM OF EXISTING FOOTINGS WHERE APPLICABLE. VERIFY IN FIELD. FOLLOW DETAILS FOR DOWEL REQUIREMENTS.



PERFORMING ARTS CANOPY ALTERNATE UNIT AA LIGHT BOX ELEVATION

2
S-308.3

SCALE: 3/8" = 1'-0"

ELEVATION NOTES:

1. ELEVATIONS ±, ARE FROM NOMINAL FIRST FLOOR ELEV +0'-0", SEE CIVIL DRAWINGS.
2. SEE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.

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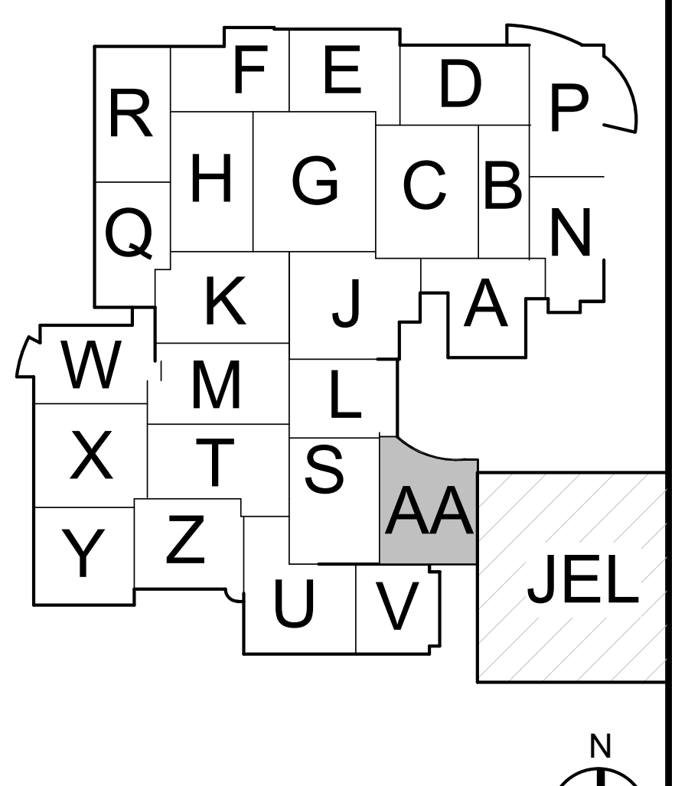


KEY PLAN

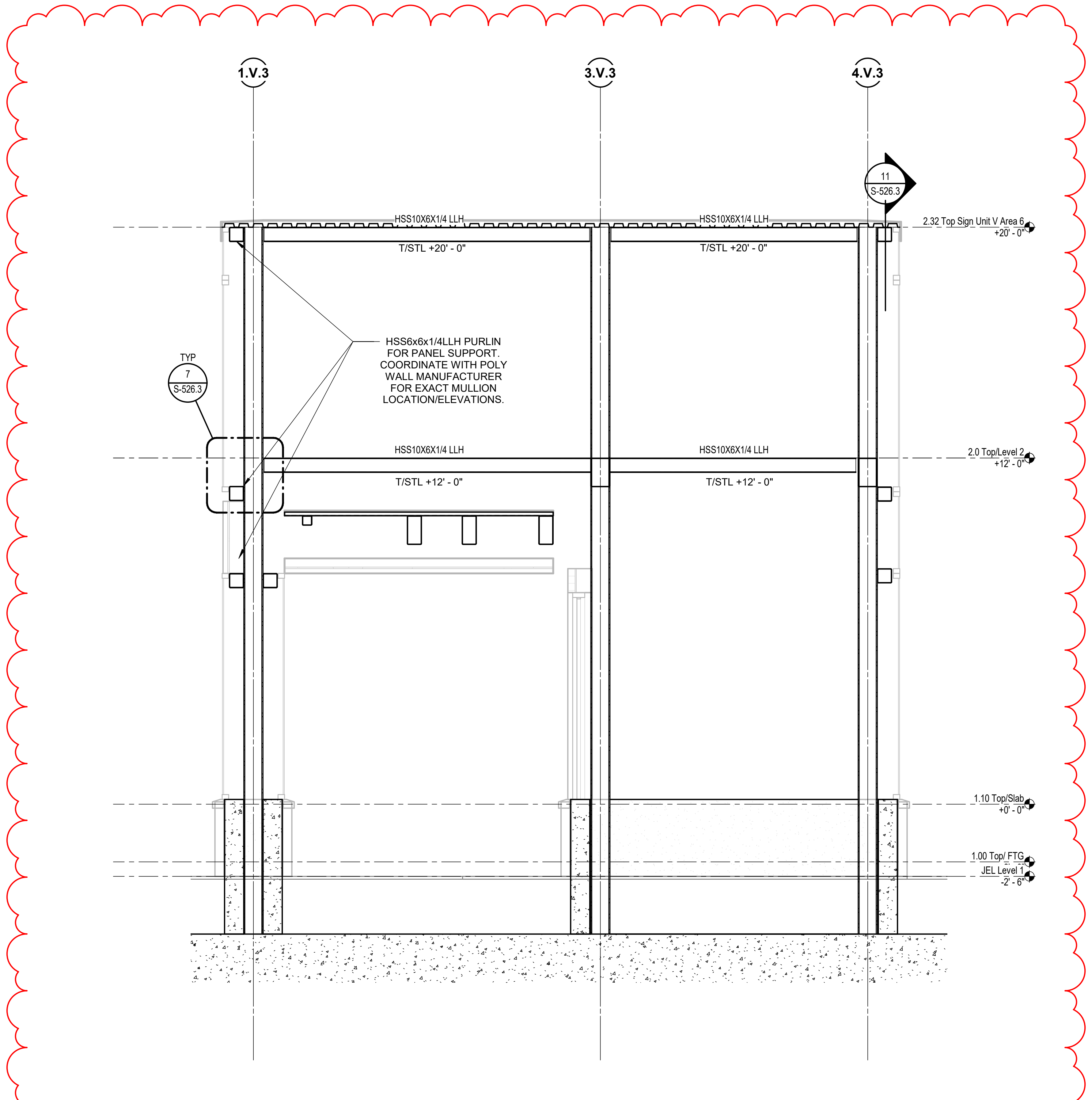
N

M.S.D. of Washington
Township

North Central High School
Renovation - Additions
Phase 3

ENLARGED UNIT AA
LIGHTBOX PLANS

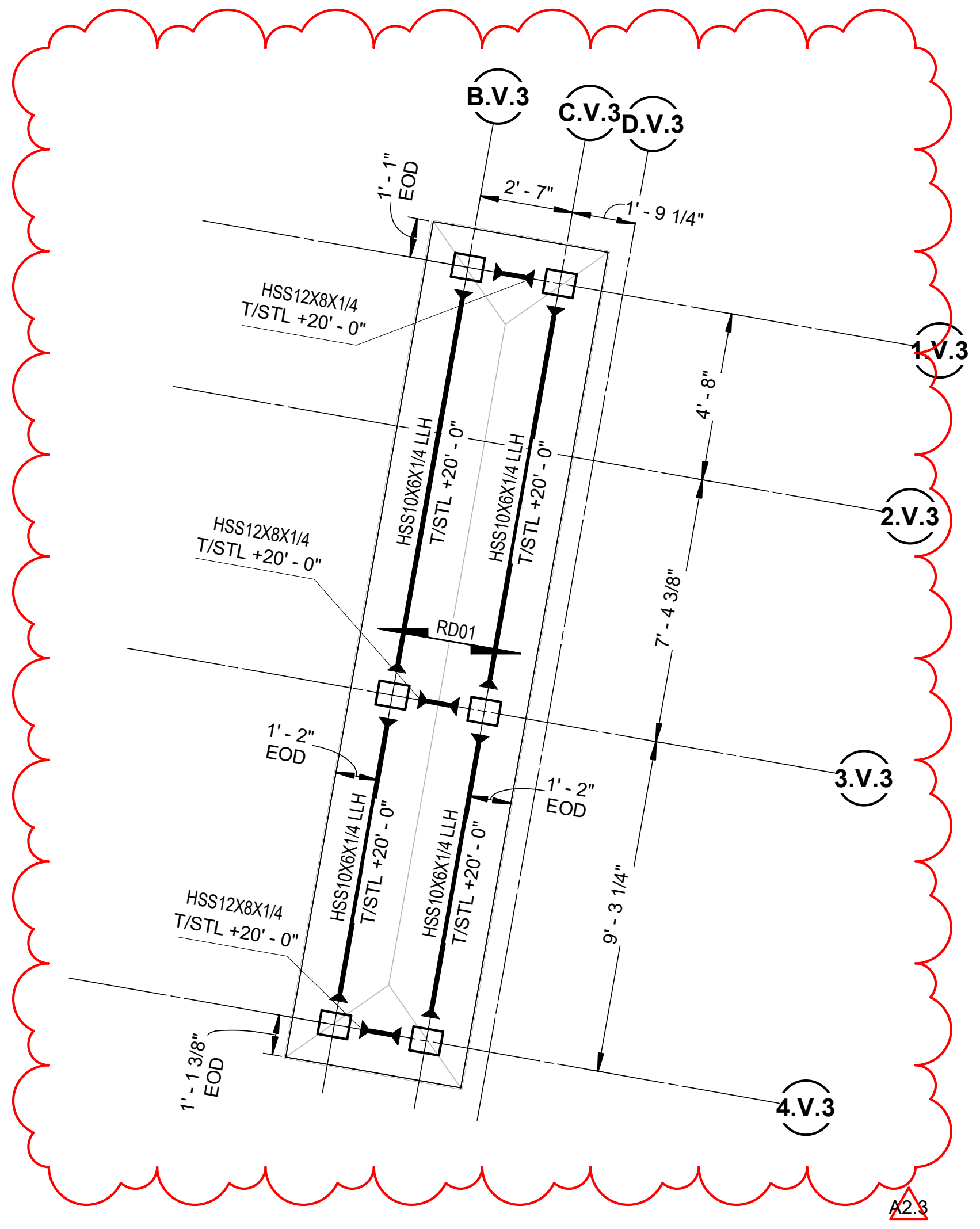
S-308.3



3
S-309.3

ALTERNATE UNIT V LIGHT BOX

SCALE: 3/8" = 1'-0"



2
S-309.3

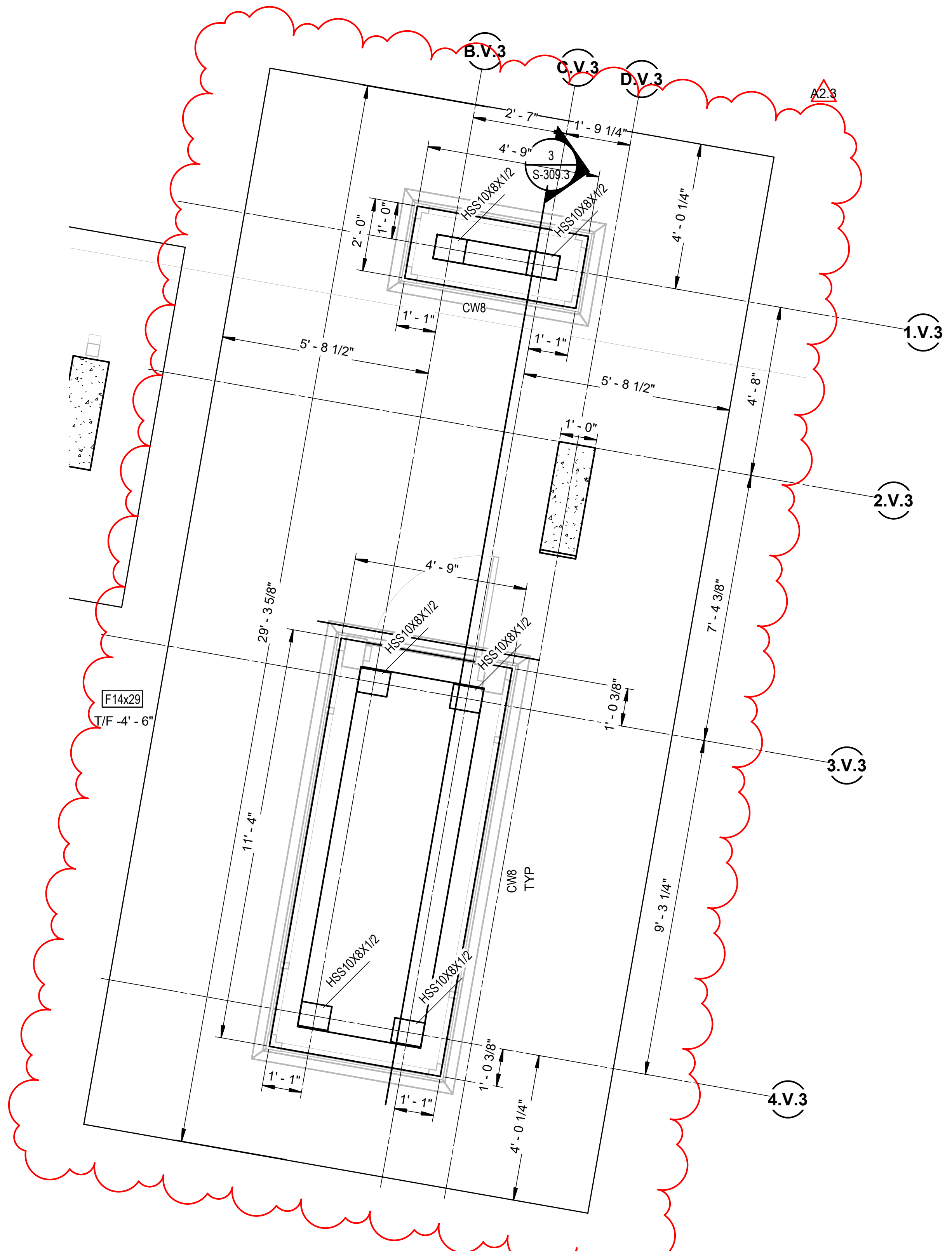
SOUTH CANOPY ALTERNATE UNIT V LIGHT BOX TOP FRAMING

SCALE: 1/4" = 1'-0"

N

FRAMING PLAN NOTES:

1. ELEVATIONS ±, ARE FROM NOMINAL FIRST FLOOR ELEV +0'-0", SEE CIVIL DRAWINGS.
2. SEE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
3. COORDINATE DECK AND SLAB OPENINGS - EXACT SIZE AND LOCATION, WITH MECHANICAL AND PLUMBING CONTRACTOR DRAWINGS AND EQUIPMENT SUPPLIER.
4. FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS



1
S-309.3

SOUTH CANOPY ALTERNATE UNIT V ENLARGED LIGHTBOX FOUNDATION PLAN

SCALE: 3/8" = 1'-0"

N

FLOOR PLAN NOTES:

1. ELEVATIONS ±, ARE FROM NOMINAL FIRST FLOOR ELEV +0'-0", SEE CIVIL DRAWINGS.
2. SEE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
3. T/F = -2' - 0" U.N.O.
4. FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS
5. ELEVATION AT BOTTOM OF NEW FOOTINGS TO MATCH ELEVATION AT BOTTOM OF EXISTING FOOTINGS WHERE APPLICABLE. VERIFY IN FIELD. FOLLOW DETAILS FOR DOWEL REQUIREMENTS.

S-309.3_ ENLARGED UNIT V LIGHTBOX PLANS
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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3/22/2023 11:18:15 AM

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Dylan Seesman
03.03.2023

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

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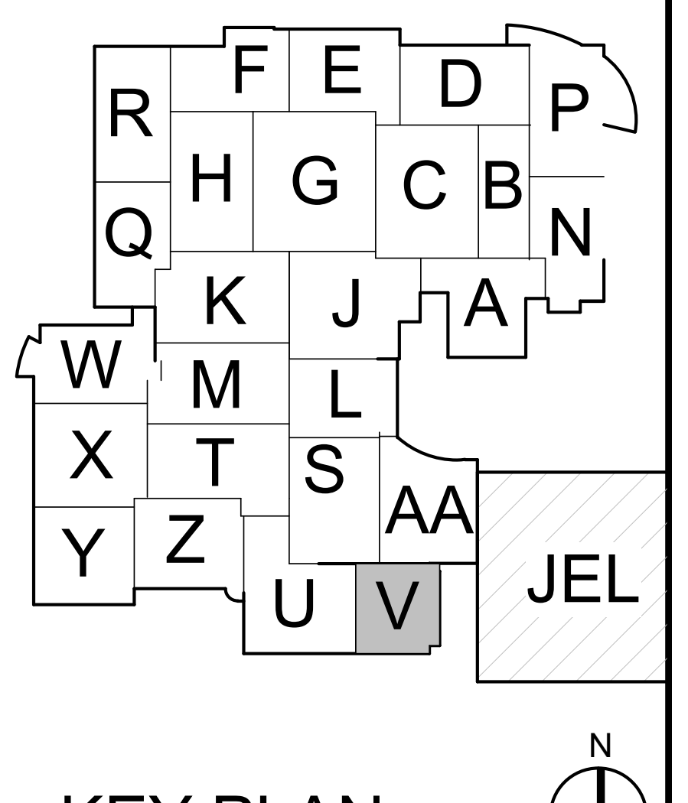


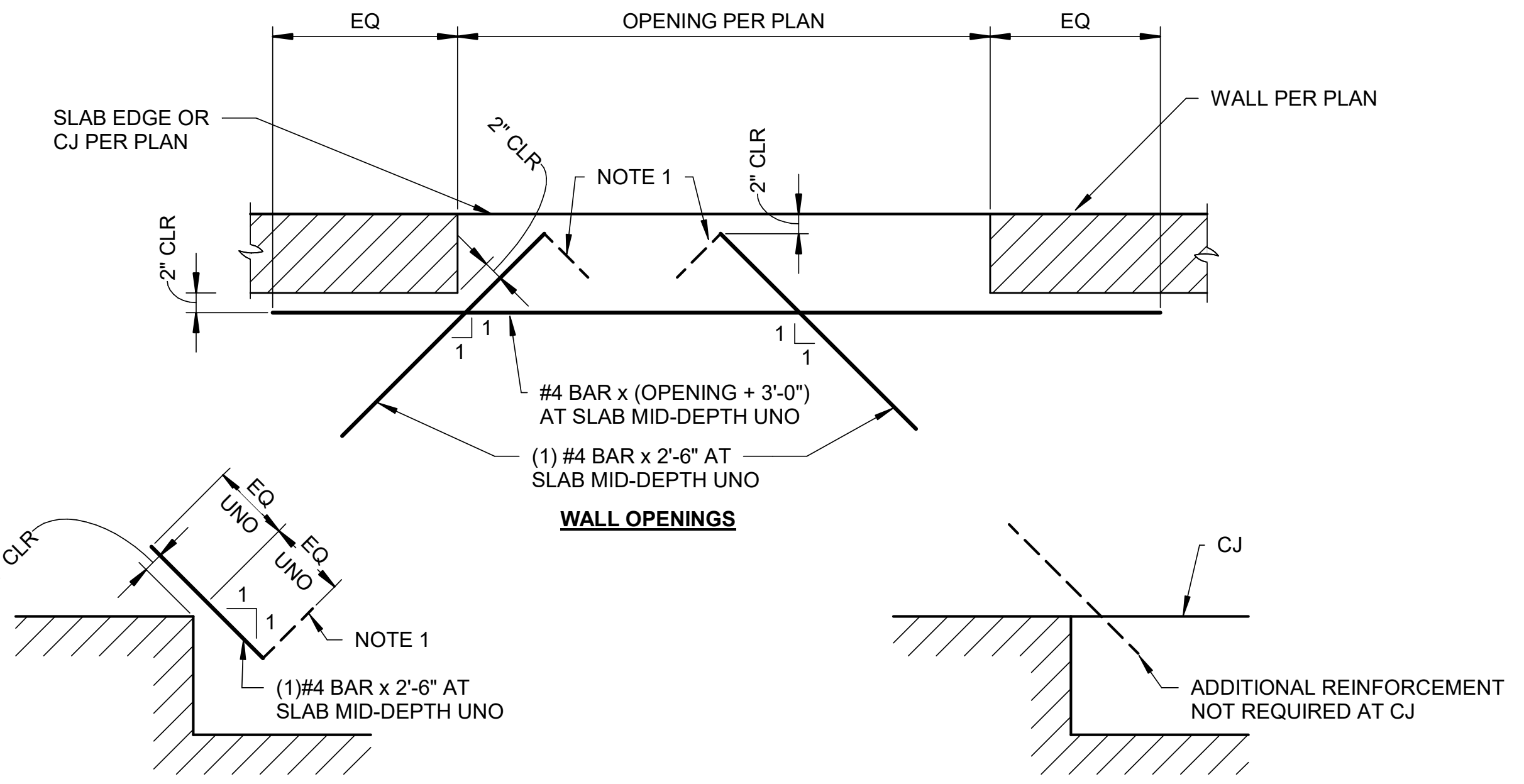
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

ENLARGED UNIT V
LIGHTBOX PLANS

S-309.3

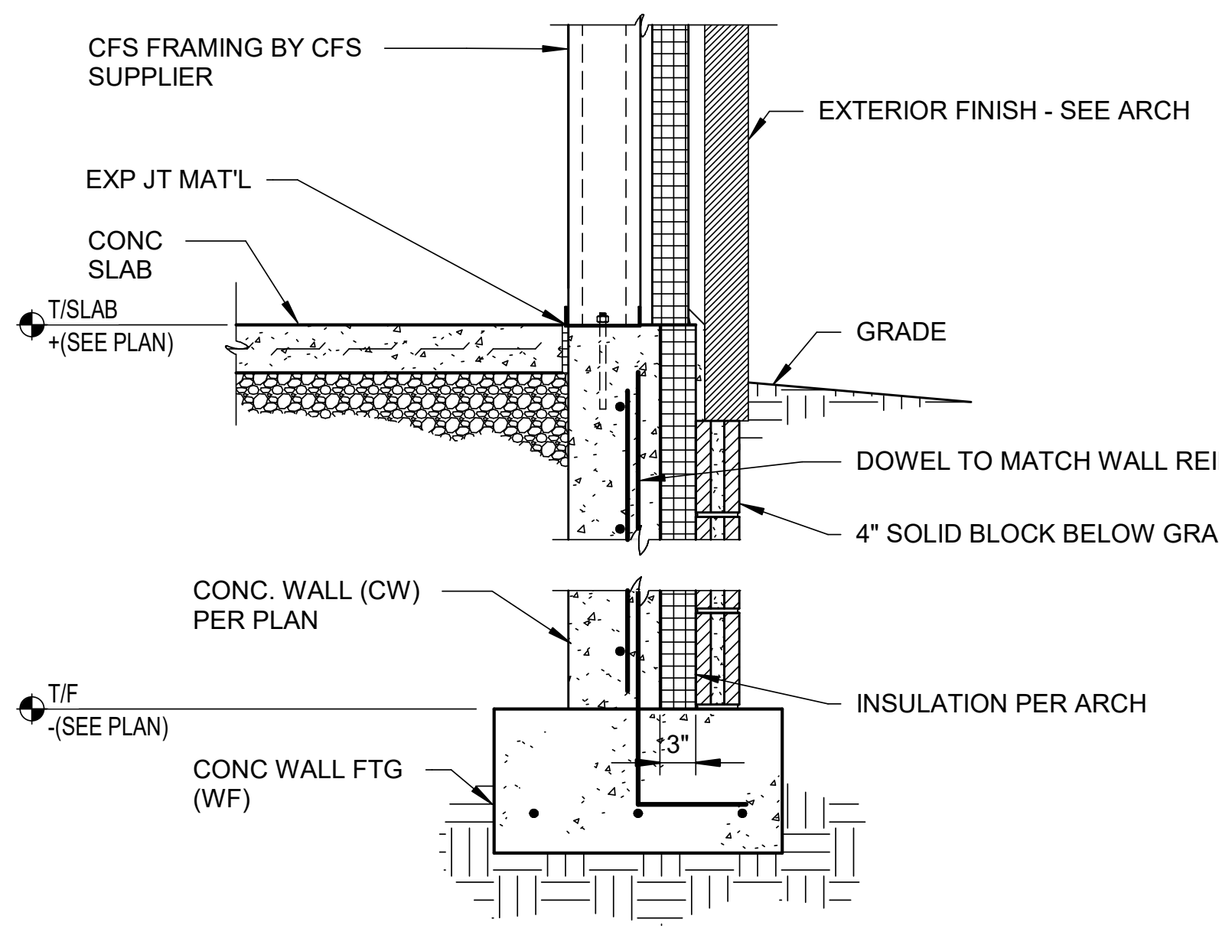


NOTES:
1. WHERE THERE IS INSUFFICIENT ROOM TO INSTALL A STRAIGHT BAR AS SHOWN CENTERED WITH EQUAL LENGTH EACH SIDE OF THE RE-ENTRANT CORNER, PROVIDE BAR WITH A 90- OR 180- DEGREE HOOK INSTALLED ON THE SIDE WITH SHORTER EMBEDMENT.
2. FOR SLABS WITH 2 LAYERS OF REINFORCEMENT, INSTALL ADDITIONAL REINFORCEMENT AT ELEVATION OF TOP LAYER ONLY.

3 / S-502.3

TYPICAL ADDITIONAL SLAB ON GRADE REINFORCEMENT AT RE-ENTRANT CORNERS

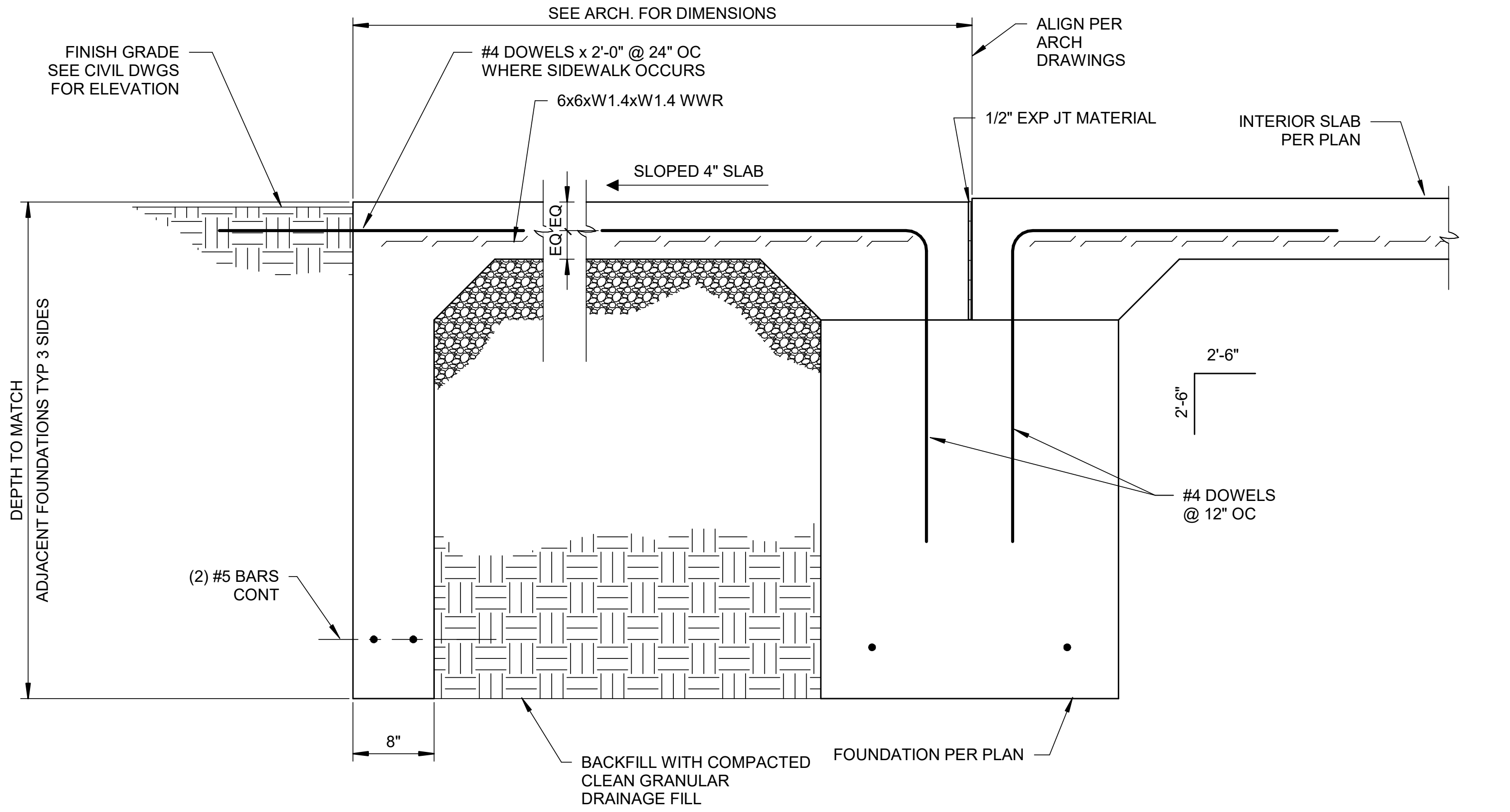
SCALE: 3/4" = 1'-0"



2 / S-502.3

SECTION @ FOUNDATION WALL

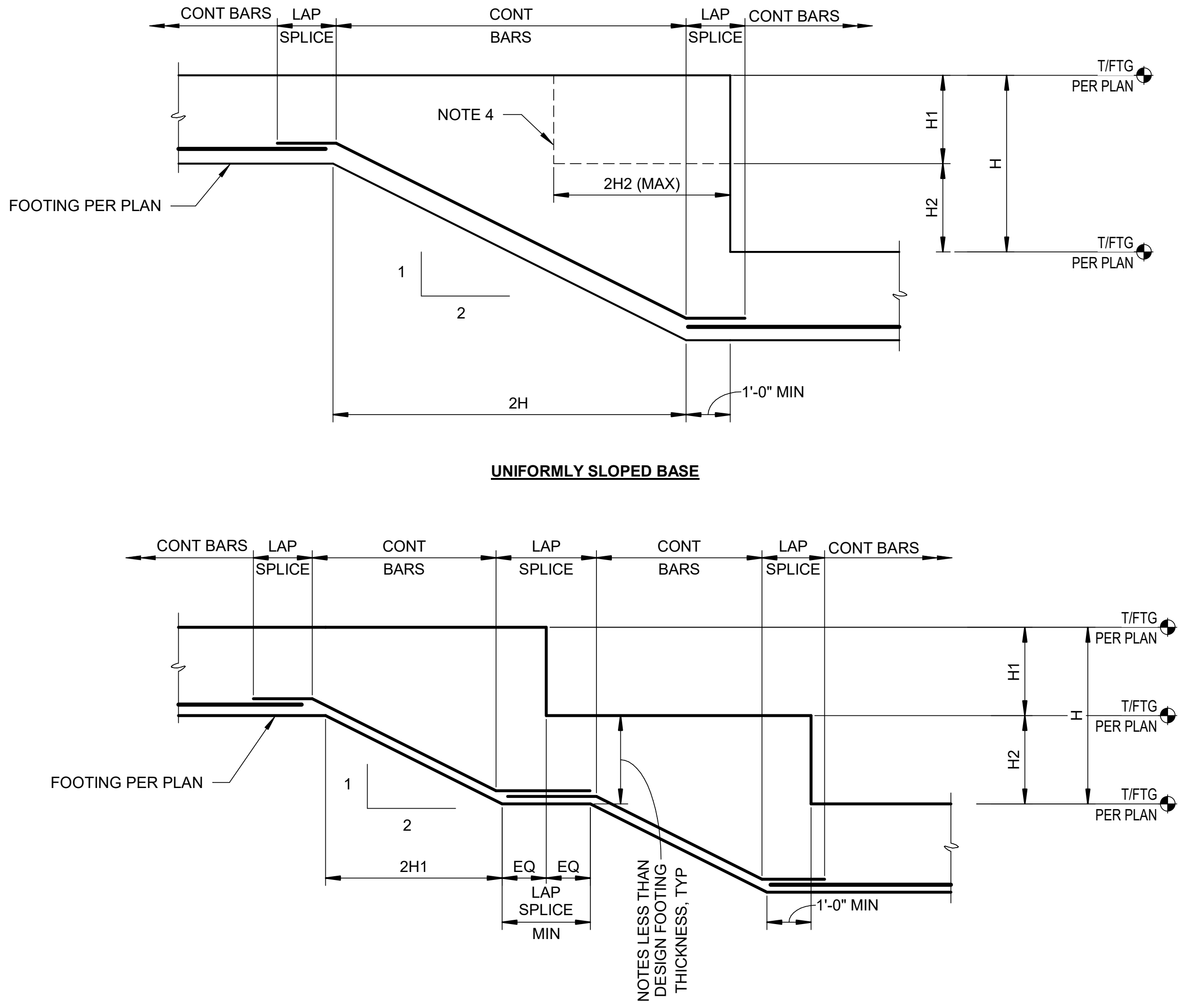
SCALE: 3/4" = 1'-0"



1 / S-502.3

TYPICAL ENTRANCE SECTION

SCALE: 1" = 1'-0"

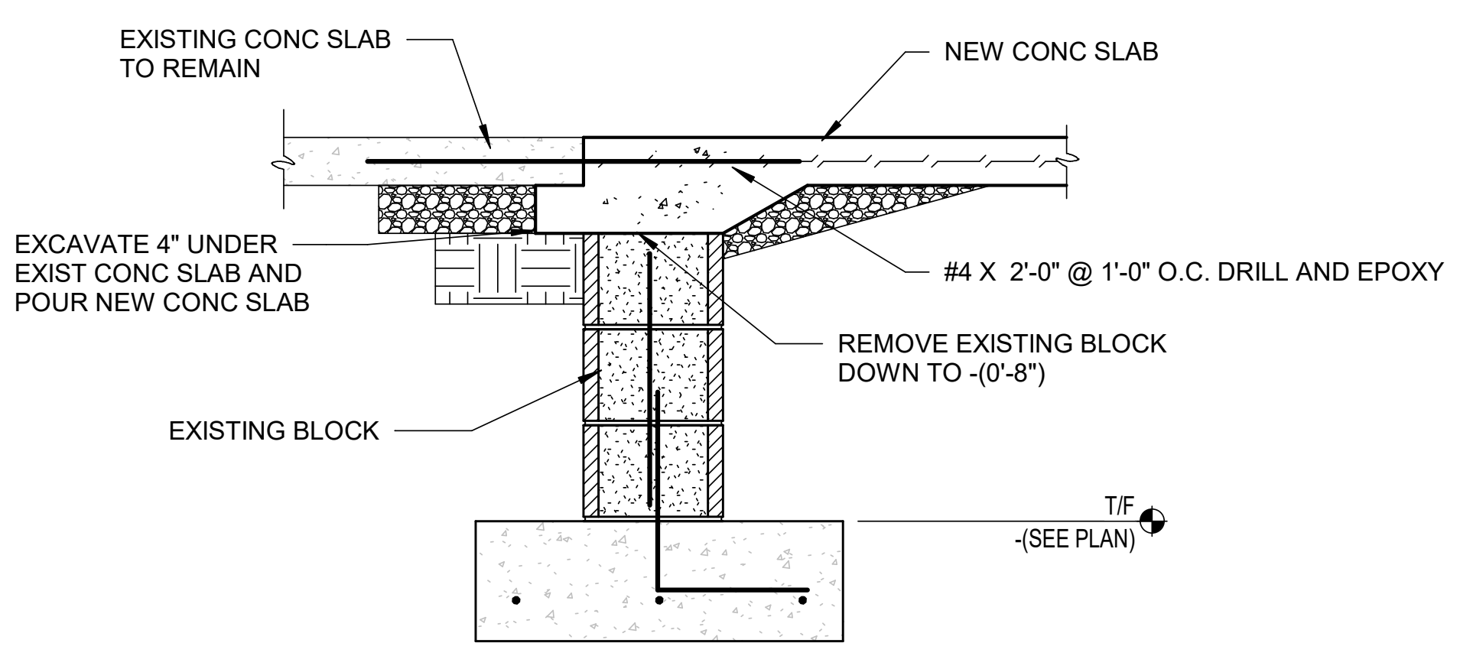


NOTES:
1. SEE PLAN FOR STEP LOCATIONS AND ELEVATIONS.
2. MAXIMUM SINGLE STEP HEIGHT = 4'-0".
3. USED BENCHED BASE FOR MULTIPLE ADJACENT STEPS AND WHEN TOTAL ELEVATION CHANGE "H" EXCEEDS 4'-0".
4. AT CONTRACTOR'S OPTION, DOUBLE STEP MAY BE USED AS SHOWN WHEN SINGLE STEP HEIGHT INDICATED ON PLAN EXCEEDS 2'-0". COORDINATE IN ADVANCE WITH ALL AFFECTED TRADES.

8 / S-502.3

TYPICAL TOP OF FOOTING STEP

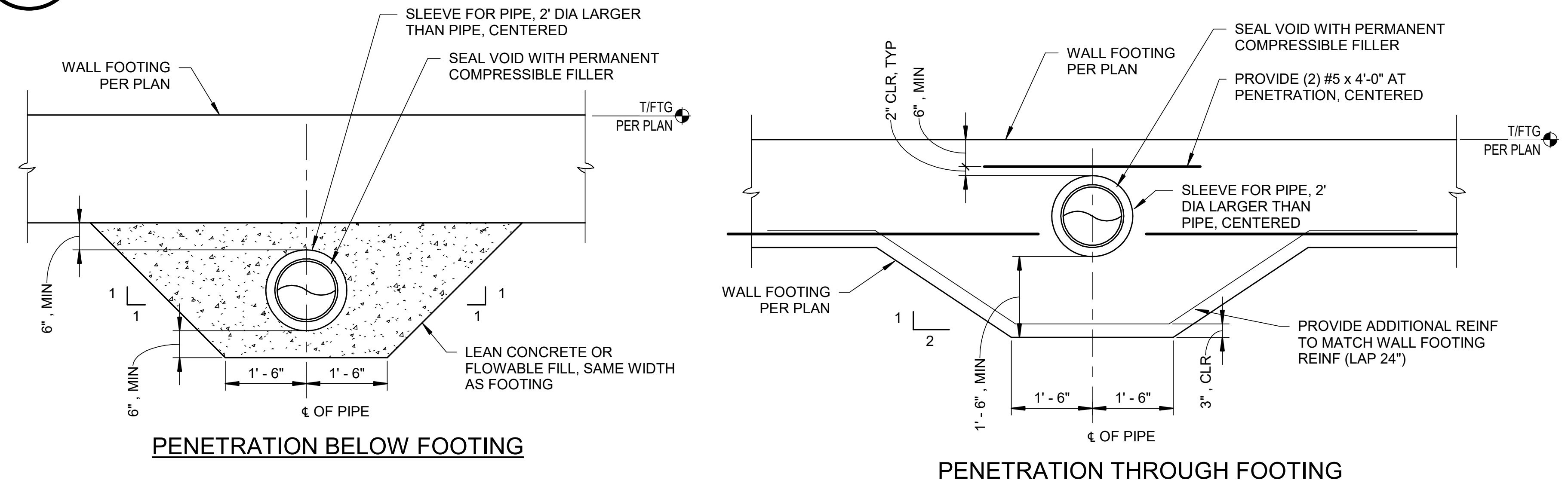
SCALE: 3/4" = 1'-0"



5 / S-502.3

NEW TO EXISTING SLAB AT ENTRY

SCALE: 3/4" = 1'-0"

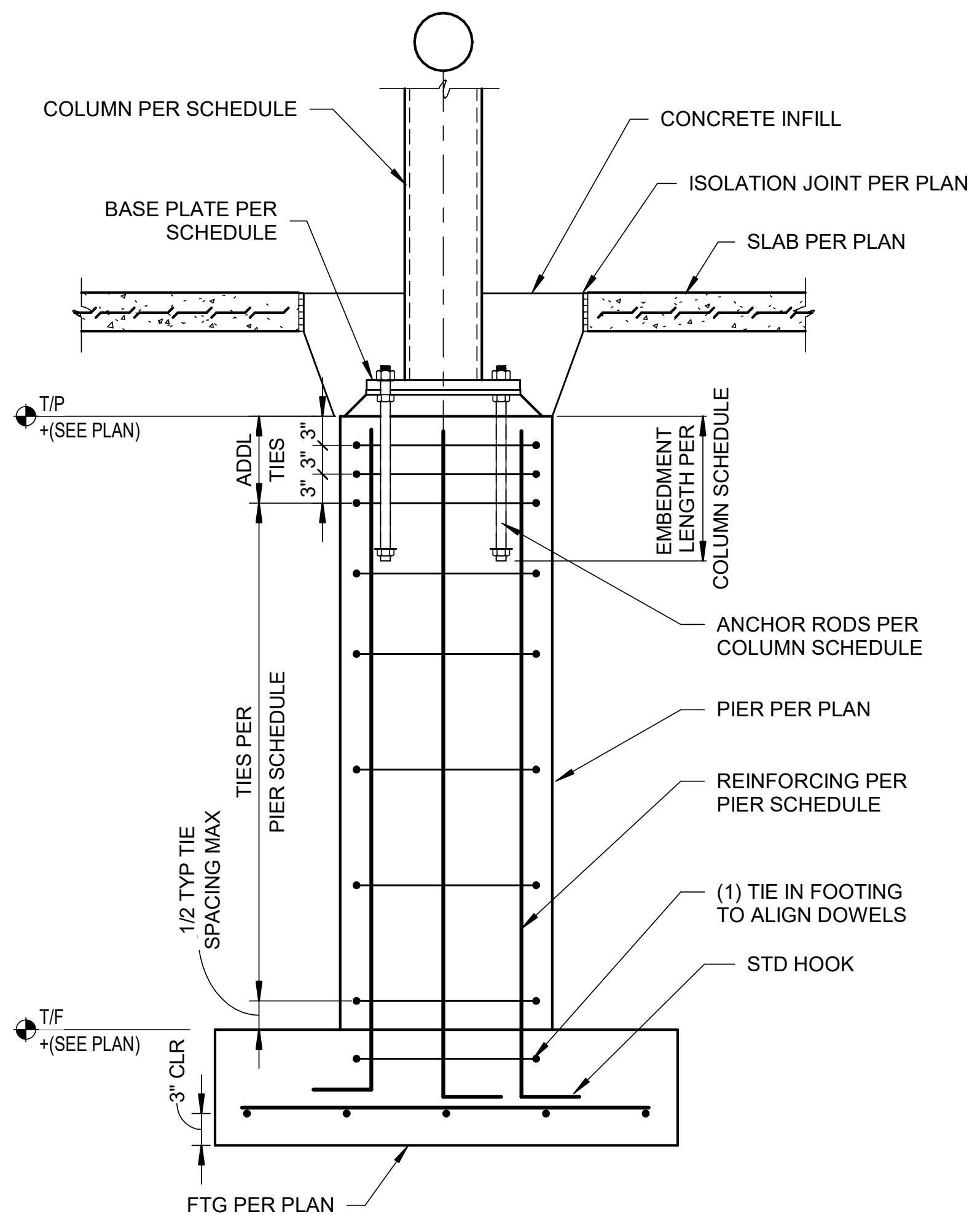


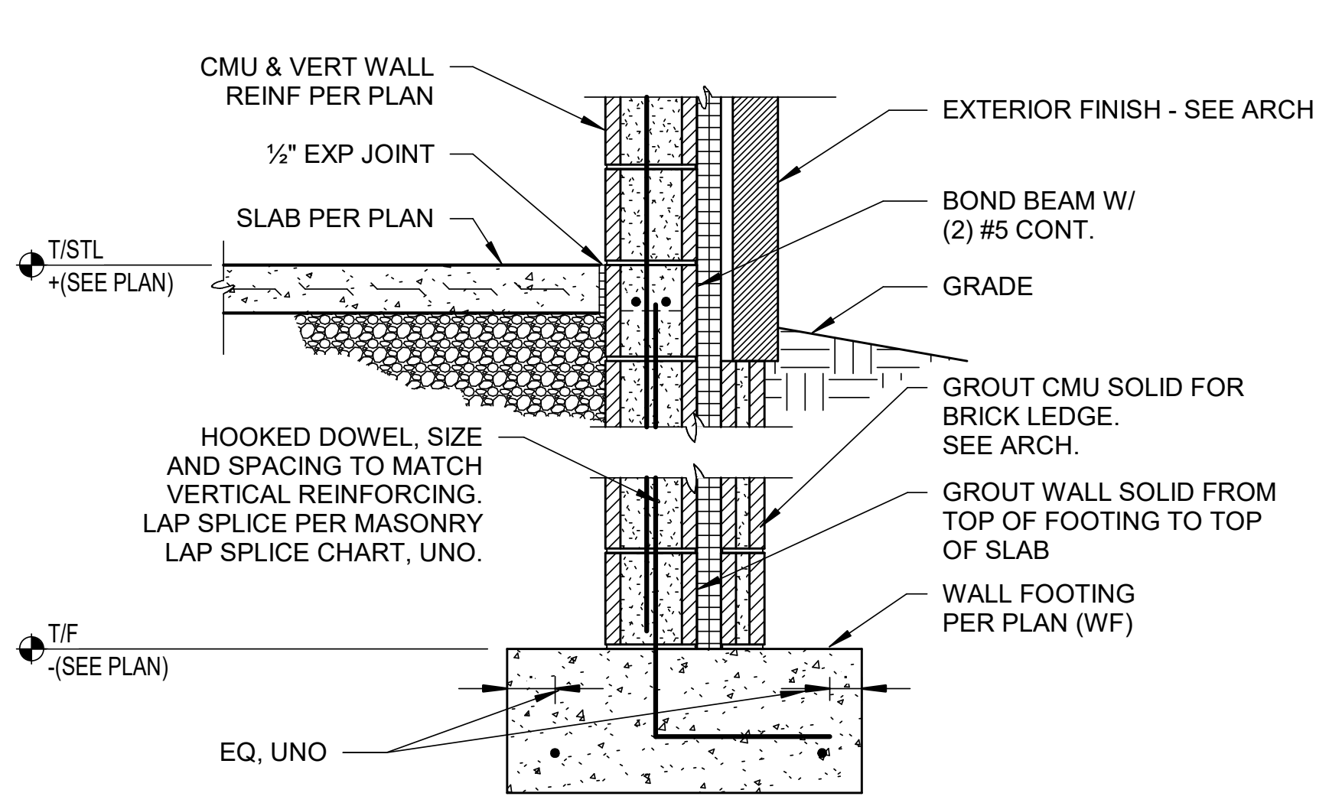
NOTES:
1. SEE PLUMBING DRAWINGS FOR LOCATIONS AND SIZE OF PENETRATIONS.
2. DETAIL SHOWN IS FOR MAXIMUM OF 12" DIA PIPE FOR LARGER SIZE, CONTACT STRUCTURAL ENGINEER PRIOR TO CONSTRUCTION.

4 / S-502.3

TYPICAL SLEEVE DETAIL AT WALL FTG

SCALE: 1/2" = 1'-0"

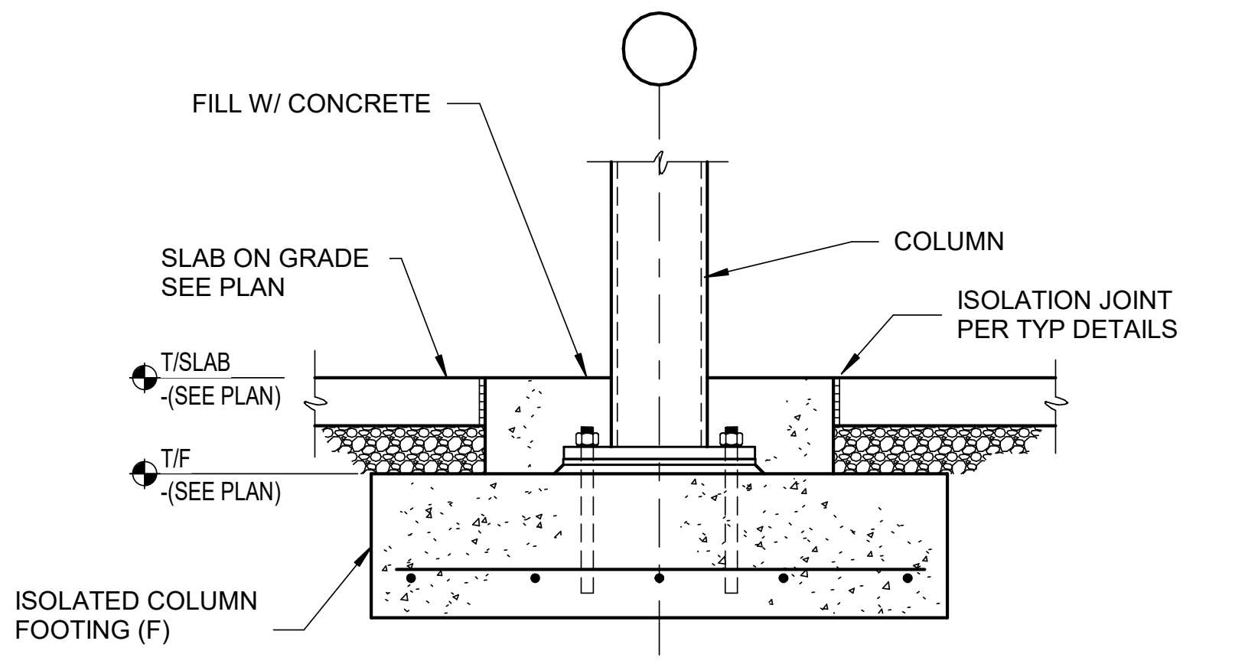




7 / S-502.3

TYPICAL WALL SECTION

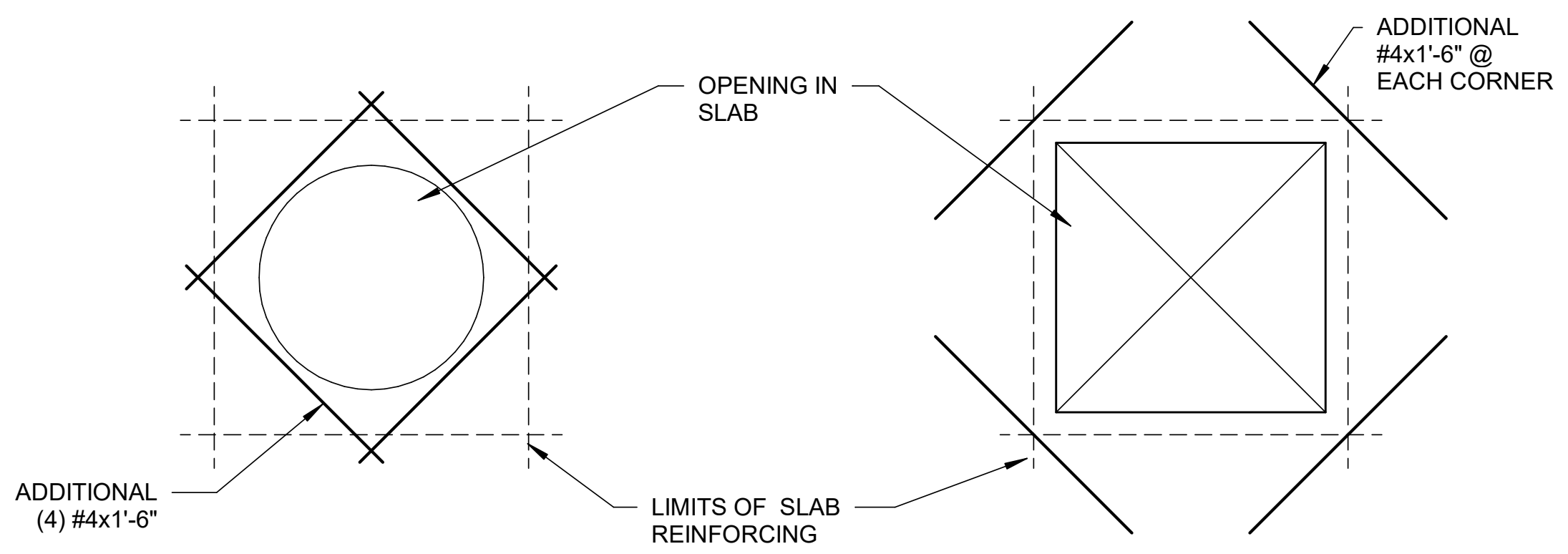
SCALE: 3/4" = 1'-0"



6 / S-502.3

TYPICAL COLUMN BASE SECTION

SCALE: 3/4" = 1'-0"



12 / S-502.3

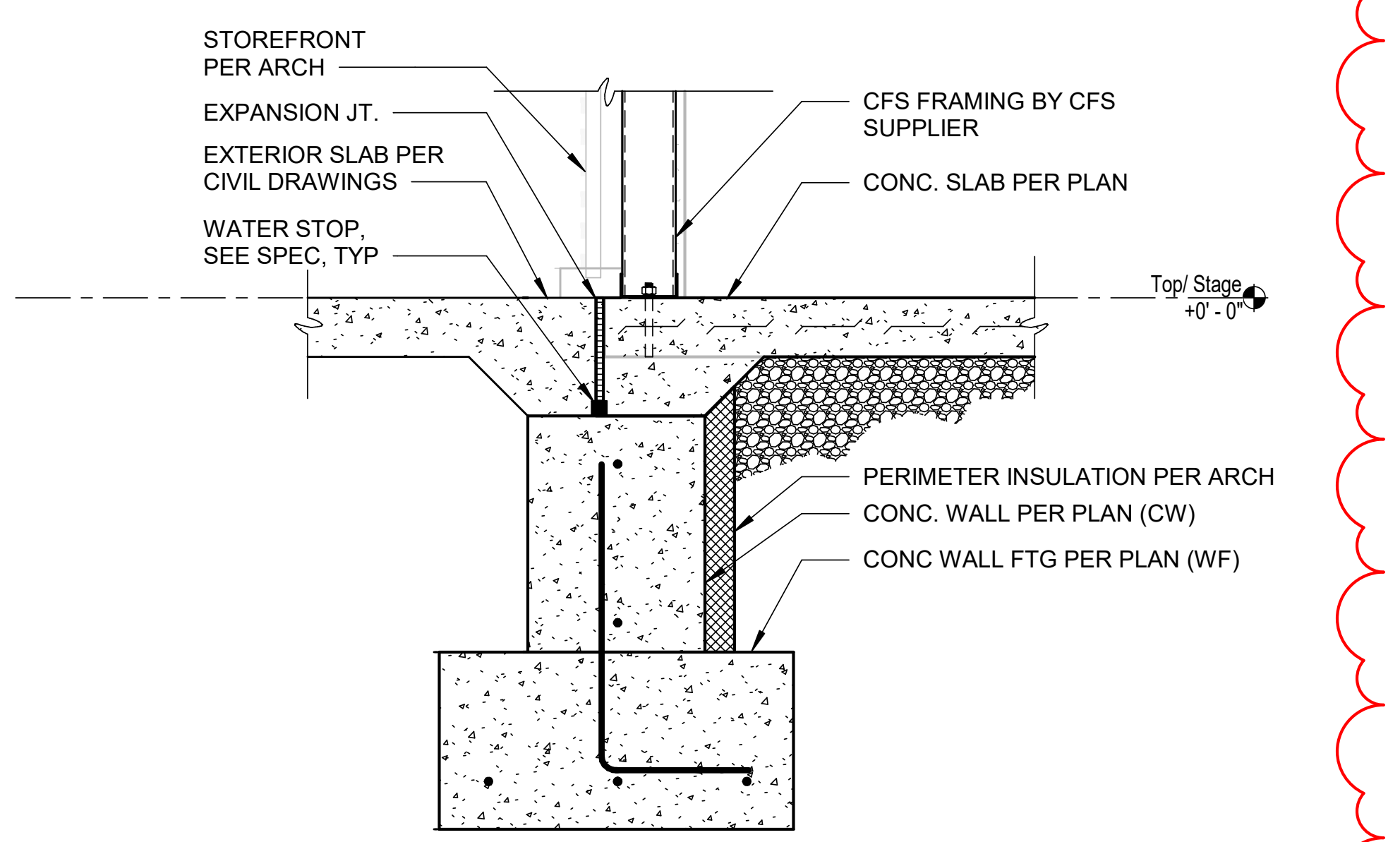
TYPICAL SLAB ON GRADE OPENING

SCALE: 3/4" = 1'-0"

11 / S-502.3

TYPICAL COLUMN ON PIER

SCALE: 3/4" = 1'-0"

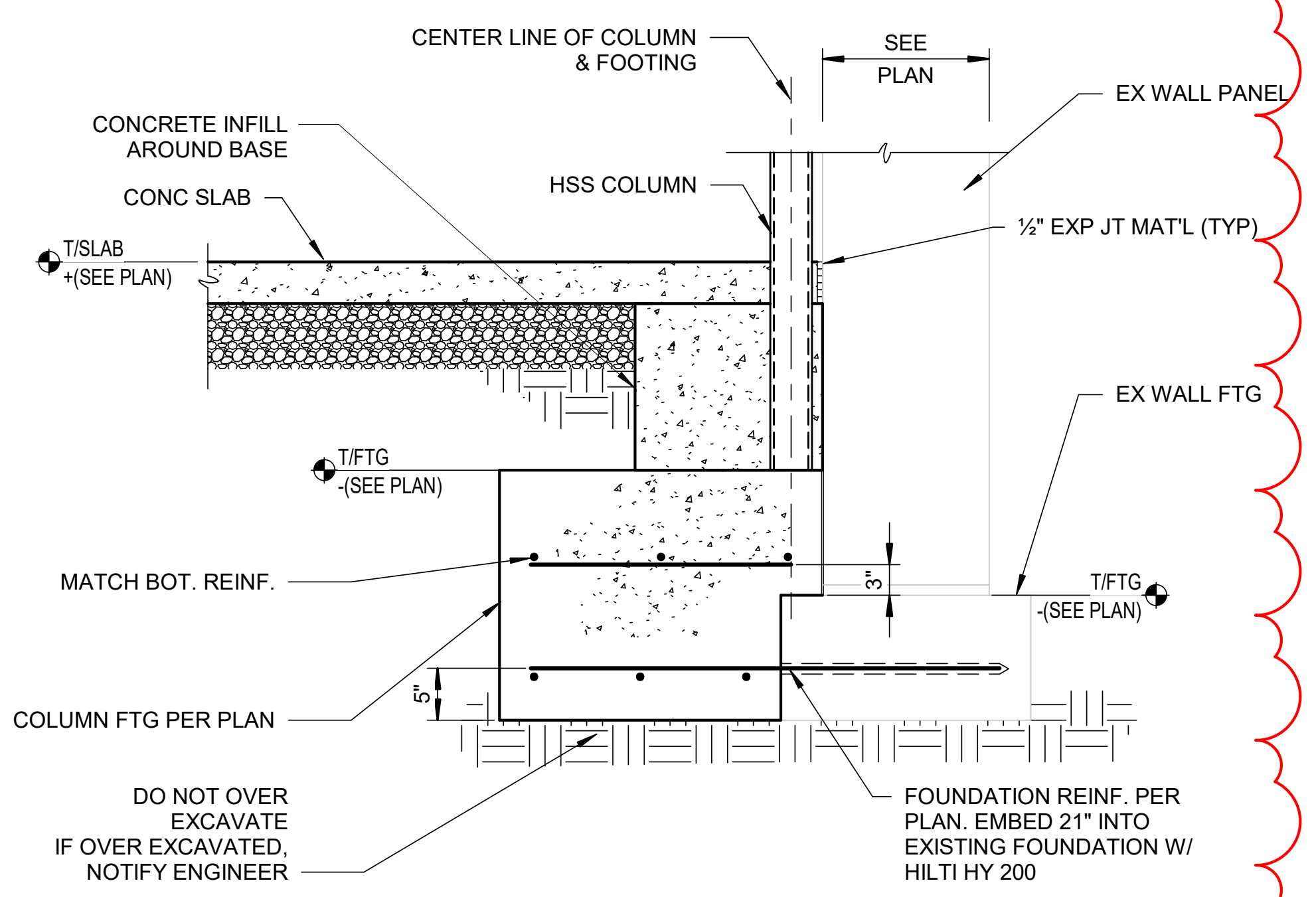


10 / S-502.3

TYPICAL FOUNDATION AT STOREFRONT

SCALE: 1" = 1'-0"

A2.3



9 / S-502.3

UNIT L NEW TO EXISTING FOOTING

SCALE: 3/4" = 1'-0"

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DYLAN SEESMAN
No. PE11900810
03.03.2023

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A2.3	ADDENDUM 2.3	03.22.2023

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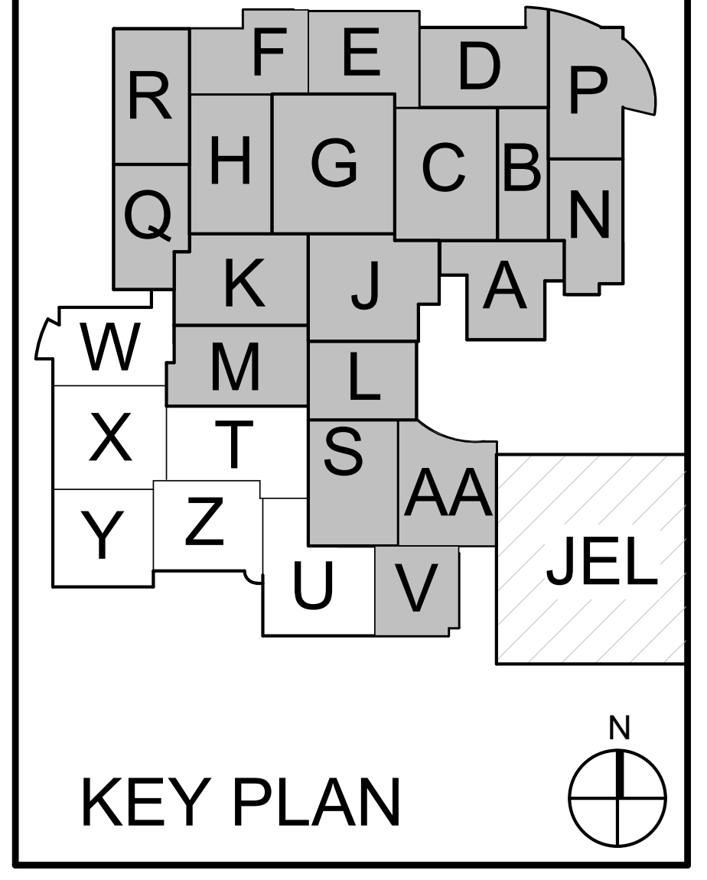


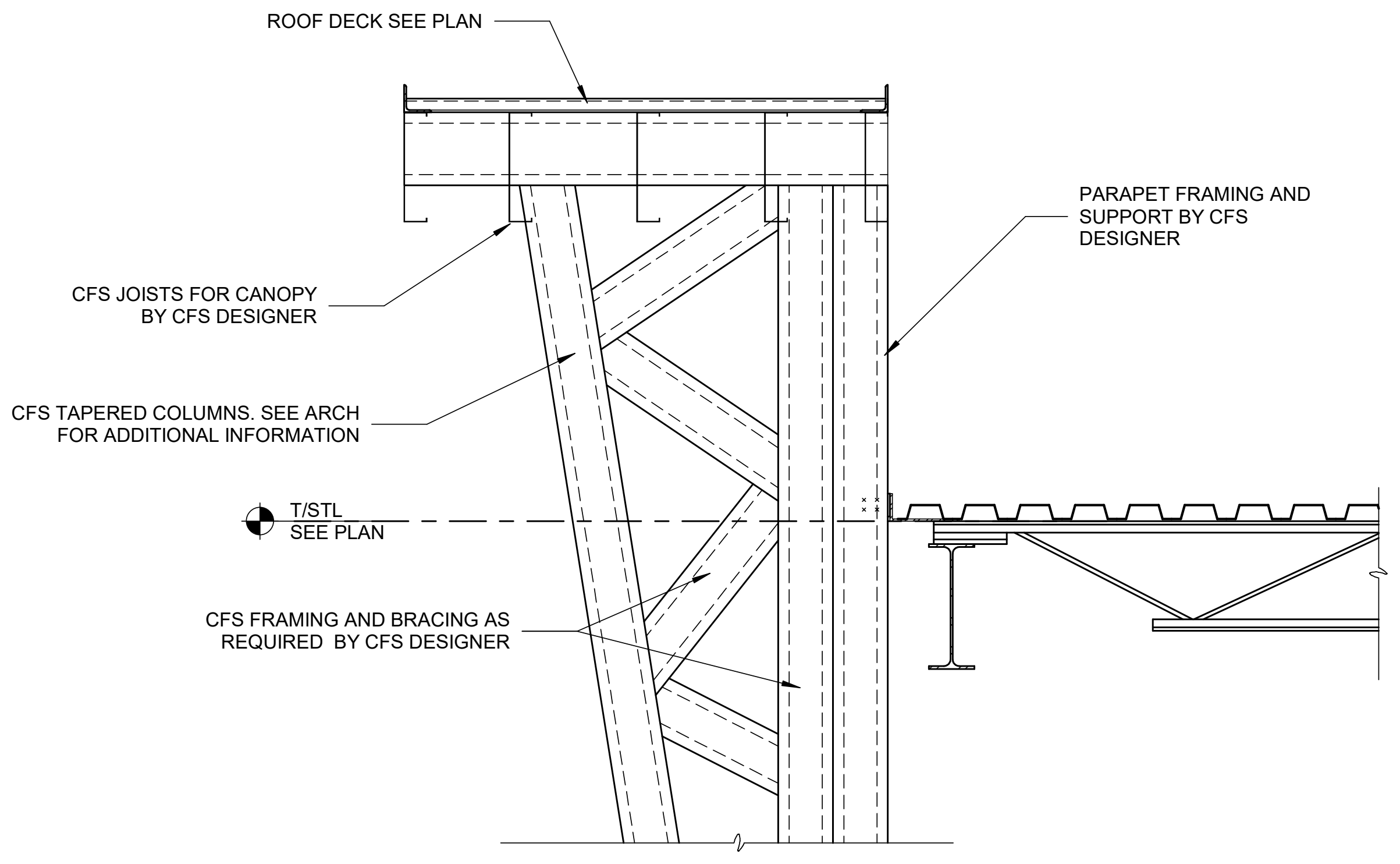
KEY PLAN

M.S.D. of Washington
Township

North Central High School
Renovation - Additions
Phase 3

FOUNDATION
SCHEDULES, SECTIONS,
& DETAILS

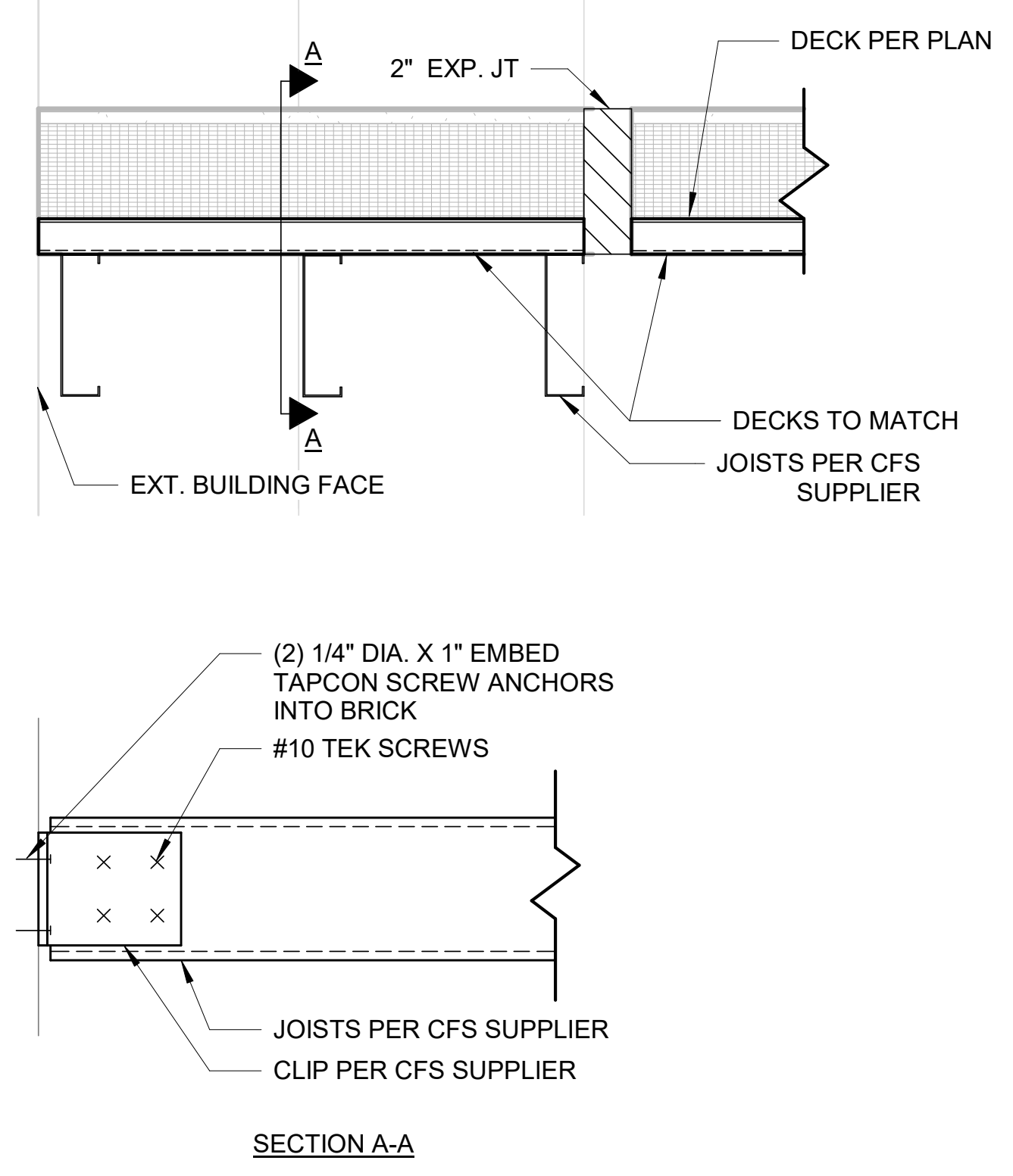
S-502.3



2 S-528.3 CFS UNIT P CANOPY FRAMING

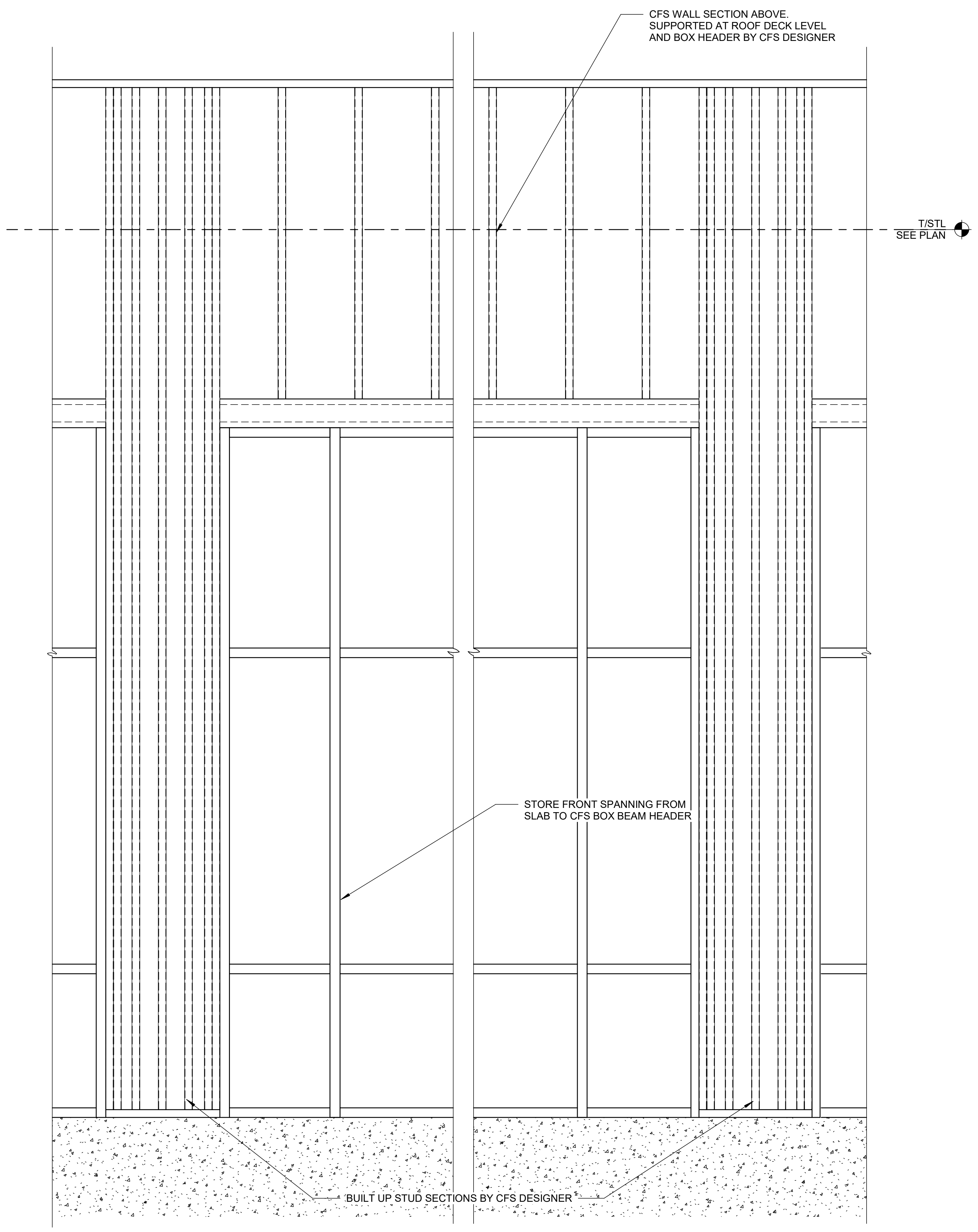
SCALE: 3/4" = 1'-0"

A2.3



3 S-528.3 UNIT P ROOF INFILL FRAMING

SCALE: 1 1/2" = 1'-0"



1 S-528.3 CFS UNIT P FRAMING ELEVATION

SCALE: 3/4" = 1'-0"

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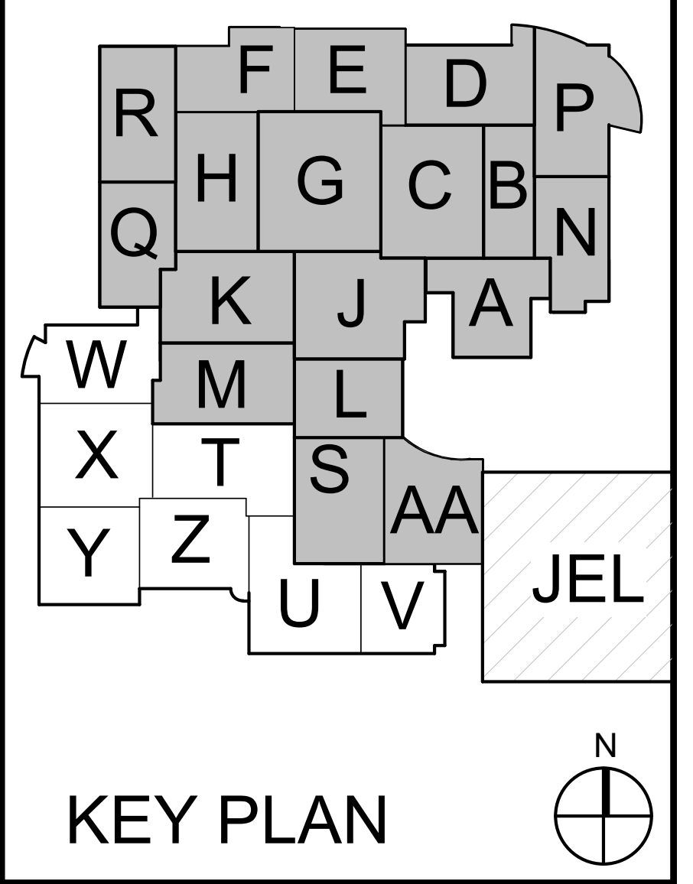


KEY PLAN

M.S.D. of Washington Township

North Central High School Renovation - Additions Phase 3

FRAMING SCHEDULES, SECTIONS, & DETAILS

S-528.3

COLUMN BASE PLATE SCHEDULE

MARK	PLATE SIZE	ANCHOR RODS		BASE PLATE TYPE	SHEAR LUGS			REMARKS
	B" X N" X T"	QTY	DIA		LENGTH	DEPTH	THICKNESS	
BP1	12" X 12" X 3/4"	4	3/4"	CASE 1				
BP2	14" X 14" X 3/4"	4	3/4"	CASE 1				
BP2A	14" X 14" X 3/4"	4	3/4"	CASE 1				HILTI HIT-HY 200 W/ HIT-Z ROD MIN EMBED 8"
BP3	16" X 16" X 3/4"	4	3/4"	CASE 1				
BP4	16" X 16" X 3/4"	4	1"	CASE 1				
BP4A	16" X 16" X 1"	4	1"	CASE 1				
BP5	16" X 12" X 3/4"	4	3/4"	CASE 1				
BP6	18" X 14" X 3/4"	4	3/4"	CASE 1				
BP7	20" X 12" X 3/4"	4	3/4"	CASE 1				
BP8	20" X 14" X 3/4"	4	3/4"	CASE 1				
BP9	24" X 20" X 1-5/8"	N/A	N/A	CASE 2	20"	4"	1"	50 KSI PLATE, SHEAR LUG 1"x4"xCONT. SEE NOTE 4
BP10	8" X 5" x 1/2"	4	1/2"	CASE 1				

A2.3

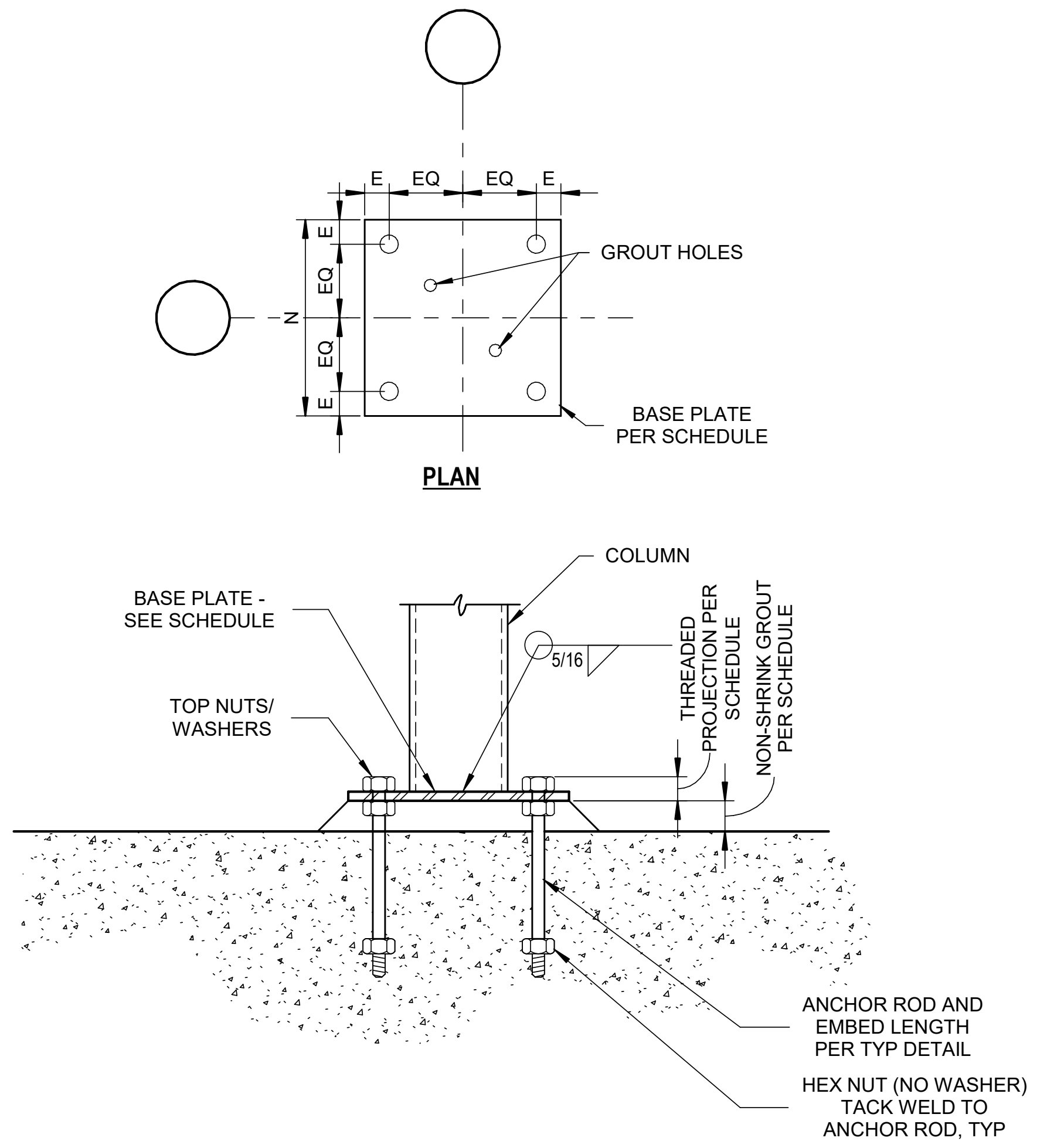
ANCHOR ROD TABLE

ANCHOR ROD DIA	BASEPLATE HOLE DIA	MINIMUM WASHER SIZE	MINIMUM WASHER THICKNESS	MINIMUM PROJ ABOVE T/CONC	NON-SHRINK GROUT BED THK	MIN EDGE DISTANCE, E
3/4"	1 5/16"	2"	1/4"	8"	2"	1 1/2"
1"	1 13/16"	3"	3/8"	8"	2"	2"

NOTES:

1. ANCHOR RODS ARE ASTM F1554 GR. 36 UNO.
2. PROVIDE WELDED PLATE WASHERS IN ACCORDANCE WITH TYPICAL DETAIL AT ALL STEEL BRACED FRAMES AND MOMENT FRAMES, UNO.
3. REFER TO DETAIL 3/S-531.3 FOR ANCHOR ROD EMBEDMENT DEPTH.
4. SEE 1/S-531.3 FOR CASE 1 BASE PLATE TYPE. SEE 4/S-531.3, 5/S-531.3 AND 6/S-531.3 FOR CASE 2 BASE PLATE TYPE.

A2.3

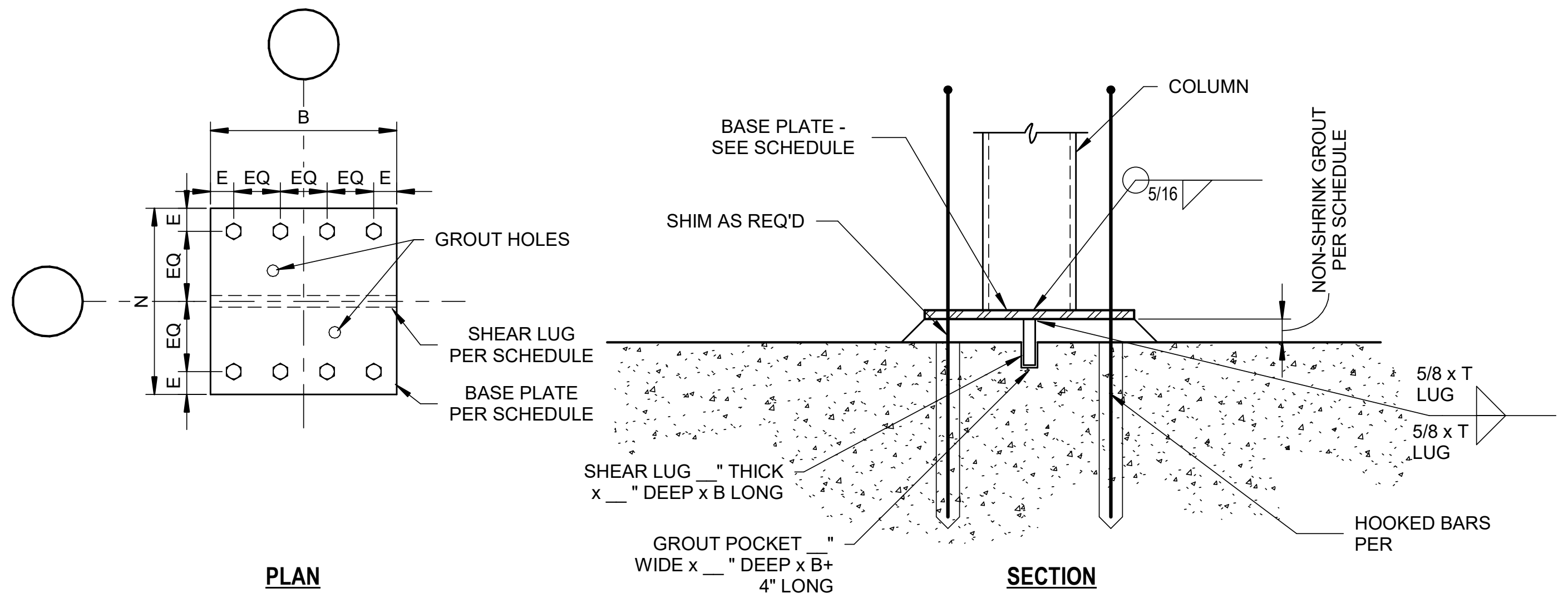


1 S-531.3 COLUMN BASE DETAIL TYP CASE 1

SCALE: 1" = 1'-0"

PLATE WASHER DIMENSIONS

ANCHOR ROD DIA	REQD PLATE WASHER
<= 3/4"	1/4x2-1/2x2-1/2
1"	3/8x3-1/2x3-1/2
>1" TO 1.5"	1/2x3-1/2x3-1/2
> 1.5"	1/2x4x4



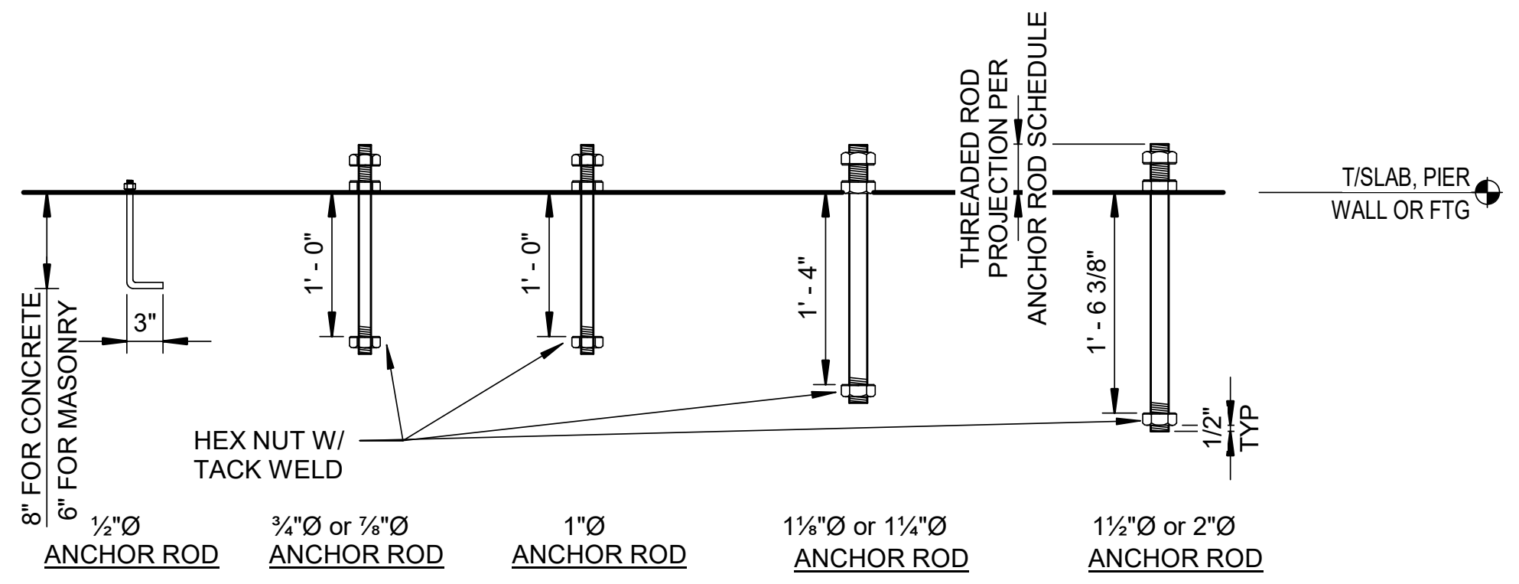
NOTES:

1. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE SUFFICIENT TEMPORARY SUPPORT OF COLUMN BASE PLATES USING STEEL SHIMS PRIOR TO PLACEMENT AND CURING OF NON-SHRINK GROUT AND CONCRETE PIER.
2. SHEAR LUGS THAT ARE NOT THE FULL WIDTH OF THE BASE PLATE PER SCHEDULE SHOULD BE CENTERED ON THE BASE PLATE.

4 S-531.3 COLUMN BASE DETAIL TYP CASE 2

SCALE: 1" = 1'-0"

A2.3

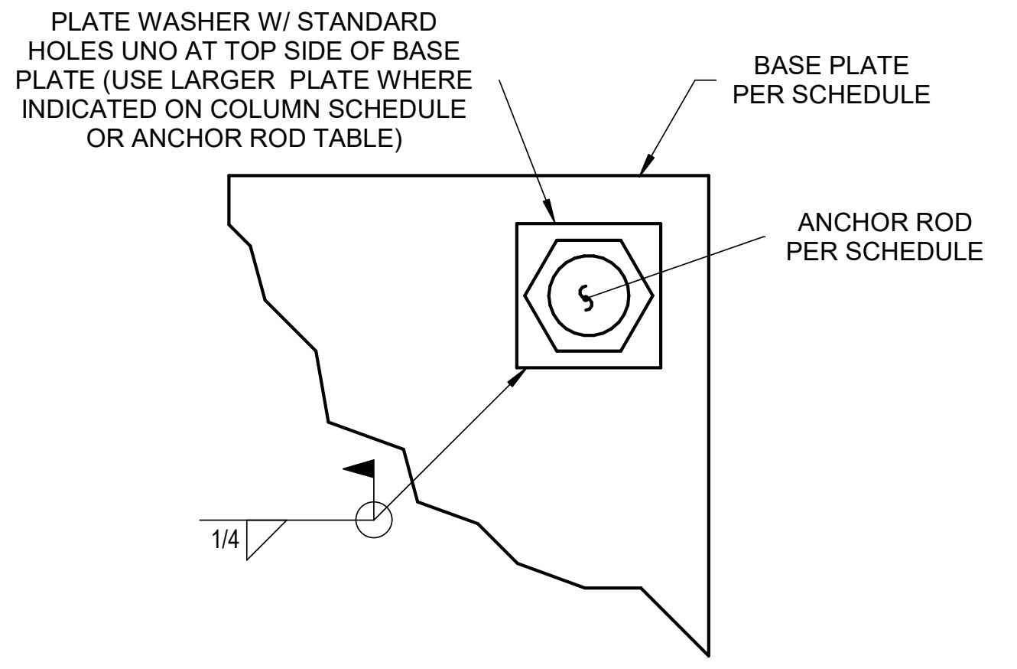


NOTES:

1. SEE SCHEDULE OR SECTIONS FOR REQUIRED ANCHOR ROD SIZE AND SPACING.
2. PROVIDE NUTS AND WASHERS FOR ALL ANCHOR RODS.
3. FOR COLUMNS TO HAVE NON-SHRINK GROUT BASE, PROVIDE LEVELING NUTS, WASHERS AND SHIMS AS REQ'D TO SAFELY PLUMB AND SUPPORT THE COLUMN UNTIL GROUT HAS ATTAINED 28-DAY COMPRESSIVE STRENGTH

3 S-531.3 TYPICAL ANCHOR ROD DETAILS

SCALE: 3/4" = 1'-0"

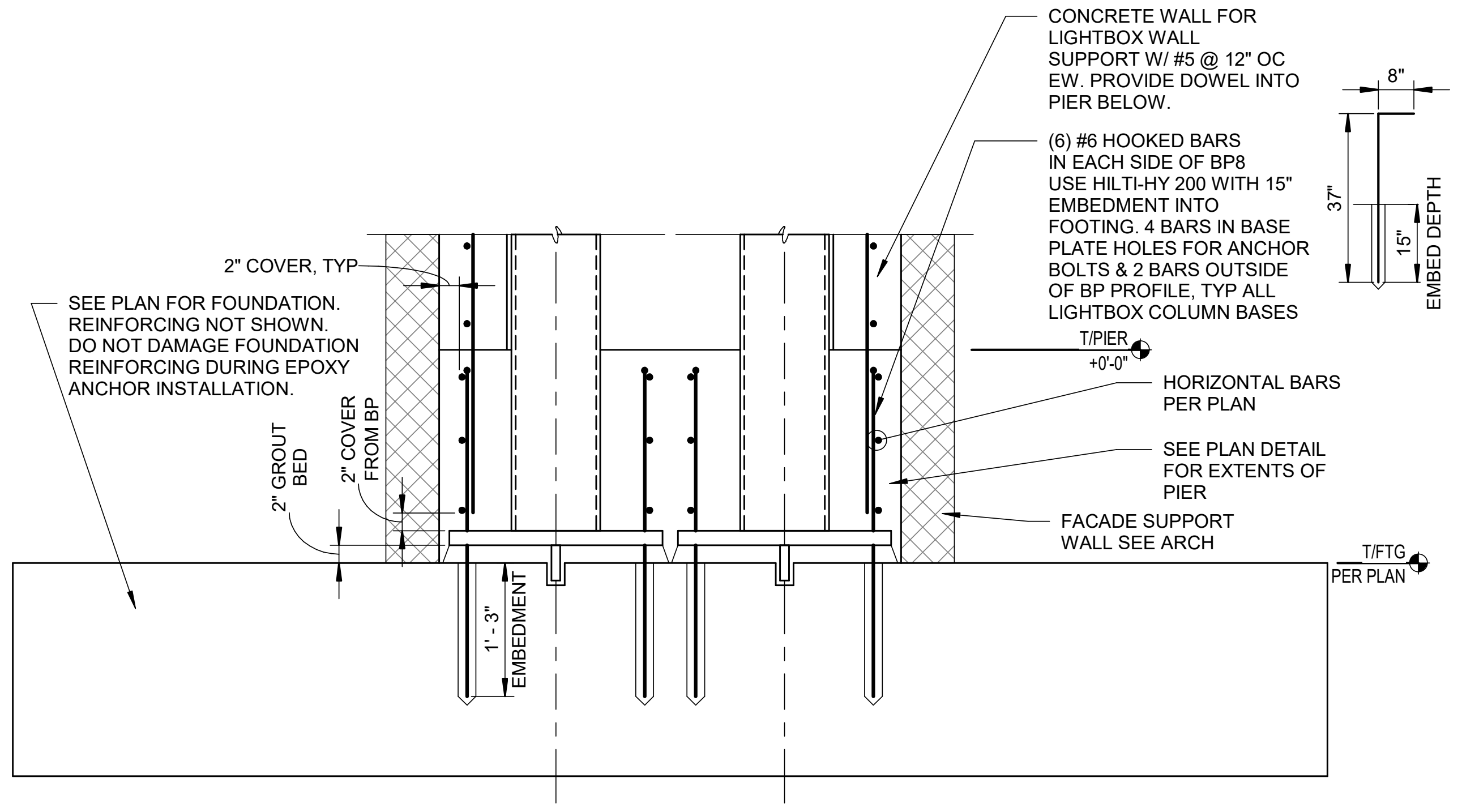


NOTES:

1: THIS DETAIL APPLIES AT ALL COLUMN ANCHOR RODS AT BRACED FRAMES AND MOMENT FRAMES UNO.

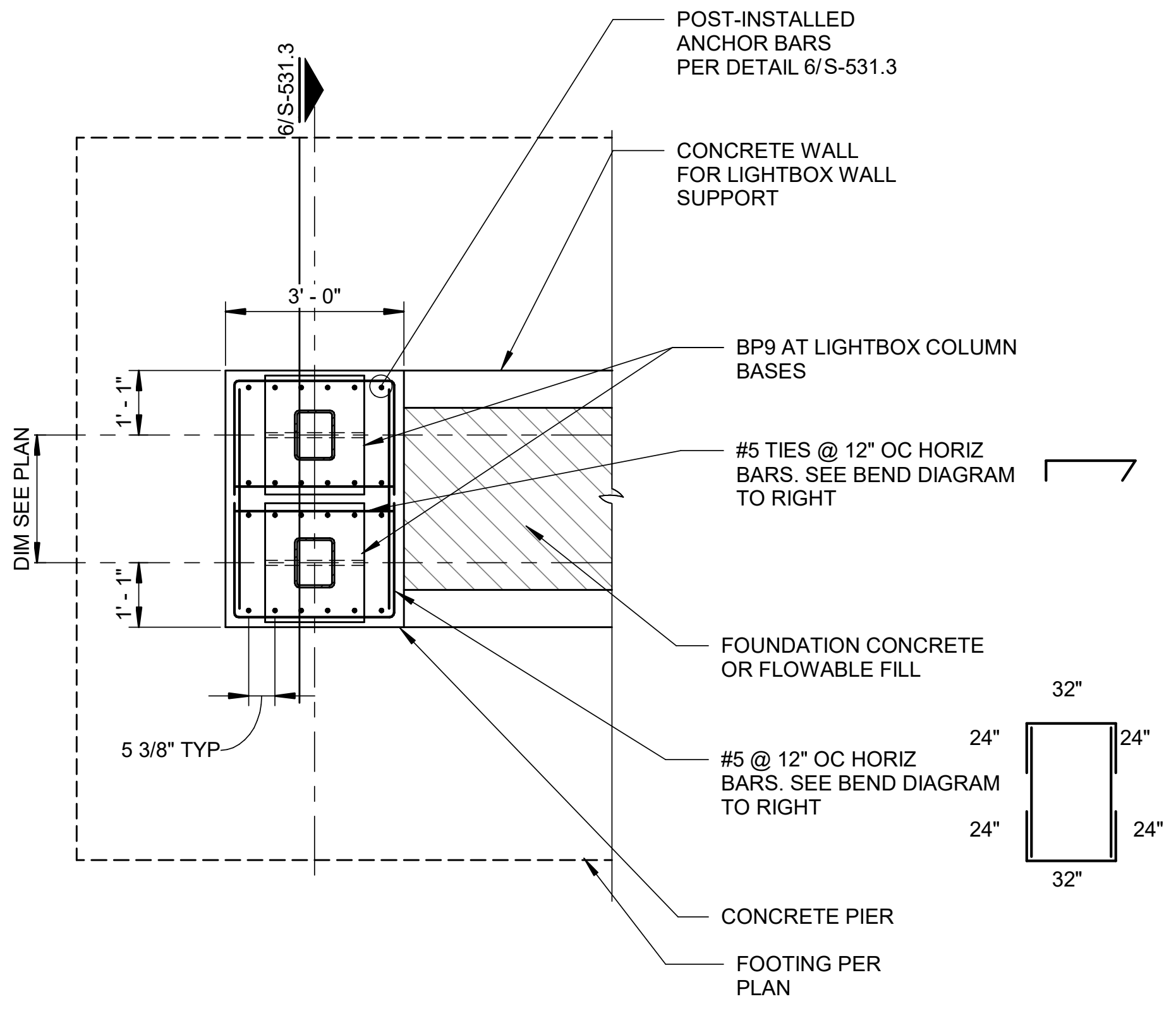
2 S-531.3 PLATE WASHER DIMENSIONS

SCALE: 1/2" = 1'-0"



6 S-531.3 LIGHTWALL BASE CONNECTION SECTION VIEW TYP CASE 2

SCALE: 3/4" = 1'-0"



5 S-531.3 LIGHTWALL BASE CONNECTION PLAN VIEW TYP CASE 2

SCALE: 3/8" = 1'-0"

SCHMIDT
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Indianapolis, IN 46204
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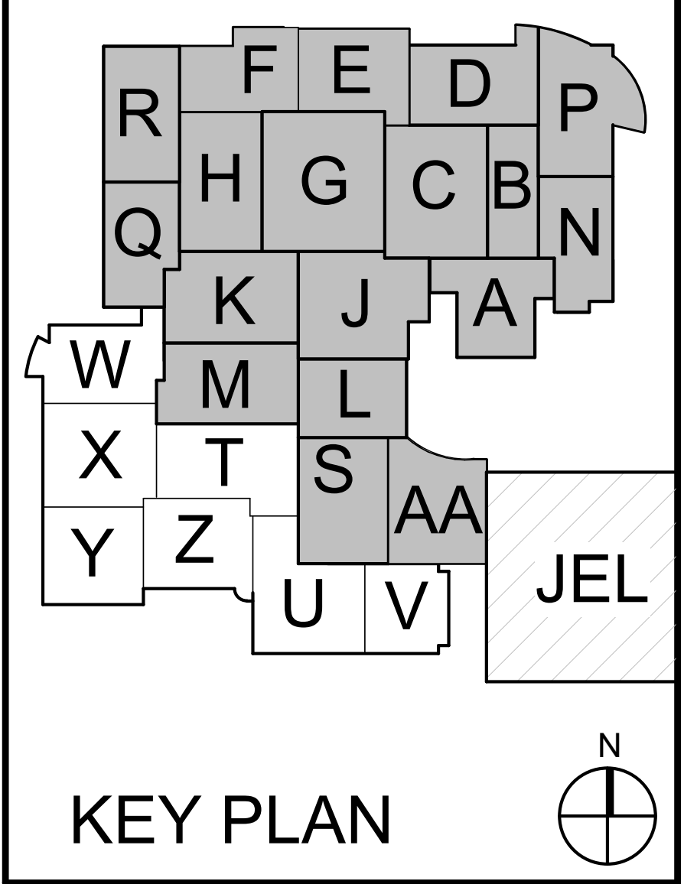
Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced DJS MS

DYLAN SEESMAN
REGISTERED
No. PE11900810
STATE OF INDIANA
PROFESSIONAL ENGINEER

Dylan Seesman
03.03.2023

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

1801 East 86th Street
Indianapolis, IN 46240



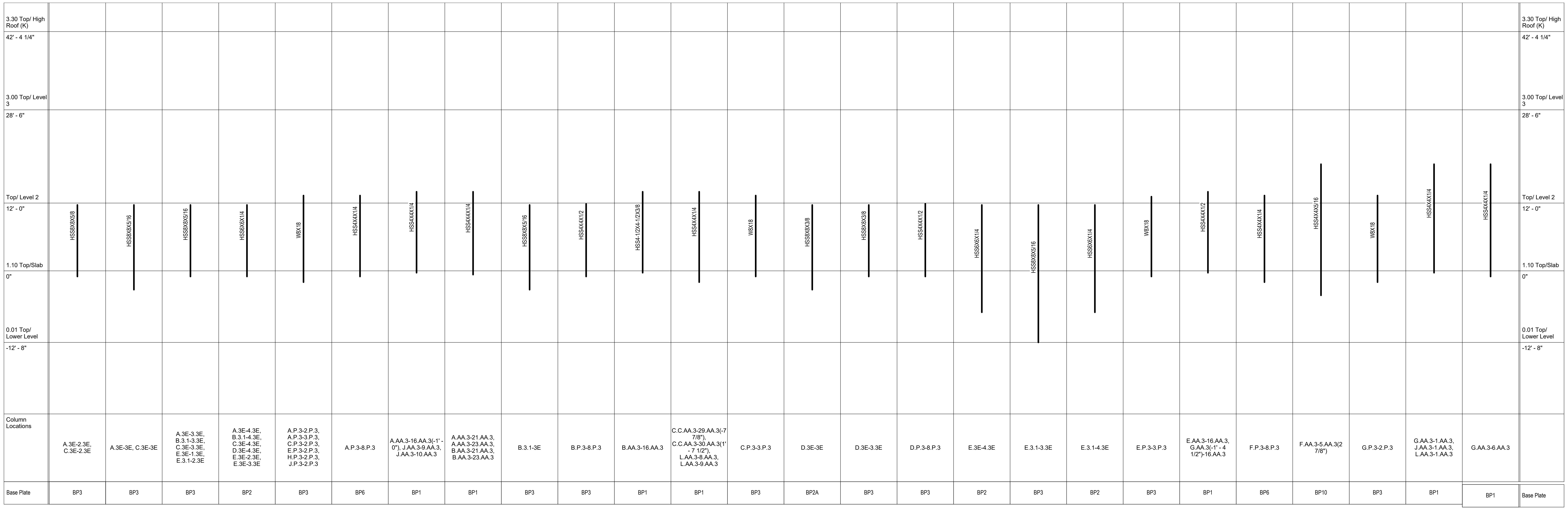
KEY PLAN

M.S.D. of Washington
Township

North Central High School
Renovation - Additions
Phase 3

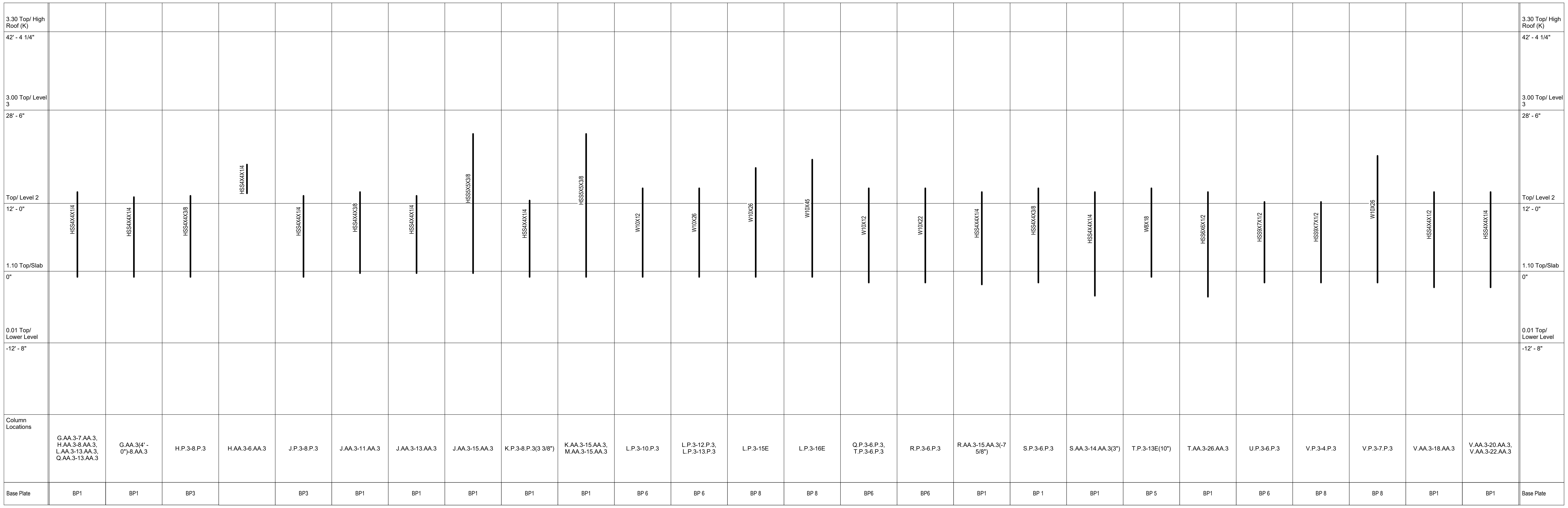
COLUMN SCHEDULE,
SECTIONS, & DETAILS

S-531.3



Column	HSS8X8X5/8	HSS8X8X5/16	HSS8X8X5/16	HSS6X6X1/4	W8X18	HSS4X4X1/4	HSS4X4X1/4	HSS4X4X1/4	HSS8X8X5/16	HSS4X4X1/2	HSS4-1/2X4-1/2X3/8	HSS4X4X1/4	W8X18
Column Locations	A.3E-2.3E, C.3E-2.3E	A.3E-3E, C.3E-3E	A.3E-3.3E, B.3.1-3.3E, C.3E-3.3E, E.3E-1.3E, E.3.1-2.3E	A.3E-4.3E, B.3.1-4.3E, C.3E-4.3E, D.3E-4.3E, E.3E-2.3E, E.3E-3.3E	A.P.3-2.P.3, A.P.3-3.P.3, C.P.3-2.P.3, E.P.3-2.P.3, H.P.3-2.P.3, J.P.3-2.P.3	A.P.3-8.P.3	A.AA.3-16.AA.3(-1' - 0"), J.AA.3-9.AA.3, J.AA.3-10.AA.3	A.AA.3-21.AA.3, A.AA.3-23.AA.3, B.AA.3-21.AA.3, B.AA.3-23.AA.3	B.3.1-3E	B.P.3-8.P.3	B.AA.3-16.AA.3	C.C.AA.3-29.AA.3(-7 7/8"), C.C.AA.3-30.AA.3(1' - 7 1/2"), L.AA.3-8.AA.3, L.AA.3-9.AA.3	C.P.3-3.P.3
Base Plate	BP3	BP3	BP3	BP2	BP3	BP6	BP1	BP1	BP3	BP3	BP1	BP1	BP3

Column	HSS8X8X3/8	HSS8X8X3/8	HSS4X4X1/2	HSS6X6X1/4	HSS8X8X5/16	HSS6X6X1/4	W8X18	HSS4X4X1/2	HSS4X4X1/4	HSS4X4X5/16	W8X18	HSS4X4X1/4	HSS4X4X1/4
Column Locations	D.3E-3E	D.3E-3.3E	D.P.3-8.P.3	E.3E-4.3E	E.3.1-3.3E	E.3.1-4.3E	E.P.3-3.P.3	E.AA.3-16.AA.3, G.AA.3(-1' - 4 1/2")-16.AA.3	F.P.3-8.P.3	F.AA.3-5.AA.3(2 7/8")	G.P.3-2.P.3	G.AA.3-1.AA.3, J.AA.3-1.AA.3, L.AA.3-1.AA.3	G.AA.3-6.AA.3
Base Plate	BP2A	BP3	BP3	BP2	BP3	BP2	BP3	BP1	BP6	BP10	BP3	BP1	BP1



Column	HSS4X4X1/4	HSS4X4X1/4	HSS4X4X3/8	HSS4X4X1/4	HSS4X4X1/4	HSS4X4X3/8	HSS4X4X1/4	HSS5X5X3/8	HSS4X4X1/4	HSS5X5X3/8	W10X12	W10X26	W10X26
Column Locations	G.AA.3-7.AA.3, H.AA.3-8.AA.3, L.AA.3-13.AA.3, Q.AA.3-13.AA.3	G.AA.3(4' - 0")-8.AA.3	H.P.3-8.P.3	H.AA.3-6.AA.3	J.P.3-8.P.3	J.AA.3-11.AA.3	J.AA.3-13.AA.3	J.AA.3-15.AA.3	K.P.3-8.P.3(3 3/8")	K.AA.3-15.AA.3, M.AA.3-15.AA.3	L.P.3-10.P.3	L.P.3-12.P.3, L.P.3-13.P.3	L.P.3-15E
Base Plate	BP1	BP1	BP3		BP3	BP1	BP1	BP1	BP1	BP1	BP 6	BP 6	BP 8

Column	W10X45	W10X12	W10X22	HSS4X4X1/4	HSS4X4X3/8	HSS4X4X1/4	W8X18	HSS6X6X1/2	HSS9X7X1/2	HSS9X7X1/2	W10X26	HSS4X4X1/2	HSS4X4X1/4
Column Locations	L.P.3-16E	Q.P.3-6.P.3, T.P.3-6.P.3	R.P.3-6.P.3	R.AA.3-15.AA.3(-7 5/8")	S.P.3-6.P.3	S.AA.3-14.AA.3(3")	T.P.3-13E(10")	T.AA.3-26.AA.3	U.P.3-6.P.3	V.P.3-4.P.3	V.P.3-7.P.3	V.AA.3-18.AA.3	V.AA.3-20.AA.3, V.AA.3-22.AA.3
Base Plate	BP 8	BP6	BP6	BP1	BP 1	BP1	BP 5	BP1	BP 6	BP 8	BP 8	BP1	BP1

A2.3

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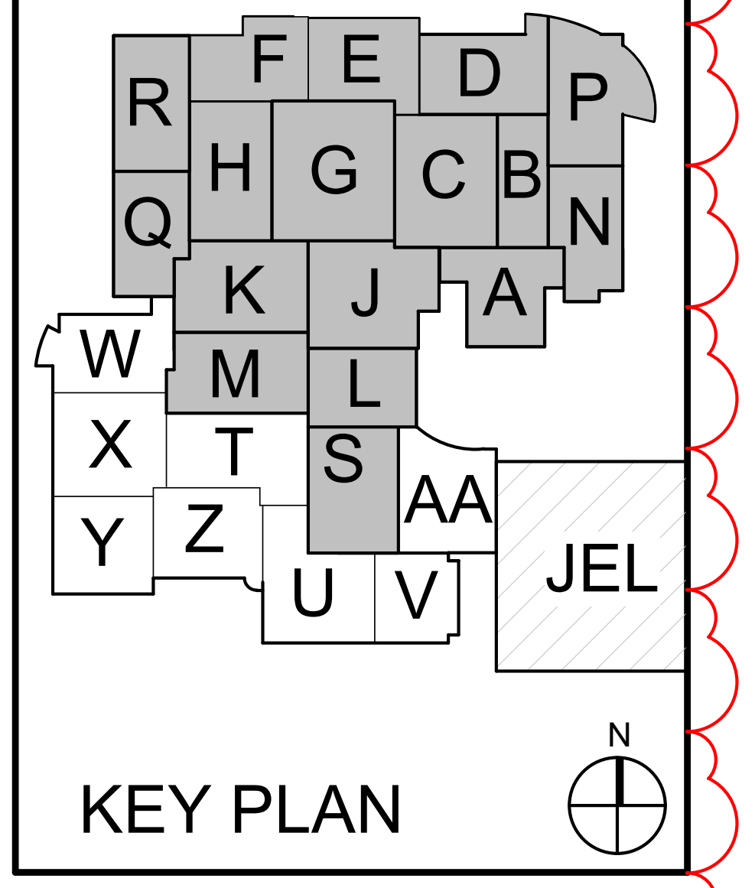

KEY PLAN

M.S.D. of Washington Township

North Central High School Renovation - Additions Phase 3

COLUMN SCHEDULE, SECTIONS, & DETAILS

S-532.3

S-532.3_ COLUMN SCHEDULE, SECTIONS, & DETAILS
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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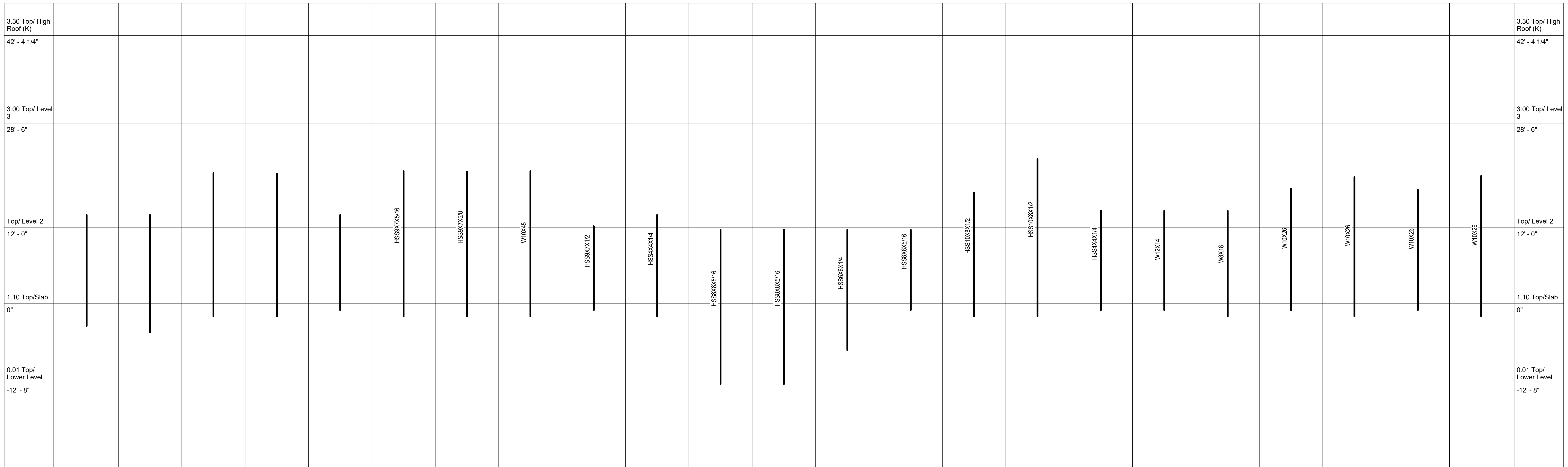

						HSS9X7X5/16	HSS9X7X5/8	W10X45	HSS9X7X1/2	HSS4X4X1/4	HSS8X8X5/16	HSS8X8X5/16	HSS6X6X1/4	HSS8X8X5/16	HSS10X8X1/2	HSS10X8X1/2	HSS4X4X1/4	W12X14	W8X18	W10X26	W10X26	W10X26	W10X26	
Column Locations	V.AA.3-24.AA.3	V.AA.3-26.AA.3	W.P.3-4.P.3	W.P.3-7.P.3	W.AA.3(4 1/8")-30.AA.3, W.AA.3(3 1/2")-31.AA.3	X.P.3-4.P.3	X.P.3-7.P.3	Y.P.3-7.P.3	Z.P.3-4.P.3	AB.21.3-30.AA.3, AB.21.3-31.AA.3	ZE-1.3E, ZE-2.3E	ZE-3.3E	ZE-4.3E	AAE-1.3E	L.1.P.3-L.A.P.3, L.1.P.3-L.B.P.3, L.2.P.3-L.A.P.3, L.2.P.3-L.B.P.3, L.3.P.3-L.A.P.3, L.3.P.3-L.B.P.3, L.4.P.3-L.A.P.3, L.4.P.3-L.B.P.3	L.5.P.3-L.C.P.3, L.5.P.3-L.D.P.3, L.5.P.3-L.E.P.3, L.5.P.3-L.F.P.3, L.6.P.3-L.C.P.3, L.6.P.3-L.D.P.3, L.6.P.3-L.E.P.3, L.6.P.3-L.F.P.3	L.P.3-P.P.3	L.P.3-T.P.3	M.P.3(-2' - 5")-S.P.3	M.P.3-V.P.3	M.P.3-Y.P.3	N.P.3-V.P.3	N.P.3-Y.P.3	
Base Plate	BP1	BP1	BP 6	BP 6	BP1	BP 6	BP 6	BP 6	BP 6	BP1	BP3	BP3	BP2A	BP3	BP9	BP9	BP1	BP 7	BP 5	BP 8	BP 8	BP 8	BP 8	Base Plate

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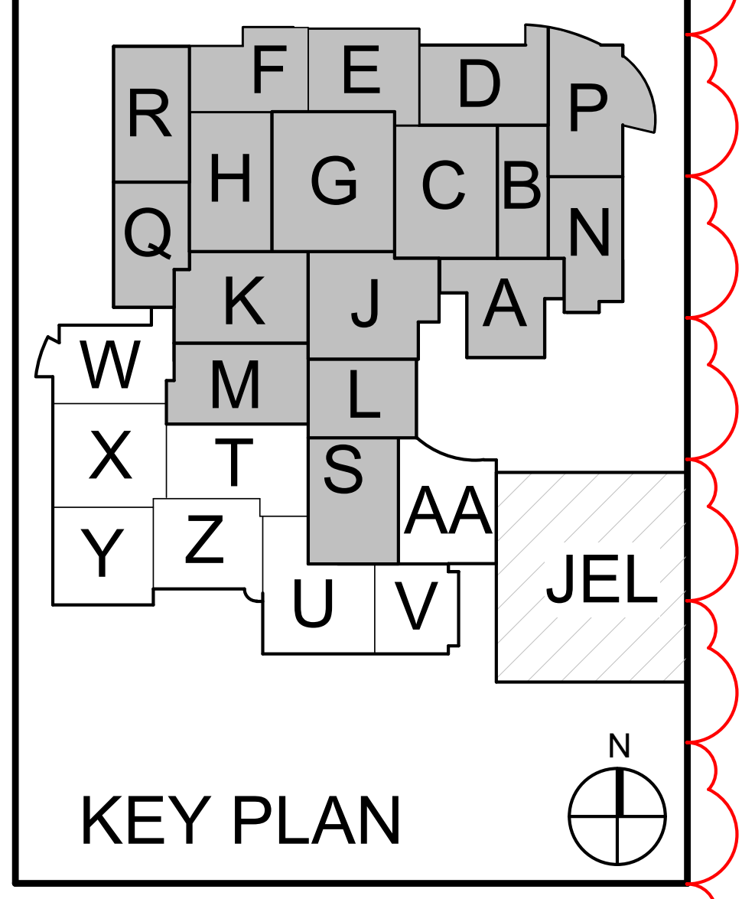
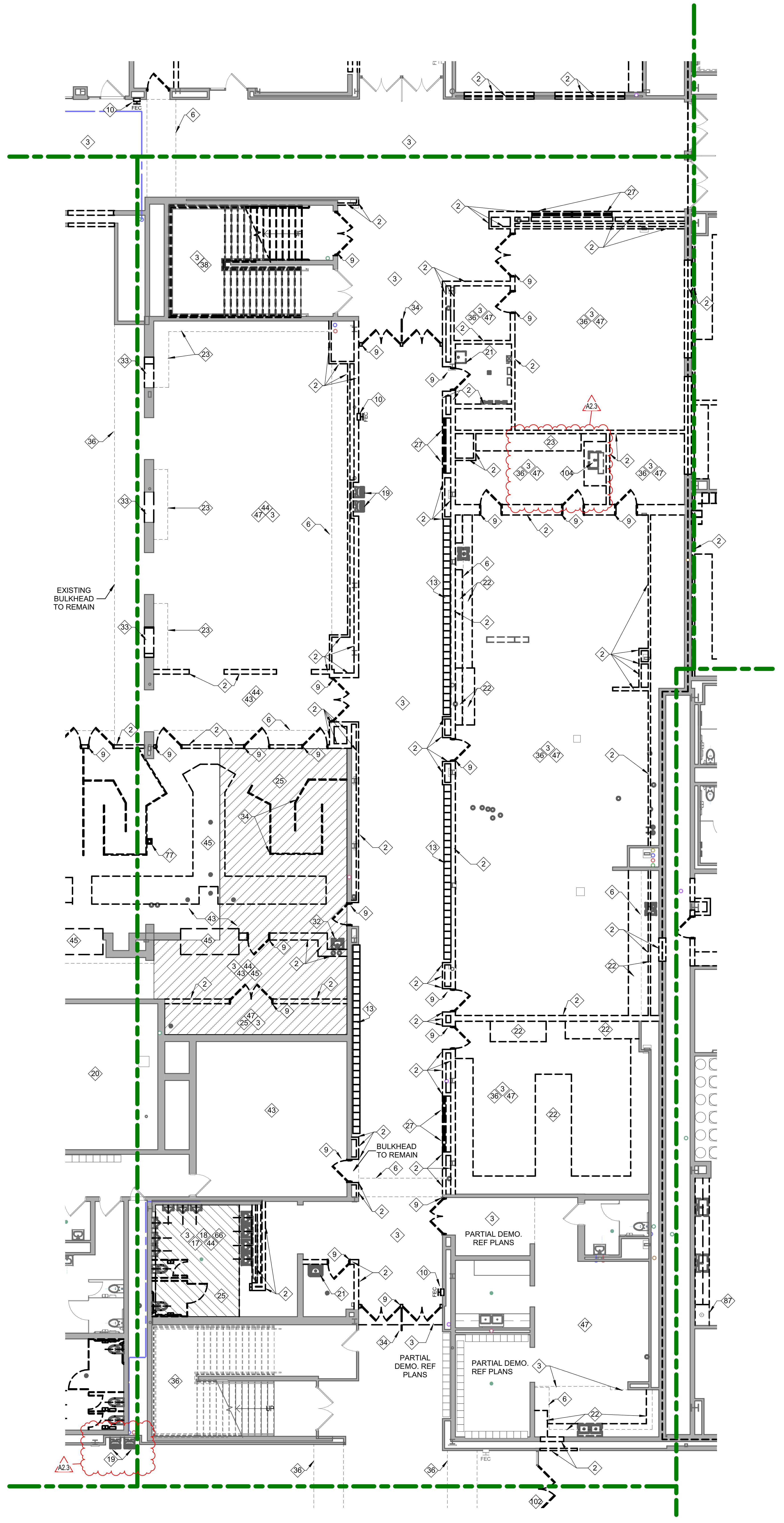


KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

COLUMN SCHEDULE, SECTIONS, & DETAILS



4A FIRST FLOOR DEMOLITION PLAN-UNIT B
1/8" = 1'-0"

DEMOLITION FLOOR PLAN NOTES

Refer to sheet A-001.3 for general demolition notes that apply to all demo work.

#	NOTE
1	REMOVE EXISTING EXTERIOR WALL CONSTRUCTION TO 8" BELOW FINISH FLOOR LINE IN ITS ENTIRETY TO LIMITS INDICATED. REMOVE ALL DOORS, FRAMES, WINDOWS AND MISCELLANEOUS FRAMING IN ITS ENTIRETY. PROTECT ALL EXISTING STRUCTURAL MEMBERS TO REMAIN. PREPARE ADJACENT SURFACES TO REMAIN FOR NEW WORK. REFERENCE A-SERIES AND I-SERIES FLOOR PLANS FOR FINISH CONDITIONS. REFER TO SECTION(S) FOR FURTHER DEFINITION OF DEMOLITION WORK.
2	REMOVE EXISTING INTERIOR WALL CONSTRUCTION IN ITS ENTIRETY TO LIMITS INDICATED INCLUDING, BUT NOT LIMITED TO, DOORS, FRAMES, WINDOWS AND ALL MISCELLANEOUS FRAMING. FIELD VERIFY ALL EXISTING WALL CONSTRUCTION PRIOR TO DEMOLITION. REFER TO ARCHITECTURAL AND INTERIOR FLOOR PLANS FOR FINISH CONDITIONS AND DIMENSIONS. NEW CONSTRUCTION TO TOOTH-IN TO EXISTING MASONRY COURSING WHERE APPLICABLE. PATCH AND REPAIR EXISTING ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION.
3	REMOVE EXISTING SUSPENDED LAY-IN PANEL CEILING SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE CEILING PADS, GRID, SUSPENSION WIRES, AND ALL RELATED ANCHORS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
4	REMOVE EXISTING GYPSUM BOARD CEILING SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE GYPSUM BOARD, SUSPENDED FRAMING AND ALL RELATED ANCHORS/FASTENERS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
5	EXISTING EXPOSED STRUCTURE AND ROOF DECK TO REMAIN. PREP FOR NEW CONSTRUCTION, REFERENCE AC-SERIES DRAWINGS FOR NEW CEILING(S) AND I-SERIES DRAWINGS FOR NEW FINISH(ES).
6	REMOVE EXISTING GYPSUM BOARD BULKHEAD IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE GYPSUM BOARD, STUD FRAMING AND ALL ASSOCIATED ANCHORS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
7	REMOVE EXISTING STOREFRONT/ENTRY SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE GLAZING, FRAMING, SEALANTS, DOORS, HARDWARE AND ALL RELATED ANCHORS. PATCH AND REPAIR ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
8	REMOVE SLAB IN HATCHED AREA AS REQUIRED FOR NEW SLAB/PLATFORM. REFER TO S-SERIES DRAWINGS
9	REMOVE EXISTING DOOR SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE DOOR, FRAME, SIDELIGHTS, GLAZING, HARDWARE AND ALL RELATED ANCHORS. PREP EXISTING OPENING FOR NEW CONSTRUCTION. PATCH AND REPAIR ALL ADJACENT SURFACES TO REMAIN FOR NEW CONSTRUCTION/FINISH.
10	REMOVE EXISTING FIRE EXTINGUISHER CABINET AND EXTINGUISHER AND TURN THEM OVER TO THE OWNER IN GOOD WORKING CONDITION
11	REMOVE EXISTING OPERABLE PARTITION SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE OPERABLE PARTITION PANELS, TRIMS, TRACK, SUPPORTS AND ALL RELATED ANCHORS. PATCH AND REPAIR ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
12	REMOVE EXISTING STOREFRONT AND/OR CURTAINWALL SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE GLAZING, SPANDREL PANELS, WINDOW FRAME, SEALANTS, AND ALL RELATED ANCHORS. PATCH AND REPAIR ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
13	REMOVE EXISTING CORRIDOR LOCKER(S) IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE LOCKERS, TRIMS, CURB, BULKHEAD AND ALL ASSOCIATED ANCHORS TO LIMITS INDICATED. PROTECT ADJACENT LOCKERS, CURBS AND BULKHEAD TO REMAIN. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION.
14	REMOVE EXISTING LOCKER(S) IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE LOCKERS, TRIMS, SLOPED TOPS, CURB AND ALL ASSOCIATED ANCHORS TO LIMITS INDICATED. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION.
15	REMOVE EXISTING WOOD BENCHES IN THEIR ENTIRETY INCLUDING, BUT NOT LIMITED TO THE BENCH, STEEL PEDESTALS, STEEL MOUNTING PLATES AND ALL RELATED ANCHORS. PATCH AND REPAIR EXISTING FLOOR SURFACES AND PREP FOR NEW CONSTRUCTION/FINISH.
16	REMOVE EXISTING WALL MOUNTED TACK BOARDS, MARKERBOARDS, CHALKBOARDS ADHESIVES, ANCHORS AND ALL RELATED ACCESSORIES IN THEIR ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH. SEE A-SERIES AND I-SERIES DRAWINGS.
17	REMOVE EXISTING TOILET PARTITIONS AND URINAL PARTITIONS IN THEIR ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
18	REMOVE EXISTING TOILETS, SINKS, URINALS AND ALL RELATED ACCESSORIES IN THEIR ENTIRETY INCLUDING, BUT NOT LIMITED TO TOILET PAPER DISPENSERS, GRAB BARS, MIRRORS AND SOAP DISPENSERS. PATCH AND REPAIR ALL EXISTING SURFACES TO REMAIN. PREP FOR NEW CONSTRUCTION/FINISH. SEE P-SERIES DRAWINGS FOR PLUMBING SCOPE.
19	REMOVE EXISTING DRINKING FOUNTAIN(S) IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE DRINKING FOUNTAIN, SEALANTS, PIPING, POWER AND ALL RELATED ANCHORS. SEE P-SERIES DRAWINGS.
20	REMOVE FREEZER/COOLER UNITS IN THEIR ENTIRETY. PREPARE AREA FOR NEW CONSTRUCTION.
21	REMOVE EXISTING SERVICE SINK IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH. SEE P-SERIES DRAWINGS FOR PLUMBING SCOPE.
22	REMOVE EXISTING CASEWORK IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO WALL CABINETS, BASE CABINETS, COUNTERTOPS, FILL PANELS, SINKS AND ALL RELATED TRIMS. PATCH AND REPAIR ALL EXISTING ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
23	REMOVE EXISTING COUNTERTOP AND SUPPORT BRACKETS IN THEIR ENTIRETY AND ALL RELATED ANCHORS AND SEALANTS. PATCH AND REPAIR EXISTING WALL SURFACE TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
24	REMOVE EXISTING RAMP/STAIR, RAILING, LANDING IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACE TO REMAIN. PREP FOR NEW CONSTRUCTION. COORDINATE DEMOLITION WITH S-SERIES DWGS.
25	REMOVE EXISTING CONCRETE FLOOR SLAB IN ITS ENTIRETY TO LIMITS INDICATED. REFERENCE MEP-SERIES DRAWINGS FOR ADDITIONAL INFORMATION. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING BUILDING CONDITIONS IN THE FIELD.
26	REMOVE EXISTING WOOD STEP/BENCH CONSTRUCTION, INCLUDING BUT NOT LIMITED TO ANY ASSOCIATED BLOCKING, ADHESIVE, AND FLOOR FINISH. PREP REMAINING CONSTRUCTION FOR NEW WORK
27	REMOVE EXISTING DISPLAY CASE IN ITS ENTIRETY, INCLUDING BUT NOT LIMITED TO DOORS, SHELVES, AND ANY ASSOCIATED ACCESSORIES. PREP OPENING FOR NEW CONSTRUCTION
28	REMOVE EXISTING RECEPTION DESK IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE COUNTERTOP, BASE CABINETS, CMU/STUD SUPPORT WALLS, WALL BASE AND ALL RELATED ANCHORS. PATCH AND REPAIR EXISTING WALL AND FLOOR SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
29	REMOVE EXISTING OVERHEAD COILING COUNTERTOP DOOR OR GRILLE INCLUDING, BUT NOT LIMITED TO, DOOR, TRACK, OPERATOR, AND ANY ASSOCIATED HANGERS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREP OPENING FOR NEW CONSTRUCTION
30	REMOVE EXISTING OVERHEAD COILING DOOR OR GRILLE INCLUDING BUT NOT LIMITED TO DOOR, TRACK, OPERATOR, AND ANY ASSOCIATED HANGERS OR OTHER ACCESSORIES. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREP OPENING FOR NEW CONSTRUCTION.
31	REMOVE EXISTING DUMBWAITER SYSTEM INCLUDING BUT NOT LIMITED TO DOORS, CARRIAGE, MECHANICAL COMPONENTS, AND TRACK.
32	REMOVE EXISTING SINK BASIN(S), INCLUDING COUNTERTOP AND SUPPORT BRACKETS. PATCH AND REPAIR ALL EXISTING SURFACES TO REMAIN. PREP FOR NEW CONSTRUCTION/FINISH. SEE P-SERIES DRAWINGS FOR PLUMBING SCOPE.
33	REMOVE EXISTING WALL BELOW OPENING TO 8" BELOW FLOOR. REMOVE WALL AT TOP OF OPENING TO FORM RIGHT ANGLES AT BOTH CORNERS.PREP SURFACES FOR NEW CONSTRUCTION. REF INTERIOR ELEVATIONS.
34	REMOVE EXISTING RAILING IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACE TO REMAIN. PREP FOR NEW CONSTRUCTION.
35	REMOVE EXISTING CARPET FLOOR FINISH IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE CARPET, ADHESIVES/TACK STRIPS, TRANSITION STRIPS AND ALL ASSOCIATED WALL BASE. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
36	REMOVE EXISTING WALLCOVERING IN ITS ENTIRETY INCLUDING ADHESIVES. PATCH AND REPAIR ALL EXISTING SURFACES TO REMAIN. PREP EXISTING SURFACES FOR NEW CONSTRUCTION/FINISH.
37	REMOVE EXISTING CONCRETE TIERS AND ASSOCIATED FRAMING/SUPPORT SYSTEM IN ITS ENTIRETY TO LIMITS INDICATED. REFERENCE MEP-SERIES DRAWINGS FOR ADDITIONAL INFORMATION. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING BUILDING CONDITIONS IN THE FIELD.

DEMOLITION FLOOR PLAN NOTES

Refer to sheet A-001.3 for general demolition notes that apply to all demo work.

#	NOTE
38	REMOVE EXISTING RAMP/STAIR, RAILING, LANDING IN ITS ENTIRETY ON FIRST AND SECOND FLOOR. LOWER LEVEL RAMP/STAIR, RAILING, LANDING, AND SECOND FLOOR LANDING TO REMAIN. PATCH AND REPAIR EXISTING SURFACE TO REMAIN. PREP FOR NEW CONSTRUCTION.
39	REMOVE ART HOOD. PREPARE HOOD DUCTWORK TO RECEIVE NEW CONSTRUCTION. REFER TO M-SERIES DWGS
40	REMOVE BLEACHERS IN THEIR ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREP FOR NEW CONSTRUCTION.
41	REMOVE EXISTING URINAL(S) AND ALL RELATED ACCESSORIES IN THEIR ENTIRETY. PATCH AND REPAIR ALL EXISTING SURFACES TO REMAIN. PREP FOR NEW CONSTRUCTION/FINISH. SEE P-SERIES DRAWINGS FOR PLUMBING SCOPE.
42	09 30 00 - REPLACE DAMAGED FLOOR/WALL TILES IN SHADED AREA WITH TILES AND PATTERN TO MATCH EXISTING. PROVIDE "X" SQUARE FEET ("X" INDICATED ON DEMO PLANS) OF TILE REPLACEMENT AT LOCATIONS INDICATED. CONFIRM TILE TYPE AND PATTERN IN THE FIELD. CONFIRM FINAL EXTENTS AT EACH AREA OF CRACKED TILE WITH ARCHITECT IN THE FIELD.
43	REMOVE QUARRY TILE FLOORING AND ASSOCIATED SETTING BED AND BASE. PREPARE AREA TO RECEIVE NEW CONSTRUCTION
44	REMOVE CERAMIC WALL TILE ON ALL WALLS IN THIS ROOM. PREPARE SURFACES TO RECEIVE NEW FINISH.
45	REMOVE FOOD SERVICE EQUIPMENT. STORE AND PROTECT ITEMS TO BE RELOCATED PER QK SERIES DWGS.
46	GENERAL CLASSROOM INTERIOR FINISHES ALTERNATE - APPLY DEMO NOTES 3, 22, 35, AND 36 TO THIS ROOM.
47	REMOVE VCT FLOORING IN ITS ENTIRETY INCLUDING ADHESIVES, TRANSITIONS, AND ALL ASSOCIATED WALL BASE. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREP FOR NEW CONSTRUCTION.
48	REMOVE CERAMIC COVE BASE WALL TILE ON ALL WALL BASES IN THIS ROOM. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP TO RECEIVE NEW CONSTRUCTION/FINISH.
49	REMOVE EXISTING SHOWER CURB IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
50	REMOVE COMPOSITE FLOOR SLAB AND ASSOCIATED FRAMING IN HATCHED AREA. REFER TO S-SERIES DWGS.
51	REMOVE RECESSED FLOOR MAT IN ITS ENTIRETY. INFILL RECESS WITH TOPPING SLAB TO LEVEL OUT TO EXISTING ADJACENT FLOOR. PREPARE AREA TO RECEIVE NEW CONSTRUCTION.
52	REMOVE ALL LIBRARY SHELVING FROM THIS ROOM. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREP FOR NEW CONSTRUCTION/FINISH
53	REMOVE SLAB ON GRADE IN HATCHED AREAS FOR INSTALLATION OF NEW FOOTINGS, ETC. REFER TO S-SERIES DWGS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
54	REMOVE PORCELAIN WALL TILE AND ASSOCIATED ADHESIVE AND TACKWALL. PREPARE SURFACES FOR NEW CONSTRUCTION.
55	PROTECT TERRAZZO MEDALLION DURING CONSTRUCTION.
56	REMOVE 3-SIDED GLASS DISPLAY CASE IN ITS ENTIRETY INCLUDING BASE. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREP FOR NEW FINISH
57	REMOVE PANTHER SCULPTURE - STORE AND PROTECT FOR RELOCATION INTO PHASE 2 UNIT W SECOND FLOOR.
58	REMOVE INTERIOR PLANTS AND ASSOCIATED SOIL. PREPARE PLANTERS TO RECEIVE NEW CONSTRUCTION.
59	REMOVE SCHOOL WOOD CREST - STORE AND PROTECT FOR RELOCATION IN NEW CONSTRUCTION.
60	REMOVE WOOD PANELING SYSTEM INCLUDING FASTENERS, ADHESIVES, TRIM, ETC. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
61	K HALL ELEVATOR ALTERNATE: REMOVE TRACTION ELEVATOR IN ITS ENTIRETY INCLUDING ALL ASSOCIATED COMPONENTS AND MACHINERY. PREPARE SHAFT TO RECEIVE NEW ELEVATOR CONSTRUCTION.
62	REMOVE ACOUSTICAL CEILING PANELS FROM EXISTING GRID (ABOVE). PREPARE GRID TO RECEIVE NEW CEILING PANELS.
63	REMOVE BUILDING PLAQUE. STORE AND PROTECT FOR RELOCATION IN NEW CONSTRUCTION.
64	REMOVE DOOR PANEL(S) AND ASSOCIATED HARDWARE FROM EXISTING FRAME TO REMAIN. PREP FRAME TO RECEIVE NEW DOOR PANEL(S) - REFER TO DOOR SCHEDULE.
65	REMOVE PLATFORM CONSTRUCTION IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREP FOR NEW CONSTRUCTION/FINISH
66	REMOVE CERAMIC TILE MOSAIC FLOORING IN ITS ENTIRETY INCLUDING GROUT, ADHESIVE, AND ASSOCIATED WALL BASE. PREP AREA TO RECEIVE NEW FLOORING. MOSAIC FLOOR TILE WALL BASE TO REMAIN AROUND CORRIDOR DRINKING FOUNTAIN LOCATIONS. REFERENCE I-501.3 FOR SCOPE OF WORK AND TYPICAL CORRIDOR DRINKING FOUNTAIN CONDITIONS. A2.3
67	MAIN GYM RAILING ALTERNATE: REMOVE EXISTING RAILING IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACE TO REMAIN. PREP FOR NEW CONSTRUCTION.
68	REMOVE ELEC. AIR DRYER. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
69	REMOVE PREFABRICATED MUSIC PRACTICE ROOM, PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
70	REMOVE BLEACHERS IN THEIR ENTIRETY. TAKE CARE TO DISCONNECT SPRINKLER LINES UNDER THE BLEACHERS PRIOR TO REMOVAL. COORDINATE WITH CM AND SPRINKLER CONTRACTOR. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREPARE TO RECEIVE NEW BLEACHER CONSTRUCTION.
71	REMOVE WALL PADS IN THEIR ENTIRETY AND ASSOCIATED FASTENERS, ADHESIVES, ETC. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREPARE AREA TO RECEIVE NEW CONSTRUCTION.
72	BASE BID: REMOVE GATE(S)/RAILING(S) TO EXTENTS INDICATED. REFERENCE AF1K2.3 FOR DETAILS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH
73	COORDINATE REMOVAL OF BANNERS AND OTHER WALL ADORNMENTS WITH OWNER AS REQUIRED FOR RE-PAINTING OF WALLS IN THIS ROOM.
74	02 41 16 - SELECTIVE STRUCTURAL DEMOLITION. REF S-SERIES DRAWINGS FOR EXTENTS. COORD. W/ MEPT SERIES DWGS FOR REMOVAL OF UTILITIES AND WHICH SYSTEMS TO REMAIN INTACT DURING CONSTRUCTION.
75	EXISTING PLUMBING PIPE TO REMAIN. PROTECT LINE DURING DEMOLITION OF ADJACENT CONSTRUCTION. REFER TO P-SERIES DWGS.
76	REMOVE ALL WALL MOUNTED ITEMS IN THIS ROOM ON WALLS SHOWN TO REMAIN, INCLUDING BUT NOT LIMITED TO MARKERBOARDS, TACKBOARDS, SHELVES, BRACKETS, ETC. PATCH AND REPAIR EXISTING SURFACES TO REMAIN
77	REMOVE COLUMN ENCLOSURE WALL CONSTRUCTION IN ITS ENTIRETY.
78	REMOVE EXISTING RECESSED CAN LIGHTS AND PREPARE OPENING TO RECEIVE NEW FLUSH PLASTER CEILING INFILL. REFER TO E-SERIES AND T-SERIES DWGS.
79	REMOVE EXISTING CEILING MOUNTED PIPE BATTENS IN THEIR ENTIRETY AND PREPARE SUPPORT LEG OPENINGS TO RECEIVE NEW FINISH PLASTER CEILING INFILL. REFER TO E-SERIES AND T-SERIES DWGS.
80	PROTECT ATHLETIC WOOD FLOORING DURING CONSTRUCTION
81	REMOVE EXTERIOR DOOR SIGNAGE. PREPARE WALL SURFACE FOR NEW SIGNAGE. REFER TO UNIT FLOOR PLANS.
82	EXTENSIVE SLAB DEMOLITION IN THIS AREA. REFER TO P-SERIES DWGS FOR EXTENTS.
83	REMOVE WIRE MESH PARTITION SYSTEM IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
84	REMOVE LIMESTONE SCHOOL CREST. STORE AND PROTECT FOR RELOCATION IN NEW CONSTRUCTION. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND TO MATCH EXISTING ADJACENT WALL CONSTRUCTION.
85	REMOVE EXISTING METAL PANEL OVERHANG AND ASSOCIATED FRAMING/STRUCTURE. REFER TO S-SERIES DWGS AND WALL SECTIONS.
86	REMOVE CONCRETE FLOOR SLAB TO ALIGN WITH NEW EXTERIOR WALL FACE - REFER TO WALL SECTIONS IN THIS AREA.
87	REMOVE EXISTING FUME HOOD IN ITS ENTIRETY INCLUDING BUT NOT LIMITED TO BASE CABINET, PIPING, DUCTWORK, SHROUDS, ETC. REFER TO MEP SERIES DWGS FOR WORK TO ASSOCIATED SERVICES. STORE AND PROTECT DURING CONSTRUCTION FOR RELOCATION
88	REMOVE FIXED AUDIENCE SEATING. PREPARE AREA TO RECEIVE NEW SEATING - REFER TO TR-SERIES DWGS.
89	REMOVE MECH RETURN GRILLES - STORE AND PROTECT FOR REINSTALLATION IN SAME WALL AT DIFFERENT ELEVATION. REFER TO INT. ELEVS.
90	REMOVE BATTING CAGE NETTING SYSTEM IN ITS ENTIRETY INCLUDING BUT NOT LIMITED TO SUPPORT STRUCTURE, WINCHES, ETC.
91	REMOVE TENNIS WALL STRUCTURE IN ITS ENTIRETY INCLUDING BUT NOT LIMITED TO SUPPORT STRUCTURE, ANCHORAGE, ADHESIVES, ETC. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
92	REMOVE EIFS SOFFIT AT ROOF OVERHANG - REFER TO NEW ROOF EDGE DETAIL FOR ASSOCIATED WORK.
93	REMOVE DIVING BOARD AND ASSOCIATED BASE IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
94	REMOVE PORTION OF STORAGE BENCH TO JOINT OF HINGED TOP PANEL AS REQUIRED FOR ACCESS TO NEW DOOR OPENING IN EXTERIOR WALL. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
95	REMOVE CRACKED TILES ON POOL DECK - REFER TO UNIT FLOOR PLAN FOR FURTHER DEFINITION OF AREAS.
96	REMOVE WOOD WAINSCOT FROM WALL SURFACE. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
97	REMOVE WOOD BLOCKING AROUND LOADING DOCK OPENING. PREPARE WALL SURFACE TO RECEIVE NEW LOADING DOCK SEALS.
98	02 41 16 - STRUCTURAL DEMOLITION: REMOVE BUILDING CONNECTION (HATCHED AREA) IN ITS ENTIRETY, INCLUDING FOUNDATIONS, SLABS, ROOFING, AND ASSOCIATED STRUCTURE. MAINTAIN HVAC PIPING FROM THE HIGH SCHOOLTO J.E.L. BUILDING - REFER TO M-SERIES DWGS FOR SCOPE OF WORK WITH THESE PIPES. COORDINATE STRUCTURE DEMOLITION WITH CONSTRUCTION MANAGER TO KEEP SERVICES INTACT FOR J.E.L. BUILDING AS REQUIRED. REFER TO MEPT SERIES DWGS FOR ASSOCIATED DEMOLITION SCOPE. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
99	REMOVE DECORATIVE GLAZING FROM APPLICABLE PANES. PREPARE FRAME TO RECEIVE NEW GLAZING IN THESE OPENINGS.
100	REMOVE WOOD FLOORING IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN, PREP AREA TO RECEIVE NEW FLOOR FINISH.
101	NOT USED - REFER TO DOOR SCHEDULE.
102	REMOVE DOOR PANEL AND ASSOCIATED HARDWARE FROM EXISTING FRAME TO REMAIN. PATCH AND REPAIR FRAME TO REMAIN.
103	SCIENCE CLASSROOM INTERIOR FINISHES ALTERNATE - APPLY DEMO NOTES 3, 36, AND 35/47 (DEPENDING ON EXISTING CONDITIONS - VIF) TO THIS ROOM. TEMPORARILY DISCONNECT TABLES AS NEEDED TO DEMOLISH FLOOR FINISH
104	REMOVE EXISTING DARK ROOM SINK BASIN, INCLUDING COUNTERTOP AND SUPPORT BRACKETS. STORE AND PROTECT FOR RELOCATION IN NEW CONSTRUCTION. REF P-SERIES DRAWINGS FOR PLUMBING SCOPE. A2.3

DEMOLITION HATCHING LEGEND

8, 25, 37, 53, 86	Concrete Floor Slabs/Tiers Demolition	▨	50	Composite Slab Demolition	▦
65, 26, 100	Platform/Wood Construction Demolition	▧	51, 95, 42, 70	Miscellaneous Demolition	▨
98, 74	Structural Demolition	▩	75, 55, 80	Protect During Demolition/ Construction	⬜

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#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

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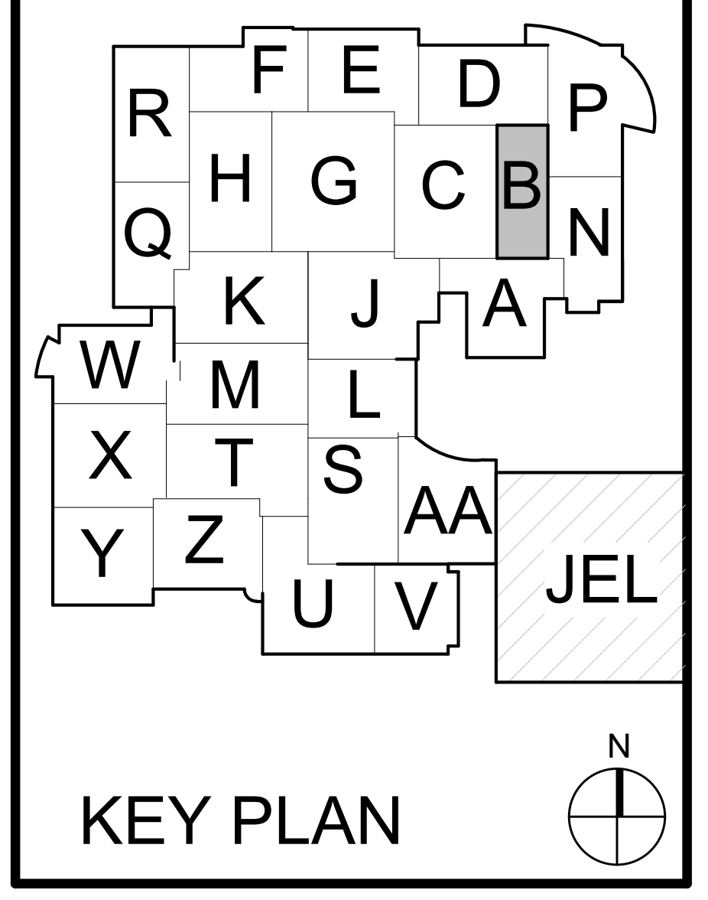


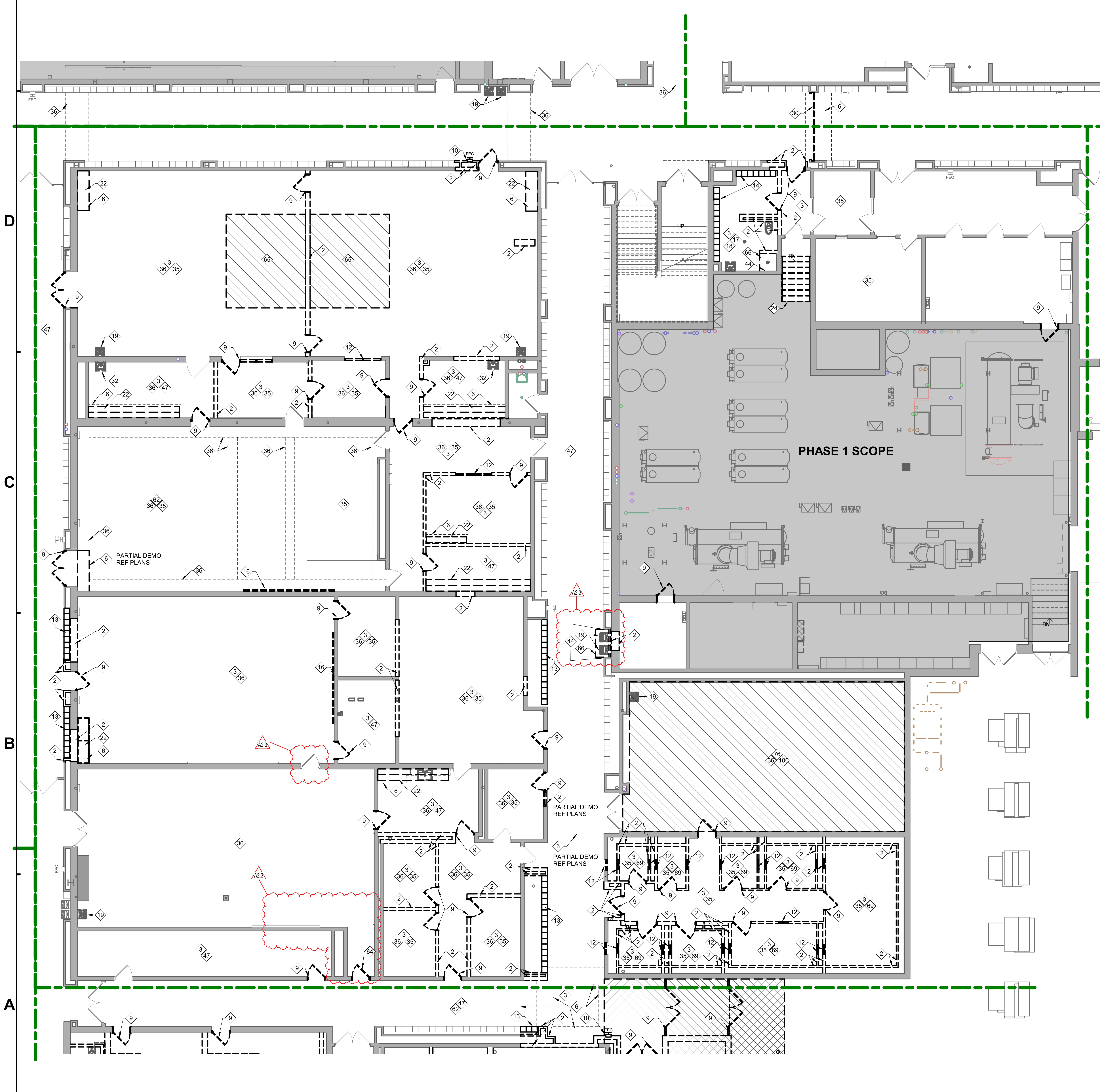
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR DEMOLITION PLAN - UNIT B

AD1B1.3



3A FIRST FLOOR DEMOLITION PLAN-UNIT J
1/8" = 1'-0"

DEMOLITION FLOOR PLAN NOTES

Refer to sheet A-001.3 for general demolition notes that apply to all demo work.

#	NOTE
1	REMOVE EXISTING EXTERIOR WALL CONSTRUCTION TO 8" BELOW FINISH FLOOR LINE IN ITS ENTIRETY TO LIMITS INDICATED. REMOVE ALL DOORS, FRAMES, WINDOWS AND MISCELLANEOUS FRAMING IN ITS ENTIRETY. PROTECT ALL EXISTING STRUCTURAL MEMBERS TO REMAIN. PREPARE ADJACENT SURFACES TO REMAIN FOR NEW WORK. REFERENCE A-SERIES AND I-SERIES FLOOR PLANS FOR FINISH CONDITIONS. REFER TO SECTION(S) FOR FURTHER DEFINITION OF DEMOLITION WORK.
2	REMOVE EXISTING INTERIOR WALL CONSTRUCTION IN ITS ENTIRETY TO LIMITS INDICATED INCLUDING, BUT NOT LIMITED TO, DOORS, FRAMES, WINDOWS AND ALL MISCELLANEOUS FRAMING. FIELD VERIFY ALL EXISTING WALL CONSTRUCTION PRIOR TO DEMOLITION. REFER TO ARCHITECTURAL AND INTERIOR FLOOR PLANS FOR FINISH CONDITIONS AND DIMENSIONS. NEW CONSTRUCTION TO TOOTH-IN TO EXISTING MASONRY COURSING WHERE APPLICABLE. PATCH AND REPAIR EXISTING ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION.
3	REMOVE EXISTING SUSPENDED LAY-IN PANEL CEILING SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE CEILING PADS, GRID, SUSPENSION WIRES, AND ALL RELATED ANCHORS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
4	REMOVE EXISTING GYPSUM BOARD CEILING SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE GYPSUM BOARD, SUSPENDED FRAMING AND ALL RELATED ANCHORS/FASTENERS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
5	EXISTING EXPOSED STRUCTURE AND ROOF DECK TO REMAIN. PREP FOR NEW CONSTRUCTION, REFERENCE AC-SERIES DRAWINGS FOR NEW CEILING(S) AND I-SERIES DRAWINGS FOR NEW FINISH(ES).
6	REMOVE EXISTING GYPSUM BOARD BULKHEAD IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE GYPSUM BOARD, STUD FRAMING AND ALL ASSOCIATED ANCHORS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
7	REMOVE EXISTING STOREFRONT/ENTRY SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE GLAZING, FRAMING, SEALANTS, DOORS, HARDWARE AND ALL RELATED ANCHORS. PATCH AND REPAIR ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
8	REMOVE SLAB IN HATCHED AREA AS REQUIRED FOR NEW SLAB/PLATFORM. REFER TO S-SERIES DRAWINGS
9	REMOVE EXISTING DOOR SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE DOOR, FRAME, SIDELIGHTS, GLAZING, HARDWARE AND ALL RELATED ANCHORS. PREP EXISTING OPENING FOR NEW CONSTRUCTION. PATCH AND REPAIR ALL ADJACENT SURFACES TO REMAIN FOR NEW CONSTRUCTION/FINISH.
10	REMOVE EXISTING FIRE EXTINGUISHER CABINET AND EXTINGUISHER AND TURN THEM OVER TO THE OWNER IN GOOD WORKING CONDITION
11	REMOVE EXISTING OPERABLE PARTITION SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE OPERABLE PARTITION PANELS, TRIMS, TRACK, SUPPORTS AND ALL RELATED ANCHORS. PATCH AND REPAIR ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
12	REMOVE EXISTING STOREFRONT AND/OR CURTAINWALL SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE GLAZING, SPANDREL PANELS, WINDOW FRAME, SEALANTS, AND ALL RELATED ANCHORS. PATCH AND REPAIR ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
13	REMOVE EXISTING CORRIDOR LOCKER(S) IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE LOCKERS, TRIMS, CURB, BULKHEAD AND ALL ASSOCIATED ANCHORS TO LIMITS INDICATED. PROTECT ADJACENT LOCKERS, CURBS AND BULKHEAD TO REMAIN. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION.
14	REMOVE EXISTING LOCKER(S) IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE LOCKERS, TRIMS, SLOPED TOPS, CURB AND ALL ASSOCIATED ANCHORS TO LIMITS INDICATED. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION.
15	REMOVE EXISTING WOOD BENCHES IN THEIR ENTIRETY INCLUDING, BUT NOT LIMITED TO THE BENCH, STEEL PEDESTALS, STEEL MOUNTING PLATES AND ALL RELATED ANCHORS. PATCH AND REPAIR EXISTING FLOOR SURFACES AND PREP FOR NEW CONSTRUCTION/FINISH.
16	REMOVE EXISTING WALL MOUNTED TACK BOARDS, MARKERBOARDS, CHALKBOARDS ADHESIVES, ANCHORS AND ALL RELATED ACCESSORIES IN THEIR ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH. SEE A-SERIES AND I-SERIES DRAWINGS.
17	REMOVE EXISTING TOILET PARTITIONS AND URINAL PARTITIONS IN THEIR ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
18	REMOVE EXISTING TOILETS, SINKS, URINALS AND ALL RELATED ACCESSORIES IN THEIR ENTIRETY INCLUDING, BUT NOT LIMITED TO TOILET PAPER DISPENSERS, GRAB BARS, MIRRORS AND SOAP DISPENSERS. PATCH AND REPAIR ALL EXISTING SURFACES TO REMAIN. PREP FOR NEW CONSTRUCTION/FINISH. SEE P-SERIES DRAWINGS FOR PLUMBING SCOPE.
19	REMOVE EXISTING DRINKING FOUNTAIN(S) IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE DRINKING FOUNTAIN, SEALANTS, PIPING, POWER AND ALL RELATED ANCHORS. SEE P-SERIES DRAWINGS.
20	REMOVE FREEZER/COOLER UNITS IN THEIR ENTIRETY. PREPARE AREA FOR NEW CONSTRUCTION.
21	REMOVE EXISTING SERVICE SINK IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH. SEE P-SERIES DRAWINGS FOR PLUMBING SCOPE.
22	REMOVE EXISTING CASEWORK IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO WALL CABINETS, BASE CABINETS, COUNTERTOPS, FILL PANELS, SINKS AND ALL RELATED TRIMS. PATCH AND REPAIR ALL EXISTING ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
23	REMOVE EXISTING COUNTERTOP AND SUPPORT BRACKETS IN THEIR ENTIRETY AND ALL RELATED ANCHORS AND SEALANTS. PATCH AND REPAIR EXISTING WALL SURFACE TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
24	REMOVE EXISTING RAMP/STAIR, RAILING, LANDING IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACE TO REMAIN. PREP FOR NEW CONSTRUCTION. COORDINATE DEMOLITION WITH S-SERIES DWGS.
25	REMOVE EXISTING CONCRETE FLOOR SLAB IN ITS ENTIRETY TO LIMITS INDICATED. REFERENCE MEP-SERIES DRAWINGS FOR ADDITIONAL INFORMATION. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING BUILDING CONDITIONS IN THE FIELD.
26	REMOVE EXISTING WOOD STEP/BENCH CONSTRUCTION, INCLUDING BUT NOT LIMITED TO ANY ASSOCIATED BLOCKING, ADHESIVE, AND FLOOR FINISH. PREP REMAINING CONSTRUCTION FOR NEW WORK
27	REMOVE EXISTING DISPLAY CASE IN ITS ENTIRETY, INCLUDING BUT NOT LIMITED TO DOORS, SHELVES, AND ANY ASSOCIATED ACCESSORIES. PREP OPENING FOR NEW CONSTRUCTION
28	REMOVE EXISTING RECEPTION DESK IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE COUNTERTOP, BASE CABINETS, CMU/STUD SUPPORT WALLS, WALL BASE AND ALL RELATED ANCHORS. PATCH AND REPAIR EXISTING WALL AND FLOOR SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
29	REMOVE EXISTING OVERHEAD COILING COUNTERTOP DOOR OR GRILLE INCLUDING, BUT NOT LIMITED TO, DOOR, TRACK, OPERATOR, AND ANY ASSOCIATED HANGERS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREP OPENING FOR NEW CONSTRUCTION
30	REMOVE EXISTING OVERHEAD COILING DOOR OR GRILLE INCLUDING BUT NOT LIMITED TO DOOR, TRACK, OPERATOR, AND ANY ASSOCIATED HANGERS OR OTHER ACCESSORIES. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREP OPENING FOR NEW CONSTRUCTION.
31	REMOVE EXISTING DUMBWAITER SYSTEM INCLUDING BUT NOT LIMITED TO DOORS, CARRIAGE, MECHANICAL COMPONENTS, AND TRACK.
32	REMOVE EXISTING SINK BASIN(S), INCLUDING COUNTERTOP AND SUPPORT BRACKETS. PATCH AND REPAIR ALL EXISTING SURFACES TO REMAIN. PREP FOR NEW CONSTRUCTION/FINISH. SEE P-SERIES DRAWINGS FOR PLUMBING SCOPE.
33	REMOVE EXISTING WALL BELOW OPENING TO 8" BELOW FLOOR. REMOVE WALL AT TOP OF OPENING TO FORM RIGHT ANGLES AT BOTH CORNERS.PREP SURFACES FOR NEW CONSTRUCTION. REF INTERIOR ELEVATIONS.
34	REMOVE EXISTING RAILING IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACE TO REMAIN. PREP FOR NEW CONSTRUCTION.
35	REMOVE EXISTING CARPET FLOOR FINISH IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE CARPET, ADHESIVES/TACK STRIPS, TRANSITION STRIPS AND ALL ASSOCIATED WALL BASE. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
36	REMOVE EXISTING WALLCOVERING IN ITS ENTIRETY INCLUDING ADHESIVES. PATCH AND REPAIR ALL EXISTING SURFACES TO REMAIN. PREP EXISTING SURFACES FOR NEW CONSTRUCTION/FINISH.
37	REMOVE EXISTING CONCRETE TIERS AND ASSOCIATED FRAMING/SUPPORT SYSTEM IN ITS ENTIRETY TO LIMITS INDICATED. REFERENCE MEP-SERIES DRAWINGS FOR ADDITIONAL INFORMATION. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING BUILDING CONDITIONS IN THE FIELD.

DEMOLITION HATCHING LEGEND

25, 53, 8, 37, 86	Concrete Floor Slabs/Tiers Demolition	▨	50	Composite Slab Demolition	▦
65, 26, 100	Platform/Wood Construction Demolition	▧	51, 95, 42, 70	Miscellaneous Demolition	▨
98, 74	Structural Demolition	▩	75, 55, 80	Protect During Demolition/ Construction	▩

DEMOLITION FLOOR PLAN NOTES

Refer to sheet A-001.3 for general demolition notes that apply to all demo work.

#	NOTE
38	REMOVE EXISTING RAMP/STAIR, RAILING, LANDING IN ITS ENTIRETY ON FIRST AND SECOND FLOOR. LOWER LEVEL RAMP/STAIR, RAILING, LANDING, AND SECOND FLOOR LANDING TO REMAIN. PATCH AND REPAIR EXISTING SURFACE TO REMAIN. PREP FOR NEW CONSTRUCTION.
39	REMOVE ART HOOD. PREPARE HOOD DUCTWORK TO RECEIVE NEW CONSTRUCTION. REFER TO M-SERIES DWGS
40	REMOVE BLEACHERS IN THEIR ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREP FOR NEW CONSTRUCTION.
41	REMOVE EXISTING URINAL(S) AND ALL RELATED ACCESSORIES IN THEIR ENTIRETY. PATCH AND REPAIR ALL EXISTING SURFACES TO REMAIN. PREP FOR NEW CONSTRUCTION/FINISH. SEE P-SERIES DRAWINGS FOR PLUMBING SCOPE.
42	09 30 00 - REPLACE DAMAGED FLOOR/WALL TILES IN SHADED AREA WITH TILES AND PATTERN TO MATCH EXISTING. PROVIDE "X" SQUARE FEET ("X" INDICATED ON DEMO PLANS) OF TILE REPLACEMENT AT LOCATIONS INDICATED. CONFIRM TILE TYPE AND PATTERN IN THE FIELD. CONFIRM FINAL EXTENTS AT EACH AREA OF CRACKED TILE WITH ARCHITECT IN THE FIELD.
43	REMOVE QUARRY TILE FLOORING AND ASSOCIATED SETTING BED AND BASE. PREPARE AREA TO RECEIVE NEW CONSTRUCTION
44	REMOVE CERAMIC WALL TILE ON ALL WALLS IN THIS ROOM. PREPARE SURFACES TO RECEIVE NEW FINISH.
45	REMOVE FOOD SERVICE EQUIPMENT. STORE AND PROTECT ITEMS TO BE RELOCATED PER QK SERIES DWGS.
46	GENERAL CLASSROOM INTERIOR FINISHES ALTERNATE - APPLY DEMO NOTES 3, 22, 35, AND 36 TO THIS ROOM.
47	REMOVE VCT FLOORING IN ITS ENTIRETY INCLUDING ADHESIVES, TRANSITIONS, AND ALL ASSOCIATED WALL BASE. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREP FOR NEW CONSTRUCTION.
48	REMOVE CERAMIC COVE BASE WALL TILE ON ALL WALL BASES IN THIS ROOM. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP TO RECEIVE NEW CONSTRUCTION/FINISH.
49	REMOVE EXISTING SHOWER CURB IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
50	REMOVE COMPOSITE FLOOR SLAB AND ASSOCIATED FRAMING IN HATCHED AREA. REFER TO S-SERIES DWGS.
51	REMOVE RECESSED FLOOR MAT IN ITS ENTIRETY. INFILL RECESS WITH TOPPING SLAB TO LEVEL OUT TO EXISTING ADJACENT FLOOR. PREPARE AREA TO RECEIVE NEW CONSTRUCTION.
52	REMOVE ALL LIBRARY SHELVING FROM THIS ROOM. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREP FOR NEW CONSTRUCTION/FINISH
53	REMOVE SLAB ON GRADE IN HATCHED AREAS FOR INSTALLATION OF NEW FOOTINGS, ETC. REFER TO S-SERIES DWGS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
54	REMOVE PORCELAIN WALL TILE AND ASSOCIATED ADHESIVE AND TACKWALL. PREPARE SURFACES FOR NEW CONSTRUCTION.
55	PROTECT TERRAZZO MEDALLION DURING CONSTRUCTION.
56	REMOVE 3-SIDED GLASS DISPLAY CASE IN ITS ENTIRETY INCLUDING BASE. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREP FOR NEW FINISH
57	REMOVE PANTHER SCULPTURE - STORE AND PROTECT FOR RELOCATION INTO PHASE 2 UNIT W SECOND FLOOR.
58	REMOVE INTERIOR PLANTS AND ASSOCIATED SOIL. PREPARE PLANTERS TO RECEIVE NEW CONSTRUCTION.
59	REMOVE SCHOOL WOOD CREST - STORE AND PROTECT FOR RELOCATION IN NEW CONSTRUCTION.
60	REMOVE WOOD PANELING SYSTEM INCLUDING FASTENERS, ADHESIVES, TRIM, ETC. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
61	K HALL ELEVATOR ALTERNATE: REMOVE TRACTION ELEVATOR IN ITS ENTIRETY INCLUDING ALL ASSOCIATED COMPONENTS AND MACHINERY. PREPARE SHAFT TO RECEIVE NEW ELEVATOR CONSTRUCTION.
62	REMOVE ACOUSTICAL CEILING PANELS FROM EXISTING GRID (ABOVE). PREPARE GRID TO RECEIVE NEW CEILING PANELS.
63	REMOVE BUILDING PLAQUE. STORE AND PROTECT FOR RELOCATION IN NEW CONSTRUCTION.
64	REMOVE DOOR PANEL(S) AND ASSOCIATED HARDWARE FROM EXISTING FRAME TO REMAIN. PREP FRAME TO RECEIVE NEW DOOR PANEL(S) - REFER TO DOOR SCHEDULE.
65	REMOVE PLATFORM CONSTRUCTION IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREP FOR NEW CONSTRUCTION/FINISH
66	REMOVE CERAMIC TILE MOSAIC FLOORING IN ITS ENTIRETY INCLUDING GROUT, ADHESIVE, AND ASSOCIATED WALL BASE. PREP AREA TO RECEIVE NEW FLOORING. MOSAIC FLOOR TILE WALL BASE TO REMAIN AROUND CORRIDOR DRINKING FOUNTAIN LOCATIONS. REFERENCE I-501.3 FOR SCOPE OF WORK AND TYPICAL CORRIDOR DRINKING FOUNTAIN CONDITIONS. A2.3
67	MAIN GYM RAILING ALTERNATE: REMOVE EXISTING RAILING IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACE TO REMAIN. PREP FOR NEW CONSTRUCTION.
68	REMOVE ELEC. AIR DRYER. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
69	REMOVE PREFABRICATED MUSIC PRACTICE ROOM, PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
70	REMOVE BLEACHERS IN THEIR ENTIRETY. TAKE CARE TO DISCONNECT SPRINKLER LINES UNDER THE BLEACHERS PRIOR TO REMOVAL. COORDINATE WITH CM AND SPRINKLER CONTRACTOR. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREPARE TO RECEIVE NEW BLEACHER CONSTRUCTION.
71	REMOVE WALL PADS IN THEIR ENTIRETY AND ASSOCIATED FASTENERS, ADHESIVES, ETC. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREPARE AREA TO RECEIVE NEW CONSTRUCTION.
72	BASE BID: REMOVE GATE(S)/RAILING(S) TO EXTENTS INDICATED. REFERENCE AF1K2.3 FOR DETAILS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH
73	COORDINATE REMOVAL OF BANNERS AND OTHER WALL ADORNMENTS WITH OWNER AS REQUIRED FOR RE-PAINTING OF WALLS IN THIS ROOM.
74	02 41 16 - SELECTIVE STRUCTURAL DEMOLITION. REF S-SERIES DRAWINGS FOR EXTENTS. COORD. W/ MEPT SERIES DWGS FOR REMOVAL OF UTILITIES AND WHICH SYSTEMS TO REMAIN INTACT DURING CONSTRUCTION.
75	EXISTING PLUMBING PIPE TO REMAIN. PROTECT LINE DURING DEMOLITION OF ADJACENT CONSTRUCTION. REFER TO P-SERIES DWGS.
76	REMOVE ALL WALL MOUNTED ITEMS IN THIS ROOM ON WALLS SHOWN TO REMAIN, INCLUDING BUT NOT LIMITED TO MARKERBOARDS, TACKBOARDS, SHELVES, BRACKETS, ETC. PATCH AND REPAIR EXISTING SURFACES TO REMAIN
77	REMOVE COLUMN ENCLOSURE WALL CONSTRUCTION IN ITS ENTIRETY.
78	REMOVE EXISTING RECESSED CAN LIGHTS AND PREPARE OPENING TO RECEIVE NEW FLUSH PLASTER CEILING INFILL. REFER TO E-SERIES AND T-SERIES DWGS.
79	REMOVE EXISTING CEILING MOUNTED PIPE BATTENS IN THEIR ENTIRETY AND PREPARE SUPPORT LEG OPENINGS TO RECEIVE NEW FINISH PLASTER CEILING INFILL. REFER TO E-SERIES AND T-SERIES DWGS.
80	PROTECT ATHLETIC WOOD FLOORING DURING CONSTRUCTION
81	REMOVE EXTERIOR DOOR SIGNAGE. PREPARE WALL SURFACE FOR NEW SIGNAGE. REFER TO UNIT FLOOR PLANS.
82	EXTENSIVE SLAB DEMOLITION IN THIS AREA. REFER TO P-SERIES DWGS FOR EXTENTS.
83	REMOVE WIRE MESH PARTITION SYSTEM IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
84	REMOVE LIMESTONE SCHOOL CREST. STORE AND PROTECT FOR RELOCATION IN NEW CONSTRUCTION. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND TO MATCH EXISTING ADJACENT WALL CONSTRUCTION.
85	REMOVE EXISTING METAL PANEL OVERHANG AND ASSOCIATED FRAMING/STRUCTURE. REFER TO S-SERIES DWGS AND WALL SECTIONS.
86	REMOVE CONCRETE FLOOR SLAB TO ALIGN WITH NEW EXTERIOR WALL FACE - REFER TO WALL SECTIONS IN THIS AREA.
87	REMOVE EXISTING FUME HOOD IN ITS ENTIRETY INCLUDING BUT NOT LIMITED TO BASE CABINET, PIPING, DUCTWORK, SHROUDS, ETC. REFER TO MEP SERIES DWGS FOR WORK TO ASSOCIATED SERVICES. STORE AND PROTECT DURING CONSTRUCTION FOR RELOCATION
88	REMOVE FIXED AUDIENCE SEATING. PREPARE AREA TO RECEIVE NEW SEATING - REFER TO TR-SERIES DWGS.
89	REMOVE MECH RETURN GRILLES - STORE AND PROTECT FOR REINSTALLATION IN SAME WALL AT DIFFERENT ELEVATION. REFER TO INT. ELEVS.
90	REMOVE BATTING CAGE NETTING SYSTEM IN ITS ENTIRETY INCLUDING BUT NOT LIMITED TO SUPPORT STRUCTURE, WINCHES, ETC.
91	REMOVE TENNIS WALL STRUCTURE IN ITS ENTIRETY INCLUDING BUT NOT LIMITED TO SUPPORT STRUCTURE, ANCHORAGE, ADHESIVES, ETC. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
92	REMOVE EIFS SOFFIT AT ROOF OVERHANG - REFER TO NEW ROOF EDGE DETAIL FOR ASSOCIATED WORK.
93	REMOVE DIVING BOARD AND ASSOCIATED BASE IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
94	REMOVE PORTION OF STORAGE BENCH TO JOINT OF HINGED TOP PANEL AS REQUIRED FOR ACCESS TO NEW DOOR OPENING IN EXTERIOR WALL. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
95	REMOVE CRACKED TILES ON POOL DECK - REFER TO UNIT FLOOR PLAN FOR FURTHER DEFINITION OF AREAS.
96	REMOVE WOOD WAINSCOT FROM WALL SURFACE. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
97	REMOVE WOOD BLOCKING AROUND LOADING DOCK OPENING. PREPARE WALL SURFACE TO RECEIVE NEW LOADING DOCK SEALS.
98	02 41 16 - STRUCTURAL DEMOLITION: REMOVE BUILDING CONNECTION (HATCHED AREA) IN ITS ENTIRETY, INCLUDING FOUNDATIONS, SLABS, ROOFING, AND ASSOCIATED STRUCTURE. MAINTAIN HVAC PIPING FROM THE HIGH SCHOOLTO J.E.L. BUILDING - REFER TO M-SERIES DWGS FOR SCOPE OF WORK WITH THESE PIPES. COORDINATE STRUCTURE DEMOLITION WITH CONSTRUCTION MANAGER TO KEEP SERVICES INTACT FOR J.E.L. BUILDING AS REQUIRED. REFER TO MEPT SERIES DWGS FOR ASSOCIATED DEMOLITION SCOPE. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
99	REMOVE DECORATIVE GLAZING FROM APPLICABLE PANES. PREPARE FRAME TO RECEIVE NEW GLAZING IN THESE OPENINGS.
100	REMOVE WOOD FLOORING IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN, PREP AREA TO RECEIVE NEW FLOOR FINISH.
101	NOT USED - REFER TO DOOR SCHEDULE.
102	REMOVE DOOR PANEL AND ASSOCIATED HARDWARE FROM EXISTING FRAME TO REMAIN. PATCH AND REPAIR FRAME TO REMAIN.
103	SCIENCE CLASSROOM INTERIOR FINISHES ALTERNATE - APPLY DEMO NOTES 3, 36, AND 35/47 (DEPENDING ON EXISTING CONDITIONS - VIF) TO THIS ROOM. TEMPORARILY DISCONNECT TABLES AS NEEDED TO DEMOLISH FLOOR FINISH
104	REMOVE EXISTING DARK ROOM SINK BASIN, INCLUDING COUNTERTOP AND SUPPORT BRACKETS. STORE AND PROTECT FOR RELOCATION IN NEW CONSTRUCTION. REF P-SERIES DRAWINGS FOR PLUMBING SCOPE. A2.3

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#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

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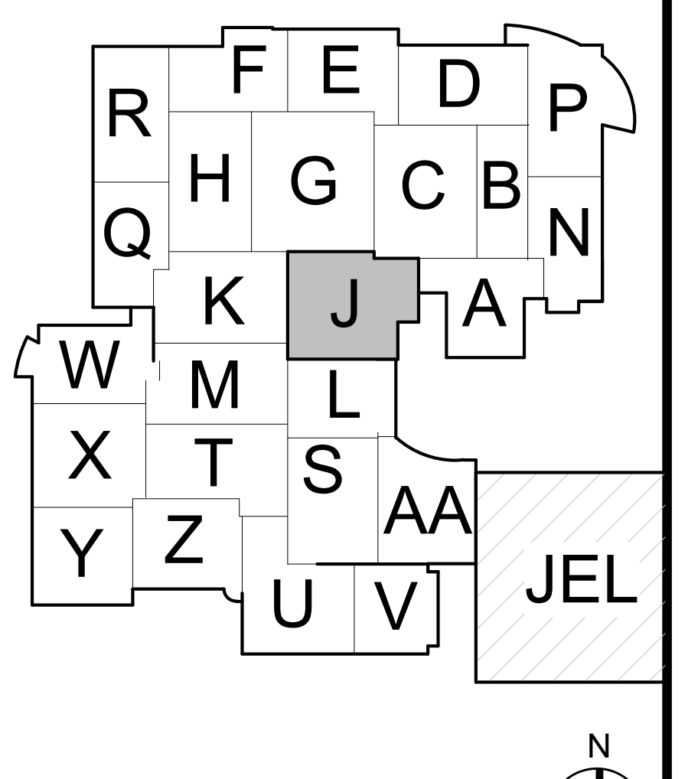

KEY PLAN

M.S.D. of Washington Township

North Central High School Renovation - Additions Phase 3

FIRST FLOOR DEMOLITION PLAN - UNIT J

AD1J1.3

AD1J1.3_ FIRST FLOOR DEMOLITION PLAN - UNIT J
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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DEMOLITION HATCHING LEGEND

8, 25, 37, 53, 86	Concrete Floor Slabs/Tiers Demolition	▨
50	Composite Slab Demolition	▦
26, 65, 100	Platform/Wood Construction Demolition	▨
42, 51, 70, 95	Miscellaneous Demolition	▨
74, 98	Structural Demolition	▩
55, 75, 80	Protect During Demolition/ Construction	▢

DEMOLITION FLOOR PLAN NOTES

Refer to sheet A-001.3 for general demolition notes that apply to all demo work.

#	NOTE
1	REMOVE EXISTING EXTERIOR WALL CONSTRUCTION TO 8" BELOW FINISH FLOOR LINE IN ITS ENTIRETY TO LIMITS INDICATED. REMOVE ALL DOORS, FRAMES, WINDOWS AND MISCELLANEOUS FRAMING IN ITS ENTIRETY. PROTECT ALL EXISTING STRUCTURAL MEMBERS TO REMAIN. PREPARE ADJACENT SURFACES TO REMAIN FOR NEW WORK. REFERENCE A-SERIES AND I-SERIES FLOOR PLANS FOR FINISH CONDITIONS. REFER TO SECTION(S) FOR FURTHER DEFINITION OF DEMOLITION WORK.
2	REMOVE EXISTING INTERIOR WALL CONSTRUCTION IN ITS ENTIRETY TO LIMITS INDICATED INCLUDING, BUT NOT LIMITED TO, DOORS, FRAMES, WINDOWS AND ALL MISCELLANEOUS FRAMING. FIELD VERIFY ALL EXISTING WALL CONSTRUCTION PRIOR TO DEMOLITION. REFER TO ARCHITECTURAL AND INTERIOR FLOOR PLANS FOR FINISH CONDITIONS AND DIMENSIONS. NEW CONSTRUCTION TO TOOTH-IN TO EXISTING MASONRY COURSING WHERE APPLICABLE. PATCH AND REPAIR EXISTING ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION.
3	REMOVE EXISTING SUSPENDED LAY-IN PANEL CEILING SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE CEILING PADS, GRID, SUSPENSION WIRES, AND ALL RELATED ANCHORS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
4	REMOVE EXISTING GYPSUM BOARD CEILING SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE GYPSUM BOARD, SUSPENDED FRAMING AND ALL RELATED ANCHORS/FASTENERS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
5	EXISTING EXPOSED STRUCTURE AND ROOF DECK TO REMAIN. PREP FOR NEW CONSTRUCTION, REFERENCE AC-SERIES DRAWINGS FOR NEW CEILING(S) AND I-SERIES DRAWINGS FOR NEW FINISH(ES).
6	REMOVE EXISTING GYPSUM BOARD BULKHEAD IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE GYPSUM BOARD, STUD FRAMING AND ALL ASSOCIATED ANCHORS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
7	REMOVE EXISTING STOREFRONT/ENTRY SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE GLAZING, FRAMING, SEALANTS, DOORS, HARDWARE AND ALL RELATED ANCHORS. PATCH AND REPAIR ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
8	REMOVE SLAB IN HATCHED AREA AS REQUIRED FOR NEW SLAB/PLATFORM. REFER TO S-SERIES DRAWINGS
9	REMOVE EXISTING DOOR SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE DOOR, FRAME, SIDELIGHTS, GLAZING, HARDWARE AND ALL RELATED ANCHORS. PREP EXISTING OPENING FOR NEW CONSTRUCTION. PATCH AND REPAIR ALL ADJACENT SURFACES TO REMAIN FOR NEW CONSTRUCTION/FINISH.

DEMOLITION FLOOR PLAN NOTES

Refer to sheet A-001.3 for general demolition notes that apply to all demo work.

#	NOTE
10	REMOVE EXISTING FIRE EXTINGUISHER CABINET AND EXTINGUISHER AND TURN THEM OVER TO THE OWNER IN GOOD WORKING CONDITION
11	REMOVE EXISTING OPERABLE PARTITION SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE OPERABLE PARTITION PANELS, TRIMS, TRACK, SUPPORTS AND ALL RELATED ANCHORS. PATCH AND REPAIR ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
12	REMOVE EXISTING STOREFRONT AND/OR CURTAINWALL SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE GLAZING, SPANDREL PANELS, WINDOW FRAME, SEALANTS, AND ALL RELATED ANCHORS. PATCH AND REPAIR ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
13	REMOVE EXISTING CORRIDOR LOCKER(S) IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE LOCKERS, TRIMS, CURB, BULKHEAD AND ALL ASSOCIATED ANCHORS TO LIMITS INDICATED. PROTECT ADJACENT LOCKERS, CURBS AND BULKHEAD TO REMAIN. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION.
14	REMOVE EXISTING LOCKER(S) IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE LOCKERS, TRIMS, SLOPED TOPS, CURB AND ALL ASSOCIATED ANCHORS TO LIMITS INDICATED. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION.
15	REMOVE EXISTING WOOD BENCHES IN THEIR ENTIRETY INCLUDING, BUT NOT LIMITED TO THE BENCH, STEEL PEDESTALS, STEEL MOUNTING PLATES AND ALL RELATED ANCHORS. PATCH AND REPAIR EXISTING FLOOR SURFACES AND PREP FOR NEW CONSTRUCTION/FINISH.
16	REMOVE EXISTING WALL MOUNTED TACK BOARDS, MARKERBOARDS, CHALKBOARDS ADHESIVES, ANCHORS AND ALL RELATED ACCESSORIES IN THEIR ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH. SEE A-SERIES AND I-SERIES DRAWINGS.
17	REMOVE EXISTING TOILET PARTITIONS AND URINAL PARTITIONS IN THEIR ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
18	REMOVE EXISTING TOILETS, SINKS, URINALS AND ALL RELATED ACCESSORIES IN THEIR ENTIRETY INCLUDING, BUT NOT LIMITED TO TOILET PAPER DISPENSERS, GRAB BARS, MIRRORS AND SOAP DISPENSERS. PATCH AND REPAIR ALL EXISTING SURFACES TO REMAIN. PREP FOR NEW CONSTRUCTION/FINISH. SEE P-SERIES DRAWINGS FOR PLUMBING SCOPE.
19	REMOVE EXISTING DRINKING FOUNTAIN(S) IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE DRINKING FOUNTAIN, SEALANTS, PIPING, POWER AND ALL RELATED ANCHORS. SEE P-SERIES DRAWINGS.

DEMOLITION FLOOR PLAN NOTES

Refer to sheet A-001.3 for general demolition notes that apply to all demo work.

#	NOTE
20	REMOVE FREEZER/COOLER UNITS IN THEIR ENTIRETY. PREPARE AREA FOR NEW CONSTRUCTION.
21	REMOVE EXISTING SERVICE SINK IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH. SEE P-SERIES DRAWINGS FOR PLUMBING SCOPE.
22	REMOVE EXISTING CASEWORK IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO WALL CABINETS, BASE CABINETS, COUNTERTOPS, FILL PANELS, SINKS AND ALL RELATED TRIMS. PATCH AND REPAIR ALL EXISTING ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
23	REMOVE EXISTING COUNTERTOP AND SUPPORT BRACKETS IN THEIR ENTIRETY AND ALL RELATED ANCHORS AND SEALANTS. PATCH AND REPAIR EXISTING WALL SURFACE TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
24	REMOVE EXISTING RAMP/STAIR, RAILING, LANDING IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACE TO REMAIN. PREP FOR NEW CONSTRUCTION. COORDINATE DEMOLITION WITH S-SERIES DWGS.
25	REMOVE EXISTING CONCRETE FLOOR SLAB IN ITS ENTIRETY TO LIMITS INDICATED. REFERENCE MEP-SERIES DRAWINGS FOR ADDITIONAL INFORMATION. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING BUILDING CONDITIONS IN THE FIELD.
26	REMOVE EXISTING WOOD STEP/BENCH CONSTRUCTION, INCLUDING BUT NOT LIMITED TO ANY ASSOCIATED BLOCKING, ADHESIVE, AND FLOOR FINISH. PREP REMAINING CONSTRUCTION FOR NEW WORK
27	REMOVE EXISTING DISPLAY CASE IN ITS ENTIRETY, INCLUDING BUT NOT LIMITED TO DOORS, SHELVES, AND ANY ASSOCIATED ACCESSORIES. PREP OPENING FOR NEW CONSTRUCTION
28	REMOVE EXISTING RECEPTION DESK IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE COUNTERTOP, BASE CABINETS, CMU/STUD SUPPORT WALLS, WALL BASE AND ALL RELATED ANCHORS. PATCH AND REPAIR EXISTING WALL AND FLOOR SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
29	REMOVE EXISTING OVERHEAD COILING COUNTERTOP DOOR OR GRILLE INCLUDING, BUT NOT LIMITED TO, DOOR, TRACK, OPERATOR, AND ANY ASSOCIATED HANGERS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREP OPENING FOR NEW CONSTRUCTION
30	REMOVE EXISTING OVERHEAD COILING DOOR OR GRILLE INCLUDING BUT NOT LIMITED TO DOOR, TRACK, OPERATOR, AND ANY ASSOCIATED HANGERS OR OTHER ACCESSORIES. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREP OPENING FOR NEW CONSTRUCTION.

DEMOLITION FLOOR PLAN NOTES

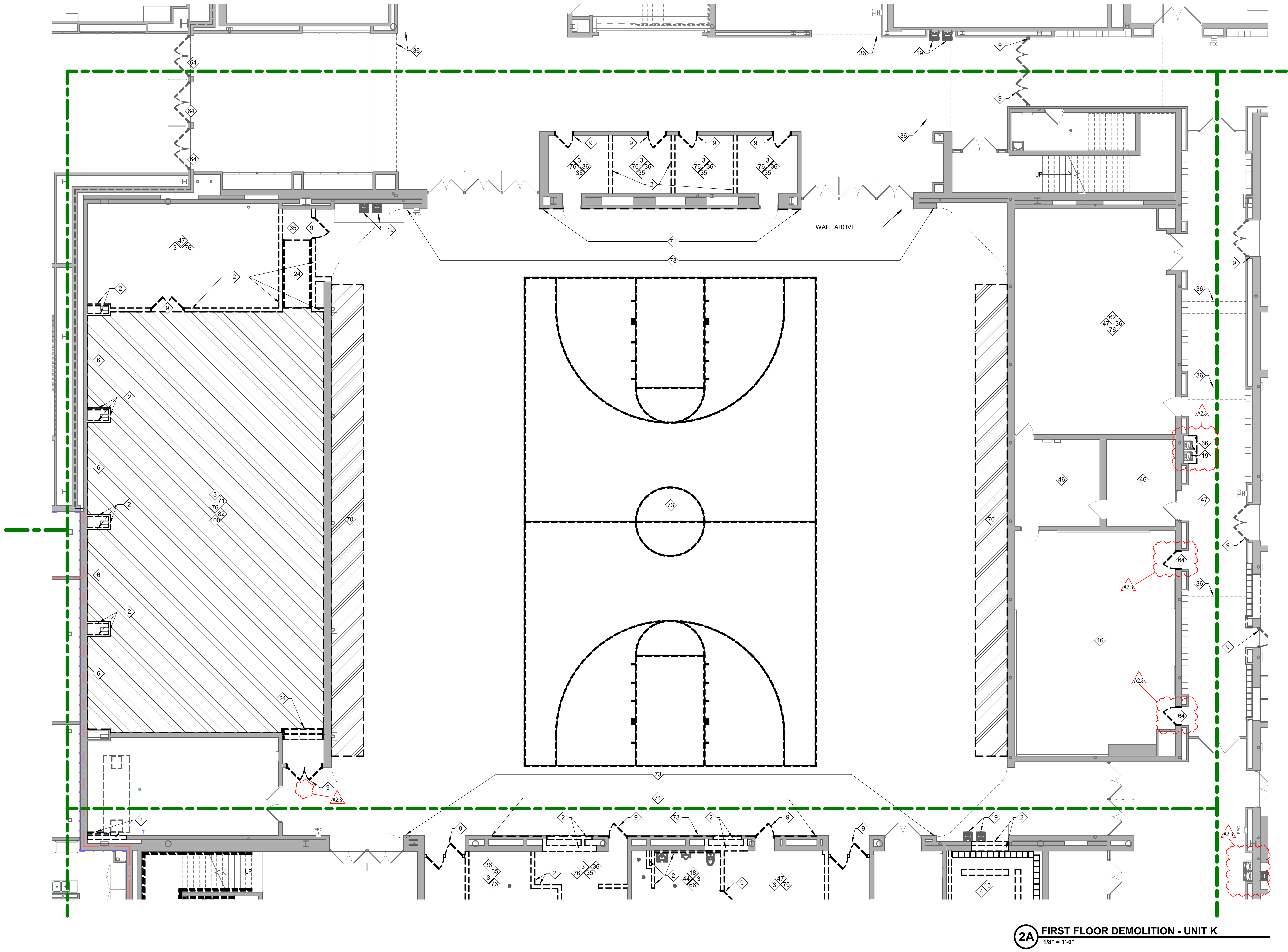
Refer to sheet A-001.3 for general demolition notes that apply to all demo work.

#	NOTE
31	REMOVE EXISTING DUMBWAITER SYSTEM INCLUDING BUT NOT LIMITED TO DOORS, CARRIAGE, MECHANICAL COMPONENTS, AND TRACK.
32	REMOVE EXISTING SINK BASIN(S), INCLUDING COUNTERTOP AND SUPPORT BRACKETS. PATCH AND REPAIR ALL EXISTING SURFACES TO REMAIN. PREP FOR NEW CONSTRUCTION/FINISH. SEE P-SERIES DRAWINGS FOR PLUMBING SCOPE.
33	REMOVE EXISTING WALL BELOW OPENING TO 8" BELOW FLOOR. REMOVE WALL AT TOP OF OPENING TO FORM RIGHT ANGLES AT BOTH CORNERS.PREP SURFACES FOR NEW CONSTRUCTION. REF INTERIOR ELEVATIONS.
34	REMOVE EXISTING RAILING IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACE TO REMAIN. PREP FOR NEW CONSTRUCTION.
35	REMOVE EXISTING CARPET FLOOR FINISH IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE CARPET, ADHESIVES/TACK STRIPS, TRANSITION STRIPS AND ALL ASSOCIATED WALL BASE. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
36	REMOVE EXISTING WALLCOVERING IN ITS ENTIRETY INCLUDING ADHESIVES. PATCH AND REPAIR ALL EXISTING SURFACES TO REMAIN. PREP EXISTING SURFACES FOR NEW CONSTRUCTION/FINISH.
37	REMOVE EXISTING CONCRETE TIERS AND ASSOCIATED FRAMING/SUPPORT SYSTEM IN ITS ENTIRETY TO LIMITS INDICATED. REFERENCE MEP-SERIES DRAWINGS FOR ADDITIONAL INFORMATION. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING BUILDING CONDITIONS IN THE FIELD.
38	REMOVE EXISTING RAMP/STAIR, RAILING, LANDING IN ITS ENTIRETY ON FIRST AND SECOND FLOOR. LOWER LEVEL RAMP/STAIR, RAILING, LANDING, AND SECOND FLOOR LANDING TO REMAIN. PATCH AND REPAIR EXISTING SURFACE TO REMAIN. PREP FOR NEW CONSTRUCTION.
39	REMOVE ART HOOD. PREPARE HOOD DUCTWORK TO RECEIVE NEW CONSTRUCTION. REFER TO M-SERIES DWGS
40	REMOVE BLEACHERS IN THEIR ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREP FOR NEW CONSTRUCTION.
41	REMOVE EXISTING URINAL(S) AND ALL RELATED ACCESSORIES IN THEIR ENTIRETY. PATCH AND REPAIR ALL EXISTING SURFACES TO REMAIN. PREP FOR NEW CONSTRUCTION/FINISH. SEE P-SERIES DRAWINGS FOR PLUMBING SCOPE.
42	09 30 00 - REPLACE DAMAGED FLOOR/WALL TILES IN SHADED AREA WITH TILES AND PATTERN TO MATCH EXISTING. PROVIDE "X" SQUARE FEET ("X" INDICATED ON DEMO PLANS) OF TILE REPLACEMENT AT LOCATIONS INDICATED. CONFIRM TILE TYPE AND PATTERN IN THE FIELD. CONFIRM FINAL EXTENTS AT EACH AREA OF CRACKED TILE WITH ARCHITECT IN THE FIELD.
43	REMOVE QUARRY TILE FLOORING AND ASSOCIATED SETTING BED AND BASE. PREPARE AREA TO RECEIVE NEW CONSTRUCTION

DEMOLITION FLOOR PLAN NOTES

Refer to sheet A-001.3 for general demolition notes that apply to all demo work.

#	NOTE
44	REMOVE CERAMIC WALL TILE ON ALL WALLS IN THIS ROOM. PREPARE SURFACES TO RECEIVE NEW FINISH.
45	REMOVE FOOD SERVICE EQUIPMENT. STORE AND PROTECT ITEMS TO BE RELOCATED PER QK SERIES DWGS.
46	GENERAL CLASSROOM INTERIOR FINISHES ALTERNATE - APPLY DEMO NOTES 3, 22, 35, AND 36 TO THIS ROOM.
47	REMOVE VCT FLOORING IN ITS ENTIRETY INCLUDING ADHESIVES, TRANSITIONS, AND ALL ASSOCIATED WALL BASE. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREP FOR NEW CONSTRUCTION.
48	REMOVE CERAMIC COVE BASE WALL TILE ON ALL WALL BASES IN THIS ROOM. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP TO RECEIVE NEW CONSTRUCTION/FINISH.
49	REMOVE EXISTING SHOWER CURB IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
50	REMOVE COMPOSITE FLOOR SLAB AND ASSOCIATED FRAMING IN HATCHED AREA. REFER TO S-SERIES DWGS.
51	REMOVE RECESSED FLOOR MAT IN ITS ENTIRETY. INFILL RECESS WITH TOPPING SLAB TO LEVEL OUT TO EXISTING ADJACENT FLOOR. PREPARE AREA TO RECEIVE NEW CONSTRUCTION.
52	REMOVE ALL LIBRARY SHELVING FROM THIS ROOM. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREP FOR NEW CONSTRUCTION/FINISH
53	REMOVE SLAB ON GRADE IN HATCHED AREAS FOR INSTALLATION OF NEW FOOTINGS, ETC. REFER TO S-SERIES DWGS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
54	REMOVE PORCELAIN WALL TILE AND ASSOCIATED ADHESIVE AND TACKWALL. PREPARE SURFACES FOR NEW CONSTRUCTION.
55	PROTECT TERRAZZO MEDALLION DURING CONSTRUCTION.
56	REMOVE 3-SIDED GLASS DISPLAY CASE IN ITS ENTIRETY INCLUDING BASE. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREP FOR NEW FINISH
57	REMOVE PANTHER SCULPTURE - STORE AND PROTECT FOR RELOCATION INTO PHASE 2 UNIT W SECOND FLOOR.
58	REMOVE INTERIOR PLANTS AND ASSOCIATED SOIL. PREPARE PLANTERS TO RECEIVE NEW CONSTRUCTION.
59	REMOVE SCHOOL WOOD CREST - STORE AND PROTECT FOR RELOCATION IN NEW CONSTRUCTION.
60	REMOVE WOOD PANELING SYSTEM INCLUDING FASTENERS, ADHESIVES, TRIM, ETC. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
61	K HALL ELEVATOR ALTERNATE: REMOVE TRACTION ELEVATOR IN ITS ENTIRETY INCLUDING ALL ASSOCIATED COMPONENTS AND MACHINERY. PREPARE SHAFT TO RECEIVE NEW ELEVATOR CONSTRUCTION.
62	REMOVE ACOUSTICAL CEILING PANELS FROM EXISTING GRID (ABOVE). PREPARE GRID TO RECEIVE NEW CEILING PANELS.
63	REMOVE BUILDING PLAQUE. STORE AND PROTECT FOR RELOCATION IN NEW CONSTRUCTION.
64	REMOVE DOOR PANEL(S) AND ASSOCIATED HARDWARE FROM EXISTING FRAME TO REMAIN. PREP FRAME TO RECEIVE NEW DOOR PANEL(S) - REFER TO DOOR SCHEDULE.
65	REMOVE PLATFORM CONSTRUCTION IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREP FOR NEW CONSTRUCTION/FINISH
66	REMOVE CERAMIC TILE MOSAIC FLOORING IN ITS ENTIRETY INCLUDING GROUT, ADHESIVE, AND ASSOCIATED WALL BASE. PREP AREA TO RECEIVE NEW FLOORING. MOSAIC FLOOR TILE WALL BASE TO REMAIN AROUND CORRIDOR DRINKING FOUNTAIN LOCATIONS. REFERENCE I-501.3 FOR SCOPE OF WORK AND TYPICAL CORRIDOR DRINKING FOUNTAIN CONDITIONS. A2.3
67	MAIN GYM RAILING ALTERNATE: REMOVE EXISTING RAILING IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACE TO REMAIN. PREP FOR NEW CONSTRUCTION.
68	REMOVE ELEC. AIR DRYER. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
69	REMOVE PREFABRICATED MUSIC PRACTICE ROOM, PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
70	REMOVE BLEACHERS IN THEIR ENTIRETY. TAKE CARE TO DISCONNECT SPRINKLER LINES UNDER THE BLEACHERS PRIOR TO REMOVAL. COORDINATE WITH CM AND SPRINKLER CONTRACTOR. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREPARE TO RECEIVE NEW BLEACHER CONSTRUCTION.
71	REMOVE WALL PADS IN THEIR ENTIRETY AND ASSOCIATED FASTENERS, ADHESIVES, ETC. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREPARE AREA TO RECEIVE NEW CONSTRUCTION.
72	BASE BID: REMOVE GATE(S)/RAILING(S) TO EXTENTS INDICATED. REFERENCE AF1K2.3 FOR DETAILS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH
73	COORDINATE REMOVAL OF BANNERS AND OTHER WALL ADORNMENTS WITH OWNER AS REQUIRED FOR RE-PAINTING OF WALLS IN THIS ROOM.
74	02 41 16 - SELECTIVE STRUCTURAL DEMOLITION. REF S-SERIES DRAWINGS FOR EXTENTS. COORD. W/ MEPT SERIES DWGS FOR REMOVAL OF UTILITIES AND WHICH SYSTEMS TO REMAIN INTACT DURING CONSTRUCTION.
75	EXISTING PLUMBING PIPE TO REMAIN. PROTECT LINE DURING DEMOLITION OF ADJACENT CONSTRUCTION. REFER TO P-SERIES DWGS.
76	REMOVE ALL WALL MOUNTED ITEMS IN THIS ROOM ON WALLS SHOWN TO REMAIN, INCLUDING BUT NOT LIMITED TO MARKERBOARDS, TACKBOARDS, SHELVES, BRACKETS, ETC. PATCH AND REPAIR EXISTING SURFACES TO REMAIN
77	REMOVE COLUMN ENCLOSURE WALL CONSTRUCTION IN ITS ENTIRETY.
78	REMOVE EXISTING CEILING MOUNTED PIPE BATTENS IN THEIR ENTIRETY AND PREPARE SUPPORT LEG OPENINGS TO RECEIVE NEW FINISH PLASTER CEILING INFILL. REFER TO E-SERIES AND T-SERIES DWGS.
79	REMOVE EXISTING RECESSED CAN LIGHTS AND PREPARE OPENING TO RECEIVE NEW FLUSH PLASTER CEILING INFILL. REFER TO E-SERIES AND T-SERIES DWGS.
80	PROTECT ATHLETIC WOOD FLOORING DURING CONSTRUCTION
81	REMOVE EXTERIOR DOOR SIGNAGE. PREPARE WALL SURFACE FOR NEW SIGNAGE. REFER TO UNIT FLOOR PLANS.
82	EXTENSIVE SLAB DEMOLITION IN THIS AREA. REFER TO P-SERIES DWGS FOR EXTENTS.
83	REMOVE WIRE MESH PARTITION SYSTEM IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
84	REMOVE LIMESTONE SCHOOL CREST. STORE AND PROTECT FOR RELOCATION IN NEW CONSTRUCTION. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND TO MATCH EXISTING ADJACENT WALL CONSTRUCTION.
85	REMOVE EXISTING METAL PANEL OVERHANG AND ASSOCIATED FRAMING/STRUCTURE. REFER TO S-SERIES DWGS AND WALL SECTIONS.
86	REMOVE CONCRETE FLOOR SLAB TO ALIGN WITH NEW EXTERIOR WALL FACE - REFER TO WALL SECTIONS IN THIS AREA.
87	REMOVE EXISTING FUME HOOD IN ITS ENTIRETY INCLUDING BUT NOT LIMITED TO BASE CABINET, PIPING, DUCTWORK, SHROUDS, ETC. REFER TO MEP SERIES DWGS FOR WORK TO ASSOCIATED SERVICES. STORE AND PROTECT DURING CONSTRUCTION FOR RELOCATION
88	REMOVE FIXED AUDIENCE SEATING. PREPARE AREA TO RECEIVE NEW SEATING - REFER TO TR-SERIES DWGS.
89	REMOVE MECH RETURN GRILLES - STORE AND PROTECT FOR REINSTALLATION IN SAME WALL AT DIFFERENT ELEVATION. REFER TO INT. ELEVS.
90	REMOVE BATTING CAGE NETTING SYSTEM IN ITS ENTIRETY INCLUDING BUT NOT LIMITED TO SUPPORT STRUCTURE, WINCHES, ETC.
91	REMOVE TENNIS WALL STRUCTURE IN ITS ENTIRETY INCLUDING BUT NOT LIMITED TO SUPPORT STRUCTURE, ANCHORAGE, ADHESIVES, ETC. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
92	REMOVE EIFS SOFFIT AT ROOF OVERHANG - REFER TO NEW ROOF EDGE DETAIL FOR ASSOCIATED WORK.
93	REMOVE DIVING BOARD AND ASSOCIATED BASE IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
94	REMOVE PORTION OF STORAGE BENCH TO JOINT OF HINGED TOP PANEL AS REQUIRED FOR ACCESS TO NEW DOOR OPENING IN EXTERIOR WALL. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
95	REMOVE CRACKED TILES ON POOL DECK - REFER TO UNIT FLOOR PLAN FOR FURTHER DEFINITION OF AREAS.
96	REMOVE WOOD WAINSCOT FROM WALL SURFACE. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
97	REMOVE WOOD BLOCKING AROUND LOADING DOCK OPENING. PREPARE WALL SURFACE TO RECEIVE NEW LOADING DOCK SEALS.
98	02 41 16 - STRUCTURAL DEMOLITION: REMOVE BUILDING CONNECTION (HATCHED AREA) IN ITS ENTIRETY, INCLUDING FOUNDATIONS, SLABS, ROOFING, AND ASSOCIATED STRUCTURE. MAINTAIN HVAC PIPING FROM THE HIGH SCHOOLTO J.E.L. BUILDING - REFER TO M-SERIES DWGS FOR SCOPE OF WORK WITH THESE PIPES. COORDINATE STRUCTURE DEMOLITION WITH CONSTRUCTION MANAGER TO KEEP SERVICES INTACT FOR J.E.L. BUILDING AS REQUIRED. REFER TO MEPT SERIES DWGS FOR ASSOCIATED DEMOLITION SCOPE. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
99	REMOVE DECORATIVE GLAZING FROM APPLICABLE PANES. PREPARE FRAME TO RECEIVE NEW GLAZING IN THESE OPENINGS.
100	REMOVE WOOD FLOORING IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN, PREP AREA TO RECEIVE NEW FLOOR FINISH.
101	NOT USED - REFER TO DOOR SCHEDULE.
102	REMOVE DOOR PANEL AND ASSOCIATED HARDWARE FROM EXISTING FRAME TO REMAIN. PATCH AND REPAIR FRAME TO REMAIN.
103	SCIENCE CLASSROOM INTERIOR FINISHES ALTERNATE - APPLY DEMO NOTES 3, 36, AND 35/47 (DEPENDING ON EXISTING CONDITIONS - VIF) TO THIS ROOM. TEMPORARILY DISCONNECT TABLES AS NEEDED TO DEMOLISH FLOOR FINISH
104	REMOVE EXISTING DARK ROOM SINK BASIN, INCLUDING COUNTERTOP AND SUPPORT BRACKETS. STORE AND PROTECT FOR RELOCATION IN NEW CONSTRUCTION. REF P-SERIES DRAWINGS FOR PLUMBING SCOPE. A2.3



2A FIRST FLOOR DEMOLITION - UNIT K

1/8" = 1'-0"

SCHMIDT ASSOCIATES

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Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced SLS DJK

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#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

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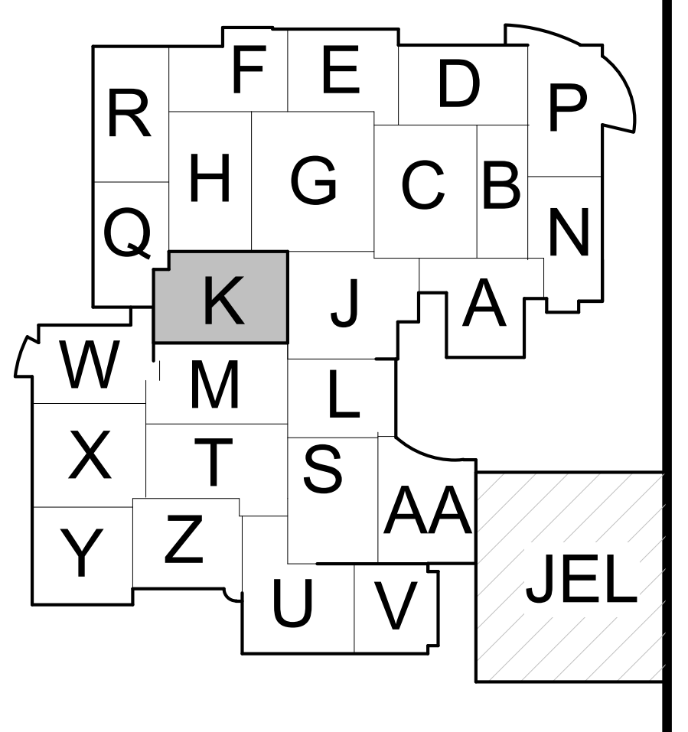


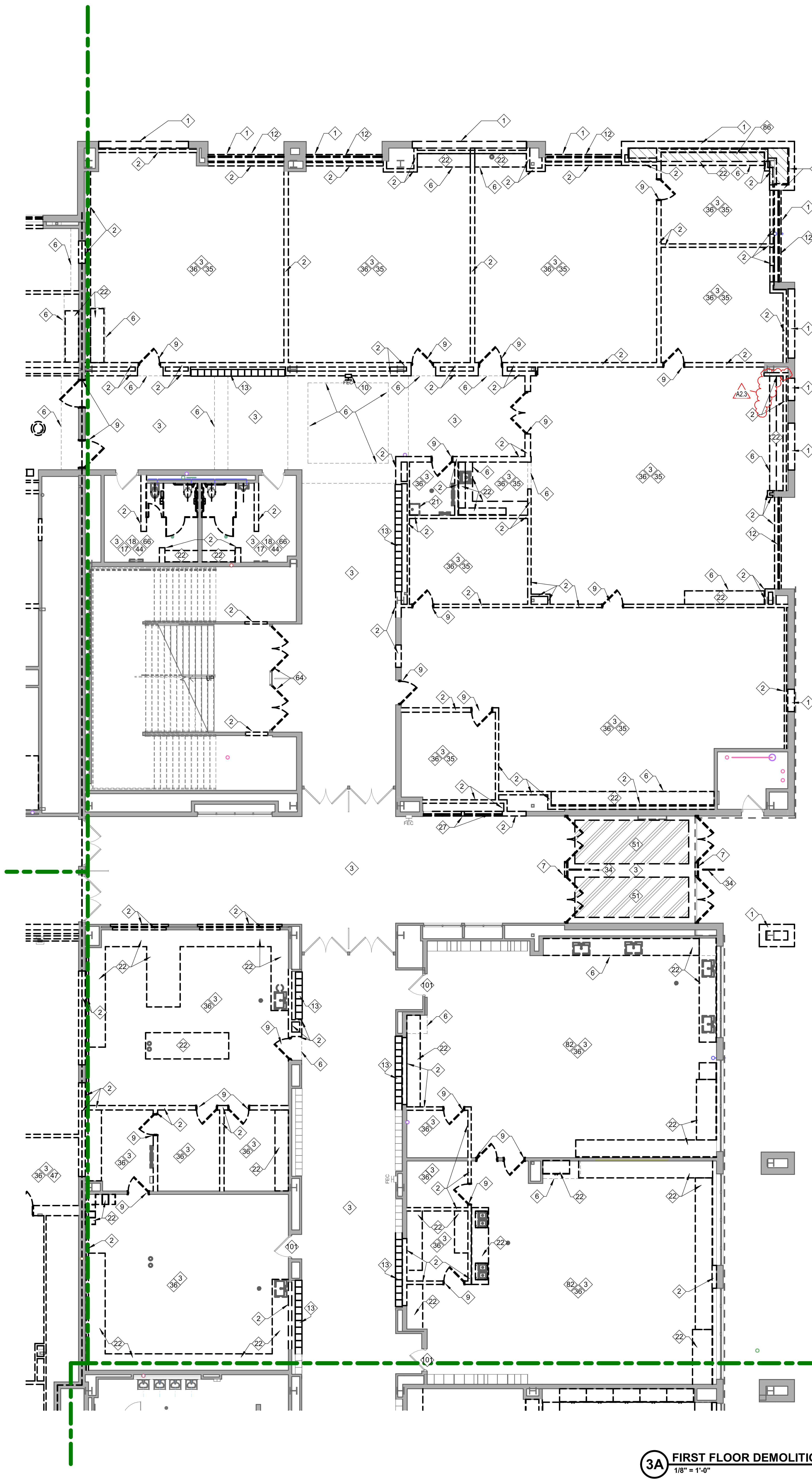
KEY PLAN

M.S.D. of Washington Township

North Central High School Renovation - Additions Phase 3

FIRST FLOOR DEMOLITION PLAN - UNIT K

AD1K1.3



3A FIRST FLOOR DEMOLITION PLAN-UNIT P
1/8" = 1'-0"

DEMOLITION FLOOR PLAN NOTES

Refer to sheet A-001.3 for general demolition notes that apply to all demo work.

#	NOTE
1	REMOVE EXISTING EXTERIOR WALL CONSTRUCTION TO 8" BELOW FINISH FLOOR LINE IN ITS ENTIRETY TO LIMITS INDICATED. REMOVE ALL DOORS, FRAMES, WINDOWS AND MISCELLANEOUS FRAMING IN ITS ENTIRETY. PROTECT ALL EXISTING STRUCTURAL MEMBERS TO REMAIN. PREPARE ADJACENT SURFACES TO REMAIN FOR NEW WORK. REFERENCE A-SERIES AND I-SERIES FLOOR PLANS FOR FINISH CONDITIONS. REFER TO SECTION(S) FOR FURTHER DEFINITION OF DEMOLITION WORK.
2	REMOVE EXISTING INTERIOR WALL CONSTRUCTION IN ITS ENTIRETY TO LIMITS INDICATED INCLUDING, BUT NOT LIMITED TO, DOORS, FRAMES, WINDOWS AND ALL MISCELLANEOUS FRAMING. FIELD VERIFY ALL EXISTING WALL CONSTRUCTION PRIOR TO DEMOLITION. REFER TO ARCHITECTURAL AND INTERIOR FLOOR PLANS FOR FINISH CONDITIONS AND DIMENSIONS. NEW CONSTRUCTION TO TOOTH-IN TO EXISTING MASONRY COURSING WHERE APPLICABLE. PATCH AND REPAIR EXISTING ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION.
3	REMOVE EXISTING SUSPENDED LAY-IN PANEL CEILING SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE CEILING PADS, GRID, SUSPENSION WIRES, AND ALL RELATED ANCHORS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
4	REMOVE EXISTING GYPSUM BOARD CEILING SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE GYPSUM BOARD, SUSPENDED FRAMING AND ALL RELATED ANCHORS/FASTENERS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
5	EXISTING EXPOSED STRUCTURE AND ROOF DECK TO REMAIN. PREP FOR NEW CONSTRUCTION, REFERENCE AC-SERIES DRAWINGS FOR NEW CEILING(S) AND I-SERIES DRAWINGS FOR NEW FINISH(ES).
6	REMOVE EXISTING GYPSUM BOARD BULKHEAD IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE GYPSUM BOARD, STUD FRAMING AND ALL ASSOCIATED ANCHORS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
7	REMOVE EXISTING STOREFRONT/ENTRY SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE GLAZING, FRAMING, SEALANTS, DOORS, HARDWARE AND ALL RELATED ANCHORS. PATCH AND REPAIR ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
8	REMOVE SLAB IN HATCHED AREA AS REQUIRED FOR NEW SLAB/PLATFORM. REFER TO S-SERIES DRAWINGS
9	REMOVE EXISTING DOOR SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE DOOR, FRAME, SIDELIGHTS, GLAZING, HARDWARE AND ALL RELATED ANCHORS. PREP EXISTING OPENING FOR NEW CONSTRUCTION. PATCH AND REPAIR ALL ADJACENT SURFACES TO REMAIN FOR NEW CONSTRUCTION/FINISH.
10	REMOVE EXISTING FIRE EXTINGUISHER CABINET AND EXTINGUISHER AND TURN THEM OVER TO THE OWNER IN GOOD WORKING CONDITION
11	REMOVE EXISTING OPERABLE PARTITION SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE OPERABLE PARTITION PANELS, TRIMS, TRACK, SUPPORTS AND ALL RELATED ANCHORS. PATCH AND REPAIR ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
12	REMOVE EXISTING STOREFRONT AND/OR CURTAINWALL SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE GLAZING, SPANDREL PANELS, WINDOW FRAME, SEALANTS, AND ALL RELATED ANCHORS. PATCH AND REPAIR ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
13	REMOVE EXISTING CORRIDOR LOCKER(S) IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE LOCKERS, TRIMS, CURB, BULKHEAD AND ALL ASSOCIATED ANCHORS TO LIMITS INDICATED. PROTECT ADJACENT LOCKERS, CURBS AND BULKHEAD TO REMAIN. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION.
14	REMOVE EXISTING LOCKER(S) IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE LOCKERS, TRIMS, SLOPED TOPS, CURB AND ALL ASSOCIATED ANCHORS TO LIMITS INDICATED. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION.
15	REMOVE EXISTING WOOD BENCHES IN THEIR ENTIRETY INCLUDING, BUT NOT LIMITED TO THE BENCH, STEEL PEDESTALS, STEEL MOUNTING PLATES AND ALL RELATED ANCHORS. PATCH AND REPAIR EXISTING FLOOR SURFACES AND PREP FOR NEW CONSTRUCTION/FINISH.
16	REMOVE EXISTING WALL MOUNTED TACK BOARDS, MARKERBOARDS, CHALKBOARDS ADHESIVES, ANCHORS AND ALL RELATED ACCESSORIES IN THEIR ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH. SEE A-SERIES AND I-SERIES DRAWINGS.
17	REMOVE EXISTING TOILET PARTITIONS AND URINAL PARTITIONS IN THEIR ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
18	REMOVE EXISTING TOILETS, SINKS, URINALS AND ALL RELATED ACCESSORIES IN THEIR ENTIRETY INCLUDING, BUT NOT LIMITED TO TOILET PAPER DISPENSERS, GRAB BARS, MIRRORS AND SOAP DISPENSERS. PATCH AND REPAIR ALL EXISTING SURFACES TO REMAIN. PREP FOR NEW CONSTRUCTION/FINISH. SEE P-SERIES DRAWINGS FOR PLUMBING SCOPE.
19	REMOVE EXISTING DRINKING FOUNTAIN(S) IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE DRINKING FOUNTAIN, SEALANTS, PIPING, POWER AND ALL RELATED ANCHORS. SEE P-SERIES DRAWINGS.
20	REMOVE FREEZER/COOLER UNITS IN THEIR ENTIRETY. PREPARE AREA FOR NEW CONSTRUCTION.
21	REMOVE EXISTING SERVICE SINK IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH. SEE P-SERIES DRAWINGS FOR PLUMBING SCOPE.
22	REMOVE EXISTING CASEWORK IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO WALL CABINETS, BASE CABINETS, COUNTERTOPS, FILL PANELS, SINKS AND ALL RELATED TRIMS. PATCH AND REPAIR ALL EXISTING ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
23	REMOVE EXISTING COUNTERTOP AND SUPPORT BRACKETS IN THEIR ENTIRETY AND ALL RELATED ANCHORS AND SEALANTS. PATCH AND REPAIR EXISTING WALL SURFACE TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
24	REMOVE EXISTING RAMP/STAIR, RAILING, LANDING IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACE TO REMAIN. PREP FOR NEW CONSTRUCTION. COORDINATE DEMOLITION WITH S-SERIES DWGS.
25	REMOVE EXISTING CONCRETE FLOOR SLAB IN ITS ENTIRETY TO LIMITS INDICATED. REFERENCE MEP-SERIES DRAWINGS FOR ADDITIONAL INFORMATION. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING BUILDING CONDITIONS IN THE FIELD.
26	REMOVE EXISTING WOOD STEP/BENCH CONSTRUCTION, INCLUDING BUT NOT LIMITED TO ANY ASSOCIATED BLOCKING, ADHESIVE, AND FLOOR FINISH. PREP REMAINING CONSTRUCTION FOR NEW WORK
27	REMOVE EXISTING DISPLAY CASE IN ITS ENTIRETY, INCLUDING BUT NOT LIMITED TO DOORS, SHELVES, AND ANY ASSOCIATED ACCESSORIES. PREP OPENING FOR NEW CONSTRUCTION
28	REMOVE EXISTING RECEPTION DESK IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE COUNTERTOP, BASE CABINETS, CMU/STUD SUPPORT WALLS, WALL BASE AND ALL RELATED ANCHORS. PATCH AND REPAIR EXISTING WALL AND FLOOR SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
29	REMOVE EXISTING OVERHEAD COILING COUNTERTOP DOOR OR GRILLE INCLUDING, BUT NOT LIMITED TO, DOOR, TRACK, OPERATOR, AND ANY ASSOCIATED HANGERS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREP OPENING FOR NEW CONSTRUCTION
30	REMOVE EXISTING OVERHEAD COILING DOOR OR GRILLE INCLUDING BUT NOT LIMITED TO DOOR, TRACK, OPERATOR, AND ANY ASSOCIATED HANGERS OR OTHER ACCESSORIES. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREP OPENING FOR NEW CONSTRUCTION.
31	REMOVE EXISTING DUMBWAITER SYSTEM INCLUDING BUT NOT LIMITED TO DOORS, CARRIAGE, MECHANICAL COMPONENTS, AND TRACK.
32	REMOVE EXISTING SINK BASIN(S), INCLUDING COUNTERTOP AND SUPPORT BRACKETS. PATCH AND REPAIR ALL EXISTING SURFACES TO REMAIN. PREP FOR NEW CONSTRUCTION/FINISH. SEE P-SERIES DRAWINGS FOR PLUMBING SCOPE.
33	REMOVE EXISTING WALL BELOW OPENING TO 8" BELOW FLOOR. REMOVE WALL AT TOP OF OPENING TO FORM RIGHT ANGLES AT BOTH CORNERS.PREP SURFACES FOR NEW CONSTRUCTION. REF INTERIOR ELEVATIONS.
34	REMOVE EXISTING RAILING IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACE TO REMAIN. PREP FOR NEW CONSTRUCTION.
35	REMOVE EXISTING CARPET FLOOR FINISH IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE CARPET, ADHESIVES/TACK STRIPS, TRANSITION STRIPS AND ALL ASSOCIATED WALL BASE. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
36	REMOVE EXISTING WALLCOVERING IN ITS ENTIRETY INCLUDING ADHESIVES. PATCH AND REPAIR ALL EXISTING SURFACES TO REMAIN. PREP EXISTING SURFACES FOR NEW CONSTRUCTION/FINISH.
37	REMOVE EXISTING CONCRETE TIERS AND ASSOCIATED FRAMING/SUPPORT SYSTEM IN ITS ENTIRETY TO LIMITS INDICATED. REFERENCE MEP-SERIES DRAWINGS FOR ADDITIONAL INFORMATION. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING BUILDING CONDITIONS IN THE FIELD.

DEMOLITION HATCHING LEGEND

Notes	Type	Hatch	Notes	Type	Hatch
8, 25, 37, 53, 86	Concrete Floor Slabs/Tiers Demolition	▨	50	Composite Slab Demolition	▦
26, 65, 100	Platform/Wood Construction Demolition	▧	42, 51, 70, 95	Miscellaneous Demolition	▨
74, 98	Structural Demolition	▩	55, 75, 80	Protect During Demolition/ Construction	■

DEMOLITION FLOOR PLAN NOTES

Refer to sheet A-001.3 for general demolition notes that apply to all demo work.

#	NOTE
38	REMOVE EXISTING RAMP/STAIR, RAILING, LANDING IN ITS ENTIRETY ON FIRST AND SECOND FLOOR. LOWER LEVEL RAMP/STAIR, RAILING, LANDING, AND SECOND FLOOR LANDING TO REMAIN. PATCH AND REPAIR EXISTING SURFACE TO REMAIN. PREP FOR NEW CONSTRUCTION.
39	REMOVE ART HOOD. PREPARE HOOD DUCTWORK TO RECEIVE NEW CONSTRUCTION. REFER TO M-SERIES DWGS
40	REMOVE BLEACHERS IN THEIR ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREP FOR NEW CONSTRUCTION.
41	REMOVE EXISTING URINAL(S) AND ALL RELATED ACCESSORIES IN THEIR ENTIRETY. PATCH AND REPAIR ALL EXISTING SURFACES TO REMAIN. PREP FOR NEW CONSTRUCTION/FINISH. SEE P-SERIES DRAWINGS FOR PLUMBING SCOPE.
42	09 30 00 - REPLACE DAMAGED FLOOR/WALL TILES IN SHADED AREA WITH TILES AND PATTERN TO MATCH EXISTING. PROVIDE "X" SQUARE FEET ("X" INDICATED ON DEMO PLANS) OF TILE REPLACEMENT AT LOCATIONS INDICATED. CONFIRM TILE TYPE AND PATTERN IN THE FIELD. CONFIRM FINAL EXTENTS AT EACH AREA OF CRACKED TILE WITH ARCHITECT IN THE FIELD.
43	REMOVE QUARRY TILE FLOORING AND ASSOCIATED SETTING BED AND BASE. PREPARE AREA TO RECEIVE NEW CONSTRUCTION
44	REMOVE CERAMIC WALL TILE ON ALL WALLS IN THIS ROOM. PREPARE SURFACES TO RECEIVE NEW FINISH.
45	REMOVE FOOD SERVICE EQUIPMENT. STORE AND PROTECT ITEMS TO BE RELOCATED PER QK SERIES DWGS.
46	GENERAL CLASSROOM INTERIOR FINISHES ALTERNATE - APPLY DEMO NOTES 3, 22, 35, AND 36 TO THIS ROOM.
47	REMOVE VCT FLOORING IN ITS ENTIRETY INCLUDING ADHESIVES, TRANSITIONS, AND ALL ASSOCIATED WALL BASE. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREP FOR NEW CONSTRUCTION.
48	REMOVE CERAMIC COVE BASE WALL TILE ON ALL WALL BASES IN THIS ROOM. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP TO RECEIVE NEW CONSTRUCTION/FINISH.
49	REMOVE EXISTING SHOWER CURB IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
50	REMOVE COMPOSITE FLOOR SLAB AND ASSOCIATED FRAMING IN HATCHED AREA. REFER TO S-SERIES DWGS.
51	REMOVE RECESSED FLOOR MAT IN ITS ENTIRETY. INFILL RECESS WITH TOPPING SLAB TO LEVEL OUT TO EXISTING ADJACENT FLOOR. PREPARE AREA TO RECEIVE NEW CONSTRUCTION.
52	REMOVE ALL LIBRARY SHELVING FROM THIS ROOM. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREP FOR NEW CONSTRUCTION/FINISH
53	REMOVE SLAB ON GRADE IN HATCHED AREAS FOR INSTALLATION OF NEW FOOTINGS, ETC. REFER TO S-SERIES DWGS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
54	REMOVE PORCELAIN WALL TILE AND ASSOCIATED ADHESIVE AND TACKWALL. PREPARE SURFACES FOR NEW CONSTRUCTION.
55	PROTECT TERRAZZO MEDALLION DURING CONSTRUCTION.
56	REMOVE 3-SIDED GLASS DISPLAY CASE IN ITS ENTIRETY INCLUDING BASE. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREP FOR NEW FINISH
57	REMOVE PANTHER SCULPTURE - STORE AND PROTECT FOR RELOCATION INTO PHASE 2 UNIT W SECOND FLOOR.
58	REMOVE INTERIOR PLANTS AND ASSOCIATED SOIL. PREPARE PLANTERS TO RECEIVE NEW CONSTRUCTION.
59	REMOVE SCHOOL WOOD CREST - STORE AND PROTECT FOR RELOCATION IN NEW CONSTRUCTION.
60	REMOVE WOOD PANELING SYSTEM INCLUDING FASTENERS, ADHESIVES, TRIM, ETC. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
61	K HALL ELEVATOR ALTERNATE: REMOVE TRACTION ELEVATOR IN ITS ENTIRETY INCLUDING ALL ASSOCIATED COMPONENTS AND MACHINERY. PREPARE SHAFT TO RECEIVE NEW ELEVATOR CONSTRUCTION.
62	REMOVE ACOUSTICAL CEILING PANELS FROM EXISTING GRID (ABOVE). PREPARE GRID TO RECEIVE NEW CEILING PANELS.
63	REMOVE BUILDING PLAQUE. STORE AND PROTECT FOR RELOCATION IN NEW CONSTRUCTION.
64	REMOVE DOOR PANEL(S) AND ASSOCIATED HARDWARE FROM EXISTING FRAME TO REMAIN. PREP FRAME TO RECEIVE NEW DOOR PANEL(S) - REFER TO DOOR SCHEDULE.
65	REMOVE PLATFORM CONSTRUCTION IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREP FOR NEW CONSTRUCTION/FINISH
66	REMOVE CERAMIC TILE MOSAIC FLOORING IN ITS ENTIRETY INCLUDING GROUT, ADHESIVE, AND ASSOCIATED WALL BASE. PREP AREA TO RECEIVE NEW FLOORING. MOSAIC FLOOR TILE WALL BASE TO REMAIN AROUND CORRIDOR DRINKING FOUNTAIN LOCATIONS. REFERENCE I-501.3 FOR SCOPE OF WORK AND TYPICAL CORRIDOR DRINKING FOUNTAIN CONDITIONS. A2.3
67	MAIN GYM RAILING ALTERNATE: REMOVE EXISTING RAILING IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACE TO REMAIN. PREP FOR NEW CONSTRUCTION.
68	REMOVE ELEC. AIR DRYER. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
69	REMOVE PREFABRICATED MUSIC PRACTICE ROOM, PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
70	REMOVE BLEACHERS IN THEIR ENTIRETY. TAKE CARE TO DISCONNECT SPRINKLER LINES UNDER THE BLEACHERS PRIOR TO REMOVAL. COORDINATE WITH CM AND SPRINKLER CONTRACTOR. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREPARE TO RECEIVE NEW BLEACHER CONSTRUCTION.
71	REMOVE WALL PADS IN THEIR ENTIRETY AND ASSOCIATED FASTENERS, ADHESIVES, ETC. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. PREPARE AREA TO RECEIVE NEW CONSTRUCTION.
72	BASE BID: REMOVE GATE(S)/RAILING(S) TO EXTENTS INDICATED. REFERENCE AF1K2.3 FOR DETAILS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH
73	COORDINATE REMOVAL OF BANNERS AND OTHER WALL ADORNMENTS WITH OWNER AS REQUIRED FOR RE-PAINTING OF WALLS IN THIS ROOM.
74	02 41 16 - SELECTIVE STRUCTURAL DEMOLITION. REF S-SERIES DRAWINGS FOR EXTENTS. COORD. W/ MEPT SERIES DWGS FOR REMOVAL OF UTILITIES AND WHICH SYSTEMS TO REMAIN INTACT DURING CONSTRUCTION.
75	EXISTING PLUMBING PIPE TO REMAIN. PROTECT LINE DURING DEMOLITION OF ADJACENT CONSTRUCTION. REFER TO P-SERIES DWGS.
76	REMOVE ALL WALL MOUNTED ITEMS IN THIS ROOM ON WALLS SHOWN TO REMAIN, INCLUDING BUT NOT LIMITED TO MARKERBOARDS, TACKBOARDS, SHELVES, BRACKETS, ETC. PATCH AND REPAIR EXISTING SURFACES TO REMAIN
77	REMOVE COLUMN ENCLOSURE WALL CONSTRUCTION IN ITS ENTIRETY.
78	REMOVE EXISTING RECESSED CAN LIGHTS AND PREPARE OPENING TO RECEIVE NEW FLUSH PLASTER CEILING INFILL. REFER TO E-SERIES AND T-SERIES DWGS.
79	REMOVE EXISTING CEILING MOUNTED PIPE BATTENS IN THEIR ENTIRETY AND PREPARE SUPPORT LEG OPENINGS TO RECEIVE NEW FINISH PLASTER CEILING INFILL. REFER TO E-SERIES AND T-SERIES DWGS.
80	PROTECT ATHLETIC WOOD FLOORING DURING CONSTRUCTION
81	REMOVE EXTERIOR DOOR SIGNAGE. PREPARE WALL SURFACE FOR NEW SIGNAGE. REFER TO UNIT FLOOR PLANS.
82	EXTENSIVE SLAB DEMOLITION IN THIS AREA. REFER TO P-SERIES DWGS FOR EXTENTS.
83	REMOVE WIRE MESH PARTITION SYSTEM IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
84	REMOVE LIMESTONE SCHOOL CREST. STORE AND PROTECT FOR RELOCATION IN NEW CONSTRUCTION. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND TO MATCH EXISTING ADJACENT WALL CONSTRUCTION.
85	REMOVE EXISTING METAL PANEL OVERHANG AND ASSOCIATED FRAMING/STRUCTURE. REFER TO S-SERIES DWGS AND WALL SECTIONS.
86	REMOVE CONCRETE FLOOR SLAB TO ALIGN WITH NEW EXTERIOR WALL FACE - REFER TO WALL SECTIONS IN THIS AREA.
87	REMOVE EXISTING FUME HOOD IN ITS ENTIRETY INCLUDING BUT NOT LIMITED TO BASE CABINET, PIPING, DUCTWORK, SHROUDS, ETC. REFER TO MEP SERIES DWGS FOR WORK TO ASSOCIATED SERVICES. STORE AND PROTECT DURING CONSTRUCTION FOR RELOCATION
88	REMOVE FIXED AUDIENCE SEATING. PREPARE AREA TO RECEIVE NEW SEATING - REFER TO TR-SERIES DWGS.
89	REMOVE MECH RETURN GRILLES - STORE AND PROTECT FOR REINSTALLATION IN SAME WALL AT DIFFERENT ELEVATION. REFER TO INT. ELEVS.
90	REMOVE BATTING CAGE NETTING SYSTEM IN ITS ENTIRETY INCLUDING BUT NOT LIMITED TO SUPPORT STRUCTURE, WINCHES, ETC.
91	REMOVE TENNIS WALL STRUCTURE IN ITS ENTIRETY INCLUDING BUT NOT LIMITED TO SUPPORT STRUCTURE, ANCHORAGE, ADHESIVES, ETC. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
92	REMOVE EIFS SOFFIT AT ROOF OVERHANG - REFER TO NEW ROOF EDGE DETAIL FOR ASSOCIATED WORK.
93	REMOVE DIVING BOARD AND ASSOCIATED BASE IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
94	REMOVE PORTION OF STORAGE BENCH TO JOINT OF HINGED TOP PANEL AS REQUIRED FOR ACCESS TO NEW DOOR OPENING IN EXTERIOR WALL. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
95	REMOVE CRACKED TILES ON POOL DECK - REFER TO UNIT FLOOR PLAN FOR FURTHER DEFINITION OF AREAS.
96	REMOVE WOOD WAINSCOT FROM WALL SURFACE. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
97	REMOVE WOOD BLOCKING AROUND LOADING DOCK OPENING. PREPARE WALL SURFACE TO RECEIVE NEW LOADING DOCK SEALS.
98	02 41 16 - STRUCTURAL DEMOLITION: REMOVE BUILDING CONNECTION (HATCHED AREA) IN ITS ENTIRETY, INCLUDING FOUNDATIONS, SLABS, ROOFING, AND ASSOCIATED STRUCTURE. MAINTAIN HVAC PIPING FROM THE HIGH SCHOOLTO J.E.L. BUILDING - REFER TO M-SERIES DWGS FOR SCOPE OF WORK WITH THESE PIPES. COORDINATE STRUCTURE DEMOLITION WITH CONSTRUCTION MANAGER TO KEEP SERVICES INTACT FOR J.E.L. BUILDING AS REQUIRED. REFER TO MEPT SERIES DWGS FOR ASSOCIATED DEMOLITION SCOPE. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
99	REMOVE DECORATIVE GLAZING FROM APPLICABLE PANES. PREPARE FRAME TO RECEIVE NEW GLAZING IN THESE OPENINGS.
100	REMOVE WOOD FLOORING IN ITS ENTIRETY. PATCH AND REPAIR EXISTING SURFACES TO REMAIN, PREP AREA TO RECEIVE NEW FLOOR FINISH.
101	NOT USED - REFER TO DOOR SCHEDULE.
102	REMOVE DOOR PANEL AND ASSOCIATED HARDWARE FROM EXISTING FRAME TO REMAIN. PATCH AND REPAIR FRAME TO REMAIN.
103	SCIENCE CLASSROOM INTERIOR FINISHES ALTERNATE - APPLY DEMO NOTES 3, 36, AND 35/47 (DEPENDING ON EXISTING CONDITIONS - VIF) TO THIS ROOM. TEMPORARILY DISCONNECT TABLES AS NEEDED TO DEMOLISH FLOOR FINISH
104	REMOVE EXISTING DARK ROOM SINK BASIN, INCLUDING COUNTERTOP AND SUPPORT BRACKETS. STORE AND PROTECT FOR RELOCATION IN NEW CONSTRUCTION. REF P-SERIES DRAWINGS FOR PLUMBING SCOPE. A2.3

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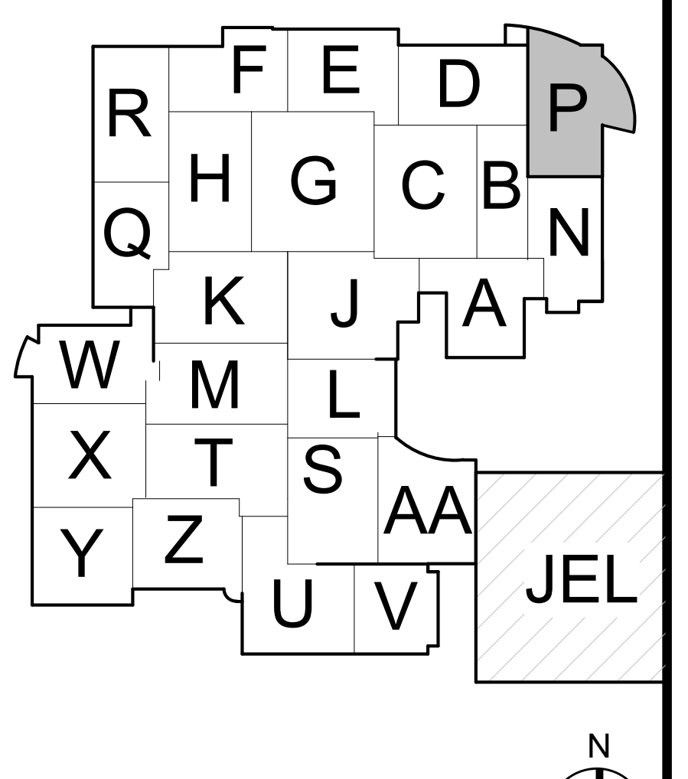
Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced SLS DJK

SARAH KATHLEEN HEMPSTEAD
NO. AR10400134

Sarah K Hempstead

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

1801 East 86th Street
Indianapolis, IN 46240



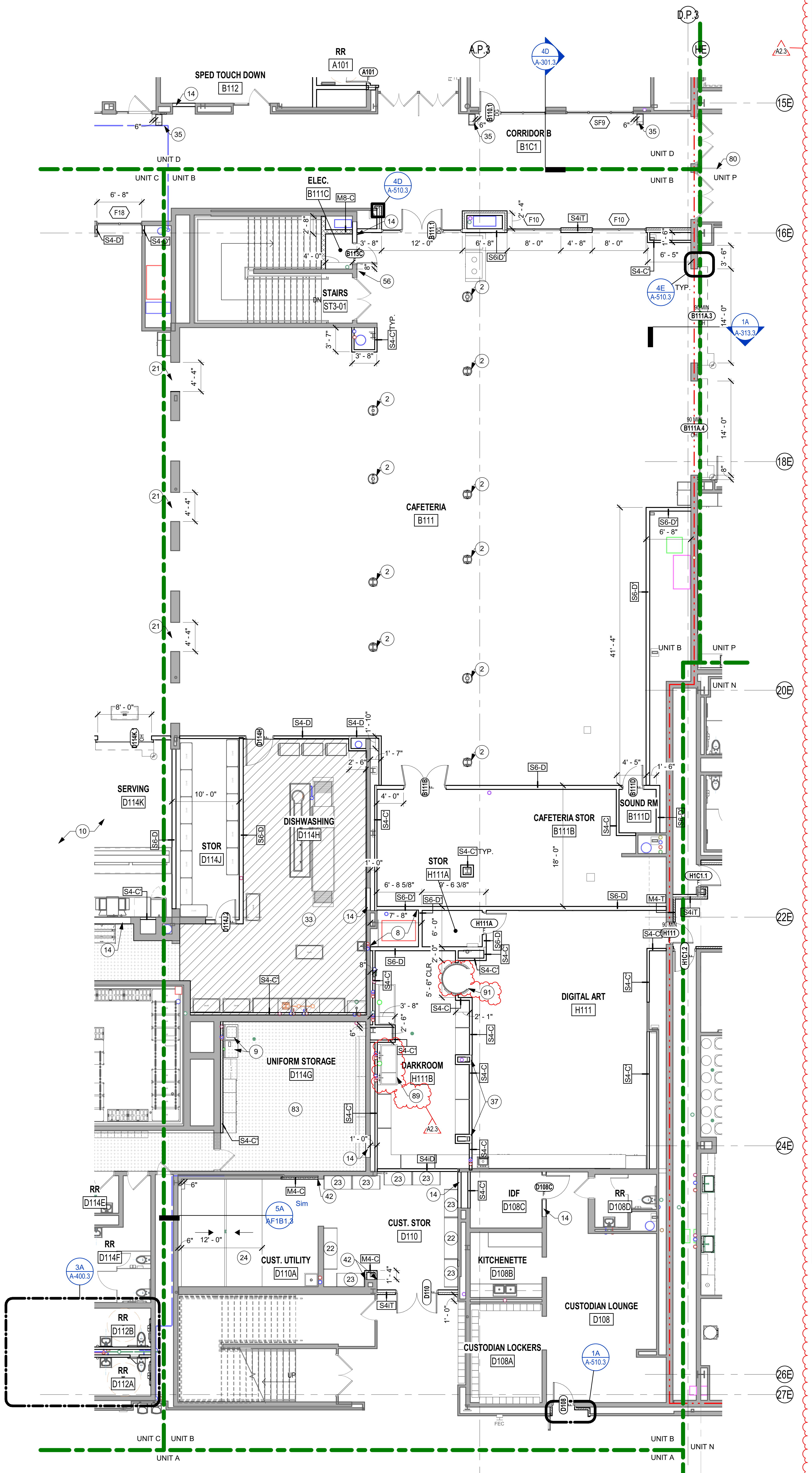
KEY PLAN

M.S.D. of Washington Township

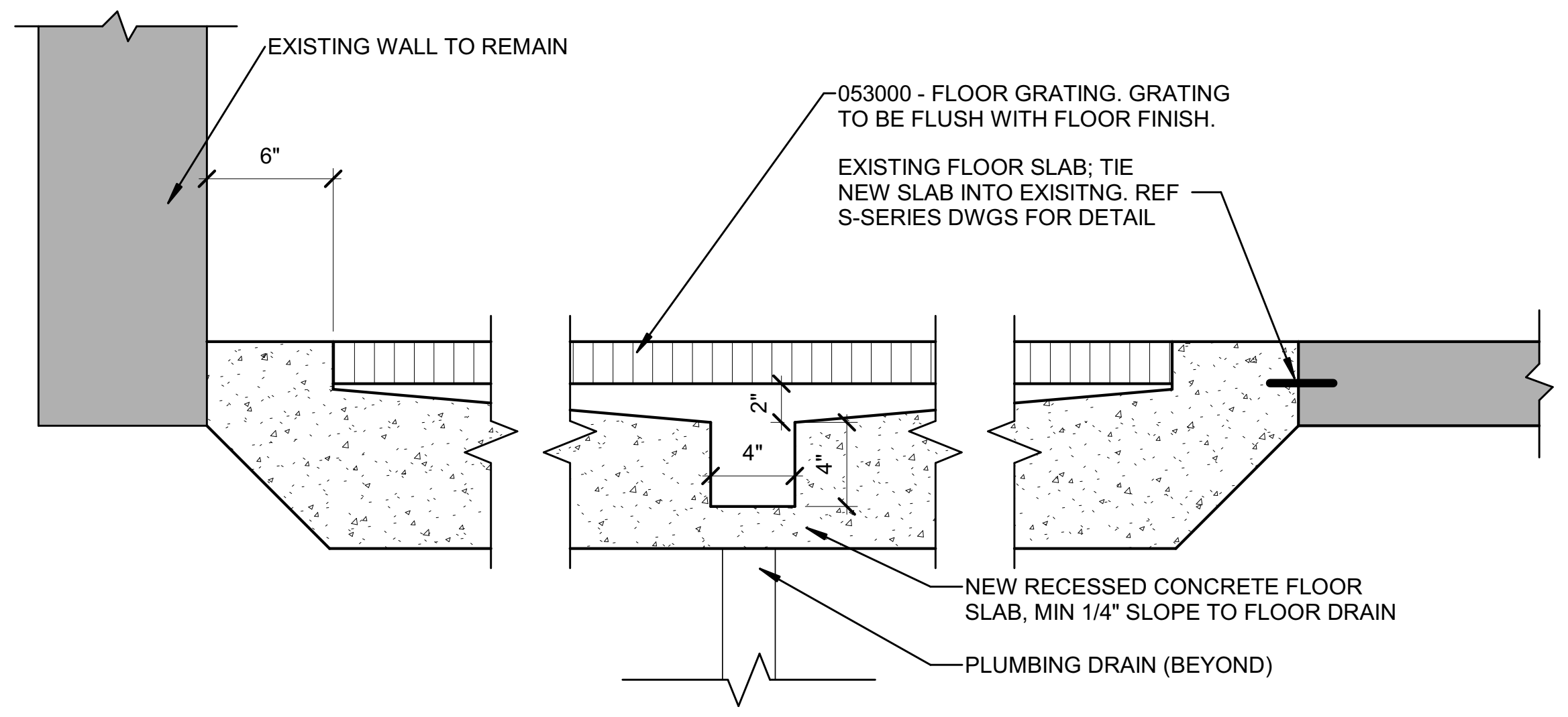
North Central High School Renovation - Additions Phase 3

FIRST FLOOR DEMOLITION PLAN - UNIT P

AD1P1.3



2A FIRST FLOOR PLAN - UNIT B
1/8" = 1'-0"



5A NEW RECESSED SLAB
1 1/2" = 1'-0"

FLOOR PLAN NOTES

Refer to sheet A-001.3 for general plan notes that apply to all plan work.

#	Note
1	NEW FLOOR SLAB - REF S-SERIES DWGS
2	057500 - METAL COLUMN COVER, 16" DIAMETER.
3	FLOOR INFILL - REFER TO S-SERIES DWGS
4	079500 - INTERIOR FLOOR-TO-FLOOR EXPANSION JOINT SYSTEM.
5	102219 - FOLDING PANEL PARTITION
6	111316 - NEW LOADING DOCK SEALS ON EXISTING OPENING.
7	EXISTING TRASH COMPACTOR TO REMAIN
8	CUT EXISTING FLOOR SLAB FOR NEW MECHANICAL CHASE, REF S-SERIES DWGS
9	WASHER AND DRYER, OWNER PROVIDED
10	114000 - FOOD SERVICE EQUIPMENT- REF Q-SERIES DWGS
11	033000 - TOPPING SLAB INFILL OF RECESSED FLOOR MAT AREA. PREP AREA TO RECEIVE NEW FLOOR MATERIAL.
12	088300 - WALL MIRRORS 6'-0" TALL, 3'-3" WIDE MAX. EQUALLY SPACE JOINTS. MOUNT 1'-0" A.F.F.
13	122200 - WALL MOUNTED TRACK CURTAINS. LENGTH TO CONCEAL MIRRORS. MOUNT TRACK AT 10'-0" A.F.F.
14	INFILL OPENING WITH WALL TO MATCH SURROUNDING/ADJACENT WALL CONSTRUCTION. VERIFY EXISTING WALL CONDITIONS/CONSTRUCTION AND DIMENSIONS IN THE FIELD. ALIGN THE FACE OF THE NEW INFILL WALL WITH THE ADJACENT EXISTING WALL FACE. TOOTH NEW MASONRY INTO EXISTING CONSTRUCTION WHERE APPLICABLE
15	088300 - 48" X 54" MIRROR MOUNTED AT 2'-6" A.F.F.
16	088300 - 24" H CONTINUOUS MIRROR MOUNTED 4" ABOVE COUNTERTOP. 40" MAX TO BOTTOM OF REFLECTIVE SURFACE
17	BASE BID: INFILL EXISTING OPENING TO MATCH ADJACENT RAILING. MODIFY GUARDRAIL AS REQUIRED TO CREATE SEAMLESS TRANSITION.
18	079500 - INTERIOR FLOOR-TO-WALL EXPANSION JOINT SYSTEM. EXTEND LENGTH OF WALL.
19	116623 - GYMNASIUM ATHLETIC WALL PADS
20	079500 - INTERIOR WALL-TO-WALL EXPANSION JOINT SYSTEM. EXTEND FROM FLOOR TO CEILING.
21	NEW OPENING IN EXISTING WALL. REF DEMO PLANS AND INTERIOR ELEVATIONS
22	120890.99 - INDUSTRIAL SHELVING UNITS, 72"W X 24"D X 96" H EACH
23	120890.99 - INDUSTRIAL SHELVING UNITS, 48"W X 24"D X 96" H EACH
24	055300 - FLOOR GRATING OVER RECESS IN SLAB, REF SECTION DETAIL
25	102213 - WIRE MESH PARTITION AND GATE - FLOOR TO DECK ABOVE
26	042000 - 56" TALL 8" CMU WALL WITH DOUBLE BULLNOSE SOLID CMU CAP. CONFIRM LOCATION OF WALL WITH FOOD SERVICE EQUIPMENT LAYOUT.
27	033000 - 4" CONCRETE FLOOR SLAB - COORDINATE DEPTH WITH FOODSERVICE EQUIPMENT REQUIREMENTS
28	033000 - 4" CONCRETE SLAB, REF S SERIES DWGS
29	033000 - TOPPING SLAB OF RECESSED FLOOR MAT AREA. PREP AREA TO RECEIVE NEW FLOOR MATERIAL.
30	079500 - EXTERIOR WALL TO WALL EXPANSON JOINT COVER
31	079500 - INTERIOR WALL TO WALL CORNER EXPANSION JOINT COVER
32	077100 - METAL DOWNSPOUT, REF ROOF PLAN FOR SIZE. COORD WITH C-SERIES DWGS FOR BOOT CONNECTION.
33	033000 - 4" CONCRETE FLOOR SLAB. REF S-SERIES DWGS
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35	092713 - GFRC TAPERED PIER - REF TYPICAL DETAILS, A-500 SERIES DWGS
36	057500 - METAL COLUMN COVER, 24" DIAMETER.
37	NEW ENCLOSURE AROUND EXISTING COLUMN USING WALL TYPE S4-C'. MAINTAIN 1" MIN. CLEAR AROUND COLUMN. DO NOT ATTACH TO COLUMN.
38	084113 - BRAKE METAL CLOSURE TRIM FROM WALL TO MULLION.
39	105113 - LOCKER TRIM
40	PAPER TOWEL AND SOAP DISPENSERS - OWNER FURNISHED, CONTRACTOR INSTALLED. COORD LOCATION IN FIELD.
41	BASE BID: NEW GATE OPENINGS IN EXISTING RAILING. REF DETAILS. MAIN GYM RAILING ALTERNATE: NEW GUARDRAIL TYPE A WITH OPERABLE GATES.
42	ALIGN FACE OF WALLS
43	LINE OF CANOPY ABOVE
44	CENTER NEW WALL CONSTRUCTION ON COLUMN CENTERLINE
45	092713 - GFRC COLUMN WRAP - REF TYPICAL DETAILS, A-500 SERIES DWGS
46	077100 - 2X2 DOWNSPOUT TO SPLASH BLOCK AT GRADE.
47	K HALL ELEVATOR ALTERNATE: 142400 - NEW ELEVATOR IN EXISTING ELEVATOR SHAFT, REF ENLARGED PLANS AND SECTIONS. V.I.F.
48	064023 - SOLID SURFACE OVER EXISTING PLANTER, REF ENLARGED PLANS AND DETAILS.
49	BALCONY RAILING ALTERNATE: 057300 - GLASS RETROFIT GUARDRAIL ATTACHED TO EXISTING ALUMINUM RAILING, REF TYP DETAILS
50	057300 - STAINLESS STEEL HANDRAIL - REF ENLARGED PLANS AND DETAILS
51	ALIGN RAIL WITH CENTERLINE OF EXISTING AUDITORIUM DOORS.
52	RELOCATED EXISTING FUME HOOD, REF M-SERIES DWGS
53	ALIGN NEW OPENING WITH OPENING ACROSS THE HALL
54	102123 - CUBICLE CURTAIN AND TRACK
55	033000 - COMPOSITE FLOOR INFILL. REF S-SERIES DWGS
56	055000 - CUSTOM FIRE ALARM PULL COVER, REF TYPICAL DETAILS, A-500 DWGS.
57	083323 - OVERHEAD COILING SERVICE DOOR. REF DOOR SCHEDULE AND DETAILS
58	126600 - TELESCOPING STANDS, BANK A
59	126600 - MEDIA PLATFORM
60	096468.99 - REFINISH GYM WOOD FLOORING. REF I-SERIES DWGS FOR FLOOR PATTERNS, ETC.
61	057300 - RAILING TYPE A, REF RAIL TYPES SHEET AND DETAILS
62	126600 - TELESCOPING STANDS, BANK B
63	126600 - TELESCOPING STANDS, BANK C
64	126600 - TELESCOPING STANDS, BANK D
65	NOT USED
66	SHOWER TRENCH DRAIN, REF DETAIL IN A-400 SERIES DWGS. COORD WITH P-SERIES DWGS
67	126600 - TELESCOPING STANDS, BANK E
68	NOT USED
69	SOUTH CANOPY ALTERNATE: CANOPY AND LIGHT WALL CONSTRUCTED AS SHOWN.
70	EAST PERFORMING ARTS ENTRANCE ALTERNATE: REF SHEET A324.3 FOR ALTERNATE
71	NOT USED
72	REMOVE EXISTING STORAGE BENCH AS REQUIRED FOR NEW DOOR. DEMO TO EXISTING SEAM LOCATION. PATCH AND REPAIR WALL SURFACE TO REMAIN. CAP END OF BENCH AND FINISH TO MATCH EXISTING.
73	PAC ADDITIONAL WORK ALTERNATE: 126124 - NEW AUDIENCE SEATING AS SHOWN, REF TS-SEERIES DWGS
74	BASE BID: CONSTRUCT STAGE ACCESS AND STAIR AS SHOWN, MODIFY EXISTING AUDIENCE SEATING AS REQUIRED FOR NEW CONSTRUCTION. REF A-400 SERIES DWGS.
75	REF SHEET AF1S2 FOR CLERESTORY PLAN OF THIS ROOM
76	09 30 00 - REPLACE DAMAGED FLOOR/WALL TILES IN SHADED AREA WITH TILES AND PATTERN TO MATCH EXISTING. PROVIDE "X" SQUARE FEET ("X" INDICATED ON DEMO PLANS) OF TILE REPLACEMENT AT LOCATIONS INDICATED. CONFIRM TILE TYPE AND PATTERN IN THE FIELD. CONFIRM FINAL EXTENTS AT EACH AREA OF CRACKED TILE WITH ARCHITECT IN THE FIELD.
77	064023 - WOOD PANELING AND WAINSCOT, ALL SIDES OF COLUMN WRAP
78	CENTER PIER ON FACE OF WALL
79	DISPLAY WALL - REF I-SERIES DWGS
80	EXISTING RAIL TO REMAIN
81	EXTERIOR COLUMN WRAP PILASTER- REF A-500 SERIES DWGS FOR ELEVATION
82	EXTERIOR DECORATIVE PILASTER- REF A-500 SERIES DWGS FOR ELEVATION
83	033000 - CONCRETE TOPPING FLOOR SLAB TO BRING FINISH FLOOR ELEVATION TO MATCH EXISTING, REF I-SERIES DWGS FOR FINISH TYPE.
84	WALL IS CONCENTRIC TO EXTERIOR WALL; REF AF2D1.3 FOR GRADUATED DIMENSIONS OF EXTERIOR CURVE.
85	PAC ADDITIONAL WORK ALTERNATE: NEW COUNTERTOP AND WALL CAP, REF A-322.3
86	034100 - PRECAST CONCRETE EXTERIOR COLUMN, REF PILASTER PROFILES
87	087100 - AUTOMATIC DOOR OPENER PADDLE
88	RELOCATED WOODEN CREST (FROM AUDITORIUM ENTRANCE). FIELD VERIFY MOUNING LOCATION AND PROVISIONS WITH ARCHITECT/CM IN FIELD
89	RELOCATED DARK ROOM SINK. REF P-SERIES DRAWINGS
90	087100 - AUTOMATIC DOOR OPENER PADDLE ON BOLLARD
91	083436 - DARKROOM DOOR

A2.3

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Project No. 2019-067.NCH
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SARAH KATHLEEN HEMPSTEAD
NO. AR10400134

Sarah K Hempstead

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

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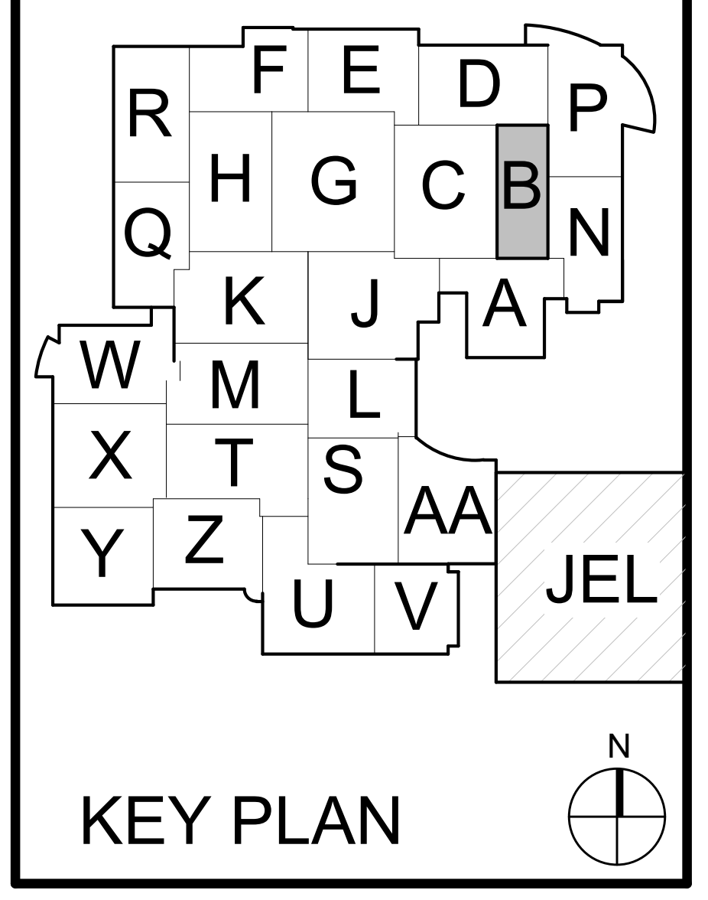


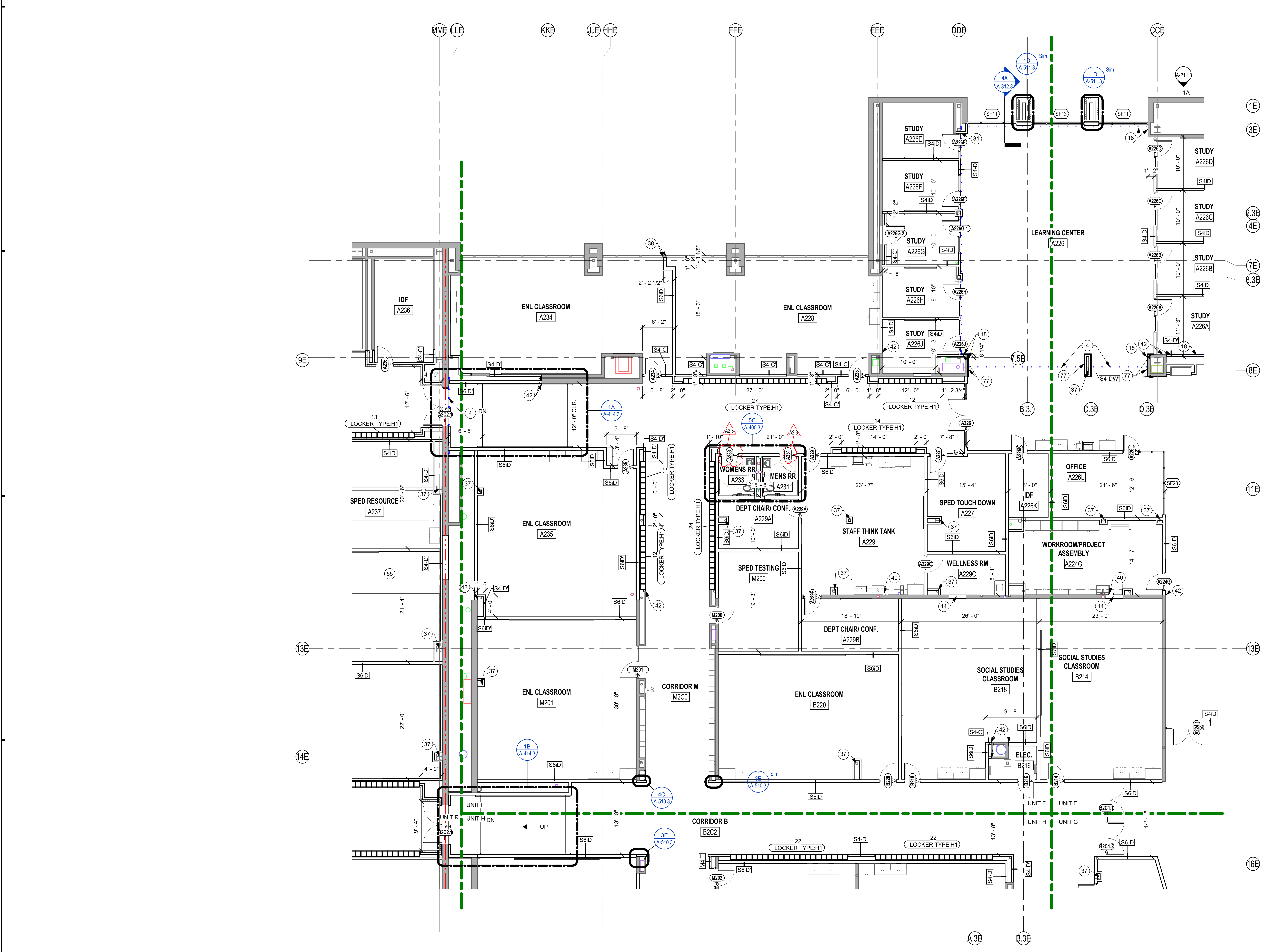
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR PLAN - UNIT B

AF1B1.3



2A **SECOND FLOOR PLAN - UNIT F**
1/8" = 1'-0"

FLOOR PLAN NOTES

Refer to sheet A-001.3 for general plan notes that apply to all plan work.

A2.3

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1	NEW FLOOR SLAB - REF S-SERIES DWGS
2	057500 - METAL COLUMN COVER, 16" DIAMETER.
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8	CUT EXISTING FLOOR SLAB FOR NEW MECHANICAL CHASE, REF S-SERIES DWGS
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12	088300 - WALL MIRRORS 6'-0" TALL, 3'-3" WIDE MAX. EQUALLY SPACE JOINTS. MOUNT 1'-0" A.F.F.
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22	120890.99 - INDUSTRIAL SHELVING UNITS, 72"W X 24"D X 96" H EACH
23	120890.99 - INDUSTRIAL SHELVING UNITS, 48"W X 24"D X 96" H EACH
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25	102213 - WIRE MESH PARTITION AND GATE - FLOOR TO DECK ABOVE
26	042000 - 56" TALL 8" CMU WALL WITH DOUBLE BULLNOSE SOLID CMU CAP. CONFIRM LOCATION OF WALL WITH FOOD SERVICE EQUIPMENT LAYOUT.
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70	EAST PERFORMING ARTS ENTRANCE ALTERNATE: REF SHEET A324.3 FOR ALTERNATE
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72	REMOVE EXISTING STORAGE BENCH AS REQUIRED FOR NEW DOOR. DEMO TO EXISTING SEAM LOCATION. PATCH AND REPAIR WALL SURFACE TO REMAIN. CAP END OF BENCH AND FINISH TO MATCH EXISTING.
73	PAC ADDITIONAL WORK ALTERNATE: 126124 - NEW AUDIENCE SEATING AS SHOWN, REF TS-SEERIES DWGS
74	BASE BID: CONSTRUCT STAGE ACCESS AND STAIR AS SHOWN, MODIFY EXISTING AUDIENCE SEATING AS REQUIRED FOR NEW CONSTRUCTION. REF A-400 SERIES DWGS.
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SCHMIDT
ASSOCIATES
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Project No. 2019-067.NCH
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Bid Set 03
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SARAH KATHLEEN HEMPSTEAD
NO. AR10400134
Sarah K Hempstead

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

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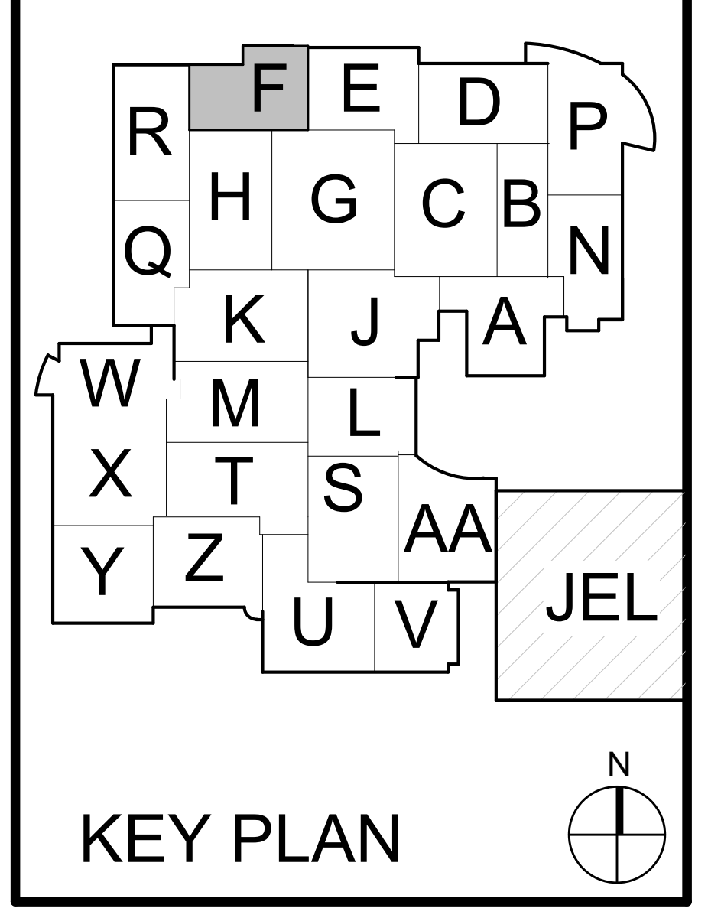


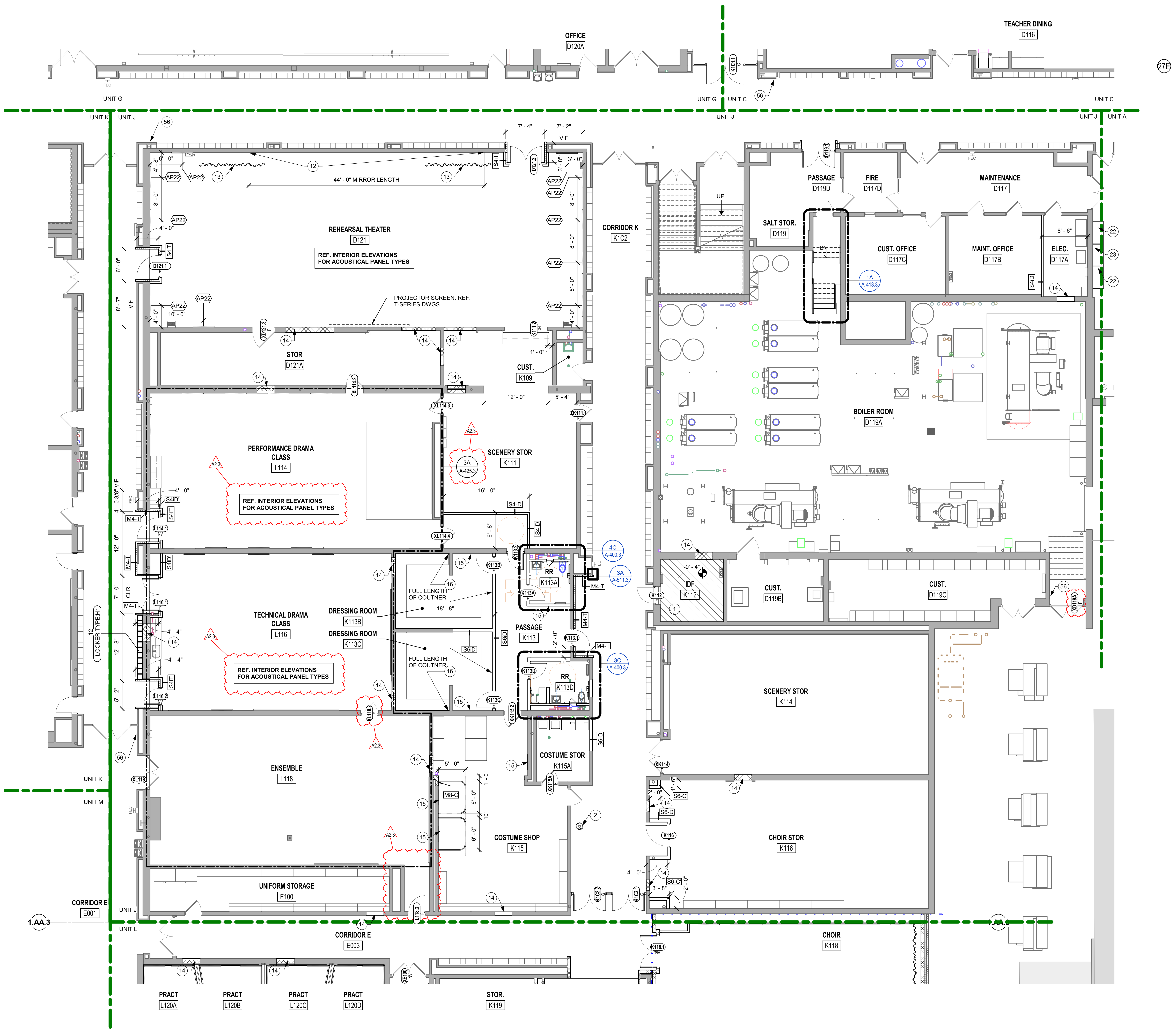
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR PLAN - UNIT F

AF1F2.3



2A FIRST FLOOR PLAN - UNIT J
1/8" = 1'-0"

FLOOR PLAN NOTES

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A2.3

#	Note
1	NEW FLOOR SLAB - REF S-SERIES DWGS
2	057500 - METAL COLUMN COVER, 16" DIAMETER.
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27	033000 - 4" CONCRETE FLOOR SLAB - COORDINATE DEPTH WITH FOODSERVICE EQUIPMENT REQUIREMENTS
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45	092713 - GFRC COLUMN WRAP - REF TYPICAL DETAILS, A-500 SERIES DWGS
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47	K HALL ELEVATOR ALTERNATE: 142400 - NEW ELEVATOR IN EXISTING ELEVATOR SHAFT, REF ENLARGED PLANS AND SECTIONS. V.I.F.
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52	RELOCATED EXISTING FUME HOOD, REF M-SERIES DWGS
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54	102123 - CUBICLE CURTAIN AND TRACK
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58	126600 - TELESCOPING STANDS, BANK A
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60	096468.99 - REFINISH GYM WOOD FLOORING. REF I-SERIES DWGS FOR FLOOR PATTERNS, ETC.
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68	NOT USED
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70	EAST PERFORMING ARTS ENTRANCE ALTERNATE: REF SHEET A324.3 FOR ALTERNATE
71	NOT USED
72	REMOVE EXISTING STORAGE BENCH AS REQUIRED FOR NEW DOOR. DEMO TO EXISTING SEAM LOCATION. PATCH AND REPAIR WALL SURFACE TO REMAIN. CAP END OF BENCH AND FINISH TO MATCH EXISTING.
73	PAC ADDITIONAL WORK ALTERNATE: 126124 - NEW AUDIENCE SEATING AS SHOWN, REF TS-SEERIES DWGS
74	BASE BID: CONSTRUCT STAGE ACCESS AND STAIR AS SHOWN, MODIFY EXISTING AUDIENCE SEATING AS REQUIRED FOR NEW CONSTRUCTION. REF A-400 SERIES DWGS.
75	REF SHEET AF1S2 FOR CLERESTORY PLAN OF THIS ROOM
76	09 30 00 - REPLACE DAMAGED FLOOR/WALL TILES IN SHADED AREA WITH TILES AND PATTERN TO MATCH EXISTING. PROVIDE "X" SQUARE FEET ("X" INDICATED ON DEMO PLANS) OF TILE REPLACEMENT AT LOCATIONS INDICATED. CONFIRM TILE TYPE AND PATTERN IN THE FIELD. CONFIRM FINAL EXTENTS AT EACH AREA OF CRACKED TILE WITH ARCHITECT IN THE FIELD.
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81	EXTERIOR COLUMN WRAP PILASTER- REF A-500 SERIES DWGS FOR ELEVATION
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83	033000 - CONCRETE TOPPING FLOOR SLAB TO BRING FINISH FLOOR ELEVATION TO MATCH EXISTING, REF I-SERIES DWGS FOR FINISH TYPE.
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91	083436 - DARKROOM DOOR

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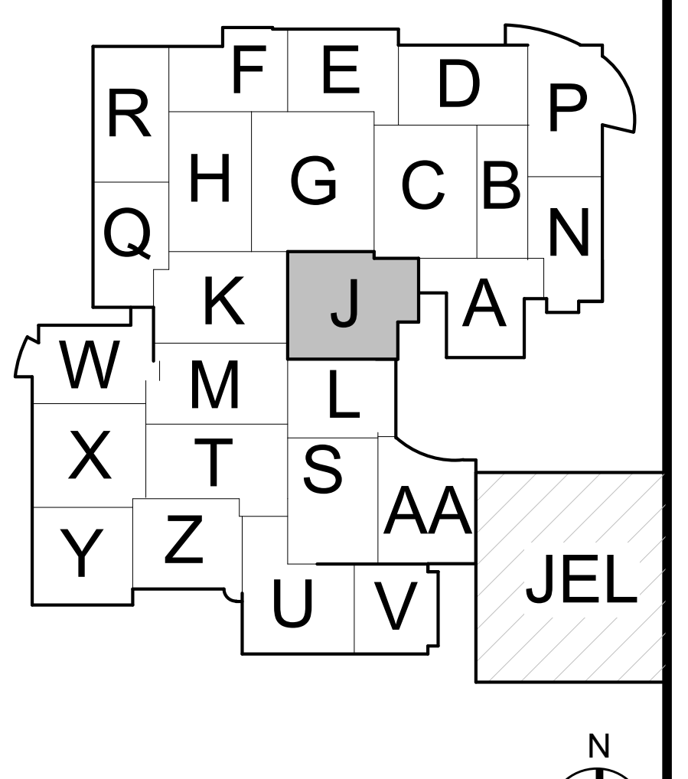
Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced SKA DJK

SARAH KATHLEEN HEMPSTEAD
REGISTERED
NO. AR10400134
STATE OF INDIANA
ARCHITECT

Sarah K Hempstead

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

1801 East 86th Street
Indianapolis, IN 46240



KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR PLAN - UNIT J

AF1J1.3

AF1J1.3_ FIRST FLOOR PLAN - UNIT J
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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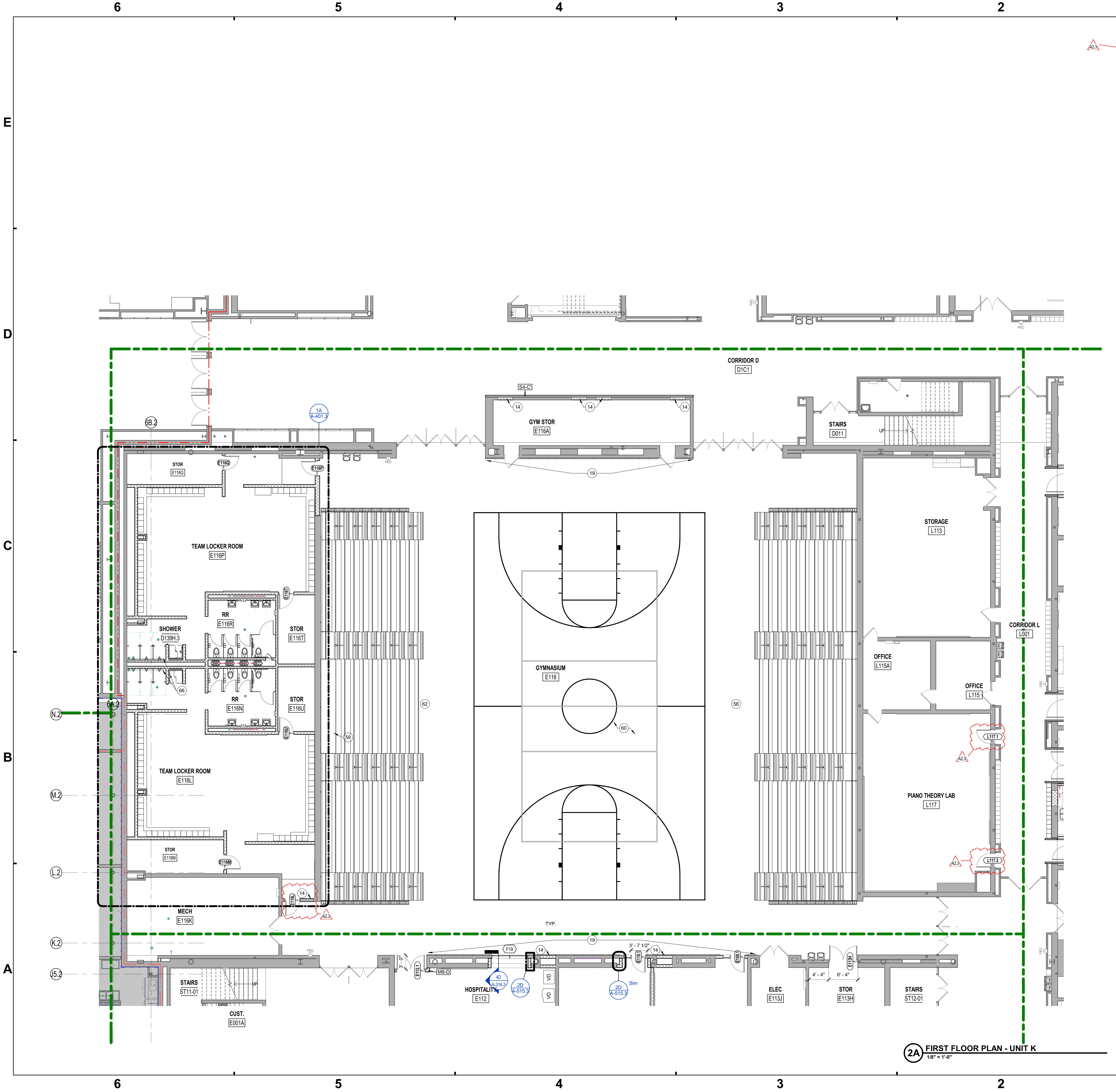

2A FIRST FLOOR PLAN - UNIT K
1/8" = 1'-0"

FLOOR PLAN NOTES

Refer to sheet A-001.3 for general plan notes that apply to all plan work.

A2.3

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2	057500 - METAL COLUMN COVER, 16" DIAMETER.
3	FLOOR INFILL - REFER TO S-SERIES DWGS
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5	102219 - FOLDING PANEL PARTITION
6	111316 - NEW LOADING DOCK SEALS ON EXISTING OPENING.
7	EXISTING TRASH COMPACTOR TO REMAIN
8	CUT EXISTING FLOOR SLAB FOR NEW MECHANICAL CHASE
9	WASHER AND DRYER, OWNER PROVIDED
10	114000 - FOOD SERVICE EQUIPMENT- REF Q-SERIES DWGS
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13	122200 - WALL MOUNTED TRACK CURTAINS. LENGTH TO CONCEAL MIRRORS. MOUNT TRACK AT 10'-0" A.F.F.
14	INFILL OPENING WITH WALL TO MATCH SURROUNDING/ADJACENT WALL CONSTRUCTION. VERIFY EXISTING WALL CONDITIONS/CONSTRUCTION AND DIMENSIONS IN THE FIELD. ALIGN THE FACE OF THE NEW INFILL WALL WITH THE ADJACENT EXISTING WALL FACE. TOOTH NEW MASONRY INTO EXISTING CONSTRUCTION WHERE APPLICABLE
15	088300 - 48" X 54" MIRROR MOUNTED AT 2'-6" A.F.F.
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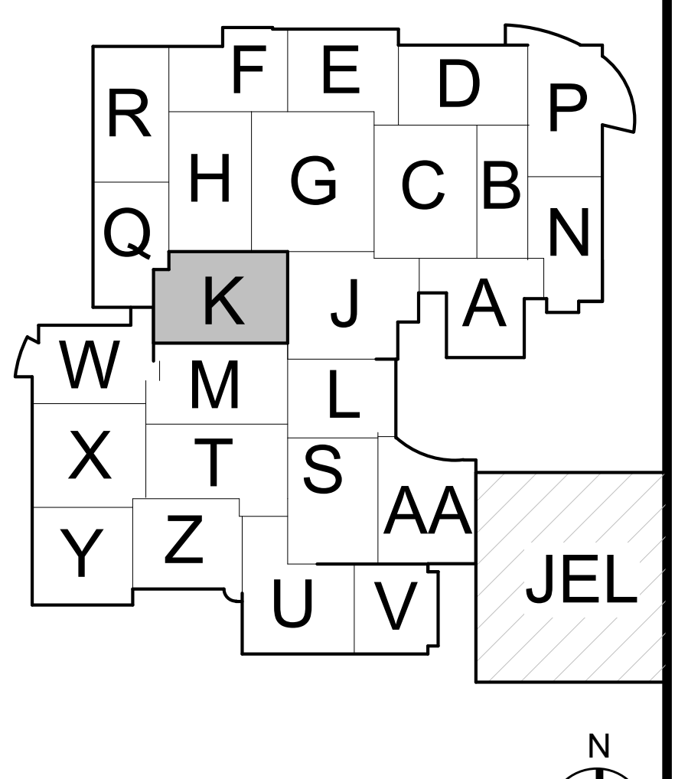
Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced SLS MM

SARAH KATHLEEN HEMPSTEAD
NO. AR10400134

Sarah K Hempstead

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

1801 East 86th Street
Indianapolis, IN 46240



KEY PLAN

M.S.D. of Washington Township

North Central High School Renovation - Additions Phase 3

FIRST FLOOR PLAN - UNIT K

AF1K1.3

AF1K1.3_ FIRST FLOOR PLAN - UNIT K
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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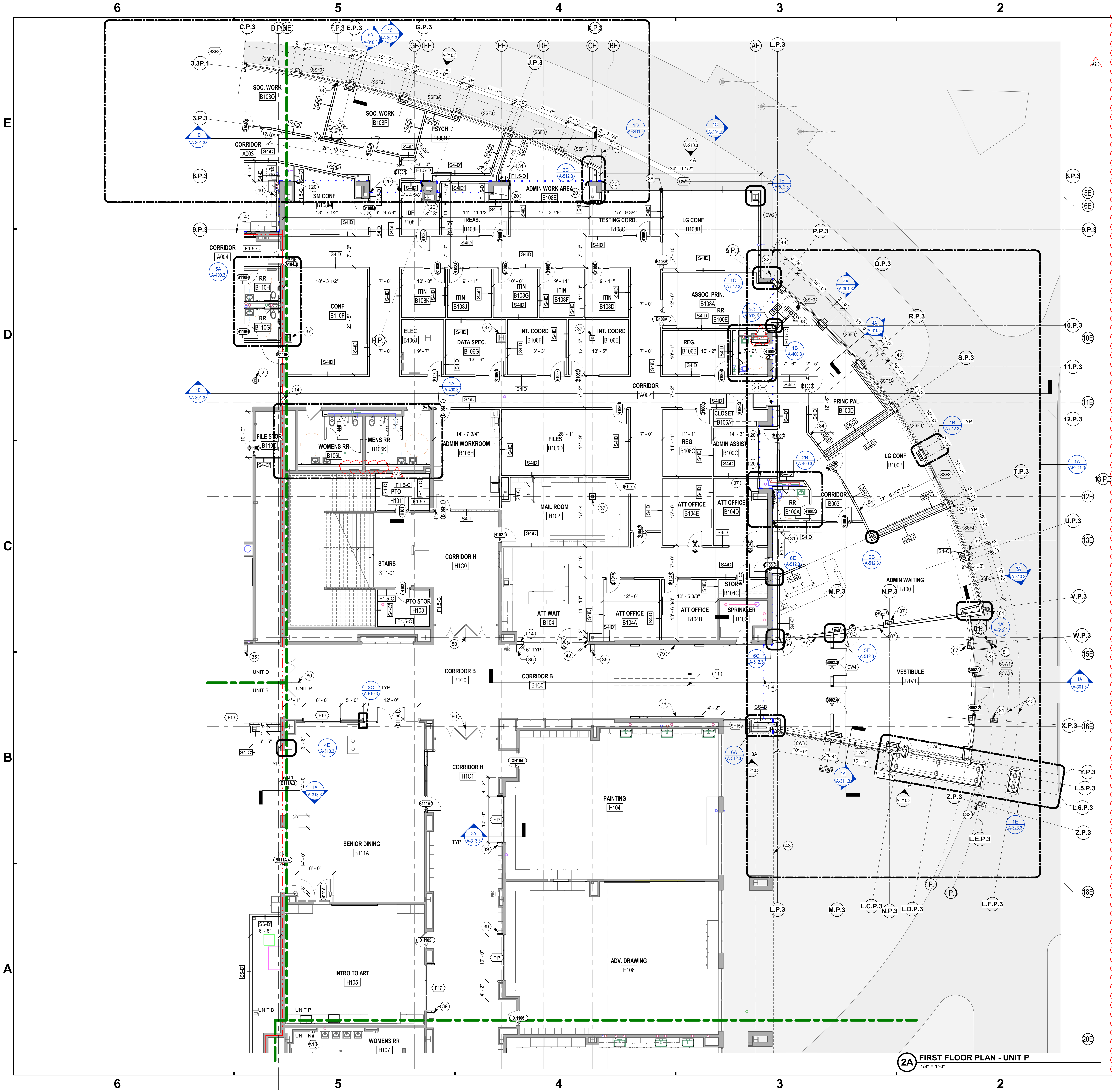

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72	REMOVE EXISTING STORAGE BENCH AS REQUIRED FOR NEW DOOR. DEMO TO EXISTING SEAM LOCATION. PATCH AND REPAIR WALL SURFACE TO REMAIN. CAP END OF BENCH AND FINISH TO MATCH EXISTING.
73	PAC ADDITIONAL WORK ALTERNATE: 126124 - NEW AUDIENCE SEATING AS SHOWN, REF TS-SEERIES DWGS
74	BASE BID: CONSTRUCT STAGE ACCESS AND STAIR AS SHOWN, MODIFY EXISTING AUDIENCE SEATING AS REQUIRED FOR NEW CONSTRUCTION. REF A-400 SERIES DWGS.
75	REF SHEET AF1S2 FOR CLERESTORY PLAN OF THIS ROOM
76	09 30 00 - REPLACE DAMAGED FLOOR/WALL TILES IN SHADED AREA WITH TILES AND PATTERN TO MATCH EXISTING. PROVIDE "X" SQUARE FEET ("X" INDICATED ON DEMO PLANS) OF TILE REPLACEMENT AT LOCATIONS INDICATED. CONFIRM TILE TYPE AND PATTERN IN THE FIELD. CONFIRM FINAL EXTENTS AT EACH AREA OF CRACKED TILE WITH ARCHITECT IN THE FIELD.
77	064023 - WOOD PANELING AND WAINSCOT, ALL SIDES OF COLUMN WRAP
78	CENTER PIER ON FACE OF WALL
79	DISPLAY WALL - REF I-SERIES DWGS
80	EXISTING RAIL TO REMAIN
81	EXTERIOR COLUMN WRAP PILASTER- REF A-500 SERIES DWGS FOR ELEVATION
82	EXTERIOR DECORATIVE PILASTER- REF A-500 SERIES DWGS FOR ELEVATION
83	033000 - CONCRETE TOPPING FLOOR SLAB TO BRING FINISH FLOOR ELEVATION TO MATCH EXISTING, REF I-SERIES DWGS FOR FINISH TYPE.
84	WALL IS CONCENTRIC TO EXTERIOR WALL; REF AF2D1.3 FOR GRADUATED DIMENSIONS OF EXTERIOR CURVE.
85	PAC ADDITIONAL WORK ALTERNATE: NEW COUNTERTOP AND WALL CAP, REF A-322.3
86	034100 - PRECAST CONCRETE EXTERIOR COLUMN, REF PILASTER PROFILES
87	087100 - AUTOMATIC DOOR OPENER PADDLE
88	RELOCATED WOODEN CREST (FROM AUDITORIUM ENTRANCE). FIELD VERIFY MOUNING LOCATION AND PROVISIONS WITH ARCHITECT/CM IN FIELD
89	RELOCATED DARK ROOM SINK. REF P-SERIES DRAWINGS
90	087100 - AUTOMATIC DOOR OPENER PADDLE ON BOLLARD
91	083436 - DARKROOM DOOR

A2.3

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Project No. 2019-067.NCH
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SARAH KATHLEEN HEMPSTEAD
NO. AR10400134

Sarah K Hempstead

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

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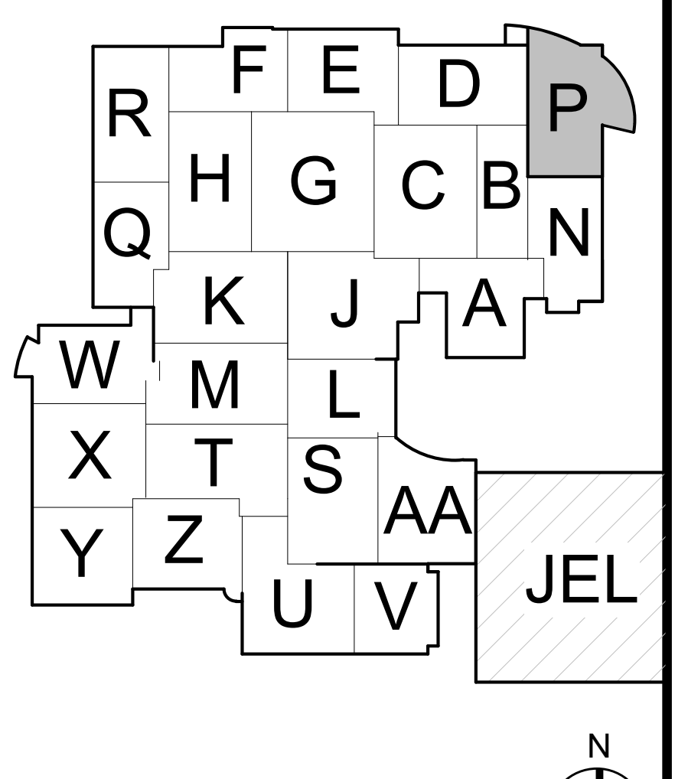


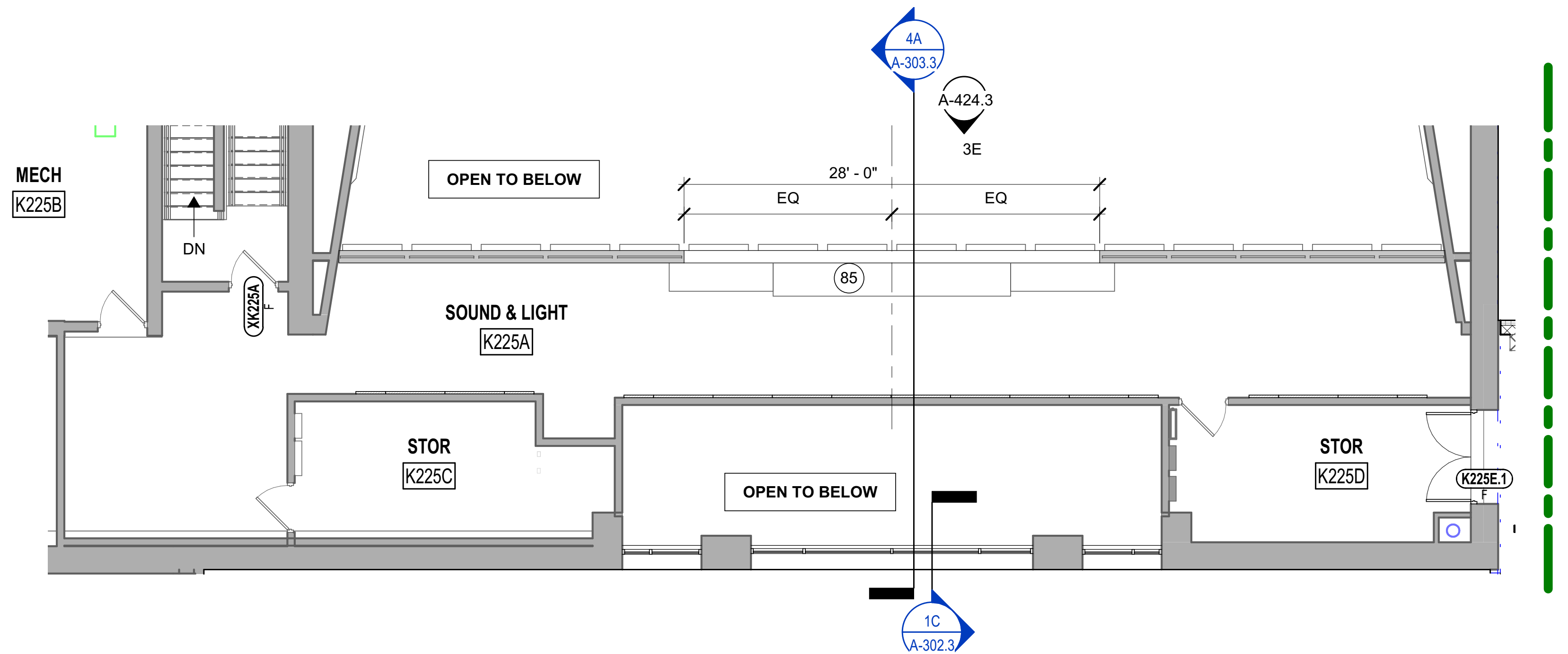
KEY PLAN

M.S.D. of Washington Township

North Central High School Renovation - Additions Phase 3

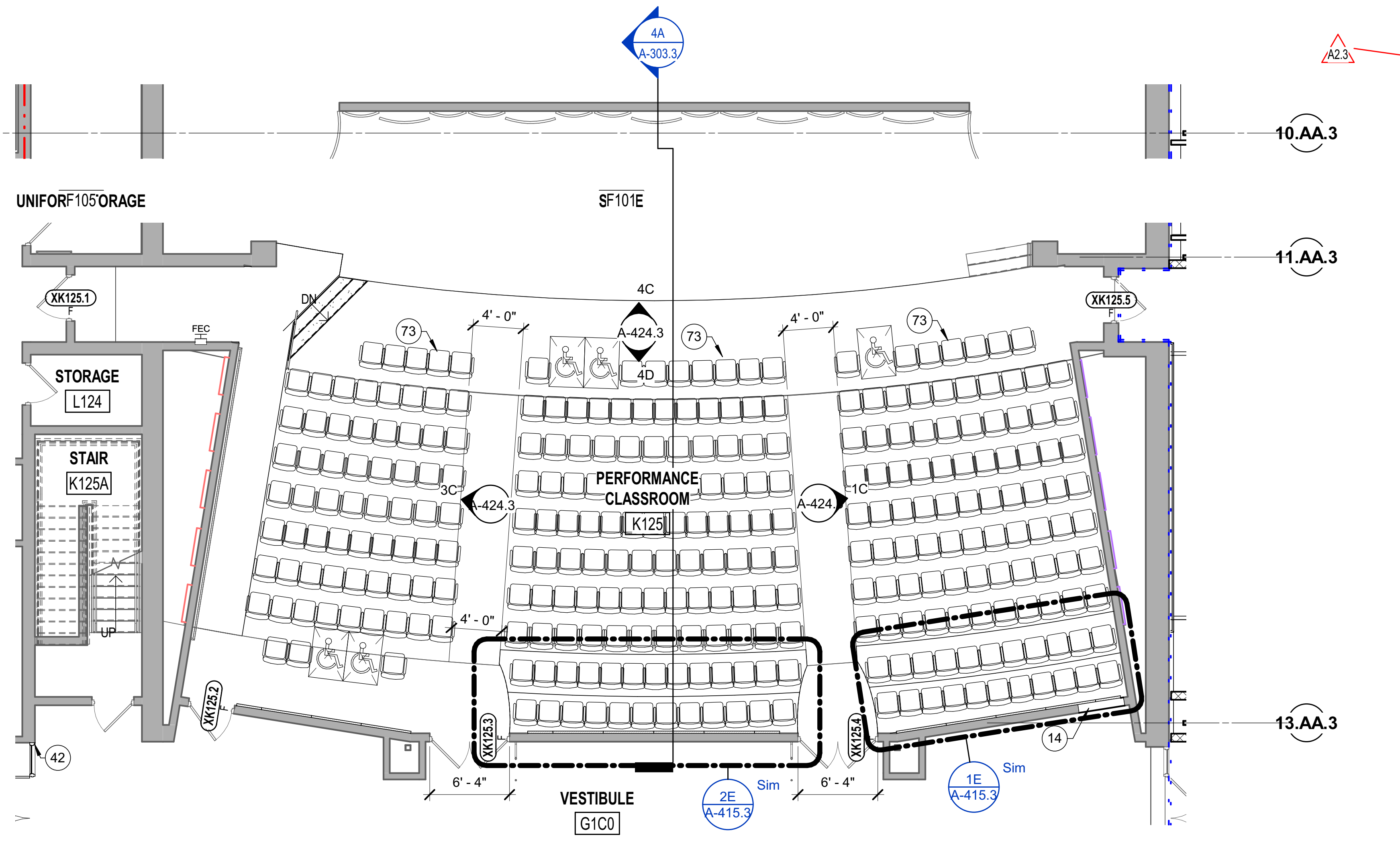
FIRST FLOOR PLAN - UNIT P

AF1P1.3



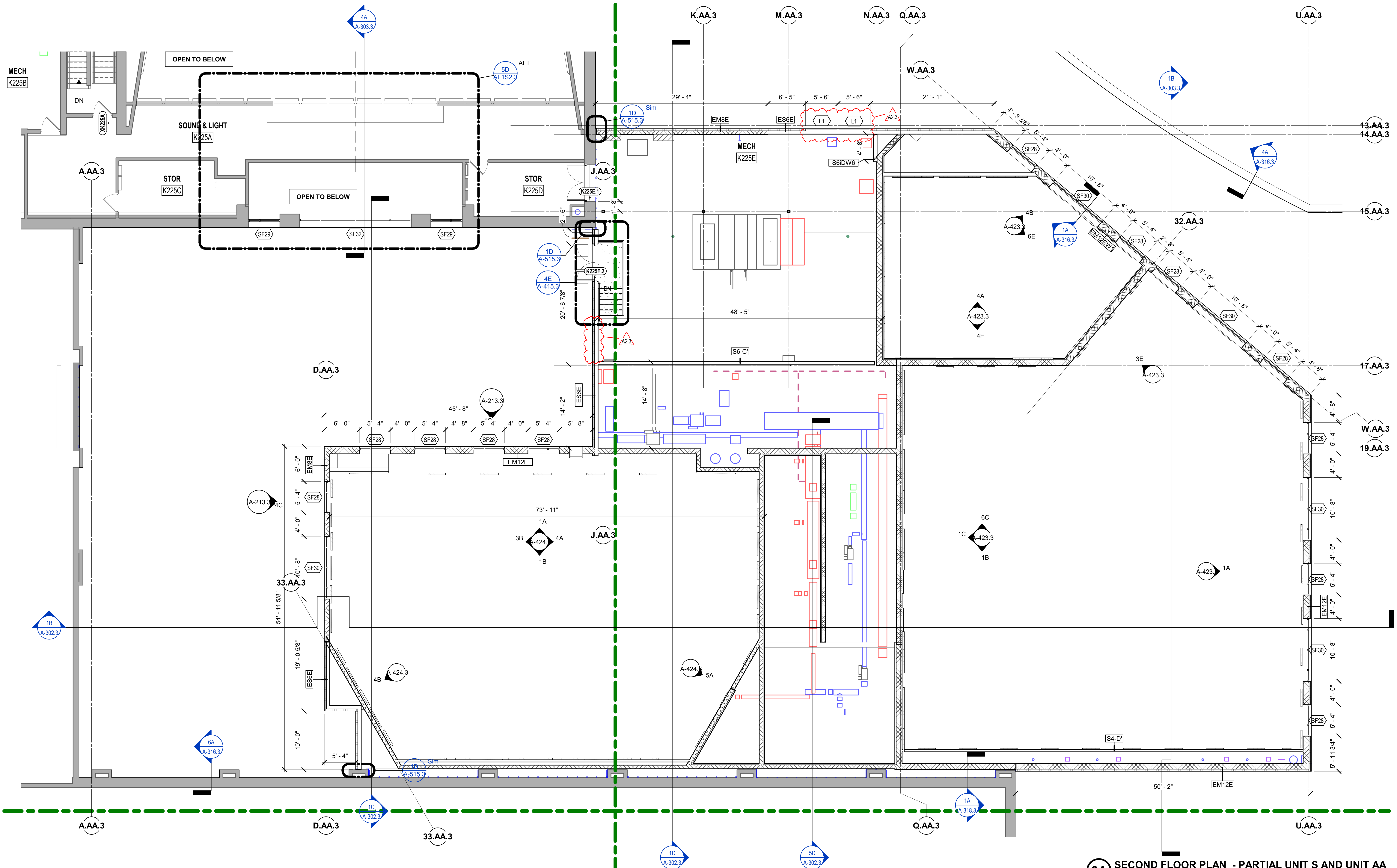
5D PAC ADDITIONAL WORK ALTERNATE - SECOND FLOOR PLAN

1/8" = 1'-0"



2D PAC ADDITIONAL WORK ALTERNATE - FIRST FLOOR PLAN

1/8" = 1'-0"



2A SECOND FLOOR PLAN - PARTIAL UNIT S AND UNIT AA

1/8" = 1'-0"

FLOOR PLAN NOTES

Refer to sheet A-001.3 for general plan notes that apply to all plan work.

#	Note
1	NEW FLOOR SLAB - REF S-SERIES DWGS
2	057500 - METAL COLUMN COVER, 16" DIAMETER.
3	FLOOR INFILL - REFER TO S-SERIES DWGS
4	079500 - INTERIOR FLOOR-TO-FLOOR EXPANSION JOINT SYSTEM.
5	102219 - FOLDING PANEL PARTITION
6	111316 - NEW LOADING DOCK SEALS ON EXISTING OPENING.
7	EXISTING TRASH COMPACTOR TO REMAIN
8	CUT EXISTING FLOOR SLAB FOR NEW MECHANICAL CHASE
9	WASHER AND DRYER, OWNER PROVIDED
10	114000 - FOOD SERVICE EQUIPMENT- REF Q-SERIES DWGS
11	033000 - TOPPING SLAB INFILL OF RECESSED FLOOR MAT AREA. PREP AREA TO RECEIVE NEW FLOOR MATERIAL.
12	088300 - WALL MIRRORS 6'-0" TALL, 3'-3" WIDE MAX. EQUALLY SPACE JOINTS. MOUNT 1'-0" A.F.F.
13	122200 - WALL MOUNTED TRACK CURTAINS. LENGTH TO CONCEAL MIRRORS. MOUNT TRACK AT 10'-0" A.F.F.
14	INFILL OPENING WITH WALL TO MATCH SURROUNDING/ADJACENT WALL CONSTRUCTION. VERIFY EXISTING WALL CONDITIONS/CONSTRUCTION AND DIMENSIONS IN THE FIELD. ALIGN THE FACE OF THE NEW INFILL WALL WITH THE ADJACENT EXISTING WALL FACE. TOOTH NEW MASONRY INTO EXISTING CONSTRUCTION WHERE APPLICABLE
15	088300 - 48" X 54" MIRROR MOUNTED AT 2'-6" A.F.F.
16	088300 - 24" H CONTINUOUS MIRROR MOUNTED 4" ABOVE COUNTERTOP. 40" MAX TO BOTTOM OF REFLECTIVE SURFACE
17	BASE BID: INFILL EXISTING OPENING TO MATCH ADJACENT RAILING. MODIFY GUARDRAIL AS REQUIRED TO CREATE SEAMLESS TRANSITION.
18	079500 - INTERIOR FLOOR-TO-WALL EXPANSION JOINT SYSTEM. EXTEND LENGTH OF WALL.
19	116623 - GYMNASIUM ATHLETIC WALL PADS
20	079500 - INTERIOR WALL-TO-WALL EXPANSION JOINT SYSTEM. EXTEND FROM FLOOR TO CEILING.
21	NEW OPENING IN EXISTING WALL. REF DEMO PLANS AND INTERIOR ELEVATIONS
22	120890.99 - INDUSTRIAL SHELVING UNITS, 72"W X 24"D X 96" H EACH
23	120890.99 - INDUSTRIAL SHELVING UNITS, 48"W X 24"D X 96" H EACH
24	055300 - FLOOR GRATING OVER RECESS IN SLAB, REF SECTION DETAIL
25	102213 - WIRE MESH PARTITION AND GATE - FLOOR TO DECK ABOVE
26	042000 - 56" TALL 8" CMU WALL WITH DOUBLE BULLNOSE SOLID CMU CAP. CONFIRM LOCATION OF WALL WITH FOOD SERVICE EQUIPMENT LAYOUT.
27	033000 - 4" CONCRETE FLOOR SLAB - COORDINATE DEPTH WITH FOODSERVICE EQUIPMENT REQUIREMENTS
28	033000 - 4" CONCRETE SLAB, REF S SERIES DWGS
29	033000 - TOPPING SLAB OF RECESSED FLOOR MAT AREA. PREP AREA TO RECEIVE NEW FLOOR MATERIAL.
30	079500 - EXTERIOR WALL TO WALL EXPANSON JOINT COVER
31	079500 - INTERIOR WALL TO WALL CORNER EXPANSION JOINT COVER
32	077100 - METAL DOWNSPOUT, REF ROOF PLAN FOR SIZE. COORD WITH C-SERIES DWGS FOR BOOT CONNECTION.
33	033000 - 4" CONCRETE FLOOR SLAB. REF S-SERIES DWGS
34	033000 - RECESSED 4" CONCRETE SLAB. COORDINATE DEPTH WITH FOOD SERVICE EQUIPMENT REQUIREMENTS
35	092713 - GFRC TAPERED PIER - REF TYPICAL DETAILS, A-500 SERIES DWGS
36	057500 - METAL COLUMN COVER, 24" DIAMETER.
37	NEW ENCLOSURE AROUND EXISTING COLUMN USING WALL TYPE S4-C'. MAINTAIN 1" MIN. CLEAR AROUND COLUMN. DO NOT ATTACH TO COLUMN.
38	084113 - BRAKE METAL CLOSURE TRIM FROM WALL TO MULLION.
39	105113 - LOCKER TRIM
40	PAPER TOWEL AND SOAP DISPENSERS - OWNER FURNISHED, CONTRACTOR INSTALLED. COORD LOCATION IN FIELD.
41	BASE BID: NEW GATE OPENINGS IN EXISTING RAILING. REF DETAILS ON SHEET AF1K2.3. MAIN GYM RAILING ALTERNATE: NEW GUARDRAIL TYPE A WITH OPERABLE GATES ALIGNED WITH AISLES IN TELESCOPING STANDS
42	ALIGN FACE OF WALLS
43	LINE OF CANOPY ABOVE
44	CENTER NEW WALL CONSTRUCTION ON COLUMN CENTERLINE
45	092713 - GFRC COLUMN WRAP - REF TYPICAL DETAILS, A-500 SERIES DWGS
46	077100 - 2X2 DOWNSPOUT TO SPLASH BLOCK AT GRADE.
47	K HALL ELEVATOR ALTERNATE: 142400 - NEW ELEVATOR IN EXISTING ELEVATOR SHAFT, REF ENLARGED PLANS AND SECTIONS. V.I.F.
48	064023 - SOLID SURFACE OVER EXISTING PLANTER, REF ENLARGED PLANS AND DETAILS.
49	BALCONY RAILING ALTERNATE: 057300 - GLASS GUARDRAIL ATTACHED TO EXISTING ALUMINUM RAILING, REF TYP DETAILS
50	057300 - STAINLESS STEEL HANDRAIL - REF ENLARGED PLANS AND DETAILS
51	ALIGN RAIL WITH CENTERLINE OF EXISTING AUDITORIUM DOORS.
52	RELOCATED EXISTING FUME HOOD, REF M-SERIES DWGS
53	ALIGN NEW OPENING WITH OPENING ACROSS THE HALL
54	102123 - CUBICLE CURTAIN AND TRACK
55	033000 - COMPOSITE FLOOR INFILL. REF S-SERIES DWGS
56	055000 - CUSTOM FIRE ALARM PULL COVER, REF TYPICAL DETAILS, A-500 DWGS.
57	083323 - OVERHEAD COILING SERVICE DOOR. REF DOOR SCHEDULE AND DETAILS
58	126600 - TELESCOPING STANDS, BANK A
59	126600 - MEDIA PLATFORM
60	096468.99 - REFINISH GYM WOOD FLOORING. REF I-SERIES DWGS FOR FLOOR PATTERNS, ETC.
61	057300 - RAILING TYPE A, REF RAIL TYPES SHEET AND DETAILS
62	126600 - TELESCOPING STANDS, BANK B
63	126600 - TELESCOPING STANDS, BANK C
64	126600 - TELESCOPING STANDS, BANK D
65	NOT USED
66	SHOWER TRENCH DRAIN, REF DETAIL IN A-400 SERIES DWGS. COORD WITH P-SERIES DWGS
67	126600 - TELESCOPING STANDS, BANK E
68	NOT USED
69	SOUTH CANOPY ALTERNATE: CANOPY AND LIGHT WALL CONSTRUCTED AS SHOWN.
70	EAST PERFORMING ARTS ENTRANCE ALTERNATE: REF SHEET A324.3 FOR ALTERNATE
71	NOT USED
72	REMOVE EXISTING STORAGE BENCH AS REQUIRED FOR NEW DOOR. DEMO TO EXISTING SEAM LOCATION. PATCH AND REPAIR WALL SURFACE TO REMAIN. CAP END OF BENCH AND FINISH TO MATCH EXISTING.
73	PAC ADDITIONAL WORK ALTERNATE: 126124 - NEW AUDIENCE SEATING AS SHOWN, REF TS-SEERIES DWGS
74	BASE BID: CONSTRUCT STAGE ACCESS AND STAIR AS SHOWN, MODIFY EXISTING AUDIENCE SEATING AS REQUIRED FOR NEW CONSTRUCTION. REF A-400 SERIES DWGS.
75	REF SHEET AF1S2 FOR CLERESTORY PLAN OF THIS ROOM
76	09 30 00 - REPLACE DAMAGED FLOOR/WALL TILES IN SHADED AREA WITH TILES AND PATTERN TO MATCH EXISTING. PROVIDE "X" SQUARE FEET ("X" INDICATED ON DEMO PLANS) OF TILE REPLACEMENT AT LOCATIONS INDICATED. CONFIRM TILE TYPE AND PATTERN IN THE FIELD. CONFIRM FINAL EXTENTS AT EACH AREA OF CRACKED TILE WITH ARCHITECT IN THE FIELD.
77	064023 - WOOD PANELING AND WAINSCOT, ALL SIDES OF COLUMN WRAP
78	CENTER PIER ON FACE OF WALL
79	DISPLAY WALL - REF I-SERIES DWGS
80	EXISTING RAIL TO REMIAN
81	EXTERIOR COLUMN WRAP PILASTER- REF A-500 SERIES DWGS FOR ELEVATION
82	EXTERIOR DECORATIVE PILASTER- REF A-500 SERIES DWGS FOR ELEVATION
83	033000 - CONCRETE TOPPING FLOOR SLAB TO BRING FINISH FLOOR ELEVATION TO MATCH EXISTING, REF I-SERIES DWGS FOR FINISH TYPE.
84	WALL IS CONCENTRIC TO EXTERIOR WALL; REF AF2D1.3 FOR GRADUATED DIMENSIONS OF EXTERIOR CURVE.
85	PAC ADDITIONAL WORK ALTERNATE: NEW COUNTERTOP AND WALL CAP, REF 5A/A-322.3
86	034100 - PRECAST CONCRETE EXTERIOR COLUMN, REF PILASTER PROFILES
87	087100 - AUTOMATIC DOOR OPENER PADDLE
88	RELOCATED WOODEN CREST (FROM AUDITORIUM ENTRANCE). FIELD VERIFY MOUNING LOCATION AND PROVISIONS WITH ARCHITECT/CM IN FIELD
89	RELOCATED DARK ROOM SINK. REF P-SERIES DRAWINGS
90	087100 - AUTOMATIC DOOR OPENER PADDLE ON BOLLARD
91	083436 - DARKROOM DOOR

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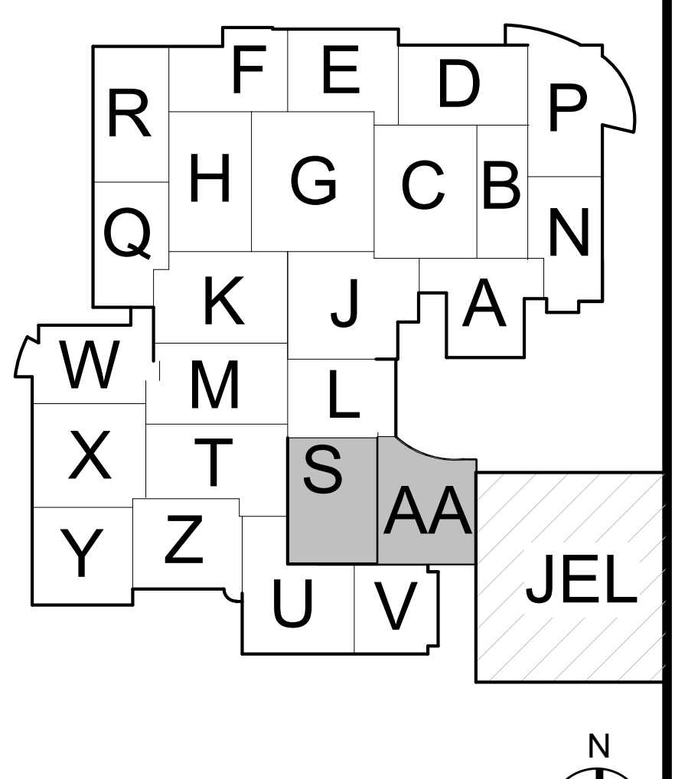


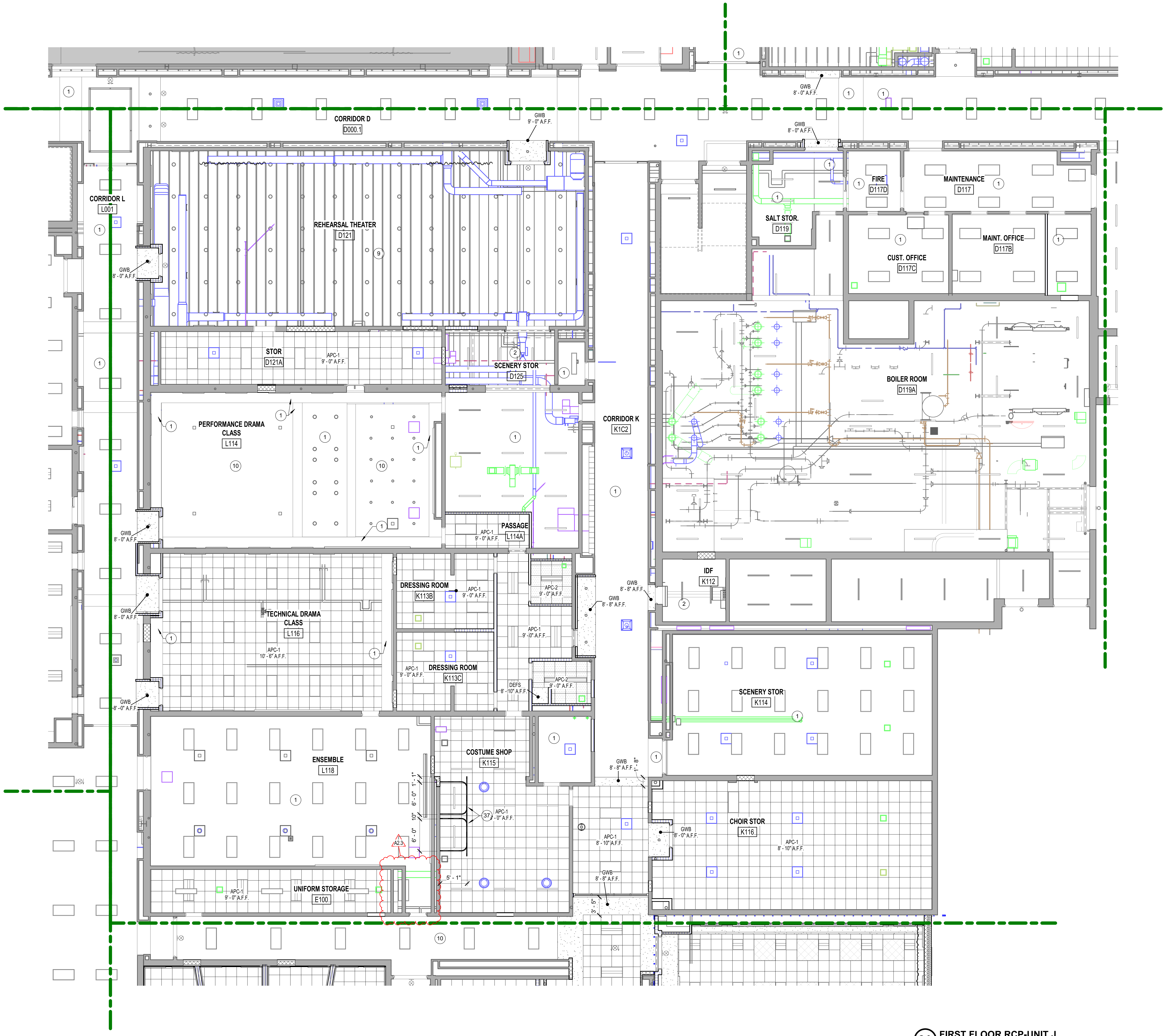
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR PLAN - UNIT S & UNIT AA

AF1S2.3



2A FIRST FLOOR RCP-UNIT J
1/8" = 1'-0"

General Reflected Ceiling Plan Notes

A. All ceilings are at 9'-0" AFF, unless noted otherwise.

B. All bulkheads are at 8'-10" AFF, unless noted otherwise.

C. All grids are centered in rooms, unless noted otherwise.

D. All exposed ductwork, piping etc. shall be painted. Refer to I-series drawings for finish.

E. Locate sprinkler heads in center of ceiling panel - where applicable.

F. All new & existing bulkheads to have exposed faces painted P-10 unless specifically noted otherwise. Bulkheads that are flush with walls provide color to match adjacent wall color.

REFLECTED CEILING PLAN LEGEND

APC-1	2' X 2' Acoustical Panel Ceiling (09 51 13)	Light Fixture (Reference E-Series Dwgs)	▭
APC-2	2' X 2' Washable Acoustical Panel Ceiling (09 51 13)	Return Air (Reference M-Series Dwgs)	◪
APC-3	2' X 2' Humidity Resistant Acoustical Panel Ceiling (09 51 13)	Supply Air (Reference M-Series Dwgs)	☒
APC-4	2' X 6' Acoustical Panel Ceiling (09 51 13)	Exit Light (Reference E-Series Dwgs)	⊗
APC-5	Seamless Acoustical Ceiling (09 51 13)	Recessed Light Fixture Suspended Fixture in Areas with Exposed Ceilings (Reference E-Series Dwgs)	○
GWB	5/8" GWB on Grid Suspension System (09 22 16)	SOUND SYSTEM SPEAKER (REFERENCE E-SERIES/T-SERIES DWGS)	Ⓢ
DEFS	Direct-Applied Finish system on 5/8" Gypsum Sheathing on Grid Suspension System (07 24 13.99)	**Walls to Deck**	|||||||||||

REFLECTED CEILING PLAN NOTES

#	NOTE
1	EXISTING CEILING TO REMAIN
2	099000 - NO CEILING. PAINT EXPOSED STRUCTURE, DUCTWORK, PIPING, CONDUIT, ETC. WHITE.
3	OPEN TO EXISTING SKYLIGHT TO REMAIN
4	EXISTING EXTERIOR SOFFIT TO REMAIN
5	OPEN TO ABOVE
6	MODIFY EXISTING CEILING AS REQUIRED FOR NEW CHASE CONSTRUCTION
7	GWB CONTROL JOINT
8	EXISTING CEILING TO REMAIN. REMOVE CEILING AS REQUIRED FOR MECHANICAL WORK. PATCH AND REPAIR EXISTING CEILING
9	098300.99 - NO CEILING. APPLY 1.5" OF K-13 PRODUCT (BLACK) TO UNDERSIDE OF EXPOSED DECK AND TOP CHORD OF EXPOSED JOISTS
10	EXISTING CEILING GRID TO REMAIN. REPLACE TILES WITH ACP-1
11	092216 - EXTEND EXISTING BULKHEAD TO NEAREST ADJ. WALL.
12	REFER TO 1ST FLOOR PLAN FOR CEILING IN THIS AREA.
13	122200 - CEILING MOUNTED TRACK CURTAINS.
14	083113 - CEILING ACCESS PANEL. COORD LOCATION IN FIELD WITH AIR CURTAINS
15	1 HR RATED CEILING CONST.
16	PAINT EXPOSED DECK AND STRUCTURE WHITE
17	114000 - KITCHEN HOOD LOCATION. COORD WITH Q-SERIES DWGS
18	107317.99 - PREENGINEERED CANOPY SYSTEM
19	099123 .99 - ALL SIDES OF BULKHEAD TO BE PAINTED P-4 (SCHOOL RED ACCENT).
20	099123 .99 - ALL SIDES OF BULKHEAD TO BE PAINTED P-5 (NEUTRAL RED ACCENT).
21	099123 .99 - ALL SIDES OF BULKHEAD TO BE PAINTED P-10
22	PROJECTION SCREEN - REFER TO T-SERIES DWGS.
23	074213.23 - METAL COMPOSITE PANEL - COLOR A.
24	072419 - EIFS SOFFIT.
25	074219 - CONTROL JOINT.
26	079500 - SOFFIT EXPANSION JOINT COVER.
27	077100 - GUTTER.
28	101400 - DIMENSIONAL LETTERS "ART GALLERY"
29	095113 - MODIFY EXISTING CEILING GRID AS REQUIRED TO ACCOMMODATE NEW BULKHEAD CONSTRUCTION.
30	CLASSROOM INTERIORS FINISHES ALTERNATIVE - PROVIDE NEW APC-1 CEILING IN ROOM AT SAME ELEVATIOIN AND CONFIGURATION AS EXISTING.
31	083323 - OVERHEAD COILING COUNTER DOOR.
32	095113 - SEAMLESS ACOUSTICAL CEILING SYSTEM.
33	095113 - METAL EDGE TRIM - 6" TALL.
34	095113 - MODIFY WIDTH OF EXISTING BULKHEAD TO DIMENSION INDICATED.
35	092900 - NEW BULKHEAD TO ALIGN WITH EXISTING BULKHEAD. VERIFY ELEVATION.
36	PHASE 1 AREA - NO WORK IN THIS AREA IN THIS PHASE.
37	102123 - CUBICLE CURTAIN AND TRACK.
38	079500 - CEILING TO WALL EXPANSION JOINT COVER.
39	NOT USED
40	074213.23 - METAL COMPOSITE PANEL - COLOR B
41	PAINT EXPOSED DECK, DUCTWORK, CONDUIT, ETC. BLACK TO OVERLAP CEILING CLOUD EDGES BY 2'-0" MIN.
42	079500 - CEILING TO CEILING EXPANSION JOINT COVER.
43	PHASE 2 SCOPE OF WORK AREA
44	072419 - EIFS SOFFIT - REF SECTION FOR SCOPE OF WORK
45	ALIGN FACE OF BULKHEAD WITH FACE OF ADJACENT WALLS
46	074213.19 - INSULATED-CORE METAL SOFFIT PANEL TYPE B (MATCH EXISTING)
47	083326 - OVERHEAD COILING GRILLE. REF SECTION DETAILS
48	EXHAUST HOOD, REF M-SERIES DWGS
49	MATCH EXISTING ADJACENT CEILING HEIGHT, V.I.F.
50	EXTEND FACE OF BULKHEAD BEYOND FACE OF ADJACENT CMU WALL. REF RCP DETAILS
51	SCIENCE CLASSROOM INTERIORS FINISHES ALTERNATIVE - PROVIDE NEW APC-1 CEILING IN ROOM AT SAME ELEVATIOIN AND CONFIGURATION AS EXISTING.
52	07 95 00 - EXTERIOR CEILING TO WALL EXPANSION JOINT COVER
53	SOUTH CANOPY ALTERNATE: CANOPY AND LIGHT WALL CONSTRUCTED AS SHOWN.
54	EAST PERFORMING ARTS ENTRANCE ALTERNATE: REF SHEET A319.3 FOR ALTERNATE
55	HEIGHT DIMENSION IS TAKEN FROM JEL LEVEL 1
56	EXISTING CEILING GRID TO REMAIN. REPLACE TILES WITH ACP-6

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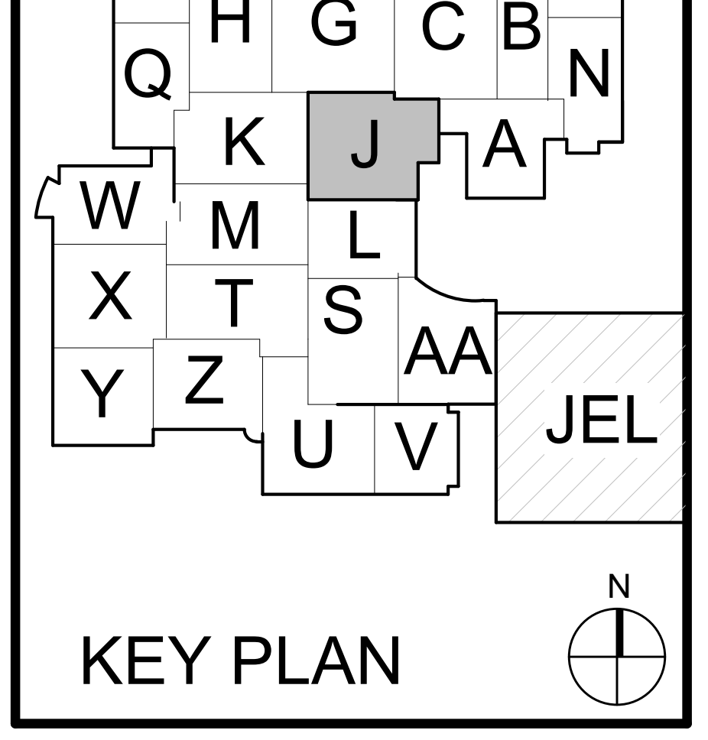


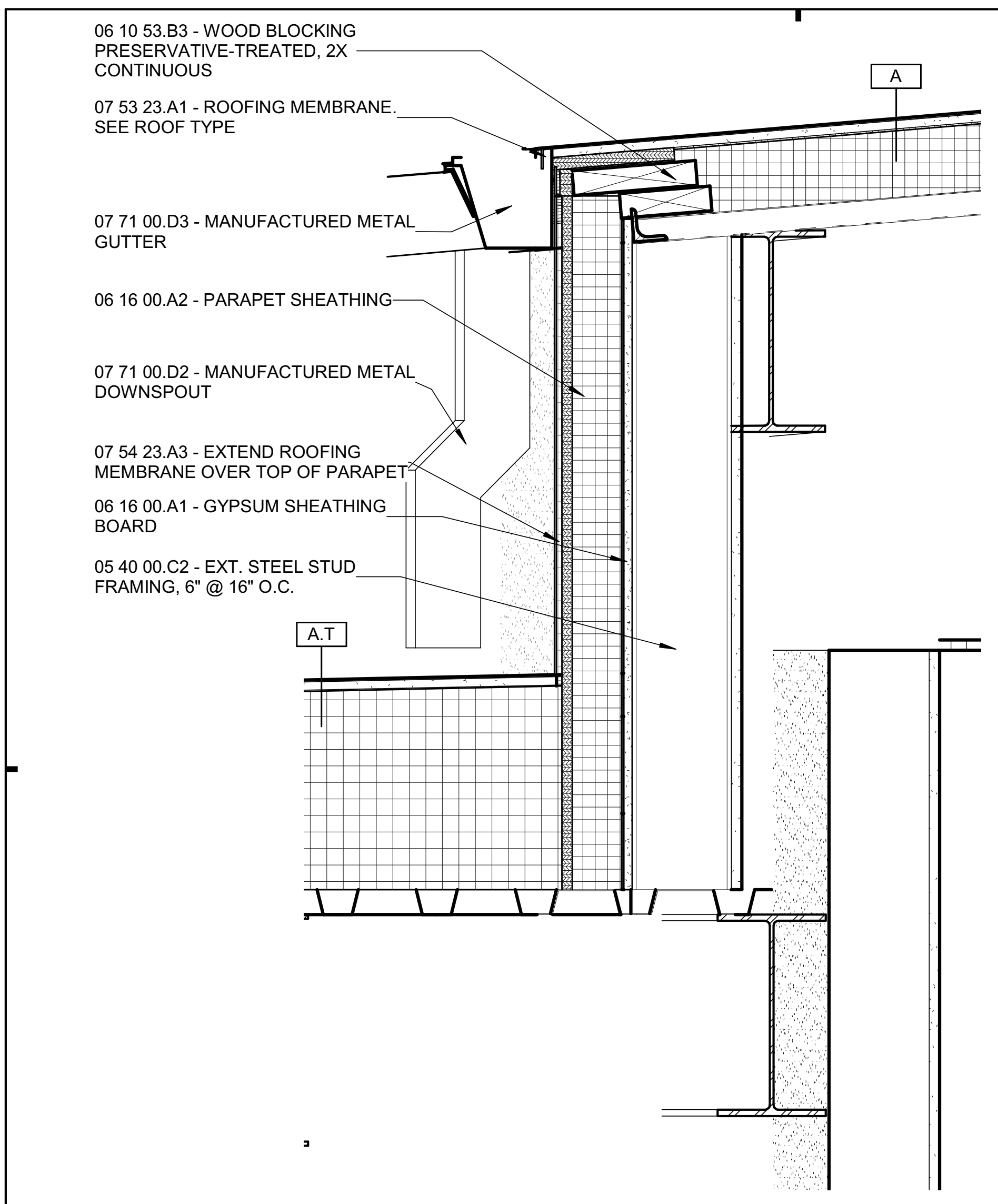
KEY PLAN

M.S.D. of Washington Township

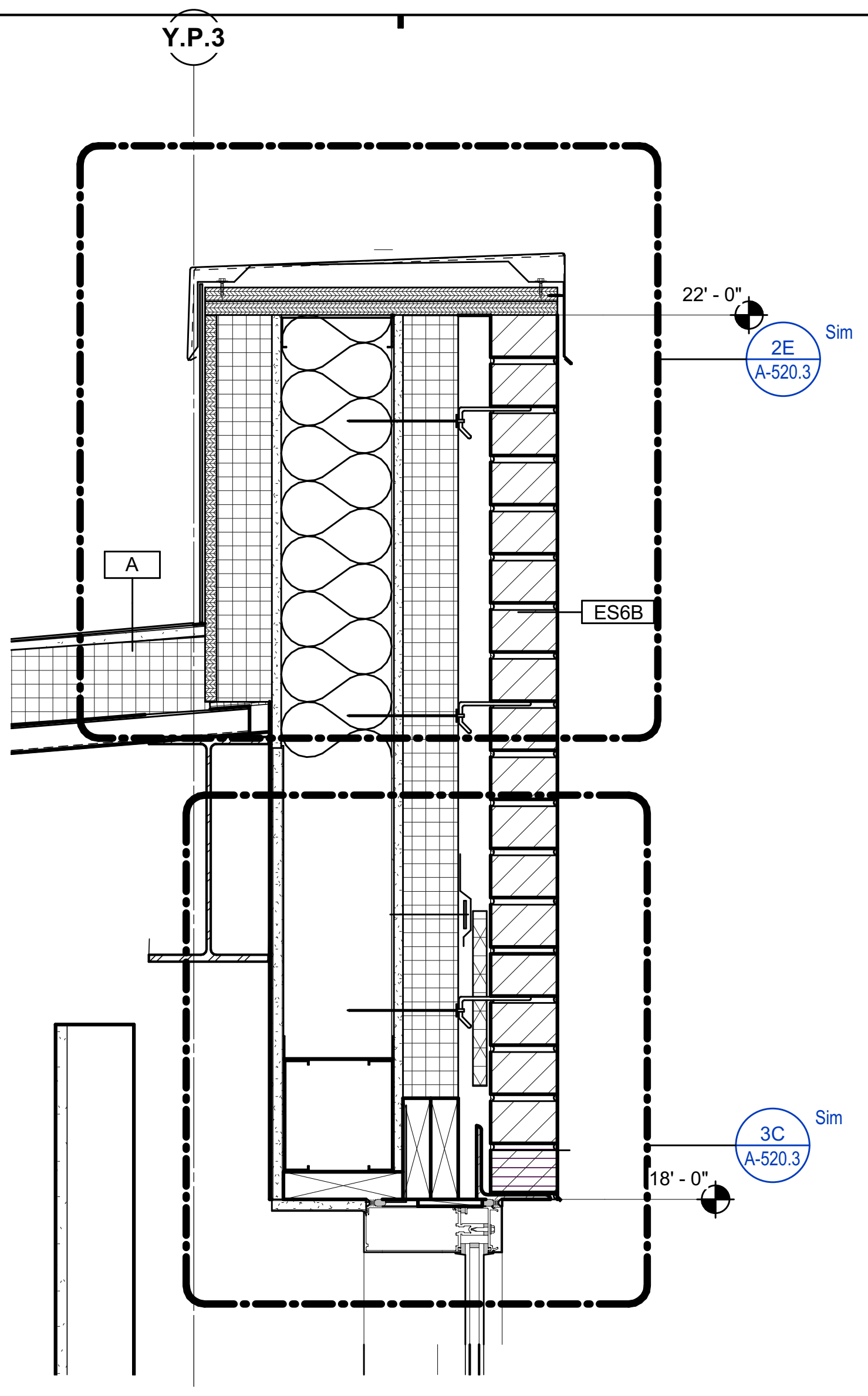
North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR
REFLECTED CEILING
PLAN - UNIT J

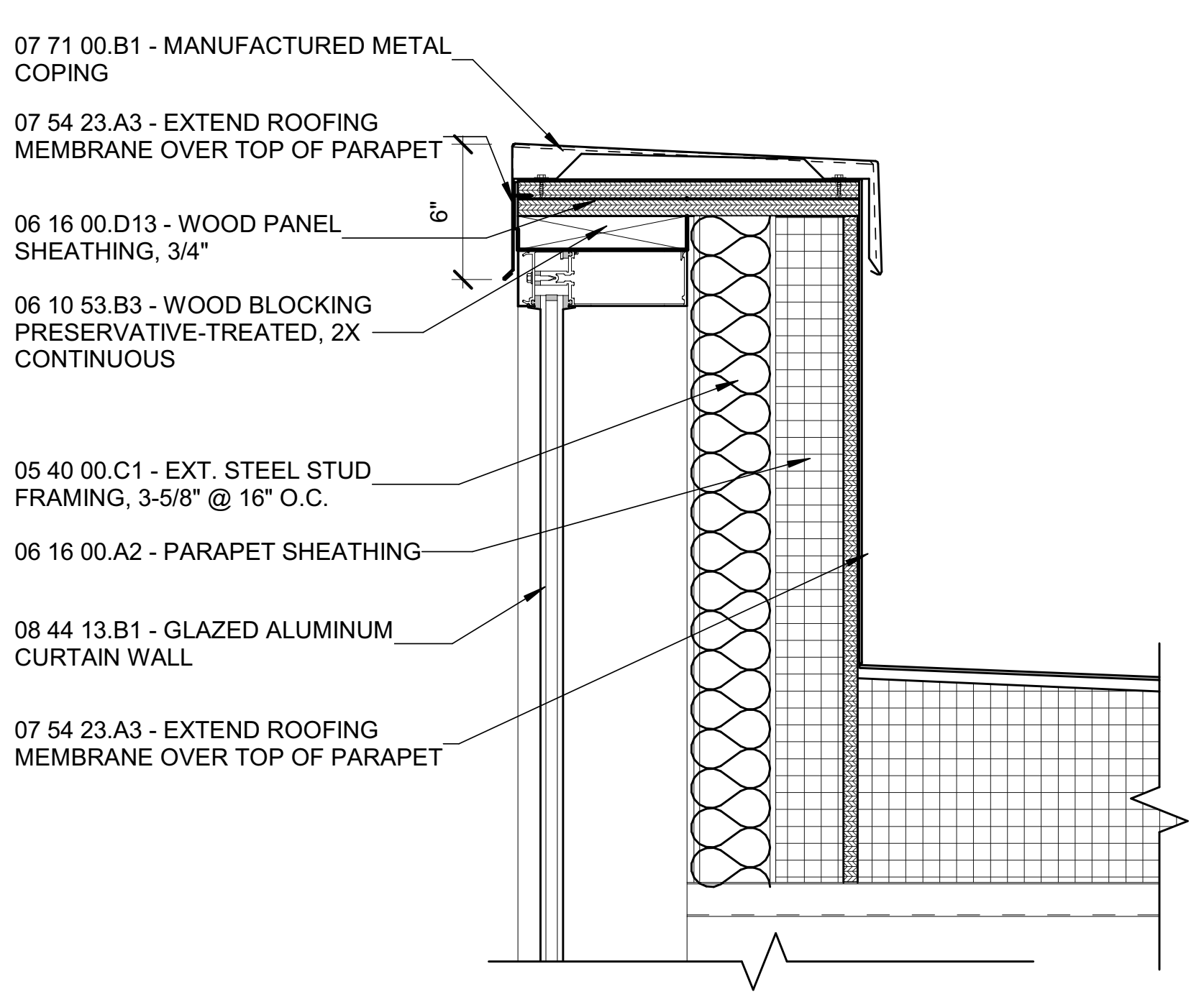
AC1J1.3



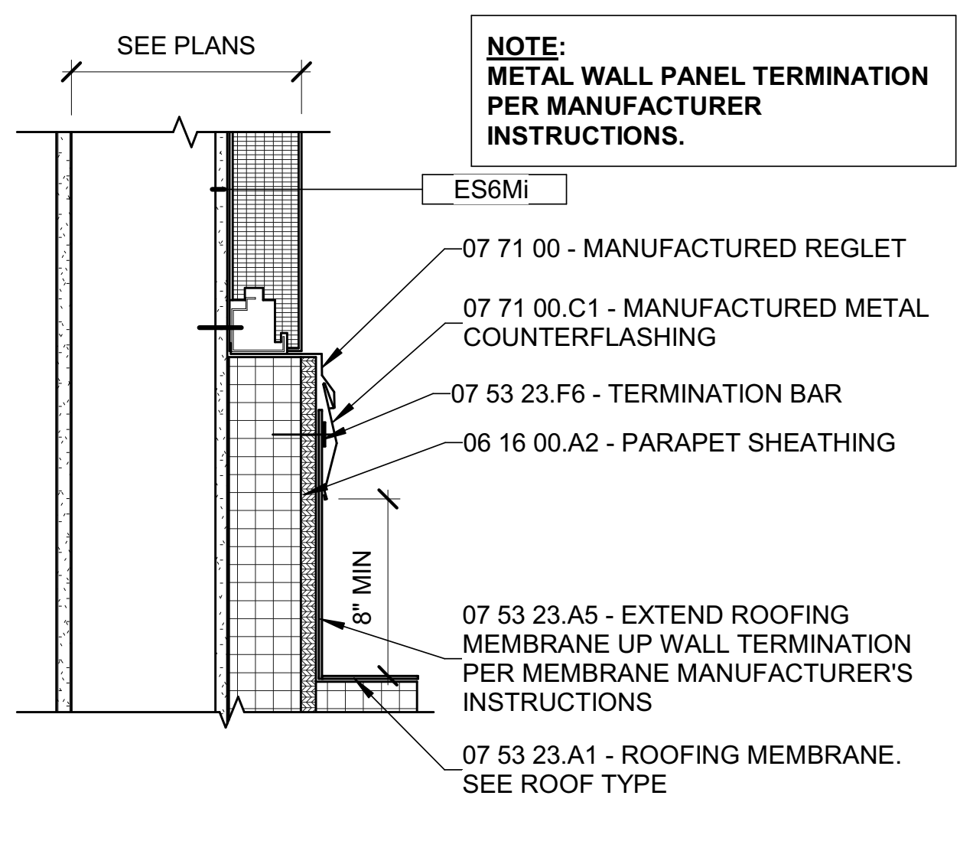
6D SECTION DETAIL - GUTTER
1 1/2" = 1'-0"



5D SECTION DETAIL - VESTIBULE PARAPET
1 1/2" = 1'-0"

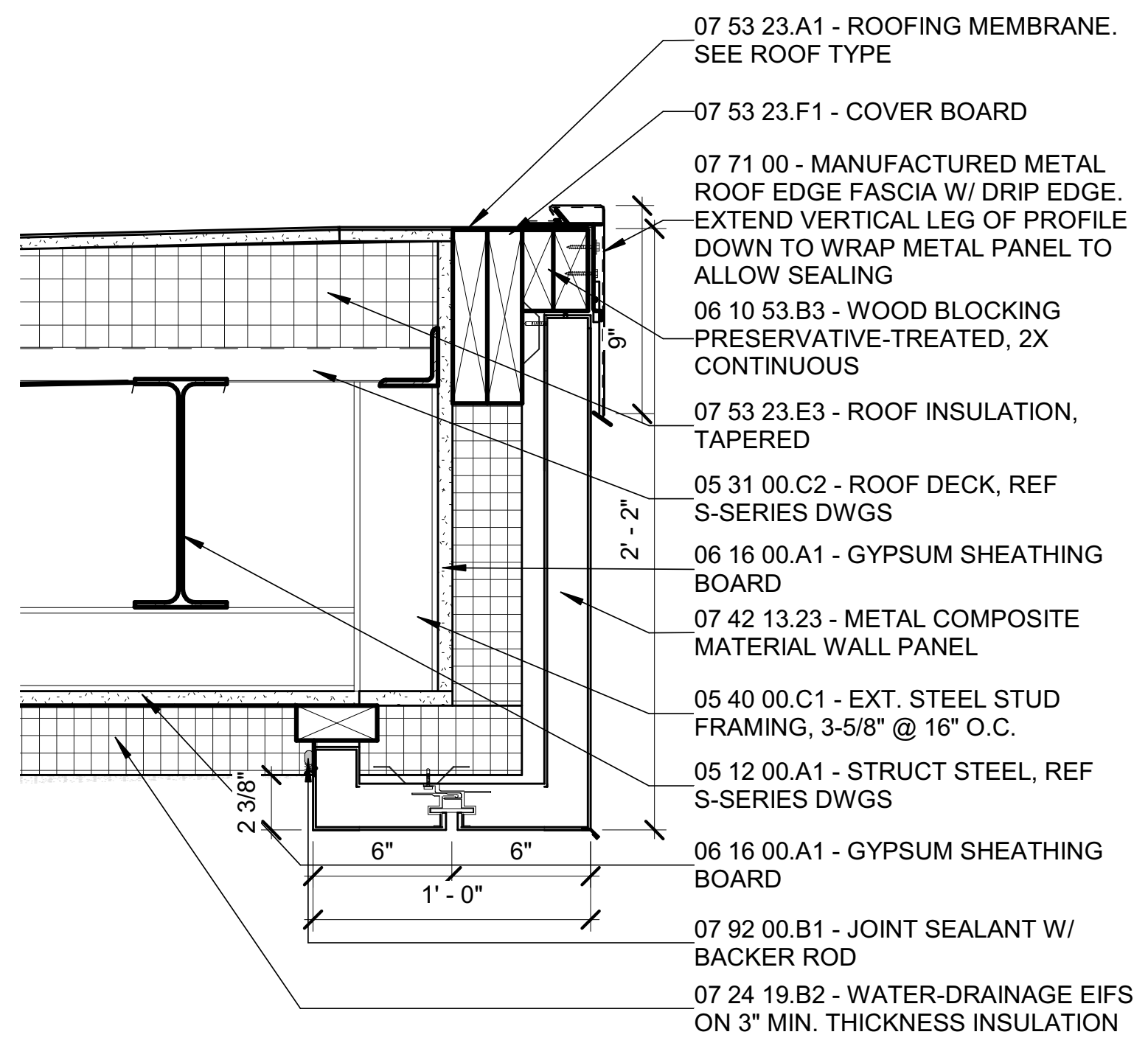


3D CURTAIN WALL PARAPET
1 1/2" = 1'-0"

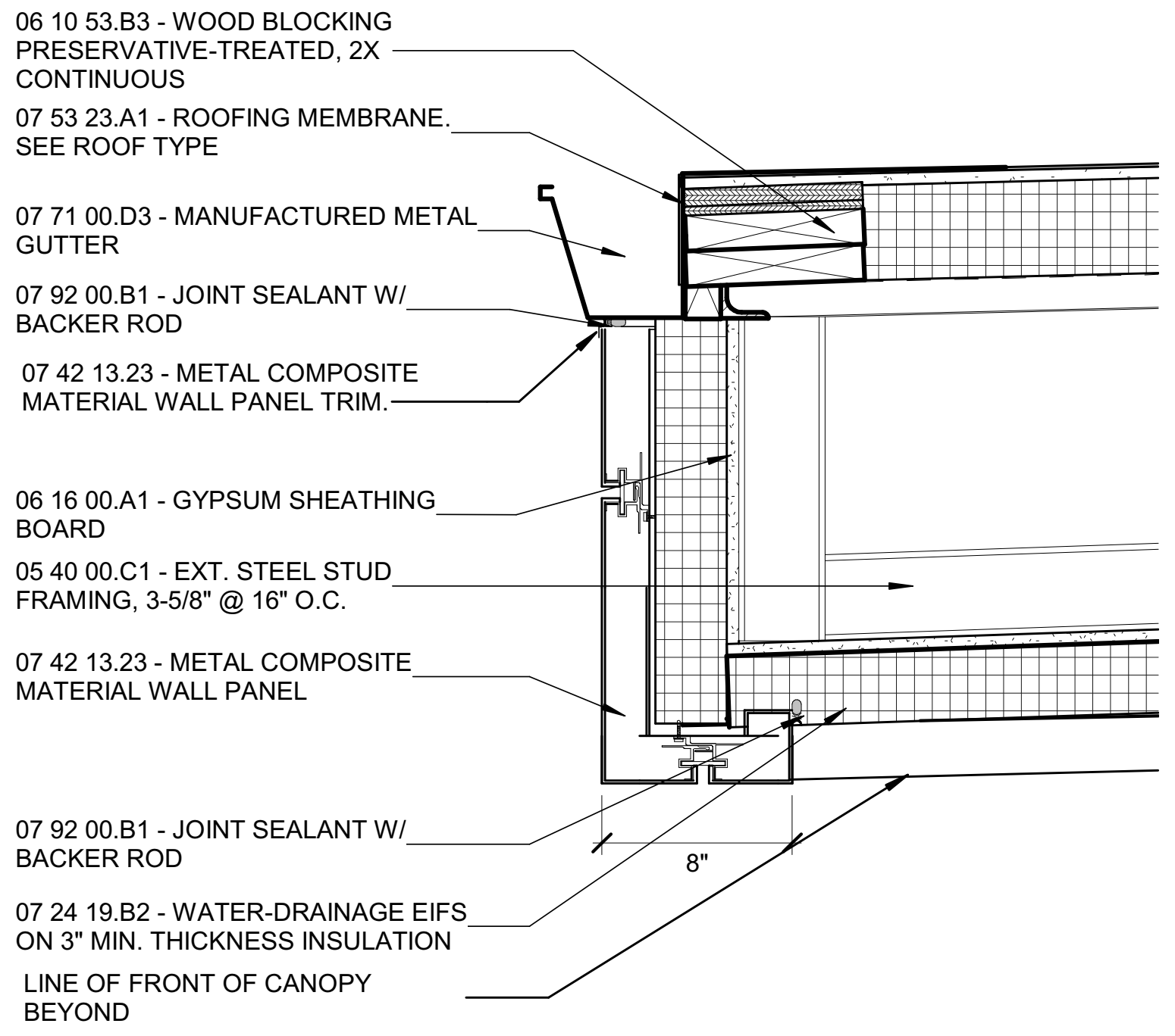


NOTE:
METAL WALL PANEL TERMINATION PER MANUFACTURER INSTRUCTIONS.

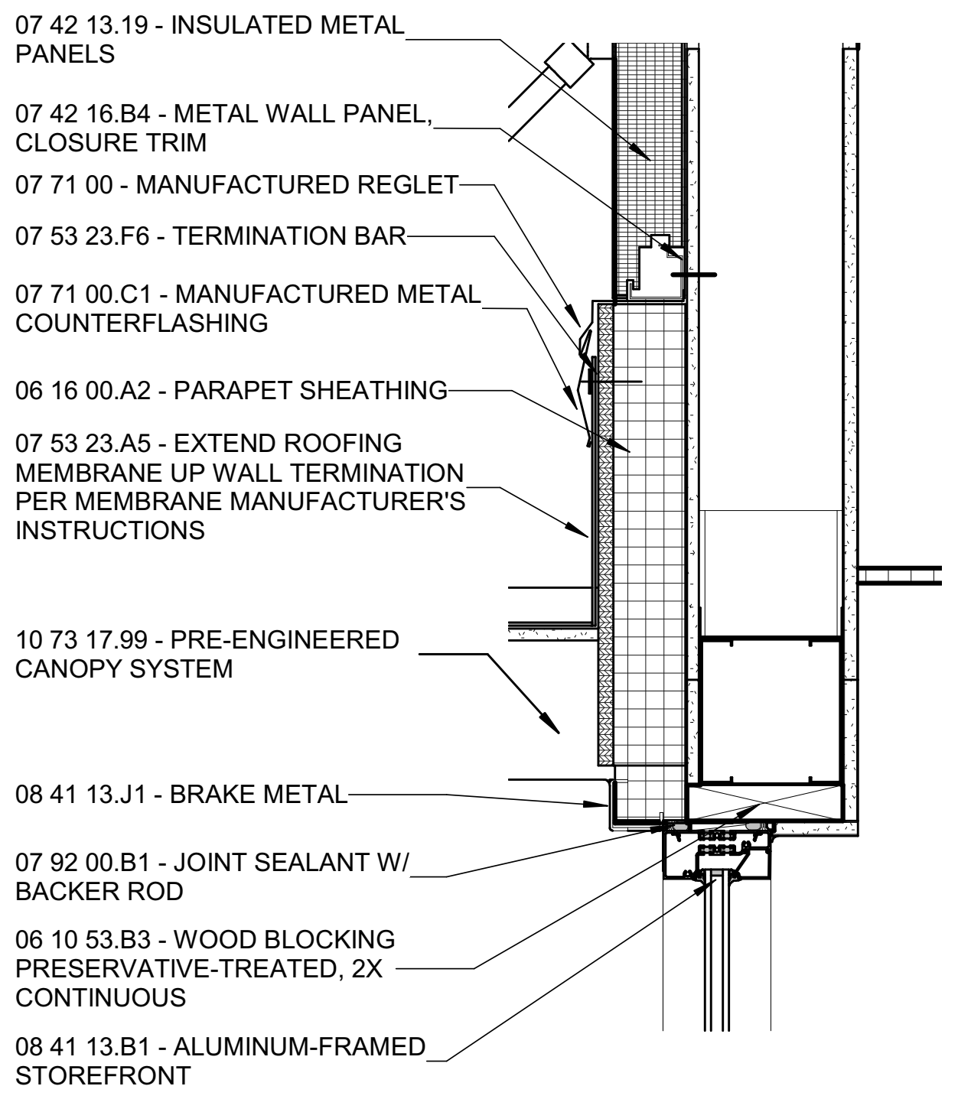
2E ROOF TERMINATION
1 1/2" = 1'-0"



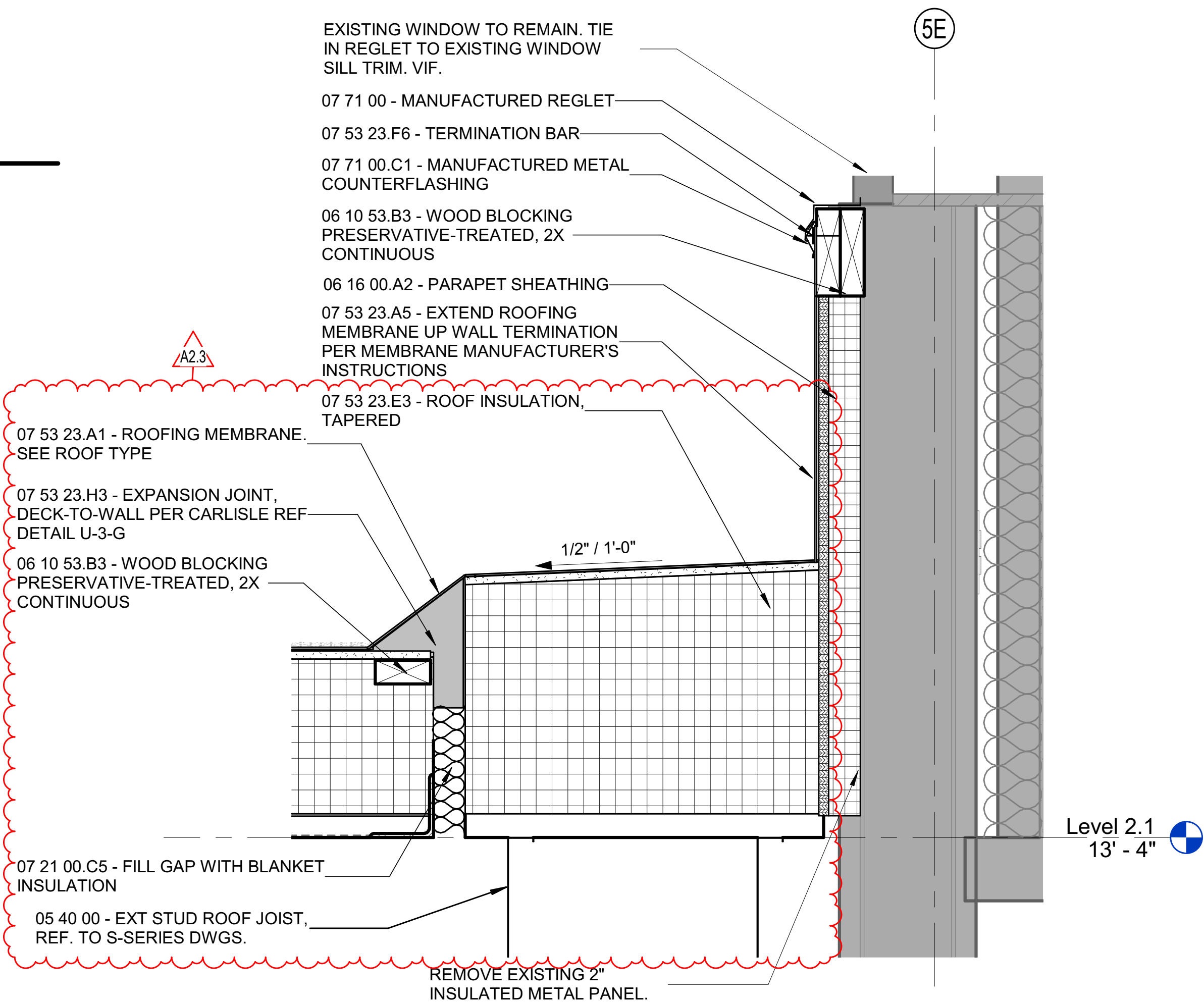
1D SECTION DETAIL - TYP EXTERIOR CANOPY
1 1/2" = 1'-0"



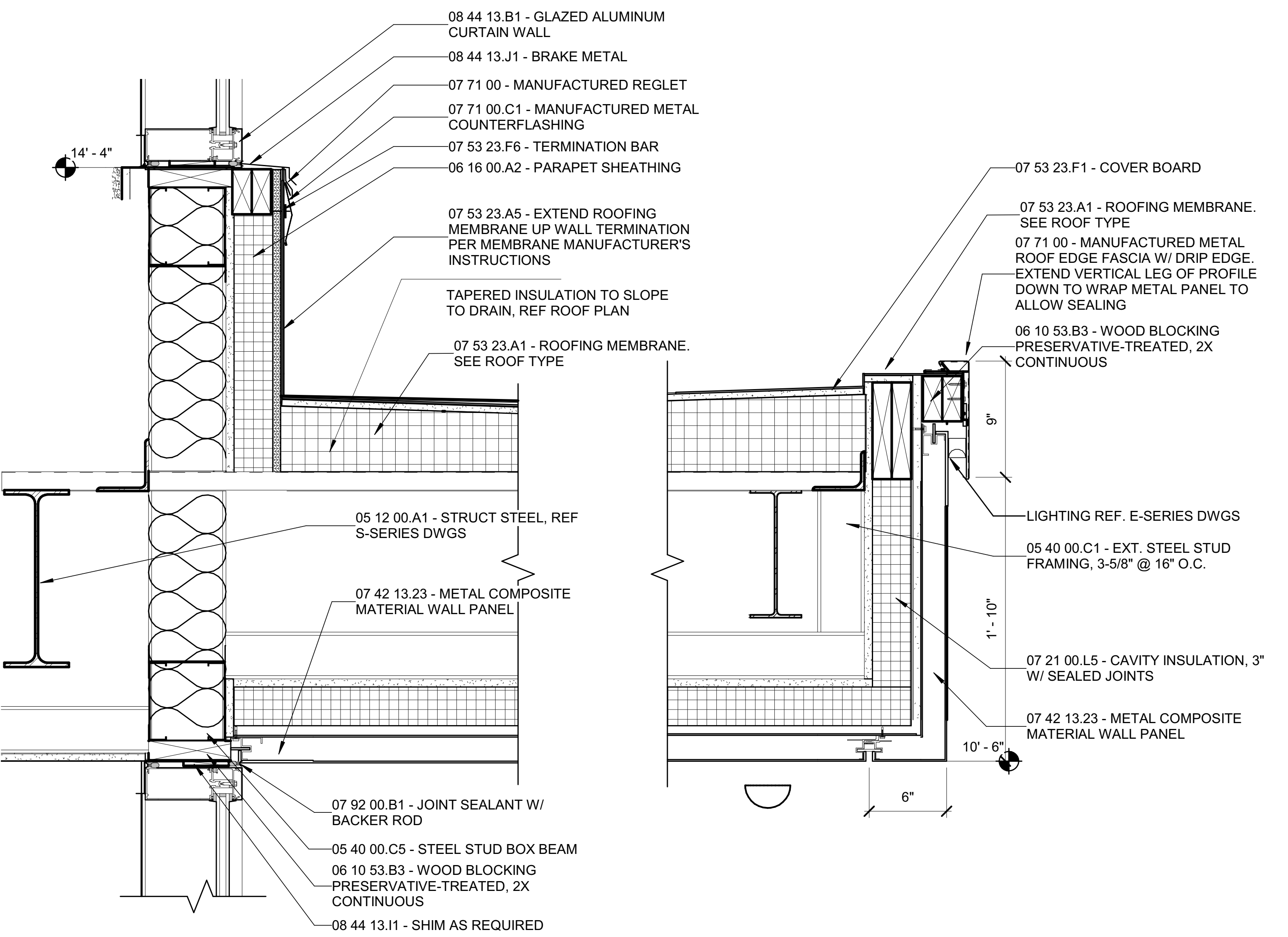
6C SECTION DETAIL @ END OF CANOPY
1 1/2" = 1'-0"



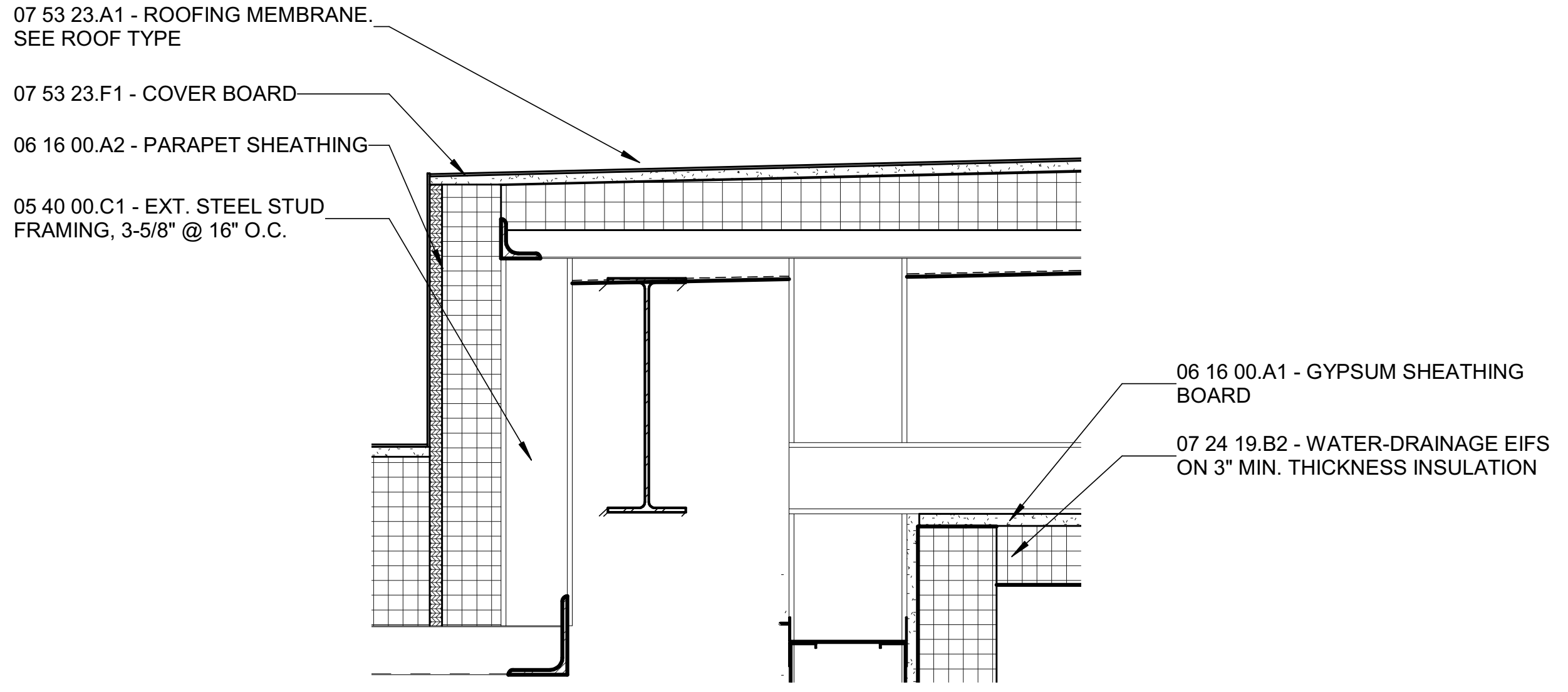
5C SECTION DETAIL @ CANOPY UNIT E
1 1/2" = 1'-0"



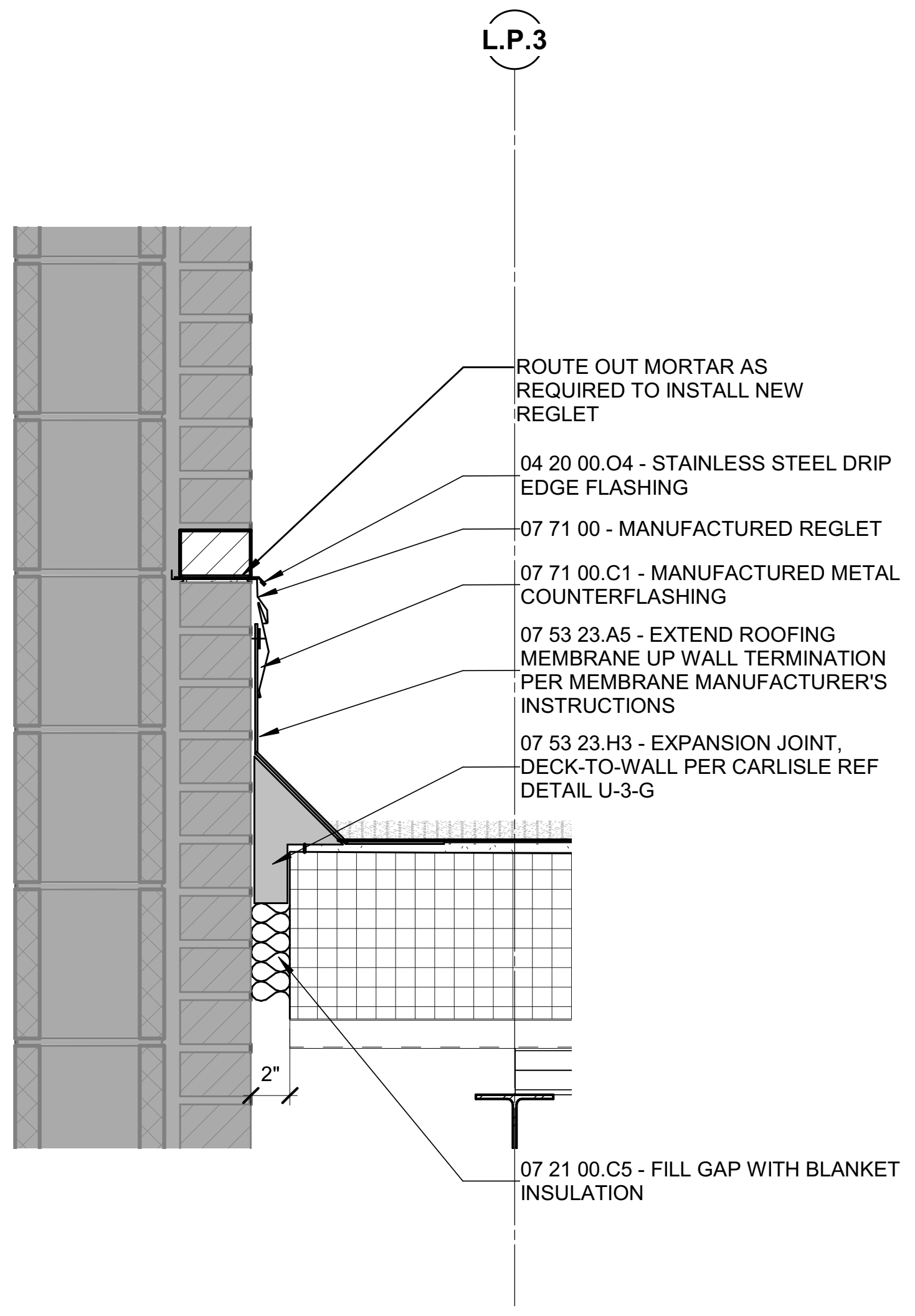
3C SECTION DETAIL - EXPANSION UNIT P @ RECESSED WINDOWS
1 1/2" = 1'-0"



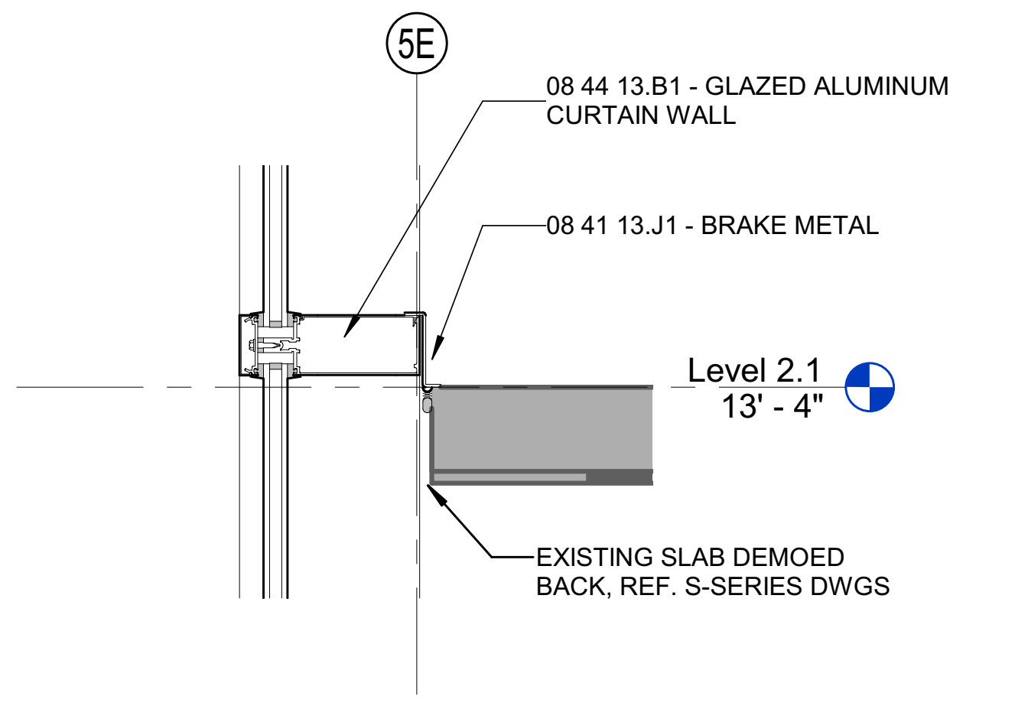
1C SECTION DETAIL - EXTERIOR CANOPY
1 1/2" = 1'-0"



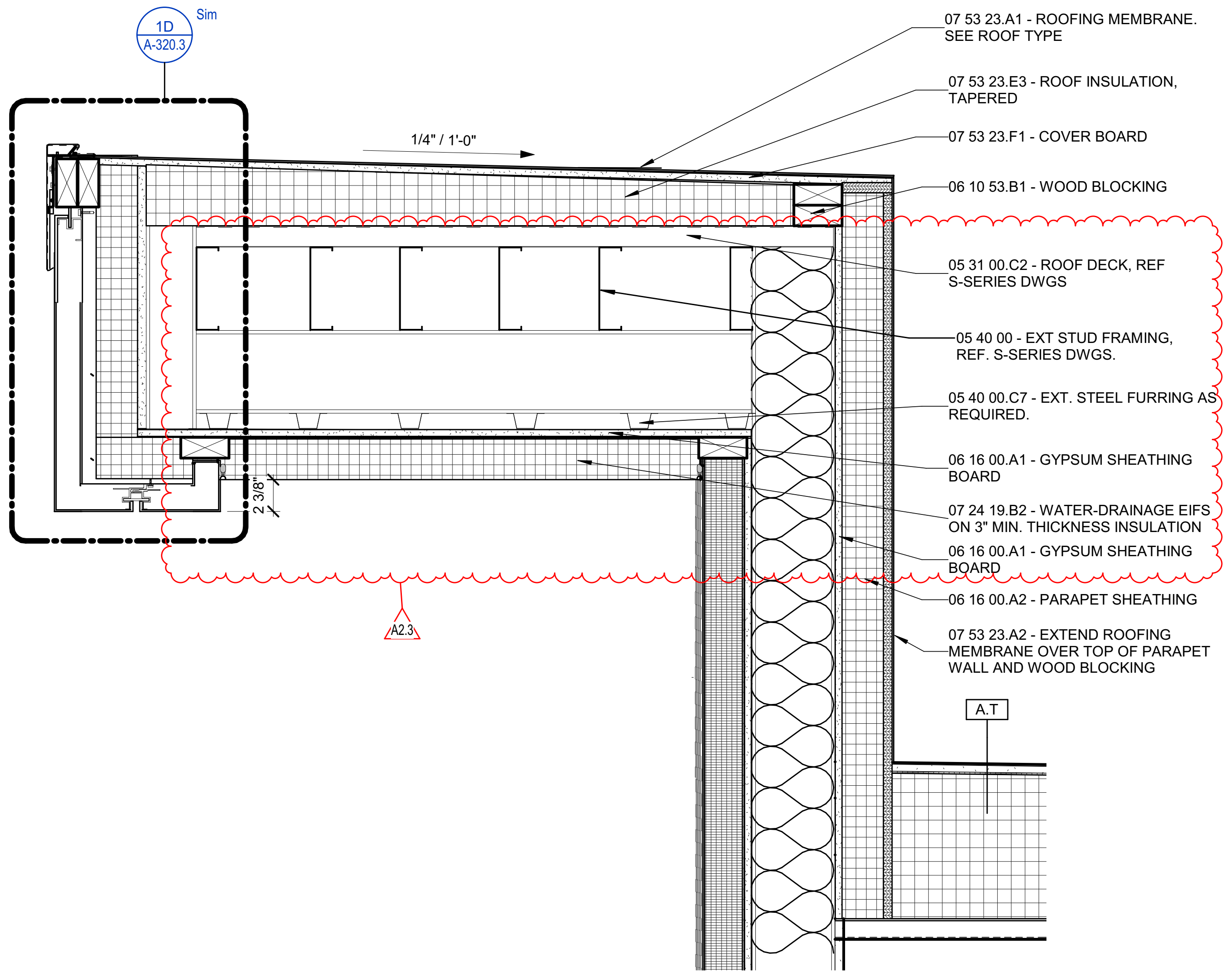
5B SECTION DETAIL @ MAIN ENTRY BACKSIDE CANOPY
1 1/2" = 1'-0"



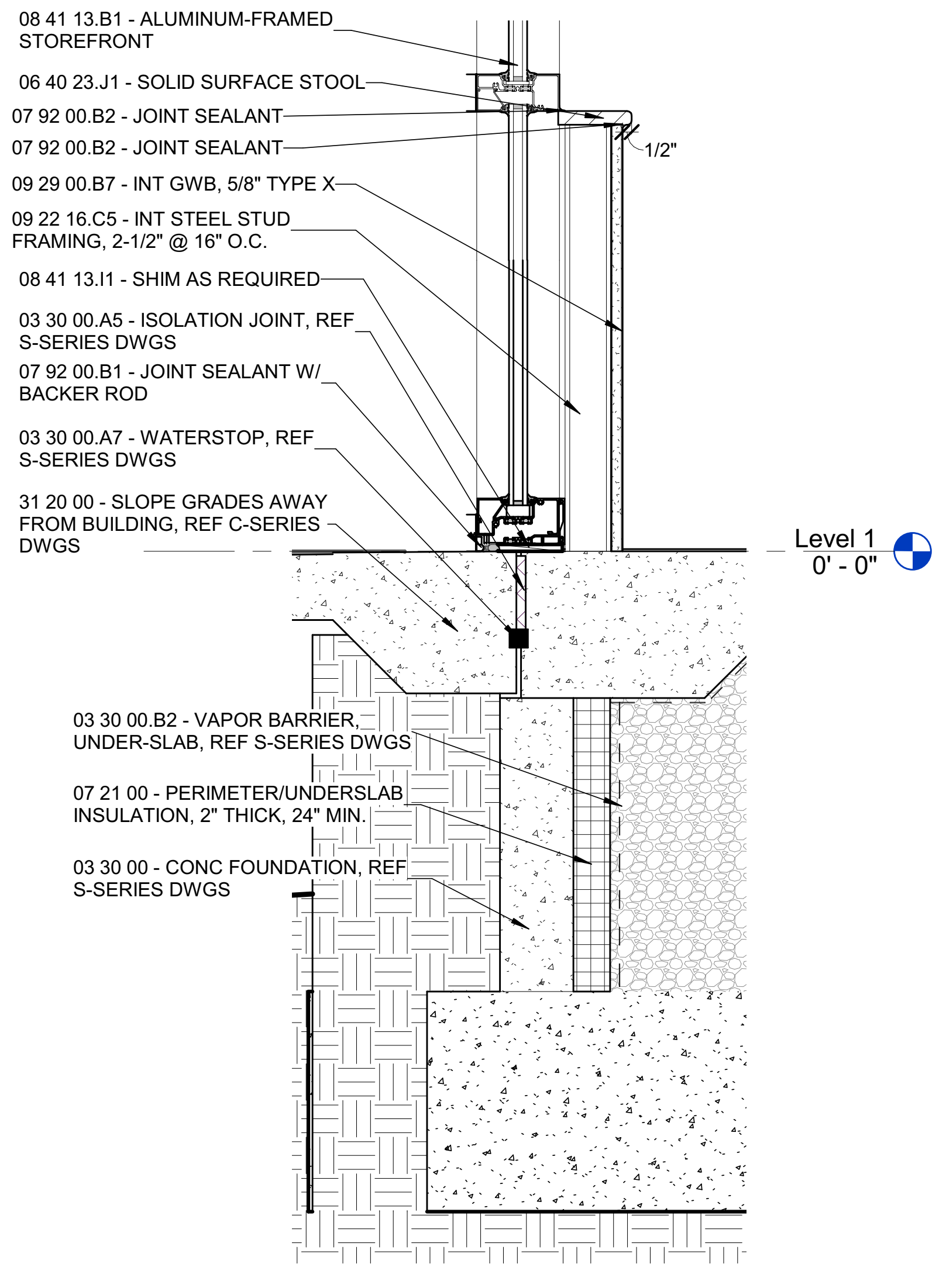
6A SECTION DETAIL @ BRICK EXPANSION JOINT
1 1/2" = 1'-0"



5A SECTION DETAIL @ CURTAIN WALL UNIT P
1 1/2" = 1'-0"



2A SECTION DETAIL - PARAPET
1 1/2" = 1'-0"



1A SECTION DETAIL - STOREFRONT FOUNDATION
1 1/2" = 1'-0"

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Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
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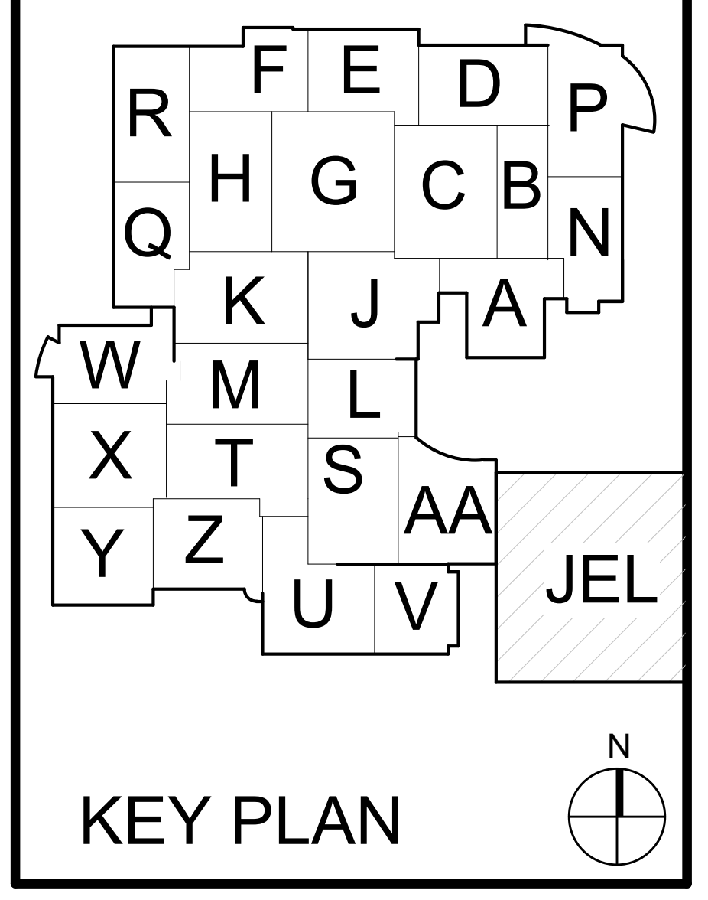
SARAH KATHLEEN HEMPSTEAD
REGISTERED
NO. AR10400134
STATE OF INDIANA
ARCHITECT

Sarah K Hempstead

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

1801 East 86th Street
Indianapolis, IN 46240



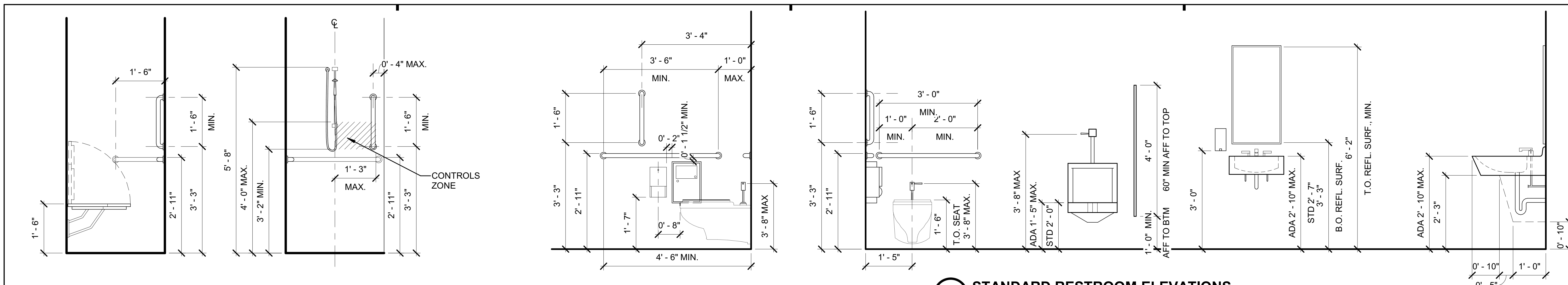
KEY PLAN

M.S.D. of Washington Township

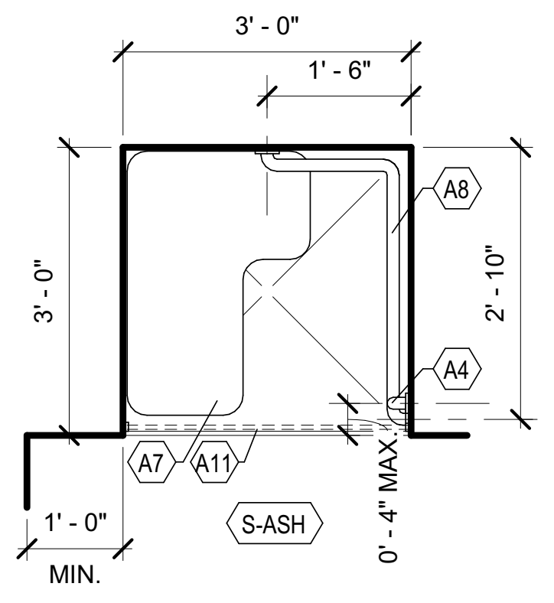
North Central High School
Renovation - Additions
Phase 3

WALL SECTION DETAILS

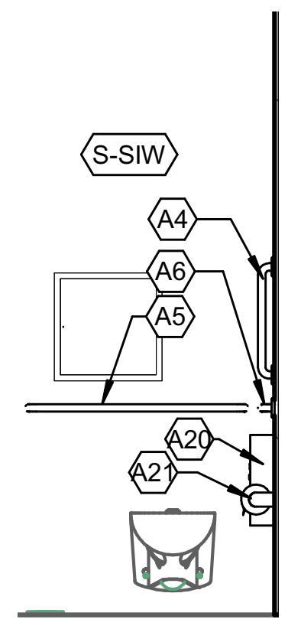
A-320.3



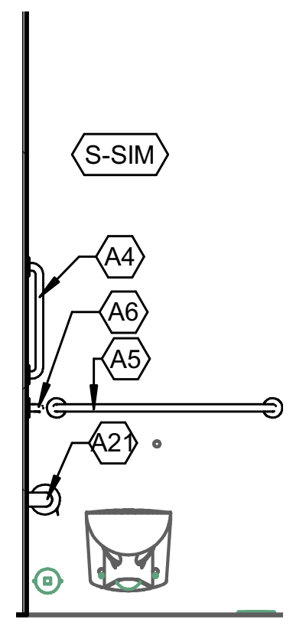
4E STANDARD RESTROOM ELEVATIONS
1/2" = 1'-0"



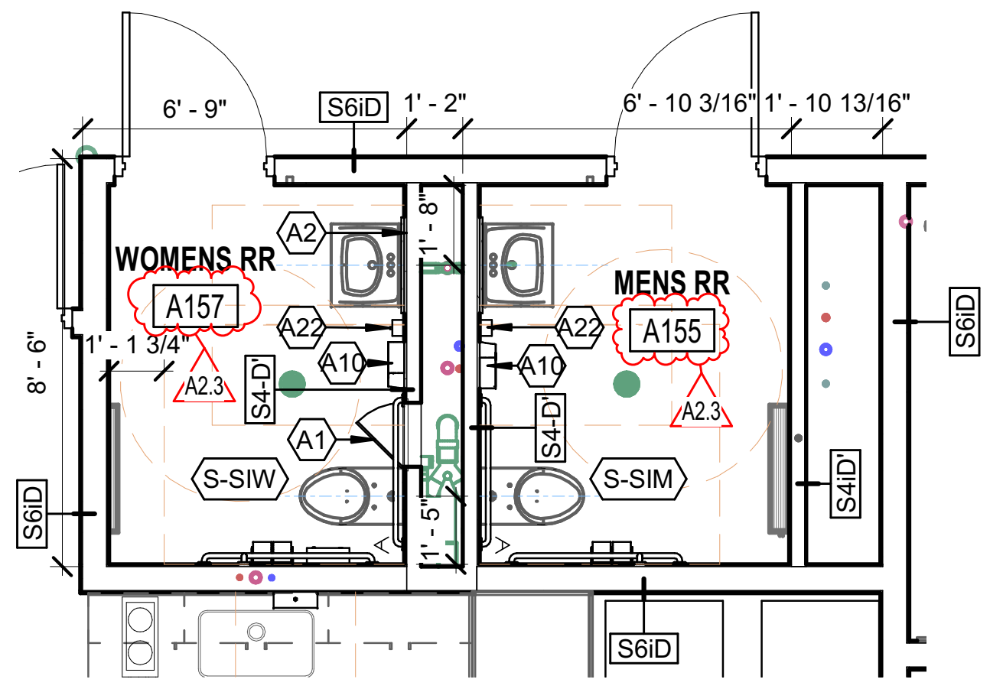
6D ADA SHOWER LAYOUT, TYP. S-ASH
1/2" = 1'-0"



4D SINGLE RR LAYOUT, TYP. S-SIW
3/8" = 1'-0"



3D SINGLE RR LAYOUT, TYP. S-SIM
3/8" = 1'-0"



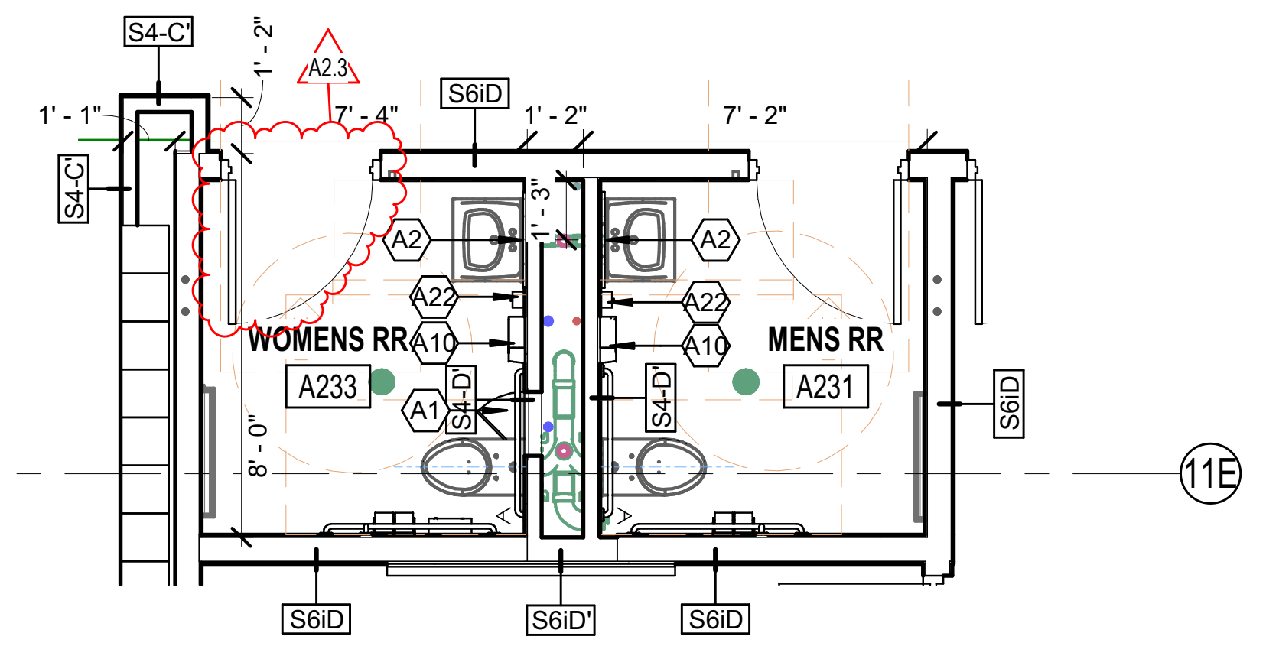
2D SINGLE RESTROOM - TYPICAL
1/4" = 1'-0"

5.4.401 - RESTROOM ACCESSORY SCHEDULE - P3

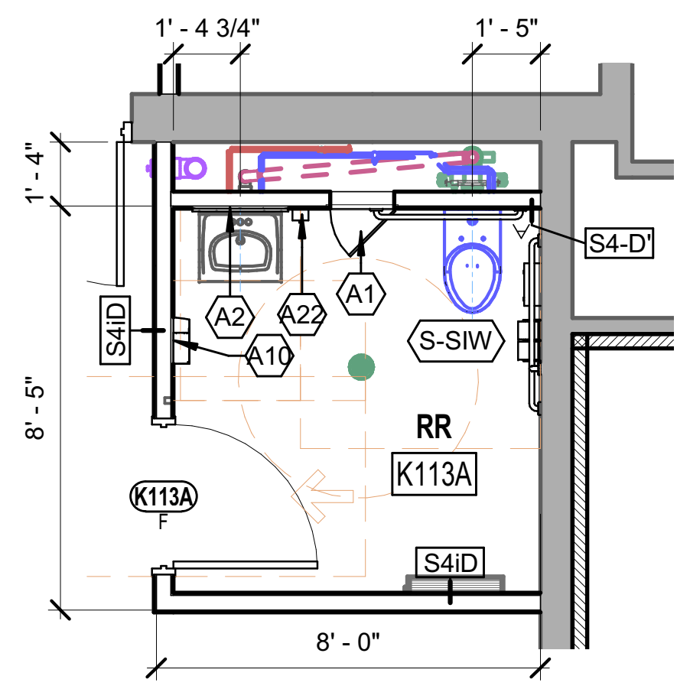
Type Mark	Keynote	Description	Mounting	Furnished By	Installed By
A1	08 31 13	ACCESS DOOR - 16" X 16"	BOTTOM @ 40" AFF	CONTRACTOR	CONTRACTOR
A2	10 28 13	MIRROR - 24" X 36"	BOTTOM @ 4" ABOVE FIXTURE	CONTRACTOR	CONTRACTOR
A3	10 28 00	CHANGING TABLE - RECESSED	UNDERSIDE OF BED @ 2' - 3" MIN AFF	CONTRACTOR	CONTRACTOR
A4	10 28 00	GRAB BAR - 18" VERTICAL	BOTTOM @ 40" AFF	CONTRACTOR	CONTRACTOR
A5	10 28 00	GRAB BAR - 36" HORIZONTAL	TOP @ 2'-11" AFF	CONTRACTOR	CONTRACTOR
A6	10 28 00	GRAB BAR - 42" HORIZONTAL	TOP @ 2'-11" AFF	CONTRACTOR	CONTRACTOR
A7	10 28 00	FOLDING SHOWER SEAT, ADA		CONTRACTOR	CONTRACTOR
A8	10 28 00	SHOWER GRAB BAR, BASIS OF DESIGN BOBRICK B-6861	BOTTOM @ 30"	CONTRACTOR	CONTRACTOR
A9	10 28 00	PAPER TOWEL DISPENSER - SLIM	DISPENSER OPENING @ 42" AFF	OWNER	CONTRACTOR
A10	10 28 00	HAND DRYER - SLIM	BOTTOM @ 42" AFF	CONTRACTOR	CONTRACTOR
A11	10 28 00	SHOWER CURTAIN ROD		CONTRACTOR	CONTRACTOR
A20	10 28 00	SANITARY NAPKIN DISPOSAL - SURFACE	TOP @ 30" AFF	CONTRACTOR	CONTRACTOR
A21	10 28 00	TOILET TISSUE DISPENSER - DOUBLE	BOTTOM @ 1'-6 AFF	OWNER	CONTRACTOR
A22	10 28 00	SOAP DISPENSER	BOTTOM @ 4" ABOVE FIXTURE	OWNER	CONTRACTOR
A23	10 21 13	TOILET PARTITION	--	CONTRACTOR	CONTRACTOR
FM	10 28 13	MIRROR - 36" X 72"	BOTTOM @ 12" A.F.F.	CONTRACTOR	CONTRACTOR

5.4.402 - RESTROOM STALL TYPES - P3

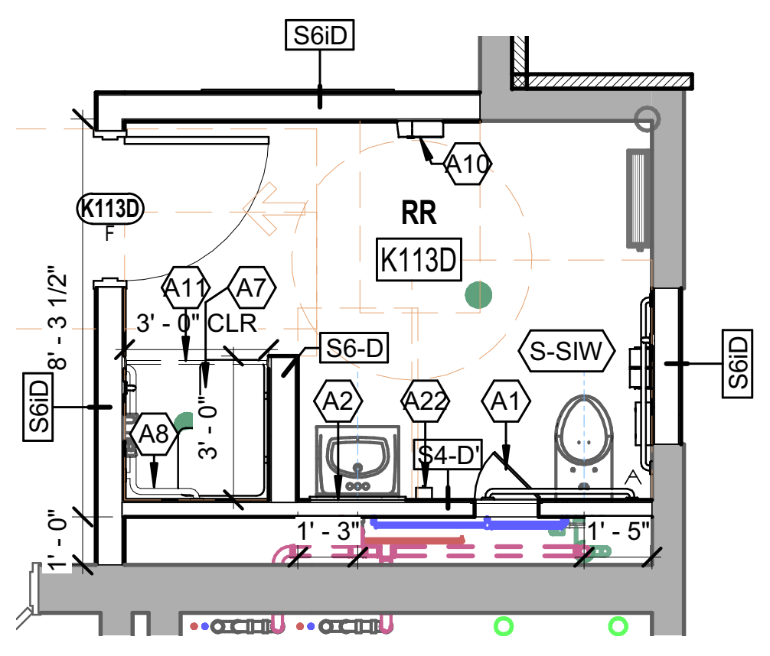
Toilet Stall Mark	Description
S-ADM	ADA - MENS' STALL
S-ADW	ADA - WOMENS' STALL
S-ASH	ADA SHOWER STALL
S-SIM	SINGLE OCCUPANCY STALL
S-SIW	SINGLE OCCUPANCY STALL
S-STM	STANDARD - MENS' STALL
S-STW	STANDARD - WOMENS' STALL



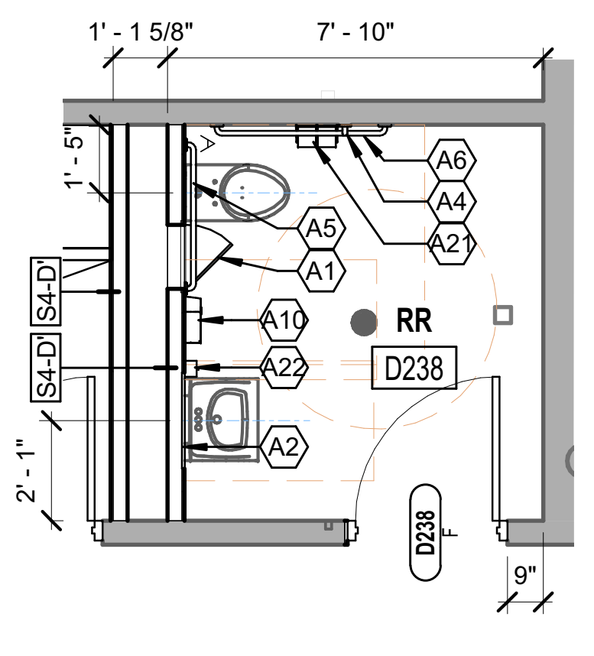
5C UNIT F RESTROOM - SECOND FLOOR
1/4" = 1'-0"



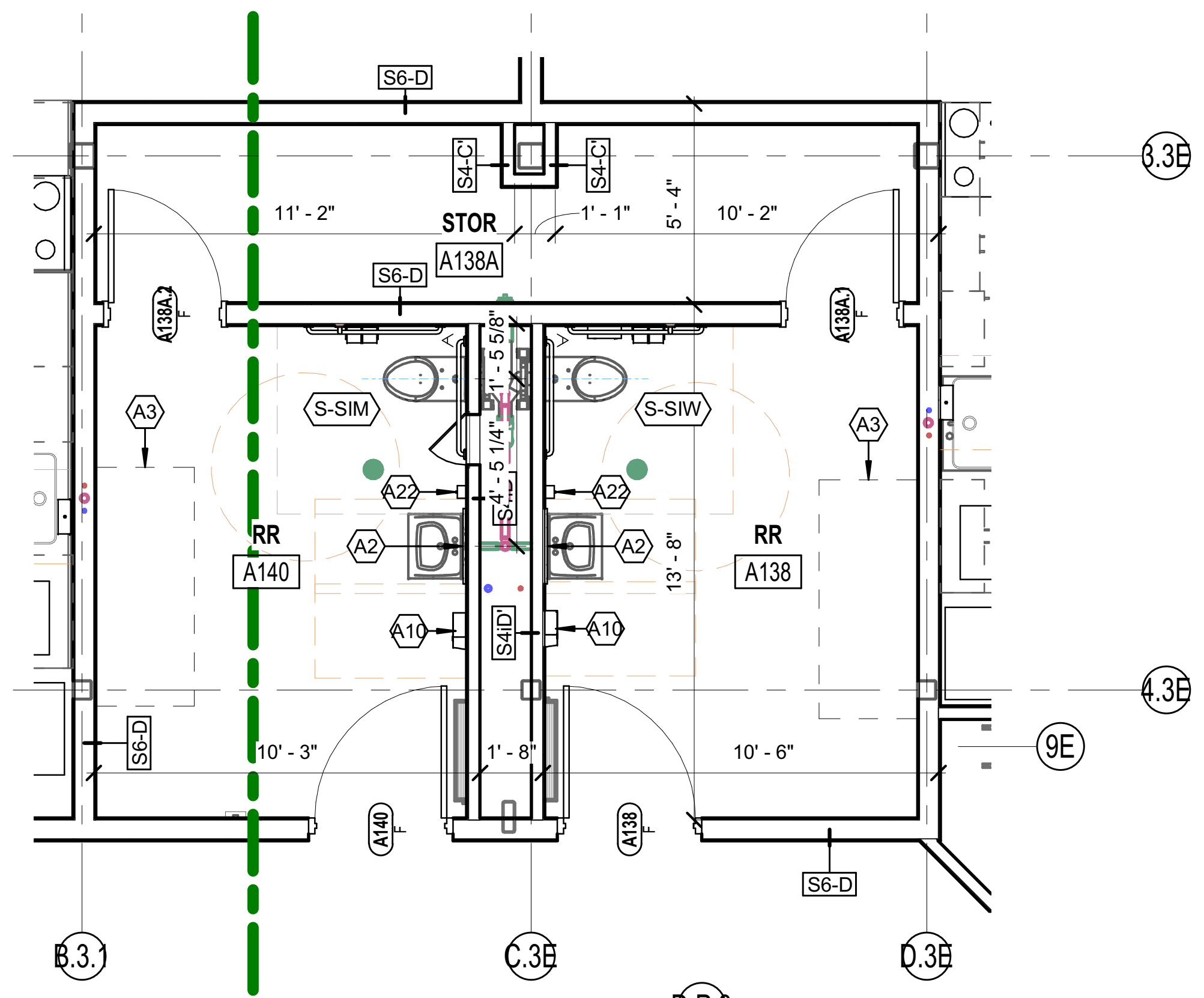
4C UNIT J RESTROOM - FIRST FLOOR
1/4" = 1'-0"



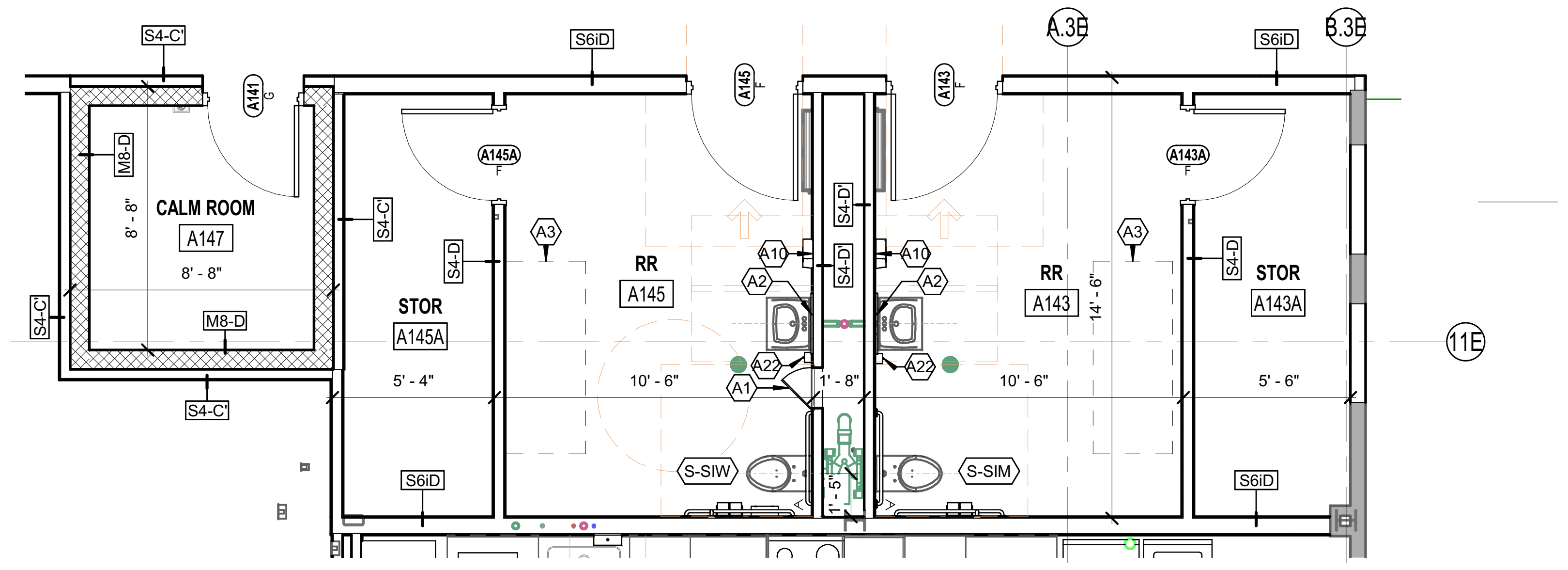
3C UNIT J RESTROOM - FIRST FLOOR
1/4" = 1'-0"



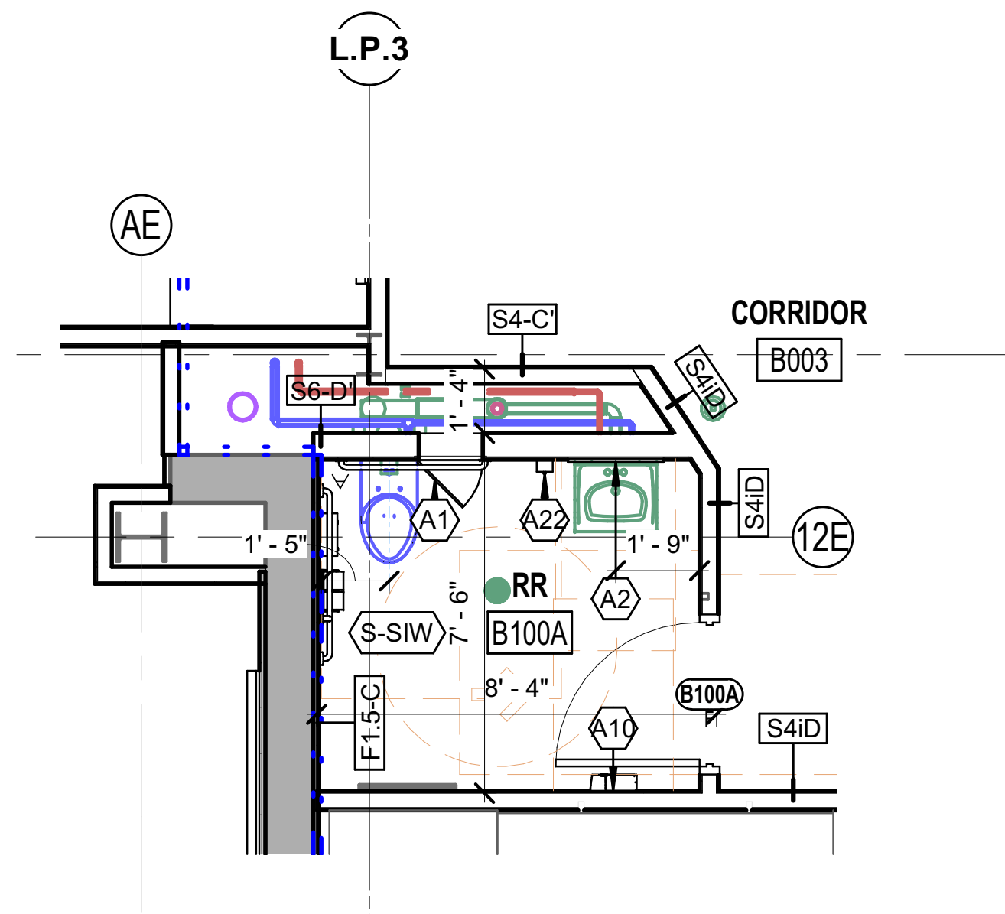
2C UNIT H RESTROOM - SECOND FLOOR
1/4" = 1'-0"



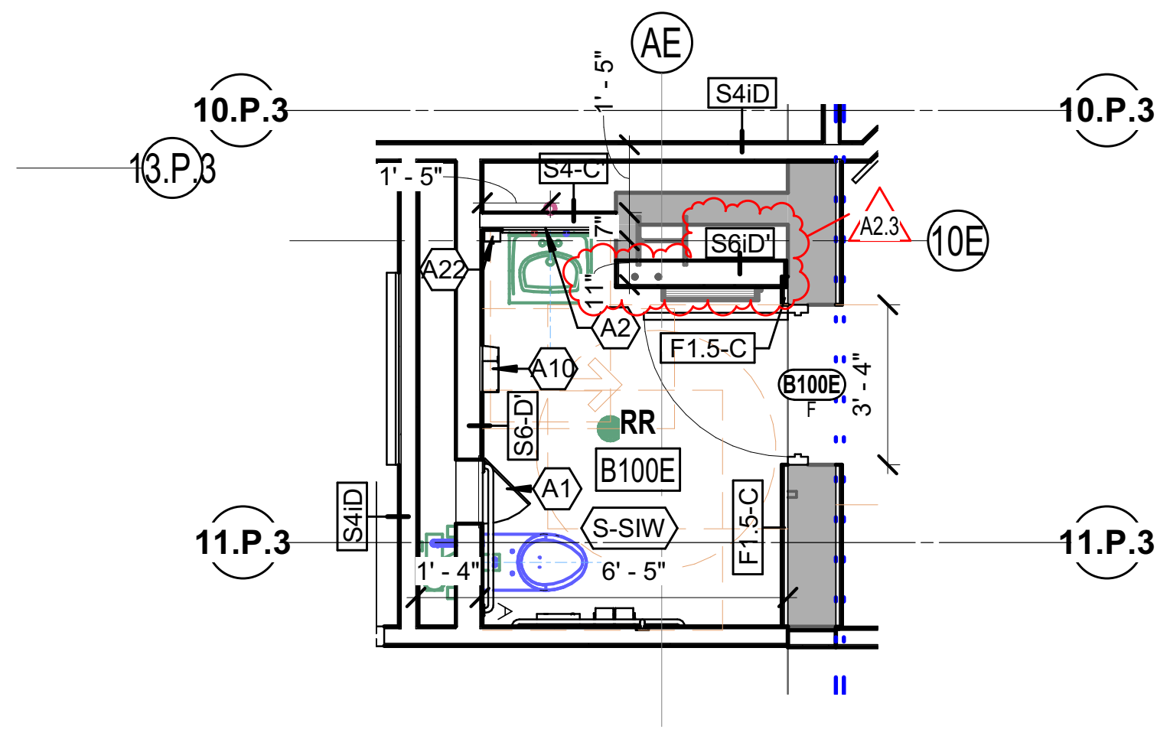
5B UNIT F RESTROOM - FIRST FLOOR
1/4" = 1'-0"



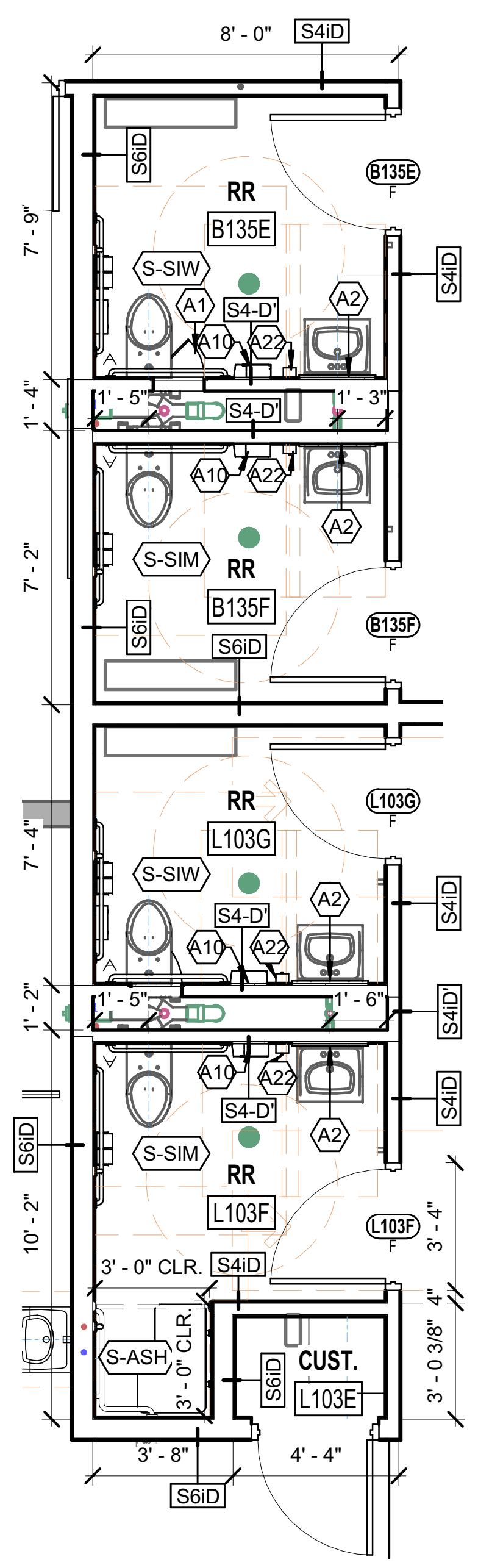
3B UNIT F RESTROOM - FIRST FLOOR
1/4" = 1'-0"



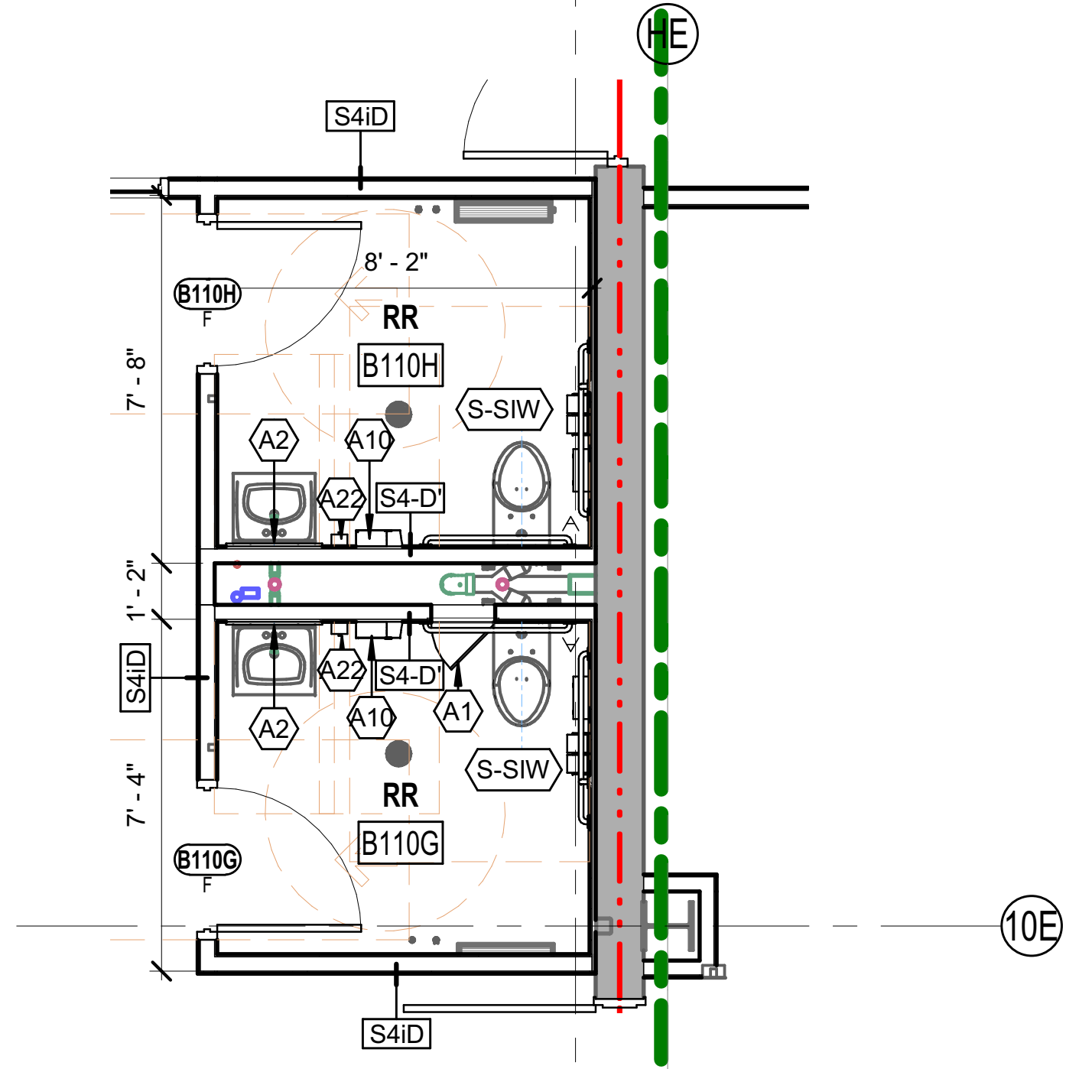
2B UNIT P RESTROOM - FIRST FLOOR
1/4" = 1'-0"



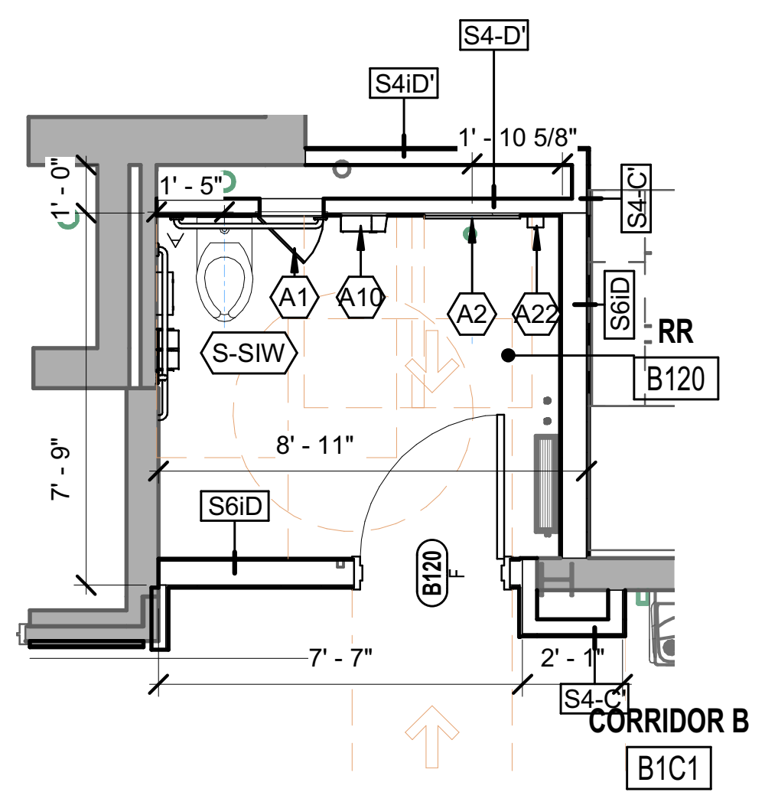
1B UNIT P RESTROOM - FIRST FLOOR
1/4" = 1'-0"



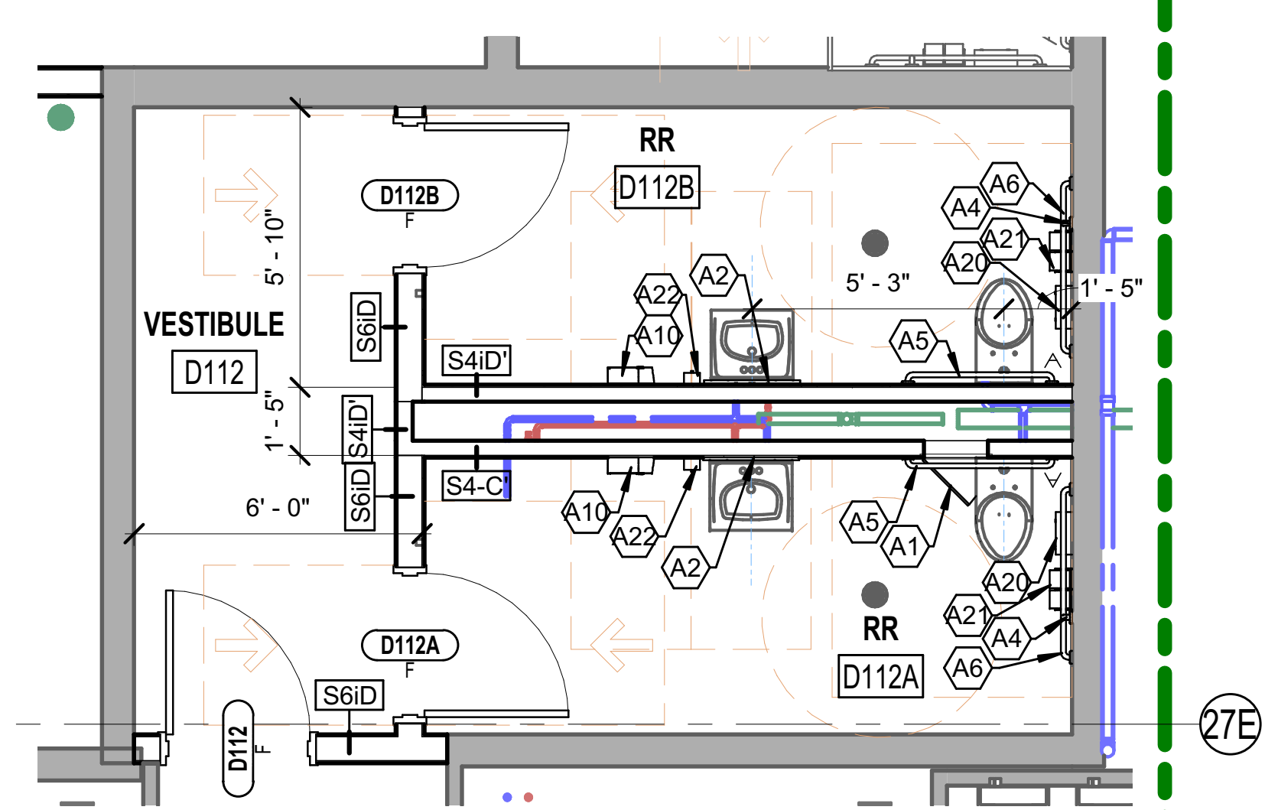
6A UNIT H RESTROOMS - FIRST FLOOR
1/4" = 1'-0"



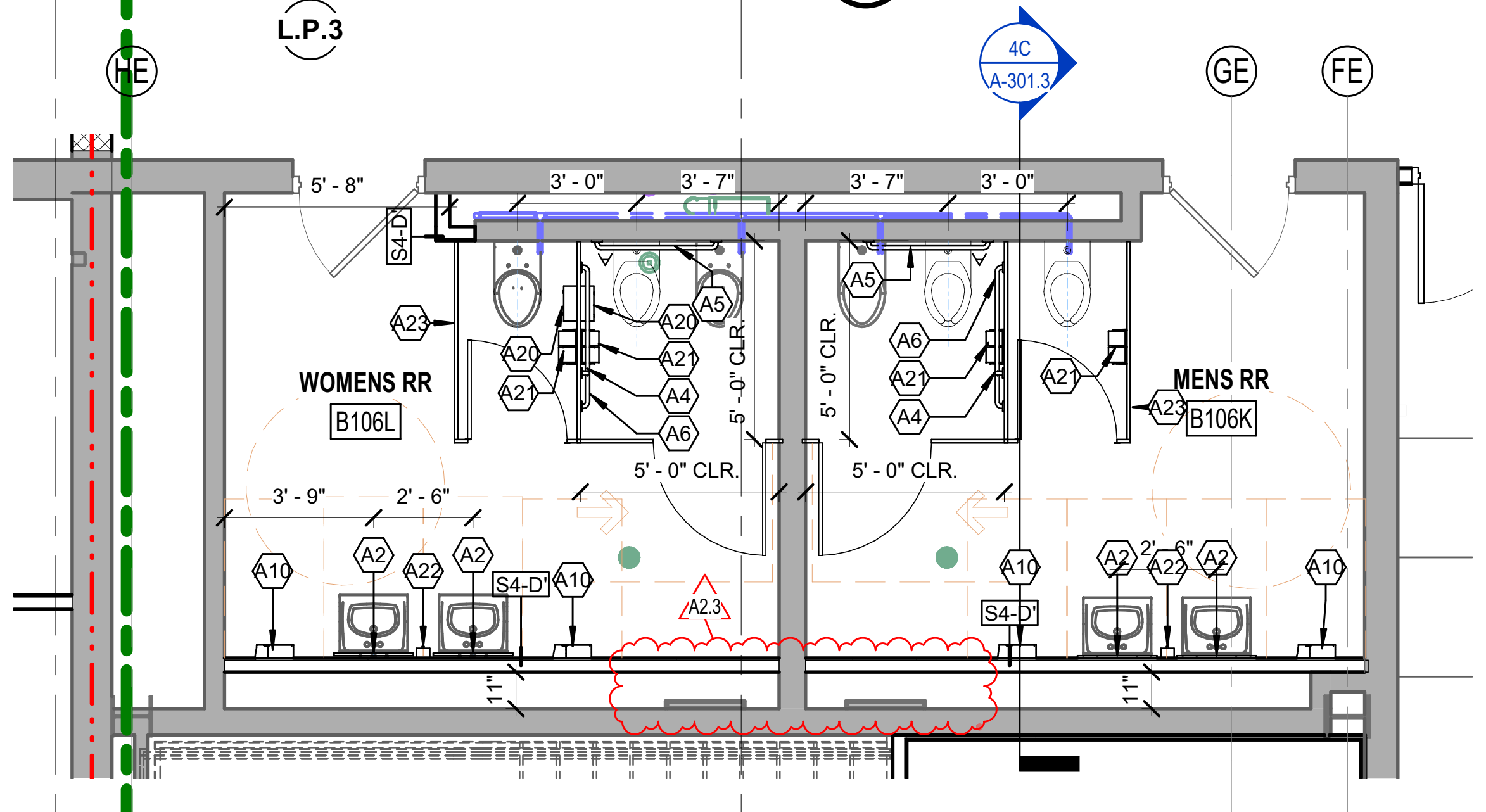
5A UNIT D RESTROOM - FIRST FLOOR
1/4" = 1'-0"



4A UNIT D RESTROOM - FIRST FLOOR
1/4" = 1'-0"



3A UNIT C RESTROOM - FIRST FLOOR
1/4" = 1'-0"



1A UNIT P RESTROOM - FIRST FLOOR
1/4" = 1'-0"

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Project No. 2019-067.NCH
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Produced SLS DJK

SARAH KATHLEEN HEMPSTEAD
NO. AR10400134

Sarah K Hempstead

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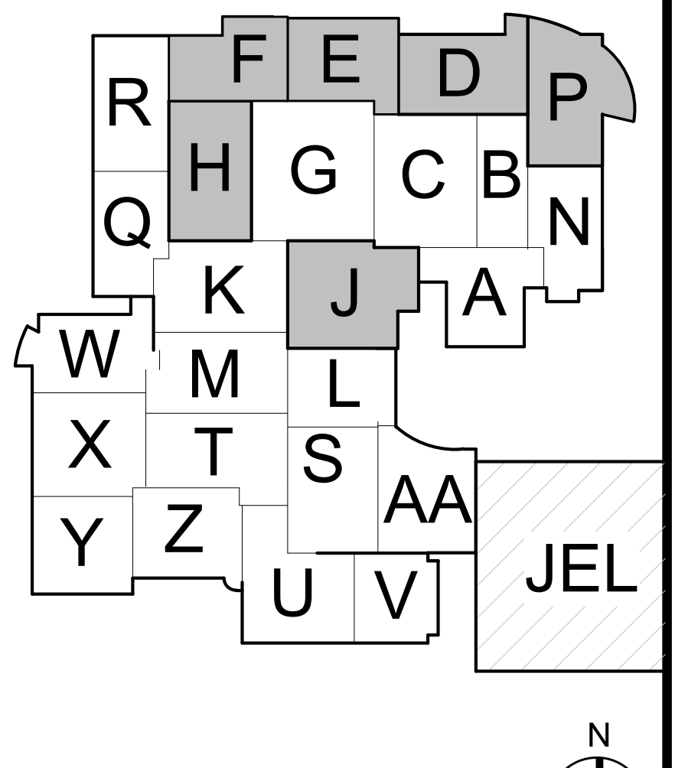
#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

1801 East 86th Street
Indianapolis, IN 46240



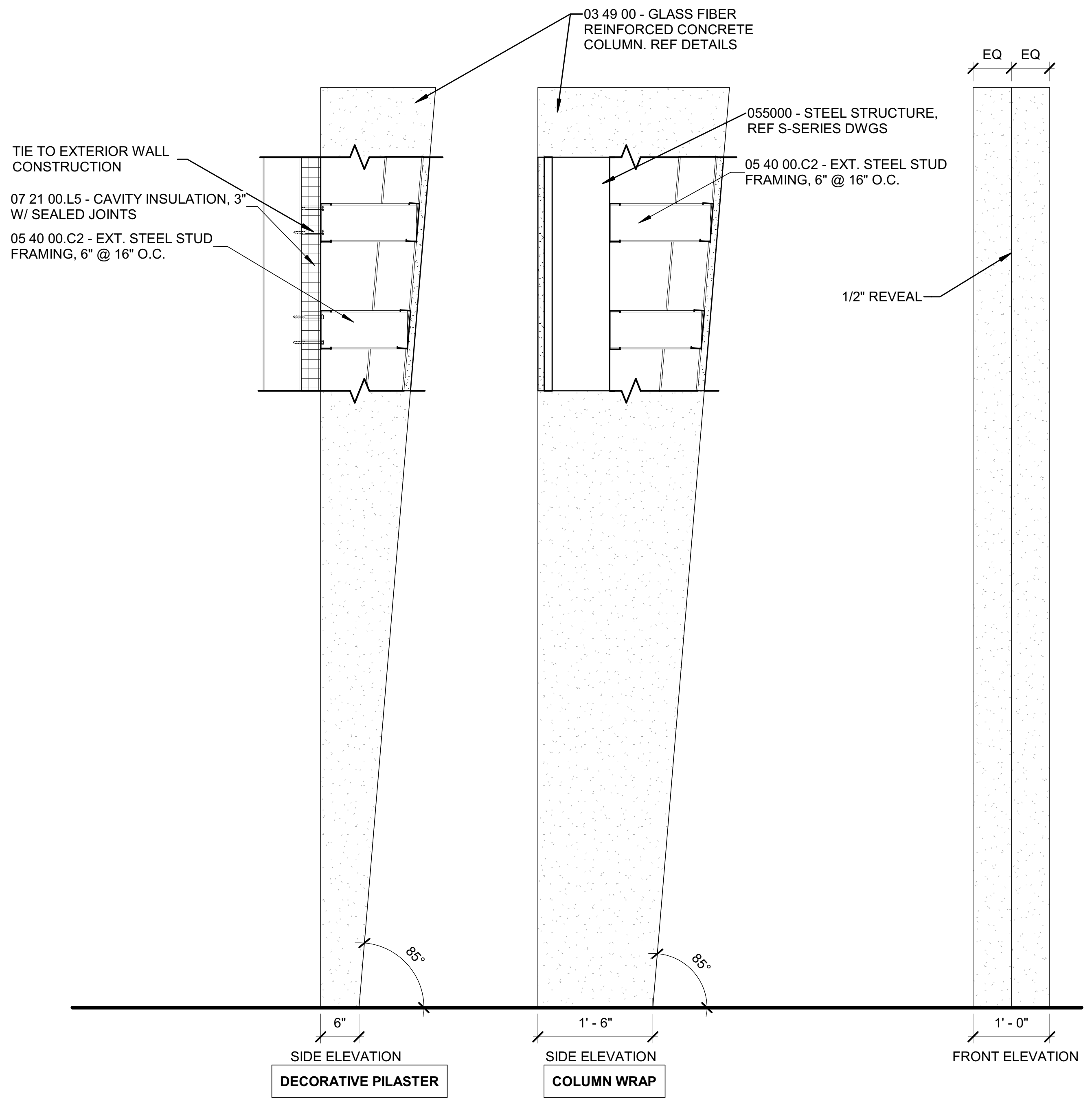
KEY PLAN

M.S.D. of Washington Township

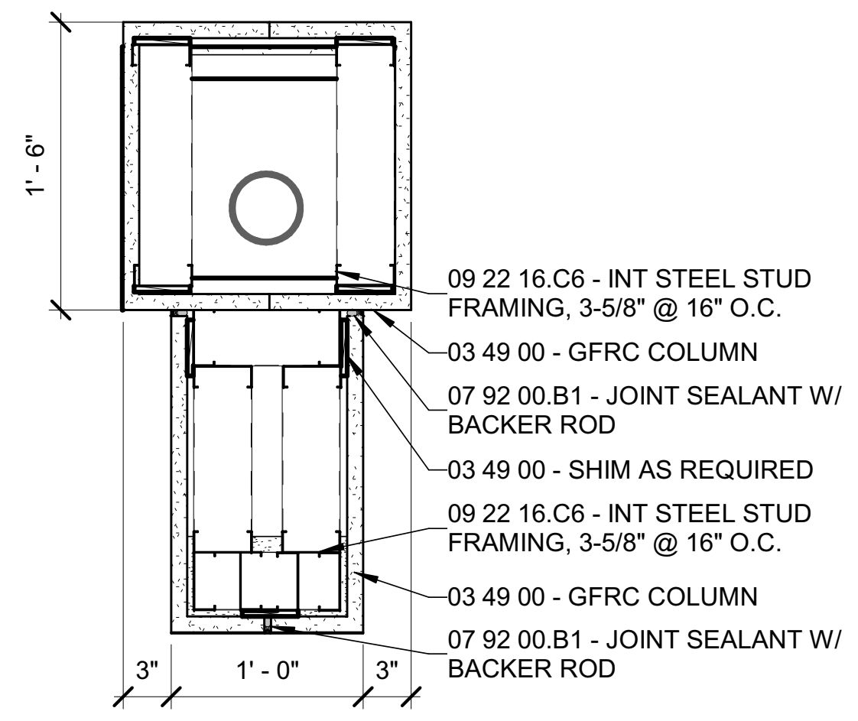
North Central High School
Renovation - Additions
Phase 3

ENLARGED RESTROOM PLANS

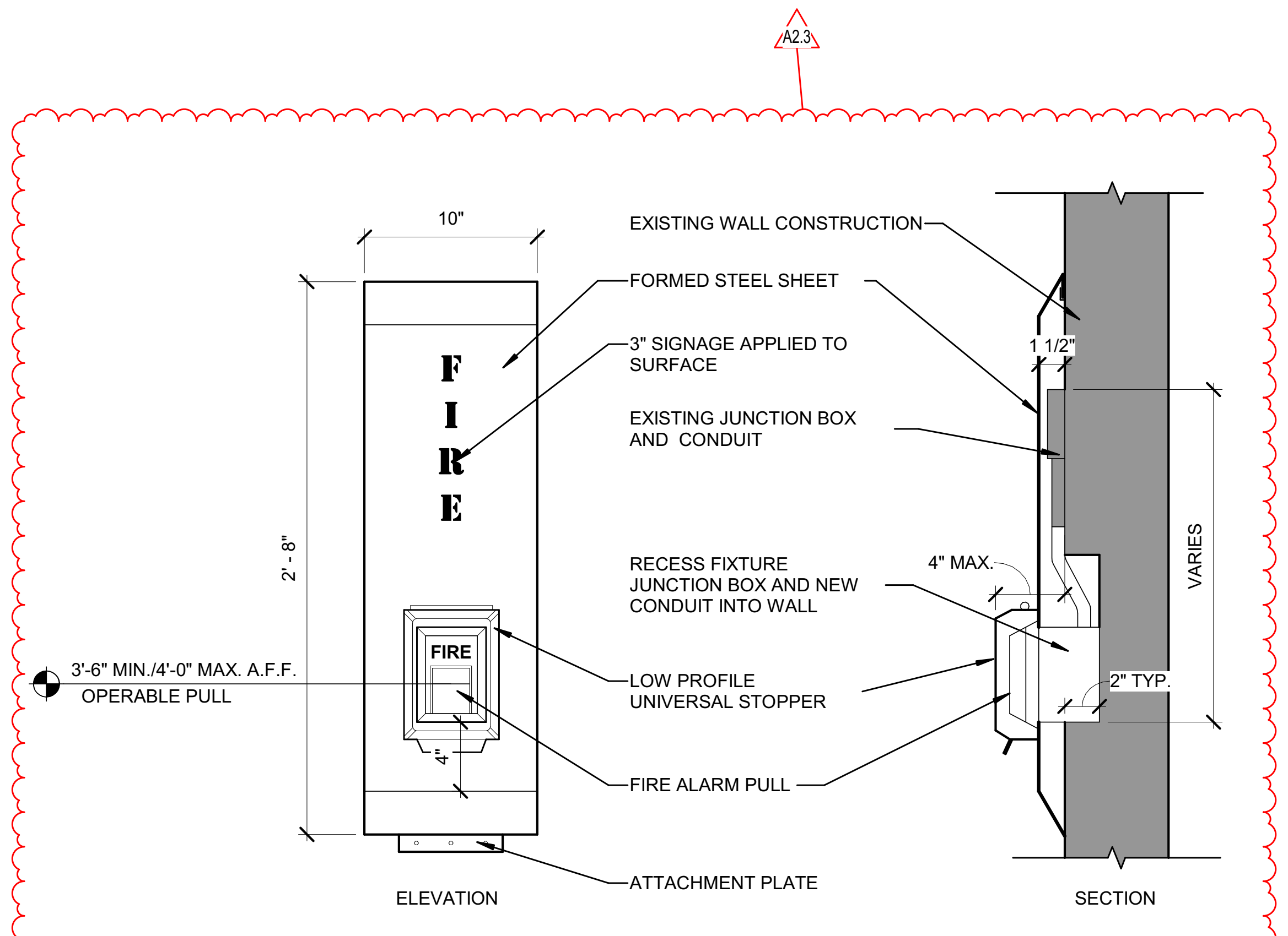
A-400.3



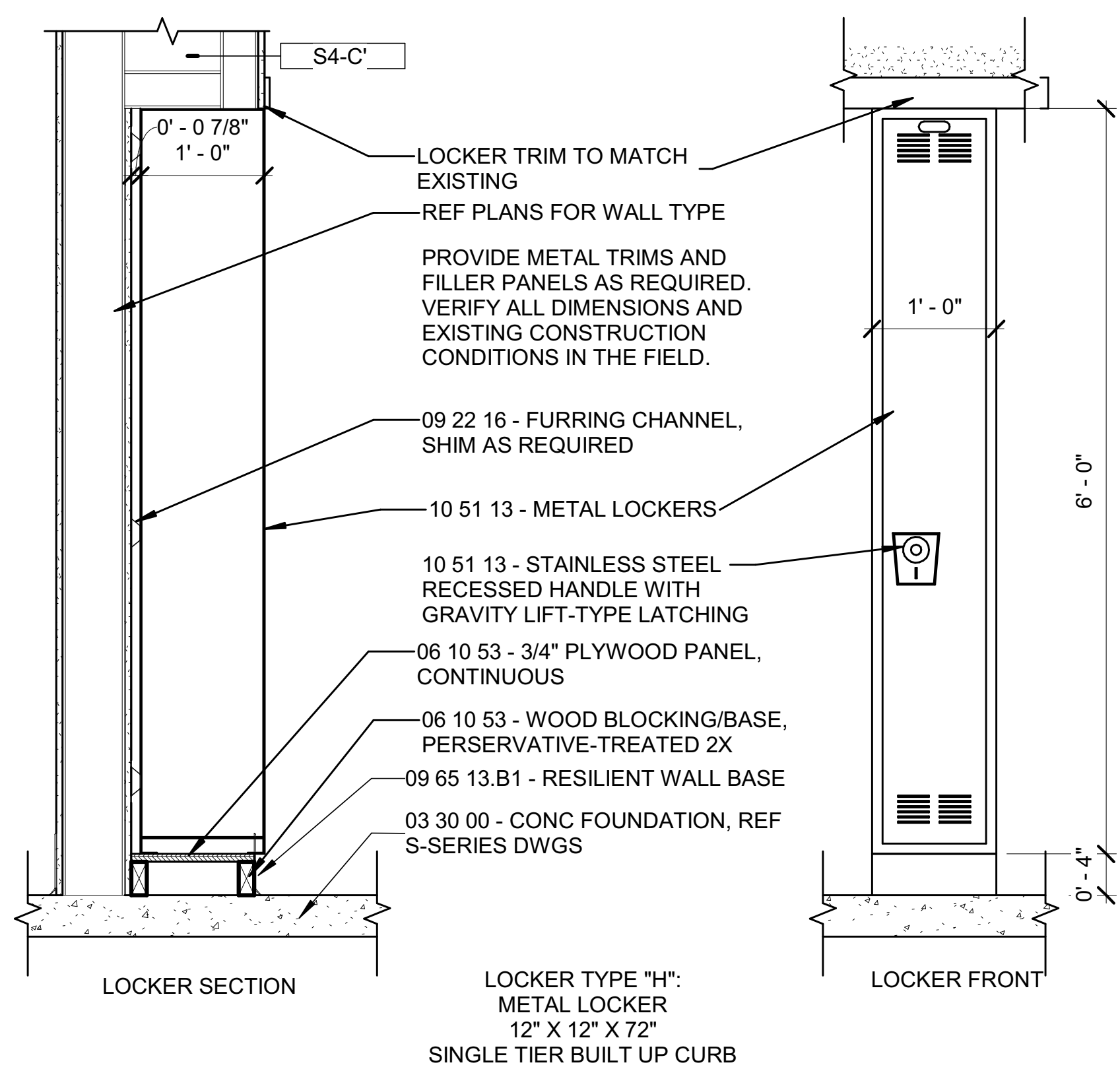
EXTERIOR PILASTER PROFILES
3/4" = 1'-0"



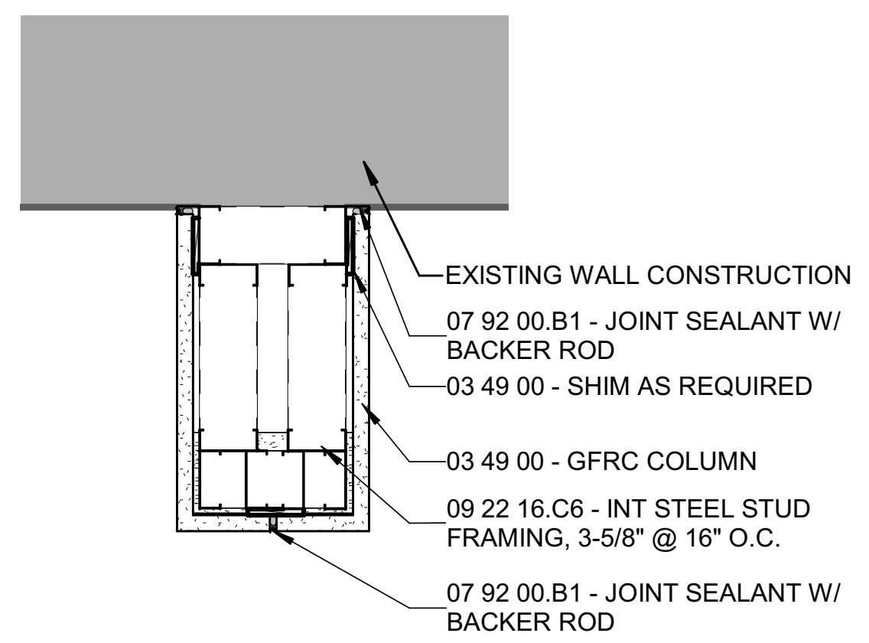
4D PLAN DETAIL - PILASTER COLUMN COVER
1" = 1'-0"



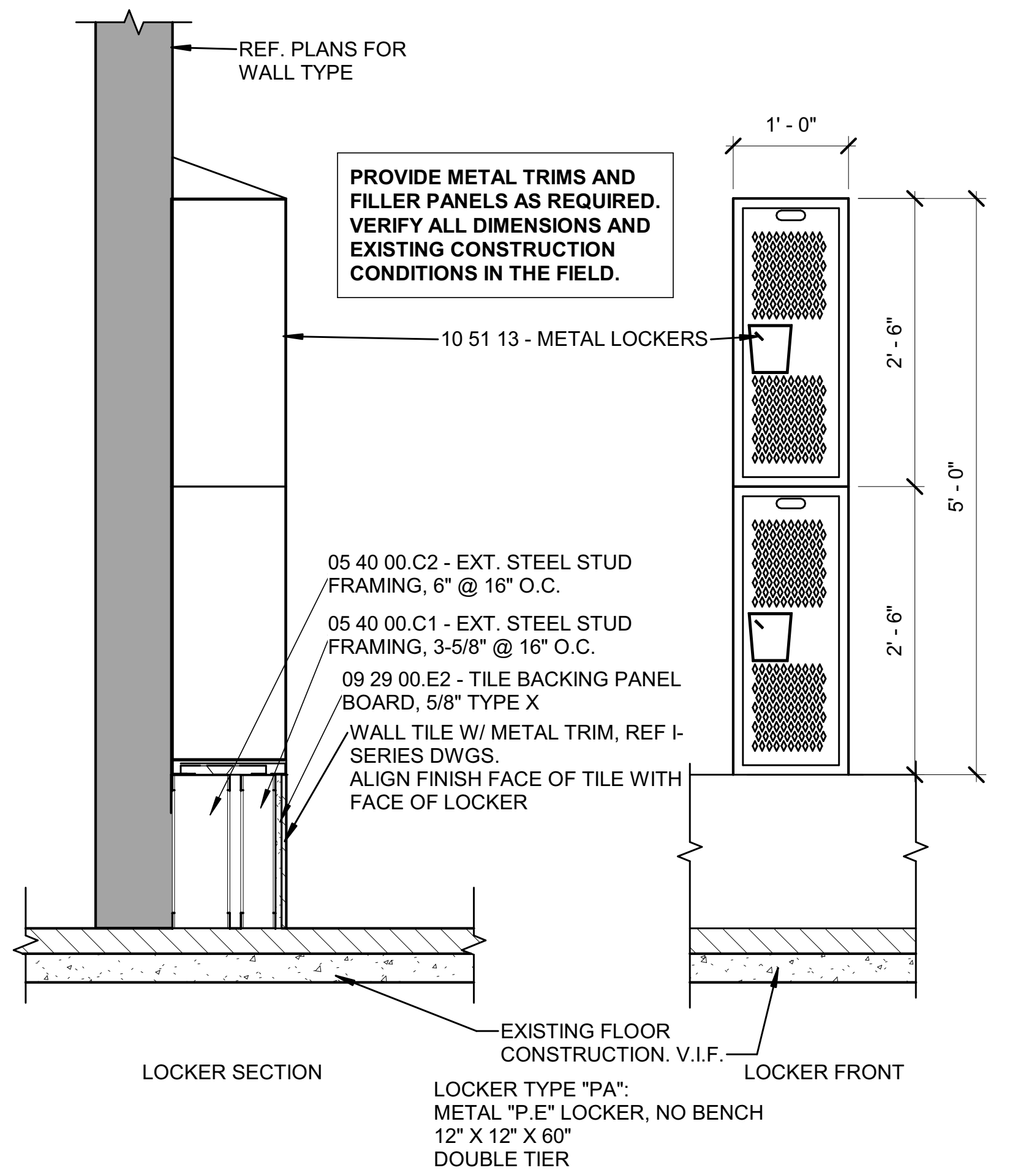
2D CUSTOM FIRE ALARM PULL COVER (055000)
1 1/2" = 1'-0"



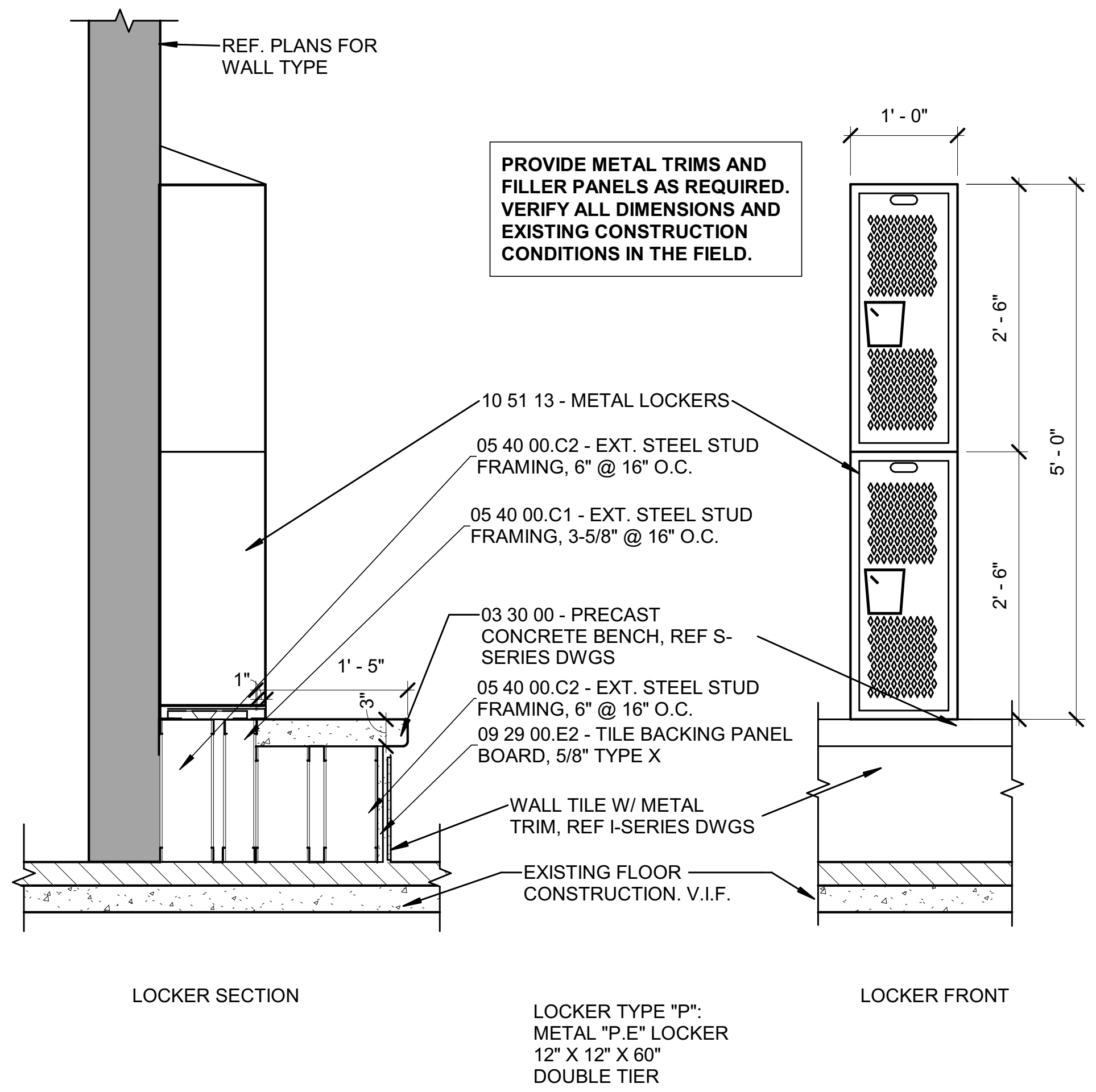
1D LOCKER TYPE "H"
3/4" = 1'-0"



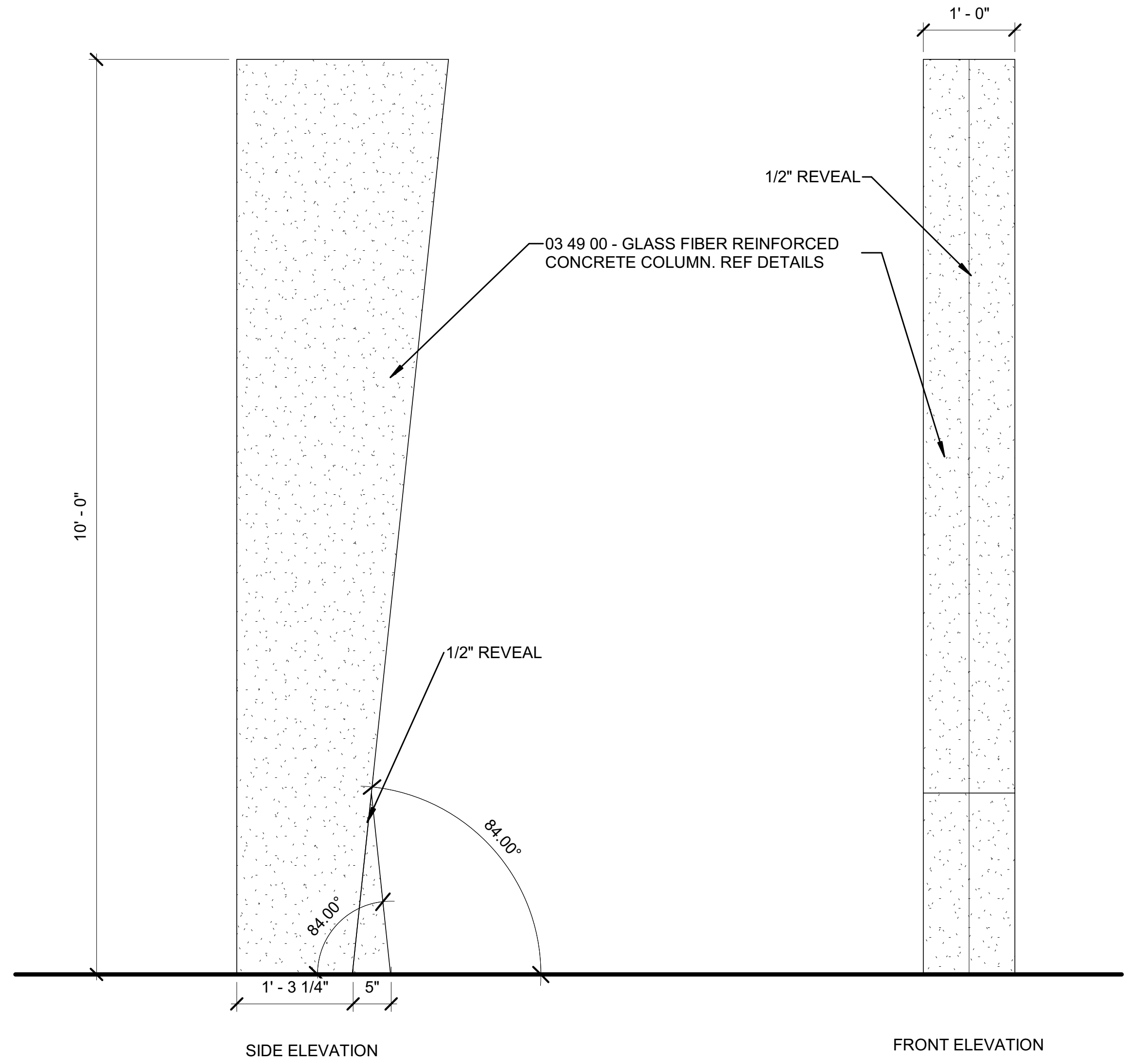
4C PLAN DETAIL - WALL PILASTER
1" = 1'-0"



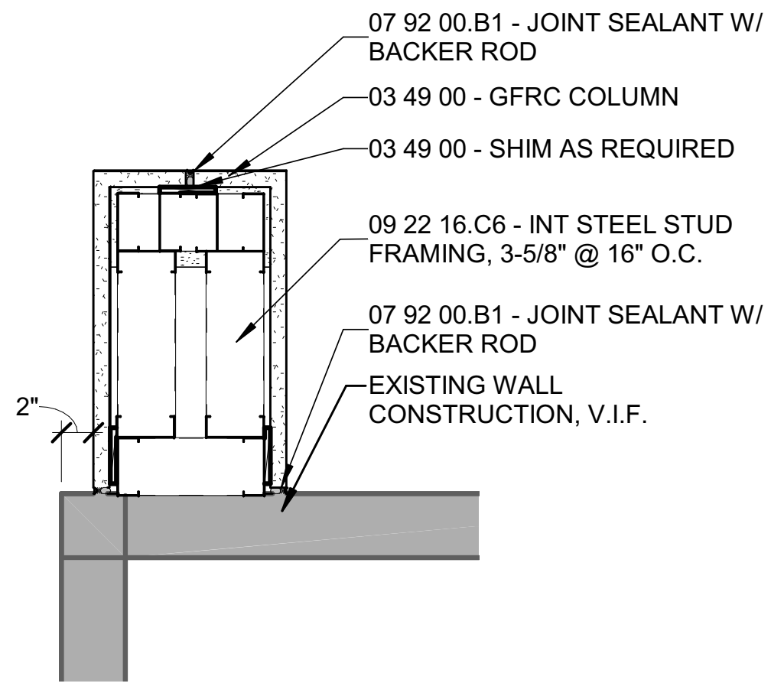
2B LOCKER TYPE "PA"
3/4" = 1'-0"



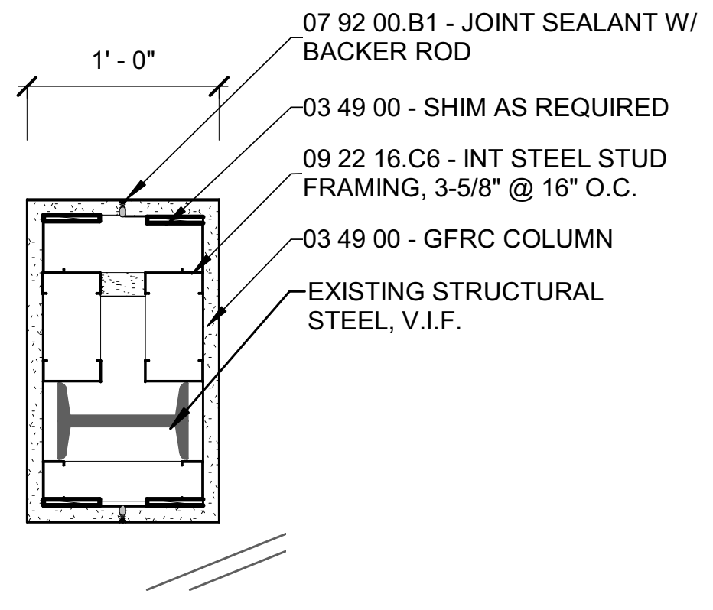
1B LOCKER TYPE "P"
3/4" = 1'-0"



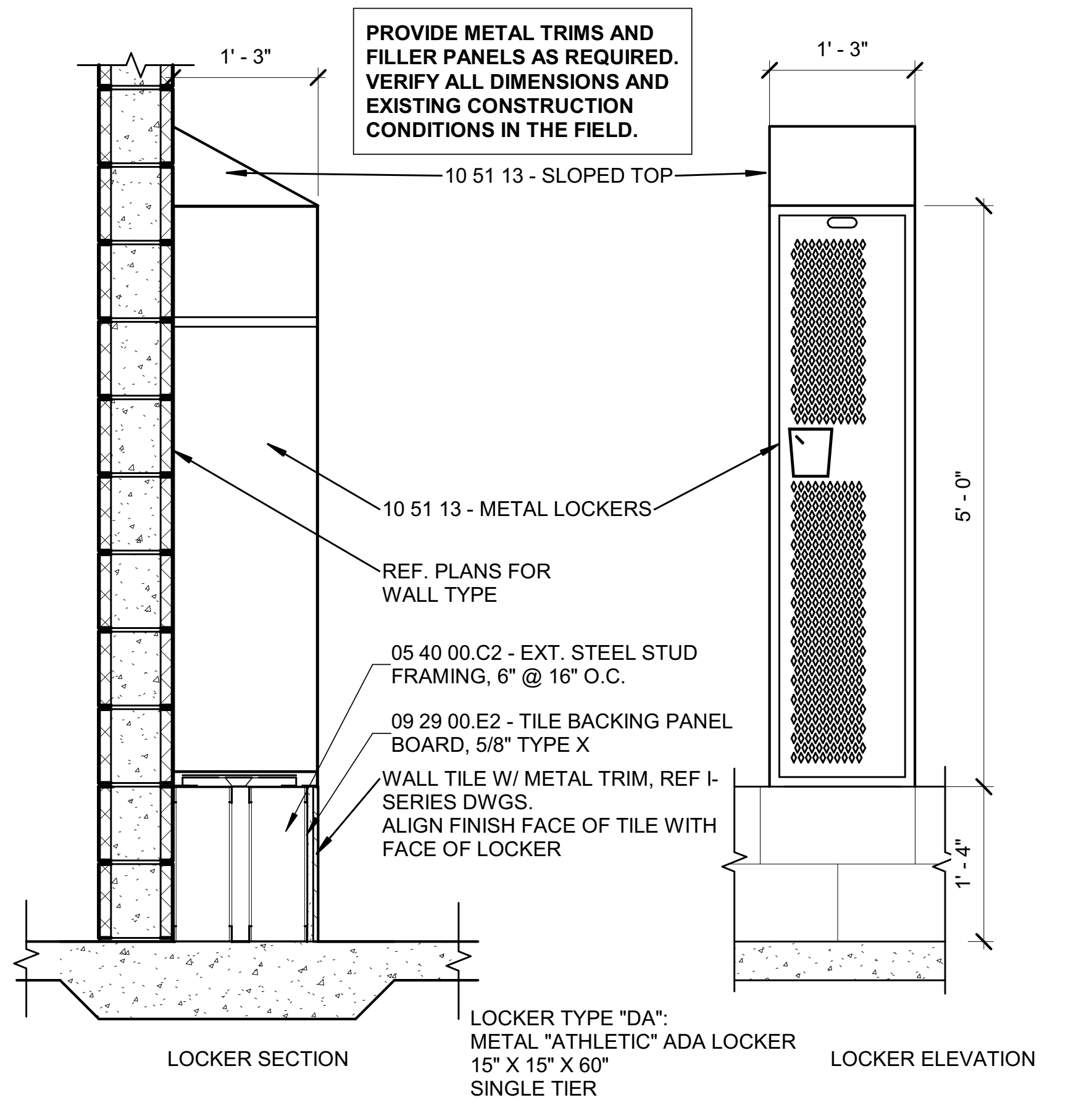
INTERIOR PILASTER PROFILES
3/4" = 1'-0"



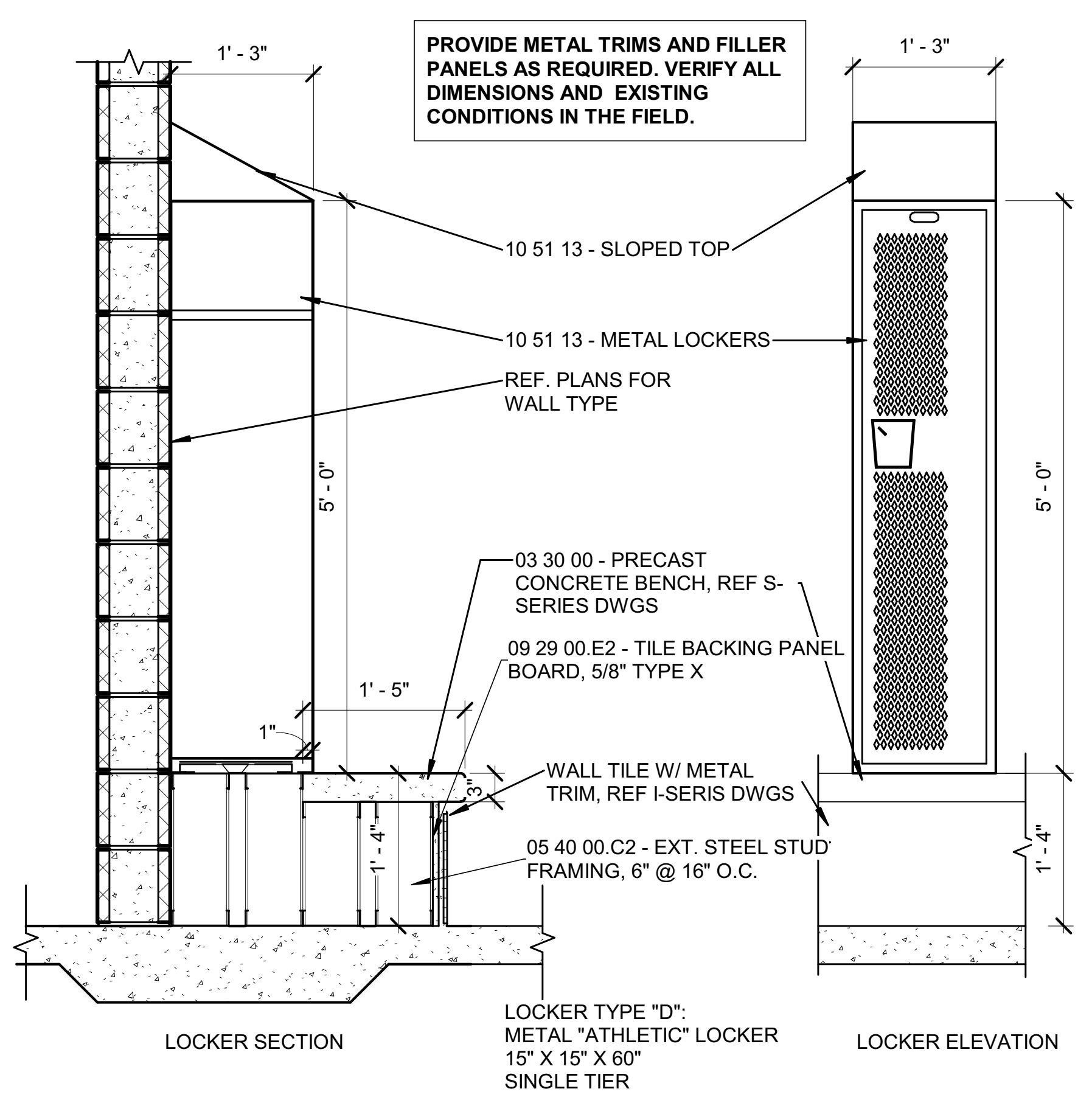
4B PLAN DETAIL
1" = 1'-0"



4A PLAN DETAIL - GFRC COLUMN WRAP
1" = 1'-0"



2A LOCKER TYPE "DA"
3/4" = 1'-0"



1A LOCKER TYPE "D"
3/4" = 1'-0"

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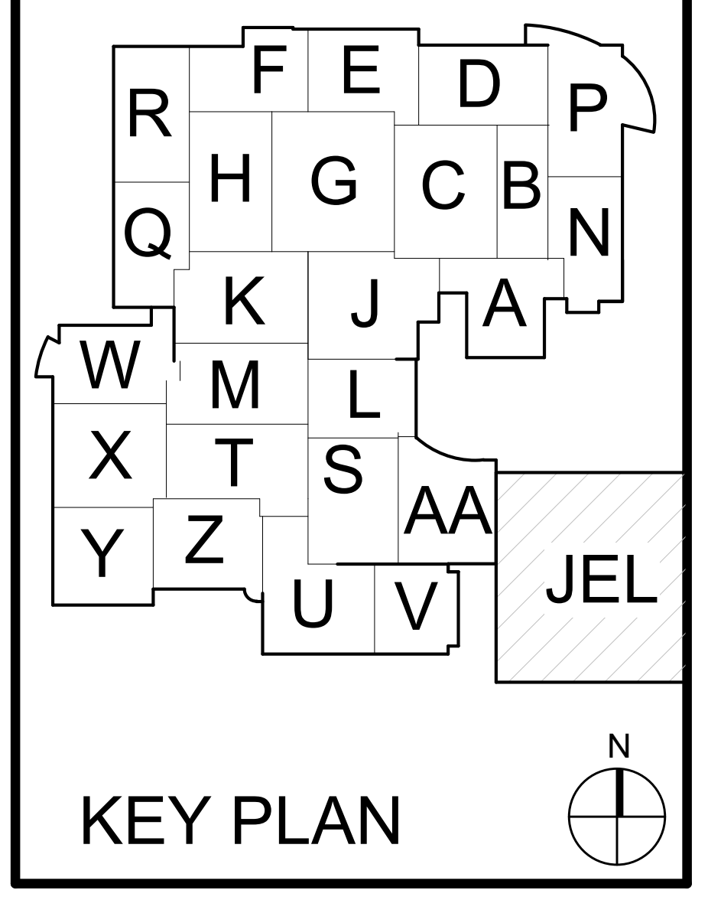

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

TYPICAL DETAILS

A-500.3

A-500.3_ TYPICAL DETAILS
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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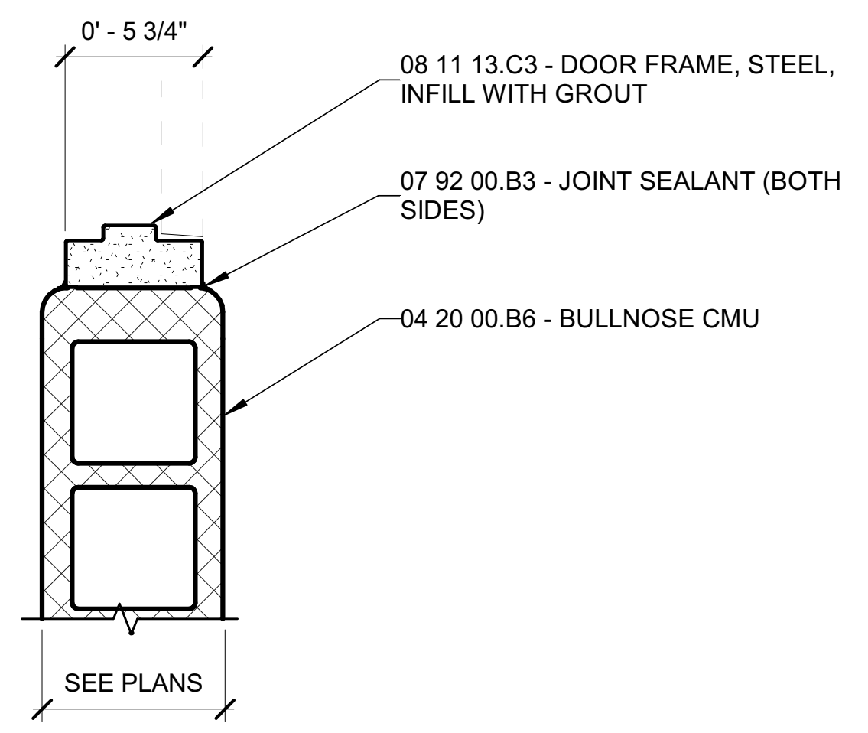
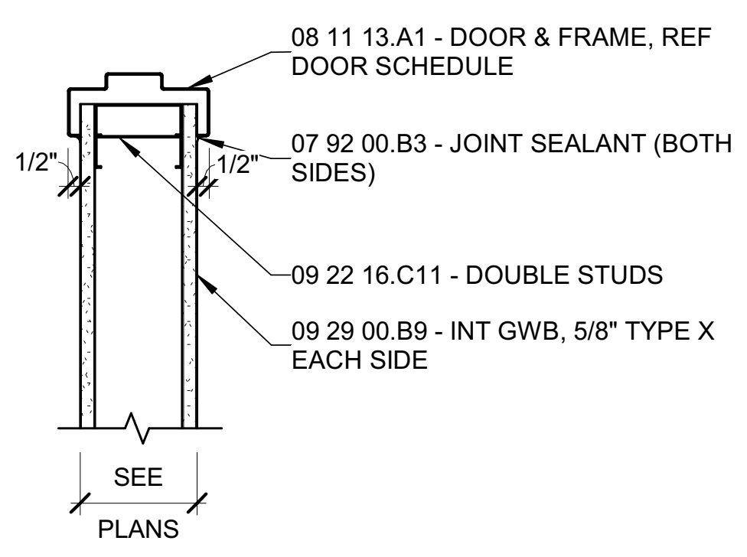
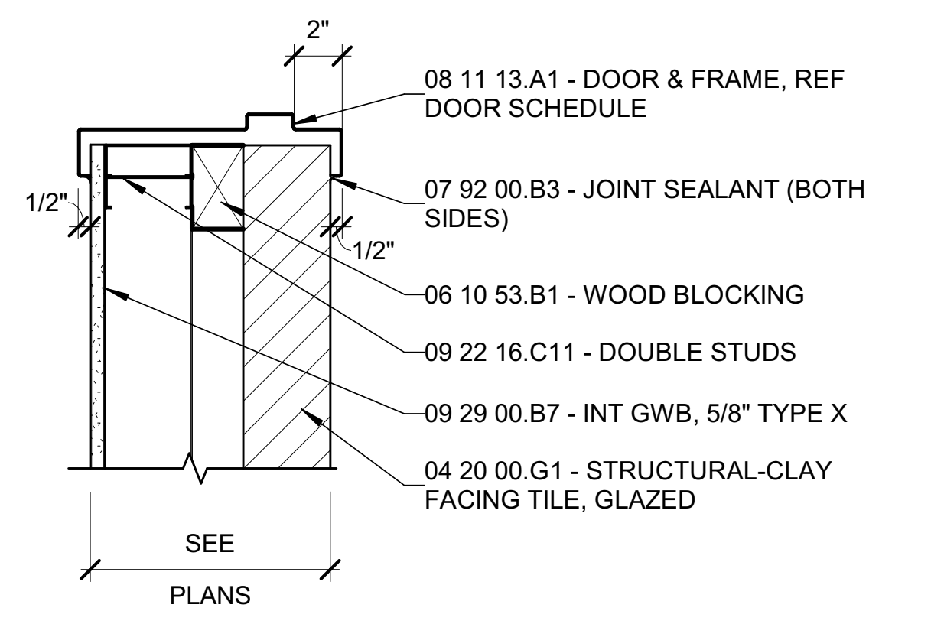


5E JAMB
1 1/2" = 1'-0"

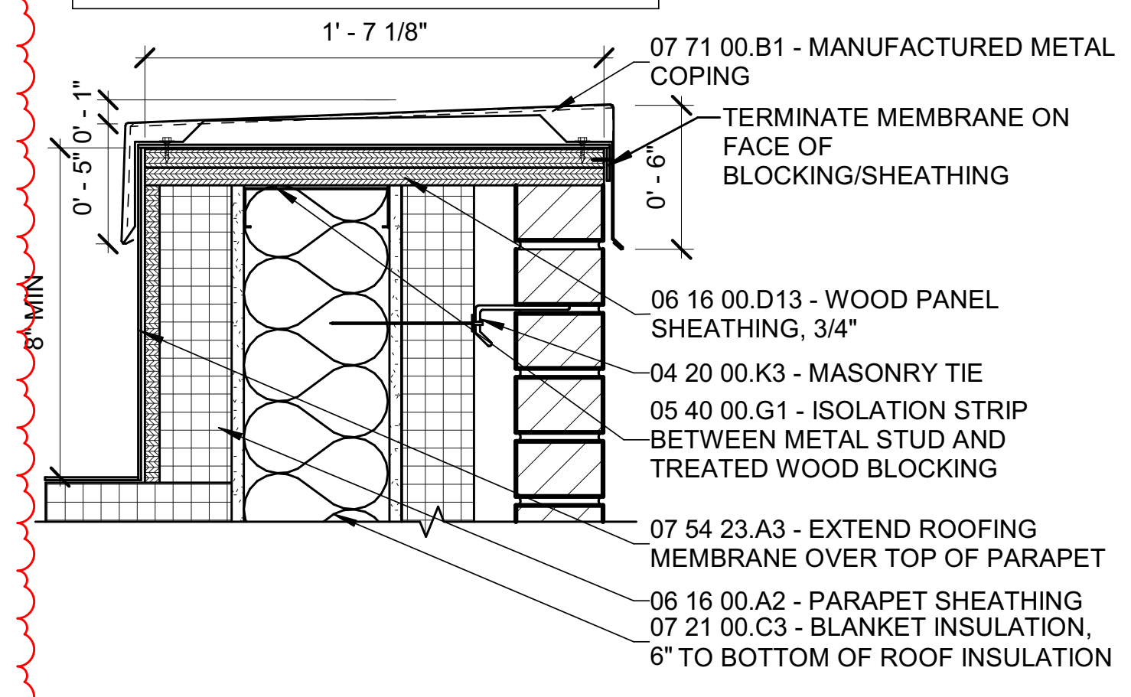


4E JAMB
1 1/2" = 1'-0"



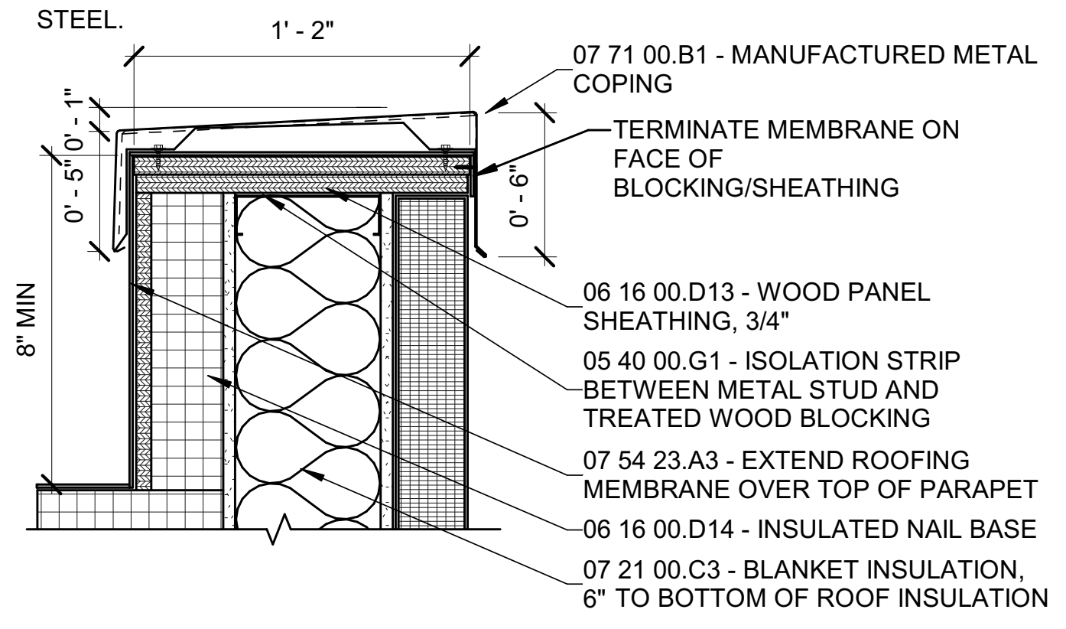
3E JAMB
1 1/2" = 1'-0"

NOTE:
ALL STEEL FASTENERS PENETRATING TREATED WOOD OR TREATED PLYWOOD MUST BE GALVANIZED OR STAINLESS STEEL.

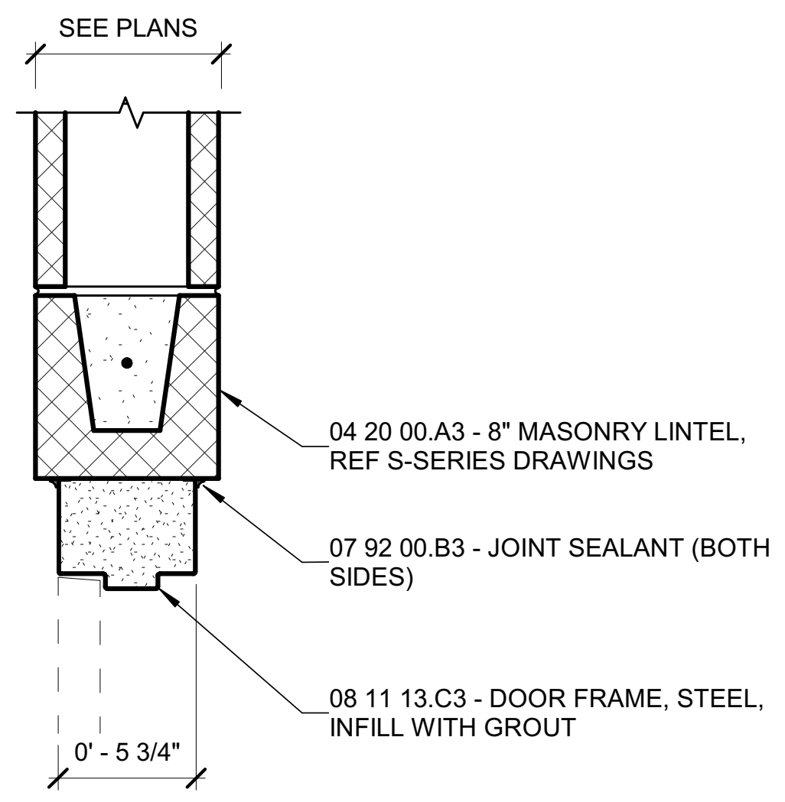


2E METAL COPING
1 1/2" = 1'-0"

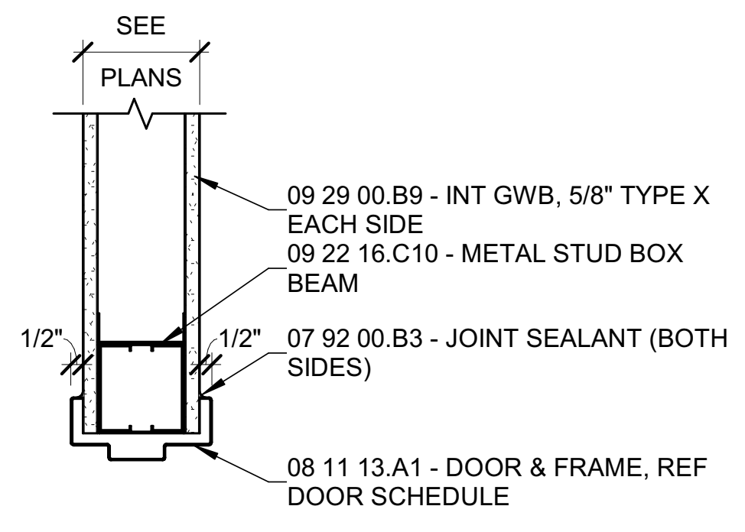
NOTE:
ALL STEEL FASTENERS PENETRATING TREATED WOOD OR TREATED PLYWOOD MUST BE GALVANIZED OR STAINLESS STEEL.



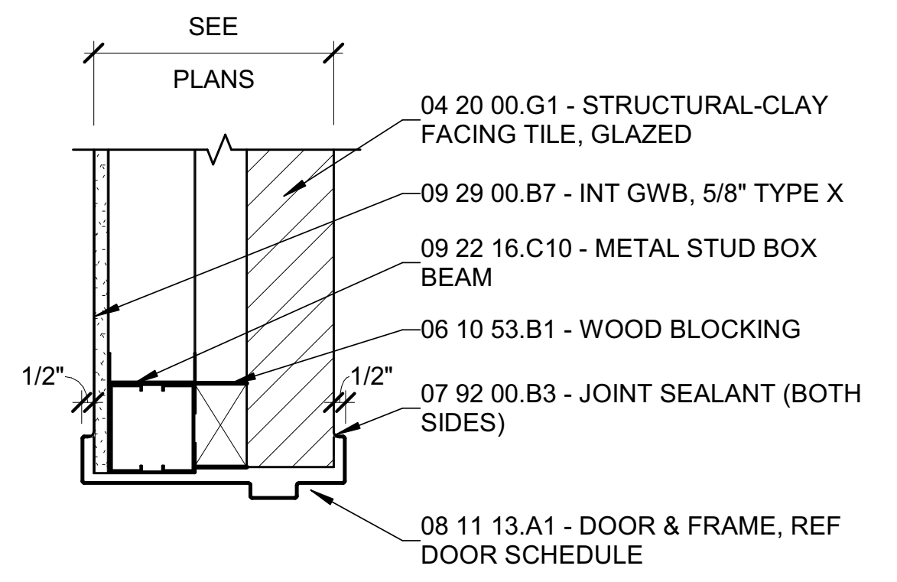
1E METAL COPING
1 1/2" = 1'-0"



5D HEAD
1 1/2" = 1'-0"

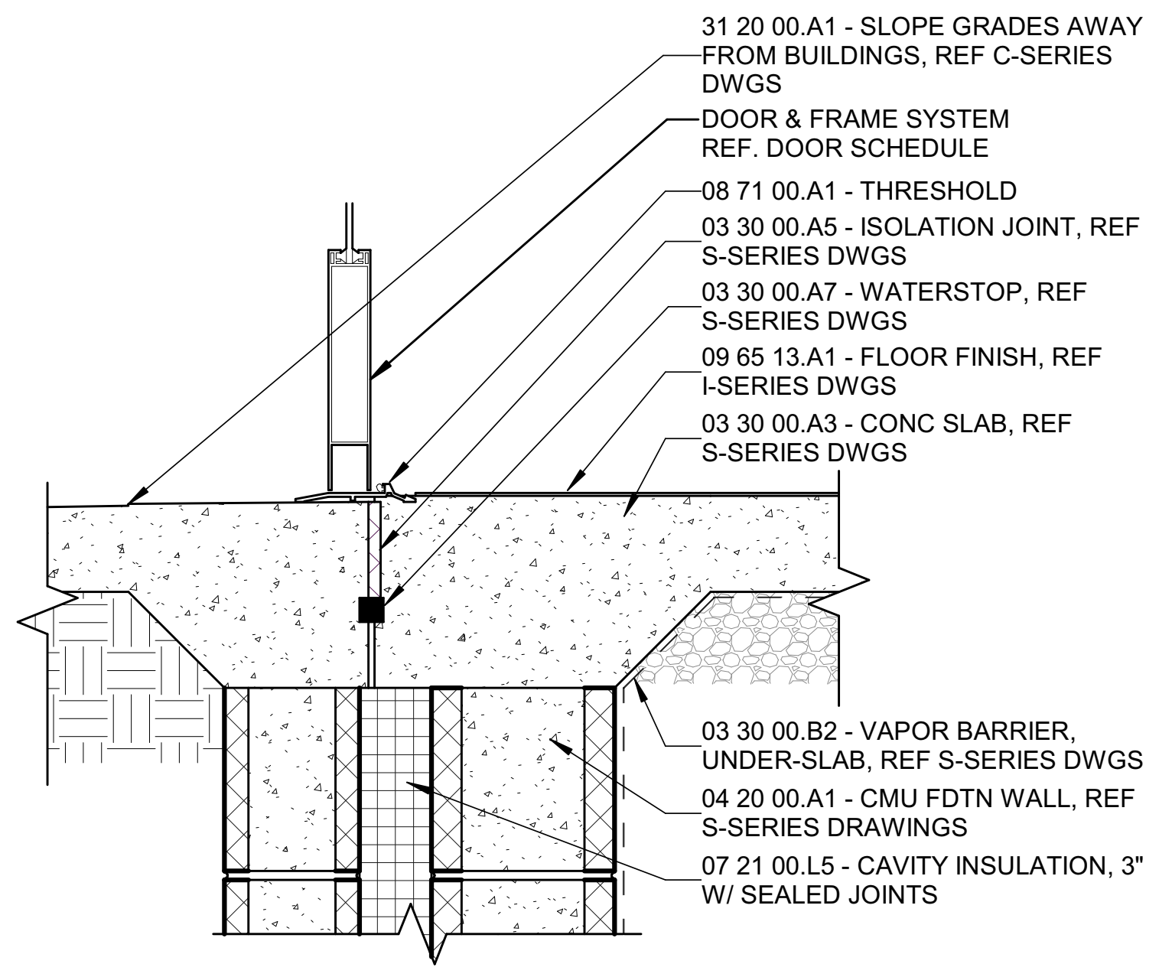


4D HEAD
1 1/2" = 1'-0"



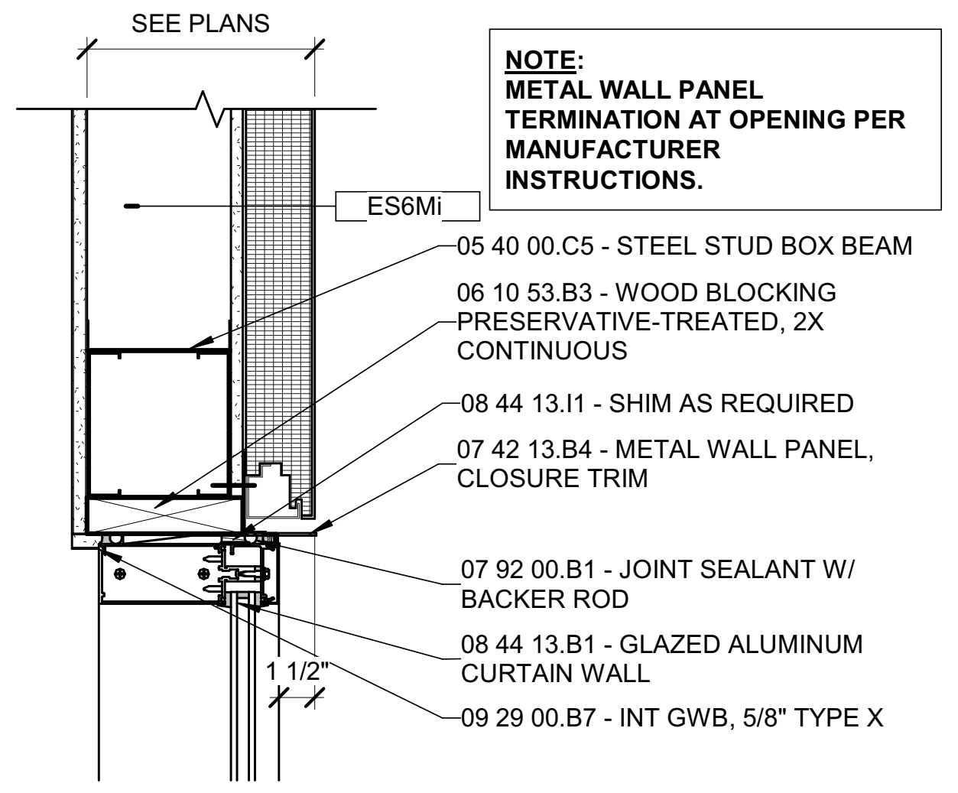
A2.3

3D HEAD
1 1/2" = 1'-0"

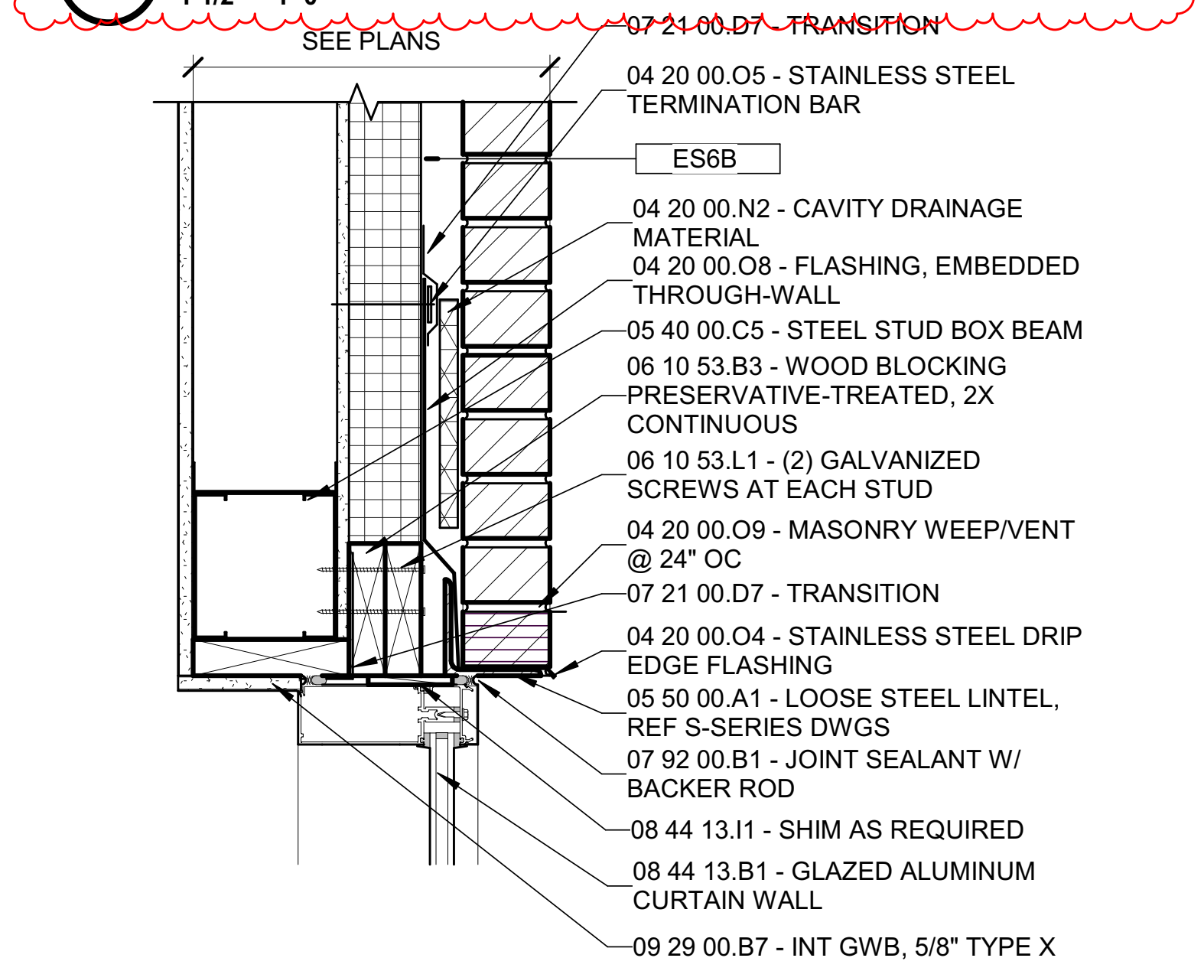


5C FOUNDATION - THRESHOLD
1 1/2" = 1'-0"

NOTE:
METAL WALL PANEL TERMINATION AT OPENING PER MANUFACTURER INSTRUCTIONS.

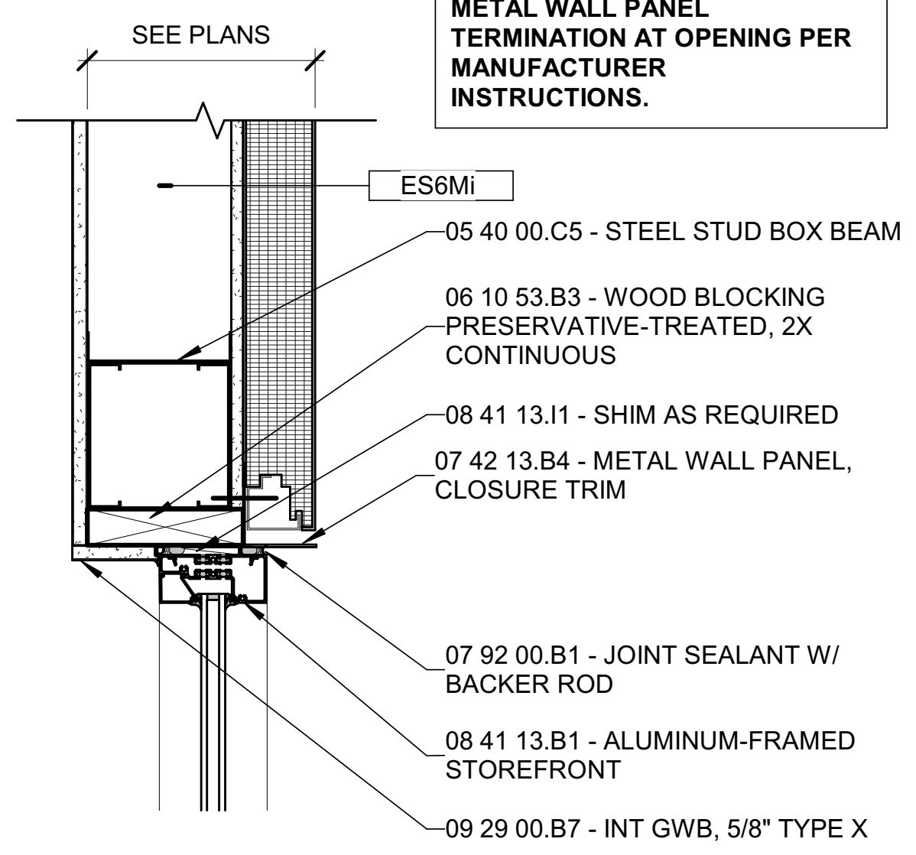


4C HEAD
1 1/2" = 1'-0"

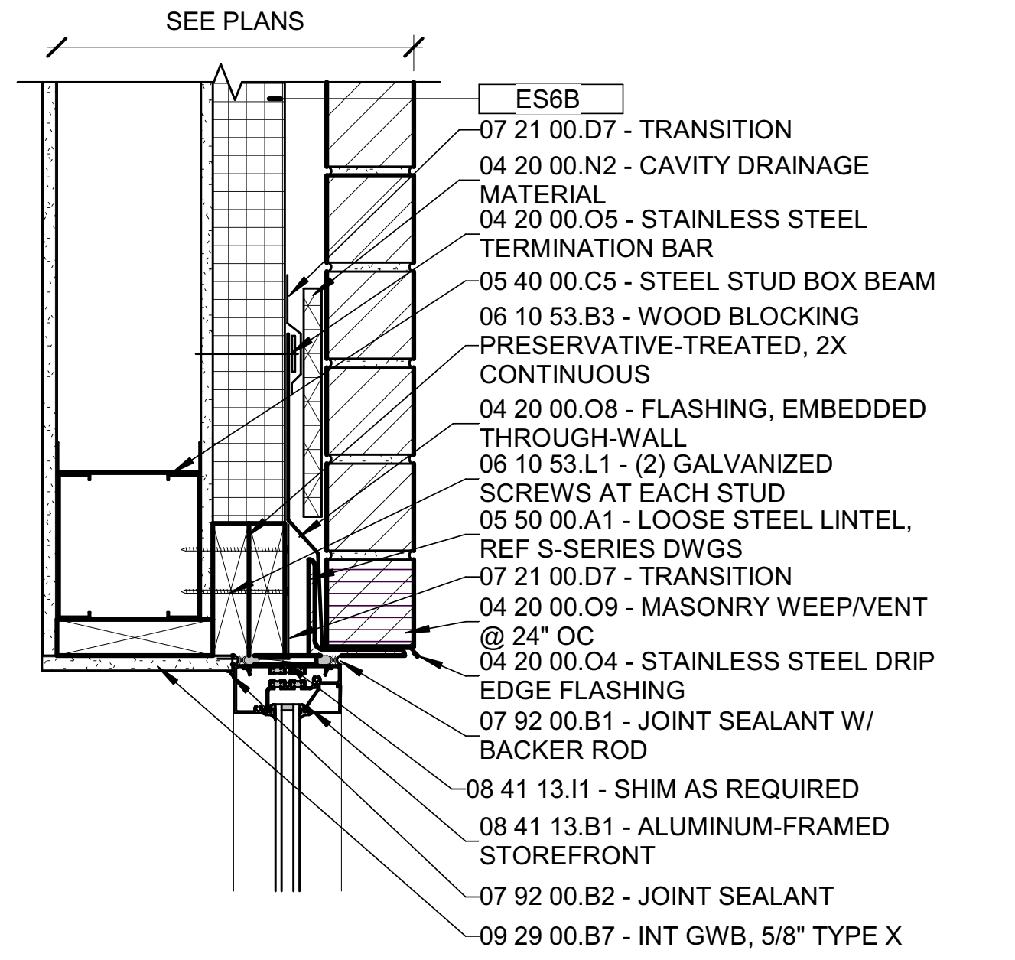


3C HEAD
1 1/2" = 1'-0"

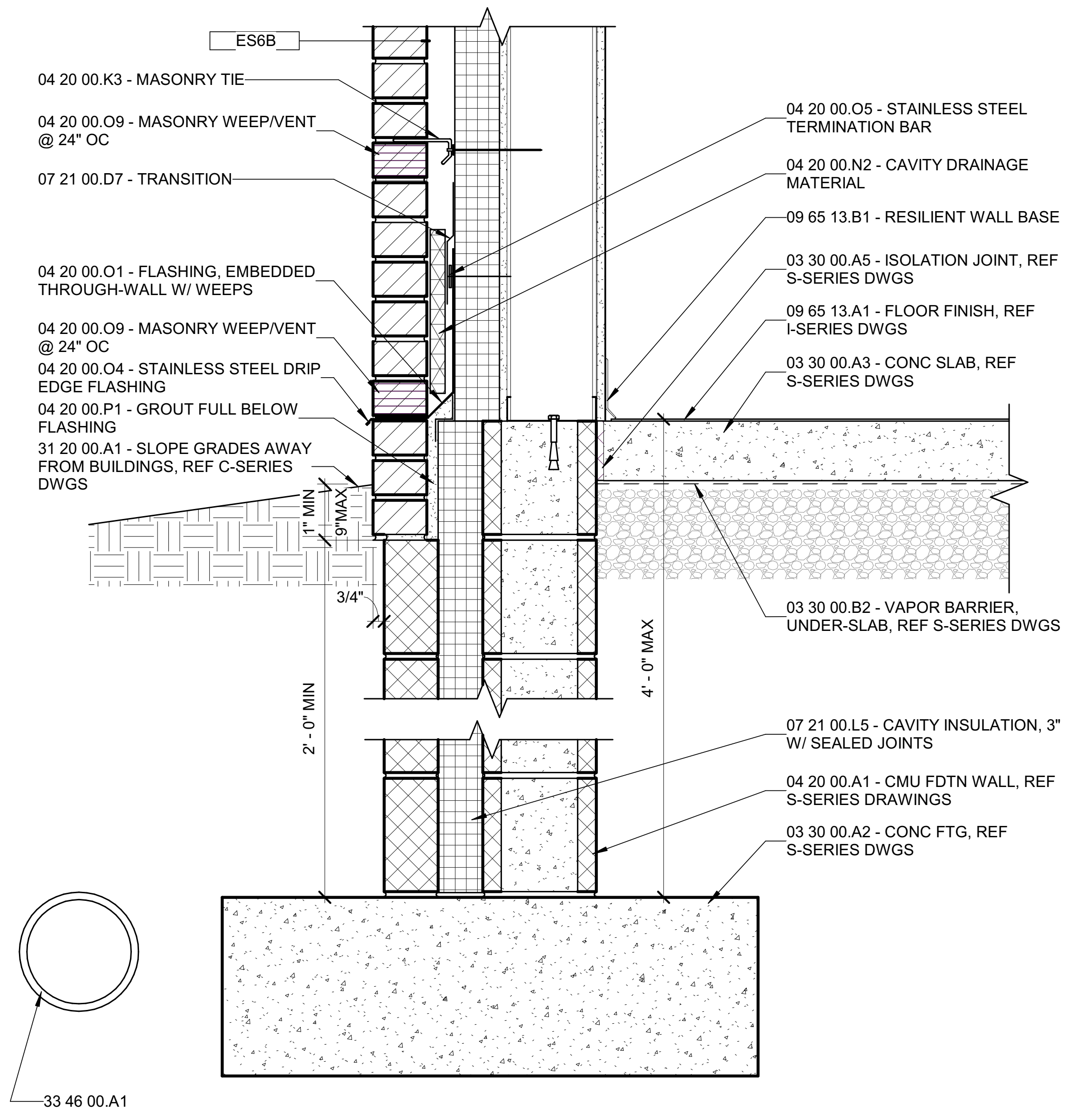
NOTE:
METAL WALL PANEL TERMINATION AT OPENING PER MANUFACTURER INSTRUCTIONS.



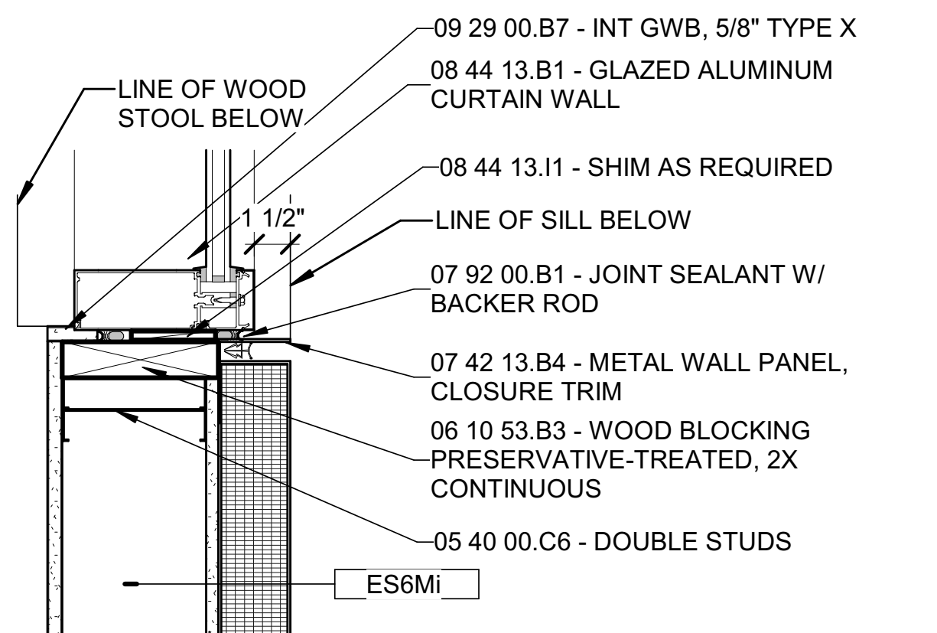
2C HEAD
1 1/2" = 1'-0"



1C HEAD
1 1/2" = 1'-0"

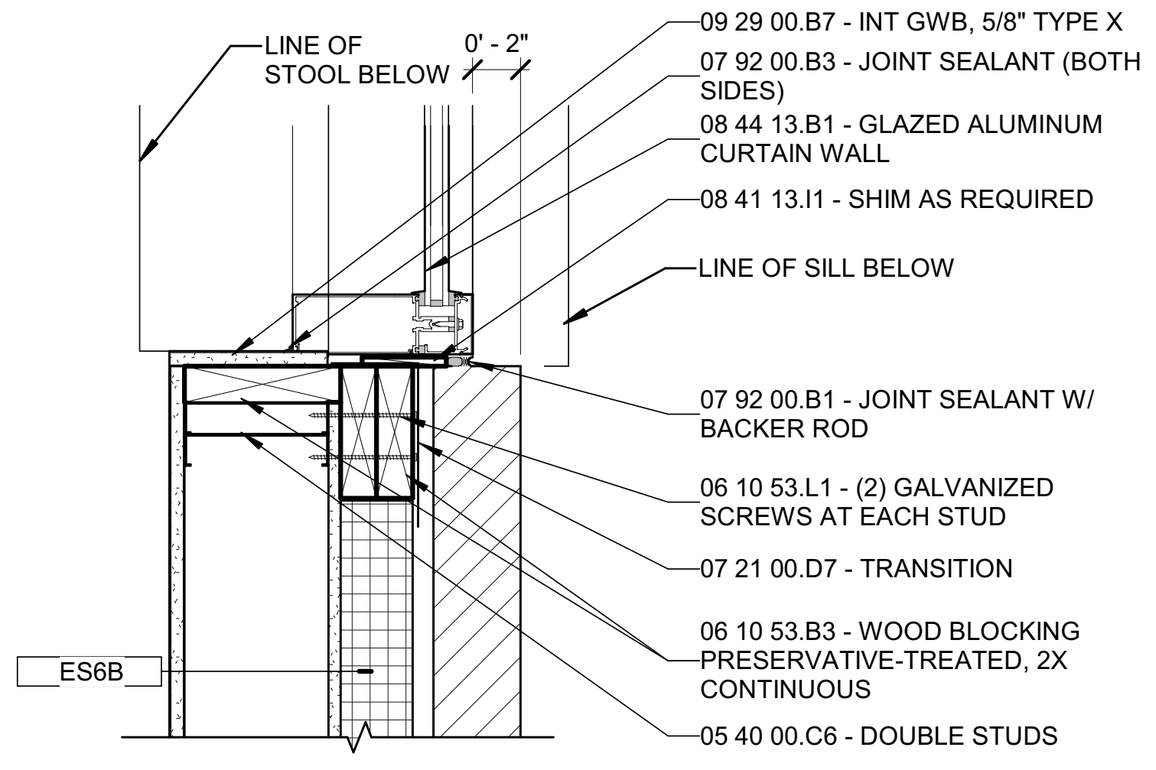


5A FOUNDATION
1 1/2" = 1'-0"

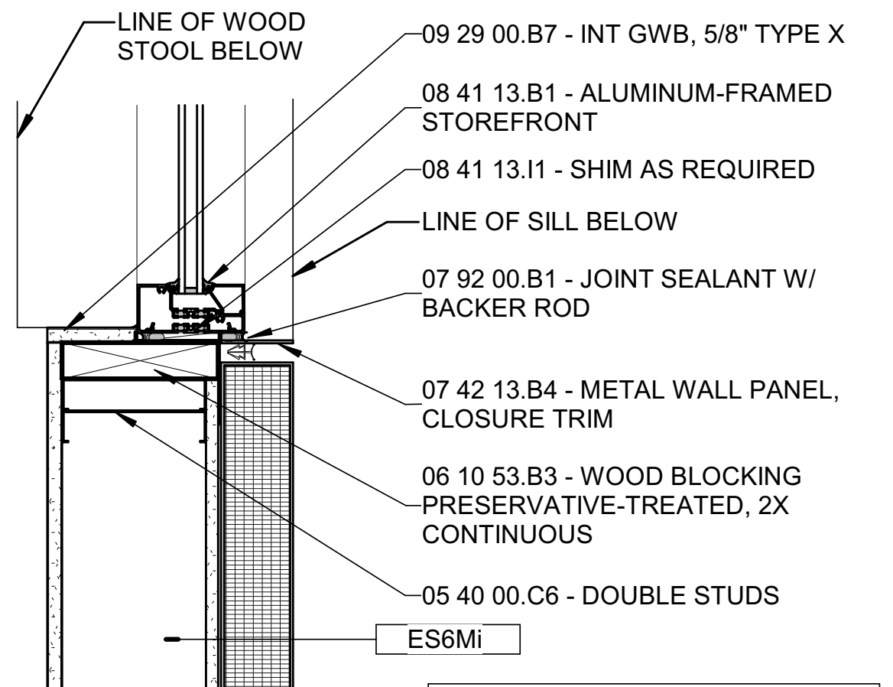


NOTE:
METAL WALL PANEL TERMINATION AT OPENING PER MANUFACTURER INSTRUCTIONS.

4B JAMB
1 1/2" = 1'-0"

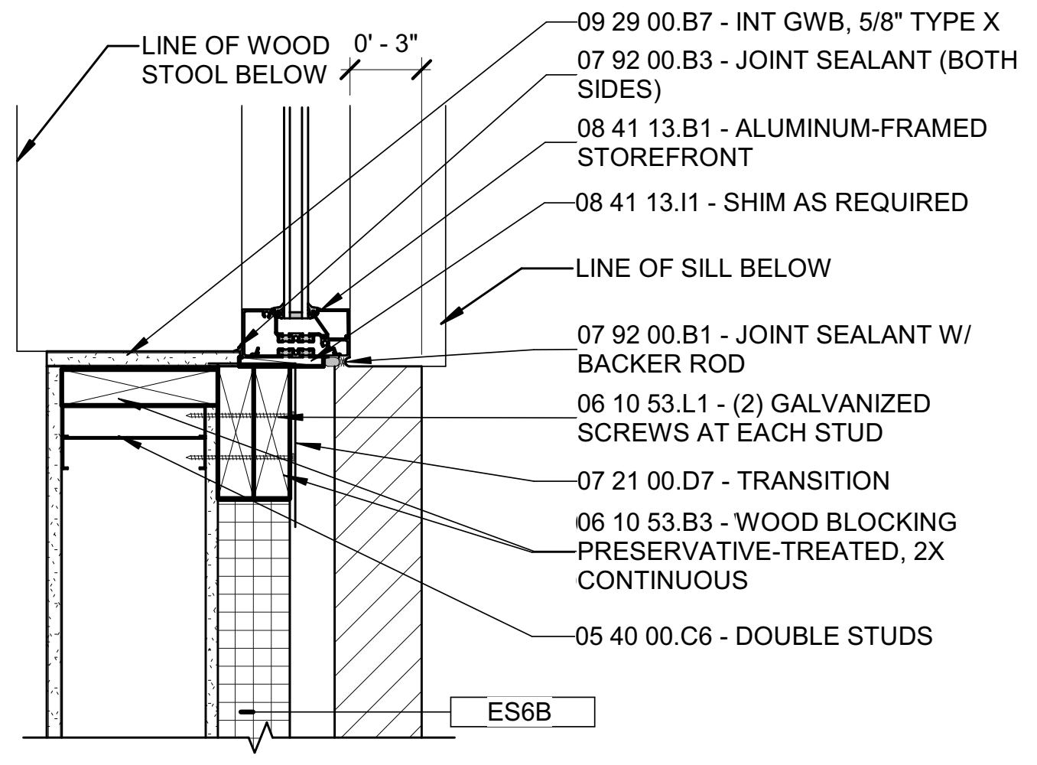


3B JAMB
1 1/2" = 1'-0"

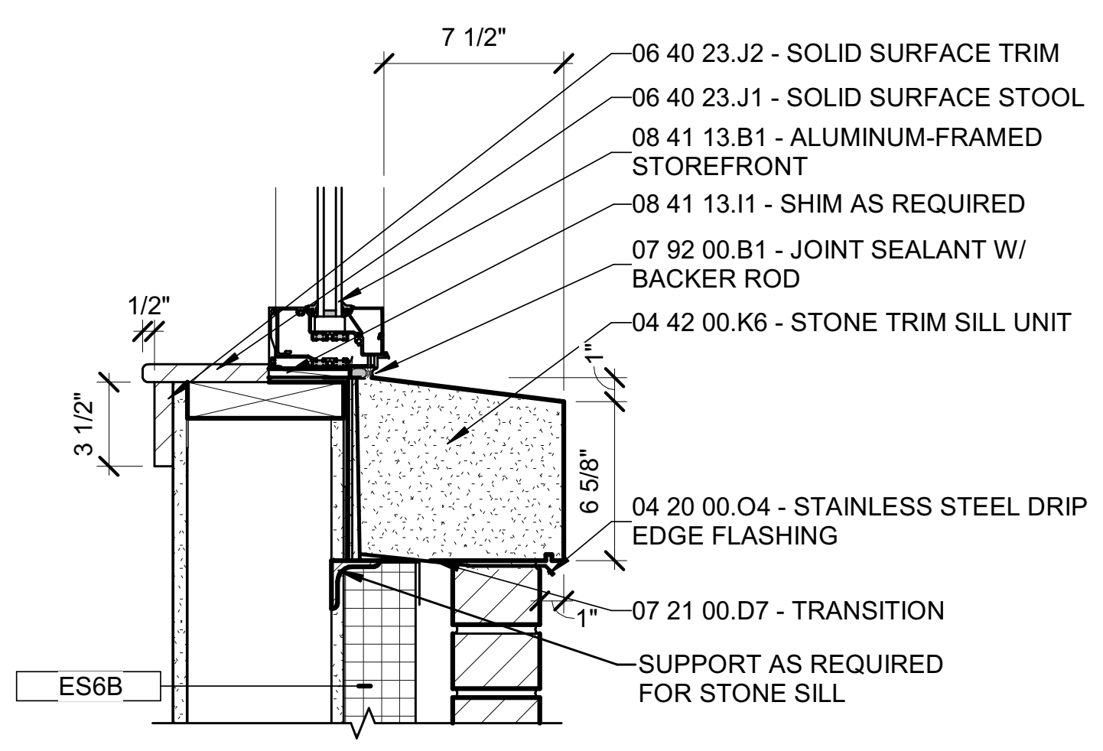


NOTE:
METAL WALL PANEL TERMINATION AT OPENING PER MANUFACTURER INSTRUCTIONS.

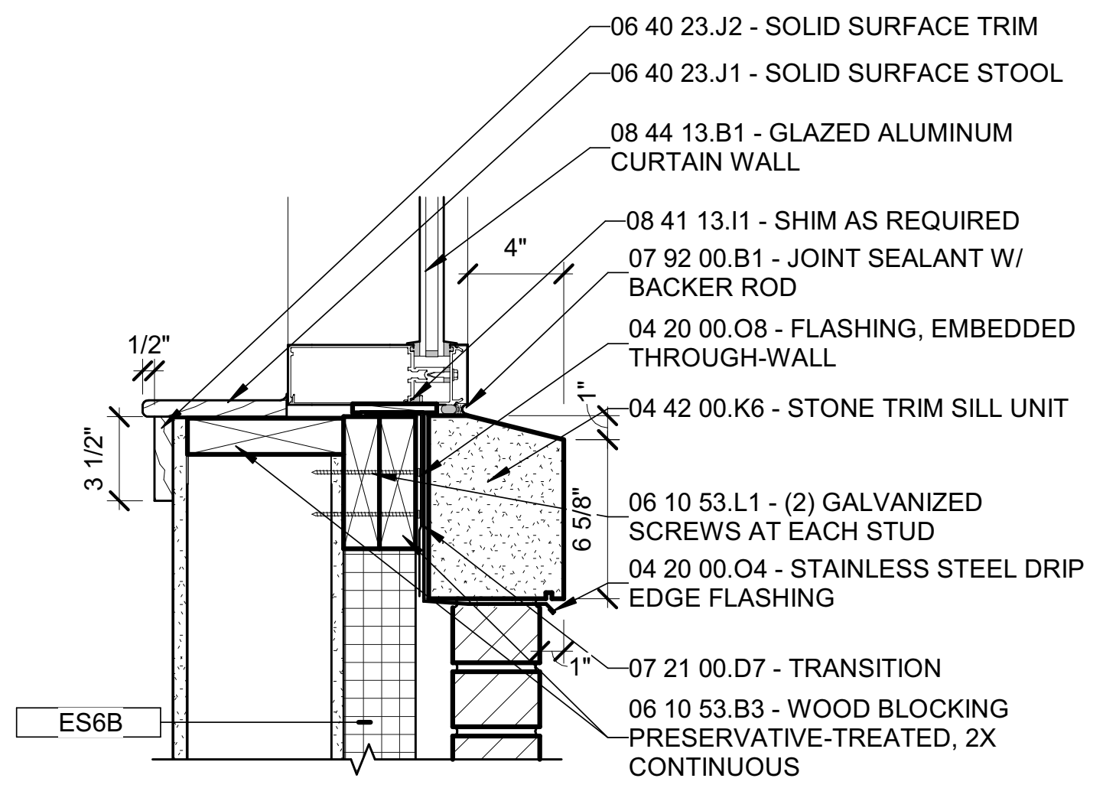
2B JAMB
1 1/2" = 1'-0"



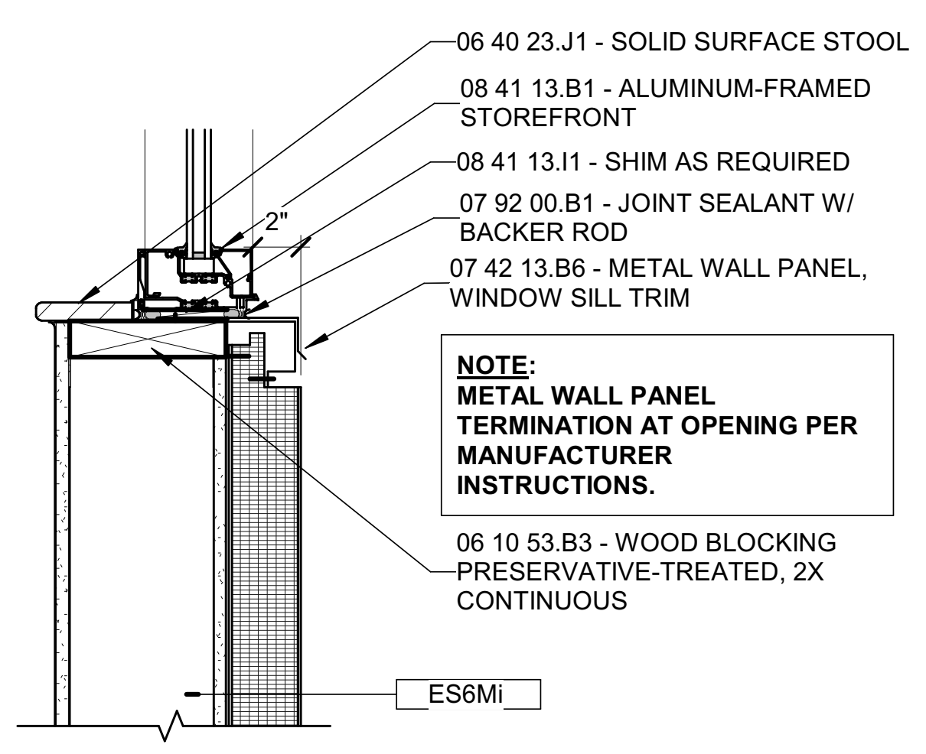
1B JAMB
1 1/2" = 1'-0"



4A SILL
1 1/2" = 1'-0"



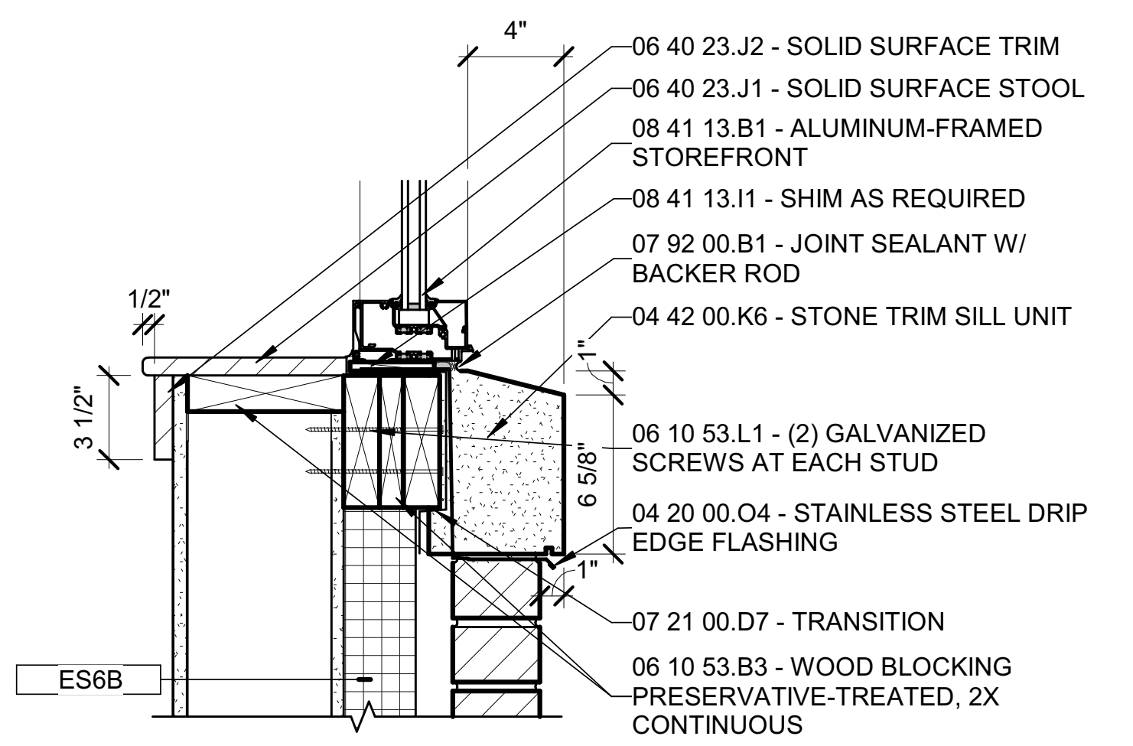
3A SILL
1 1/2" = 1'-0"



NOTE:
METAL WALL PANEL TERMINATION AT OPENING PER MANUFACTURER INSTRUCTIONS.

NOTE:
PROVIDE GWB STOOL IN LIEU OF SOLID-SURFACE FOR CLERESTORY OPENINGS - TYP

2A SILL
1 1/2" = 1'-0"



1A SILL
1 1/2" = 1'-0"

SCHMIDT
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Indianapolis, IN 46204
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Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced SLS HEL

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STATE OF INDIANA
ARCHITECT

Sarah K Hempstead

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

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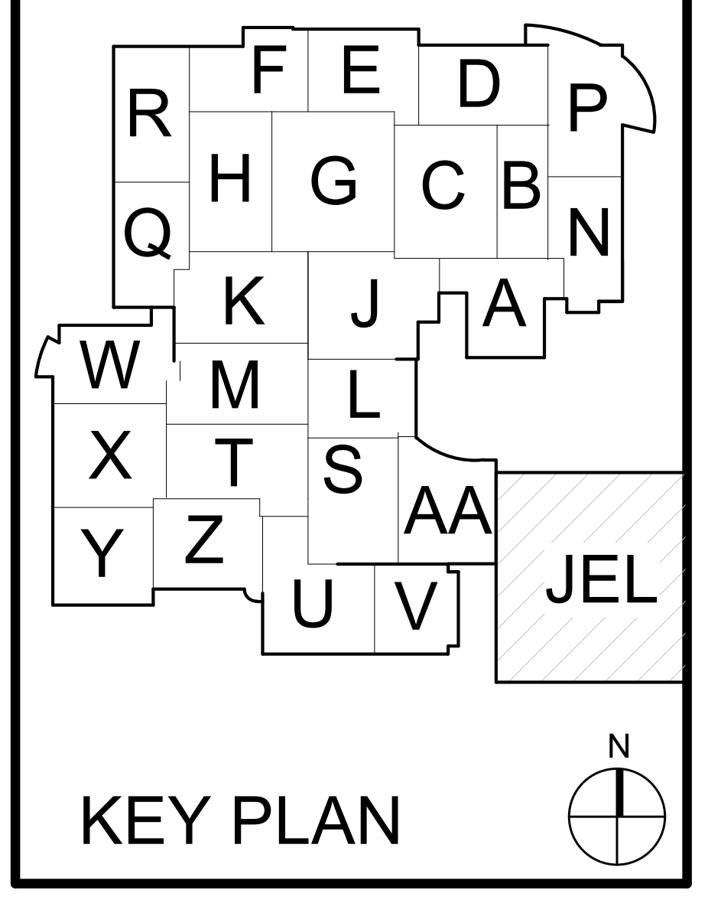


KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

OPENING DETAILS

A-520.3

DOOR & FRAME SCHEDULE

	DOOR PANEL				SIZE			FRAME						
MARK	TYPE	QTY	MATL	GLAZ	H	W	TH	MARK	MATL	GLAZ	LABEL	HDWR SET	NOTES	MARK
A1C0.1	G	2	WD	TG	7' - 0"	5' - 6"	0' - 1 3/4"	ETR		--		106A	11	A1C0.1
A1C0.2	G	2	WD	TG	7' - 0"	5' - 6"	0' - 1 3/4"	ETR		--		106B	11	A1C0.2
A1C1.1	G	2	WD	TG	7' - 0"	6' - 0"	0' - 1 3/4"	F13	HM	TG		106B		A1C1.1
A1C1.2	G	2	WD	TG	7' - 0"	6' - 0"	0' - 1 3/4"	F13	HM	TG		106A		A1C1.2
A1C2.1	F	2	HM	--	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--	90 MIN	108		A1C2.1
A2C2.1	F	2	HM	--	7' - 0"	7' - 0"	0' - 1 3/4"	F1	HM	--	90 MIN	112		A2C2.1
A101	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		025	13	A101
A103	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		025	13	A103
A104.1	DG	1	AL	TG	7' - 0"	3' - 0"	0' - 1 3/4"	SF21	AL	TG		021		A104.1
A104.2	DG	1	AL	TG	7' - 0"	3' - 0"	0' - 1 3/4"	SF8	AL	TG		013		A104.2
A104.3	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--	90 MIN	031		A104.3
A104A	DG	1	AL	TG	7' - 0"	3' - 0"	0' - 1 3/4"	SF8	AL	TG		061		A104A
A104B	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		015		A104B
A104C	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		046		A104C
A104D	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		015		A104D
A104E	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		015		A104E
A104F	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		015		A104F
A105	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		023A	11	A105
A105A	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F6	HM	TG		015		A105A
A105B	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F6	HM	TG		015		A105B
A105C	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		015	13	A105C
A106	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	A106
A107	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	A107
A109	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	A109
A110	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	A110
A114	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	A114
A115	F	1	WD	--	7' - 0"	3' - 4"	0' - 1 3/4"	F1	HM	--		058A		A115
A119	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		A119
A120	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		A120
A121	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		A121
A122	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		A122
A124	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		A124
A126	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		A126
A127	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		A127
A128	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		014		A128
A129	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		A129
A131	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		A131
A132	DG	1	AL	TG	7' - 0"	3' - 0"	0' - 1 3/4"	SF8	AL	TG		019		A132
A132A	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		012		A132A
A132B	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		012		A132B
A132C	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		015		A132C
A134	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		059		A134
A136	NV	1	WD	TG	7' - 0"	3' - 6"	0' - 1 3/4"	F1	HM	--		018		A136
A138	F	1	WD	--	7' - 0"	3' - 6"	0' - 1 3/4"	F1	HM	--		027		A138
A138A.1	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		052	13	A138A.1
A138A.2	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		052	13	A138A.2
A140	F	1	WD	--	7' - 0"	3' - 6"	0' - 1 3/4"	F1	HM	--		027		A140
A141	G	1	HM	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		046		A141
A142	NV	1	WD	TG	7' - 0"	3' - 6"	0' - 1 3/4"	F1	HM	--		018		A142
A143	F	1	WD	--	7' - 0"	3' - 6"	0' - 1 3/4"	F1	HM	--		027		A143
A143A	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		052	13	A143A
A145	F	1	WD	--	7' - 0"	3' - 6"	0' - 1 3/4"	F1	HM	--		027		A145
A145A	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		052	13	A145A
A149.1	NV	1	WD	TG	7' - 0"	3' - 6"	0' - 1 3/4"	F1	HM	--		018		A149.1
A149.2	NV	1	WD	TG	7' - 0"	3' - 6"	0' - 1 3/4"	F1	HM	--		018		A149.2
A151	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		059		A151
A153	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		059		A153
A155	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		022	13	A155
A156	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	A156
A157	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		022	13	A157
A159	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		A159
A206	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	A206
A208	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	A208
A210	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	A210
A211	NV	1	WD	TG	7' - 0"	3' - 4"	0' - 1 3/4"	ETR		--		018	11	A211
A212	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	A212
A213	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	A213
A214	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	A214
A215	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		A215
A222.1	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		090		A222.1
A222.2	DG	1	AL	TG	7' - 0"	3' - 0"	0' - 1 3/4"	SF21	AL	TG		089		A222.2
A222A	F	2	WD	--	7' - 0"	6' - 0"	0' - 1 3/4"	F1	HM	--		068		A222A
A224.1	DG	2	AL	TG	7' - 0"	6' - 0"	0' - 1 3/4"	SF2	AL	TG		109		A224.1
A224.2	DG	2	AL	TG	7' - 0"	6' - 0"	0' - 1 3/4"	SF2	AL	TG		110		A224.2
A224.3	DG	2	AL	TG	7' - 0"	6' - 0"	0' - 1 3/4"	SF14	AL	TG		110F		A224.3
A224.4	DG	2	AL	TG	7' - 0"	6' - 0"	0' - 1 3/4"	SF14	AL	TG		110D		A224.4
A224C.1	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		091		A224C.1
A224C.2	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		086		A224C.2
A224C.3	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		038		A224C.3
A224D.1	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		091		A224D.1
A224D.2	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		091		A224D.2
A224D.3	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		086		A224D.3
A224E	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		015		A224E
A224F.1	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		015		A224F.1
A224F.2	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F6	HM	TG		012		A224F.2
A224G	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		A224G
A224H	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		046		A224H
A224J	DG	1	AL	TG	7' - 0"	3' - 0"	0' - 1 3/4"	SF8	AL	TG		015		A224J
A224K	DG	1	AL	TG	7' - 0"	3' - 0"	0' - 1 3/4"	SF20	AL	TG		016		A224K
A224L	F	2	WD	--	7' - 0"	8' - 0"	0' - 1 3/4"	F1	HM	--		077		A224L
A226	DG	2	AL	TG	7' - 0"	6' - 0"	0' - 1 3/4"	SF7	AL	TG		110		A226
A226A	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		046		A226A
A226B	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		046		A226B
A226C	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		046		A226C
A226D	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		046		A226D
A226E	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F6	HM	TG		043		A226E
A226F	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		046		A226F
A226G.1	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		046		A226G.1
A226G.2	F	1	WD	--	7' - 0"	3' - 6"	0' - 1 3/4"	F1	HM	--		060		A226G.2
A226H	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		043		A226H
A226J	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		046		A226J
A226K	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		059		A226K
A226L	DG	1	AL	TG	7' - 0"	3' - 0"	0' - 1 3/4"	SF22	AL	TG		012		A226L
A227	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		A227
A228	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		A228
A229	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		024		A229
A229A	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		015		A229A
A229B	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		015		A229B
A229C	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		015		A229C
A231	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		025		A231
A233	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1		--				A233
A234	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		A234
A235	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		A235
A236	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		062		A236
A237	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		A237
A239	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		A239
B002.1	DG	2	AL	IG	7' - 0"	6' - 0"	0' - 2 1/4"	SCW1A	AL	IG		097		B002.1
B002.2	DG	2	AL	IG	7' - 0"	6' - 0"	0' - 2 1/4"	SCW1A	AL	IG		099		B002.2
B002.3	DG	2	AL	TG	7' - 0"	6' - 0"	0' - 1 3/4"	CW4	AL	IG		095		B002.3
B002.4	DG	2	AL	TG	7' - 0"	6' - 0"	0' - 1 3/4"	CW4	AL	IG		094		B002.4
B002.5	F	1	AL	--	5' - 1"	3' - 0"	0' - 1 3/4"	CW5	AL	IG		005A		B002.5
B2C0.1	G	2	WD	TG	7' - 0"	6' - 0"	0' - 1 3/4"	ETR		--		106	11	B2C0.1
B2C0.2	G	2	WD	TG	7' - 0"	6' - 0"	0' - 1 3/4"	ETR		--		106D	11	B2C0.2
B2C1.1	G	2	WD	TG	7' - 0"	6' - 0"	0' - 1 3/4"	F9	HM	TG		106A		B2C1.1
B2C1.2	G	2	WD	TG	7' - 0"	6' - 0"	0' - 1 3/4"	F9	HM	TG		106B		B2C1.2
B2C2.1	F	2	HM	--	7' - 0"	7' - 0"	0' - 1 3/4"	F1	HM	--	90 MIN	113		B2C2.1
B100.1	DG	1	AL	TG	7' - 0"	3' - 0"	0' - 1 3/4"	SF5	AL	TG		053		B100.1
B100.2	DG	1	AL	TG	7' - 0"	3' - 0"	0' - 1 3/4"	SF5	AL	TG		082		B100.2
B100.3	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		056		B100.3
B100.4	DG	1	AL	TG	7' - 0"	3' - 0"	0' - 1 3/4"	SF8	AL	TG		055		B100.4
B100A	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		025	13	B100A
B100B	DG	1	AL	TG	7' - 0"	3' - 0"	0' - 1 3/4"	SF8	AL	TG		015		B100B
B100C	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F6	HM	TG		015		B100C
B100D	DG	1	AL	TG	7' - 0"	3' - 0"	0' - 1 3/4"	SF8	AL	TG		013		B100D
B100D.2	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		037A		B100D.2
B100E	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		011		B100E
B104.1	DG	1	AL	TG	7' - 0"	3' - 0"	0' - 1 3/4"	SF4	AL	TG		054		B104.1
B104.2	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		028		B104.2
B104A	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		015		B104A
B104B	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		015		B104B
B104C	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		045	13	B104C
B104D	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		012		B104D
B104E	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		012		B104E
B106A	F	2	WD	--	7' - 0"	6' - 0"	0' - 1 3/4"	F1	HM	--		010		B106A
B106B	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		015		B106B

DOOR & FRAME SCHEDULE

	DOOR PANEL				SIZE			FRAME						
MARK	TYPE	QTY	MATL	GLAZ	H	W	TH	MARK	MATL	GLAZ	LABEL	HDWR SET	NOTES	MARK
B106C	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		015		B106C
B106D	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		046		B106D
B106E	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		015		B106E
B106F	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		015		B106F
B106G	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		015		B106G
B106H.1	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		024		B106H.1
B106H.2	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		015		B106H.2
B106J	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		062	13	B106J
B108A	DG	1	AL	TG	7' - 0"	3' - 0"	0' - 1 3/4"	SF8	AL	TG		015		B108A
B108B	DG	1	AL	TG	7' - 0"	3' - 0"	0' - 1 3/4"	SF8	AL	TG		015		B108B
B108C	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		012		B108C
B108D	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F6	HM	TG		015		B108D
B108F	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F6	HM	TG		015		B108F
B108G	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F6	HM	TG		015		B108G
B108H	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		015		B108H
B108J	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F6	HM	TG		015		B108J
B108K	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F6	HM	TG		015		B108K
B108L	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		059		B108L
B108M	DG	1	AL	TG	7' - 0"	3' - 0"	0' - 1 3/4"	SF8	AL	TG		015		B108M
B108N	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		015		B108N
B108P	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		012		B108P
B108Q	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		013		B108Q
B108R	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F6	HM	TG		013		B108R
B108S	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F6	HM	TG		015		B108S
B108T.1	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--	90 MIN	029		B108T.1
B108T.2	DG	1	AL	TG	7' - 0"	3' - 0"	0' - 1 3/4"	SF8	AL	TG		015		B108T.2
B108X	F	1	HM	--	6' - 0"	2' - 0"	0' - 1 3/4"	F1	HM	--		039A		B108X
B110.1	DG	1	AL	TG	7' - 0"	3' - 0"	0' - 1 3/4"	SF6	AL	TG		019		B110.1
B110.2	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F6	HM	TG		028		B110.2
B110A	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		015		B110A
B110B	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		015		B110B
B110C	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		015		B110C
B110D	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		045		B110D
B110E	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		015	13	B110E
B110F	F	1	WD	--	7' - 0"	4' - 0"	0' - 1 3/4"	F1	HM	--	90 MIN	031A		B110F
B110G	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		025	13	B110G
B110H	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		025	13	B110H
B110J	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		015		B110J
B110K	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		045	13	B110K
B110L	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		045	13	B110L
B111.1	DG	2	WD	TG	7' - 0"	6' - 0"	0' - 1 3/4"	F14	HM	TG		106		B111.1
B111.2	DG	2	WD	TG	7' - 0"	6' - 0"	0' - 1 3/4"	ETR		--		106	11	B111.2
B111.3	DG	2	WD	TG	7' - 0"	6' - 0"	0' - 1 3/4"	ETR		--		106	11	B111.3
B111.4	DG	2	WD	TG	7' - 0"	6' - 0"	0' - 1 3/4"	ETR		--		106	11	B111.4
B111.5	DG	2	WD	TG	7' - 0"	6' - 0"	0' - 1 3/4"	ETR		--		106	11	B111.5
B111A.1	DG	2	WD	TG	7' - 0"	6' - 0"	0' - 1 3/4"	F14	HM	TG		106		B111A.1
B111A.2	DG	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F7	HM	TG		090		B111A.2
B111A.3	OH		HM	--	9' - 0"	14' - 0"	0' - 1 3/4"		ST	--	90 MIN	117	9	B111A.3
B111A.4	OH		HM	--	9' - 0"	14' - 0"	0' - 1 3/4"		ST	--	90 MIN	117	9	B111A.4
B111A.5	F	2	WD	--	7' - 0"	7' - 0"	0' - 1 3/4"	F1	HM	--		077		B111A.5
B111B	F	2	HM	--	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		072		B111B
B111D	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		052		B111D
B113C	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		059		B113C
B116	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		B116
B118	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		B118
B118A	F	1	WD	--	7' - 0"	3' - 4"	0' - 1 3/4"	F1	HM	--		042		B118A
B120	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		022B	13	B120
B126.4	F	2	WD	--	7' - 0"	6' - 0"	0' - 1 3/4"	F1	HM	--		106E	6	B126.4
B128	F	1	HM	--	6' - 8"	3' - 6"	0' - 1 3/4"	F1	HM	--	45 MIN	066A		B128
B128A	F	1	WD	--	7' - 0"	3' - 6"	0' - 1 3/4"	F1	HM	--		006		B128A
B130.1	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		023		B130.1
B130.2	OHC		ST	--	5' - 0"	8' - 0"	0' - 0 3/4"		ST	--		117		B130.2
B130A	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		046		B130A
B132.1	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		024		B132.1
B132.2	OHG		ST	--	6' - 0"	8' - 0"	0' - 0 3/4"		ST	--		117	10	B132.2
B132.3	OHG		ST	--	6' - 0"	8' - 0"	0' - 0 3/4"		ST	--		117	10	B132.3
B132A	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		015		B132A
B132B	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		041		B132B
B132C	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F6	HM	TG		015		B132C
B132E	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		064		B132E
B134.1	NV	1	WD	TG	7' - 0"	3' - 6"	0' - 1 3/4"	F1	HM	--		018		B134.1
B134.2	NV	1	WD	TG	7' - 0"	3' - 6"	0' - 1 3/4"	F1	HM	--		018		B134.2
B135	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		024	11	B135
B135A	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		046		B135A
B135B	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		015		B135B
B135C	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		015		B135C
B135D	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		015		B135D
B135E	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		025	13	B135E
B135F	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		025	13	B135F
B135G	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		015		B135G
B135H	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		015		B135H
B135J	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		015		B135J
B135K	DG	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F7	HM	TG		015		B135K
B140.1	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		084		B140.1
B140.2	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		084		B140.2
B140A	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		015		B140A
B142B	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		015		B142B
B202	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	B202
B203	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	B203
B204	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	B204
B205	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	B205
B206	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		B206
B207	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	B207
B209	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	B209
B212	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		024		B212
B214	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		B214
B216	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		059		B216
B218	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		B218
B220	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		B220
C205	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		062		C205
C206	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	C206
C207	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		C207
C208	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	C208
C209	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	C209
C210	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	C210
C211	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	C211
C212	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		014	11	C212
D1C0.1	F	2	HM	--	7' - 0"	8' - 0"	0' - 1 3/4"	ETR		--	90 MIN	113	11	D1C0.1
D1C2.1	F	2	HM	--	7' - 0"	6' - 8"	0' - 1 3/4"	F1	HM	--	90 MIN	113A		D1C2.1
D1C2.2	F	2	HM	--	7' - 0"	6' - 8"	0' - 1 3/4"	F1	HM	--	90 MIN	113A		D1C2.2
D1C2.3	F	2	HM	--	7' - 0"	6' - 8"	0' - 1 3/4"	F1	HM	--	90 MIN	113		D1C2.3
D2C2.1	G	2	WD	TG	7' - 0"	5' - 6"	0' - 1 3/4"	ETR		--		106B	11	D2C2.1
D2C2.2	G	2	WD	TG	7' - 0"	5' - 6"	0' - 1 3/4"	ETR		--		106A	11	D2C2.2
D108	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		024		D108
D108C	F	1	HM	--	7' - 0"	3' - 6"	0' - 1 3/4"	F1	HM	--		066		D108C
D110	F	2	WD	--	7' - 0"	6' - 0"	0' - 1 3/4"	F1	HM	--		076		D110
D112	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		008		D112
D112A	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		025		D112A
D112B	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		025		D112B
D114.2	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		005		D114.2
D114A	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		046	11	D114A
D114H	F	1	WD	--	7' - 0"	4' - 0"	0' - 1 3/4"	F1	HM	--		007		D114H
D114J.2	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		046		D114J.2
D114K.1	OH		HM	--	8' - 0"	8' - 0"	0' - 1 3/4"			--		117	10	D114K.1
D114K.2	OH		HM	--	8' - 0"	8' - 0"	0' - 1 3/4"			--		117	10	D114K.2
D114K.3	OH		HM	--	8' - 0"	8' - 0"	0' - 1 3/4"			--		117	10	D114K.3
D114K.4	OH		HM	--	8' - 0"	8' - 0"	0' - 1 3/4"			--		117	10	D114K.4
D114K.5	OH		HM	--	8' - 0"	8' - 0"	0' - 1 3/4"			--		117	10	D114K.5
D114K.7	OH		HM	--	8' - 0"	8' - 0"	0' - 1 3/4"			--		117	10	D114K.7
D114K.8	OH		HM	--	8' - 0"	8' - 0"	0' - 1 3/4"			--		117	10	D114K.8
D114K.9	OH		HM	--	8' - 0"	8' - 0"	0' - 1 3/4"			--		117	10	D114K.9
D114K.10	OH		HM	--	8' - 0"	8' - 0"	0' - 1 3/4"			--		117	10	D114K.10
D114L	F	2	HM	--	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		076		D114L
D114M	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		041		D114M
D116	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		024		D116
D119.1	F	2	HM	--	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		075		D119.1
D120.1	F	2	HM	--	8' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		074		D120.1
D121.1	F	1	WD	--	7' - 0"	4' - 0"	0' - 1 3/4"	F1	HM	--		087A	5	D121.1
D121.2	F	2	WD	--	7' - 0"	6' - 0"	0' - 1 3/4"	F1	HM	--		104	5	D121.2
D123D.1	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		039	8	D123D.1
D123D.2	F	2	HM	--	7' - 0"	6' - 0"	0' - 1 3/4"	F1	HM	--		076	8	D123D.2
D123D.3	F	2	HM	--	7' - 0"	6' - 0"	0' - 1 3/4"	F1	HM	--		076	8	D123D.3
D123D.4	F	2	HM	--	7' - 0"	7' - 0"	0' - 1 3/4"	F2	HM	--		039B		D123D.4
D201	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	D201
D203	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	D203

GENERAL NOTES

A. This Door Schedule(s) is furnished for whatever assistance it may afford the Contractor. Do not consider it as entirely inclusive. Carefully examine the Drawings (especially the Floor Plans) and the Specifications to determine the extent of door and frame quantities required (including interior borrowed lite or sidelite openings). Should any particular door, frame, or interior borrowed lite or sidelite shown on the Drawings be inadvertently omitted from this Schedule, supply same as required for similar openings.

B. The "QTY" column designates the number of leaves in the opening. The "Door Width" column designates the total width of all leaves. In multiple leaf conditions, the leaves shall equally divide the "Door Width" unless noted otherwise; however, the active leaf shall not be less than 3'-0" wide.

C. Door Type "X" denotes a frame with no door such as a borrowed lite, reference Frame Elevations.

D. An asterisk (*) in a dimension denotes a width that varies, reference plans, elevations, details and schedules.

E. Verify locksets with the Owner during submittals.

F. Refer to Details on Opening Details Sheets.

ABBREVIATIONS

AL	Aluminum
HM	Hollow Metal
ST	Steel
WD	Wood
TG	Tempered Glazing
IG	Insulated Glazing
LG	Laminated Glazing
FG	Frosted Glazing
SP	Spandrel Panel

DOOR & FRAME SCHEDULE NOTES

See Door Schedule

1. Existing door and frame to remain. New hardware only (08 71 00). Field verify all existing door and frame information as required for installation of new hardware.
2. New door/frame in existing masonry wall. Tooth in new masonry into existing as required.
3. Set door in frame to allow for 180° door swing.
4. Sound Control Door Assembly (08 34 73) to meet a minimum acoustical rating of STC 51.
5. SCW door (08 14 16) and steel frame (08 11 13) with full perimeter sound seal kit (08 71 00).
6. Provide full perimeter sound seal kit (08 71 00).
7. Existing door and steel frame to recieve full perimeter sound seal kit (08 71 00)
8. Penthouse and Tunnel Door replacement Alternate.
9. 083326 - Overhead Coiling Grilles
10. 083323 - Overhead Coiling Doors
11. Existing frame to remain. New Panel and New hardware (08 71 00). Field verify all existing door and frame information as required for installation.
12. PAC Additional Work Alternate.
13. Door undercut to be 1" min. a.f.f.

A2.3

SCHMIDT
ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

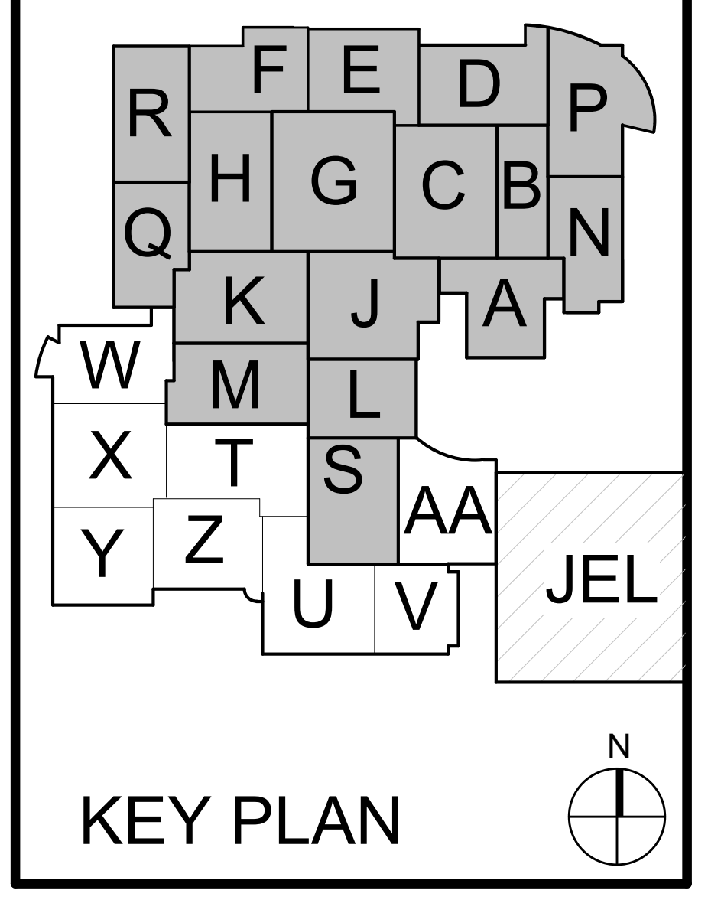
Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced SLS HEL

SARAH KATHLEEN HEMPSTEAD
NO. AR10400134

Sarah K Hempstead

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

1801 East 86th Street
Indianapolis, IN 46240



M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

DOOR SCHEDULE

A-600.3

DOOR & FRAME SCHEDULE

MARK	DOOR PANEL							FRAME			LABEL	HDWR SET	NOTES	MARK
	TYPE	QTY	MATL	GLAZ	SIZE			MARK	MATL	GLAZ				
					H	W	TH							
D205	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	D205
D207	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	D207
D211	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	D211
D212	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	D212
D213	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	D213
D215	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	D215
D216	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	D216
D218	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	D218
D219	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	D219
D221	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	D221
D223	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	D223
D225	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		015		D225
D227B	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		015		D227B
D227C	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		015		D227C
D227D	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		015		D227D
D227H	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		046		D227H
D238	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		025	13	D238
D239	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		062		D239
D240	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		024A		D240
E101	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		025	13	E101
E103	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		025	13	E103
E104	F	2	HM	--	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		075		E104
E105	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		025	13	E105
E106	F	2	HM	--	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		075		E106
E107	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		009		E107
E107B	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		052		E107B
E108.1	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F21	HM	LG		015		E108.1
E108.2	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		015		E108.2
E109	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		009		E109
E109B	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		052		E109B
E110.1	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F21	HM	LG		013		E110.1
E110.2	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		015		E110.2
E111	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		025	13	E111
E112.1	F	2	WD	--	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		106C		E112.1
E112.2	F	2	WD	--	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		106C		E112.2
E113	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		025	13	E113
E113H	F	2	HM	--	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		070		E113H
E115	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		020	13	E115
E115A	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		011		E115A
E116L	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		009		E116L
E116M	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		052	13	E116M
E116P	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		008		E116P
E116Q	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		052	13	E116Q
E116T	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		052		E116T
E116U	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		052		E116U
E216A	F	2	WD	--	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		106		E216A
E216C	F	2	WD	--	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		078		E216C
F1C0.1	F	1	WD	--	7' - 0"	7' - 0"	0' - 1 3/4"	F2	HM	--		004		F1C0.1
FC10.2	F	2	WD	--	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		106C		FC10.2
G1C0.1	DG	2	AL	TG	7' - 0"	6' - 8"	0' - 1 3/4"	SF26	AL	TG		110E	5	G1C0.1
G1C1.3	G	2	WD	TG	7' - 0"	6' - 0"	0' - 1 3/4"	F13	HM	TG		106		G1C1.3
G1C1.4	G	2	WD	TG	7' - 0"	6' - 0"	0' - 1 3/4"	F13	HM	TG		106D		G1C1.4
G101.1	NV	2	WD	TG	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		104	5	G101.1
G101.2	F	1	HM	--	7' - 0"	4' - 0"	0' - 1 3/4"	F2	HM	--		083	6	G101.2
G101A.1	NV	2	WD	TG	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		105	5	G101A.1
G101A.2	NVA	2	ST	TG	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		102	4	G101A.2
G101B	F	2	WD	--	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		070		G101B
G101C	NVA	2	ST	TG	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		049	4	G101C
G101D	NVA	1	ST	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		047	4	G101D
G101E	NVA	1	ST	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		047	4	G101E
G101F	NVA	1	ST	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		047	4	G101F
G101G	NVA	1	ST	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		047	4	G101G
G102	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		024		G102
G102A.1	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		012		G102A.1
G102A.2	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		015		G102A.2
G103.1	NV	2	WD	TG	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		105	5	G103.1
G103.2	NV	2	WD	TG	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		105	5	G103.2
G103.3	NV	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		051		G103.3
G103A	NVA	1	ST	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		044	4	G103A
G103B	NVA	1	ST	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		044	4	G103B
G103C	NVA	1	ST	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		044	4	G103C
G103D	NVA	1	ST	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		044	4	G103D
G103E	F	2	WD	--	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		073		G103E
G103F	NVA	1	ST	TG	7' - 0"	4' - 0"	0' - 1 3/4"	F2	HM	--		047	4	G103F
G103G	F	1	WD	--	7' - 0"	4' - 0"	0' - 1 3/4"	F2	HM	--		060		G103G
G104	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		062		G104
G106.1	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		065		G106.1
G106.2	NV	2	WD	TG	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		079		G106.2
G107	NV	2	WD	TG	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		079		G107
G111.3	F	2	HM	--	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		101		G111.3
H1C1.1	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		059		H1C1.1
H1C1.2	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		062		H1C1.2
H101	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		012		H101
H102.1	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		024		H102.1
H102.2	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		015		H102.2
H103	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		058	13	H103
H110	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		037A		H110
H111	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--	90 MIN	030		H111
H111A	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		046		H111A
H112A	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		046		H112A
H116A	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		046		H116A
H200A	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		015		H200A
H200B	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		015		H200B
H200C	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		015		H200C
H200D	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		015		H200D
H200E	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		015		H200E
H200F	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		046		H200F
H200G	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		015		H200G
H200H	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		025	13	H200H
H200J	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		025	13	H200J
J201	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	J201
J202.1	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		084		J202.1
J202.2	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		084		J202.2
J202A	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F6	HM	TG		015		J202A
J202B	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F6	HM	TG		015		J202B
J204	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		015		J204
J205	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		016		J205
J206	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	J206
J207	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	J207
J208	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	J208
J209	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	J209
J210	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	J210
J211	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	J211
J212	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	J212
J214	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	J214
J215	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	J215
J218	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	J218
K1C1.1	G	2	WD	TG	7' - 0"	7' - 0"	0' - 1 3/4"	F8	HM	TG		106		K1C1.1
K1C2.1	G	2	WD	TG	7' - 0"	6' - 0"	0' - 1 3/4"	F9	HM	TG		106A		K1C2.1
K1C2.2	G	2	WD	TG	7' - 0"	6' - 0"	0' - 1 3/4"	F9	HM	TG		106B		K1C2.2
K1C3.1	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		093		K1C3.1
K1C3.2	OH	1	ST	--	8' - 0"	8' - 0"	0' - 1 3/4"	--		--		117		K1C3.2
K1C4.1	F	2	HM	--	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--	90 MIN	111		K1C4.1
K1C4.2	F	2	HM	--	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--	90 MIN	112		K1C4.2
K1C4.3	F	2	HM	--	7' - 0"	6' - 0"	0' - 1 3/4"	F1	HM	--		101A		K1C4.3
K002A.1	DG	2	AL	IG	7' - 0"	6' - 0"	0' - 2 1/4"	CW8A	AL	IG		096		K002A.1
K002A.2	DG	2	AL	IG	7' - 0"	6' - 0"	0' - 2 1/4"	CW8A	AL	IG		099		K002A.2
K002A.3	DG	2	AL	TG	7' - 0"	6' - 0"	0' - 1 3/4"	SF25	AL	TG		002		K002A.3
K002A.4	DG	2	AL	TG	7' - 0"	6' - 0"	0' - 1 3/4"	SF25	AL	TG		003		K002A.4
K2C0.1	G	2	WD	TG	7' - 0"	5' - 7"	0' - 1 3/4"	ETR		--		106B	11	K2C0.1
K2C0.2	G	2	WD	TG	7' - 0"	5' - 7"	0' - 1 3/4"	ETR		--		106A	11	K2C0.2
K100.1	DG	2	AL	TG	7' - 0"	6' - 0"	0' - 1 3/4"	SF24	AL	TG		003		K100.1
K100.2	DG	2	AL	TG	7' - 0"	6' - 0"	0' - 1 3/4"	SF24	AL	TG		003		K100.2
K100.3	DG	2	AL	TG	7' - 0"	6' - 0"	0' - 1 3/4"	SF24	AL	TG		002		K100.3
K100.4	DG	2	AL	IG	7' - 0"	6' - 0"	0' - 2 1/4"	CW6A	AL	IG		095		K100.4
K100.5	DG	2	AL	IG	7' - 0"	6' - 0"	0' - 2 1/4"	CW6A	AL	IG		099		K100.5
K100.6	DG	2	AL	IG	7' - 0"	6' - 0"	0' - 2 1/4"	CW6A	AL	IG		099		K100.6
K108.1	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		059B	11	K108.1
K108.2	OH		HM	--	8' - 0"	5' - 0"	0' - 1 3/4"			--		117		K108.2
K111.2	OH		HM	--	8' - 0"	8' - 0"	0' - 1 3/4"			--		117		K111.2
K112	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		059		K112
K113.1	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		091		K113.1
K113.2	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		091		K113.2
K113A	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		025	13	K113A
K113B	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		008		K113B
K113C	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		008		K113C
K113D	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		025		K113D
K116	F	1	HM	--	8' - 2"	4' - 0"	0' - 1 3/4"	F2	HM	--		066		K116

A2.3

DOOR & FRAME SCHEDULE

MARK	DOOR PANEL							FRAME			LABEL	HDWR SET	NOTES	MARK
	TYPE	QTY	MATL	GLAZ	SIZE			MARK	MATL	GLAZ				
					H	W	TH							
K118.1	NV	2	WD	TG	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		104	5	K118.1
K118.2	NV	2	WD	TG	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		104	5	K118.2
K118A	NVA	1	ST	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		044	4	K118A
K119	F	2	WD	--	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		075		K119
K119.1	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		016B		K119.1
K119.2	NVA	1	ST	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		016B	5	K119.2
K120	F	2	WD	--	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		075		K120
K121	F	2	WD	--	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--	90 MIN	080		K121
K121.1	NV	2	WD	TG	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		105A	5	K121.1
K121.2	F	1	WD	--	7' - 0"	3' - 6"	0' - 1 3/4"	F1	HM	--		087B	5	K121.2
K123	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		059		K123
K125B	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		085		K125B
K126	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		025	13	K126
K128	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		025	13	K128
K129	F2	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		020		K129
K200	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		023	11	K200
K202	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	K202
K204	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	K204
K206	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	K206
K208.1	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	K208.1
K208.2	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		038	11	K208.2
K210	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	K210
K218	NV	2	WD	TG	7' - 0"	6' - 0"	0' - 1 3/4"	ETR		--		106E	11	K218
K225E.1	F	2	HM	--	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		078		K225E.1
K225E.2	F	2	HM	--	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		039B		K225E.2
L001.1	DG	2	AL	TG	7' - 0"	6' - 0"	0' - 2 1/4"	SF3	AL	TG		003A		L001.1
L001.2	DG	2	AL	IG	7' - 0"	6' - 0"	0' - 2 1/4"	SF3	AL	IG		098		L001.2
L1C1	G	2	WD	TG	7' - 0"	8' - 0"	0' - 1 3/4"	F3	HM	TG		106C		L1C1
L1C2.1	G	2	WD	TG	7' - 0"	5' - 6"	0' - 1 3/4"	ETR		--		106A	11	L1C2.1
L1C2.2	G	2	WD	TG	7' - 0"	5' - 6"	0' - 1 3/4"	ETR		--		106B	11	L1C2.2
L1C2.3	G	2	WD	TG	7' - 0"	5' - 6"	0' - 1 3/4"	ETR		--		106B	11	L1C2.3
L1C2.4	G	2	WD	TG	7' - 0"	5' - 6"	0' - 1 3/4"	ETR		--		106A	11	L1C2.4
L2C0.1	G	2	WD	TG	7' - 0"	5' - 6"	0' - 1 3/4"	ETR		--		106B	11	L2C0.1
L2C0.2	G	2	WD	TG	7' - 0"	5' - 6"	0' - 1 3/4"	ETR		--		106A	11	L2C0.2
L100.1	F	1	HM	--	7' - 0"	4' - 0"	0' - 1 3/4"	F1	HM	--		026		L100.1
L100.2	OHC	1	ST	--	6' - 0"	11' - 8"	0' - 0 3/4"		ST	--		117	10	L100.2
L100A	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		015		L100A
L100B	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		015		L100B
L100C.1	F	1	HM	--	7' - 0"	4' - 0"	0' - 1 3/4"	F1	HM	--		063		L100C.1
L100C.2	F	1	HM	--	7' - 0"	4' - 0"	0' - 1 3/4"	F1	HM	--		042		L100C.2
L103	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		023	11	L103
L103.2	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		024		L103.2
L103A	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F5	HM	TG		015	13	L103A
L103B	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		046	13	L103B
L103C	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		001		L103C
L103D	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		052	13	L103D
L103E	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		050	13	L103E
L103F	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		025	13	L103F
L103G	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		025	13	L103G
L105	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	L105
L107	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	L107
L108	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	L108
L110	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	L110
L114.1	NV	1	WD	TG	7' - 0"	4' - 0"	0' - 1 3/4"	F1	HM	--		087A	5	L114.1
L116.1	F	2	WD	--	7' - 0"	6' - 0"	0' - 1 3/4"	F1	HM	--		103		L116.1
L116.2	NV	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		115		L116.2
L117.1	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016C	11	L117.1
L117.2	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016C	11	L117.2
L118.3	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	L118.3
L120A	NVA	1	ST	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		044	4	L120A
L120B	NVA	1	ST	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		044	4	L120B
L120C	NVA	1	ST	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		044	4	L120C
L120D	NVA	1	ST	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		044	4	L120D
L200	F	2	HM	--	7' - 0"	6' - 0"	0' - 1 3/4"	F1	HM	--		076		L200
L201	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	L201
L203	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	L203
L204	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	L204
L205	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		059		L205
L207	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		014	11	L207
L208	NV	2	WD	TG	7' - 0"	6' - 0"	0' - 1 3/4"	ETR		--		100	11	L208
L211	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		014	11	L211
L212	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	L212
L213	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		009		L213
L214	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		009		L214
L215	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		022A		L215
L215A	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		025	13	L215A
L216B	F	2	WD	--	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		072		L216B
L216C.1	F	2	HM	--	7' - 0"	6' - 0"	0' - 1 3/4"	F2	HM	--		072		L216C.1
L217	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		052A		L217
L219	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		052A		L219
L220	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		009		L220
L223	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		009		L223
M1C0.1	G	2	WD	TG	7' - 0"	5' - 6"	0' - 1 3/4"	ETR		--		106A	11	M1C0.1
M1C0.2	G	2	WD	TG	7' - 0"	5' - 6"	0' - 1 3/4"	ETR		--		106B	11	M1C0.2
M1C0.3	G	2	WD	TG	7' - 0"	5' - 6"	0' - 1 3/4"	ETR		--		106A	11	M1C0.3
M1C0.4	G	2	WD	TG	7' - 0"	5' - 6"	0' - 1 3/4"	ETR		--		106B	11	M1C0.4
M2C1.1	G	2	WD	TG	7' - 0"	6' - 0"	0' - 1 3/4"	ETR		--		106	11	M2C1.1
M101	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	M101
M103	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	M103
M105	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	M105
M106	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	M106
M107	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	M107
M108	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	M108
M109	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	M109
M111	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	M111
M200	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	M200
M201	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	M201
M202	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		M202
M203	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	M203
M204	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		014	11	M204
M205	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	M205
M206	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		M206
M207	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	M207
M209	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	M209
M210	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	M210
M211	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	M211
M213	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		016	11	M213
N2C0	F	2	WD	--	7' - 0"	6' - 0"	0' - 1 3/4"	F1	HM	--		076		N2C0
N2C1	G	2	WD	TG	7' - 0"	7' - 0"	0' - 1 3/4"	F8	HM	TG		106		N2C1
N106.2	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		037A		N106.2
N106A	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		046		N106A
N108A	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		046		N108A
N110	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		059		N110
N123	F	1	WD	--	7' - 0"	3' - 4"	0' - 1 3/4"	ETR	HM	--		063	11	N123
N129	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		N129
N129A.1	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		046		N129A.1
N129A.2	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		046		N129A.2
N131	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		N131
N134	F	2	HM	--	7' - 0"	6' - 0"	0' - 1 3/4"	F1	HM	--		076		N134
N201	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		N201
N206	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016D		N206
N210	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		016		N210
N211.1	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1		--		086		N211.1
N213.1	NV	1	WD	TG	7' - 0"	3' - 4"	0' - 1 3/4"	F1	HM	--		091B		N213.1
N213.2	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		091A		N213.2
N231.1	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		032		N231.1
N231.2	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		032		N231.2
N231A	G	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	ETR		--		039C	11	N231A
N231B	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		038		N231B
N232	F	2	WD	--	7' - 0"	6' - 0"	0' - 1 3/4"	F1	HM	--		076		N232
N233	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		058		N233
N235.1	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		032		N235.1
N235.2	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		032		N235.2
N235A	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		041		N235A
T002.1	F	1	HM	--	6' - 0"	3' - 6"	0' - 1 3/4"	F1	HM	--		060	8	T002.1
T006.1	F	2	HM	--	6' - 8"	6' - 0"	0' - 1 3/4"	F1	HM	--		076	8	T006.1
T006.2	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		062	8	T006.2
T006.3	F	2	HM	--	6' - 8"	4' - 6"	0' - 1 3/4"	F1	HM	--		076	8	T006.3
T007	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		062	8	T007
T008	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--		062	8	T008
T011	F	2	HM	--	7' - 0"	6' - 0"	0' - 1 3/4"	F1	HM	--		076	8	T011
V100	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--		039A		V100

A2.3

GENERAL NOTES

A. This Door Schedule(s) is furnished for whatever assistance it may afford the Contractor. Do not consider it as entirely inclusive. Carefully examine the Drawings (especially the Floor Plans) and the Specifications to determine the extent of door and frame quantities required (including interior borrowed lite or sidelite openings). Should any particular door, frame, or interior borrowed lite or sidelite shown on the Drawings be inadvertently omitted from this Schedule, supply same as required for similar openings.

B. The "QTY" column designates the number of leaves in the opening. The "Door Width" column designates the total width of all leaves. In multiple leaf conditions, the leaves shall equally divide the "Door Width" unless noted otherwise; however, the active leaf shall not be less than 3'-0" wide.

C. Door Type "X" denotes a frame with no door such as a borrowed lite, reference Frame Elevations.

D. An asterisk (*) in a dimension denotes a width that varies, reference plans, elevations, details and schedules.

E. Verify locksets with the Owner during submittals.

F. Refer to Details on Opening Details Sheets.

ABBREVIATIONS

AL	Aluminum
HM	Hollow Metal
ST	Steel
WD	Wood
TG	Tempered Glazing
IG	Insulated Glazing
LG	Laminated Glazing
FG	Frosted Glazing
SP	Spandrel Panel

DOOR & FRAME SCHEDULE NOTES

See Door Schedule

1. Existing door and frame to remain. New hardware only (08 71 00). Field verify all existing door and frame information as required for installation of new hardware.
2. New door/frame in existing masonry wall. Tooth in new masonry into existing as required.
3. Set door in frame to allow for 180° door swing.
4. Sound Control Door Assembly (08 34 73) to meet a minimum acoustical rating of STC 51.
5. SCW door (08 14 16) and steel frame (08 11 13) with full perimeter sound seal kit (08 71 00).
6. Provide full perimeter sound seal kit (08 71 00).
7. Existing door and steel frame to recieve full perimeter sound seal kit (08 71 00)
8. Penthouse and Tunnel Door replacement Alternate.
9. 083326 - Overhead Coiling Grilles
10. 083323 - Overhead Coiling Doors
11. Existing frame to remain. New Panel and New hardware (08 71 00). Field verify all existing door and frame information as required for installation.
12. PAC Additional Work Alternate.
13. Door undercut to be 1" min. a.f.f.

A2.3

SCHMIDT
ASSOCIATES
415 Massachusetts Avenue
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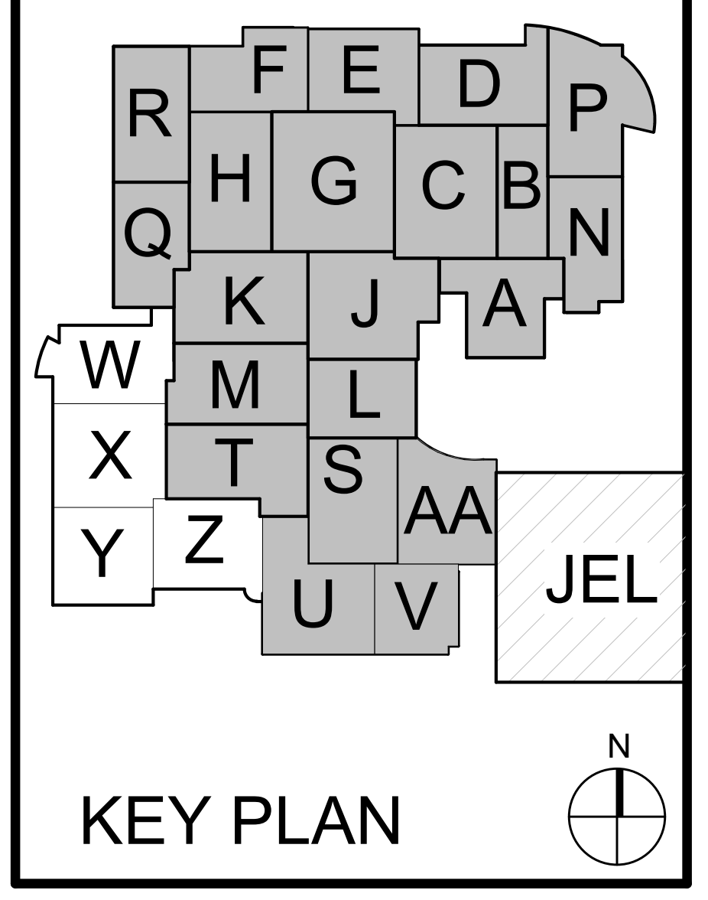
Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced SLS HEL

SARAH KATHLEEN HEMPSTEAD
NO. AR10400134
STATE OF INDIANA

Sarah K Hempstead

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

1801 East 86th Street
Indianapolis, IN 46240



M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

DOOR SCHEDULE

A-601.3

EXISTING DOOR SCHEDULE
NEW HARDWARE ONLY: VERIFY ETR DOOR FRAME AND PANEL, SIZE AND MATERIAL

MARK	DOOR PANEL / QTY	LABEL	HDWR SET	NOTES	MARK
XA2C0.1	1	90 MIN	116B	1	XA2C0.1
XA2C0.2	1	90 MIN	116B	1	XA2C0.2
XA144	1		067	1	XA144
XA146	1		016A	1	XA146
XA200	1		016A	1	XA200
XA204	1		016A	1	XA204
XB1C4.1	2	90 MIN	116C	1	XB1C4.1
XB1C4.2	2	90 MIN	116D	1	XB1C4.2
XB1C4.3	2	90 MIN	116C	1	XB1C4.3
XD2C0.1	2		116E	1	XD2C0.1
XD105.1	2		081	1	XD105.1
XD119A	2		056B	1	XD119A
XD121.3	1		067A	1	XD121.3
XE100	2		116A	1,7	XE100
XF101.1	2		116A	1,7,12	XF101.1
XF101.2	2		116A	1,7,12	XF101.2
XG1C0.2	2		110A	1,7	XG1C0.2
XH104	1		016A	1	XH104
XH105	1		016A	1	XH105
XH106	1		016A	1	XH106
XH110	1		016A	1	XH110
XH112	1		016A	1	XH112
XH115.1	1		016A	1	XH115.1
XH115.2	2		036	1	XH115.2
XH116	2		036	1	XH116
XH204	1		016A	1	XH204
XH208	1		016A	1	XH208
XH210	1		016A	1	XH210
XH211	1		016A	1	XH211
XH212	1		016A	1	XH212
XH213	1		016A	1	XH213
XH214	1		016A	1	XH214
XH215	1		016A	1	XH215
XH218	1		016A	1	XH218
XH220	1		016A	1	XH220
XH222	1		016A	1	XH222
XH224	1		016A	1	XH224
XH225	1		016A	1	XH225
XH228	1		016A	1	XH228
XH230	1		016A	1	XH230
XH231	1		016A	1	XH231
XH232	1		016A	1	XH232
XH233	1		016A	1	XH233
XH234	1		016A	1	XH234
XK111.1	1		067	1	XK111.1

EXISTING DOOR SCHEDULE
NEW HARDWARE ONLY: VERIFY ETR DOOR FRAME AND PANEL, SIZE AND MATERIAL

MARK	DOOR PANEL / QTY	LABEL	HDWR SET	NOTES	MARK
XK114	2		081	1	XK114
XK115.2	1		067A	1	XK115.2
XK115A	1		067A	1	XK115A
XK125.1	1		116	1,7,12	XK125.1
XK125.2	1		116	1,7,12	XK125.2
XK125.3	2		116A	1,7,12	XK125.3
XK125.4	2		116A	1,7,12	XK125.4
XK125.5	1		116	1,7,12	XK125.5
XK225A	1		116F	1,7	XK225A
XL114.2	1		067A	1	XL114.2
XL114.3	1		040	1	XL114.3
XL114.4	1		116	1	XL114.4
XL118	2		036A	1, 7	XL118
XL118.2	1		040A	1, 7	XL118.2
XL120.2	1		115	1,7	XL120.2
XN101	1		016A	1	XN101
XN105	1		016A	1	XN105
XN106	1		016A	1	XN106
XN108	1		016A	1	XN108
XN111	1		016A	1	XN111
XN112	1		016A	1	XN112
XN117	1		016A	1	XN117
XN118	1		016A	1	XN118
XN122	1		016A	1	XN122
XN123	1		016A	1	XN123
XN124	1		016A	1	XN124
XN127	1		016A	1	XN127
XN128	1		016A	1	XN128
XN203	1		016A	1	XN203
XN205	1		016A	1	XN205
XN211.2	1		086A	1	XN211.2
XN214	1		016A	1	XN214
XN216	1		016A	1	XN216
XN219	1		016A	1	XN219
XN220	1		016A	1	XN220
XN221	1		016A	1	XN221
XN222	1		016A	1	XN222
XN225	1		016A	1	XN225
XN226	1		016A	1	XN226
XN229.1	1		016A	1	XN229.1
XN236	1		067	1	XN236

A2.3

GENERAL NOTES

A. This Door Schedule(s) is furnished for whatever assistance it may afford the Contractor. Do not consider it as entirely inclusive. Carefully examine the Drawings (especially the Floor Plans) and the Specifications to determine the extent of door and frame quantities required (including interior borrowed lite or sidelite openings). Should any particular door, frame, or interior borrowed lite or sidelite shown on the Drawings be inadvertently omitted from this Schedule, supply same as required for similar openings.

B. The "QTY" column designates the number of leaves in the opening. The "Door Width" column designates the total width of all leaves. In multiple leaf conditions, the leaves shall equally divide the "Door Width" unless noted otherwise; however, the active leaf shall not be less than 3'-0" wide.

C. Door Type "X" denotes a frame with no door such as a borrowed lite, reference Frame Elevations.

D. An asterisk (*) in a dimension denotes a width that varies, reference plans, elevations, details and schedules.

E. Verify locksets with the Owner during submittals.

F. Refer to Details on Opening Details Sheets.

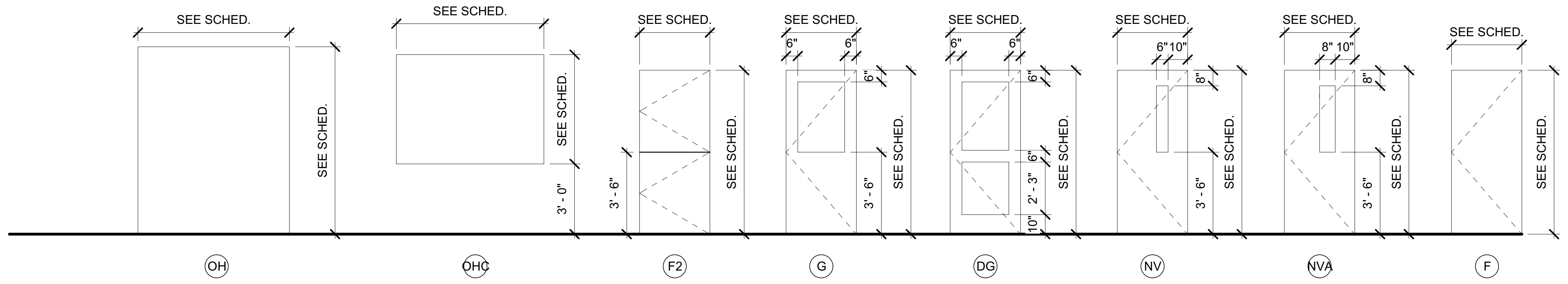
ABBREVIATIONS

AL	Aluminum
HM	Hollow Metal
ST	Steel
WD	Wood
TG	Tempered Glazing
IG	Insulated Glazing
LG	Laminated Glazing
FG	Frosted Glazing
SP	Spandrel Panel

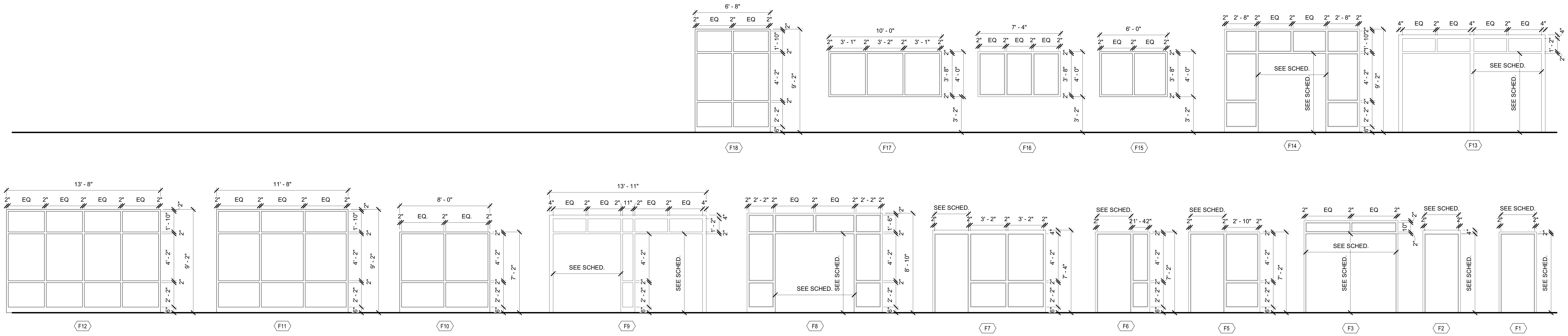
DOOR & FRAME SCHEDULE NOTES
See Door Schedule

1. Existing door and frame to remain. New hardware only (08 71 00). Field verify all existing door and frame information as required for installation of new hardware.
2. New door/frame in existing masonry wall. Tooth in new masonry into existing as required.
3. Set door in frame to allow for 180° door swing.
4. Sound Control Door Assembly (08 34 73) to meet a minimum acoustical rating of STC 51.
5. SCW door (08 14 16) and steel frame (08 11 13) with full perimeter sound seal kit (08 71 00).
6. Provide full perimeter sound seal kit (08 71 00).
7. Existing door and steel frame to recieve full perimeter sound seal kit (08 71 00)
8. Penthouse and Tunnel Door replacement Alternate.
9. 083326 - Overhead Coiling Grilles
10. 083323 - Overhead Coiling Doors
11. Existing frame to remain. New Panel and New hardware (08 71 00). Field verify all existing door and frame information as required for installation.
12. PAC Additional Work Alternate.
13. Door undercut to be 1" min. a.f.f.

A2.3



5.4.602.3 - DOOR PANEL ELEVATIONS PH3
1/4" = 1'-0"



NOTE: REFER TO SPEC SECTION 088000 FOR GLASS TYPES INDICATED. ALL GLASS WITHIN 30 INCHES OF FLOOR SHALL MEET INDIANA BUILDING CODE SAFETY REQUIREMENTS.

NOTE: ALL EXTERIOR LOCATIONS SHALL HAVE IG-1 GLASS TYPE UNLESS NOTED OTHERWISE ALL INTERIOR LOCATIONS SHALL HAVE TG GLASS TYPE UNLESS NOTED OTHERWISE

5.4.603.3 - FRAME ELEVATIONS PH3
1/4" = 1'-0"

SEE SHEET A-604.3 FOR ADDITIONAL FRAMES

A-602.3_ DOOR SCHEDULE & FRAME ELEVATIONS
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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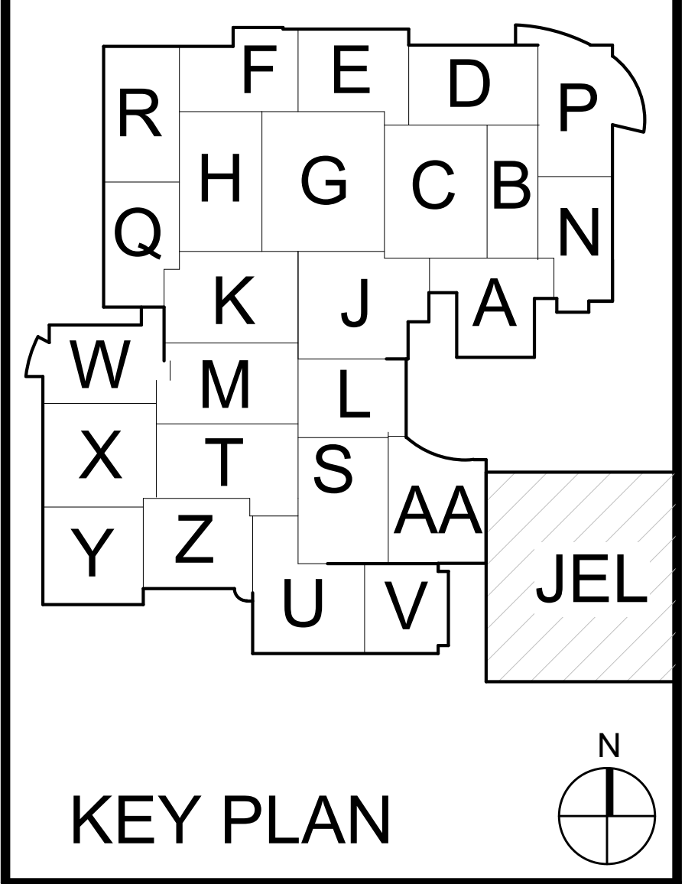


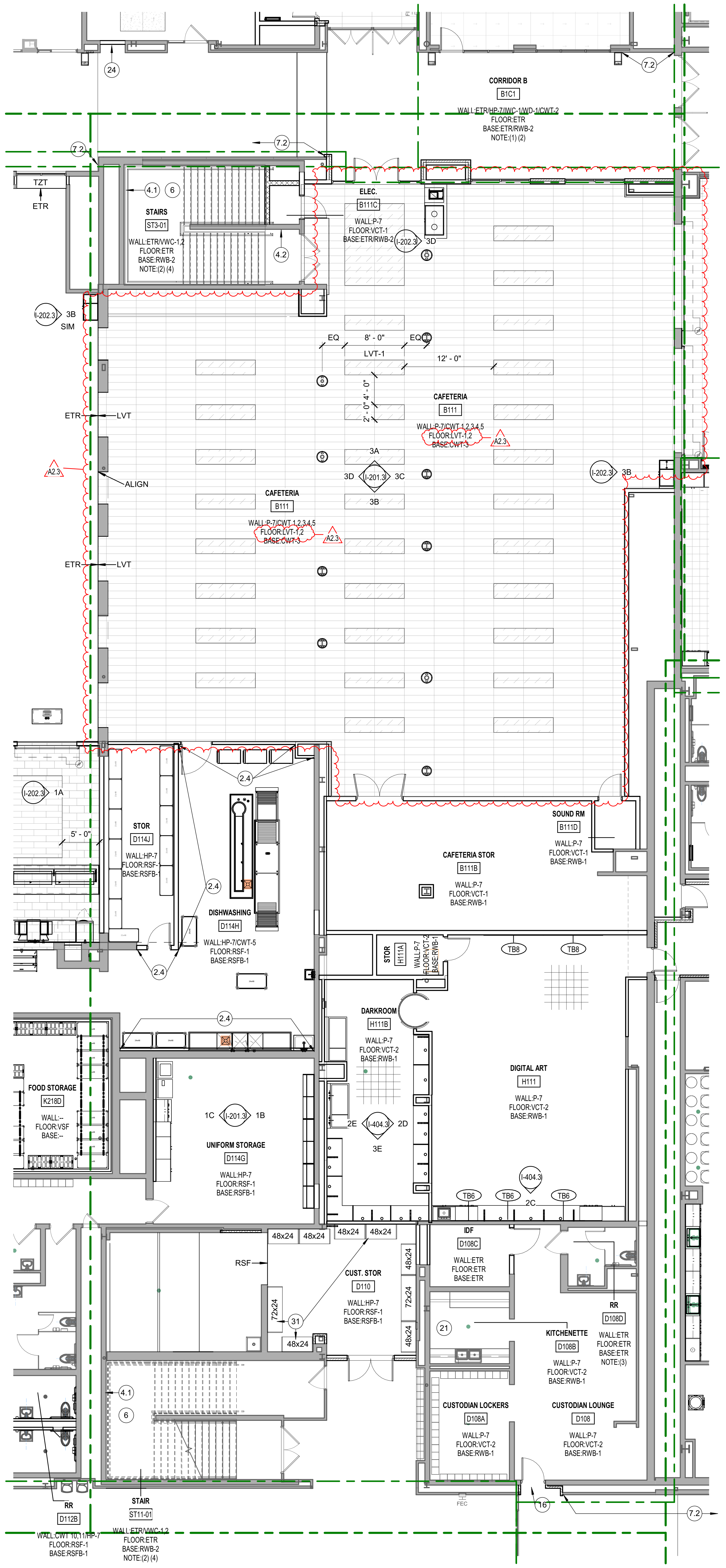
KEY PLAN

M.S.D. of Washington Township

North Central High School Renovation - Additions Phase 3

DOOR SCHEDULE & FRAME ELEVATIONS

A-602.3



2A FIRST FLOOR INTERIOR FINISH PLAN - UNIT B
1/8" = 1'-0"

INTERIOR GENERAL NOTES

REFERENCE A-001 FOR GENERAL PLAN NOTES. ALL NOTES MAY NOT APPLY TO THIS SHEET.

1. FINISHES PRIOR TO START & FINAL COMPLETION OF WORK
    - Where existing finishes are to remain outside scope of work, patch & repair any area damaged or effected by renovation, to return to like new condition, matching adjacent finishes. This includes, but is not limited to doors & associated hardware, door frames, wall finishes, wall base, floor finish including floor transitions & thresholds, etc. It is the responsibility of the contractor to verify conditions in field prior to start & completion of work.
2. Interior Painting/Wallcovering
    - Existing wall conditions that were not specifically noted to be patched and repaired, but are designated to receive new finishes, are to be repaired prior to new finishes being applied. It is the Contractors responsibility to confirm conditions in field prior to start of work.
    - Walls are to be prepped removing any existing wallcovering & residue, holes patched, and surface smoothed prior to new paint or wallcovering being installed.
    - Vinyl Wall Base over gyp. - Prior to removal of existing vinyl wall base, score wall above top of base to minimize damage to drywall.
3. Reference architectural ceilings plans for ceiling heights and bulkhead color designations. Paint all bulkheads P-10 unless specifically noted otherwise. Bulkheads that are flush with walls provide color to match adjacent wall color.
4. Paint interior hollow metal door frames HP-2.
    - Where existing conditions remain, split face finish, painting only side impacted by renovation.
5. Paint general walls HP-7 or P-7 (Neutral) unless specifically noted otherwise.
    - Athletics - Gymnasiums/Locker Rooms walls to be painted HP-1or P-1, unless specifically noted otherwise.
6. Paint all exposed conduit, piping, and associated assemblies to match adjacent paint finish. Applies to all new & existing to remain in areas of renovation.
7. Visual Display Markerboards & Tackboards- All existing to remain unless room(s) indicate new visual display to be installed or otherwise noted.
8. Corridor Walls
    - All Structural Glazed Block Walls and Cove Base are existing to remain unless noted otherwise on A-series dwgs.
    - Walls not Structural Glazing shall receive impact wallcovering wainscot. This includes any portion of wall below wainscot height not specifically called out.
9. ROOM FINISH TAG NOTES
(1) Existing glazed block walls to remain. Walls above to be patched and repaired to make ready to receive new finish.
(2) Existing terrazzo floors to remain.
(3) 09 30 00 - Where existing mosaic & porcelain floor tile is to remain, clean & seal grout.
(4) Stairs - Existing mosaic wall tile to remain.
10. ROOM FINISH TAG ABBREVIATIONS

P - paint
HP - high performance paint
CWT - ceramic wall tile
VWC - type II wallcovering
IWC - type III wallcovering
RSF - resinous flooring
SGC - structural glazed cove
VCT - vinyl tile
LVT - luxury vinyl tile
PWT - porcelain wall tile
MFT - mosaic floor tile
MWT - mosaic wall tile
WOC - walk-off carpet
CFC - concrete floor coating
TZ - epoxy terrazzo
RWB - rubber wall base
PFT - porcelain floor tile
CPT carpet tile
CPB - broadloom carpet
VSF - vinyl sheet flooring

INTERIOR FLOOR PLAN NOTES PH3

#	NOTE
1	NO NEW FINISHES. EXISTING TO REMAIN.
1.1	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL/COLUMN, INSIDE CORNER TO INSIDE CORNER TO BE P-1/HP-1.
1.2	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL, INSIDE CORNER TO INSIDE CORNER TO BE P-2/HP-2.
1.3	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL, INSIDE CORNER TO INSIDE CORNER TO BE P-3/HP-3.
1.4	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL/COLUMN, INSIDE CORNER TO INSIDE CORNER TO BE P-4.
1.5	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL/COLUMN, INSIDE CORNER TO INSIDE CORNER TO BE P-5.
1.7	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL/COLUMN, INSIDE CORNER TO INSIDE CORNER TO BE P-7/HP-7.
1.8	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL/COLUMN, INSIDE CORNER TO INSIDE CORNER TO BE P-8.
2.2	09 30 00 - WALL TO RECEIVE CERAMIC WALL TILE, REFERENCE 1E/I-501.3 FOR TYPICAL ELEVATION.
2.3	09 30 00 - ALL WALLS TO RECEIVE CERAMIC WALL TILE TO BE CWT-10,11. REFERENCE SHEET 221.3 FOR RESTROOM ELEVATIONS.
2.4	09 30 00 - ALL WALLS TO RECEIVE CERAMIC WALL TILE TO BE CWT-5. BRICK INSTALL.
2.5	09 30 00 - WALL BELOW CONCRETE BENCH TO RECEIVE CERAMIC WALL TILE, TO BE CWT-11.
3.1	12 24 13 - PROVIDE MANUAL ROLLER WINDOW SHADES. VERIFY DIMENSIONS IN FIELD PRIOR TO ORDERING AND INSTALL.
3.2	12 24 13 - PROVIDE MOTORIZED ROLLER WINDOW SHADES. VERIFY DIMENSIONS IN FIELD PRIOR TO ORDERING AND INSTALL.
4.1	09 70 00 - FULL EXTENT OF WALL TO RECEIVE NEW CUSTOM VINYL WALLCOVERING (VWC-1).
4.2	09 70 00 - FULL EXTENT OF WALL TO RECEIVE NEW VINYL WALLCOVERING (VWC-2).
4.3	09 70 00 - FULL EXTENT OF WALL TO RECEIVE NEW VINYL WALLCOVERING (VWC-3).
5	12 36 61.16 - PROVIDE SOLID SURFACE WINDOW STOOL TI BE (SS-1)
6	EXISTING TERRAZZO STAIR TREADS, RISERS, & MOSIC WALL TILE ARE EXISTING TO REMAIN. NEW RESILIENT WALL BASE TO BE INSTALLED OVER MOSAIC WALL BASE.
6.1	09 66 23 - STAIR TREADS TO BE TERRAZZO
7.1	10 26 00 - PROVIDE SURFACE MOUNTED CORNER GUARDS, (CG-1). REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
7.2	10 26 00 - PROVIDE IMPACT WALLCOVERING WAINSCOTT ALONG FULL EXTENT OF WALL UNLESS LEADERS INDICATED OTHERWISE. TO BE (IWC-1). PROVIDE EDGE TRIM ACCESSORIES AS REQUIRED BY MFR. PROVIDE NEW RUBBER WALL BASE, RWB-2 ALONG EXTENTS.
8	EXISTING DISPLAY CASES. NO NEW WORK.
8.1	10 11 00 - VISUAL DISPLAY SURFACES. CUSTOM DISPLAY CASES TO RECEIVE FABRIC WRAPPED TACKBOARD TO BE (UPH-X). REFER TO A-SERIES DRAWINGS.
9	EXISTING TERRAZZO FLOOR TO REMAIN. CLEAN AND BUFF PROTECTED FLOORS.
10	CONCRETE BENCHES TO BE SEALED, (CFC-1).
11	12 32 00 - TYPICAL CLASSROOM STORAGE. REFER TO ELEVATION 6C/I-207.3 FOR CLARIFICATION PROVIDE OPPOSITE HAND WHERE REQUIRED.
12	12 32 00 - TYPICAL RESOURCE STORAGE. REFER TO ELEVATION 3B/I-205.3 FOR CLARIFICATION PROVIDE OPPOSITE HAND WHERE REQUIRED.
13	REFERENCE SHEET I-501 FOR FLOOR PATTERNS.
14	06 40 23 - SEATED RISERS TO BE PORCELAIN TILE ON TOP AND FRONT FACE. INSTALL 1/3 RUNNING BOND LENGTHWISE. PROVIDE METAL STAIR NOSING. SEE A-SERIES DRAWINGS FOR SECTION.
15	REFERENCE 2A/I-404.3 FOR TYPICAL SCIENCE ISLAND CASEWORK ELEVATIONS.
16	09 66 23 - PATCH -IN NEW RESINIOUS MATRIX TERRAZZO FLOOR TO MATCH ADJACENT FLOOR. PROVIDE PHYSICAL SAMPLE TO VERIFY COLOR IN FIELD. COLOR MAY VARY.
17	12 35 53 - TYPICAL SCIENCE CLASSROOM STORAGE. REFER TO ELEVATION 2D/I-215.3 FOR CLARIFICATION PROVIDE OPPOSITE HAND WHERE REQUIRED.
18	REFERENCE 2B/I-210.3 & 2C/I-210.3 FOR TYPICAL SCIENCE DEMONSTRATION ISLAND CASEWORK ELEVATIONS.
19	06 40 23 - BUILT-IN BENCH. REFER TO A-SERIES DRAWINGS FOR DETAIL.
20	NEW FLOOR FINISHES IN PHASE 3. ALL OTHER FINISH SCOPE INCLUDED IN PHASE 2.
21	ALTERNATE CLASSROOM FINISHES AND CASEWORK: PROVIDE NEW CASEWORK IN EXISTING LOCATION. SEE ELEVATION 6E/I-211.3 FOR TYPICAL.
22	ALTERNATE CLASSROOM FINISHES AND CASEWORK: PROVIDE NEW FINISHES INCLUDING/BUT NOT LIMITED TO CARPET, PAINT, WALL BASE, AND CASEWORK. REFER TO ALTERNATES DESIGNATED IN SPECIFICATION PROJECT MANUAL.
23	ALTERNATE SCIENCE CLASSROOM FINISHES : PROVIDE NEW FINISHES INCLUDING/BUT NOT LIMITED TO VCT, PAINT, AND WALL BASE. REFER TO ALTERNATES DESIGNATED IN SPECIFICATION PROJECT MANUAL.
24	10 11 00 - PROVIDE FABRIC WRAPPED TACKBOARD TO FILL RECESS ABOVE WALL BASE, IN ITS ENTIRETY. VERIFY DIMENSIONS IN FIELD.
25	12 32 00 - TYPICAL WELLNESS CASEWORK. REFER TO ELEVATION 6E/I-401.3 FOR CLARIFICATION PROVIDE OPPOSITE HAND WHERE REQUIRED.
26	09 30 00 - PROVIDE PORCELAIN FLOOR TILE W/ METAL EDGE TRIM AT ALL EXPOSED EDGES. TO BE PFT-1.
27	ALIGN ACCENT FLOOR PATTERN WITH BULKHEAD ABOVE. CPT-4
28	APPLIED WALL FINISH IS EXISTING TO REMAIN. PROTECT SURFACE(S) THROUGH RENOVATION & CONTRSTRUCTION.
29	15"D ADJUSTABLE SHELVES W/ KV BRACKETS. SEE DETAIL 2B/I-301.3 FOR ADDITIONAL INFORMATION.
30	EXISTING RELOCATED METAL STUDENT ART LOCKERS.
31	12 00 80.99 - PROVIDE UTILITY SHELVING REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATON.
32	10 21 33 - PROVIDE CUBICLE CURTAIN AND TRACK.
33	CONTINUE CARPET TILE ON RAISED PLATFORM. PROVIDE RUBBER NOSING ON EXPOSED EDGES.
34	EXISTING NON-GYPSUM BOARD WALLS TO BE PAINTED. REFER TO ELEVATIONS REFERENCED FOR PAINT COLOR LOCATIONS, TYPICAL.
35	OWNER PROVIDED EQUIPMENT, N.I.C.
36	09 30 00 - PATCH AND REPAIR AREAS OF BROKEN MOSAIC FLOOR TILE. MATCH EXISTING TILE AND GROUT. VERIFY CONDITIONS AND LOCATIONS IN FIELD.
37	12 32 00 - PROVIDE PLASTIC LAMINATE COUNTERTOP W/ WIRE MANAGEMENT LINEAR CHANNEL W/ BRUSH. SIZE 2 BY 60 INCHES. BASIS OF DESIGN: MOCKETT-BREXT MODEL BRKIT, MATTE BLACK. (QTY:4). MOUNT AT 30"AFF W/ RAKKS EH-1824 SUPPORT BRACKETS SPACED MAX 42 INCHES APART. SEE DETAIL 5A/A-327.3
38	NOT USED.
39	09 68 16 - PROVIDE NEW BROADLOOM CARPET ALONG AISLE. PATTERN DIRECTION TO RUN NORTH & SOUTH, LENGTH OF ROLL, TO BE (CPB-1). REFER TO E-SERIES DRAWINGS FOR ILLUMINATED EDGE TRIM FOR LIGHTED AISLE.
40	PROVIDE RUBBER STAIR TREAD & RISER, RAISED DISK, TO BE SELECTED BY ARCHITECT FROM MFR FULL COLOR RANGE.

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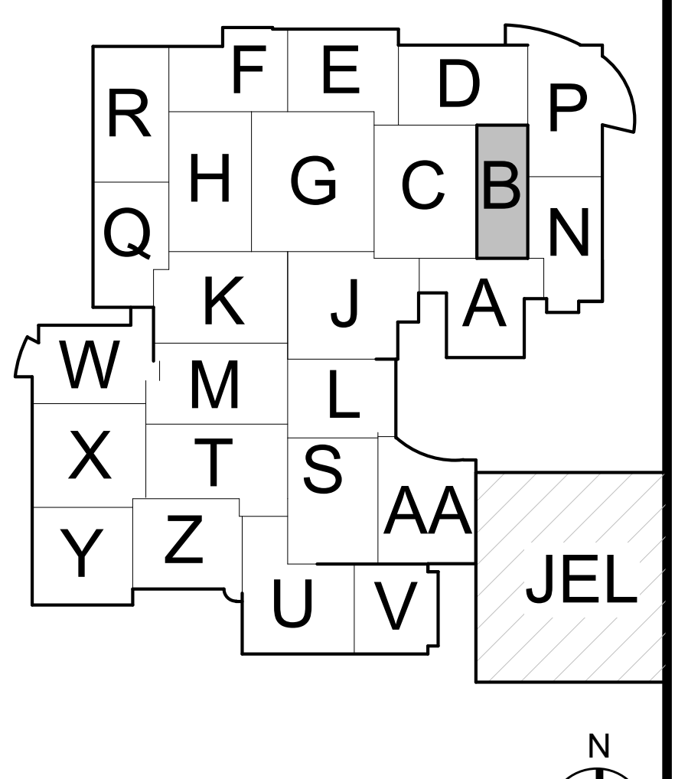


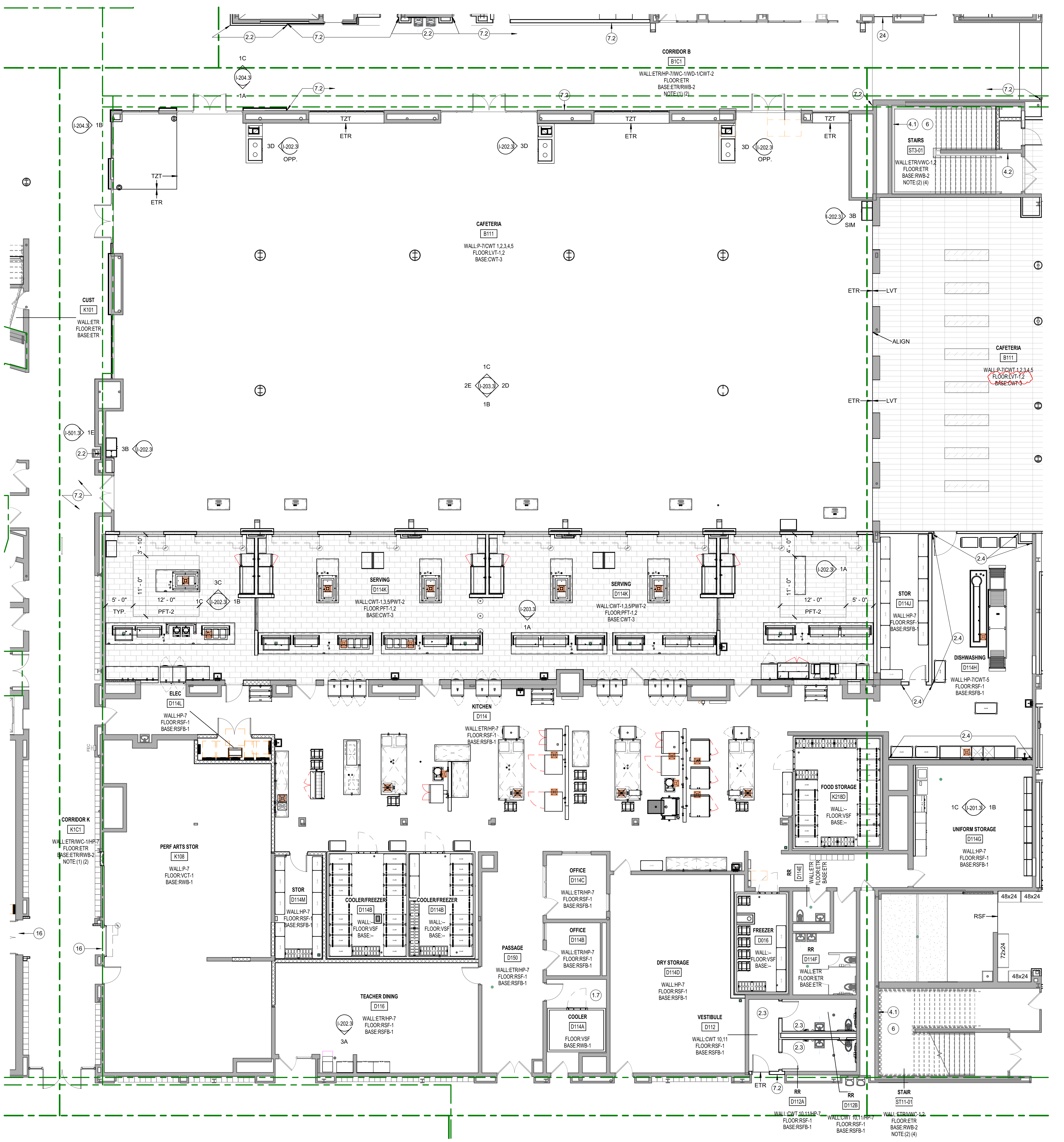
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR INTERIOR FINISH PLAN - UNIT B

IN1B1.3



2A FIRST FLOOR INTERIOR FINISH PLAN - UNIT C

1/8" = 1'-0"

INTERIOR GENERAL NOTES

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   - Walls are to be prepped removing any existing wallcovering & residue, holes patched, and surface smoothed prior to new paint or wallcovering being installed.
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3. Reference architectural ceilings plans for ceiling heights and bulkhead color designations. Paint all bulkheads P-10 unless specifically noted otherwise. Bulkheads that are flush with walls provide color to match adjacent wall color.

4. Paint interior hollow metal door frames HP-2.
   - Where existing conditions remain, split face finish, painting only side impacted by renovation.

5. Paint general walls HP-7 or P-7 (Neutral) unless specifically noted otherwise.
   - Athletics - Gymnasiums/Locker Rooms walls to be painted HP-1or P-1, unless specifically noted otherwise.

6. Paint all exposed conduit, piping, and associated assemblies to match adjacent paint finish. Applies to all new & existing to remain in areas of renovation.

7. Visual Display Markerboards & Tackboards- All existing to remain unless room(s) indicate new visual display to be installed or otherwise noted.

8. Corridor Walls
   - All Structural Glazed Block Walls and Cove Base are existing to remain unless noted otherwise on A-series dwgs.
   - Walls not Structural Glazing shall receive impact wallcovering wainscot. This includes any portion of wall below wainscot height not specifically called out.

9. ROOM FINISH TAG NOTES
   (1) Existing glazed block walls to remain. Walls above to be patched and repaired to make ready to receive new finish.
   (2) Existing terrazzo floors to remain.
   (3) 09 30 00 - Where existing mosaic & porcelain floor tile is to remain, clean & seal grout.
   (4) Stairs - Existing mosaic wall tile to remain.

10. ROOM FINISH TAG ABBREVIATIONS

P - paint	VCT - vinyl tile	TZ - epoxy terrazzo
HP - high performance paint	LVT - luxury vinyl tile	RWB - rubber wall base
CWT - ceramic wall tile	PWT - porcelain wall tile	PFT - porcelain floor tile
VWC - type II wallcovering	MFT - mosaic floor tile	CPT carpet tile
IWC - type III wallcovering	MWT - mosaic wall tile	CPB - broadloom carpet
RSF - resinous flooring	WOC - walk-off carpet	VSF - vinyl sheet flooring
SGC - structural glazed cove	CFC - concrete floor coating	

INTERIOR FLOOR PLAN NOTES PH3

#	NOTE
1	NO NEW FINISHES. EXISTING TO REMAIN.
1.1	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL/COLUMN, INSIDE CORNER TO INSIDE CORNER TO BE P-1/HP-1.
1.2	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL, INSIDE CORNER TO INSIDE CORNER TO BE P-2/HP-2.
1.3	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL, INSIDE CORNER TO INSIDE CORNER TO BE P-3/HP-3.
1.4	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL/COLUMN, INSIDE CORNER TO INSIDE CORNER TO BE P-4.
1.5	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL/COLUMN, INSIDE CORNER TO INSIDE CORNER TO BE P-5.
1.7	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL/COLUMN, INSIDE CORNER TO INSIDE CORNER TO BE P-7/HP-7.
1.8	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL/COLUMN, INSIDE CORNER TO INSIDE CORNER TO BE P-8.
2.2	09 30 00 - WALL TO RECEIVE CERAMIC WALL TILE, REFERENCE 1E/I-501.3 FOR TYPICAL ELEVATION.
2.3	09 30 00 - ALL WALLS TO RECEIVE CERAMIC WALL TILE TO BE CWT-10,11. REFERENCE SHEET 221.3 FOR RESTROOM ELEVATIONS.
2.4	09 30 00 - ALL WALLS TO RECEIVE CERAMIC WALL TILE TO BE CWT-5. BRICK INSTALL.
2.5	09 30 00 - WALL BELOW CONCRETE BENCH TO RECEIVE CERAMIC WALL TILE, TO BE CWT-11.
3.1	12 24 13 - PROVIDE MANUAL ROLLER WINDOW SHADES. VERIFY DIMENSIONS IN FIELD PRIOR TO ORDERING AND INSTALL.
3.2	12 24 13 - PROVIDE MOTORIZED ROLLER WINDOW SHADES. VERIFY DIMENSIONS IN FIELD PRIOR TO ORDERING AND INSTALL.
4.1	09 70 00 - FULL EXTENT OF WALL TO RECEIVE NEW CUSTOM VINYL WALLCOVERING (VWC-1).
4.2	09 70 00 - FULL EXTENT OF WALL TO RECEIVE NEW VINYL WALLCOVERING (VWC-2).
4.3	09 70 00 - FULL EXTENT OF WALL TO RECEIVE NEW VINYL WALLCOVERING (VWC-3).
5	12 36 61.16 - PROVIDE SOLID SURFACE WINDOW STOOL TI BE (SS-1)
6	EXISTING TERRAZZO STAIR TREADS, RISERS, & MOSIC WALL TILE ARE EXISTING TO REMAIN. NEW RESILIENT WALL BASE TO BE INSTALLED OVER MOSAIC WALL BASE.
6.1	09 66 23 - STAIR TREADS TO BE TERRAZZO
7.1	10 26 00 - PROVIDE SURFACE MOUNTED CORNER GUARDS, (CG-1). REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
7.2	10 26 00 - PROVIDE IMPACT WALLCOVERING WAINSCOTT ALONG FULL EXTENT OF WALL UNLESS LEADERS INDICATED OTHERWISE. TO BE (IWC-1). PROVIDE EDGE TRIM ACCESSORIES AS REQUIRED BY MFR. PROVIDE NEW RUBBER WALL BASE, RWB-2 ALONG EXTENTS.
8	EXISTING DISPLAY CASES. NO NEW WORK.
8.1	10 11 00 - VISUAL DISPLAY SURFACES. CUSTOM DISPLAY CASES TO RECEIVE FABRIC WRAPPED TACKBOARD TO BE (UPH-X). REFER TO A-SERIES DRAWINGS.
9	EXISTING TERRAZZO FLOOR TO REMAIN. CLEAN AND BUFF PROTECTED FLOORS.
10	CONCRETE BENCHES TO BE SEALED, (CFC-1).
11	12 32 00 - TYPICAL CLASSROOM STORAGE. REFER TO ELEVATION 6C/I-207.3 FOR CLARIFICATION PROVIDE OPPOSITE HAND WHERE REQUIRED.
12	12 32 00 - TYPICAL RESOURCE STORAGE. REFER TO ELEVATION 3B/I-205.3 FOR CLARIFICATION PROVIDE OPPOSITE HAND WHERE REQUIRED.
13	REFERENCE SHEET I-501 FOR FLOOR PATTERNS.
14	06 40 23 - SEATED RISERS TO BE PORCELAIN TILE ON TOP AND FRONT FACE. INSTALL 1/3 RUNNING BOND LENGTHWISE. PROVIDE METAL STAIR NOSING. SEE A-SERIES DRAWINGS FOR SECTION.
15	REFERENCE 2A/I-404.3 FOR TYPICAL SCIENCE ISLAND CASEWORK ELEVATIONS.
16	09 66 23 - PATCH -IN NEW RESINIOUS MATRIX TERRAZZO FLOOR TO MATCH ADJACENT FLOOR. PROVIDE PHYSICAL SAMPLE TO VERIFY COLOR IN FIELD. COLOR MAY VARY.
17	12 35 53 - TYPICAL SCIENCE CLASSROOM STORAGE. REFER TO ELEVATION 2D/I-215.3 FOR CLARIFICATION PROVIDE OPPOSITE HAND WHERE REQUIRED.
18	REFERENCE 2B/I-210.3 & 2C/I-210.3 FOR TYPICAL SCIENCE DEMONSTRATION ISLAND CASEWORK ELEVATIONS.
19	06 40 23 - BUILT-IN BENCH. REFER TO A-SERIES DRAWINGS FOR DETAIL.
20	NEW FLOOR FINISHES IN PHASE 3. ALL OTHER FINISH SCOPE INCLUDED IN PHASE 2.
21	ALTERNATE CLASSROOM FINISHES AND CASEWORK: PROVIDE NEW CASEWORK IN EXISTING LOCATION. SEE ELEVATION 6E/I-211.3 FOR TYPICAL.
22	ALTERNATE CLASSROOM FINISHES AND CASEWORK: PROVIDE NEW FINISHES INCLUDING/BUT NOT LIMITED TO CARPET, PAINT, WALL BASE, AND CASEWORK. REFER TO ALTERNATES DESIGNATED IN SPECIFICATION PROJECT MANUAL.
23	ALTERNATE SCIENCE CLASSROOM FINISHES : PROVIDE NEW FINISHES INCLUDING/BUT NOT LIMITED TO VCT, PAINT, AND WALL BASE. REFER TO ALTERNATES DESIGNATED IN SPECIFICATION PROJECT MANUAL.
24	10 11 00 - PROVIDE FABRIC WRAPPED TACKBOARD TO FILL RECESS ABOVE WALL BASE, IN ITS ENTIRETY. VERIFY DIMENSIONS IN FIELD.
25	12 32 00 - TYPICAL WELLNESS CASEWORK. REFER TO ELEVATION 6E/I-401.3 FOR CLARIFICATION PROVIDE OPPOSITE HAND WHERE REQUIRED.
26	09 30 00 - PROVIDE PORCELAIN FLOOR TILE W/ METAL EDGE TRIM AT ALL EXPOSED EDGES. TO BE PFT-1.
27	ALIGN ACCENT FLOOR PATTERN WITH BULKHEAD ABOVE. CPT-4
28	APPLIED WALL FINISH IS EXISTING TO REMAIN. PROTECT SURFACE(S) THROUGH RENOVATION & CONTRSTRUCTION.
29	15"D ADJUSTABLE SHELVES W/ KV BRACKETS. SEE DETAIL 2B/I-301.3 FOR ADDITIONAL INFORMATION.
30	EXISTING RELOCATED METAL STUDENT ART LOCKERS.
31	12 00 80.99 - PROVIDE UTILITY SHELVING REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATON.
32	10 21 33 - PROVIDE CUBICLE CURTAIN AND TRACK.
33	CONTINUE CARPET TILE ON RAISED PLATFORM. PROVIDE RUBBER NOSING ON EXPOSED EDGES.
34	EXISTING NON-GYPSUM BOARD WALLS TO BE PAINTED. REFER TO ELEVATIONS REFERENCED FOR PAINT COLOR LOCATIONS, TYPICAL.
35	OWNER PROVIDED EQUIPMENT, N.I.C.
36	09 30 00 - PATCH AND REPAIR AREAS OF BROKEN MOSAIC FLOOR TILE. MATCH EXISTING TILE AND GROUT. VERIFY CONDITIONS AND LOCATIONS IN FIELD.
37	12 32 00 - PROVIDE PLASTIC LAMINATE COUNTERTOP W/ WIRE MANAGEMENT LINEAR CHANNEL W/ BRUSH. SIZE 2 BY 60 INCHES. BASIS OF DESIGN: MOCKETT-BREXT MODEL BRKIT, MATTE BLACK. (QTY:4). MOUNT AT 30"AFF W/ RAKKS EH-1824 SUPPORT BRACKETS SPACED MAX 42 INCHES APART. SEE DETAIL 5A/A-327.3
38	NOT USED.
39	09 68 16 - PROVIDE NEW BROADLOOM CARPET ALONG AISLE. PATTERN DIRECTION TO RUN NORTH & SOUTH, LENGTH OF ROLL, TO BE (CPB-1). REFER TO E-SERIES DRAWINGS FOR ILLUMINATED EDGE TRIM FOR LIGHTED AISLE.
40	PROVIDE RUBBER STAIR TREAD & RISER, RAISED DISK, TO BE SELECTED BY ARCHITECT FROM MFR FULL COLOR RANGE.

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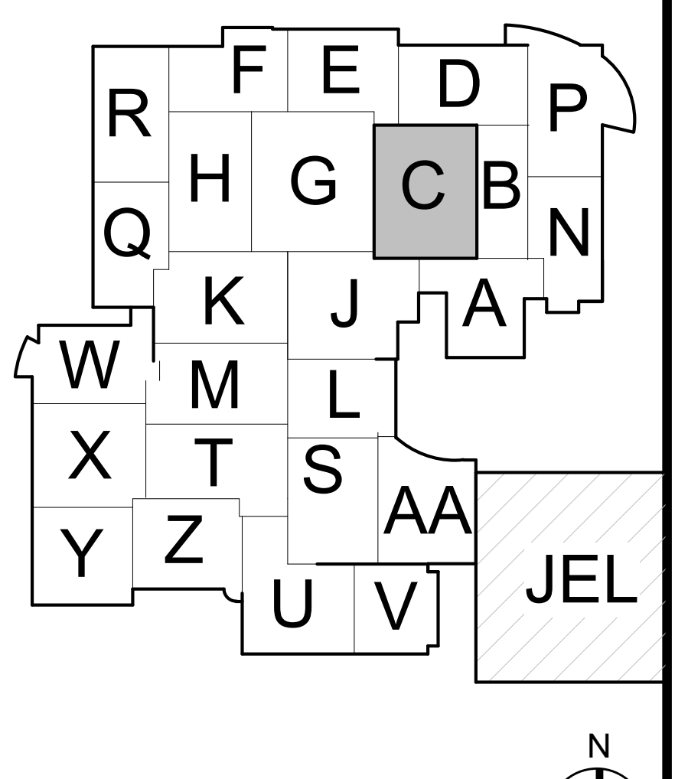
Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced LGK

SARAH KATHLEEN HEMPSTEAD
NO. AR10400134

Sarah K Hempstead

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

1801 East 86th Street
Indianapolis, IN 46240



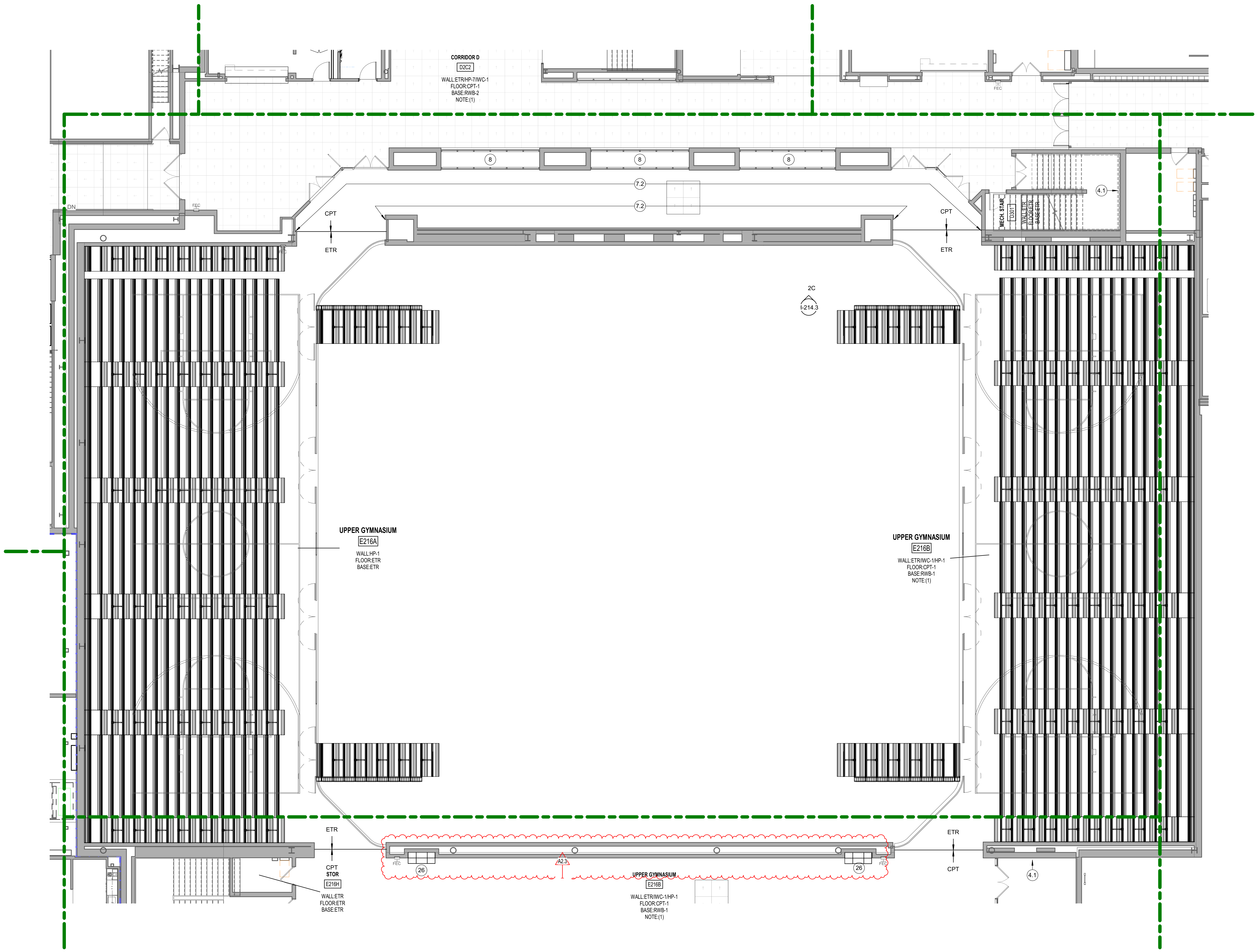
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR INTERIOR
FINISH PLAN - UNIT C

IN1C1.3



2A SECOND FLOOR - INTERIOR FINISH PLAN - UNIT K

1/8" = 1'-0"

INTERIOR GENERAL NOTES

REFERENCE A-001 FOR GENERAL PLAN NOTES. ALL NOTES MAY NOT APPLY TO THIS SHEET.

1. FINISHES PRIOR TO START & FINAL COMPLETION OF WORK
   - Where existing finishes are to remain outside scope of work, patch & repair any area damaged or effected by renovation, to return to like new condition, matching adjacent finishes. This includes, but is not limited to doors & associated hardware, door frames, wall finishes, wall base, floor finish including floor transitions & thresholds, etc. It is the responsibility of the contractor to verify conditions in field prior to start & completion of work.
2. Interior Painting/Wallcovering
   - Existing wall conditions that were not specifically noted to be patched and repaired, but are designated to receive new finishes, are to be repaired prior to new finishes being applied. It is the Contractors responsibility to confirm conditions in field prior to start of work.
   - Walls are to be prepped removing any existing wallcovering & residue, holes patched, and surface smoothed prior to new paint or wallcovering being installed.
   - Vinyl Wall Base over gyp. - Prior to removal of existing vinyl wall base, score wall above top of base to minimize damage to drywall.
3. Reference architectural ceilings plans for ceiling heights and bulkhead color designations. Paint all bulkheads P-10 unless specifically noted otherwise. Bulkheads that are flush with walls provide color to match adjacent wall color.
4. Paint interior hollow metal door frames HP-2.
   - Where existing conditions remain, split face finish, painting only side impacted by renovation.
5. Paint general walls HP-7 or P-7 (Neutral) unless specifically noted otherwise.
   - Athletics - Gymnasiums/Locker Rooms walls to be painted HP-1or P-1, unless specifically noted otherwise.
6.
7. Paint all exposed conduit, piping, and associated assemblies to match adjacent paint finish. Applies to all new & existing to remain in areas of renovation.
8. Corridor Walls
   - All Structural Glazed Block Walls and Cove Base are existing to remain unless noted otherwise on A-series dwgs.
   - Walls not Structural Glazing shall receive impact wallcovering wainscott. This includes any portion of wall below wainscott height not specifically called out.
9. ROOM FINISH TAG NOTES
   (1) Existing glazed block walls to remain. Walls above to be patched and repaired to make ready to receive new finish.
   (2) Existing terrazzo floors to remain.
   (3) 09 30 00 - Where existing mosaic & porcelain floor tile is to remain, clean & seal grout.
   (4) Stairs - Existing mosaic wall tile to remain.

ROOM FINISH TAG ABBREVIATIONS

P - paint	VCT - vinyl tile	TZ - epoxy terrazzo
HP - high performance paint	LVT - luxury vinyl tile	RWB - rubber wall base
CWT - ceramic wall tile	PWT - porcelain wall tile	PFT - porcelain floot tile
VWC - type II wallcovering	MFT - mosaic floor tile	CPT carpet tile
IWC - type III wallcovering	MWT - mosaic wall tile	CPB - broadloom carpet
RSF - resinous flooring	WOC - walk-off carpet	VSF - vinyl sheet flooring
SGC - structural glazed cove	CFC - concrete floor coating	

Interior Plan Notes PH3

#	Note
1	PHASE ONE WORK. NO SCOPE.
1.1	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL/COLUMN, INSIDE CORNER TO INSIDE CORNER TO BE P-1/HP-1.
1.2	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL, INSIDE CORNER TO INSIDE CORNER TO BE P-2/HP-2.
1.3	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL, INSIDE CORNER TO INSIDE CORNER TO BE P-3/HP-3.
1.4	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL/COLUMN, INSIDE CORNER TO INSIDE CORNER TO BE P-4.
1.5	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL/COLUMN, INSIDE CORNER TO INSIDE CORNER TO BE P-5.
1.6	09 91 23.99 - EXPOSED STRUCTURE AND ASSOCIATED ASSEMBLIES TO BE PAINTED P-6.
1.7	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL/COLUMN, INSIDE CORNER TO INSIDE CORNER TO BE P-7/HP-7.
1.8	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL/COLUMN, INSIDE CORNER TO INSIDE CORNER TO BE P-8.
2.2	09 30 00 - WALL TO RECEIVE CERAMIC WALL TILE, REFERENCE 1E/I-501.3 FOR TYPICAL ELEVATION.
2.3	09 30 00 - ALL WALLS TO RECEIVE CERAMIC WALL TILE TO BE CWT-10,11. REFERENCE SHEET 221.3 FOR RESTROOM ELEVATIONS.
2.4	09 30 00 - ALL WALLS TO RECEIVE CERAMIC WALL TILE TO BE CWT-5. BRICK INSTALL.
2.5	09 30 00 - WALL BELOW CONCRETE BENCH TO RECEIVE CERAMIC WALL TILE, TO BE CWT-11.
3.1	12 24 13 - PROVIDE MANUAL ROLLER WINDOW SHADES. VERIFY DIMENSIONS IN FIELD PRIOR TO ORDERING AND INSTALL.
3.2	12 24 13 - PROVIDE MOTORIZED ROLLER WINDOW SHADES. VERIFY DIMENSIONS IN FIELD PRIOR TO ORDERING AND INSTALL.
4.1	FULL EXTENT OF WALL TO RECEIVE NEW VINYL WALLCOVERING (VWC-1).
4.2	FULL EXTENT OF WALL TO RECEIVE NEW VINYL WALLCOVERING (VWC-2).
4.3	FULL EXTENT OF WALL TO RECEIVE NEW VINYL WALLCOVERING (VWC-3).
5	12 36 61.16 - PROVIDE SOLID SURFACE WINDOW STOOL TI BE (SS-1)
6	EXISTING TERRAZZO STAIR TREADS, RISERS, & MOSIC WALL TILE ARE EXISTING TO REMAIN. NEW VINYL WALL BASE TO BE INSTALLED OVER MOSAIC WALL BASE.
6.1	STAIR TREADS TO BE TERRAZZO
7.1	10 26 00 - PROVIDE SURFACE MOUNTED CORNER GUARDS, (CG-1). REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
7.2	10 26 00 - PROVIDE IMPACT WALLCOVERING WAINSCOTT ALONG FULL EXTENT OF WALL UNLESS LEADERS INDICATED OTHERWISE. TO BE (IWC-1). PROVIDE EDGE TRIM ACCESSORIES AS REQUIRED BY MFR. PROVIDE NEW RUBBER WALL BASE, RWB-2 ALONG EXTENTS.
8	EXISTING DISPLAY CASES. NO NEW WORK.
8.1	10 11 00 - VISUAL DISPLAY SURFACES. CUSTOM DISPLAY CASES TO RECEIVE FABRIC WRAPPED TACKBOARD TO BE (UPH-X). REFER TO A-SERIES DRAWINGS.
9	EXISTING TERRAZZO FLOOR TO REMAIN. CLEAN AND BUFF PROTECTED FLOORS.
10	CONCRETE BENCHES TO BE SEALED, (CFC-1).
11	12 32 00 - TYPICAL CLASSROOM STORAGE. REFER TO ELEVATION 3B/I-205.3 FOR CLARIFICATION PROVIDE OPPOSITE HAND WHERE REQUIRED.
12	12 32 00 - TYPICAL RESOURCE STORAGE. REFER TO ELEVATION 5A/I-205.3 FOR CLARIFICATION PROVIDE OPPOSITE HAND WHERE REQUIRED.
13	EXISTING CASEWORK TO REMAIN.
14	06 40 23 - SEATED RISERS TO BE WOOD ON TOP AND FRONT FACE.
15	REFERENCE 2A/I-405.3 FOR TYPICAL SCIENCE ISLAND CASEWORK ELEVATIONS.
16	09 66 23 - PATCH -IN NEW RESINIOUS MATRIX TERRAZZO FLOOR TO MATCH ADJACENT FLOOR. PROVIDE PHYSICAL SAMPLE TO VERIFY COLOR IN FIELD. COLOR MAY VARY.
17	12 35 53 - TYPICAL SCIENCE CLASSROOM STORAGE. REFER TO ELEVATION 1A/I-210.3 FOR CLARIFICATION PROVIDE OPPOSITE HAND WHERE REQUIRED.
18	REFERENCE 2B/I-210.3 & 2C/I-210.3 FOR TYPICAL SCIENCE DEMONSTRATION ISLAND CASEWORK ELEVATIONS.
19	06 40 23 - BUILT-IN BENCH TO BE WOOD ON TOP AND FRONT FACE.
20	NEW FLOOR FINISHES IN PHASE 3. ALL OTHER FINISH SCOPE INCLUDED IN PHASE 2.
21	ALTERNATE CLASSROOM FINISHES AND CASEWORK: PROVIDE NEW CASEWORK IN EXISTING LOCATION. SEE ELEVATION 6E/I-211.3 FOR TYPICAL.
22	ALTERNATE: PROVIDE NEW FINISHES INCLUDING/BUT NOT LIMITED TO CARPET, PAINT, AND WALL BASE. REFER TO ALTERNATES DESIGNATED IN SPECIFICATION PROJECT MANUAL.
23	ALIGN CPT-4 WITH BULKHEAD ABOVE.
24	10 11 00 - PROVIDE FABRIC WRAPPED TACKBOARD TO FILL RECESS ABOVE WALL BASE, IN ITS ENTIRETY. VERIFY DIMENSIONS IN FIELD.
25	12 32 00 - TYPICAL WELLNESS CASEWORK. REFER TO ELEVATION 6E/I-401.3 FOR CLARIFICATION PROVIDE OPPOSITE HAND WHERE REQUIRED.
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28	APPLIED WALL FINISH IS EXISTING TO REMAIN. PROTECT SURFACE(S) THROUGH RENOVATION & CONTRSTRUCTION.
29	15"D ADJUSTABLE SHELVES W/ KV BRACKETS. SEE DETAIL 2B/I-301.3 FOR ADDITIONAL INFORMATION.
30	EXISTING RELOCATED METAL STUDENT ART LOCKERS.
31	12 00 80.99 - PROVIDE UTILITY SHELVING REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATON.
32	10 21 33 - PROVIDE CUBICLE CURTAIN AND TRACK.
33	CONTINUE CARPET TILE ON RAISED PLATFORM. PROVIDE RUBBER NOSING ON EXPOSED EDGES.
34	EXISTING NON-GYPSUM BOARD WALLS TO BE PAINTED. REFER TO ELEVATIONS REFERENCED FOR PAINT COLOR LOCATIONS, TYPICAL.
35	OWNER PROVIDED EQUIPMENT, N.I.C.
36	09 30 00 - PATCH AND REPAIR AREAS OF BROKEN MOSAIC FLOOR TILE. MATCH EXISTING TILE AND GROUT. VERIFY CONDITIONS AND LOCATIONS IN FIELD.
37	12 32 00 - PROVIDE PLASTIC LAMINATE COUNTERTOP W/ WIRE MANAGEMENT LINEAR CHANNEL W/ BRUSH. SIZE 2 BY 60 INCHES. BASIS OF DESIGN: MOCKETT-BREXT MODEL BRKIT, MATTE BLACK. (QTY:4). MOUNT AT 30"AFF W/ RAKKS EH-1824 SUPPORT BRACKETS SPACED MAX 42 INCHES APART. SEE DETAIL 5A/A-327.3
38	NOT USED
39	09 68 16 - PROVIDE NEW BROADLOOM CARPET ALONG AISLE. PATTERN DIRECTION TO RUN NORTH & SOUTH, LENGTH OF ROLL, TO BE (CPB-1). REFER TO E-SERIES DRAWINGS FOR ILLUMINATED EDGE TRIM FOR LIGHTED AISLE.
40	PROVIDE RUBBER STAIR TREAD & RISER, RAISED DISK, TO BE SELECTED BY ARCHITECT FROM MFR FULL COLOR RANGE.
41	BASE BID: CONSTRUCT STAGE ACCESS AND STAIR AS SHOWN, MODIFY EXISTING AUDIENCE SEATING AS REQUIRED FOR NEW CONSTRUCTION. PATCH & REPAIR AREA OF WALL AFFECTED BY CONSTRUCTION. REF A-400 SERIES DWGS.

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www.schmidt-arch.com

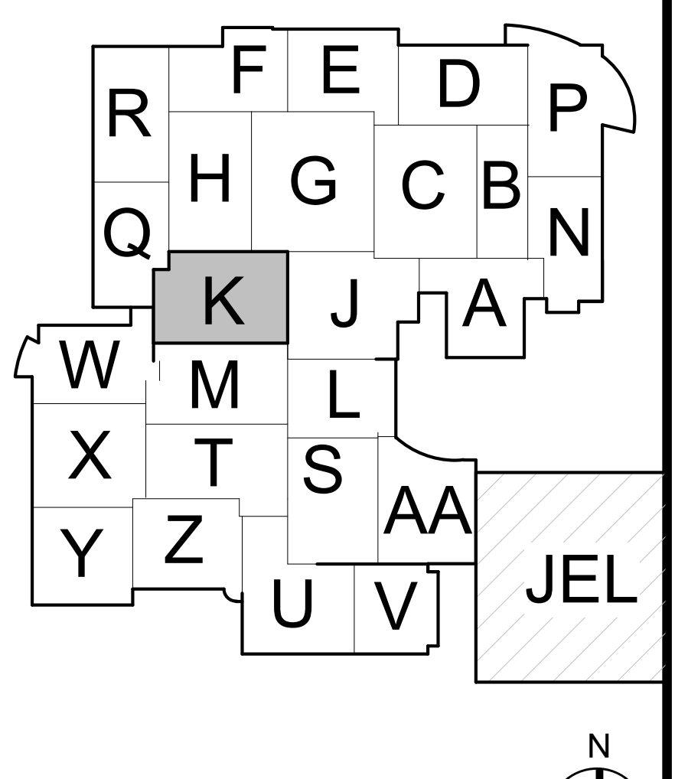
Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced LGK

SARAH KATHLEEN HEMPSTEAD
NO. AR10400134

Sarah K Hempstead

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

1801 East 86th Street
Indianapolis, IN 46240



KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR
INTERIOR FINISH PLAN -
UNIT K

IN1K2.3

IN1K2.3_ SECOND FLOOR INTERIOR FINISH PLAN - UNIT K
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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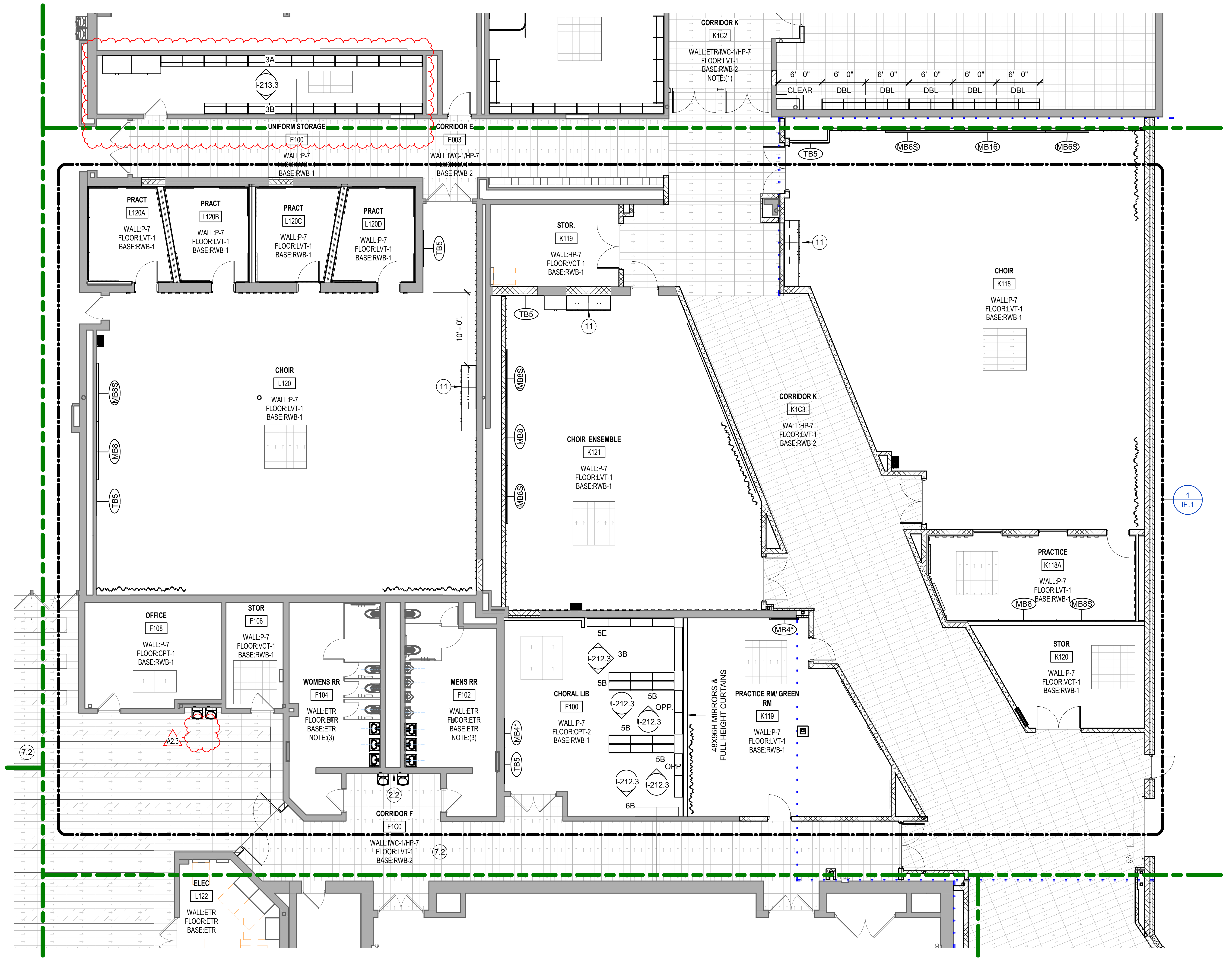

2A FIRST FLOOR - INTERIOR FINISH PLAN - UNIT L

1/8" = 1'-0"

INTERIOR GENERAL NOTES

REFERENCE A-001 FOR GENERAL PLAN NOTES. ALL NOTES MAY NOT APPLY TO THIS SHEET.

1. FINISHES PRIOR TO START & FINAL COMPLETION OF WORK
   - Where existing finishes are to remain outside scope of work, patch & repair any area damaged or effected by renovation, to return to like new condition, matching adjacent finishes. This includes, but is not limited to doors & associated hardware, door frames, wall finishes, wall base, floor finish including floor transitions & thresholds, etc. It is the responsibility of the contractor to verify conditions in field prior to start & completion of work.
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   - Vinyl Wall Base over gyp. - Prior to removal of existing vinyl wall base, score wall above top of base to minimize damage to drywall.
3. Reference architectural ceilings plans for ceiling heights and bulkhead color designations. Paint all bulkheads P-10 unless specifically noted otherwise. Bulkheads that are flush with walls provide color to match adjacent wall color.
4. Paint interior hollow metal door frames HP-2.
   - Where existing conditions remain, split face finish, painting only side impacted by renovation.
5. Paint general walls HP-7 or P-7 (Neutral) unless specifically noted otherwise.
   - Athletics - Gymnasiums/Locker Rooms walls to be painted HP-1or P-1, unless specifically noted otherwise.
6. Paint all exposed conduit, piping, and associated assemblies to match adjacent paint finish. Applies to all new & existing to remain in areas of renovation.
7. Corridor Walls
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9. ROOM FINISH TAG ABBREVIATIONS
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   CWT - ceramic wall tile
   VWC - type II wallcovering
   IWC - type III wallcovering
   RSF - resinous flooring
   SGC - structural glazed cove
   VCT - vinyl tile
   LVT - luxury vinyl tile
   PWT - porcelain wall tile
   MFT - mosaic floor tile
   MWT - mosaic wall tile
   WOC - walk-off carpet
   CFC - concrete floor coating
   TZ - epoxy terrazzo
   RWB - rubber wall base
   PFT - porcelain floot tile
   CPT carpet tile
   CPB - broadloom carpet
   VSF - vinyl sheet flooring

Interior Plan Notes PH3

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4.1	FULL EXTENT OF WALL TO RECEIVE NEW VINYL WALLCOVERING (VWC-1).
4.2	FULL EXTENT OF WALL TO RECEIVE NEW VINYL WALLCOVERING (VWC-2).
4.3	FULL EXTENT OF WALL TO RECEIVE NEW VINYL WALLCOVERING (VWC-3).
5	12 36 61.16 - PROVIDE SOLID SURFACE WINDOW STOOL TI BE (SS-1)
6	EXISTING TERRAZZO STAIR TREADS, RISERS, & MOSIC WALL TILE ARE EXISTING TO REMAIN. NEW VINYL WALL BASE TO BE INSTALLED OVER MOSAIC WALL BASE.
6.1	STAIR TREADS TO BE TERRAZZO
7.1	10 26 00 - PROVIDE SURFACE MOUNTED CORNER GUARDS, (CG-1). REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
7.2	10 26 00 - PROVIDE IMPACT WALLCOVERING WAINSCOTT ALONG FULL EXTENT OF WALL UNLESS LEADERS INDICATED OTHERWISE. TO BE (IWC-1). PROVIDE EDGE TRIM ACCESSORIES AS REQUIRED BY MFR. PROVIDE NEW RUBBER WALL BASE, RWB-2 ALONG EXTENTS.
8	EXISTING DISPLAY CASES. NO NEW WORK.
8.1	10 11 00 - VISUAL DISPLAY SURFACES. CUSTOM DISPLAY CASES TO RECEIVE FABRIC WRAPPED TACKBOARD TO BE (UPH-X). REFER TO A-SERIES DRAWINGS.
9	EXISTING TERRAZZO FLOOR TO REMAIN. CLEAN AND BUFF PROTECTED FLOORS.
10	CONCRETE BENCHES TO BE SEALED, (CFC-1).
11	12 32 00 - TYPICAL CLASSROOM STORAGE. REFER TO ELEVATION 3B/I-205.3 FOR CLARIFICATION PROVIDE OPPOSITE HAND WHERE REQUIRED.
12	12 32 00 - TYPICAL RESOURCE STORAGE. REFER TO ELEVATION 5A/I-205.3 FOR CLARIFICATION PROVIDE OPPOSITE HAND WHERE REQUIRED.
13	EXISTING CASEWORK TO REMAIN.
14	06 40 23 - SEATED RISERS TO BE WOOD ON TOP AND FRONT FACE.
15	REFERENCE 2A/I-405.3 FOR TYPICAL SCIENCE ISLAND CASEWORK ELEVATIONS.
16	09 66 23 - PATCH -IN NEW RESINIOUS MATRIX TERRAZZO FLOOR TO MATCH ADJACENT FLOOR. PROVIDE PHYSICAL SAMPLE TO VERIFY COLOR IN FIELD. COLOR MAY VARY.
17	12 35 53 - TYPICAL SCIENCE CLASSROOM STORAGE. REFER TO ELEVATION 1A/I-210.3 FOR CLARIFICATION PROVIDE OPPOSITE HAND WHERE REQUIRED.
18	REFERENCE 2B/I-210.3 & 2C/I-210.3 FOR TYPICAL SCIENCE DEMONSTRATION ISLAND CASEWORK ELEVATIONS.
19	06 40 23 - BUILT-IN BENCH TO BE WOOD ON TOP AND FRONT FACE.
20	NEW FLOOR FINISHES IN PHASE 3. ALL OTHER FINISH SCOPE INCLUDED IN PHASE 2.
21	ALTERNATE CLASSROOM FINISHES AND CASEWORK: PROVIDE NEW CASEWORK IN EXISTING LOCATION. SEE ELEVATION 6E/I-211.3 FOR TYPICAL.
22	ALTERNATE: PROVIDE NEW FINISHES INCLUDING/BUT NOT LIMITED TO CARPET, PAINT, AND WALL BASE. REFER TO ALTERNATES DESIGNATED IN SPECIFICATION PROJECT MANUAL.
23	ALIGN CPT-4 WITH BULKHEAD ABOVE.
24	10 11 00 - PROVIDE FABRIC WRAPPED TACKBOARD TO FILL RECESS ABOVE WALL BASE, IN ITS ENTIRETY. VERIFY DIMENSIONS IN FIELD.
25	12 32 00 - TYPICAL WELLNESS CASEWORK. REFER TO ELEVATION 6E/I-401.3 FOR CLARIFICATION PROVIDE OPPOSITE HAND WHERE REQUIRED.
26	09 30 00 - PROVIDE PORCELAIN FLOOR TILE W/ METAL EDGE TRIM AT ALL EXPOSED EDGES. TO BE PFT-1.
27	ALIGN ACCENT FLOOR PATTERN WITH BULKHEAD ABOVE. CPT-4
28	APPLIED WALL FINISH IS EXISTING TO REMAIN. PROTECT SURFACE(S) THROUGH RENOVATION & CONTRSTRUCTION.
29	15"D ADJUSTABLE SHELVES W/ KV BRACKETS. SEE DETAIL 2B/I-301.3 FOR ADDITIONAL INFORMATION.
30	EXISTING RELOCATED METAL STUDENT ART LOCKERS.
31	12 00 80.99 - PROVIDE UTILITY SHELVING REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATON.
32	10 21 33 - PROVIDE CUBICLE CURTAIN AND TRACK.
33	CONTINUE CARPET TILE ON RAISED PLATFORM. PROVIDE RUBBER NOSING ON EXPOSED EDGES.
34	EXISTING NON-GYPSUM BOARD WALLS TO BE PAINTED. REFER TO ELEVATIONS REFERENCED FOR PAINT COLOR LOCATIONS, TYPICAL.
35	OWNER PROVIDED EQUIPMENT, N.I.C.
36	09 30 00 - PATCH AND REPAIR AREAS OF BROKEN MOSAIC FLOOR TILE. MATCH EXISTING TILE AND GROUT. VERIFY CONDITIONS AND LOCATIONS IN FIELD.
37	12 32 00 - PROVIDE PLASTIC LAMINATE COUNTERTOP W/ WIRE MANAGEMENT LINEAR CHANNEL W/ BRUSH. SIZE 2 BY 60 INCHES. BASIS OF DESIGN: MOCKETT-BREXT MODEL BRKIT, MATTE BLACK. (QTY:4). MOUNT AT 30"AFF W/ RAKKS EH-1824 SUPPORT BRACKETS SPACED MAX 42 INCHES APART. SEE DETAIL 5A/A-327.3
38	NOT USED
39	09 68 16 - PROVIDE NEW BROADLOOM CARPET ALONG AISLE. PATTERN DIRECTION TO RUN NORTH & SOUTH, LENGTH OF ROLL, TO BE (CPB-1). REFER TO E-SERIES DRAWINGS FOR ILLUMINATED EDGE TRIM FOR LIGHTED AISLE.
40	PROVIDE RUBBER STAIR TREAD & RISER, RAISED DISK, TO BE SELECTED BY ARCHITECT FROM MFR FULL COLOR RANGE.
41	BASE BID: CONSTRUCT STAGE ACCESS AND STAIR AS SHOWN, MODIFY EXISTING AUDIENCE SEATING AS REQUIRED FOR NEW CONSTRUCTION. PATCH & REPAIR AREA OF WALL AFFECTED BY CONSTRUCTION. REF A-400 SERIES DWGS.

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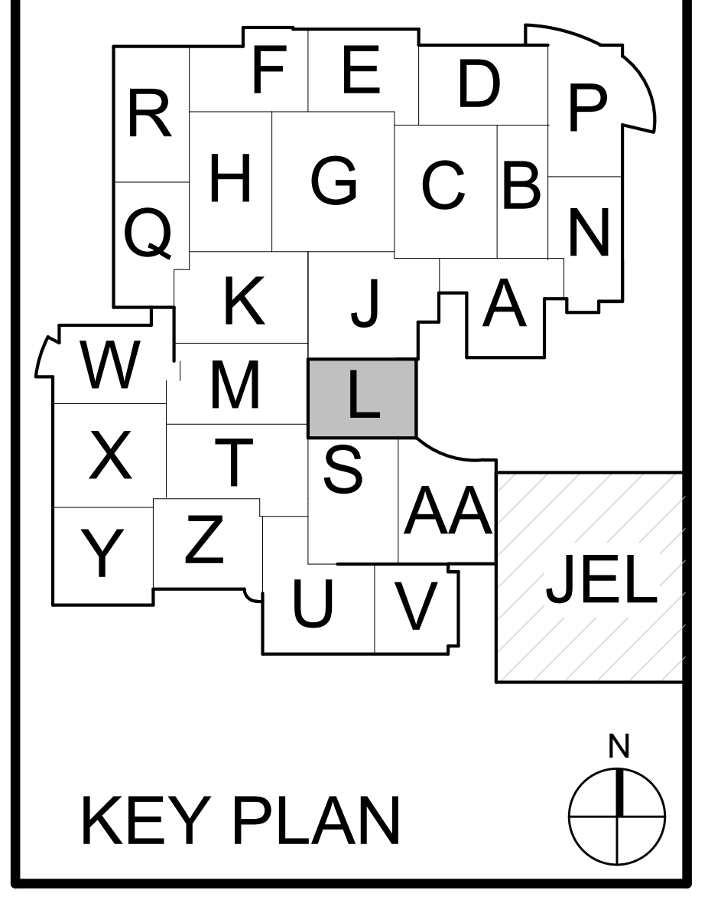
Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced LGK

SARAH KATHLEEN HEMPSTEAD
REGISTERED
NO. AR10400134
STATE OF INDIANA
ARCHITECT

Sarah K Hempstead

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

1801 East 86th Street
Indianapolis, IN 46240



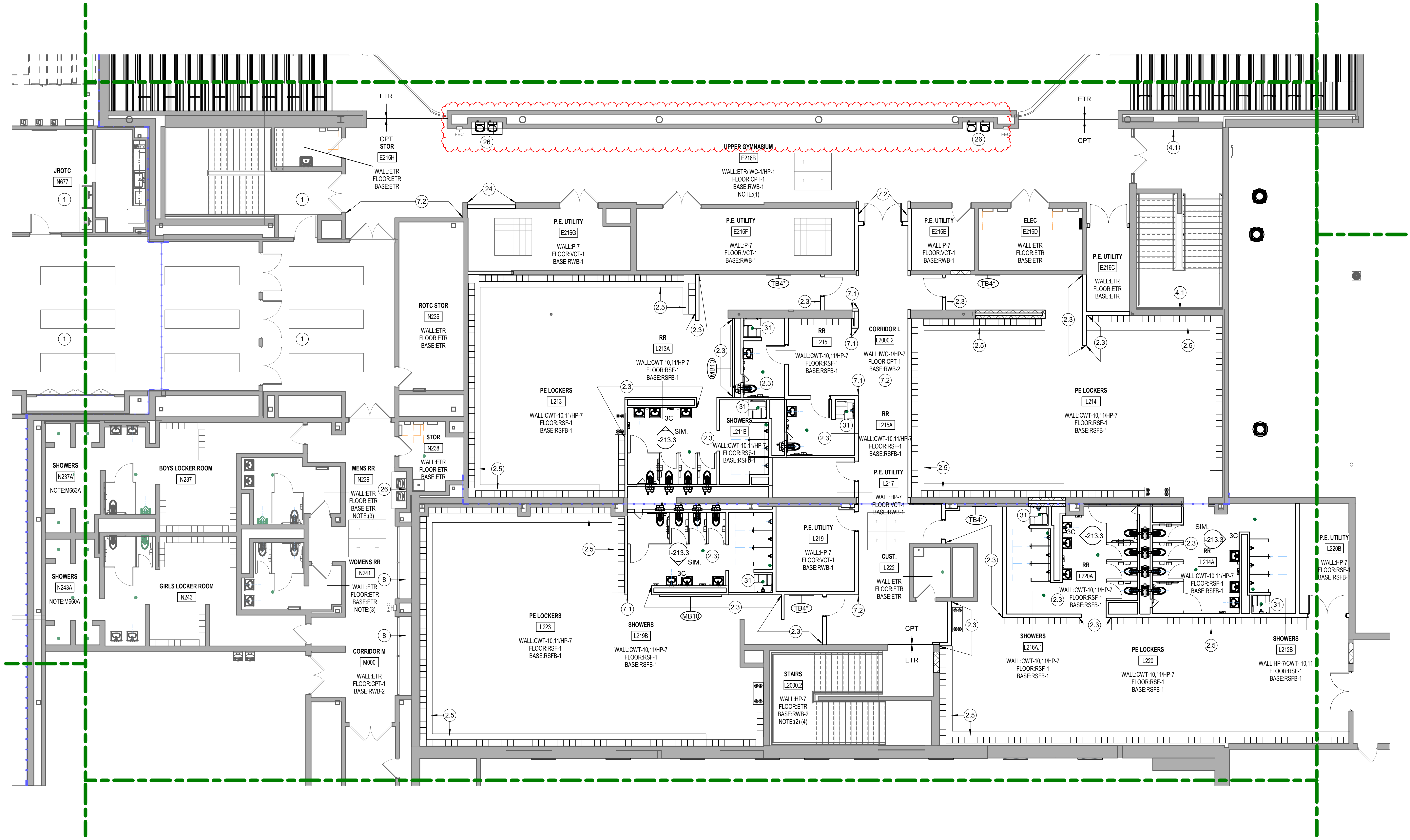
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR INTERIOR FINISH PLAN - UNIT L

IN1L1.3



2A SECOND FLOOR - INTERIOR FINISH PLAN - UNIT M
1/8" = 1'-0"

INTERIOR GENERAL NOTES

REFERENCE A-001 FOR GENERAL PLAN NOTES. ALL NOTES MAY NOT APPLY TO THIS SHEET.

1. FINISHES PRIOR TO START & FINAL COMPLETION OF WORK
   - Where existing finishes are to remain outside scope of work, patch & repair any area damaged or effected by renovation, to return to like new condition, matching adjacent finishes. This includes, but is not limited to doors & associated hardware, door frames, wall finishes, wall base, floor finish including floor transitions & thresholds, etc. It is the responsibility of the contractor to verify conditions in field prior to start & completion of work.
2. Interior Painting/Wallcovering
   - Existing wall conditions that were not specifically noted to be patched and repaired, but are designated to receive new finishes, are to be repaired prior to new finishes being applied. It is the Contractors responsibility to confirm conditions in field prior to start of work.
   - Walls are to be prepped removing any existing wallcovering & residue, holes patched, and surface smoothed prior to new paint or wallcovering being installed.
   - Vinyl Wall Base over gyp. - Prior to removal of existing vinyl wall base, score wall above top of base to minimize damage to drywall.
3. Reference architectural ceilings plans for ceiling heights and bulkhead color designations. Paint all bulkheads P-10 unless specifically noted otherwise. Bulkheads that are flush with walls provide color to match adjacent wall color.
4. Paint interior hollow metal door frames HP-2.
   - Where existing conditions remain, split face finish, painting only side impacted by renovation.
5. Paint general walls HP-7 or P-7 (Neutral) unless specifically noted otherwise.
   - Athletics - Gymnasiums/Locker Rooms walls to be painted HP-1or P-1, unless specifically noted otherwise.
6. Paint all exposed conduit, piping, and associated assemblies to match adjacent paint finish. Applies to all new & existing to remain in areas of renovation.
7. Corridor Walls
   - All Structural Glazed Block Walls and Cove Base are existing to remain unless noted otherwise on A-series dwgs.
   - Walls not Structural Glazing shall receive impact wallcovering wainscott. This includes any portion of wall below wainscott height not specifically called out.
8. ROOM FINISH TAG NOTES
   (1) Existing glazed block walls to remain. Walls above to be patched and repaired to make ready to receive new finish.
   (2) Existing terrazzo floors to remain.
   (3) 09 30 00 - Where existing mosaic & porcelain floor tile is to remain, clean & seal grout.
   (4) Stairs - Existing mosaic wall tile to remain.
9. ROOM FINISH TAG ABBREVIATIONS

P - paint	VCT - vinyl tile	TZ - epoxy terrazzo
HP - high performance paint	LVT - luxury vinyl tile	RWB - rubber wall base
CWT - ceramic wall tile	PWT - porcelain wall tile	PFT - porcelain floot tile
VWC - type II wallcovering	MFT - mosaic floor tile	CPT carpet tile
IWC - type III wallcovering	MWT - mosaic wall tile	CPB - broadloom carpet
RSF - resinous flooring	WOC - walk-off carpet	VSF - vinyl sheet flooring
SGC - structural glazed cove	CFC - concrete floor coating	

Interior Plan Notes PH3

#	Note
1	PHASE ONE WORK. NO SCOPE.
1.1	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL/COLUMN, INSIDE CORNER TO INSIDE CORNER TO BE P-1/HP-1.
1.2	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL, INSIDE CORNER TO INSIDE CORNER TO BE P-2/HP-2.
1.3	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL, INSIDE CORNER TO INSIDE CORNER TO BE P-3/HP-3.
1.4	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL/COLUMN, INSIDE CORNER TO INSIDE CORNER TO BE P-4.
1.5	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL/COLUMN, INSIDE CORNER TO INSIDE CORNER TO BE P-5.
1.6	09 91 23.99 - EXPOSED STRUCTURE AND ASSOCIATED ASSEMBLIES TO BE PAINTED P-6.
1.7	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL/COLUMN, INSIDE CORNER TO INSIDE CORNER TO BE P-7/HP-7.
1.8	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL/COLUMN, INSIDE CORNER TO INSIDE CORNER TO BE P-8.
2.2	09 30 00 - WALL TO RECEIVE CERAMIC WALL TILE, REFERENCE 1E/I-501.3 FOR TYPICAL ELEVATION.
2.3	09 30 00 - ALL WALLS TO RECEIVE CERAMIC WALL TILE TO BE CWT-10,11. REFERENCE SHEET 221.3 FOR RESTROOM ELEVATIONS.
2.4	09 30 00 - ALL WALLS TO RECEIVE CERAMIC WALL TILE TO BE CWT-5. BRICK INSTALL.
2.5	09 30 00 - WALL BELOW CONCRETE BENCH TO RECEIVE CERAMIC WALL TILE, TO BE CWT-11.
3.1	12 24 13 - PROVIDE MANUAL ROLLER WINDOW SHADES. VERIFY DIMENSIONS IN FIELD PRIOR TO ORDERING AND INSTALL.
3.2	12 24 13 - PROVIDE MOTORIZED ROLLER WINDOW SHADES. VERIFY DIMENSIONS IN FIELD PRIOR TO ORDERING AND INSTALL.
4.1	FULL EXTENT OF WALL TO RECEIVE NEW VINYL WALLCOVERING (VWC-1).
4.2	FULL EXTENT OF WALL TO RECEIVE NEW VINYL WALLCOVERING (VWC-2).
4.3	FULL EXTENT OF WALL TO RECEIVE NEW VINYL WALLCOVERING (VWC-3).
5	12 36 61.16 - PROVIDE SOLID SURFACE WINDOW STOOL TI BE (SS-1)
6	EXISTING TERRAZZO STAIR TREADS, RISERS, & MOSIC WALL TILE ARE EXISTING TO REMAIN. NEW VINYL WALL BASE TO BE INSTALLED OVER MOSAIC WALL BASE.
6.1	STAIR TREADS TO BE TERRAZZO
7.1	10 26 00 - PROVIDE SURFACE MOUNTED CORNER GUARDS, (CG-1). REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
7.2	10 26 00 - PROVIDE IMPACT WALLCOVERING WAINSCOTT ALONG FULL EXTENT OF WALL UNLESS LEADERS INDICATED OTHERWISE. TO BE (IWC-1). PROVIDE EDGE TRIM ACCESSORIES AS REQUIRED BY MFR. PROVIDE NEW RUBBER WALL BASE, RWB-2 ALONG EXTENTS.
8	EXISTING DISPLAY CASES. NO NEW WORK.
8.1	10 11 00 - VISUAL DISPLAY SURFACES. CUSTOM DISPLAY CASES TO RECEIVE FABRIC WRAPPED TACKBOARD TO BE (UPH-X). REFER TO A-SERIES DRAWINGS.
9	EXISTING TERRAZZO FLOOR TO REMAIN. CLEAN AND BUFF PROTECTED FLOORS.
10	CONCRETE BENCHES TO BE SEALED, (CFC-1).
11	12 32 00 - TYPICAL CLASSROOM STORAGE. REFER TO ELEVATION 3B/I-205.3 FOR CLARIFICATION PROVIDE OPPOSITE HAND WHERE REQUIRED.
12	12 32 00 - TYPICAL RESOURCE STORAGE. REFER TO ELEVATION 5A/I-205.3 FOR CLARIFICATION PROVIDE OPPOSITE HAND WHERE REQUIRED.
13	EXISTING CASEWORK TO REMAIN.
14	06 40 23 - SEATED RISERS TO BE WOOD ON TOP AND FRONT FACE.
15	REFERENCE 2A/I-405.3 FOR TYPICAL SCIENCE ISLAND CASEWORK ELEVATIONS.
16	09 66 23 - PATCH -IN NEW RESINIOUS MATRIX TERRAZZO FLOOR TO MATCH ADJACENT FLOOR. PROVIDE PHYSICAL SAMPLE TO VERIFY COLOR IN FIELD. COLOR MAY VARY.
17	12 35 53 - TYPICAL SCIENCE CLASSROOM STORAGE. REFER TO ELEVATION 1A/I-210.3 FOR CLARIFICATION PROVIDE OPPOSITE HAND WHERE REQUIRED.
18	REFERENCE 2B/I-210.3 & 2C/I-210.3 FOR TYPICAL SCIENCE DEMONSTRATION ISLAND CASEWORK ELEVATIONS.
19	06 40 23 - BUILT-IN BENCH TO BE WOOD ON TOP AND FRONT FACE.
20	NEW FLOOR FINISHES IN PHASE 3. ALL OTHER FINISH SCOPE INCLUDED IN PHASE 2.
21	ALTERNATE CLASSROOM FINISHES AND CASEWORK: PROVIDE NEW CASEWORK IN EXISTING LOCATION. SEE ELEVATION 6E/I-211.3 FOR TYPICAL.
22	ALTERNATE: PROVIDE NEW FINISHES INCLUDING/BUT NOT LIMITED TO CARPET, PAINT, AND WALL BASE. REFER TO ALTERNATES DESIGNATED IN SPECIFICATION PROJECT MANUAL.
23	ALIGN CPT-4 WITH BULKHEAD ABOVE.
24	10 11 00 - PROVIDE FABRIC WRAPPED TACKBOARD TO FILL RECESS ABOVE WALL BASE, IN ITS ENTIRETY. VERIFY DIMENSIONS IN FIELD.
25	12 32 00 - TYPICAL WELLNESS CASEWORK. REFER TO ELEVATION 6E/I-401.3 FOR CLARIFICATION PROVIDE OPPOSITE HAND WHERE REQUIRED.
26	09 30 00 - PROVIDE PORCELAIN FLOOR TILE W/ METAL EDGE TRIM AT ALL EXPOSED EDGES. TO BE PFT-1.
27	ALIGN ACCENT FLOOR PATTERN WITH BULKHEAD ABOVE. CPT-4
28	APPLIED WALL FINISH IS EXISTING TO REMAIN. PROTECT SURFACE(S) THROUGH RENOVATION & CONTRSTRUCTION.
29	15"D ADJUSTABLE SHELVES W/ KV BRACKETS. SEE DETAIL 2B/I-301.3 FOR ADDITIONAL INFORMATION.
30	EXISTING RELOCATED METAL STUDENT ART LOCKERS.
31	12 00 80.99 - PROVIDE UTILITY SHELVING REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATON.
32	10 21 33 - PROVIDE CUBICLE CURTAIN AND TRACK.
33	CONTINUE CARPET TILE ON RAISED PLATFORM. PROVIDE RUBBER NOSING ON EXPOSED EDGES.
34	EXISTING NON-GYPSUM BOARD WALLS TO BE PAINTED. REFER TO ELEVATIONS REFERENCED FOR PAINT COLOR LOCATIONS, TYPICAL.
35	OWNER PROVIDED EQUIPMENT, N.I.C.
36	09 30 00 - PATCH AND REPAIR AREAS OF BROKEN MOSAIC FLOOR TILE. MATCH EXISTING TILE AND GROUT. VERIFY CONDITIONS AND LOCATIONS IN FIELD.
37	12 32 00 - PROVIDE PLASTIC LAMINATE COUNTERTOP W/ WIRE MANAGEMENT LINEAR CHANNEL W/ BRUSH. SIZE 2 BY 60 INCHES. BASIS OF DESIGN: MOCKETT-BREXT MODEL BRKIT, MATTE BLACK. (QTY:4). MOUNT AT 30"AFF W/ RAKKS EH-1824 SUPPORT BRACKETS SPACED MAX 42 INCHES APART. SEE DETAIL 5A/A-327.3
38	NOT USED
39	09 68 16 - PROVIDE NEW BROADLOOM CARPET ALONG AISLE. PATTERN DIRECTION TO RUN NORTH & SOUTH, LENGTH OF ROLL, TO BE (CPB-1). REFER TO E-SERIES DRAWINGS FOR ILLUMINATED EDGE TRIM FOR LIGHTED AISLE.
40	PROVIDE RUBBER STAIR TREAD & RISER, RAISED DISK, TO BE SELECTED BY ARCHITECT FROM MFR FULL COLOR RANGE.
41	BASE BID: CONSTRUCT STAGE ACCESS AND STAIR AS SHOWN, MODIFY EXISTING AUDIENCE SEATING AS REQUIRED FOR NEW CONSTRUCTION. PATCH & REPAIR AREA OF WALL AFFECTED BY CONSTRUCTION. REF A-400 SERIES DWGS.

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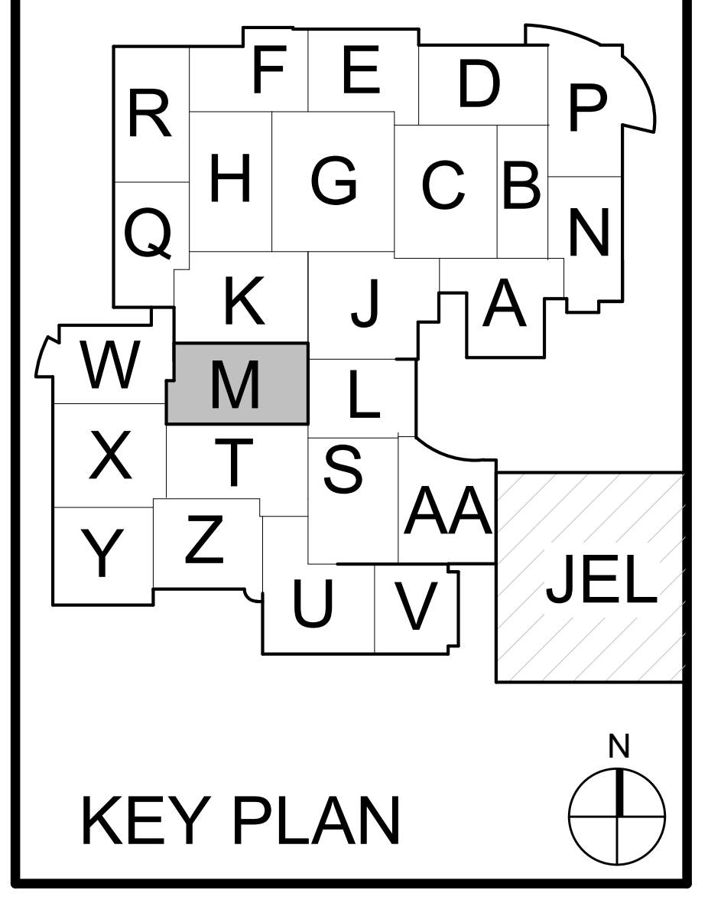
Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced LGK

SARAH KATHLEEN HEMPSTEAD
NO. AR10400134

Sarah K Hempstead

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

1801 East 86th Street
Indianapolis, IN 46240



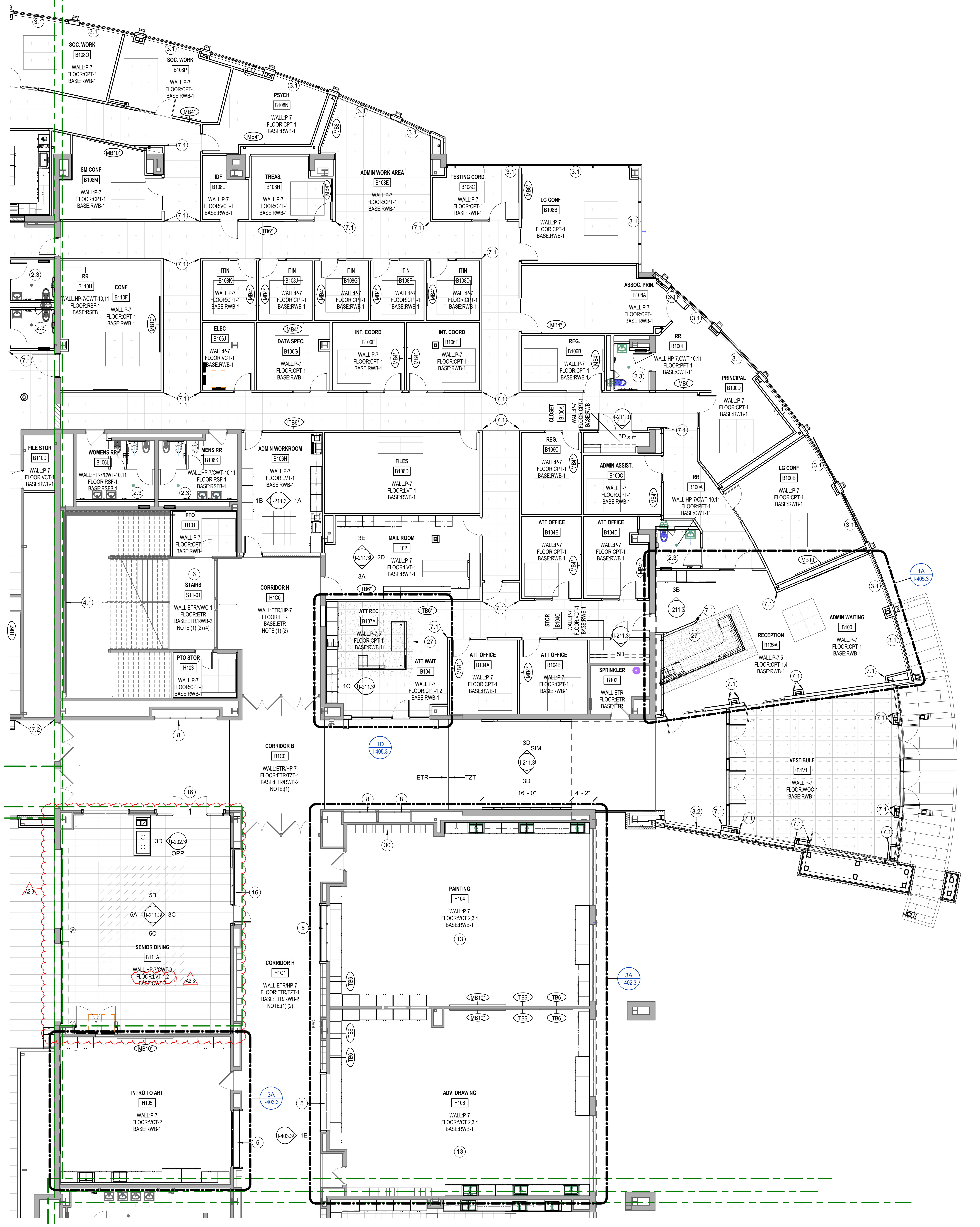
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR INTERIOR FINISH PLAN - UNIT M

IN1M2.3



2A FIRST FLOOR INTERIOR FINISH PLAN - UNIT P

1/8" = 1'-0"

INTERIOR GENERAL NOTES

REFERENCE A-001 FOR GENERAL PLAN NOTES. ALL NOTES MAY NOT APPLY TO THIS SHEET.

1. FINISHES PRIOR TO START & FINAL COMPLETION OF WORK
   - Where existing finishes are to remain outside scope of work, patch & repair any area damaged or effected by renovation, to return to like new condition, matching adjacent finishes. This includes, but is not limited to doors & associated hardware, door frames, wall finishes, wall base, floor finish including floor transitions & thresholds, etc. It is the responsibility of the contractor to verify conditions in field prior to start & completion of work.
2. Interior Painting/Wallcovering
   - Existing wall conditions that were not specifically noted to be patched and repaired, but are designated to receive new finishes, are to be repaired prior to new finishes being applied. It is the Contractors responsibility to confirm conditions in field prior to start of work.
   - Walls are to be prepped removing any existing wallcovering & residue, holes patched, and surface smoothed prior to new paint or wallcovering being installed.
   - Vinyl Wall Base over gyp. - Prior to removal of existing vinyl wall base, score wall above top of base to minimize damage to drywall.
3. Reference architectural ceilings plans for ceiling heights and bulkhead color designations. Paint all bulkheads P-10 unless specifically noted otherwise. Bulkheads that are flush with walls provide color to match adjacent wall color.
4. Paint interior hollow metal door frames HP-2.
   - Where existing conditions remain, split face finish, painting only side impacted by renovation.
5. Paint general walls HP-7 or P-7 (Neutral) unless specifically noted otherwise.
   - Athletics - Gymnasiums/Locker Rooms walls to be painted HP-1or P-1, unless specifically noted otherwise.
6. Paint all exposed conduit, piping, and associated assemblies to match adjacent paint finish. Applies to all new & existing to remain in areas of renovation.
7. Visual Display Markerboards & Tackboards- All existing to remain unless room(s) indicate new visual display to be installed or otherwise noted.
8. Corridor Walls
   - All Structural Glazed Block Walls and Cove Base are existing to remain unless noted otherwise on A-series dwgs.
   - Walls not Structural Glazing shall receive impact wallcovering wainscot. This includes any portion of wall below wainscot height not specifically called out.
9. ROOM FINISH TAG NOTES
   (1) Existing glazed block walls to remain. Walls above to be patched and repaired to make ready to receive new finish.
   (2) Existing terrazzo floors to remain.
   (3) 09 30 00 - Where existing mosaic & porcelain floor tile is to remain, clean & seal grout.
   (4) Stairs - Existing mosaic wall tile to remain.
10. ROOM FINISH TAG ABBREVIATIONS

P - paint	VCT - vinyl tile	TZ - epoxy terrazzo
HP - high performance paint	LVT - luxury vinyl tile	RWB - rubber wall base
CWT - ceramic wall tile	PWT - porcelain wall tile	PFT - porcelain floor tile
VWC - type II wallcovering	MFT - mosaic floor tile	CPT carpet tile
IWC - type III wallcovering	MWT - mosaic wall tile	CPB - broadloom carpet
RSF - resinous flooring	WOC - walk-off carpet	VSF - vinyl sheet flooring
SGC - structural glazed cove	CFC - concrete floor coating	

INTERIOR FLOOR PLAN NOTES PH3

#	NOTE
1	NO NEW FINISHES. EXISTING TO REMAIN.
1.1	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL/COLUMN, INSIDE CORNER TO INSIDE CORNER TO BE P-1/HP-1.
1.2	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL, INSIDE CORNER TO INSIDE CORNER TO BE P-2/HP-2.
1.3	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL, INSIDE CORNER TO INSIDE CORNER TO BE P-3/HP-3.
1.4	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL/COLUMN, INSIDE CORNER TO INSIDE CORNER TO BE P-4.
1.5	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL/COLUMN, INSIDE CORNER TO INSIDE CORNER TO BE P-5.
1.7	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL/COLUMN, INSIDE CORNER TO INSIDE CORNER TO BE P-7/HP-7.
1.8	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL/COLUMN, INSIDE CORNER TO INSIDE CORNER TO BE P-8.
2.2	09 30 00 - WALL TO RECEIVE CERAMIC WALL TILE, REFERENCE 1E/I-501.3 FOR TYPICAL ELEVATION.
2.3	09 30 00 - ALL WALLS TO RECEIVE CERAMIC WALL TILE TO BE CWT-10,11. REFERENCE SHEET 221.3 FOR RESTROOM ELEVATIONS.
2.4	09 30 00 - ALL WALLS TO RECEIVE CERAMIC WALL TILE TO BE CWT-5. BRICK INSTALL.
2.5	09 30 00 - WALL BELOW CONCRETE BENCH TO RECEIVE CERAMIC WALL TILE, TO BE CWT-11.
3.1	12 24 13 - PROVIDE MANUAL ROLLER WINDOW SHADES. VERIFY DIMENSIONS IN FIELD PRIOR TO ORDERING AND INSTALL.
3.2	12 24 13 - PROVIDE MOTORIZED ROLLER WINDOW SHADES. VERIFY DIMENSIONS IN FIELD PRIOR TO ORDERING AND INSTALL.
4.1	09 70 00 - FULL EXTENT OF WALL TO RECEIVE NEW CUSTOM VINYL WALLCOVERING (VWC-1).
4.2	09 70 00 - FULL EXTENT OF WALL TO RECEIVE NEW VINYL WALLCOVERING (VWC-2).
4.3	09 70 00 - FULL EXTENT OF WALL TO RECEIVE NEW VINYL WALLCOVERING (VWC-3).
5	12 36 61.16 - PROVIDE SOLID SURFACE WINDOW STOOL TI BE (SS-1)
6	EXISTING TERRAZZO STAIR TREADS, RISERS, & MOSIC WALL TILE ARE EXISTING TO REMAIN. NEW RESILIENT WALL BASE TO BE INSTALLED OVER MOSAIC WALL BASE.
6.1	09 66 23 - STAIR TREADS TO BE TERRAZZO
7.1	10 26 00 - PROVIDE SURFACE MOUNTED CORNER GUARDS, (CG-1). REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
7.2	10 26 00 - PROVIDE IMPACT WALLCOVERING WAINSCOTT ALONG FULL EXTENT OF WALL UNLESS LEADERS INDICATED OTHERWISE. TO BE (IWC-1). PROVIDE EDGE TRIM ACCESSORIES AS REQUIRED BY MFR. PROVIDE NEW RUBBER WALL BASE, RWB-2 ALONG EXTENTS.
8	EXISTING DISPLAY CASES. NO NEW WORK.
8.1	10 11 00 - VISUAL DISPLAY SURFACES. CUSTOM DISPLAY CASES TO RECEIVE FABRIC WRAPPED TACKBOARD TO BE (UPH-X). REFER TO A-SERIES DRAWINGS.
9	EXISTING TERRAZZO FLOOR TO REMAIN. CLEAN AND BUFF PROTECTED FLOORS.
10	CONCRETE BENCHES TO BE SEALED, (CFC-1).
11	12 32 00 - TYPICAL CLASSROOM STORAGE. REFER TO ELEVATION 6C/I-207.3 FOR CLARIFICATION PROVIDE OPPOSITE HAND WHERE REQUIRED.
12	12 32 00 - TYPICAL RESOURCE STORAGE. REFER TO ELEVATION 3B/I-205.3 FOR CLARIFICATION PROVIDE OPPOSITE HAND WHERE REQUIRED.
13	REFERENCE SHEET I-501 FOR FLOOR PATTERNS.
14	06 40 23 - SEATED RISERS TO BE PORCELAIN TILE ON TOP AND FRONT FACE. INSTALL 1/3 RUNNING BOND LENGTHWISE. PROVIDE METAL STAIR NOSING. SEE A-SERIES DRAWINGS FOR SECTION.
15	REFERENCE 2A/I-404.3 FOR TYPICAL SCIENCE ISLAND CASEWORK ELEVATIONS.
16	09 66 23 - PATCH -IN NEW RESINIOUS MATRIX TERRAZZO FLOOR TO MATCH ADJACENT FLOOR. PROVIDE PHYSICAL SAMPLE TO VERIFY COLOR IN FIELD. COLOR MAY VARY.
17	12 35 53 - TYPICAL SCIENCE CLASSROOM STORAGE. REFER TO ELEVATION 2D/I-215.3 FOR CLARIFICATION PROVIDE OPPOSITE HAND WHERE REQUIRED.
18	REFERENCE 2B/I-210.3 & 2C/I-210.3 FOR TYPICAL SCIENCE DEMONSTRATION ISLAND CASEWORK ELEVATIONS.
19	06 40 23 - BUILT-IN BENCH. REFER TO A-SERIES DRAWINGS FOR DETAIL.
20	NEW FLOOR FINISHES IN PHASE 3. ALL OTHER FINISH SCOPE INCLUDED IN PHASE 2.
21	ALTERNATE CLASSROOM FINISHES AND CASEWORK: PROVIDE NEW CASEWORK IN EXISTING LOCATION. SEE ELEVATION 6E/I-211.3 FOR TYPICAL.
22	ALTERNATE CLASSROOM FINISHES AND CASEWORK: PROVIDE NEW FINISHES INCLUDING/BUT NOT LIMITED TO CARPET, PAINT, WALL BASE, AND CASEWORK. REFER TO ALTERNATES DESIGNATED IN SPECIFICATION PROJECT MANUAL.
23	ALTERNATE SCIENCE CLASSROOM FINISHES : PROVIDE NEW FINISHES INCLUDING/BUT NOT LIMITED TO VCT, PAINT, AND WALL BASE. REFER TO ALTERNATES DESIGNATED IN SPECIFICATION PROJECT MANUAL.
24	10 11 00 - PROVIDE FABRIC WRAPPED TACKBOARD TO FILL RECESS ABOVE WALL BASE, IN ITS ENTIRETY. VERIFY DIMENSIONS IN FIELD.
25	12 32 00 - TYPICAL WELLNESS CASEWORK. REFER TO ELEVATION 6E/I-401.3 FOR CLARIFICATION PROVIDE OPPOSITE HAND WHERE REQUIRED.
26	09 30 00 - PROVIDE PORCELAIN FLOOR TILE W/ METAL EDGE TRIM AT ALL EXPOSED EDGES. TO BE PFT-1.
27	ALIGN ACCENT FLOOR PATTERN WITH BULKHEAD ABOVE. CPT-4
28	APPLIED WALL FINISH IS EXISTING TO REMAIN. PROTECT SURFACE(S) THROUGH RENOVATION & CONTRSTRUCTION.
29	15"D ADJUSTABLE SHELVES W/ KV BRACKETS. SEE DETAIL 2B/I-301.3 FOR ADDITIONAL INFORMATION.
30	EXISTING RELOCATED METAL STUDENT ART LOCKERS.
31	12 00 80.99 - PROVIDE UTILITY SHELVING REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATON.
32	10 21 33 - PROVIDE CUBICLE CURTAIN AND TRACK.
33	CONTINUE CARPET TILE ON RAISED PLATFORM. PROVIDE RUBBER NOSING ON EXPOSED EDGES.
34	EXISTING NON-GYPSUM BOARD WALLS TO BE PAINTED. REFER TO ELEVATIONS REFERENCED FOR PAINT COLOR LOCATIONS, TYPICAL.
35	OWNER PROVIDED EQUIPMENT, N.I.C.
36	09 30 00 - PATCH AND REPAIR AREAS OF BROKEN MOSAIC FLOOR TILE. MATCH EXISTING TILE AND GROUT. VERIFY CONDITIONS AND LOCATIONS IN FIELD.
37	12 32 00 - PROVIDE PLASTIC LAMINATE COUNTERTOP W/ WIRE MANAGEMENT LINEAR CHANNEL W/ BRUSH. SIZE 2 BY 60 INCHES. BASIS OF DESIGN: MOCKETT-BREXT MODEL BRKIT, MATTE BLACK. (QTY:4). MOUNT AT 30"AFF W/ RAKKS EH-1824 SUPPORT BRACKETS SPACED MAX 42 INCHES APART. SEE DETAIL 5A/A-327.3
38	NOT USED.
39	09 68 16 - PROVIDE NEW BROADLOOM CARPET ALONG AISLE. PATTERN DIRECTION TO RUN NORTH & SOUTH, LENGTH OF ROLL, TO BE (CPB-1). REFER TO E-SERIES DRAWINGS FOR ILLUMINATED EDGE TRIM FOR LIGHTED AISLE.
40	PROVIDE RUBBER STAIR TREAD & RISER, RAISED DISK, TO BE SELECTED BY ARCHITECT FROM MFR FULL COLOR RANGE.

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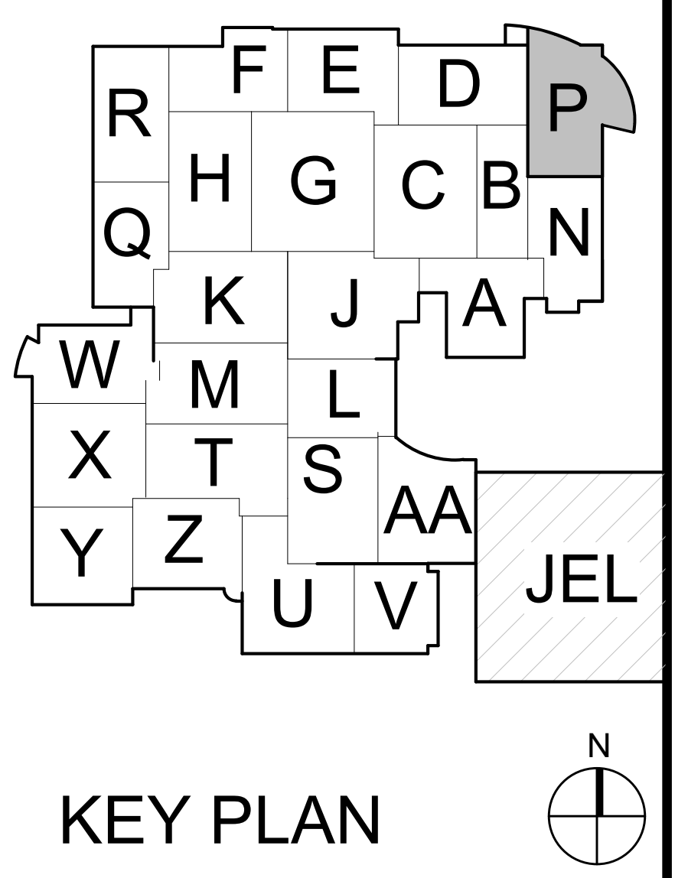
Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced LGK

SARAH KATHLEEN HEMPSTEAD
NO. AR10400134

Sarah K Hempstead

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

1801 East 86th Street
Indianapolis, IN 46240



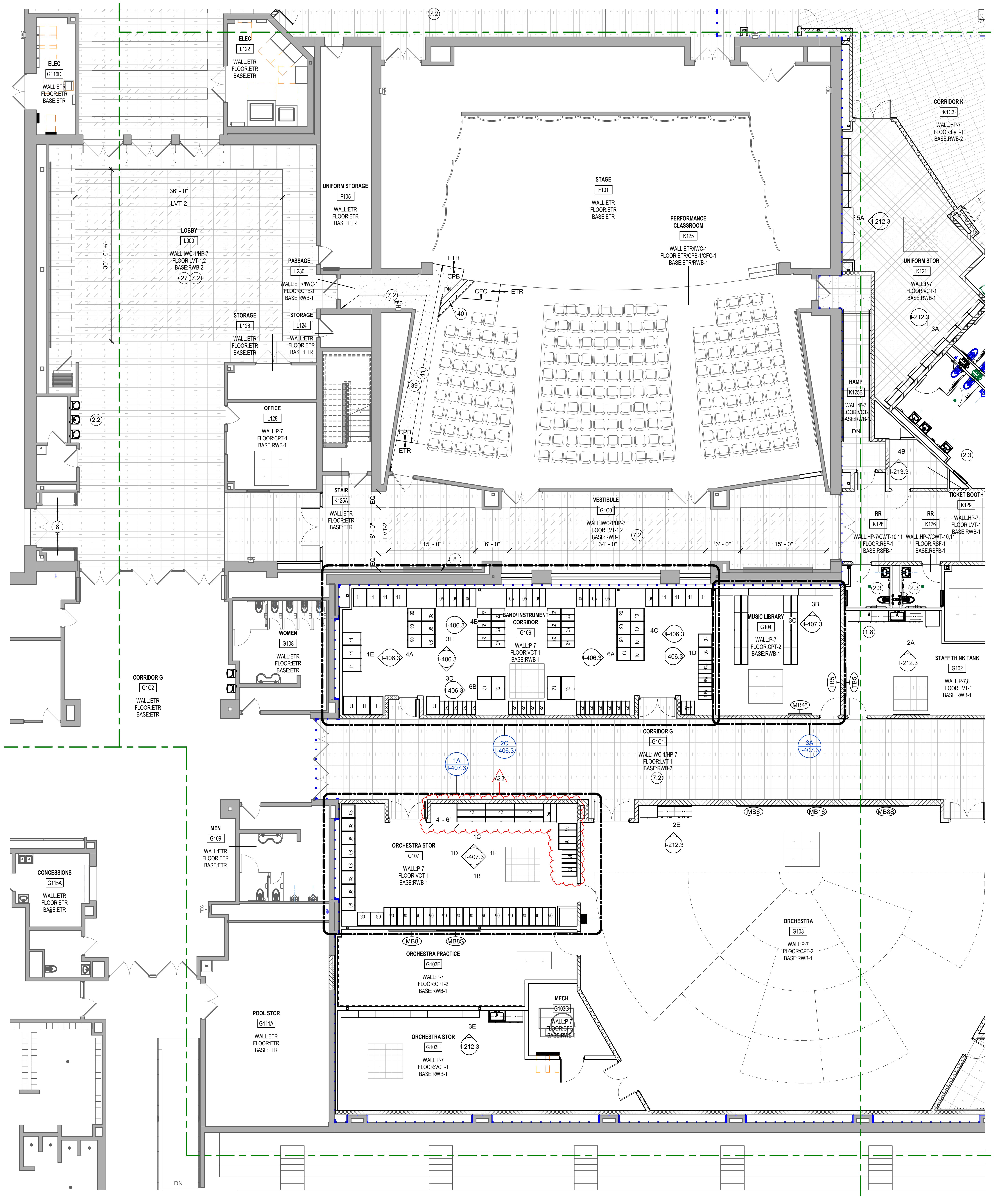
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR INTERIOR
FINISH PLAN - UNIT P

IN1P1.3



2A FIRST FLOOR - INTERIOR FINISH PLAN - UNIT S

1/8" = 1'-0"

INTERIOR GENERAL NOTES

REFERENCE A-001 FOR GENERAL PLAN NOTES. ALL NOTES MAY NOT APPLY TO THIS SHEET.

1. FINISHES PRIOR TO START & FINAL COMPLETION OF WORK
   - Where existing finishes are to remain outside scope of work, patch & repair any area damaged or effected by renovation, to return to like new condition, matching adjacent finishes. This includes, but is not limited to doors & associated hardware, door frames, wall finishes, wall base, floor finish including floor transitions & thresholds, etc. It is the responsibility of the contractor to verify conditions in field prior to start & completion of work.
2. Interior Painting/Wallcovering
   - Existing wall conditions that were not specifically noted to be patched and repaired, but are designated to receive new finishes, are to be repaired prior to new finishes being applied. It is the Contractors responsibility to confirm conditions in field prior to start of work.
   - Walls are to be prepped removing any existing wallcovering & residue, holes patched, and surface smoothed prior to new paint or wallcovering being installed.
   - Vinyl Wall Base over gyp. - Prior to removal of existing vinyl wall base, score wall above top of base to minimize damage to drywall.
3. Reference architectural ceilings plans for ceiling heights and bulkhead color designations. Paint all bulkheads P-10 unless specifically noted otherwise. Bulkheads that are flush with walls provide color to match adjacent wall color.
4. Paint interior hollow metal door frames HP-2.
   - Where existing conditions remain, split face finish, painting only side impacted by renovation.
5. Paint general walls HP-7 or P-7 (Neutral) unless specifically noted otherwise.
   - Athletics - Gymnasiums/Locker Rooms walls to be painted HP-1or P-1, unless specifically noted otherwise.
6. Paint all exposed conduit, piping, and associated assemblies to match adjacent paint finish. Applies to all new & existing to remain in areas of renovation.
7. Corridor Walls
   - All Structural Glazed Block Walls and Cove Base are existing to remain unless noted otherwise on A-series dwgs.
   - Walls not Structural Glazing shall receive impact wallcovering wainscott. This includes any portion of wall below wainscott height not specifically called out.
8. ROOM FINISH TAG NOTES
   (1) Existing glazed block walls to remain. Walls above to be patched and repaired to make ready to receive new finish.
   (2) Existing terrazzo floors to remain.
   (3) 09 30 00 - Where existing mosaic & porcelain floor tile is to remain, clean & seal grout.
   (4) Stairs - Existing mosaic wall tile to remain.
9. ROOM FINISH TAG ABBREVIATIONS

P - paint	VCT - vinyl tile	TZ - epoxy terrazzo
HP - high performance paint	LVT - luxury vinyl tile	RWB - rubber wall base
CWT - ceramic wall tile	PWT - porcelain wall tile	PFT - porcelain floot tile
VWC - type II wallcovering	MFT - mosaic floor tile	CPT carpet tile
IWC - type III wallcovering	MWT - mosaic wall tile	CPB - broadloom carpet
RSF - resinous flooring	WOC - walk-off carpet	VSF - vinyl sheet flooring
SGC - structural glazed cove	CFC - concrete floor coating	

Interior Plan Notes PH3

#	Note
1	PHASE ONE WORK. NO SCOPE.
1.1	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL/COLUMN, INSIDE CORNER TO INSIDE CORNER TO BE P-1/HP-1.
1.2	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL, INSIDE CORNER TO INSIDE CORNER TO BE P-2/HP-2.
1.3	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL, INSIDE CORNER TO INSIDE CORNER TO BE P-3/HP-3.
1.4	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL/COLUMN, INSIDE CORNER TO INSIDE CORNER TO BE P-4.
1.5	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL/COLUMN, INSIDE CORNER TO INSIDE CORNER TO BE P-5.
1.6	09 91 23.99 - EXPOSED STRUCTURE AND ASSOCIATED ASSEMBLIES TO BE PAINTED P-6.
1.7	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL/COLUMN, INSIDE CORNER TO INSIDE CORNER TO BE P-7/HP-7.
1.8	09 91 23.99 - PAINT FULL HEIGHT OF ENTIRE WALL/COLUMN, INSIDE CORNER TO INSIDE CORNER TO BE P-8.
2.2	09 30 00 - WALL TO RECEIVE CERAMIC WALL TILE, REFERENCE 1E/I-501.3 FOR TYPICAL ELEVATION.
2.3	09 30 00 - ALL WALLS TO RECEIVE CERAMIC WALL TILE TO BE CWT-10,11. REFERENCE SHEET 221.3 FOR RESTROOM ELEVATIONS.
2.4	09 30 00 - ALL WALLS TO RECEIVE CERAMIC WALL TILE TO BE CWT-5. BRICK INSTALL.
2.5	09 30 00 - WALL BELOW CONCRETE BENCH TO RECEIVE CERAMIC WALL TILE, TO BE CWT-11.
3.1	12 24 13 - PROVIDE MANUAL ROLLER WINDOW SHADES. VERIFY DIMENSIONS IN FIELD PRIOR TO ORDERING AND INSTALL.
3.2	12 24 13 - PROVIDE MOTORIZED ROLLER WINDOW SHADES. VERIFY DIMENSIONS IN FIELD PRIOR TO ORDERING AND INSTALL.
4.1	FULL EXTENT OF WALL TO RECEIVE NEW VINYL WALLCOVERING (VWC-1).
4.2	FULL EXTENT OF WALL TO RECEIVE NEW VINYL WALLCOVERING (VWC-2).
4.3	FULL EXTENT OF WALL TO RECEIVE NEW VINYL WALLCOVERING (VWC-3).
5	12 36 61.16 - PROVIDE SOLID SURFACE WINDOW STOOL TI BE (SS-1)
6	EXISTING TERRAZZO STAIR TREADS, RISERS, & MOSIC WALL TILE ARE EXISTING TO REMAIN. NEW VINYL WALL BASE TO BE INSTALLED OVER MOSAIC WALL BASE.
6.1	STAIR TREADS TO BE TERRAZZO
7.1	10 26 00 - PROVIDE SURFACE MOUNTED CORNER GUARDS, (CG-1). REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
7.2	10 26 00 - PROVIDE IMPACT WALLCOVERING WAINSCOTT ALONG FULL EXTENT OF WALL UNLESS LEADERS INDICATED OTHERWISE. TO BE (IWC-1). PROVIDE EDGE TRIM ACCESSORIES AS REQUIRED BY MFR. PROVIDE NEW RUBBER WALL BASE, RWB-2 ALONG EXTENTS.
8	EXISTING DISPLAY CASES. NO NEW WORK.
8.1	10 11 00 - VISUAL DISPLAY SURFACES. CUSTOM DISPLAY CASES TO RECEIVE FABRIC WRAPPED TACKBOARD TO BE (UPH-X). REFER TO A-SERIES DRAWINGS.
9	EXISTING TERRAZZO FLOOR TO REMAIN. CLEAN AND BUFF PROTECTED FLOORS.
10	CONCRETE BENCHES TO BE SEALED, (CFC-1).
11	12 32 00 - TYPICAL CLASSROOM STORAGE. REFER TO ELEVATION 3B/I-205.3 FOR CLARIFICATION PROVIDE OPPOSITE HAND WHERE REQUIRED.
12	12 32 00 - TYPICAL RESOURCE STORAGE. REFER TO ELEVATION 5A/I-205.3 FOR CLARIFICATION PROVIDE OPPOSITE HAND WHERE REQUIRED.
13	EXISTING CASEWORK TO REMAIN.
14	06 40 23 - SEATED RISERS TO BE WOOD ON TOP AND FRONT FACE.
15	REFERENCE 2A/I-405.3 FOR TYPICAL SCIENCE ISLAND CASEWORK ELEVATIONS.
16	09 66 23 - PATCH -IN NEW RESINIOUS MATRIX TERRAZZO FLOOR TO MATCH ADJACENT FLOOR. PROVIDE PHYSICAL SAMPLE TO VERIFY COLOR IN FIELD. COLOR MAY VARY.
17	12 35 53 - TYPICAL SCIENCE CLASSROOM STORAGE. REFER TO ELEVATION 1A/I-210.3 FOR CLARIFICATION PROVIDE OPPOSITE HAND WHERE REQUIRED.
18	REFERENCE 2B/I-210.3 & 2C/I-210.3 FOR TYPICAL SCIENCE DEMONSTRATION ISLAND CASEWORK ELEVATIONS.
19	06 40 23 - BUILT-IN BENCH TO BE WOOD ON TOP AND FRONT FACE.
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22	ALTERNATE: PROVIDE NEW FINISHES INCLUDING/BUT NOT LIMITED TO CARPET, PAINT, AND WALL BASE. REFER TO ALTERNATES DESIGNATED IN SPECIFICATION PROJECT MANUAL.
23	ALIGN CPT-4 WITH BULKHEAD ABOVE.
24	10 11 00 - PROVIDE FABRIC WRAPPED TACKBOARD TO FILL RECESS ABOVE WALL BASE, IN ITS ENTIRETY. VERIFY DIMENSIONS IN FIELD.
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32	10 21 33 - PROVIDE CUBICLE CURTAIN AND TRACK.
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38	NOT USED
39	09 68 16 - PROVIDE NEW BROADLOOM CARPET ALONG AISLE. PATTERN DIRECTION TO RUN NORTH & SOUTH, LENGTH OF ROLL, TO BE (CPB-1). REFER TO E-SERIES DRAWINGS FOR ILLUMINATED EDGE TRIM FOR LIGHTED AISLE.
40	PROVIDE RUBBER STAIR TREAD & RISER, RAISED DISK, TO BE SELECTED BY ARCHITECT FROM MFR FULL COLOR RANGE.
41	BASE BID: CONSTRUCT STAGE ACCESS AND STAIR AS SHOWN, MODIFY EXISTING AUDIENCE SEATING AS REQUIRED FOR NEW CONSTRUCTION. PATCH & REPAIR AREA OF WALL AFFECTED BY CONSTRUCTION. REF A-400 SERIES DWGS.

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Project No. 2019-067.NCH
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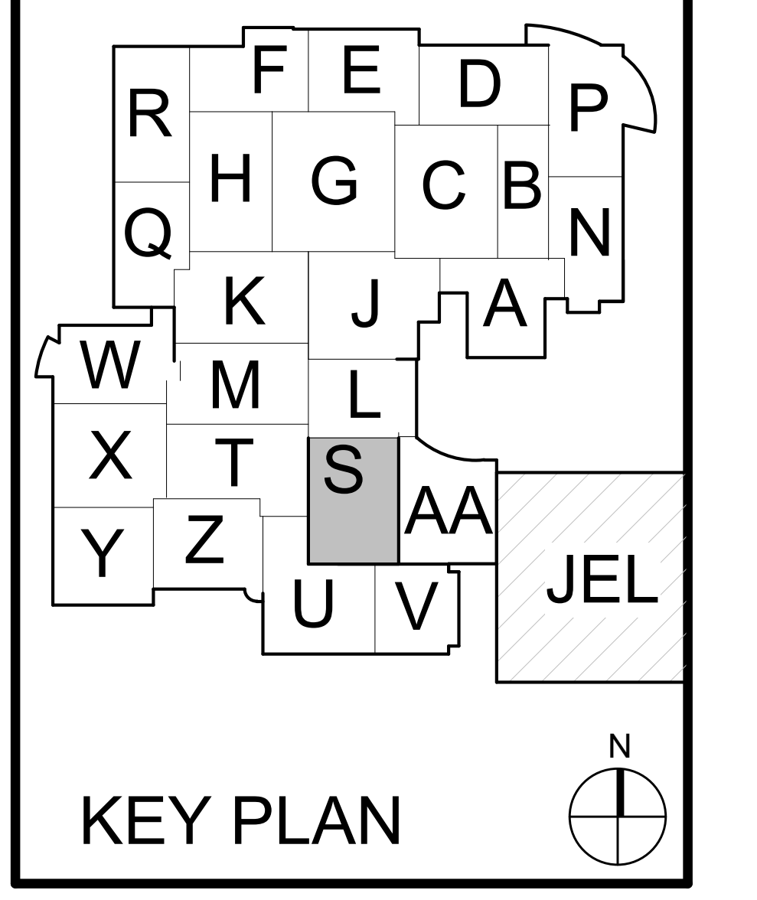
Bid Set 03
Produced LGK

SARAH KATHLEEN HEMPSTEAD
REGISTERED
NO. AR10400134
STATE OF INDIANA
ARCHITECT

Sarah K Hempstead

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

1801 East 86th Street
Indianapolis, IN 46240



KEY PLAN

M.S.D. of Washington Township

North Central High School Renovation - Additions Phase 3

FIRST FLOOR INTERIOR FINISH PLAN - UNIT S

IN1S1.3

IN1S1.3_ FIRST FLOOR INTERIOR FINISH PLAN - UNIT S
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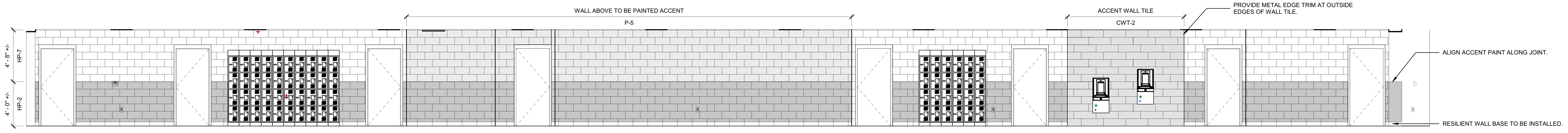
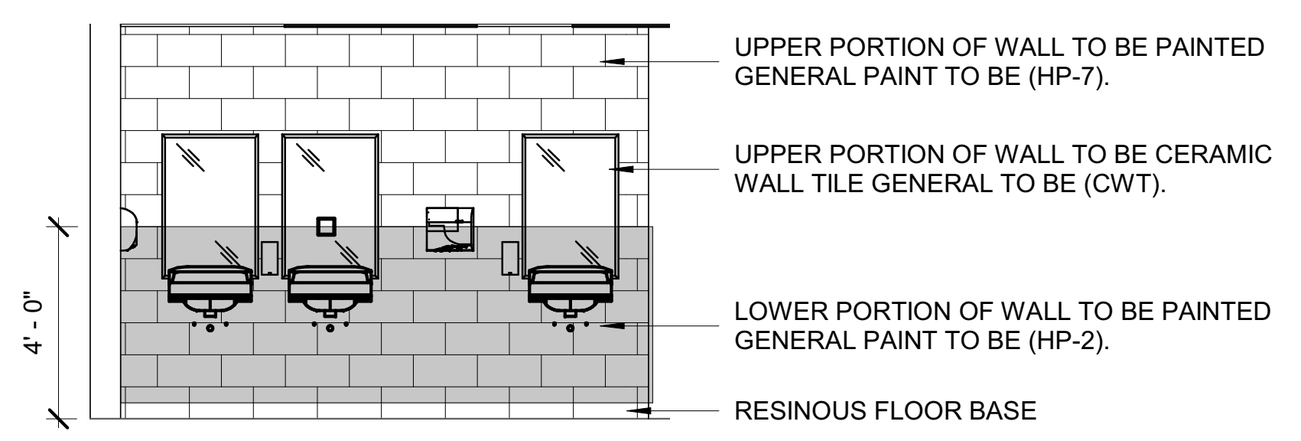
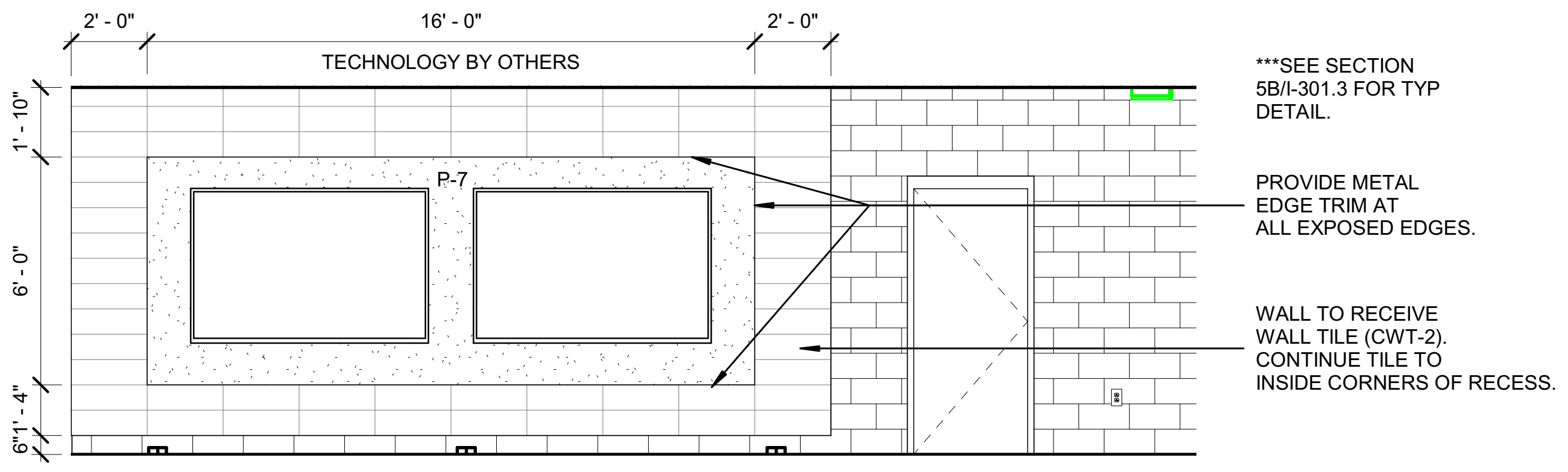


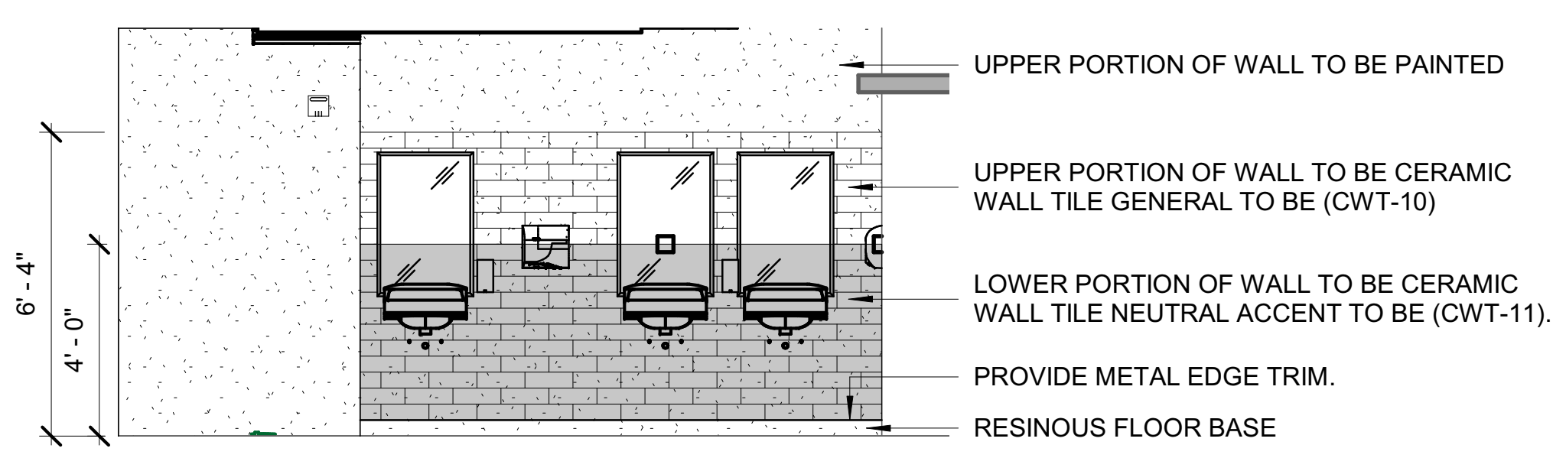
2E UNIT M - CORRIDOR E - ATHLETIC CORRIDOR ELEVATION
1/4" = 1'-0"



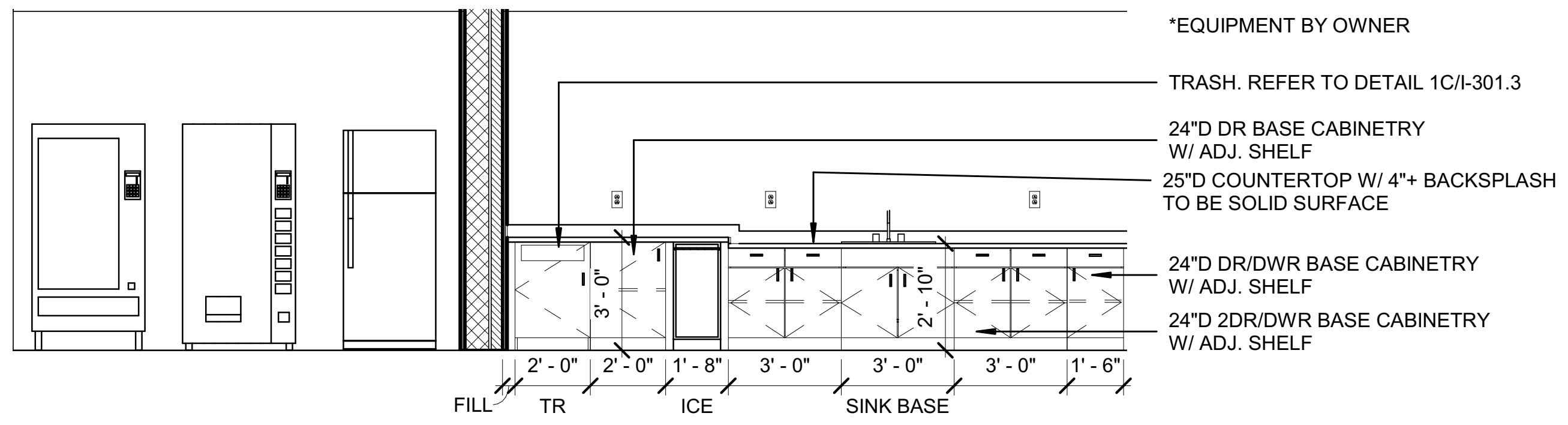
3D LOCKER ROOM - PAINTED BLOCK TYP.
1/4" = 1'-0"



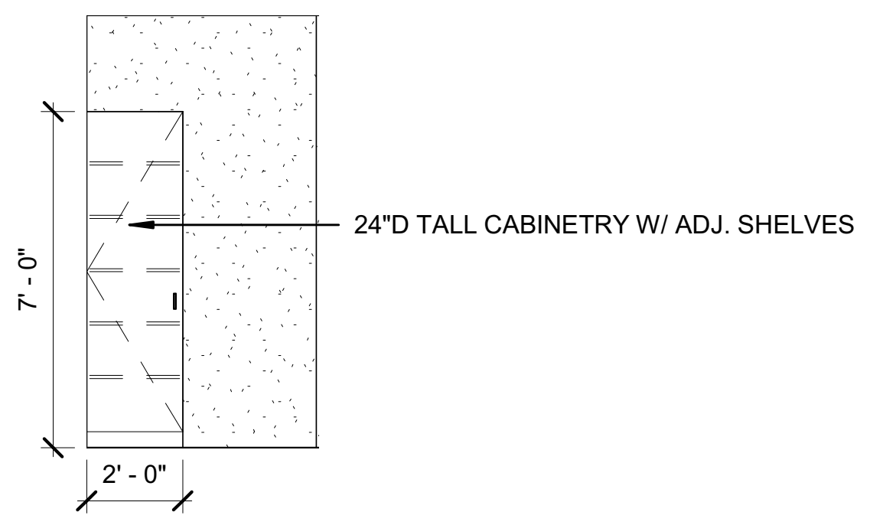
2D UNIT AA - FEATURE WALL ELEVATION
1/4" = 1'-0"



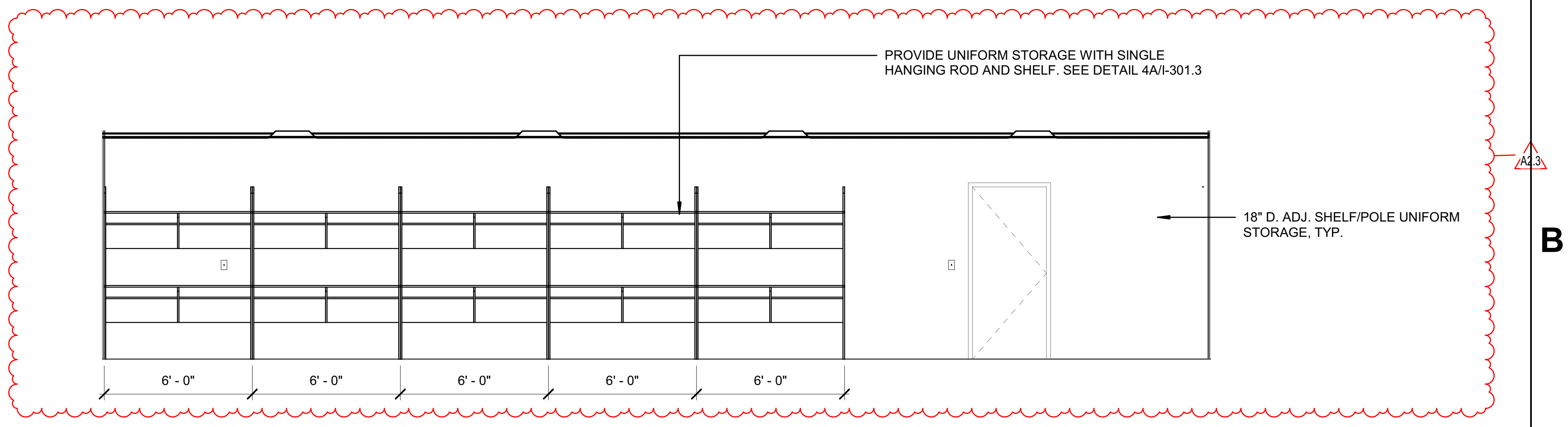
3C RESTROOM WALL TILE INSTALLATION TYP.
1/4" = 1'-0"



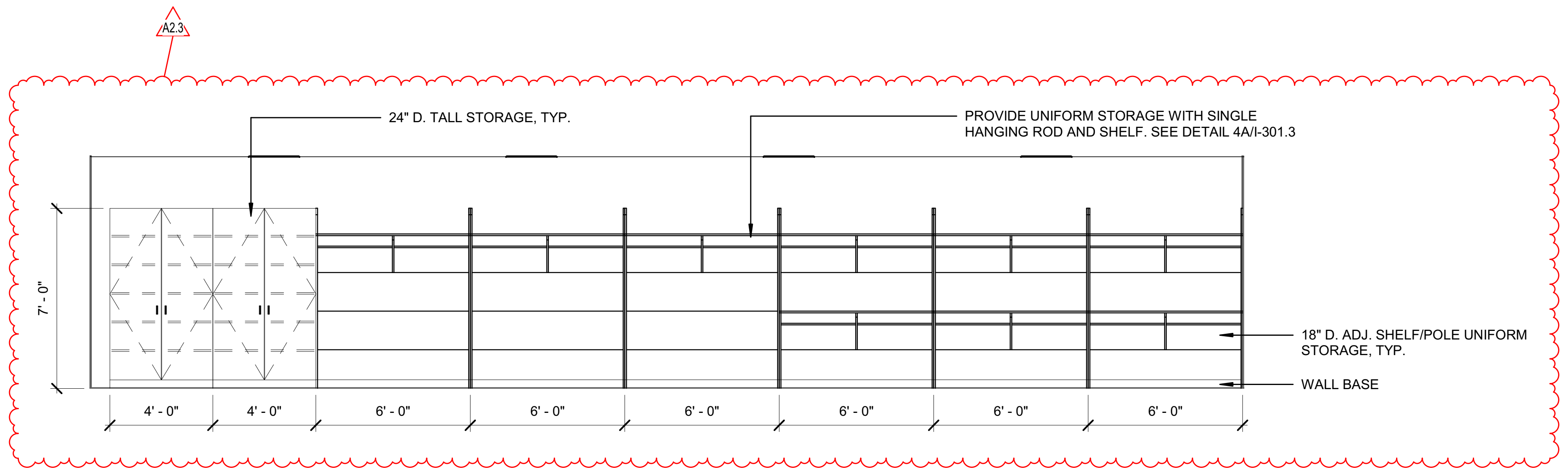
2C HOSPITALITY - EAST ELEVATION
1/4" = 1'-0"



4B UNIT AA - TICKET BOOTH ELEVATION
1/4" = 1'-0"



3B UNIT L - UNIFORM STORAGE - SOUTH ELEVATION
1/4" = 1'-0"



3A UNIT L - UNIFORM STORAGE - NORTH ELEVATION
1/4" = 1'-0"

I-213.3_ INTERIOR ELEVATIONS
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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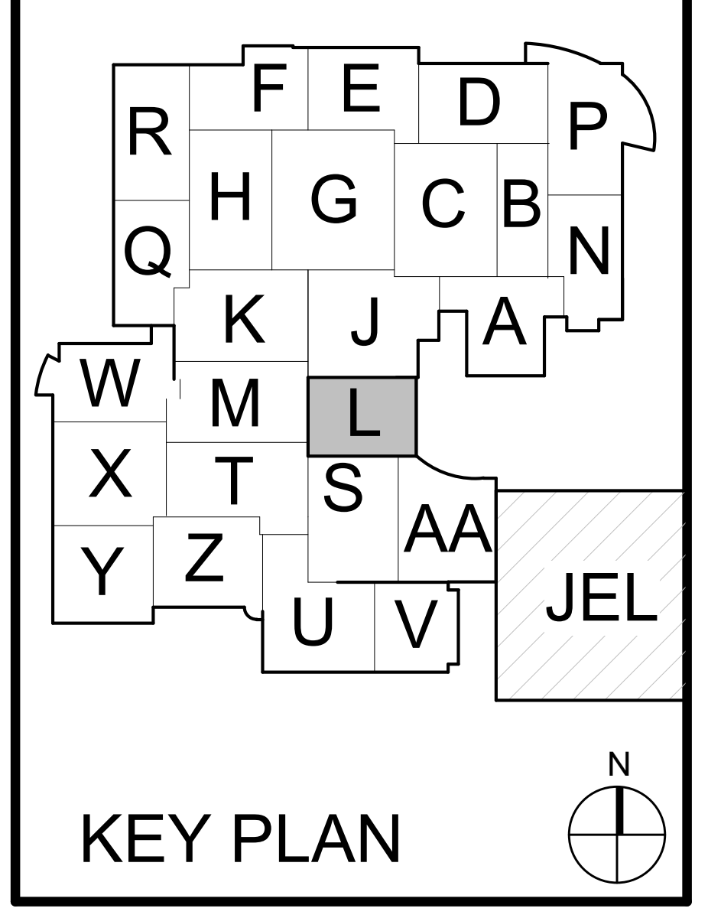


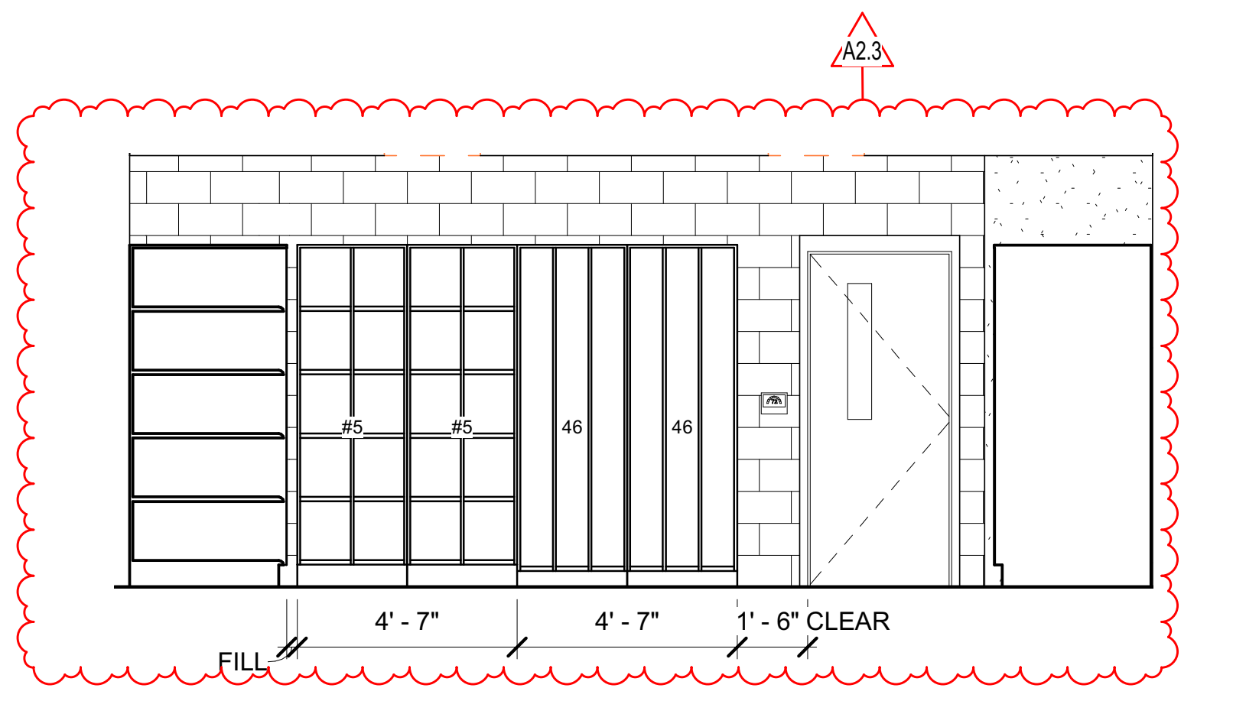
KEY PLAN

M.S.D. of Washington Township

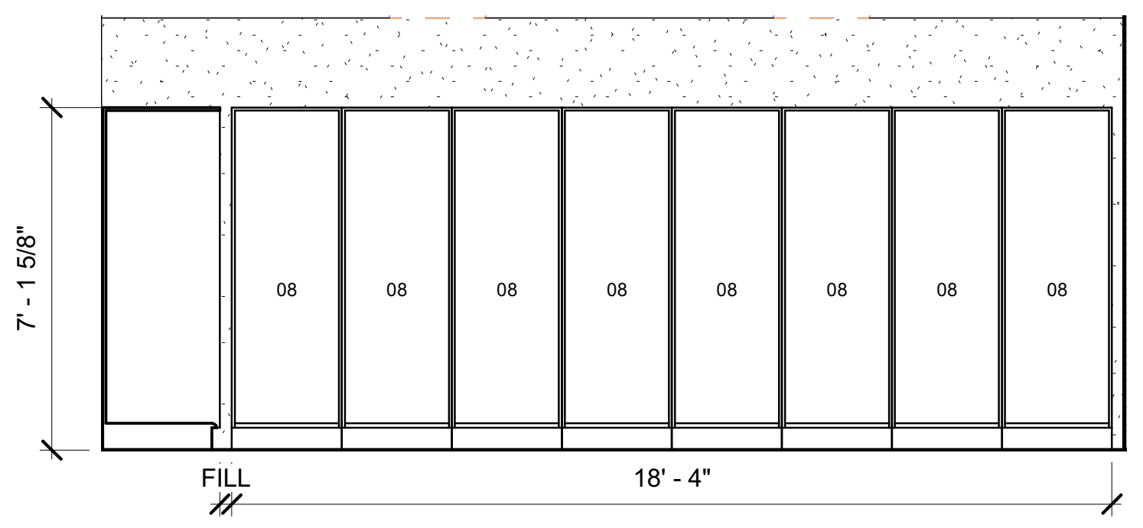
North Central High School
Renovation - Additions
Phase 3

INTERIOR ELEVATIONS

I-213.3

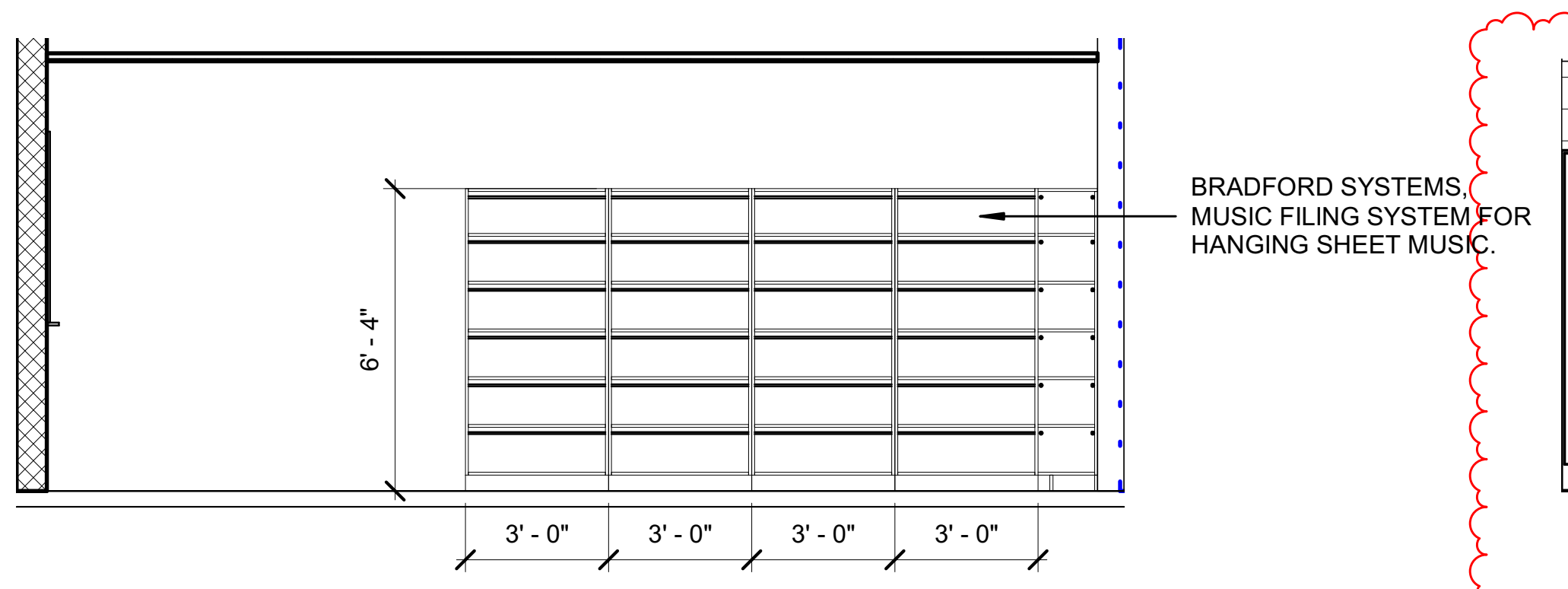


1E UNIT S - ORCHESTRA CORRIDOR - EAST ELEVATION
1/4" = 1'-0"



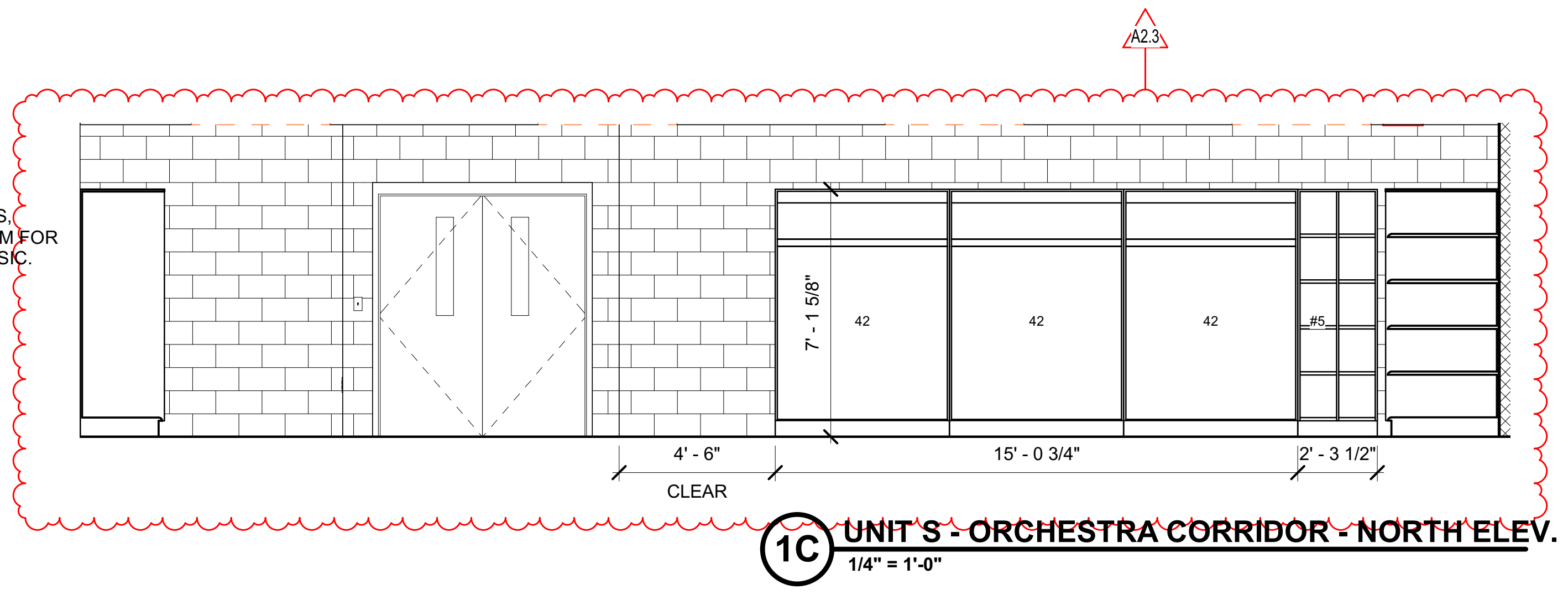
1D UNIT S - ORCHESTRA CORRIDOR - WEST ELEV.
1/4" = 1'-0"

BASIS OF DESIGN: WENGER ULTRA STORAGE INSTRUMENT CABINETRY W /SOLID DOORS

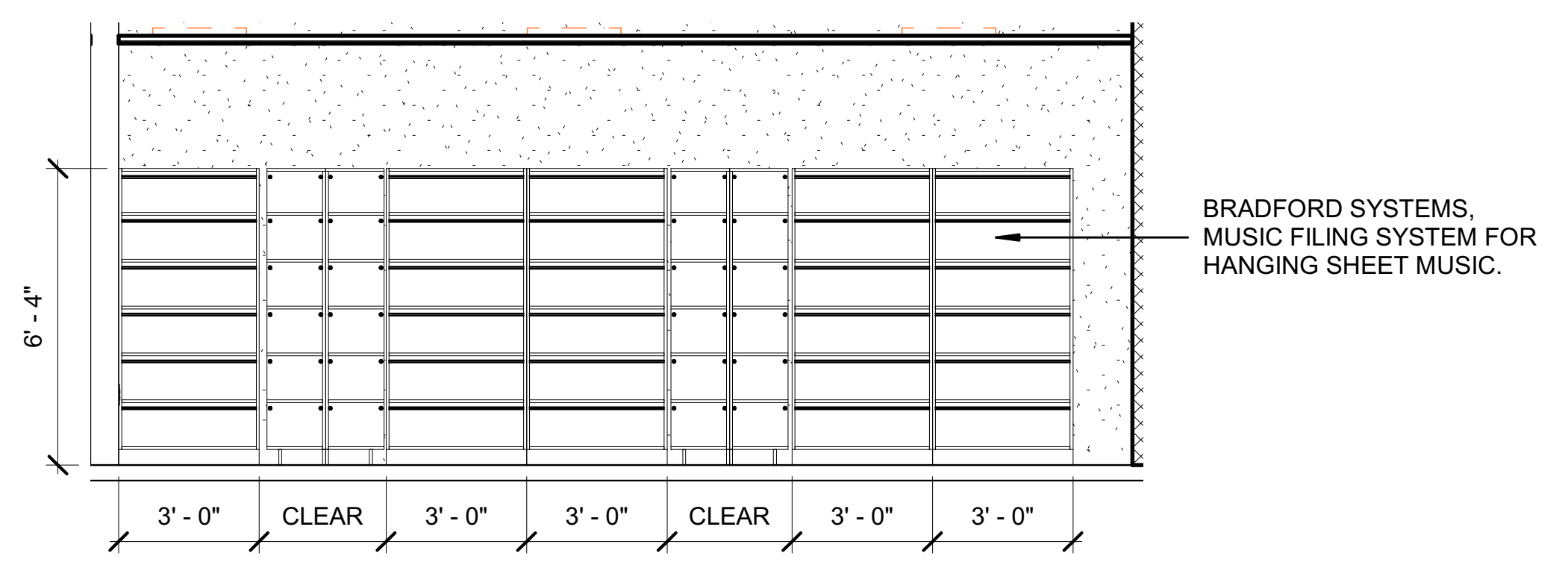


BRADFORD SYSTEMS, MUSIC FILING SYSTEM FOR HANGING SHEET MUSIC.

3C UNIT S - MUSIC LIBRARY - SHEET MUSIC STOR. TYP.
1/4" = 1'-0"

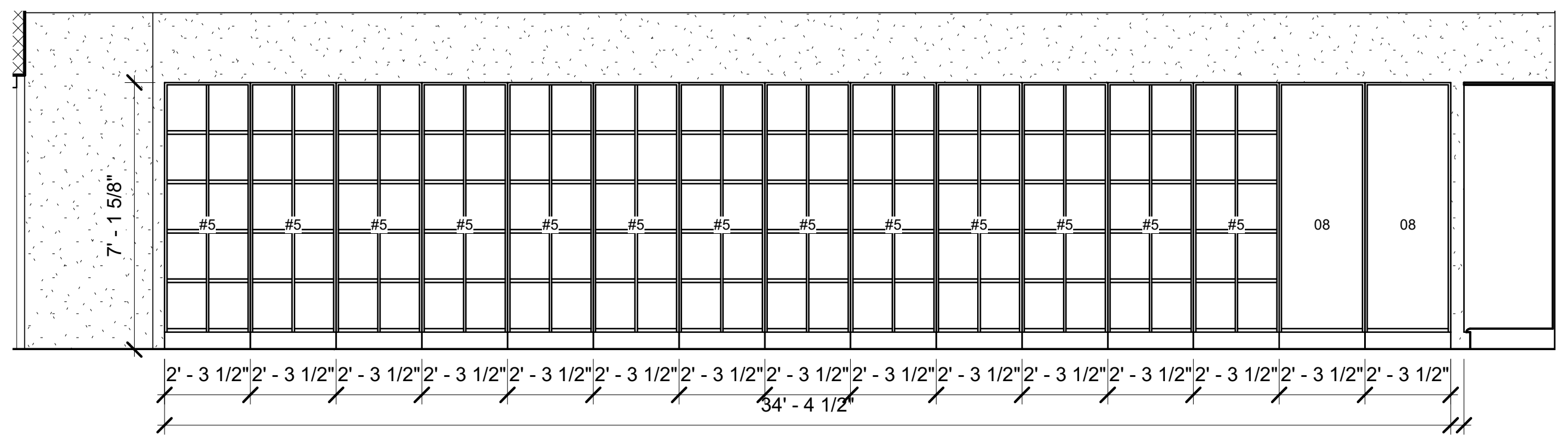


1C UNIT S - ORCHESTRA CORRIDOR - NORTH ELEV.
1/4" = 1'-0"

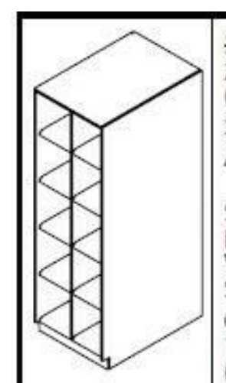


BRADFORD SYSTEMS, MUSIC FILING SYSTEM FOR HANGING SHEET MUSIC.

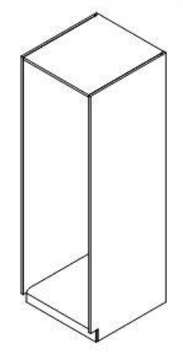
3B UNIT S - MUSIC LIBRARY - SHEET MUSIC STOR.
1/4" = 1'-0"



1B UNIT S - ORCHESTRA CORRIDOR - SOUTH ELEV.
1/4" = 1'-0"



#5
27-1/2"w x 39-1/4"d x 85-5/8"h
(699 x 997 x 2175 mm)
383 lbs (173 kg)
Available in narrow width:
21-1/2" (546 mm)
Stores 10 Trombones, Bassoons, Bass Clarinets, Violins, Violas, Tenor Saxophones or Alto Clarinets.
COMPARTMENT SIZES:
12-3/8"w x 37-3/8"d x 14-5/8"h
(31 x 95 x 371 mm)
Narrow width size:
9-3/8" (238 mm)*

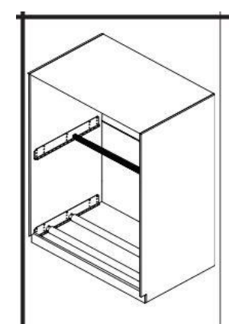


#8
Cabinet size:
27-1/2"w x 29-1/4"d x 85-5/8"h
(699 x 743 x 2175 mm)
Narrow cabinet width:
21-1/2" (546 mm)

Weight:
230 lb (104 kg)

Compartment sizes:
25-1/2"w x 27-3/8"d x 78-1/2"h
(648 x 695 x 1993 mm)
Narrow compartment width:
19-1/2" (495 mm)

Stores:
1 string bass, contra bass clarinet, or bass drum or use for general storage

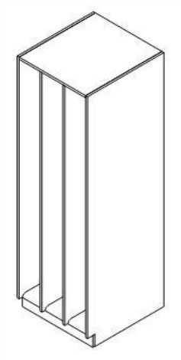


#42
Cabinet size:
60-1/2"w x 39-1/4"d x 85-5/8"h
(1537 x 997 x 2175 mm)

Weight:
424 lb (192 kg)

Compartment sizes:
58-1/2"w x 37-3/8"d x 81"h
(1486 x 949 x 2057 mm)

Stores:
up to 3 bass, 4 cellos, 18 guitars, 20 violins or violas

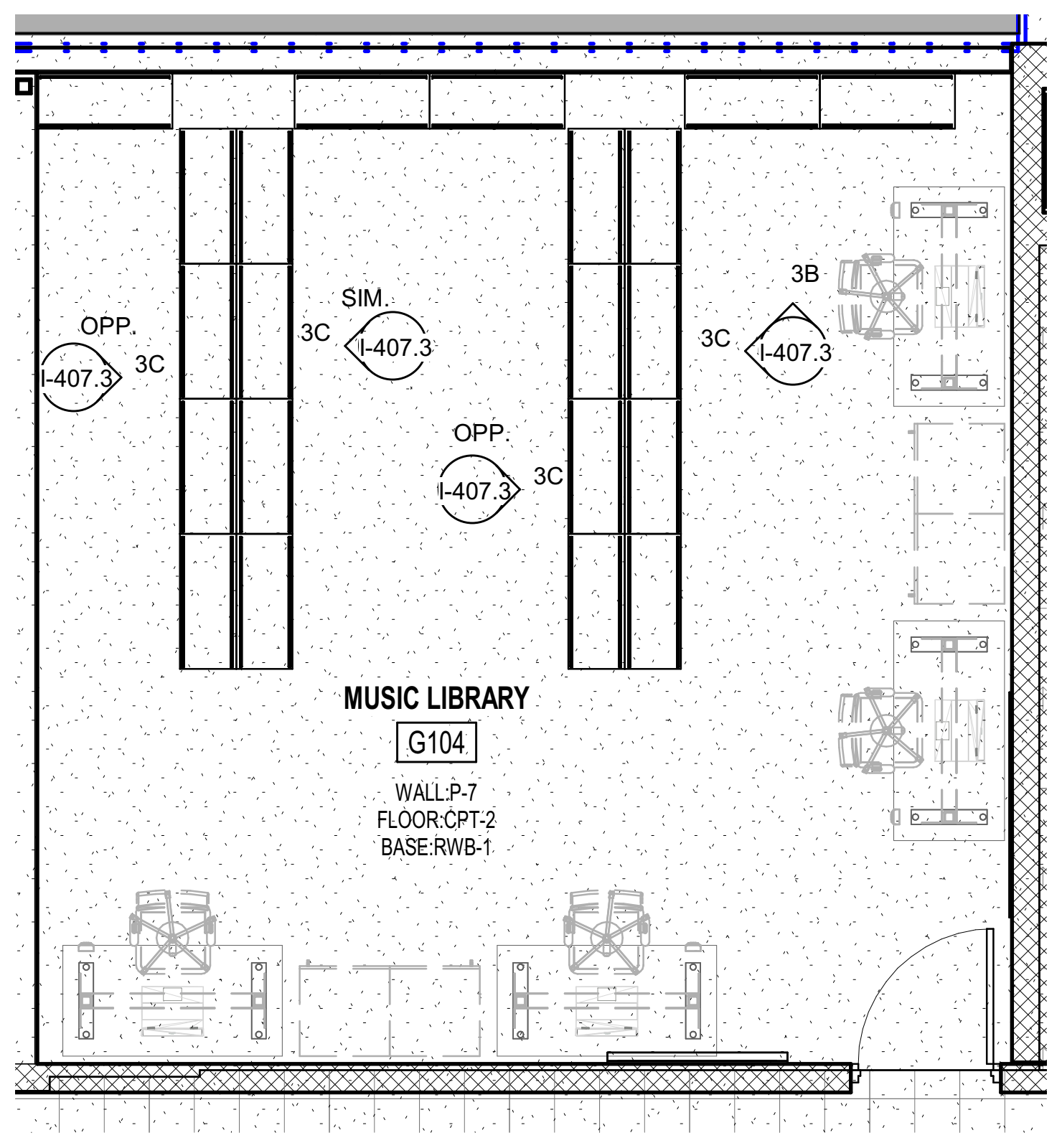


#46
Cabinet size:
27-1/2"w x 29-1/4"d x 85-5/8"h
(699 x 743 x 2175 mm)

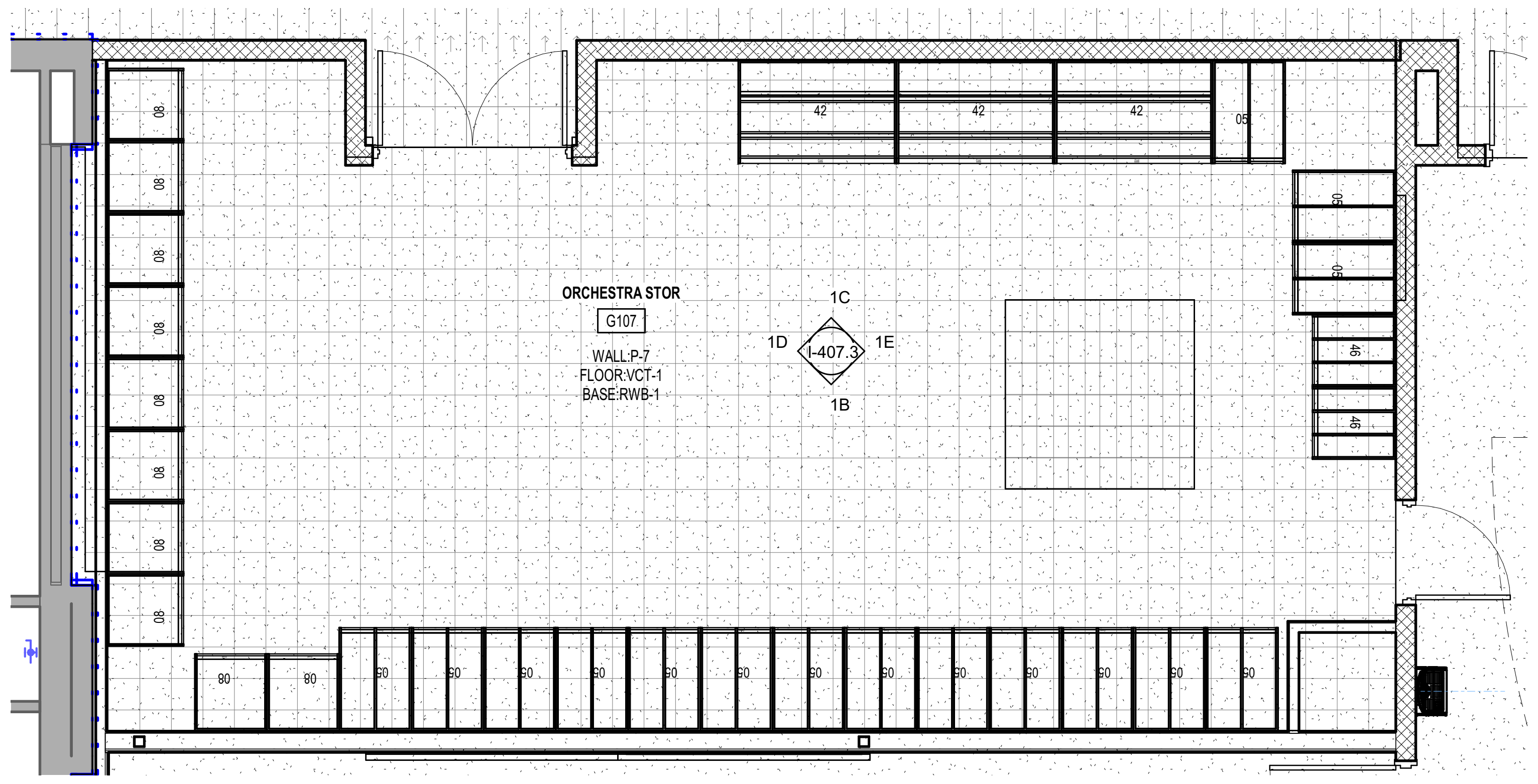
Weight:
308 lb (140 kg)

Compartment sizes:
8"w x 27-3/8"d x 78-1/2"h
(203 x 695 x 1994 mm)

Stores:
flags, 3 contrabassoons or 3 electric guitars



3A UNIT S - MUSIC LIBRARY - ENLARGED PLAN
1/4" = 1'-0"



1A UNIT S- ORCHESTRA CORRIDOR - ENLARGED PLAN
1/4" = 1'-0"

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415 Massachusetts Avenue
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Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced LGK

SARAH KATHLEEN HEMPSTEAD
NO. AR10400134

Sarah K Hempstead

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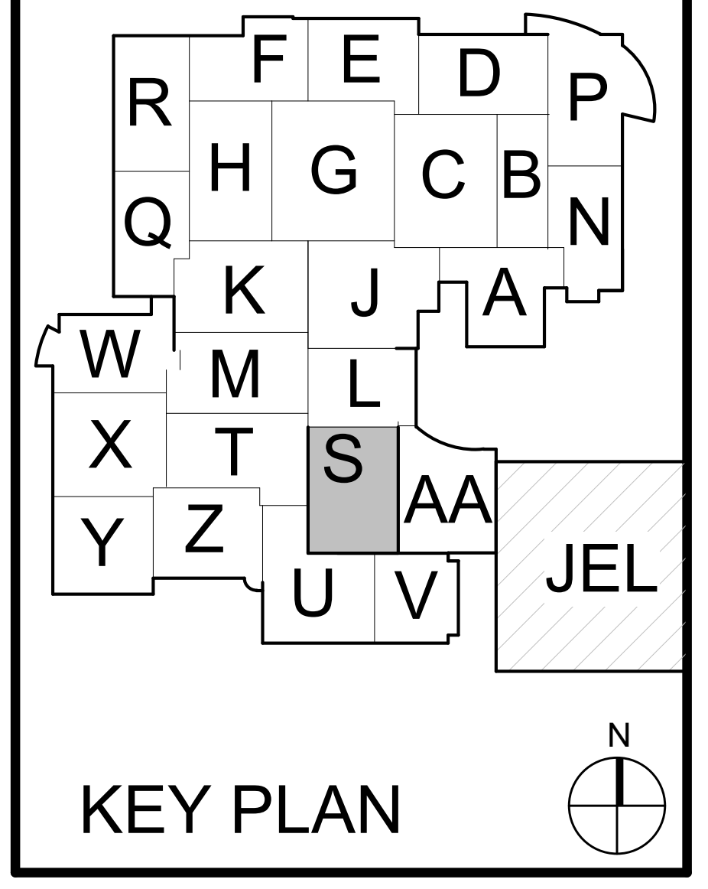
#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

1801 East 86th Street
Indianapolis, IN 46240



KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

INSTRUMENT STORAGE
ENLARGED PLANS

I-407.3

I-407.3_ INSTRUMENT STORAGE ENLARGED PLANS
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
C:_RevitLocal\2019-067.NCH_Sector2_A_2022\2019-067.NCH_Sector2_A_2022_mmiller.rvt
3/21/2023 3:39:54 PM

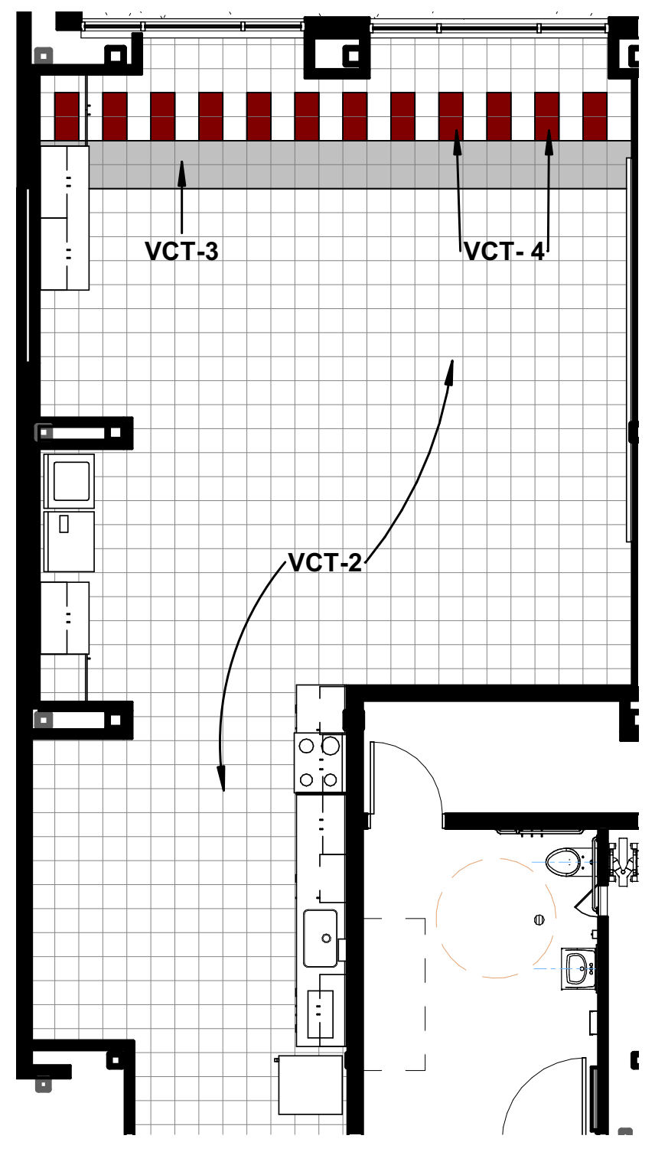
GENERAL FLOOR PATTERN NOTES

REFERENCE A-001 FOR GENERAL PLAN NOTES. ALL NOTES MAY NOT APPLY TO THIS SHEET.

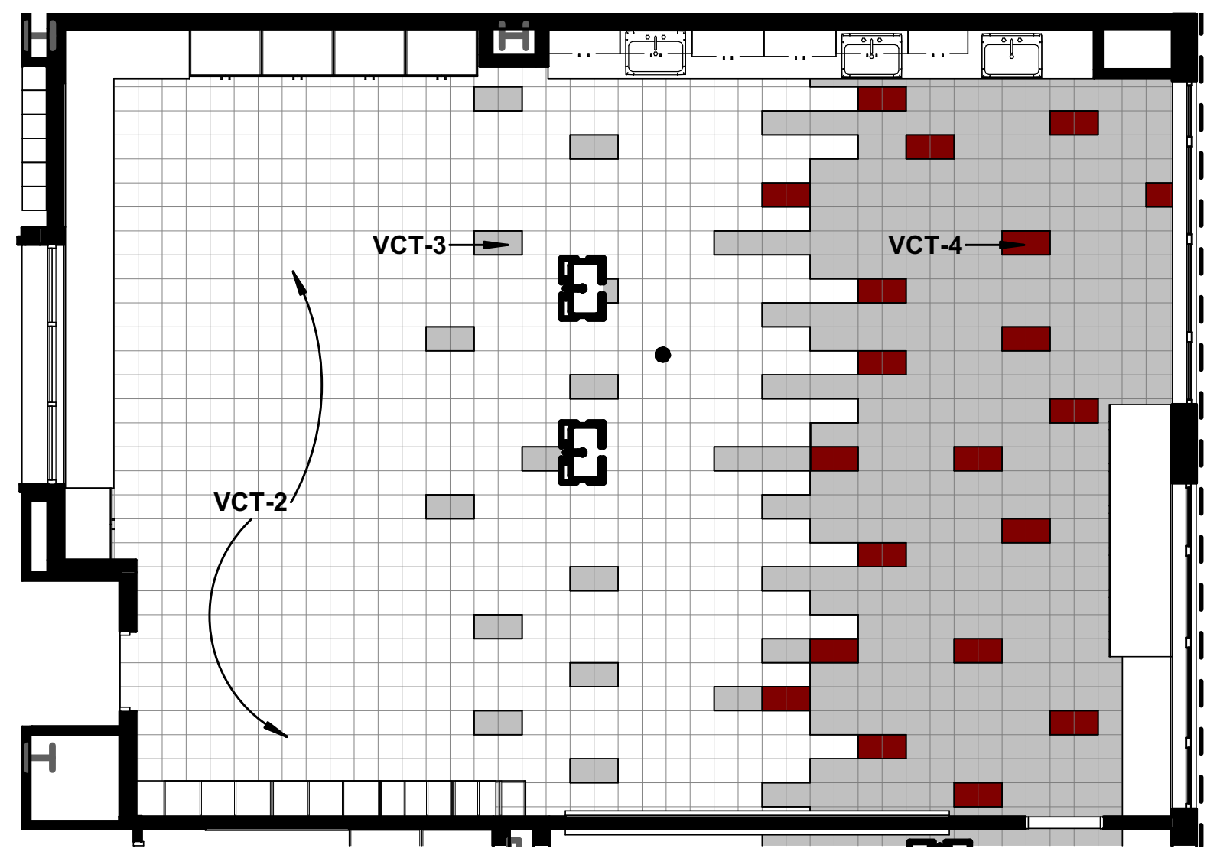
1. COORDINATE ALL EXPANSION JOINTS AND FLOORING TRANSITIONS AS THEY RELATE TO FLOOR PATTERN SHOWN.
2. TRANSITION BETWEEN FLOORING MATERIALS TO OCCUR UNDER CENTERLINE OF DOOR IN CLOSED POSITION.
3. RESINOUS FLOORING, PROVIDE MECHANICALLY FASTENED METAL TRANSITION STRIP AT ALL LOCATIONS WHERE RESINOUS MEETS ADJACENT FLOORING MATERIAL.
4. RESILIENT FLOORING, PROVIDE RESILIENT TRANSITION/REDUCERS WHERE FLOORING TRANSITIONS FROM VCT TILE TO CARPET. REFERENCE SPECIFICATION 09 65 13.
5. PORCELAIN FLOOR TILE, PROVIDE METAL EDGE TRIM WHERE TILE TRANSITIONS FROM PORCELAIN TILE TO RESILIENT TILE. REFERENCE SPECIFICATION 09 30 00.
6. RUBBER STAIR NOSING, PROVIDE RUBBER NOSING TO BE FULL LENGTH OF STAIR TREAD WHERE CARPET MEETS EDGE OF STAIR. REFERENCE SPECIFICATION 09 65 13.
7. RUBBER STAIR TREADS, PROVIDE RUBBER W/ RAISED DISKTREADS TO BE FULL LENGTH OF STAIR TREAD. REFERENCE SPECIFICATION 09 65 13.

FLOOR PATTERN LEGEND

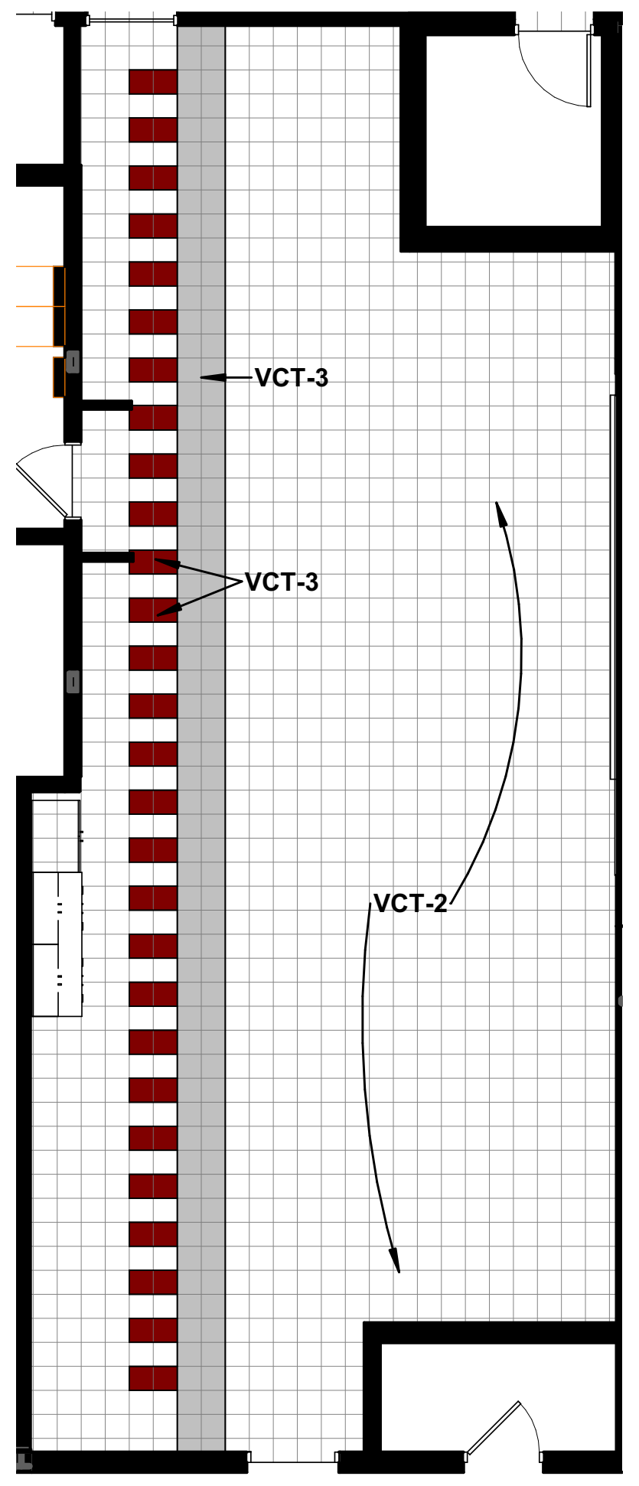
↑	CARPET TILE (CPT-1A) SIZE: 18" X 18" INSTALL: VERTICAL ASHLAR	↑	WALK-OFF CARPET (WOC-1) SIZE: 18" X 18" INSTALL: QUARTER TURN
↑	CARPET TILE (CPT-1) SIZE: 36" X 36" INSTALL: MONOLITHIC	☐	LUXURY VINYL TILE (LVT-1) SIZE: 12"X48" INSTALL: MONOLITHIC
↑	CARPET TILE (CPT-2) SIZE: 36" X 36" INSTALL: MONOLITHIC	▨	LUXURY VINYL TILE (LVT-1) SIZE: 12"X48" INSTALL: MONOLITHIC
▨	CARPET TILE (CPT-3) SIZE: 36" X 36" INSTALL: MONOLITHIC	☐	VINYL TILE (VCT-1,2) SIZE: 12"X12" INSTALL: BASKETWEAVE
↑	CARPET TILE (CPT-4) SIZE: 18" X 18" INSTALL: MONOLITHIC	▨	VINYL TILE (VCT-3) SIZE: 12"X12" INSTALL: DIRECTION OF PATTERN
		🟥	VINYL TILE (VCT-4) SIZE: 12"X12" INSTALL: DIRECTION OF PATTERN



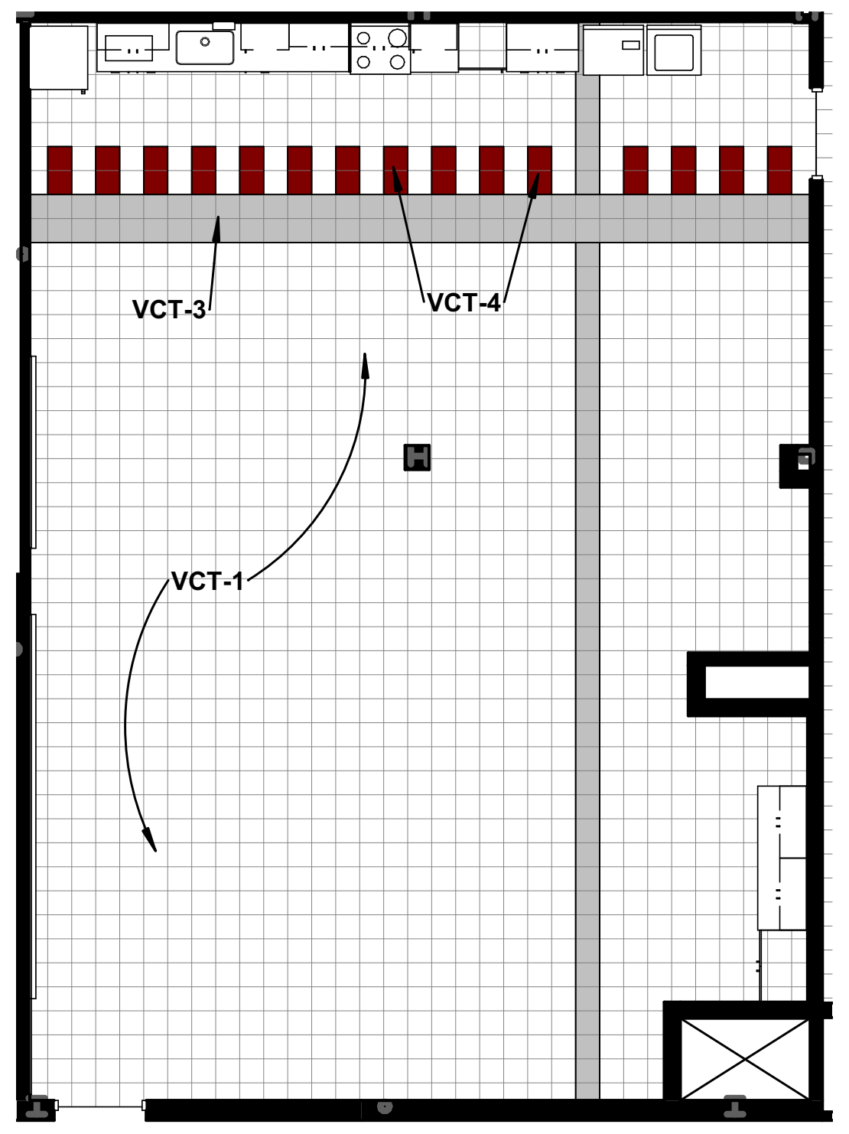
4D TYP. EXTERIOR SPED LIFE SKILLS CLASSROOM FLOOR PATTERN
1/8" = 1'-0"



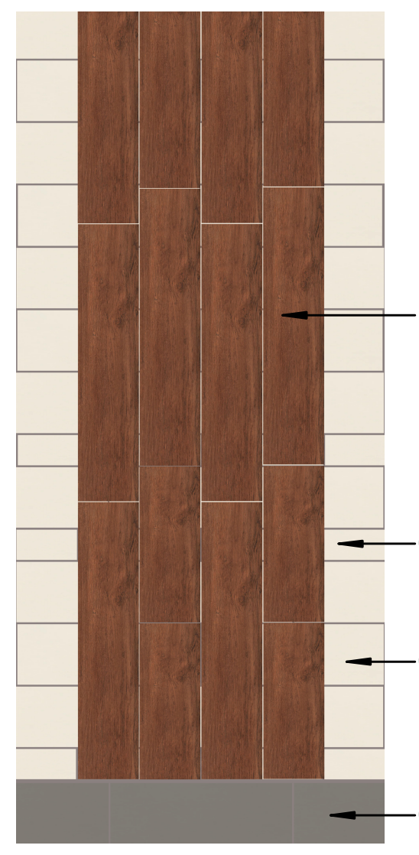
4B TYP. FINE ARTS FLOOR PATTERN
1/8" = 1'-0"



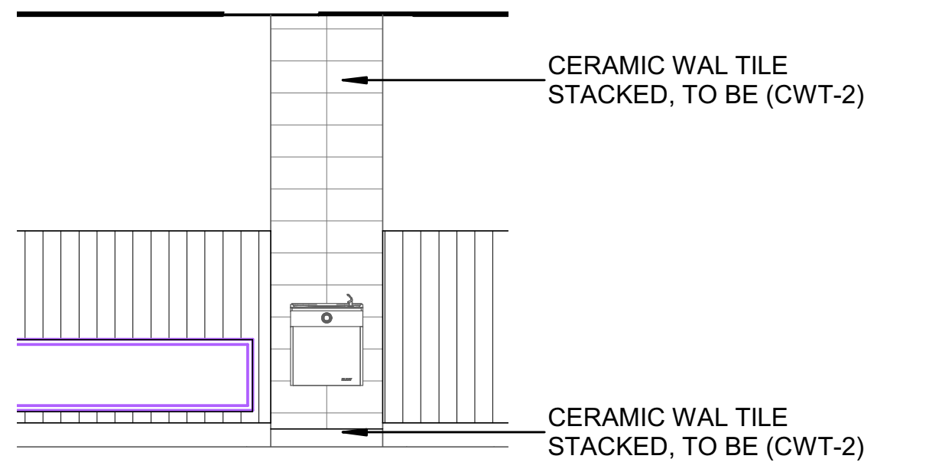
6B TYP. INTERIOR SPED LIFE SKILLS CLASSROOM
1/8" = 1'-0"



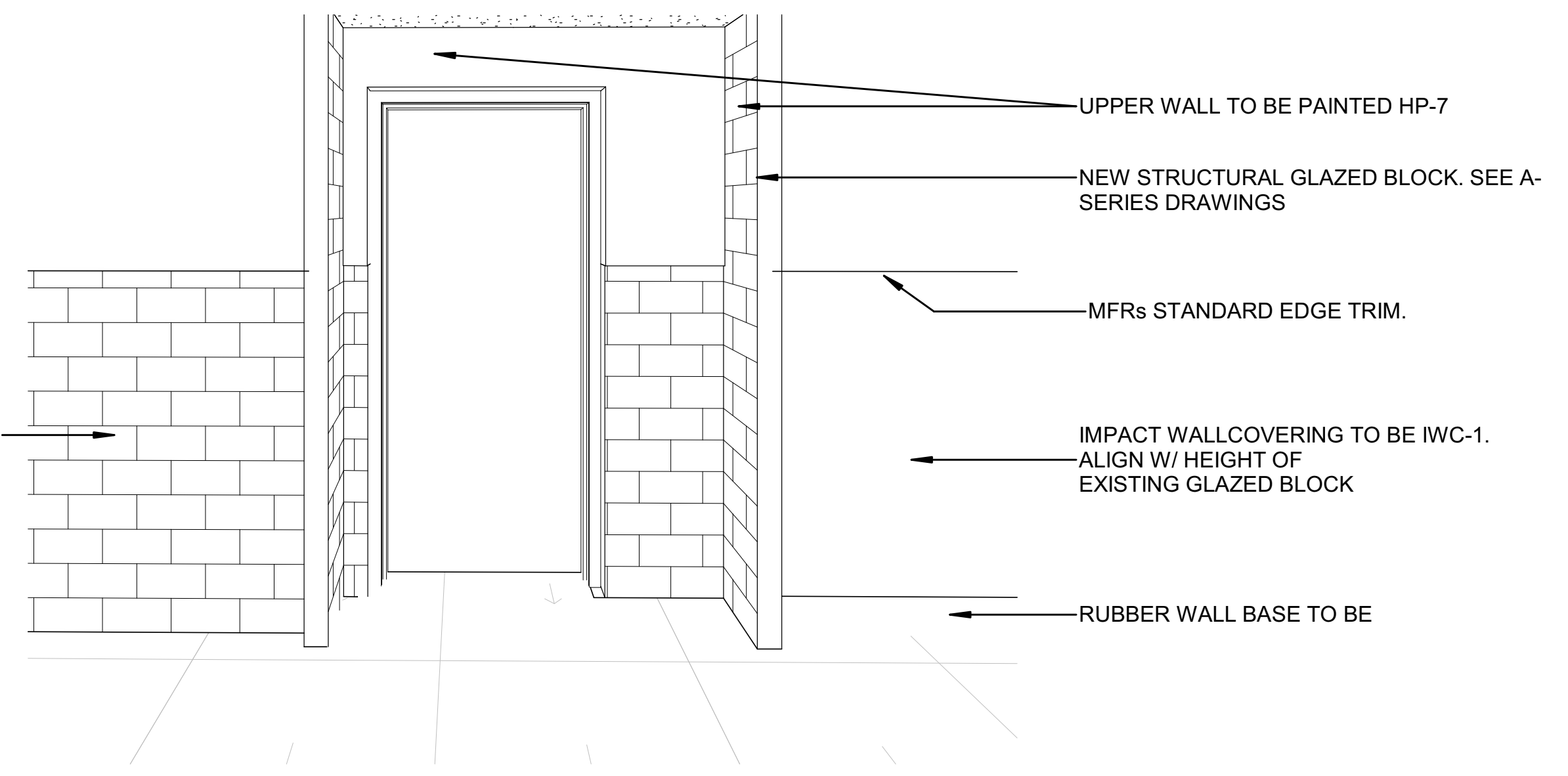
6A TYP. INTERIOR SPED LIFE SKILLS FLOOR PATTERN
1/8" = 1'-0"



2E SERVING LINE - TYP. MARKETPLACE/ PIZZERIA WALL TILE
NOT TO SCALE

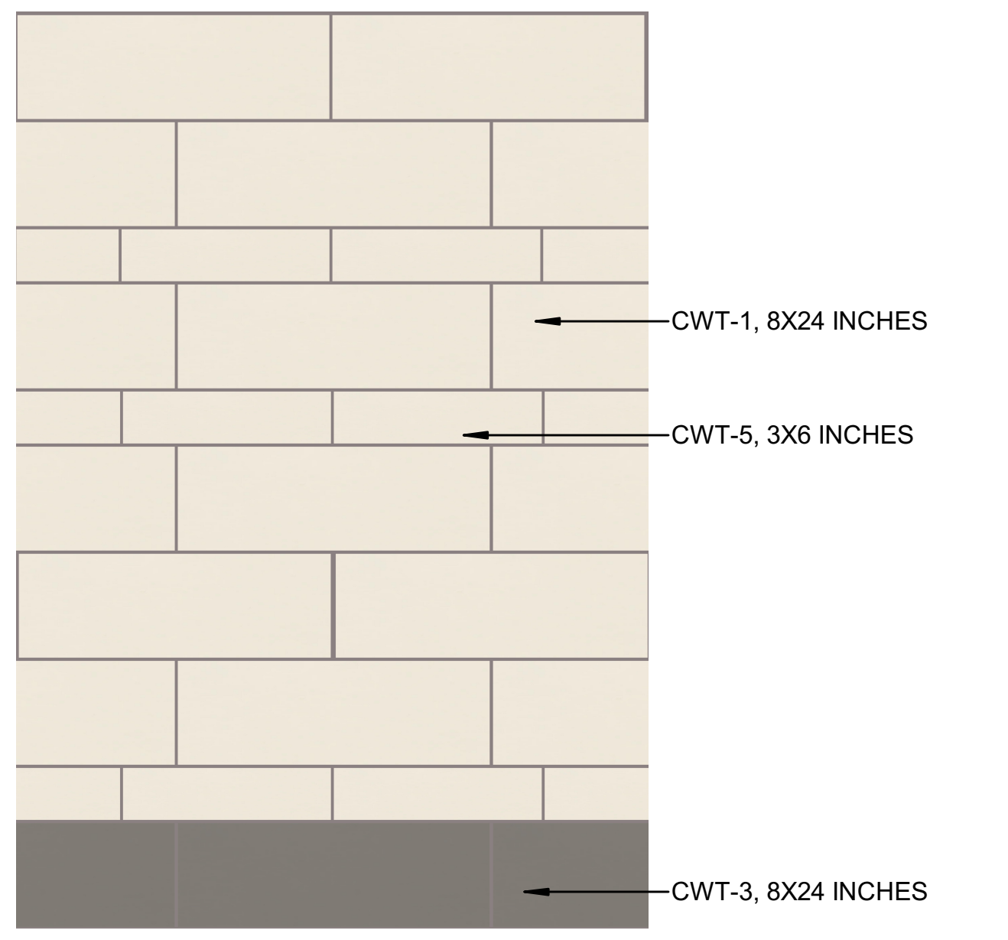


1E DRINKING FOUNTAIN - NEW WALL TILE
1/4" = 1'-0"

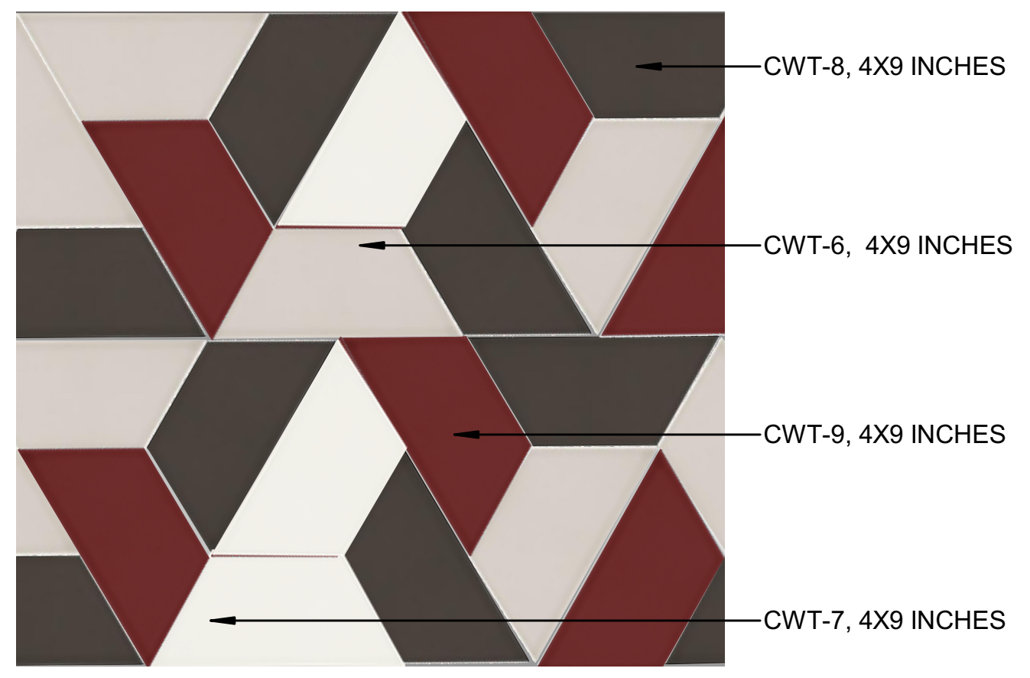


NOTE* ALL WALLS TO RECEIVE RUBBER WALL BASEWHERE NEW FLOOR FINISHES ARE DESIGNATED

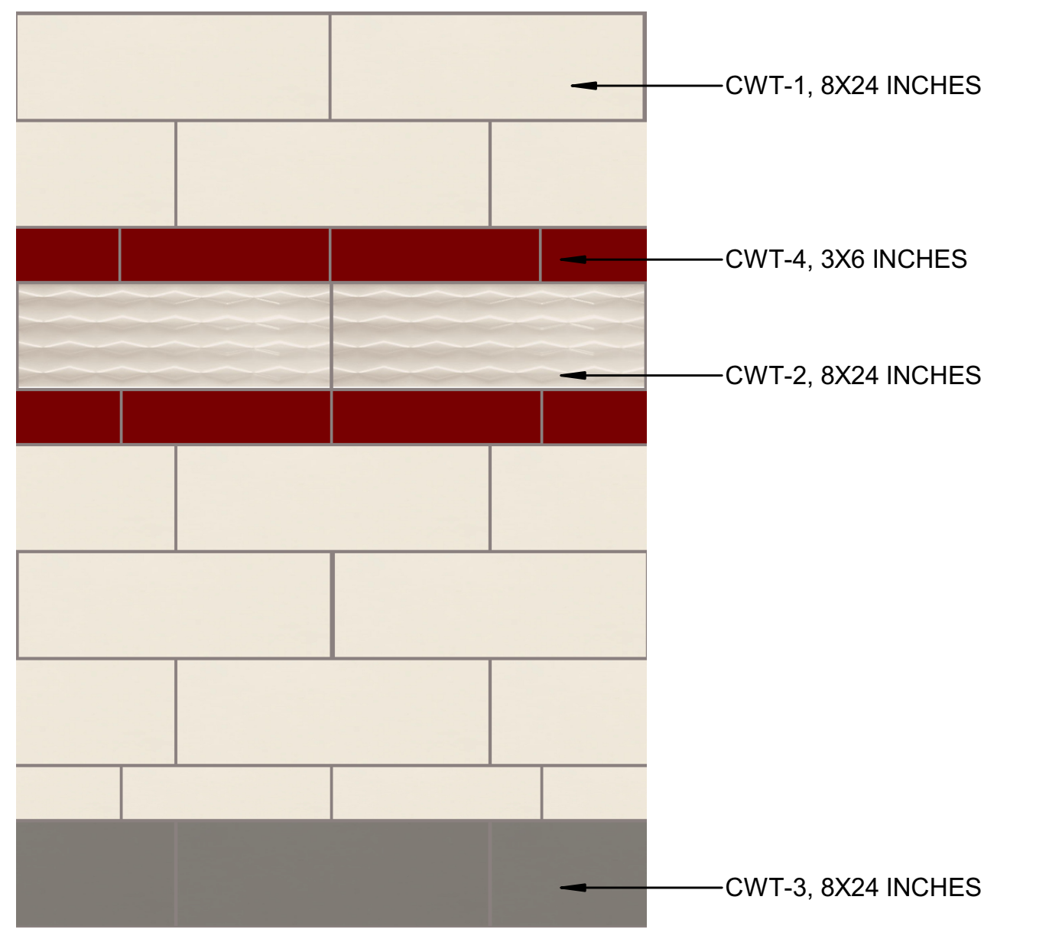
3D INTERIOR CORRIDOR FINISH DETAIL



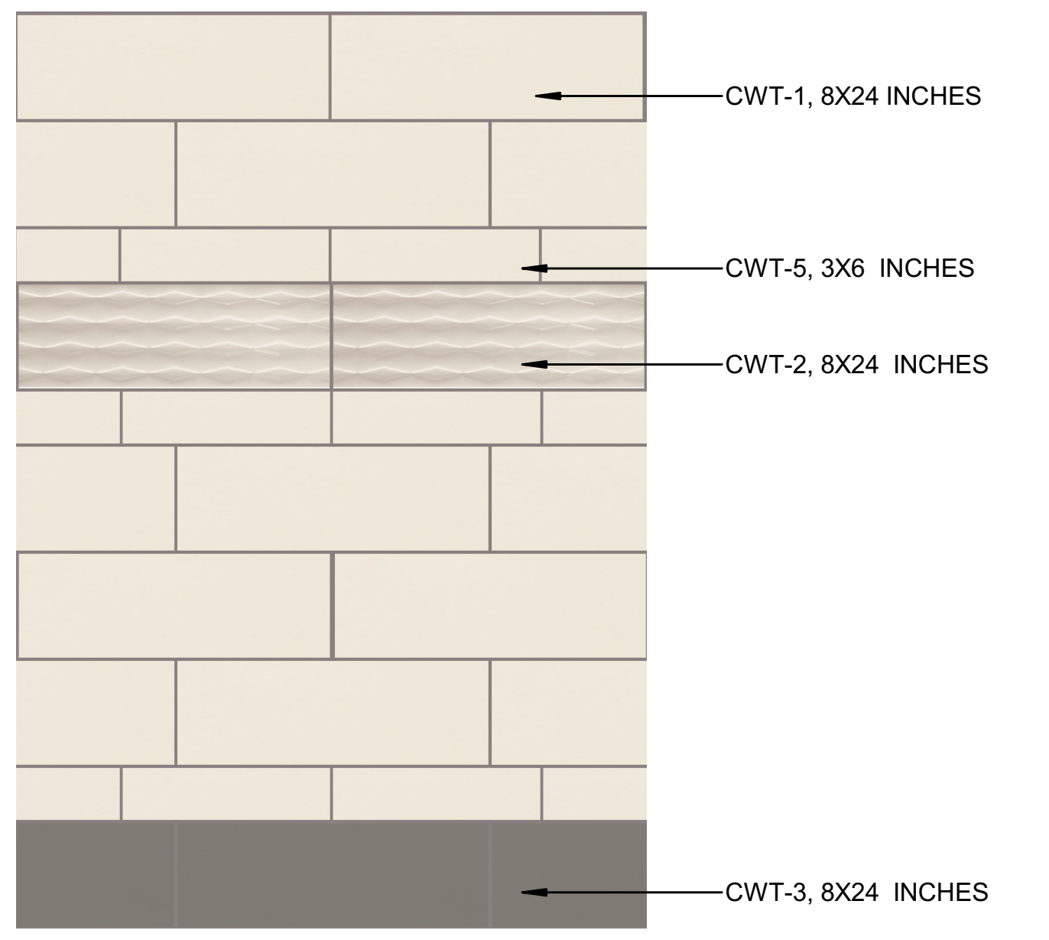
1D CAFETERIA/ CORRIDOR WALL TILE
NOT TO SCALE



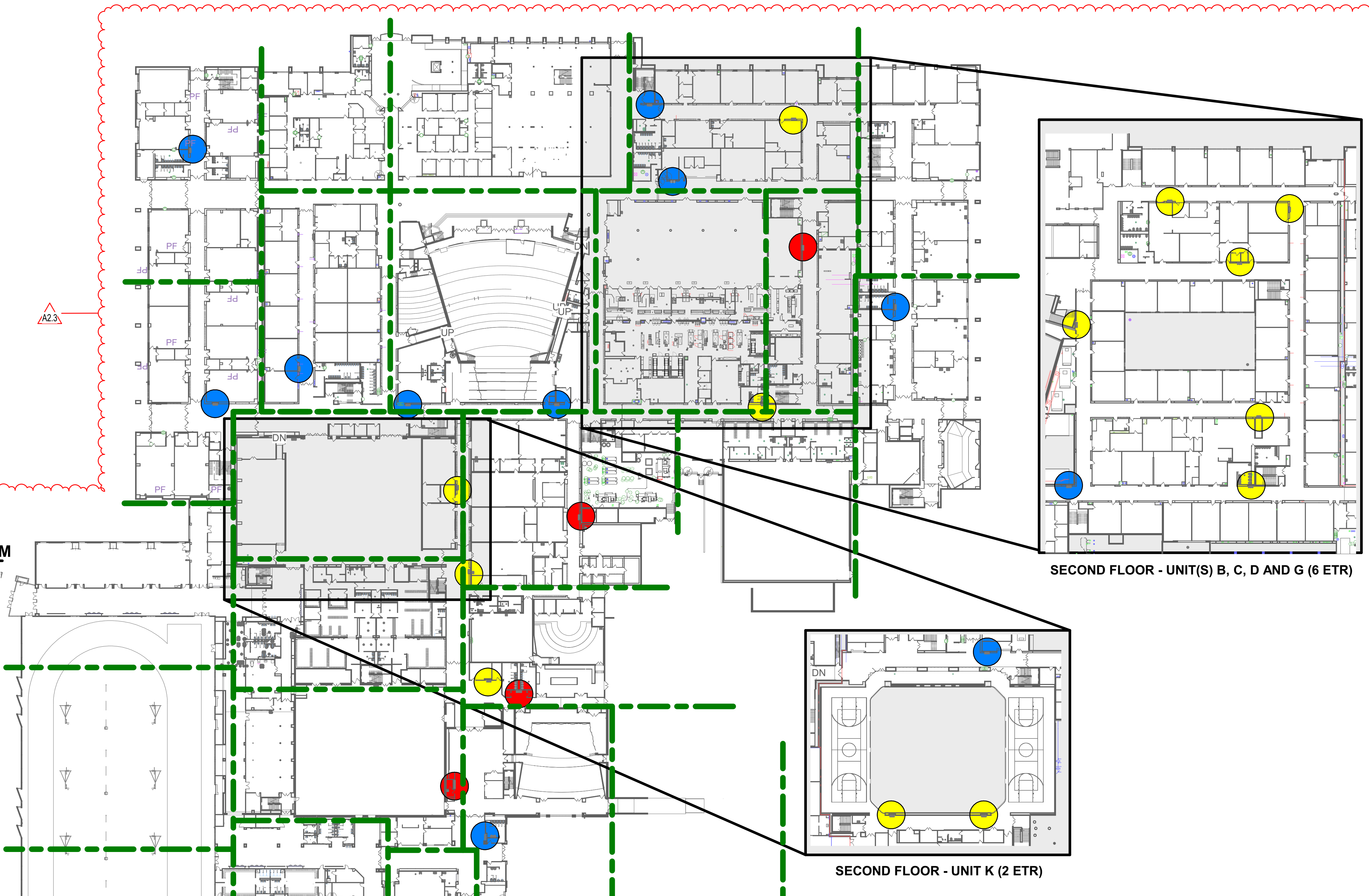
1C CAFETERIA WALL TILE- SENIOR DINING
NOT TO SCALE



1B CAFETERIA WALL TILE- NEUTRAL WITH ACCENT
NOT TO SCALE



1A CAFETERIA WALL TILE - NEUTRAL
NOT TO SCALE



LEGEND

- ● OTHER EXISTING CORRIDOR DRINKING FOUNTAIN LOCATION(S) WITHOUT EXISITING CERAMIC WALL TILE. REFERENCE AIP-SERIES DRAWINGS FOR NEW WORK.
- ● **(ETR)** EXISTING CORRIDOR WALL TILE TO REMAIN. APPLY DEMO NOTES 19 (WHERE APPLICABLE, REF P-SERIES DWG'S) AND 66 **ONLY.** REFERENCE 3A/I-501.3 FOR TYPICAL CONDITIONS.
- ● **(DEMO)** EXISTING CORRIDOR WALL TILE TO BE DEMOLISHED. APPLY DEMO NOTES 19 (WHERE APPLICABLE, REF P-SERIES DWG'S), 44, AND 66. REFERENCE AI-SERIES DWG'S FOR NEW WORK.

THE SCOPE REPRESENTED IN THESE PLANS SUPERCEDES ALL CERAMIC WALL TILE DEMOLITION SCOPE ADJACENT TO CORRIDOR DRINKING FOUNTAINS REPRESENTED IN THE DEMOLITION UNIT PLANS. REFERENCE 3A/I-501.3 FOR TYPICAL CONDITIONS.

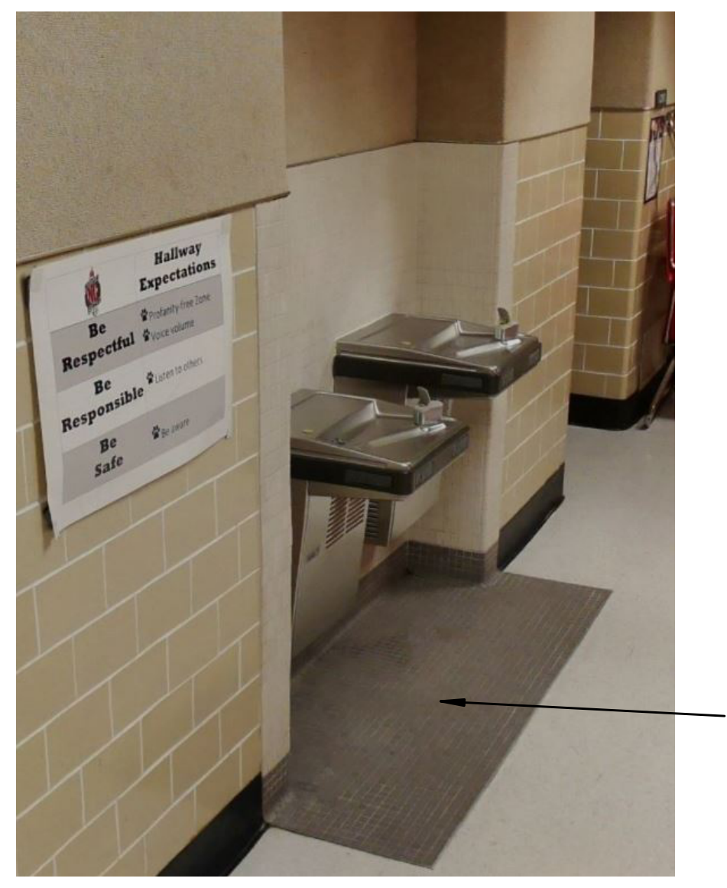
FIRST FLOOR - OVERALL (5 ETR, 4 DEMO)

4A CORRIDOR DRINKING FOUNTAIN TILE PLANS
1/64" = 1'-0"

* SEE 1E/I-501.3 FOR ADDITIONAL INFORMATION

EXISTING MOSAIC FLOOR TILE TO BE REMOVED. SEE I-SERIES FLOOR PLANS FOR NEW FLOOR FINISH

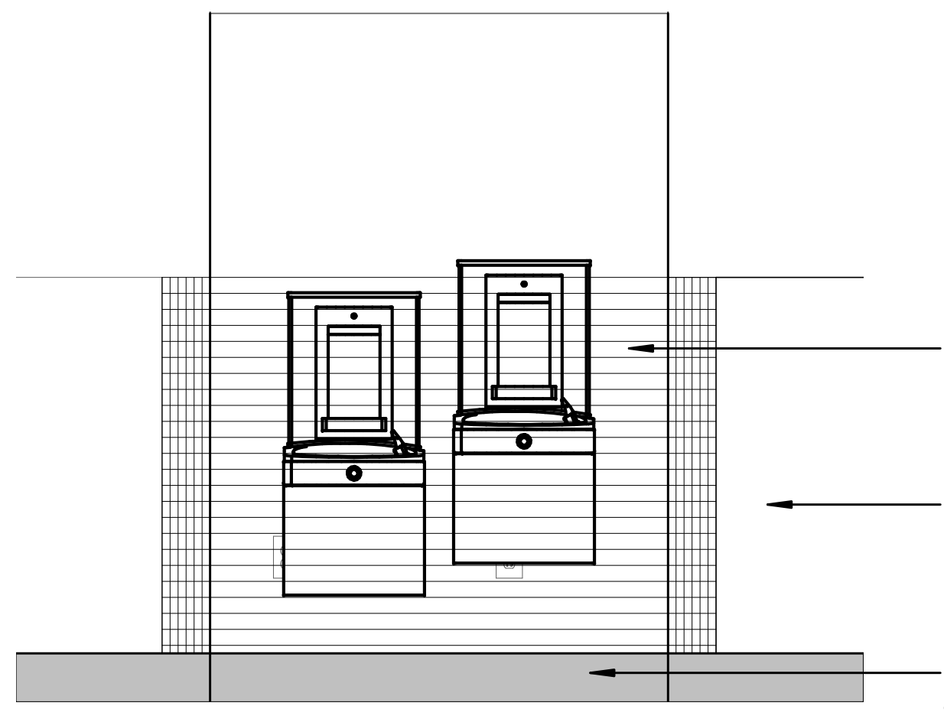
EXISTING DRINKING FOUNTAIN W/ WALLCOVERING



* SEE 1E/I-501.3 FOR ADDITIONAL INFORMATION

EXISTING MOSAIC FLOOR TILE TO BE REMOVED. SEE I-SERIES FLOOR PLANS FOR NEW FLOOR FINISH

EXISTING DRINKING FOUNTAIN W/ STRUCTURAL GLAZED TILE



3A DRINKING FOUNTAIN - EXISTING MOSAIC WALL TILE
NOT TO SCALE

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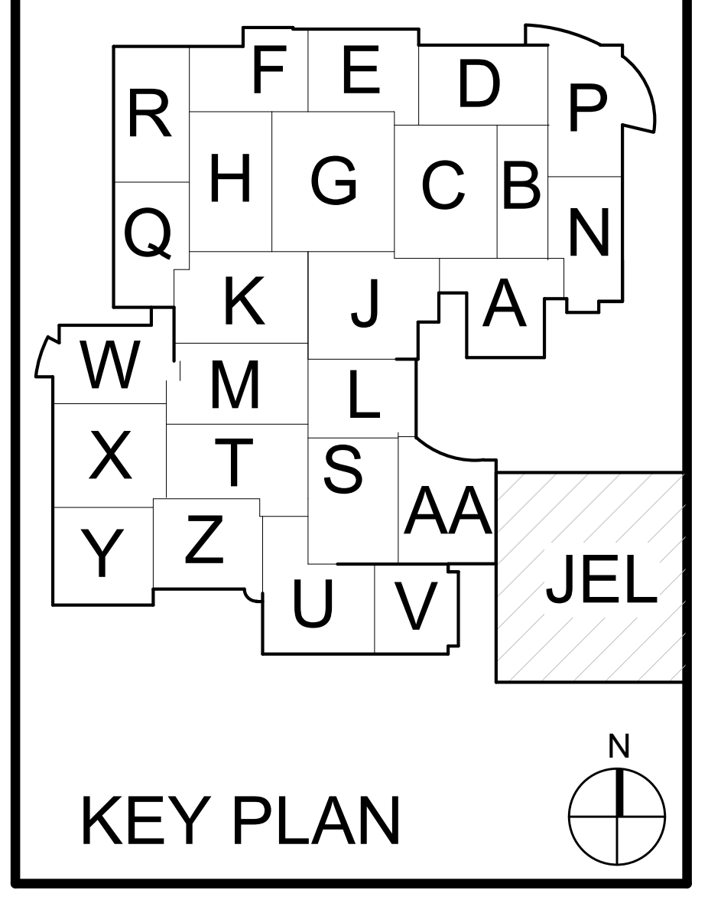
Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced LGK

NO. AR10400134

Sarah K Hempstead

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

1801 East 86th Street
Indianapolis, IN 46240



KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

INTERIOR FINISH DETAILS

I-501.3

I-501.3_ INTERIOR FINISH DETAILS
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
C:_RevitLocal\2019-067.NCH_Sector1_A_2022\2019-067.NCH_Sector1_A_2022_lkeesling.rvt
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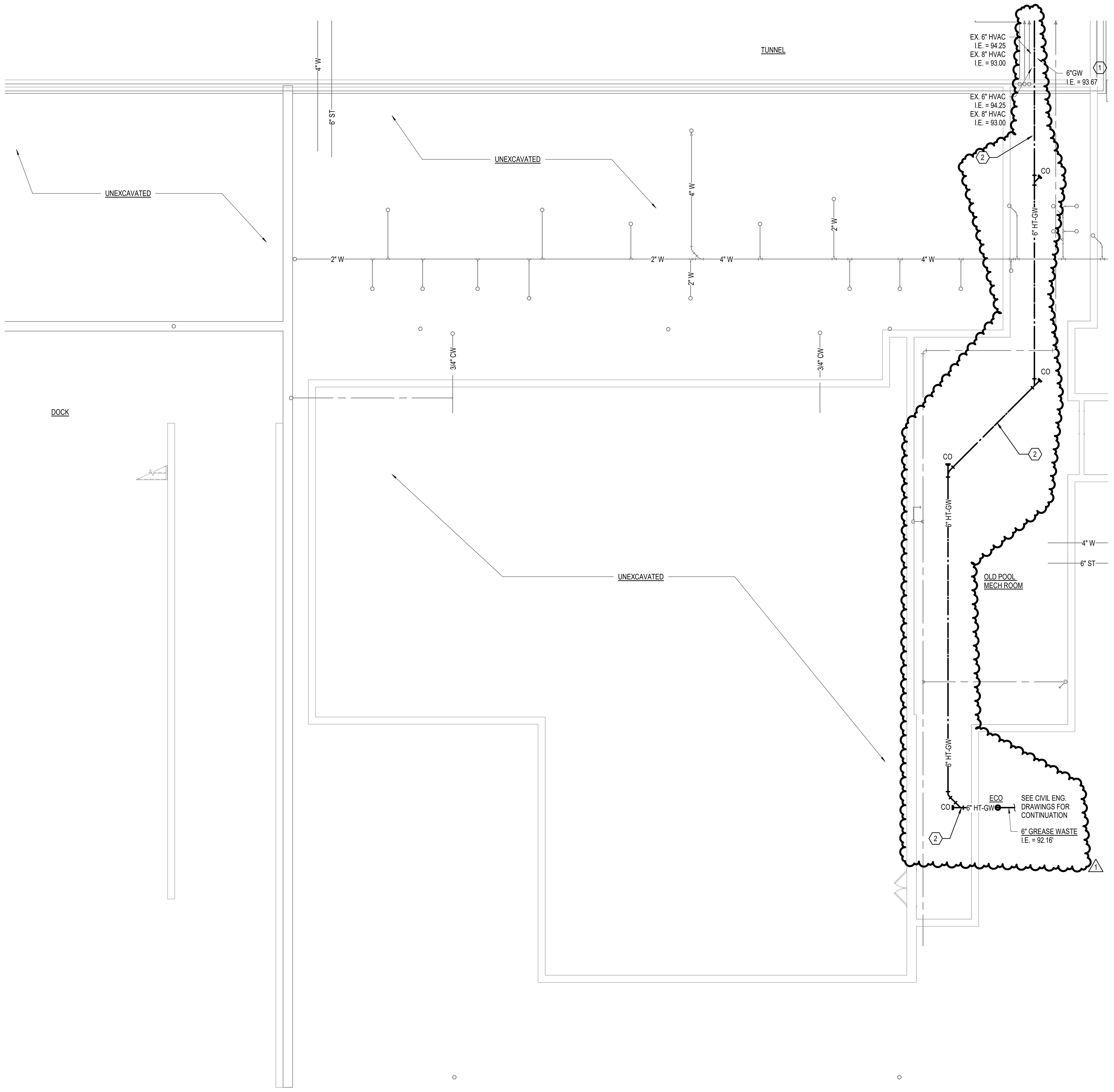

1 FOUNDATION PLUMBING PLAN - UNIT A

1/8" = 1'-0"

GENERAL NOTES

A SAWCUT AND/OR CORE DRILL FLOORS, WALLS, ETC. TO INSTALL NEW PIPE.
B REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR INSTRUCTIONS FOR PATCHING FLOORS.
C REFER TO SPECIFICATIONS FOR PIPE SLEEVE REQUIREMENTS.
D REFER TO ARCHITECTURAL DRAWINGS FOR INSTRUCTIONS FOR REMOVING/REPLACING WALLS, CEILINGS, ETC.
E FOR ALL ELECTRIC WATER COOLER REPLACEMENTS, VERIFY EXISTING ELECTRIC WATER COOLER HAS NOT PREVIOUSLY BEEN REPLACED BY OWNER.
F FOR ALL WATER CLOSETS AND URINALS; VERIFY CONDITION AND OPERATION OF EXISTING FLUSH VALVE AND REPLACE AS NEEDED. REPLACE ALL WATER CLOSET SEATS.

SHEET KEYNOTES

1 CRITICAL ELEVATION POINT OF GW PIPING; 6" GW MUST GO BETWEEN UPPER AND LOWER SETS OF HVAC WATER PIPING. SUGGEST TO BEGIN INSTALLATION OF GW PIPE AT THIS LOCATION AND WORK SLOPING IN BOTH DIRECTIONS FROM HERE TO ENSURE COORDINATION. MODIFY EXISTING PLUMBING PIPING IN THIS E/W SECTION OF THE TUNNEL AS REQUIRED TO ALLOW GW PIPING TO SLOPE PROPERLY AT 1/8" PER FOOT. IF GAS PIPING IS REQUIRED TO BE MODIFIED, COORDINATE GAS SERVICE SHUT-OFF WITH SCHOOL ADMINISTRATION AND MAINTENANCE TEAMS TO ENSURE PROPER PRECAUTIONS ARE TAKEN AND HOT WATER HEATERS/BOILERS/HVAC SYSTEMS ARE MINIMALLY IMPACTED.
2 PROVIDE HEAT TRACE CABLE FOR GREASE WASTE PIPING EXPOSED IN TUNNEL AND OLD POOL MECHANICAL ROOM. HEAT TRACE TO MAINTAIN 85-105 DEG F PIPE TEMPERATURE TO KEEP GREASE WASTE FROM CONGEALING IN PIPE. THERMON FLX SELF-REGULATING HEAT TRACE CABLE OR EQUILAVENT. SEE SPECIFICATION SECTION 22 0533.

1

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Project No.	2019-067.NCH
Project Date	03.03.2023
Bid Set	03
Produced	KC TCC

KBSO #20060
OLUWASEUN ODUKOMAIYA
No. 11300632
3/3/2023

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

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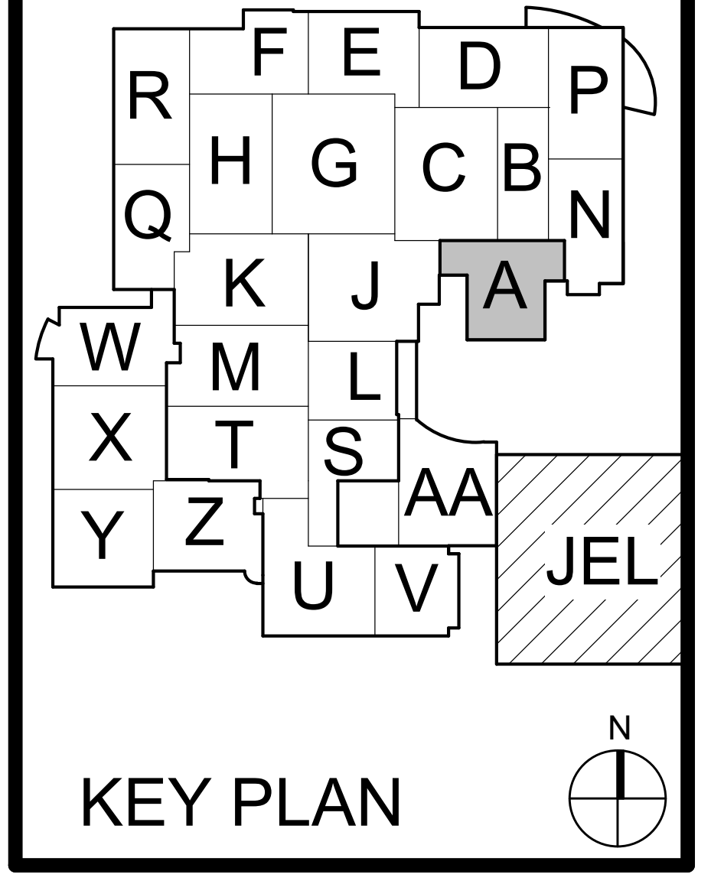


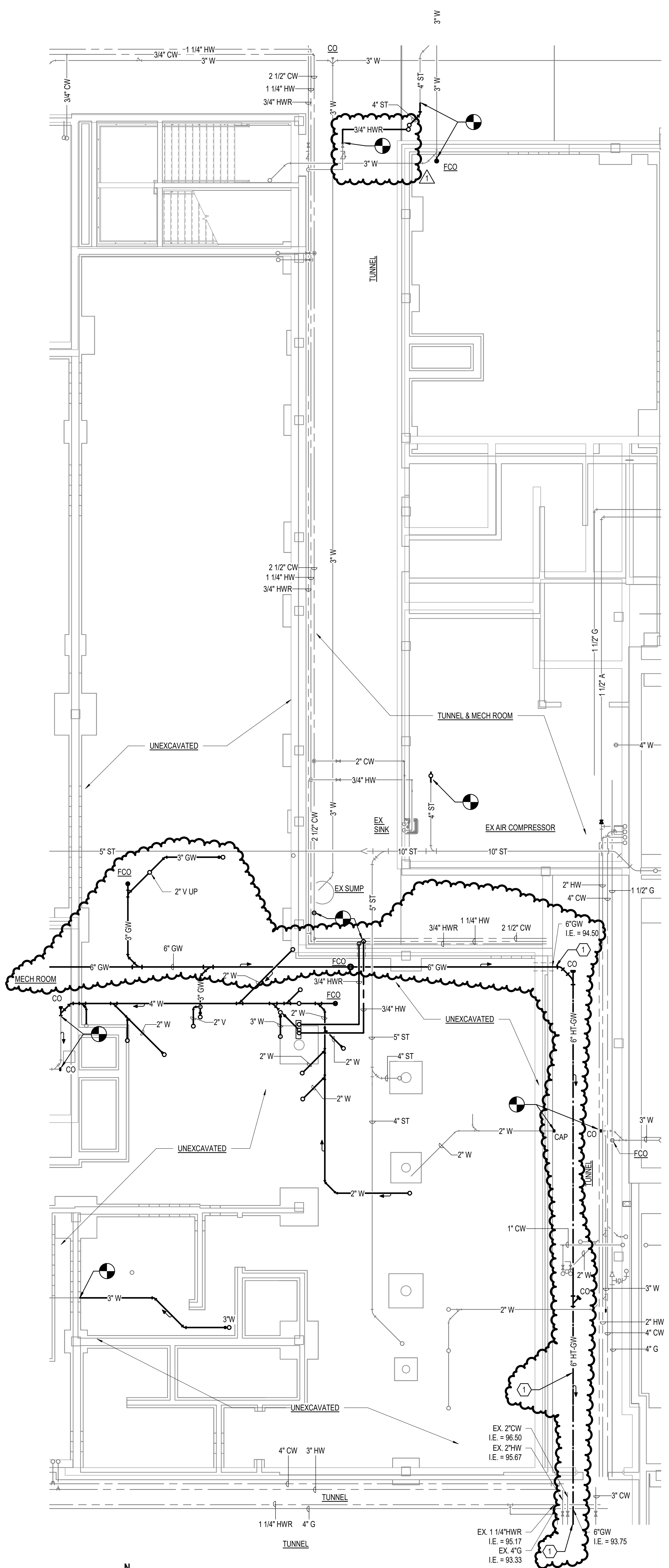
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FOUNDATION PLUMBING PLAN - UNIT A

PF1A0.3



1 FOUNDATION PLUMBING PLAN - UNIT B

1/8" = 1'-0"

N

GENERAL NOTES

A SAWCUT AND/OR CORE DRILL FLOORS, WALLS, ETC. TO INSTALL NEW PIPE.

B REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR INSTRUCTIONS FOR PATCHING FLOORS.

C REFER TO SPECIFICATIONS FOR PIPE SLEEVE REQUIREMENTS.

D REFER TO ARCHITECTURAL DRAWINGS FOR INSTRUCTIONS FOR REMOVING/REPLACING WALLS, CEILINGS, ETC.

E FOR ALL ELECTRIC WATER COOLER REPLACEMENTS, VERIFY EXISTING ELECTRIC WATER COOLER HAS NOT PREVIOUSLY BEEN REPLACED BY OWNER.

F FOR ALL WATER CLOSETS AND URINALS; VERIFY CONDITION AND OPERATION OF EXISTING FLUSH VALVE AND REPLACE AS NEEDED. REPLACE ALL WATER CLOSET SEATS.

SHEET KEYNOTES

1 PROVIDE HEAT TRACE CABLE FOR GREASE WASTE PIPING EXPOSED IN TUNNEL AND OLD POOL MECHANICAL ROOM. HEAT TRACE TO MAINTAIN 85-105 DEG F PIPE TEMPERATURE TO KEEP GREASE WASTE FROM CONGEALING IN PIPE. THERMON FLX SELF-REGULATING HEAT TRACE CABLE OR EQUILAVENT. SEE SPECIFICATION SECTION 22 0533.

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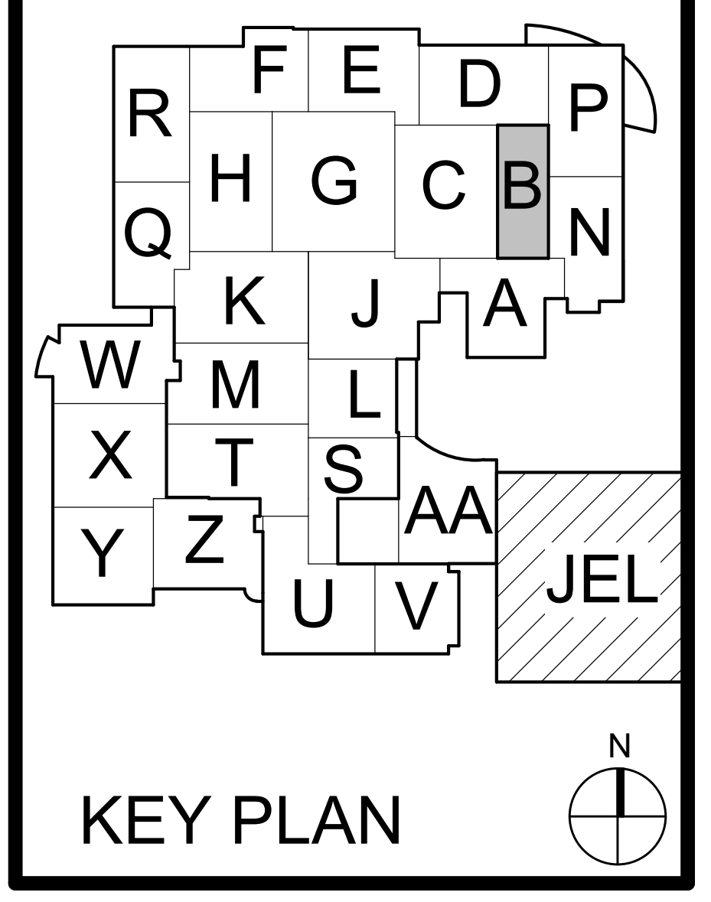

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FOUNDATION PLUMBING PLAN -UNIT B

PF1B0.3

PF1B0.3_ FOUNDATION PLUMBING PLAN -UNIT B
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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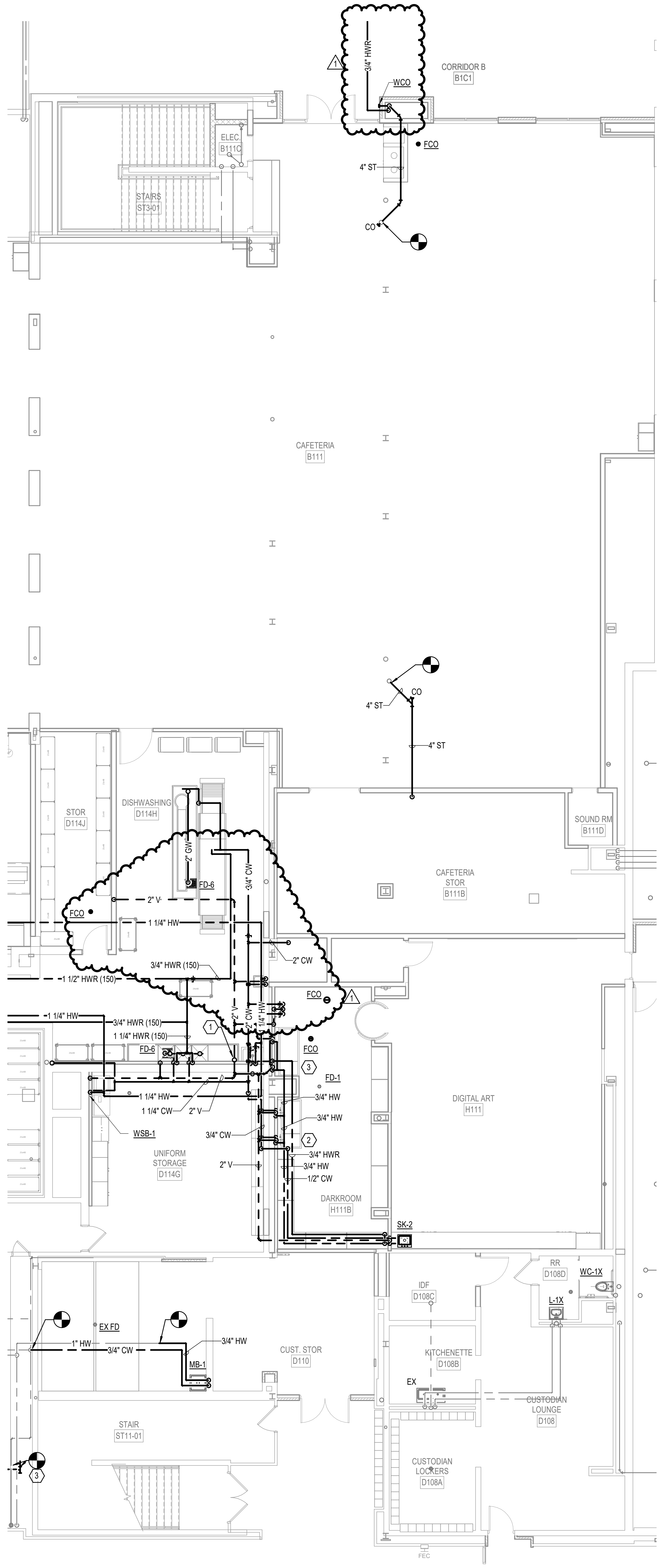

N

1 FIRST FLOOR PLUMBING PLAN - UNIT B

1/8" = 1'-0"

GENERAL NOTES

- A SAWCUT AND/OR CORE DRILL FLOORS, WALLS, ETC. TO INSTALL NEW PIPE.
- B REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR INSTRUCTIONS FOR PATCHING FLOORS.
- C REFER TO SPECIFICATIONS FOR PIPE SLEEVE REQUIREMENTS.
- D REFER TO ARCHITECTURAL DRAWINGS FOR INSTRUCTIONS FOR REMOVING/REPLACING WALLS, CEILINGS, ETC.
- E FOR ALL ELECTRIC WATER COOLER REPLACEMENTS, VERIFY EXISTING ELECTRIC WATER COOLER HAS NOT PREVIOUSLY BEEN REPLACED BY OWNER.
- F FOR ALL WATER CLOSETS AND URINALS; VERIFY CONDITION AND OPERATION OF EXISTING FLUSH VALVE AND REPLACE AS NEEDED. REPLACE ALL WATER CLOSET SEATS.

SHEET KEYNOTES

1. 2" V UP, 4" VENT THRU ROOF.
2. RELOCATED DARK ROOM PHOTO PROCESSING SINK WITH ONE RELOCATED FAUCET. PROVIDE ONE NEW FAUCET, CHICAGO W4D-DB6AE1-317ABCP. 1/2" CW AND 1/2" HW TO EACH FAUCET, 2" WASTE CONNECTION.
3. NEW DARK ROOM PHOTO PROCESSING SINK, ARKAY PREMIUM STAINLESS STEEL PHOTO PROCESSING SINK SERIES SQ, MODEL ARSQ30726, 30" DEPTH, 72" LENGTH, 6" DEEP. PROVIDE TWO NEW FAUCET, CHICAGO W4D-DB6AE1-317ABCP. 1/2" CW AND 1/2" HW TO EACH FAUCET, 2" WASTE CONNECTION.

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A2.3	ADDENDUM 2.3	03.22.2023

1801 East 86th Street
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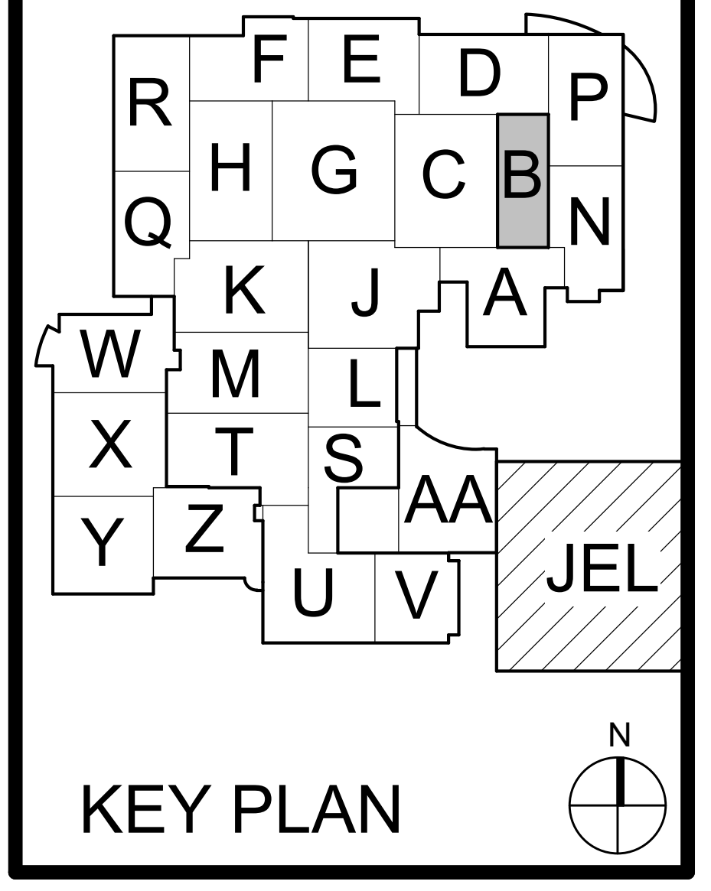

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR PLUMBING PLAN - UNIT B

PF1B1.3

PF1B1.3_ FIRST FLOOR PLUMBING PLAN - UNIT B
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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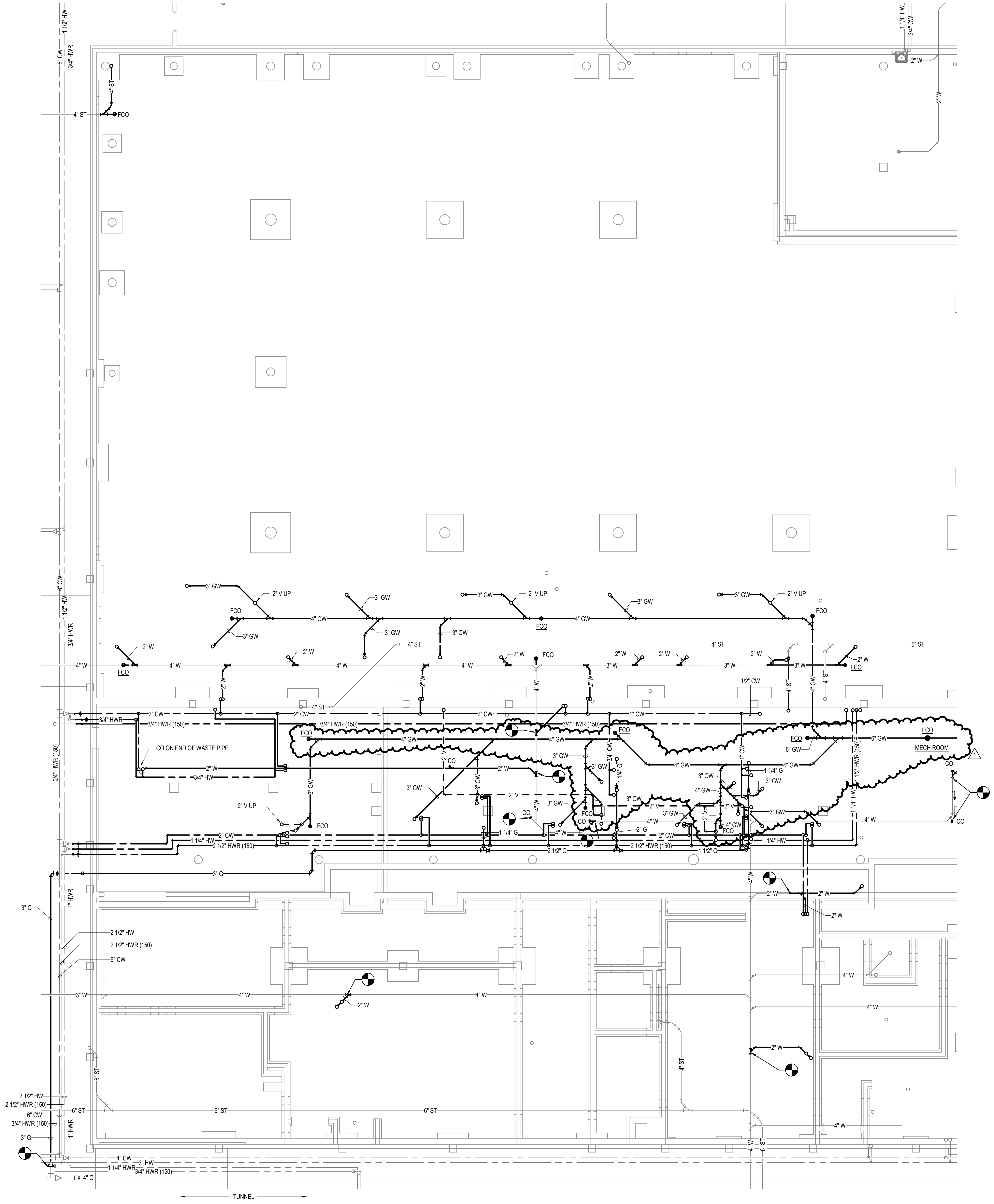

N

1 FOUNDATION PLUMBING PLAN - UNIT C

1/8" = 1'-0"

GENERAL NOTES

- A SAWCUT AND/OR CORE DRILL FLOORS, WALLS, ETC. TO INSTALL NEW PIPE.
- B REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR INSTRUCTIONS FOR PATCHING FLOORS.
- C REFER TO SPECIFICATIONS FOR PIPE SLEEVE REQUIREMENTS.
- D REFER TO ARCHITECTURAL DRAWINGS FOR INSTRUCTIONS FOR REMOVING/REPLACING WALLS, CEILINGS, ETC.
- E FOR ALL ELECTRIC WATER COOLER REPLACEMENTS, VERIFY EXISTING ELECTRIC WATER COOLER HAS NOT PREVIOUSLY BEEN REPLACED BY OWNER.
- F FOR ALL WATER CLOSETS AND URINALS; VERIFY CONDITION AND OPERATION OF EXISTING FLUSH VALVE AND REPLACE AS NEEDED. REPLACE ALL WATER CLOSET SEATS.

⬡ SHEET KEYNOTES

KITCHEN NOTE: SEE KITCHEN VENDOR DRAWINGS FOR EQUIPMENT AND EQUIPMENT PLUMBING CONNECTION SIZES. COORDINATE WITH VENDOR ON FINAL EQUIPMENT, SIZE REQUIREMENTS, AND CONNECTION LOCATIONS.

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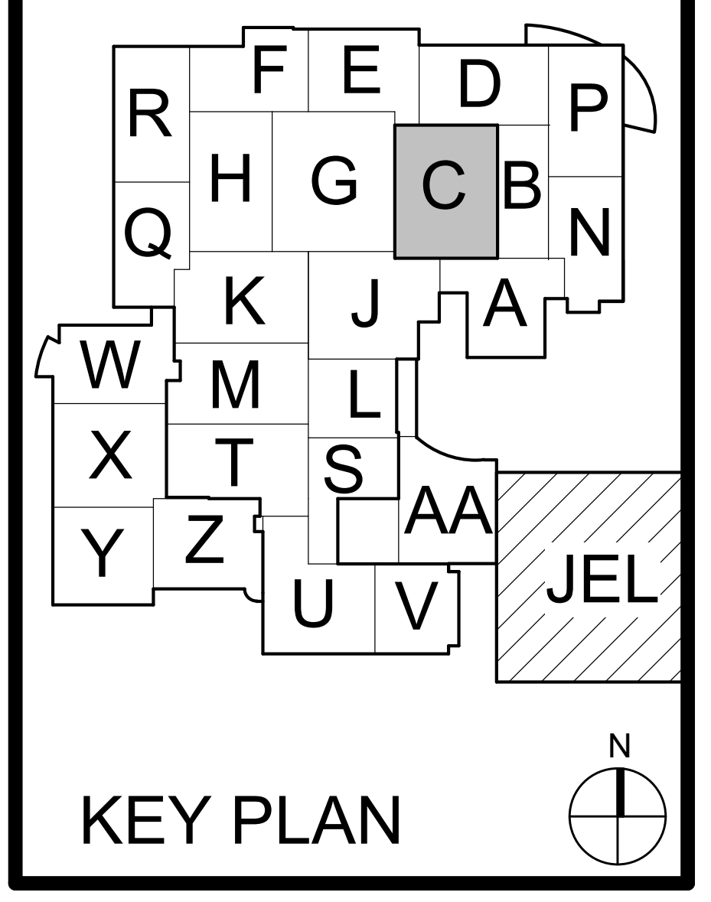

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FOUNDATION PLUMBING PLAN - UNIT C

PF1C0.3

PF1C0.3_ FOUNDATION PLUMBING PLAN - UNIT C
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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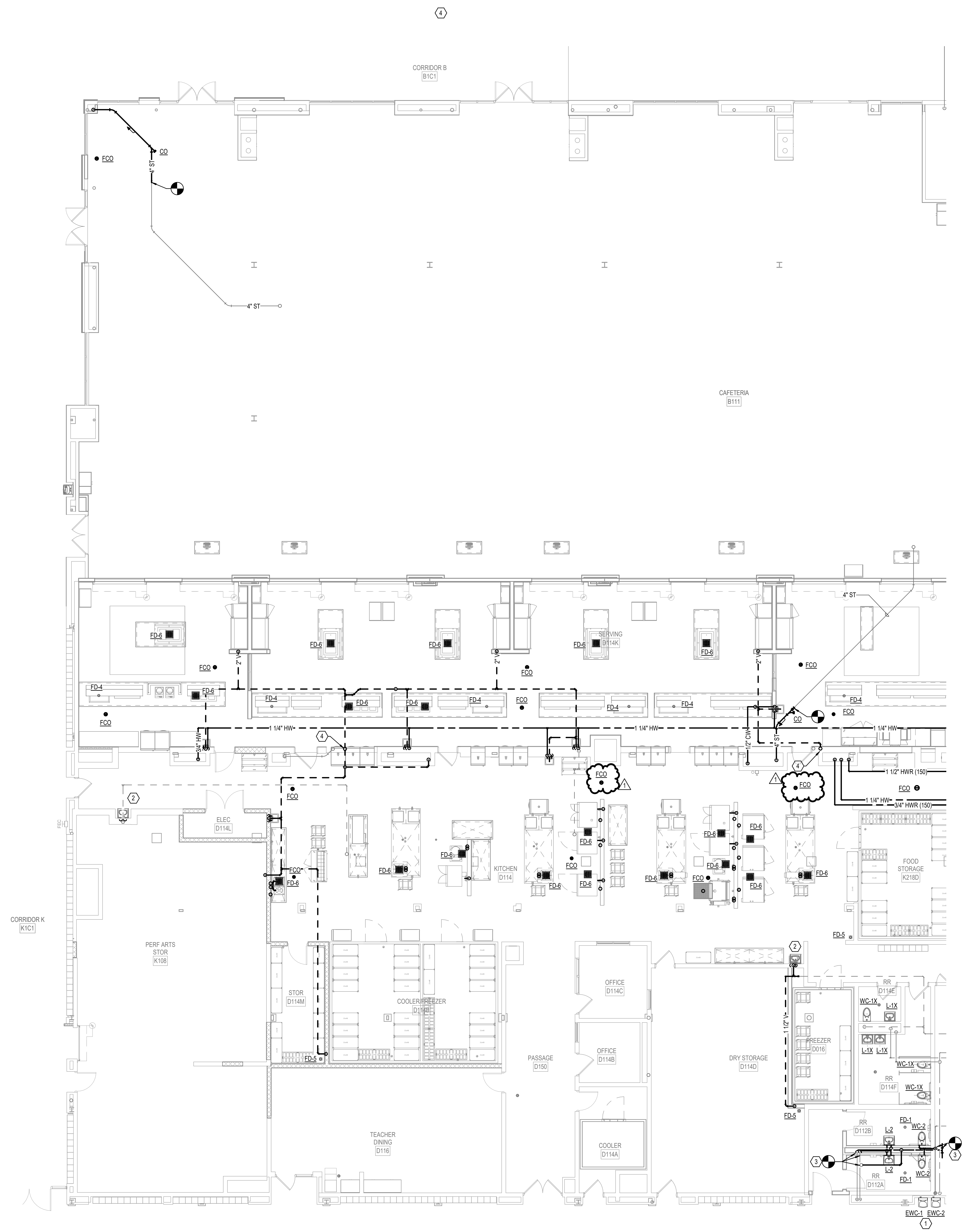

N

① FIRST FLOOR PLUMBING PLAN - UNIT C

1/8" = 1'-0"

GENERAL NOTES

A SAWCUT AND/OR CORE DRILL FLOORS, WALLS, ETC. TO INSTALL NEW PIPE.

B REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR INSTRUCTIONS FOR PATCHING FLOORS.

C REFER TO SPECIFICATIONS FOR PIPE SLEEVE REQUIREMENTS.

D REFER TO ARCHITECTURAL DRAWINGS FOR INSTRUCTIONS FOR REMOVING/REPLACING WALLS, CEILINGS, ETC.

E FOR ALL ELECTRIC WATER COOLER REPLACEMENTS, VERIFY EXISTING ELECTRIC WATER COOLER HAS NOT PREVIOUSLY BEEN REPLACED BY OWNER.

F FOR ALL WATER CLOSETS AND URINALS; VERIFY CONDITION AND OPERATION OF EXISTING FLUSH VALVE AND REPLACE AS NEEDED. REPLACE ALL WATER CLOSET SEATS.

SHEET KEYNOTES

1 PROVIDE NEW WATER COOLERS, EWC-1 & EWC-2. RECONNECT TO EXISTING CW AND WASTE PIPING.

2 EXTEND NEW CW, HW, AND WASTE PIPING TO RE-FEED EXISTING PLUMBING FIXTURE.

3 EXTEND HW AND CW PIPING FROM EXISTING LAVATORY LOCATION INTO CHASE FOR NEW LAVS. CONNECT CW SUPPLY FOR WATER CLOSETS TO CW MAIN IN EXISTING CHASE. ROUTE 2" W DOWN FROM LAVS ABOVE INTO NEW CHASE AND CONNECT TO NEW WASTE PIPING SERVING LAVS AND WATER CLOSETS. CONNECT NEW 4" WASTE TO EXISTING WASTE HEADER IN CHASE.

4 2" V UP, 4" VENT THRU ROOF.

KITCHEN NOTE: SEE KITCHEN VENDOR DRAWINGS FOR EQUIPMENT AND EQUIPMENT PLUMBING CONNECTION SIZES. COORDINATE WITH VENDOR ON FINAL EQUIPMENT, SIZE REQUIREMENTS, AND CONNECTION LOCATIONS.

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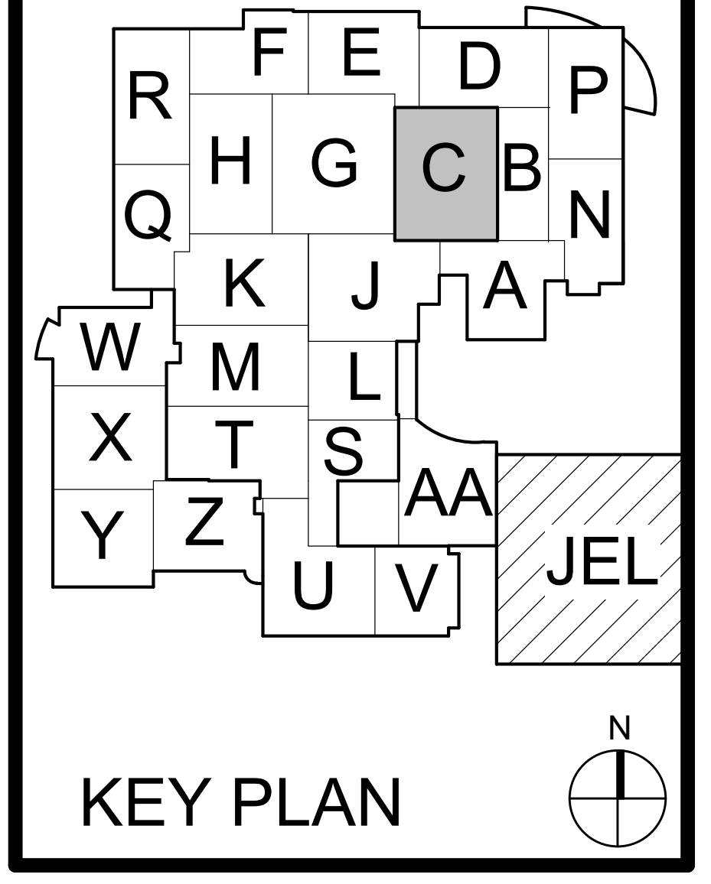
Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced KC TCC

OLUWASEUN ODUKOMAIYA
No. 11300632
KBSO #20060
3/3/2023

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

1801 East 86th Street
Indianapolis, IN 46240



KEY PLAN

M.S.D. of Washington
Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR PLUMBING
PLAN - UNIT C

PF1C1.3

GENERAL NOTES

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SHEET KEYNOTES

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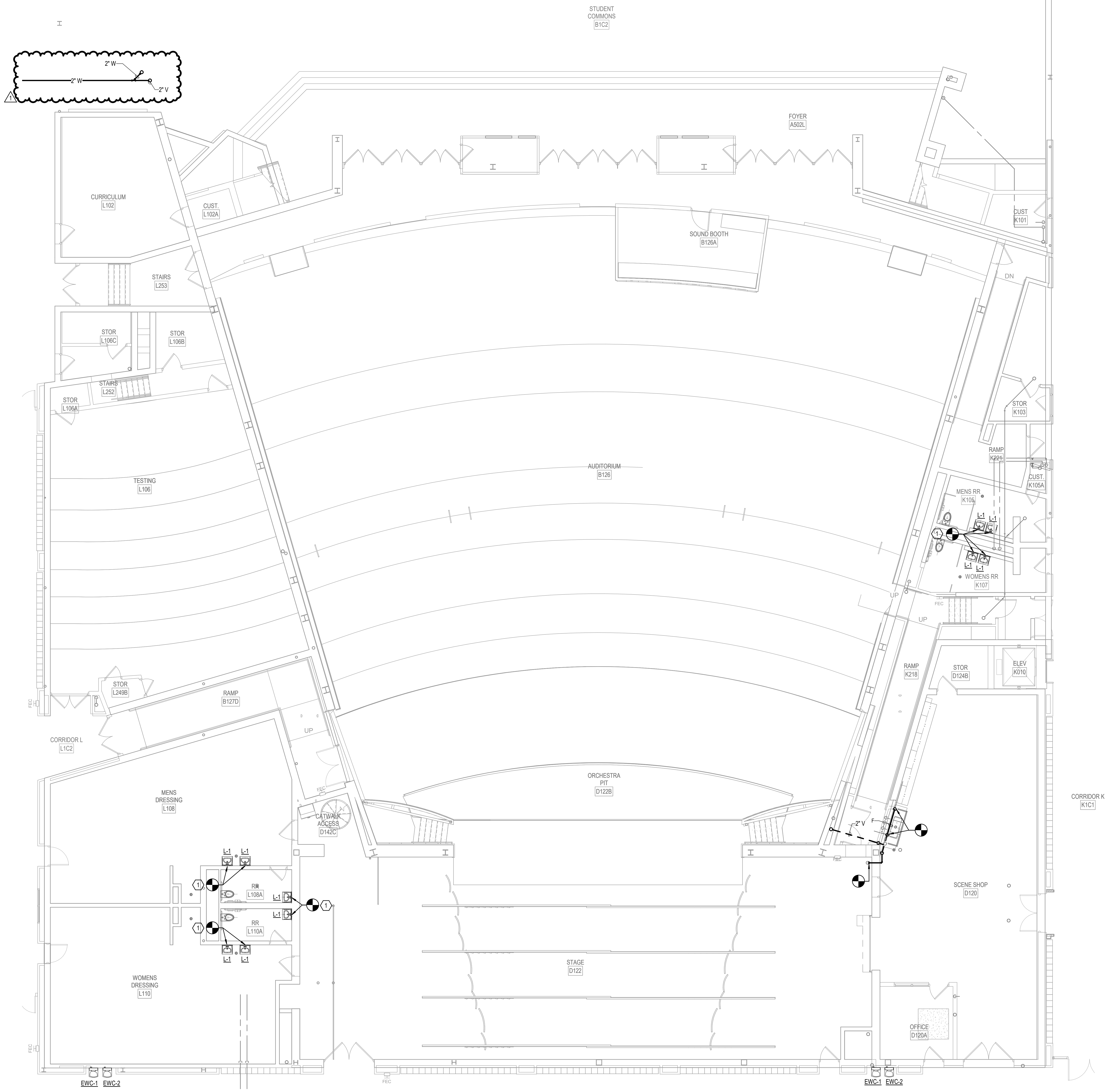

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1 FIRST FLOOR PLUMBING PLAN - UNIT G

1/8" = 1'-0"

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Project No.	2019-067.NCH
Project Date	03.03.2023
Bid Set	03
Produced	KC TCC

OLUWASEUN ODUKOMAIYA
REGISTERED
No. 11300632
STATE OF INDIANA
PROFESSIONAL ENGINEER
KBSO #20060
3/3/2023

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

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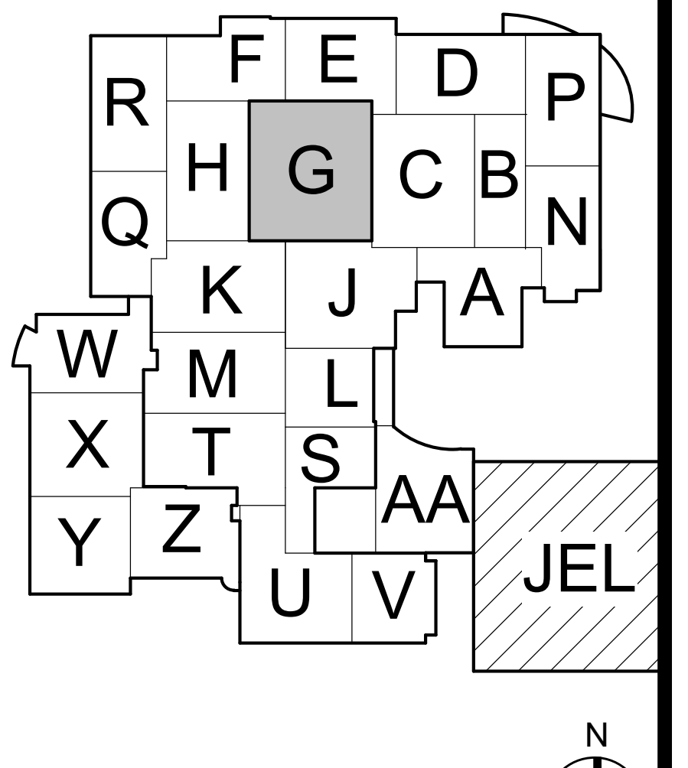
Indianapolis, IN 46240



KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR PLUMBING PLAN - UNIT G

PF1G1.3

PF1G1.3_ FIRST FLOOR PLUMBING PLAN - UNIT G
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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GENERAL NOTES

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⬡ SHEET KEYNOTES

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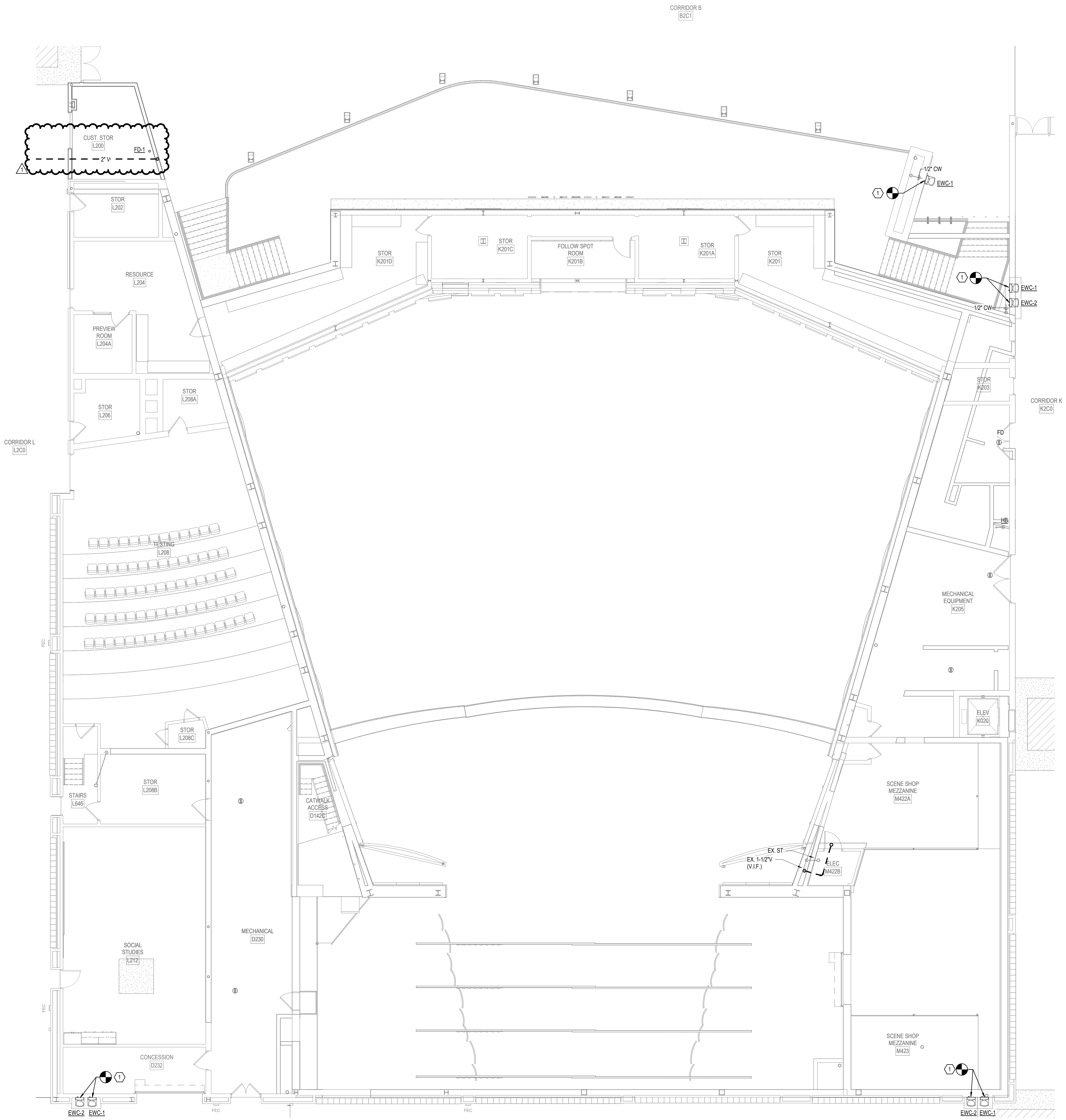

1 SECOND FLOOR PLUMBING PLAN - UNIT G

1/8" = 1'-0"

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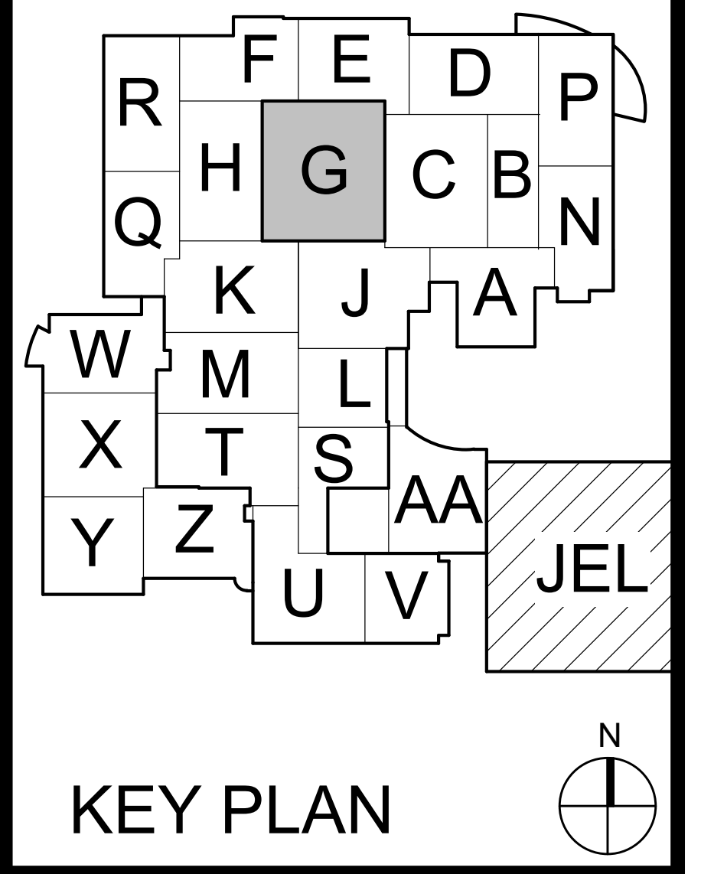

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR
PLUMBING PLAN - UNIT G

PF1G2.3

PF1G2.3_ SECOND FLOOR PLUMBING PLAN - UNIT G
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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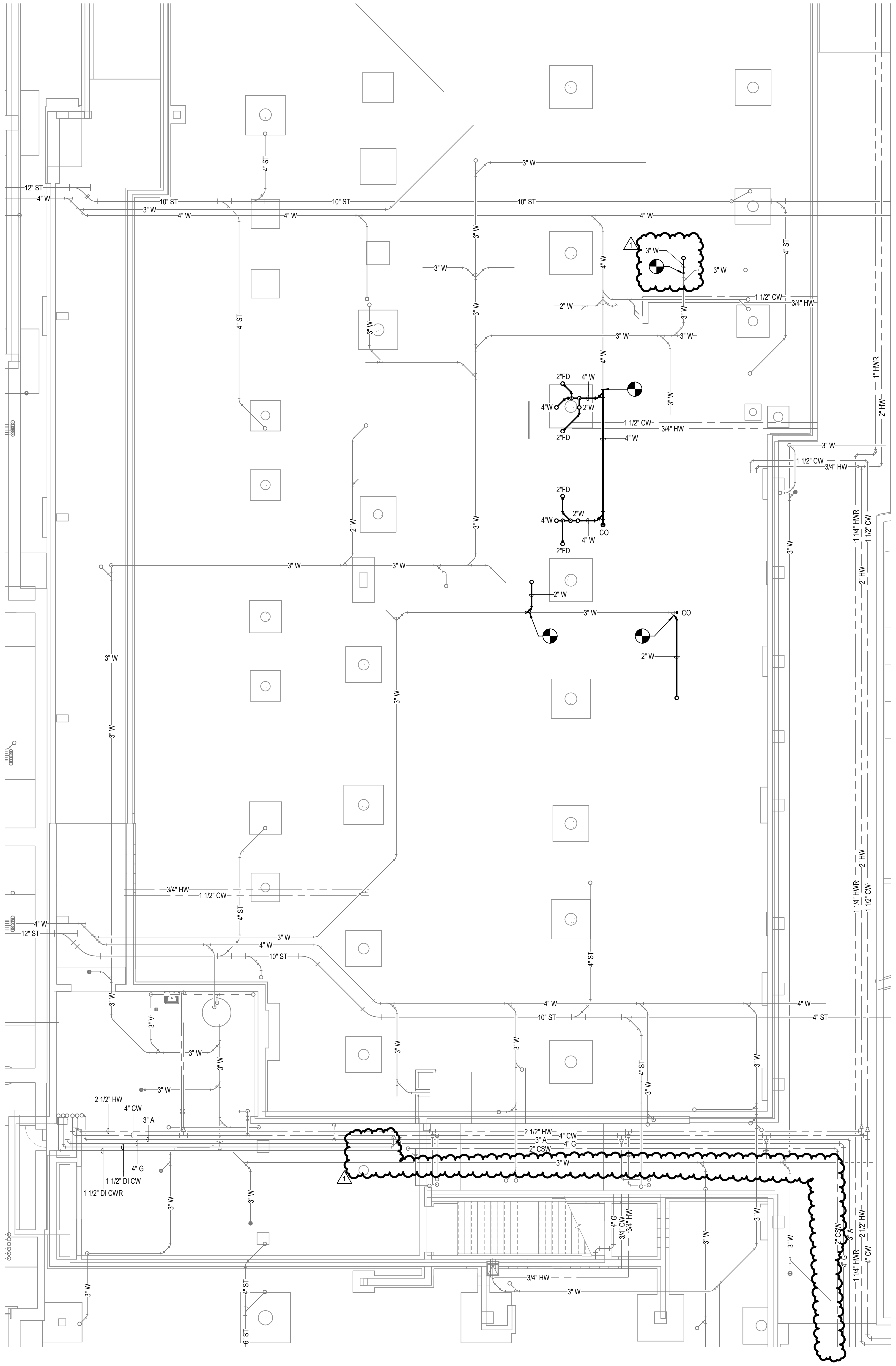

1 FOUNDATION PLUMBING PLAN - UNIT H

1/8" = 1'-0"

GENERAL NOTES

- A SAWCUT AND/OR CORE DRILL FLOORS, WALLS, ETC. TO INSTALL NEW PIPE.
- B REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR INSTRUCTIONS FOR PATCHING FLOORS.
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⬡ SHEET KEYNOTES

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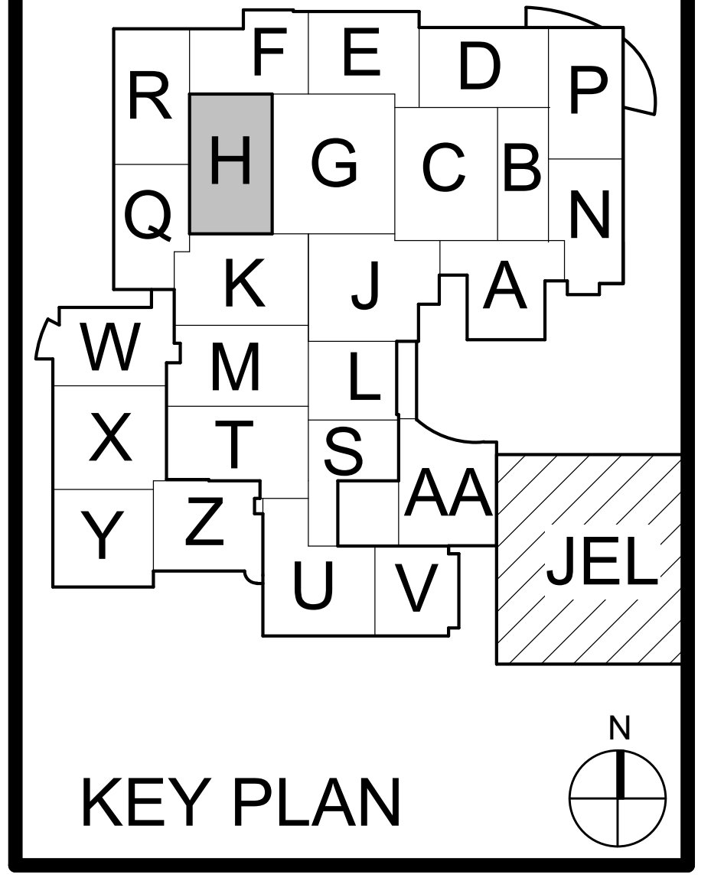


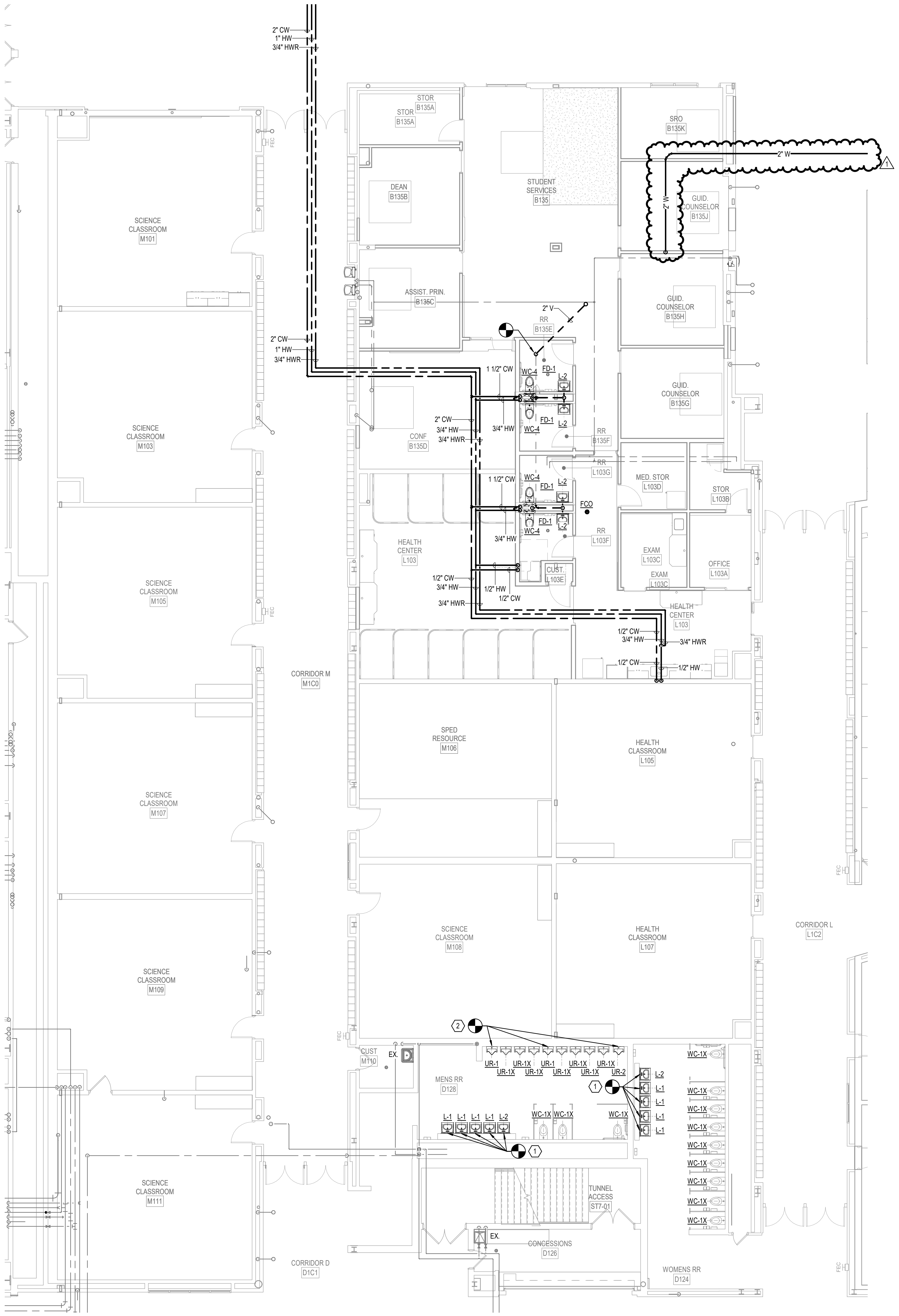
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FOUNDATION PLUMBING PLAN - UNIT H

PF1H0.3



N

1 FIRST FLOOR PLUMBING PLAN - UNIT H

1/8" = 1'-0"

GENERAL NOTES

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SHEET KEYNOTES

1 PROVIDE NEW LAVATORIES, L-1 AND L-2. RECONNECT TO EXISTING CW, HW, AND WASTE PIPING.
2 PROVIDE NEW URINALS, UR-1 AND UR-2. RECONNECT TO EXISTING CW AND WASTE PIPING.

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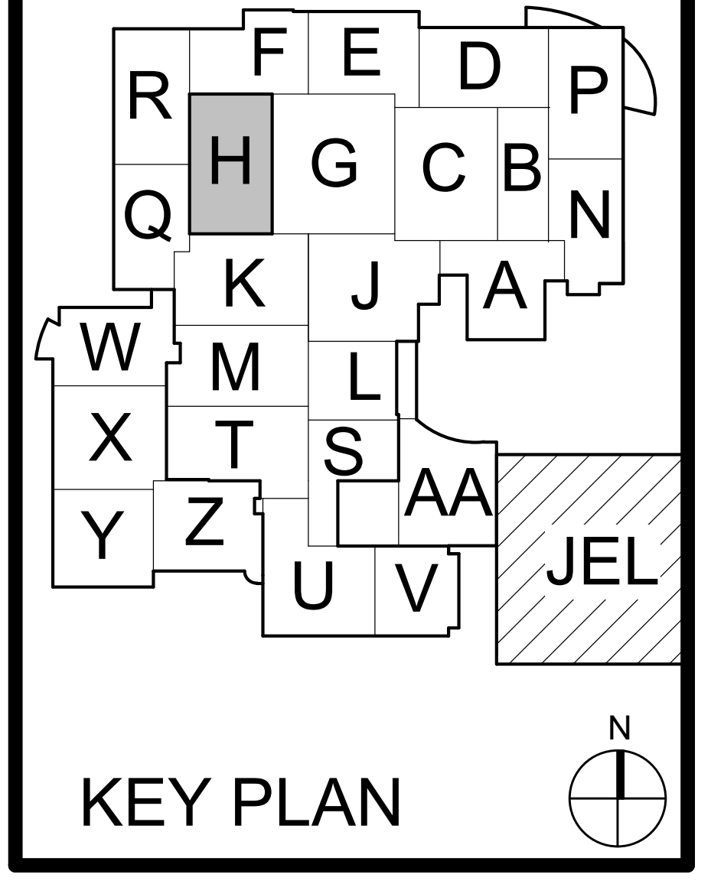

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR PLUMBING PLAN - UNIT H

PF1H1.3

1 SECOND FLOOR PLUMBING PLAN - UNIT H

1/8" = 1'-0"

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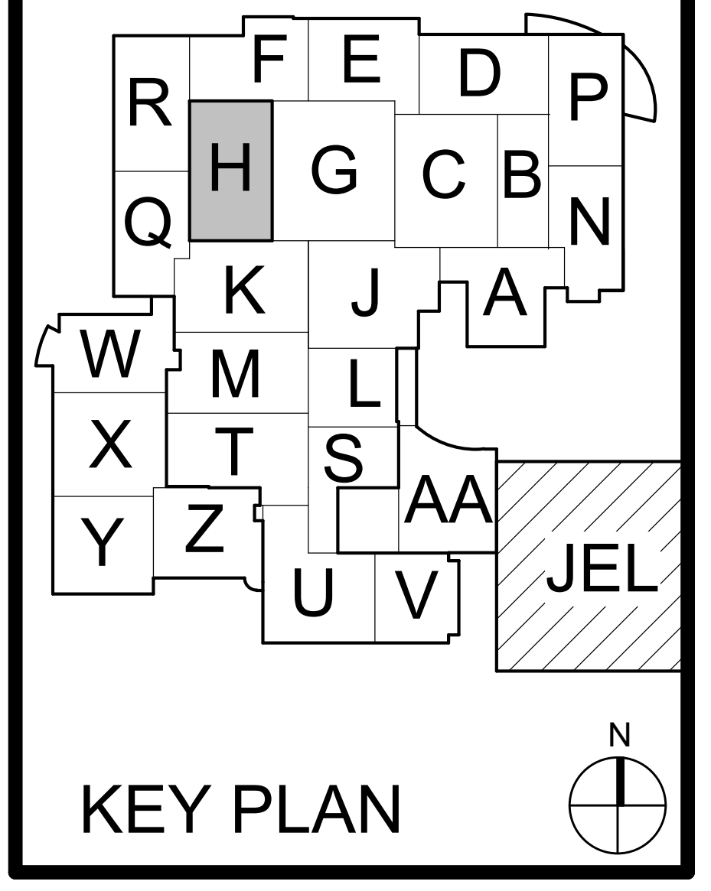


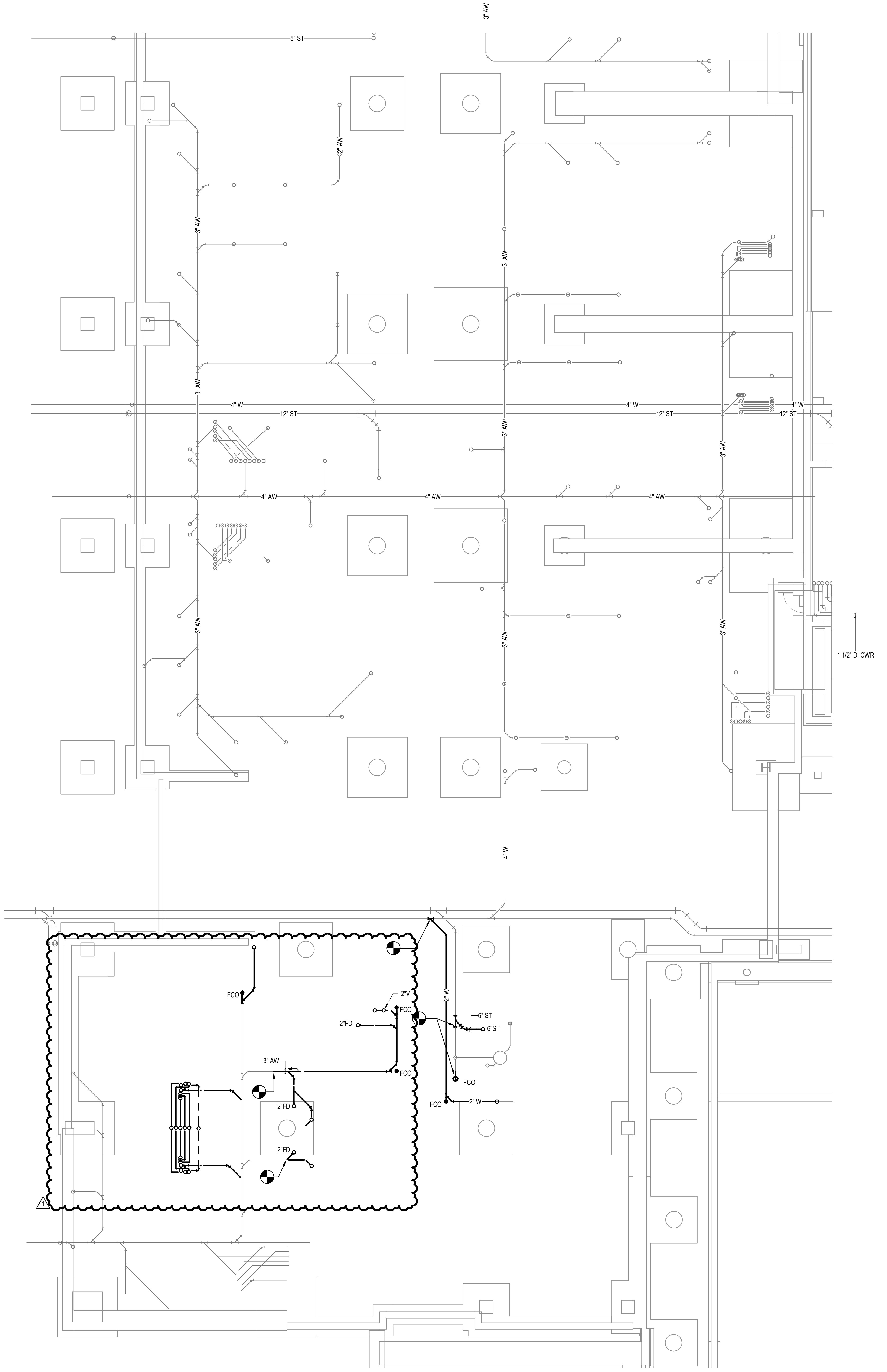
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR PLUMBING PLAN - UNIT H

PF1H2.3



1 FOUNDATION PLUMBING PLAN - UNIT Q

1/8" = 1'-0"

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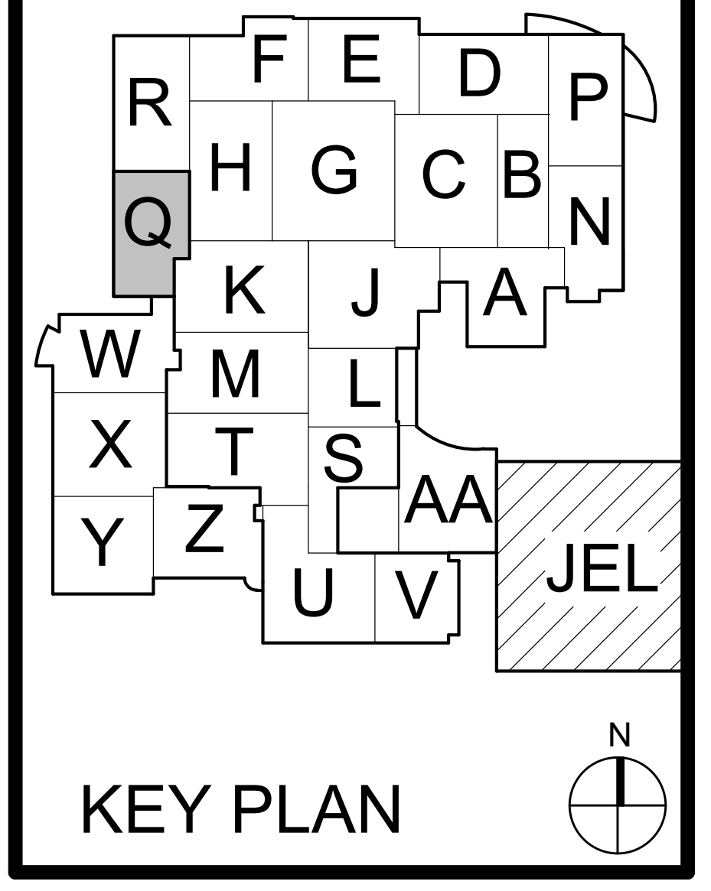

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FOUNDATION PLUMBING PLAN - UNIT Q

PF1Q0.3

PF1Q0.3_ FOUNDATION PLUMBING PLAN - UNIT Q
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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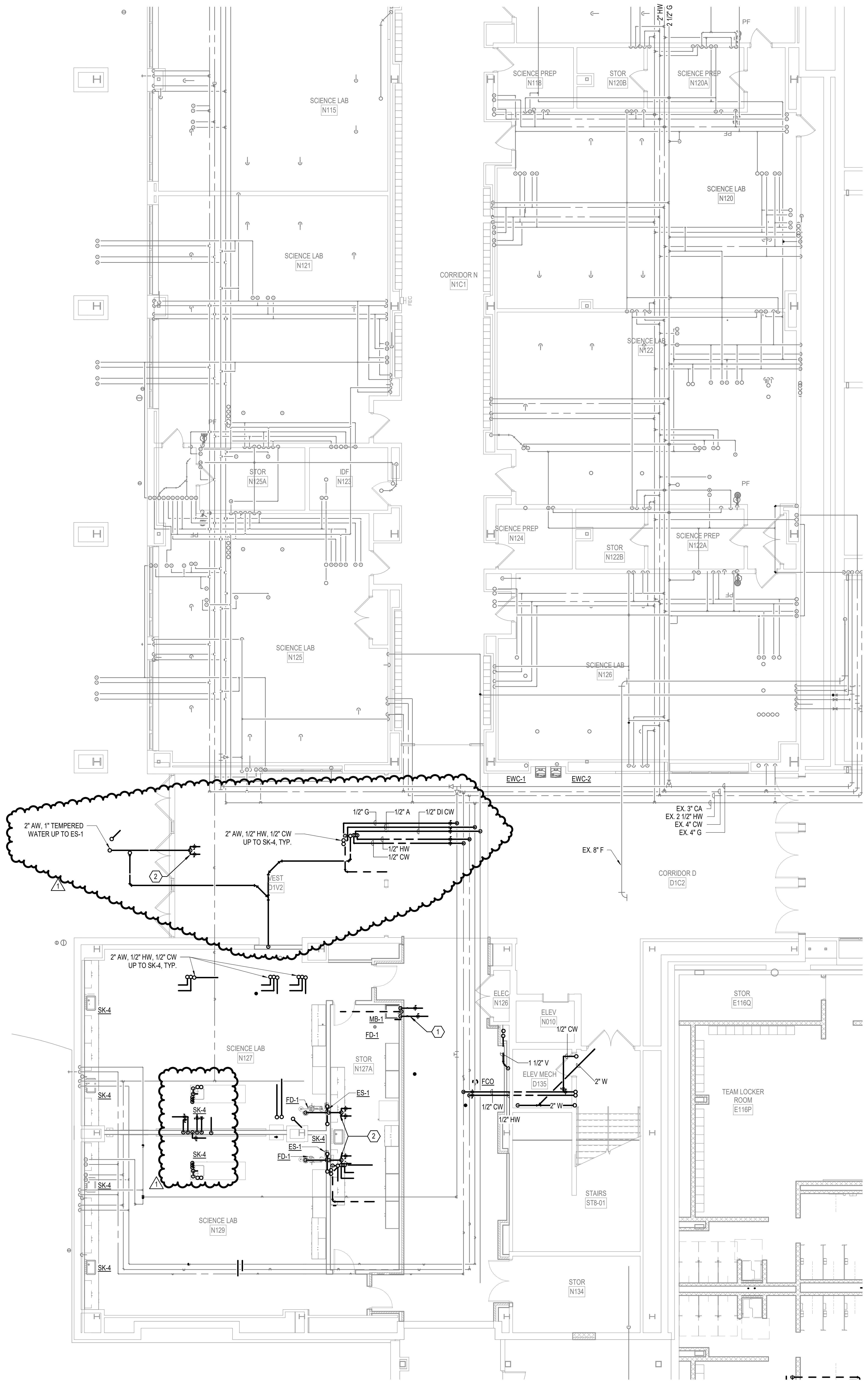

① FIRST FLOOR PLUMBING PLAN - UNIT Q

1/8" = 1'-0"

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SHEET KEYNOTES

1 PROVIDE SHUT-OFF VALVES AND CHECK VALVES ON HW AND CW SUPPLY TO MOP BASIN.
2 THERMOSTATIC MIXING VALVE PROVIDED WITH EMERGENCY SHOWER MOUNTED ABOVE CEILING.

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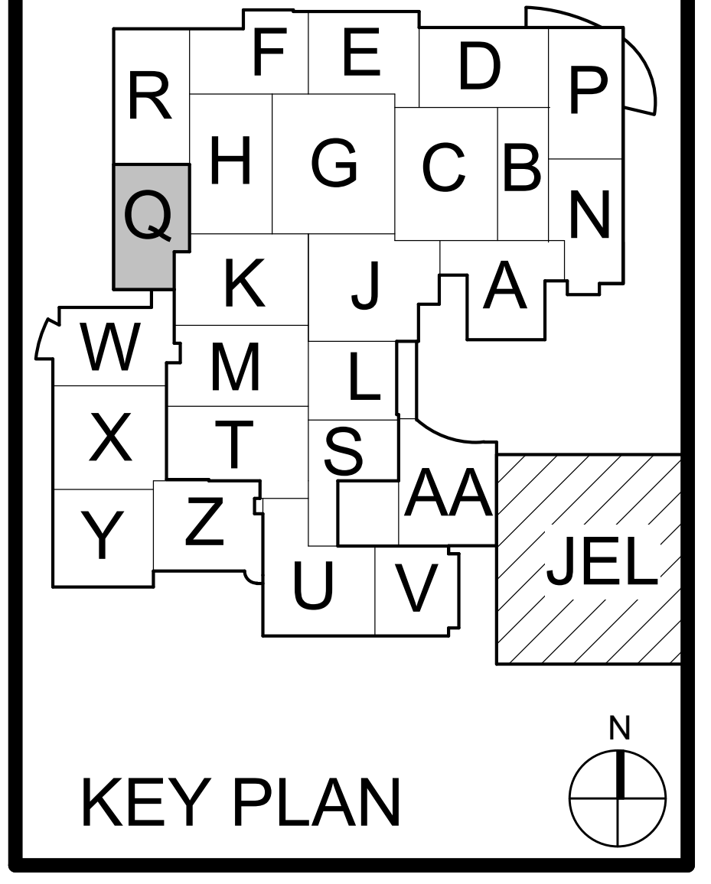


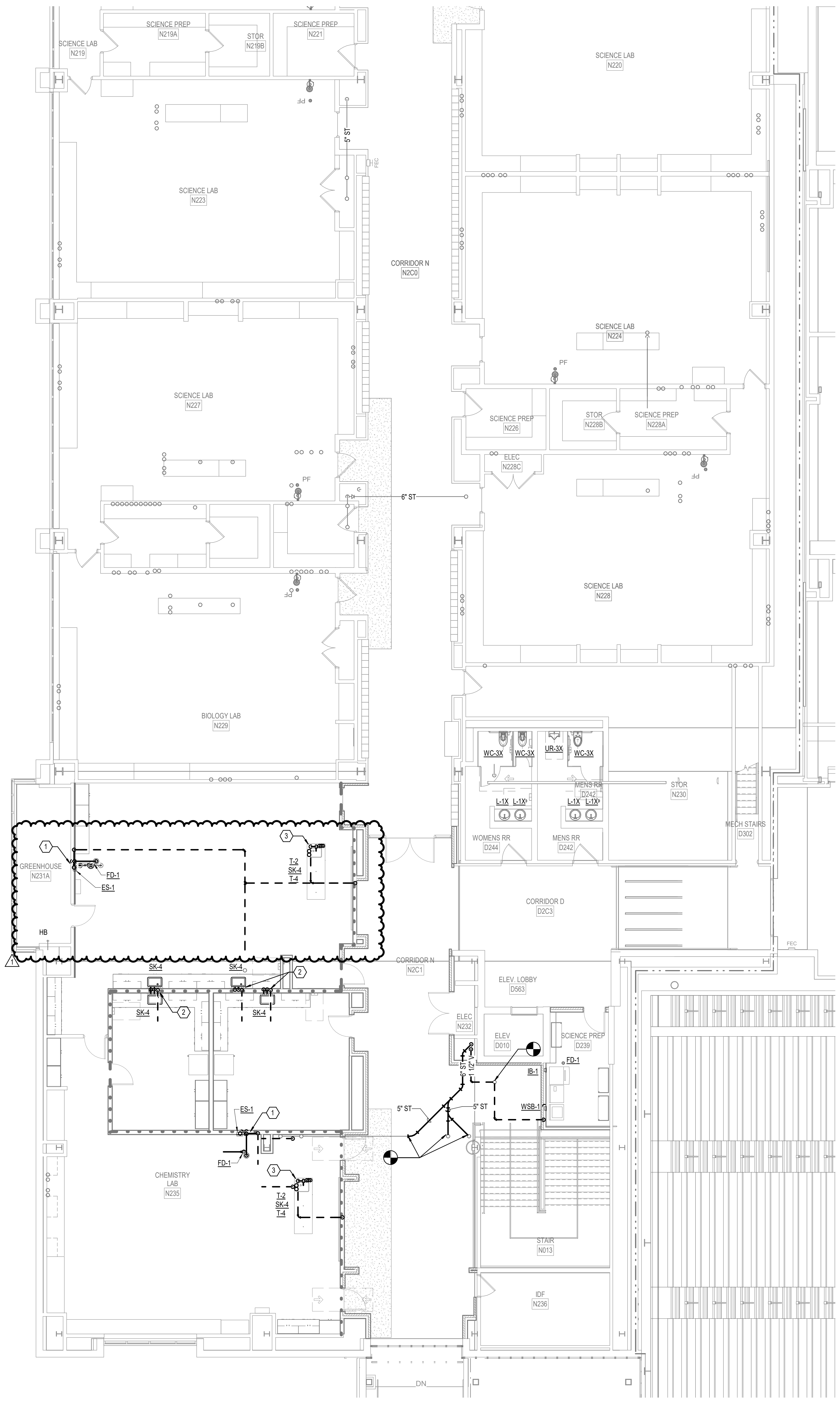
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR PLUMBING PLAN - UNIT Q

PF1Q1.3



1 SECOND FLOOR PLUMBING PLAN - UNIT Q

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⬡ SHEET KEYNOTES

1. 1" HW, 1" CW, 2" AW DN. 2" AV UP.
2. 1/2" CW AND 1/2" HW FROM BELOW. 2" W DOWN AND 2" V UP, TYPICAL.
3. ALL SERVICES FEED FROM BELOW. COORDINATE LOCATIONS WITH STRUCTURAL AND CASEWORK LOCATIONS, TYPICAL.

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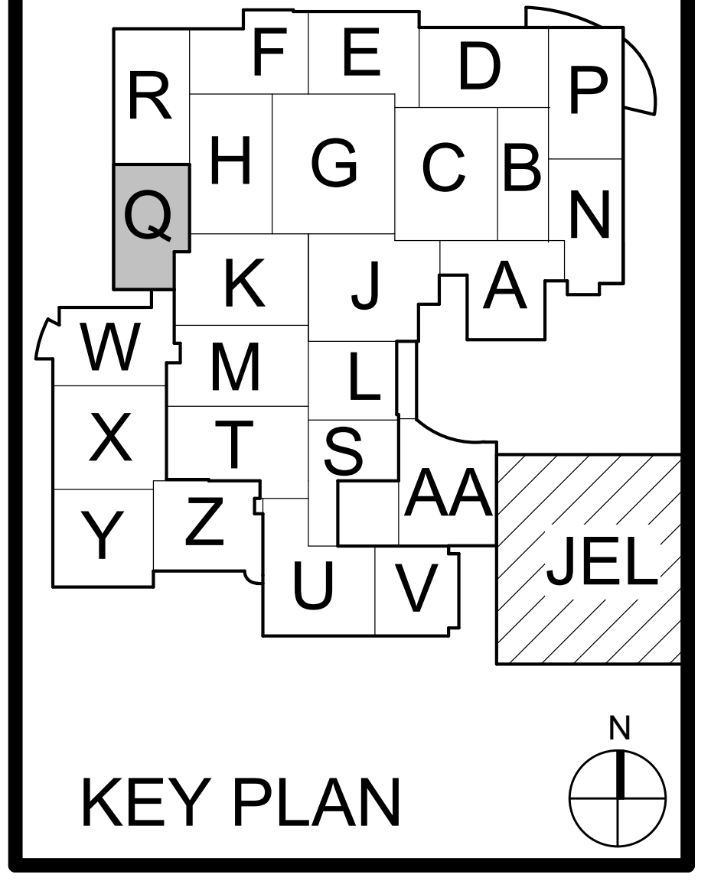


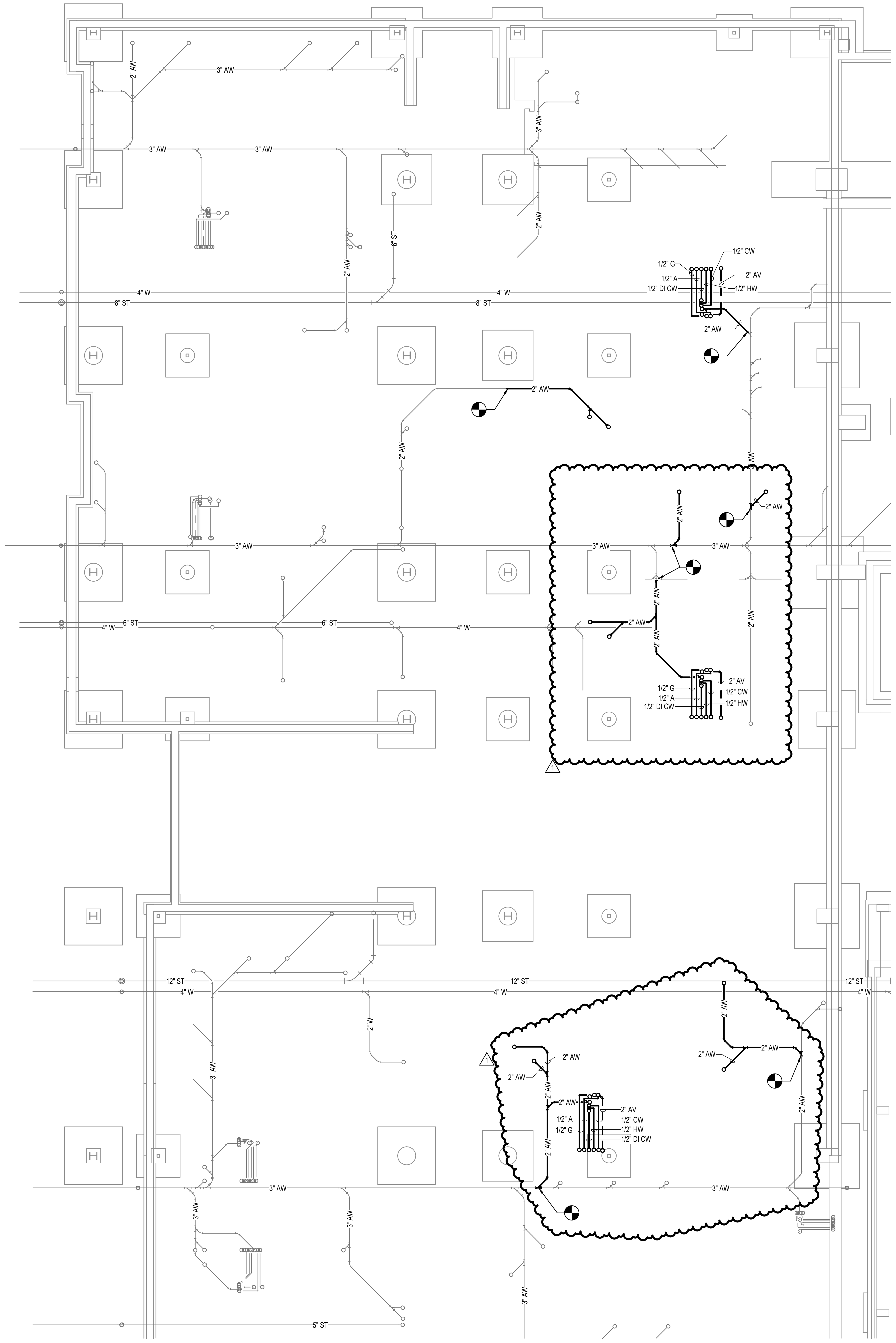
KEY PLAN

M.S.D. of Washington
Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR
PLUMBING PLAN - UNIT Q

PF1Q2.3



1 FOUNDATION PLUMBING PLAN - UNIT R

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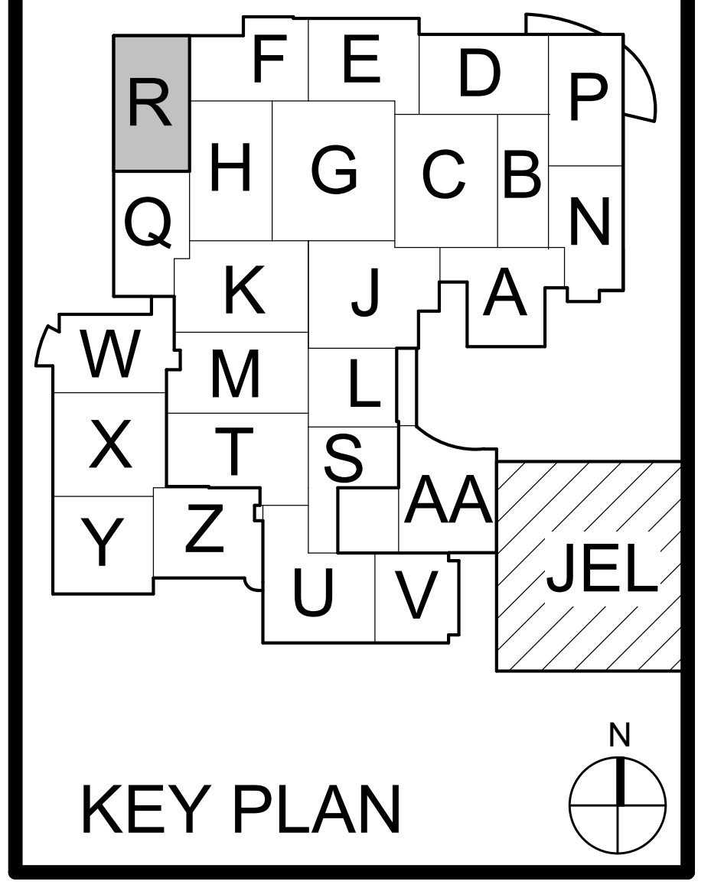

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FOUNDATION PLUMBING PLAN - UNIT R

PF1R0.3

PF1R0.3_ FOUNDATION PLUMBING PLAN - UNIT R
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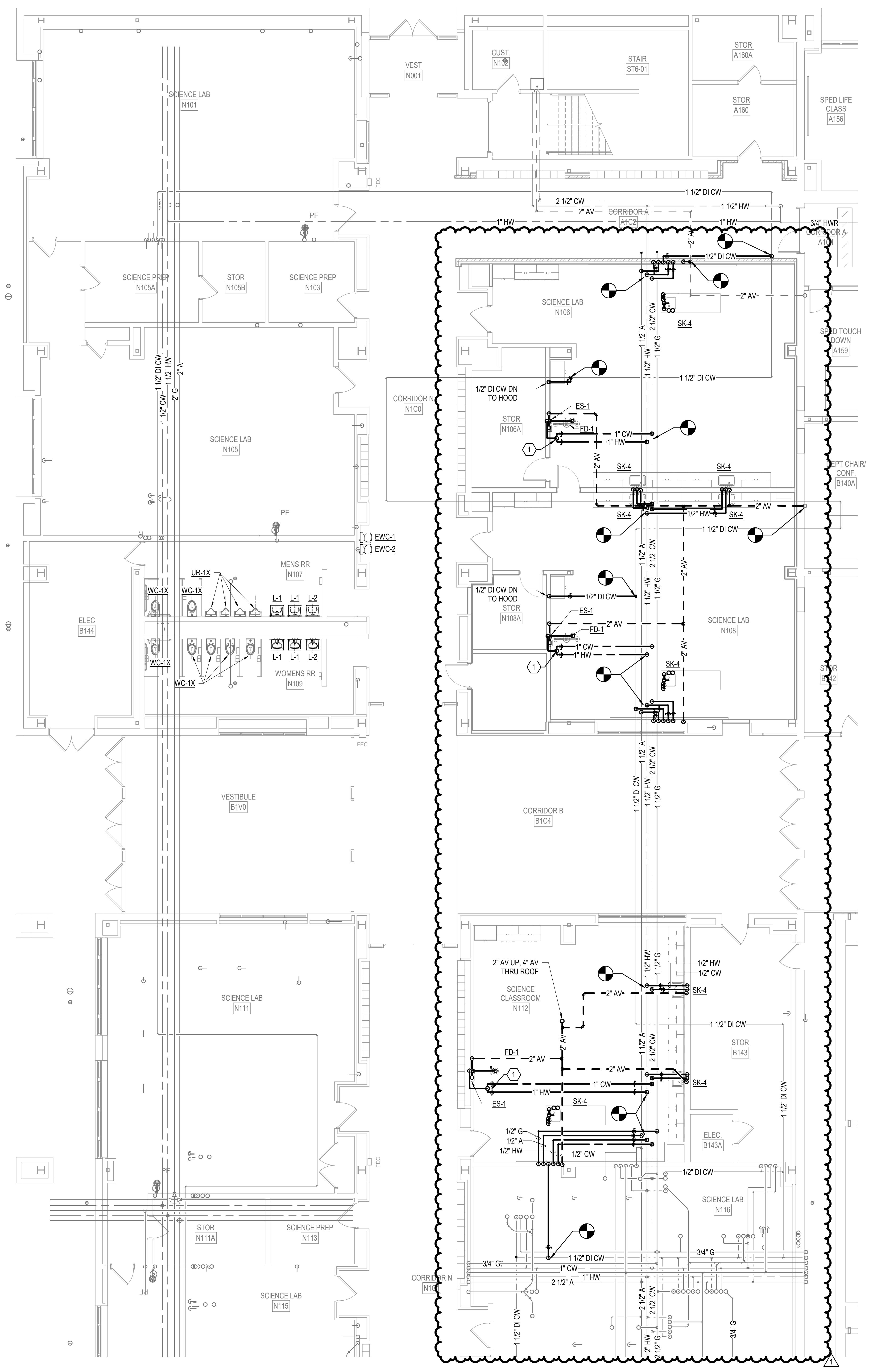

1 FIRST FLOOR PLUMBING PLAN - UNIT R

1/8" = 1'-0"

GENERAL NOTES

A SAWCUT AND/OR CORE DRILL FLOORS, WALLS, ETC. TO INSTALL NEW PIPE.

B REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR INSTRUCTIONS FOR PATCHING FLOORS.

C REFER TO SPECIFICATIONS FOR PIPE SLEEVE REQUIREMENTS.

D REFER TO ARCHITECTURAL DRAWINGS FOR INSTRUCTIONS FOR REMOVING/REPLACING WALLS, CEILINGS, ETC.

E FOR ALL ELECTRIC WATER COOLER REPLACEMENTS, VERIFY EXISTING ELECTRIC WATER COOLER HAS NOT PREVIOUSLY BEEN REPLACED BY OWNER.

F FOR ALL WATER CLOSETS AND URINALS; VERIFY CONDITION AND OPERATION OF EXISTING FLUSH VALVE AND REPLACE AS NEEDED. REPLACE ALL WATER CLOSET SEATS.

SHEET KEYNOTES

1 THERMOSTATIC MIXING VALVE PROVIDED WITH EMERGENCY SHOWER MOUNTED ABOVE CEILING.

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Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced KC TCC

KBSO #20060
OLUWASEUN ODUKOMAIYA
No. 11300632
3/3/2023

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

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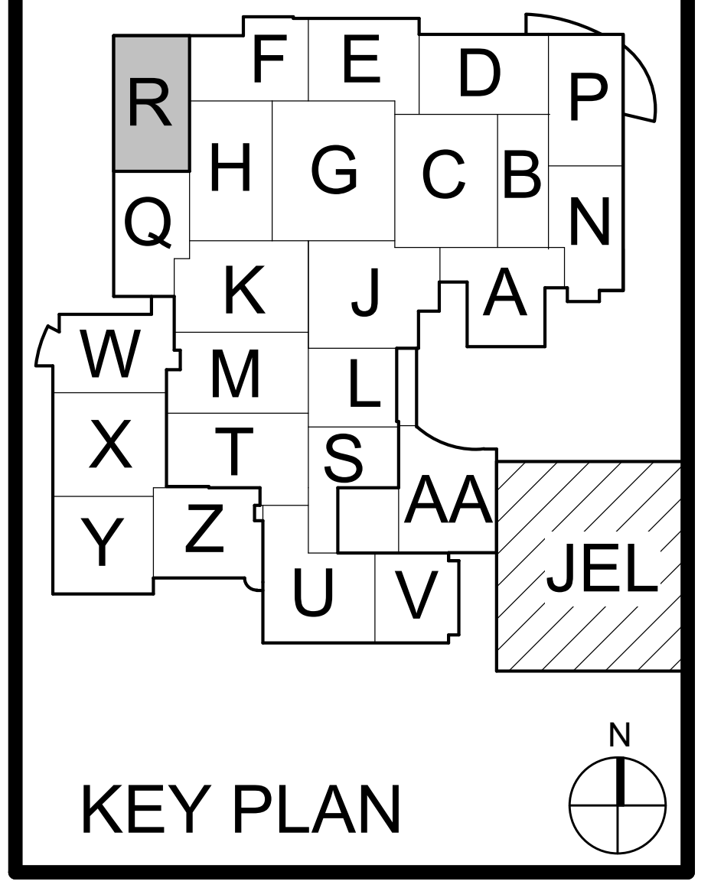

KEY PLAN

M.S.D. of Washington
Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR PLUMBING
PLAN - UNIT R

PF1R1.3

PF1R1.3_ FIRST FLOOR PLUMBING PLAN - UNIT R
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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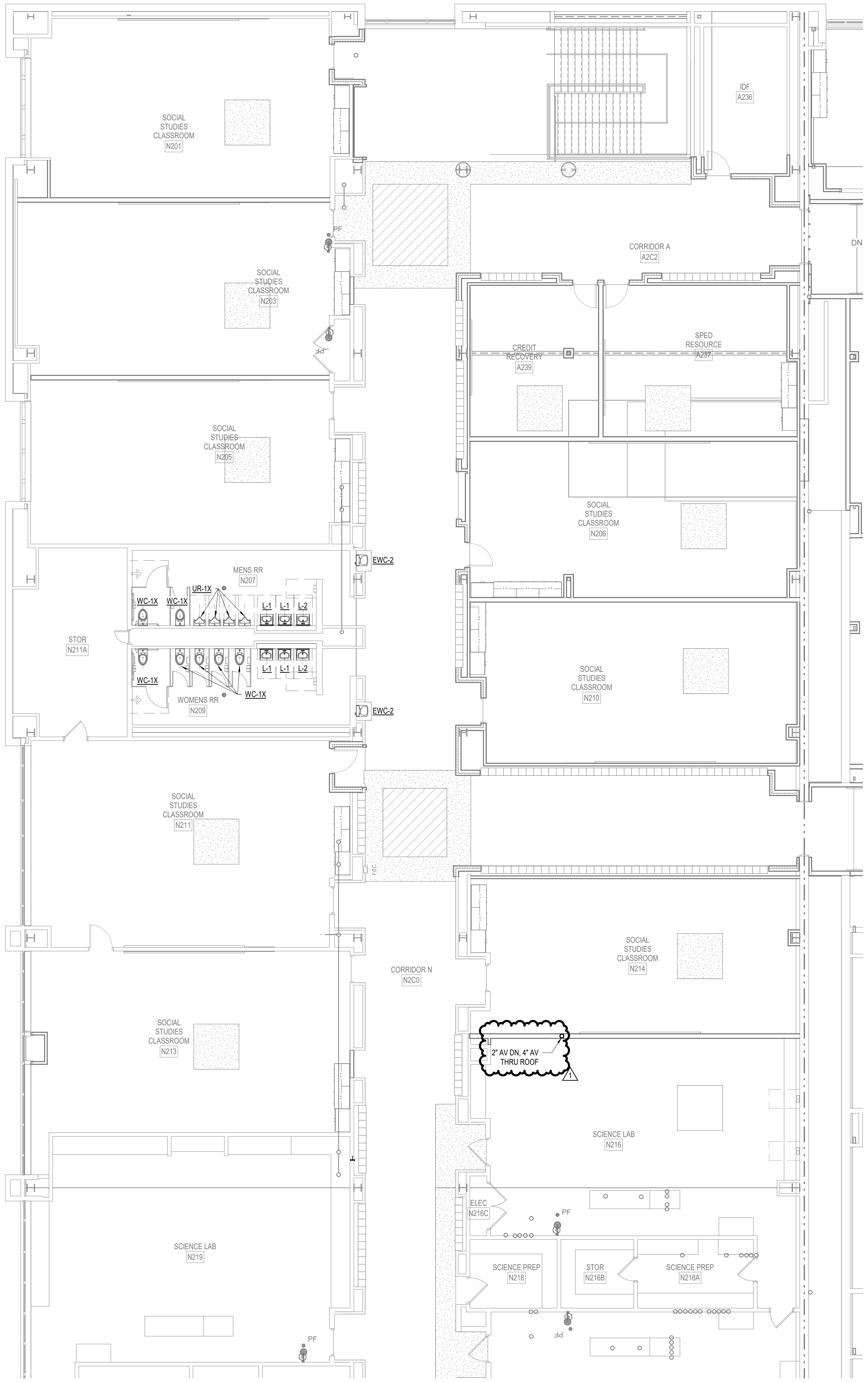

N

①SECOND FLOOR PLUMBING PLAN - UNIT R

1/8" = 1'-0"

GENERAL NOTES

A SAWCUT AND/OR CORE DRILL FLOORS, WALLS, ETC. TO INSTALL NEW PIPE.
B REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR INSTRUCTIONS FOR PATCHING FLOORS.
C REFER TO SPECIFICATIONS FOR PIPE SLEEVE REQUIREMENTS.
D REFER TO ARCHITECTURAL DRAWINGS FOR INSTRUCTIONS FOR REMOVING/REPLACING WALLS, CEILINGS, ETC.
E FOR ALL ELECTRIC WATER COOLER REPLACEMENTS, VERIFY EXISTING ELECTRIC WATER COOLER HAS NOT PREVIOUSLY BEEN REPLACED BY OWNER.
F FOR ALL WATER CLOSETS AND URINALS; VERIFY CONDITION AND OPERATION OF EXISTING FLUSH VALVE AND REPLACE AS NEEDED. REPLACE ALL WATER CLOSET SEATS.

SHEET KEYNOTES

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STATE OF INDIANA
PROFESSIONAL ENGINEER
3/3/2023

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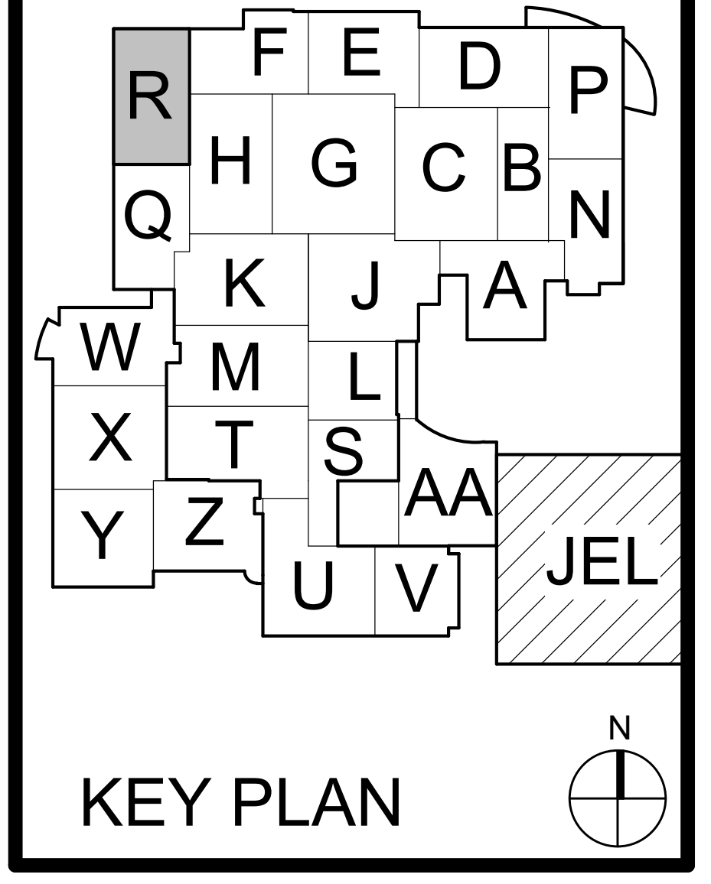

KEY PLAN

M.S.D. of Washington
Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR
PLUMBING PLAN - UNIT R

PF1R2.3

PF1R2.3_ SECOND FLOOR PLUMBING PLAN - UNIT R
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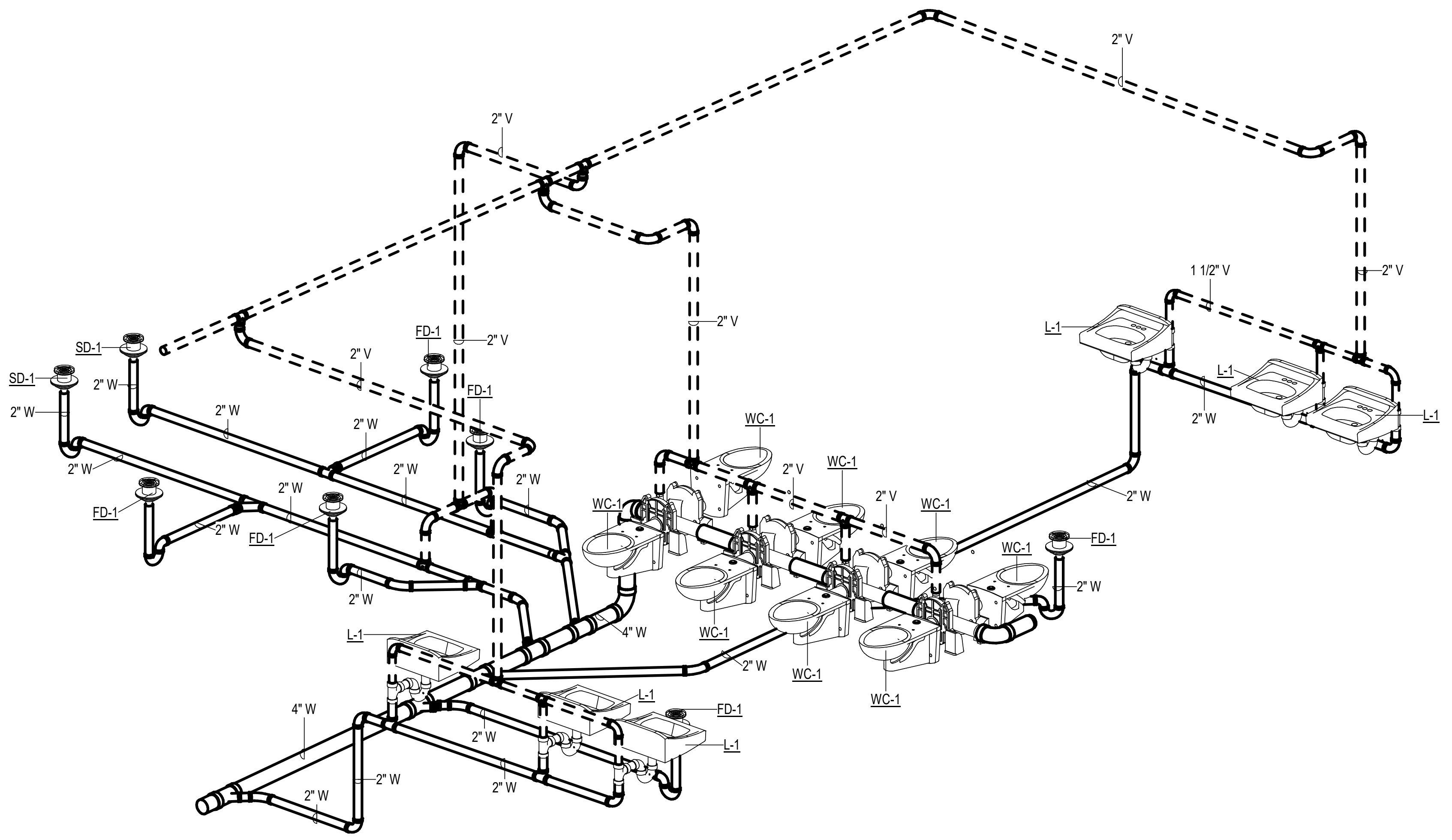
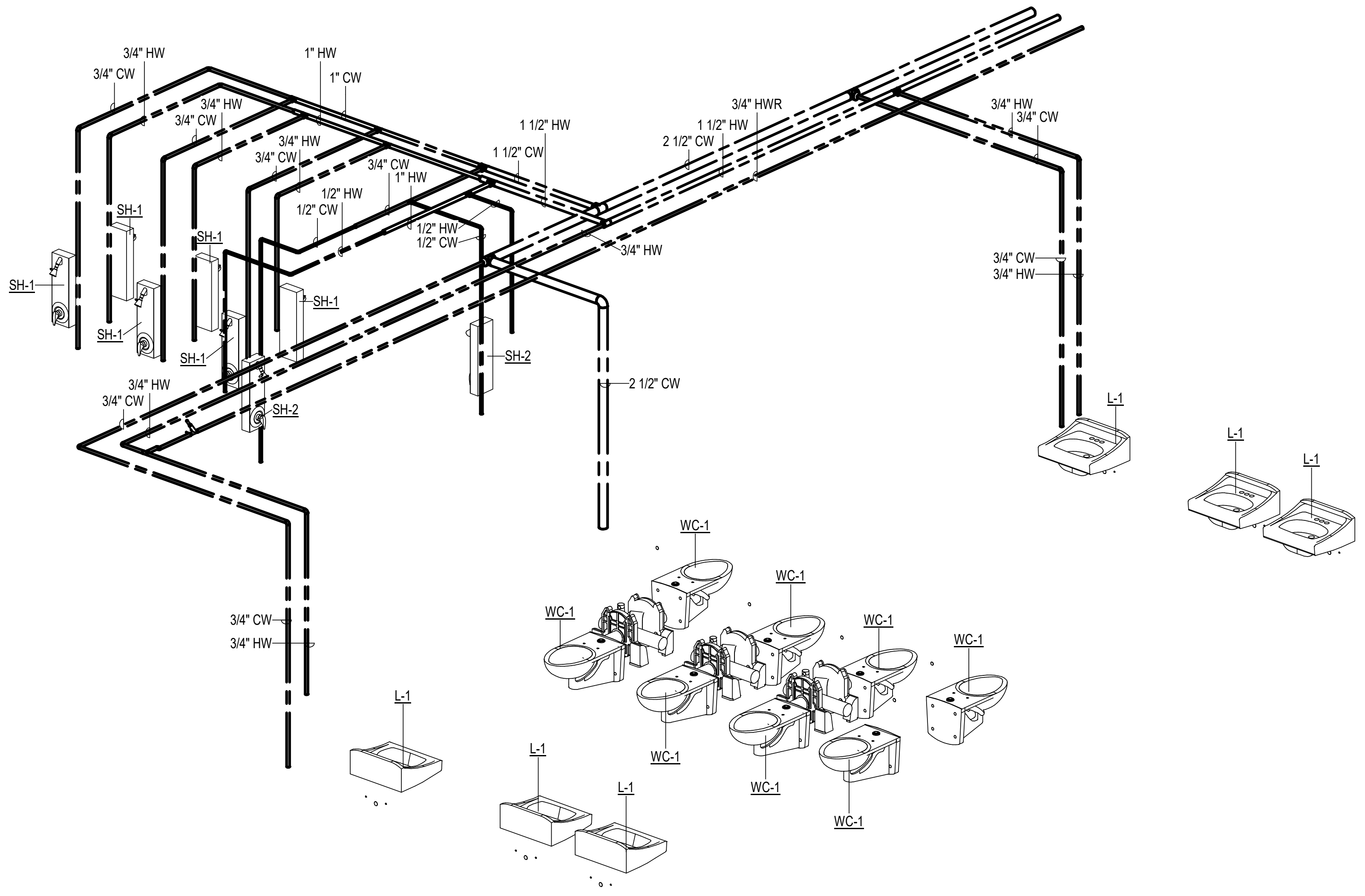


①UNIT K - LOCKER ROOM WASTE AND VENT ISOMETRIC



②UNIT K - LOCKER ROOM DOMESTIC WATER ISOMETRIC

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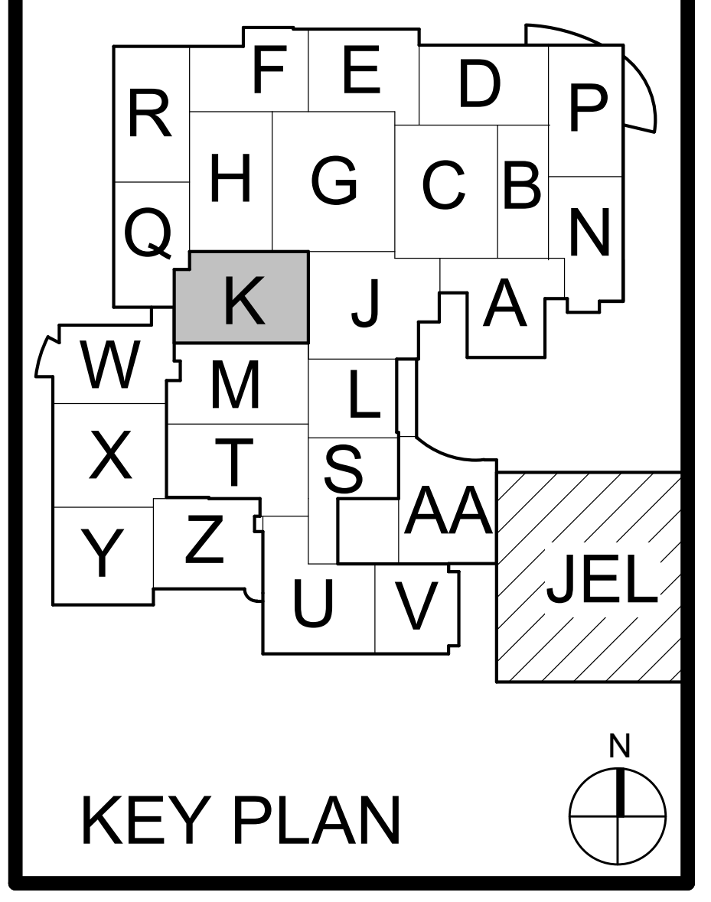

KEY PLAN

M.S.D. of Washington
Township

North Central High School
Renovation - Additions
Phase 3

PLUMBING ISOMETRICS -
UNIT K

P-901.3

P-901.3_ PLUMBING ISOMETRICS - UNIT K
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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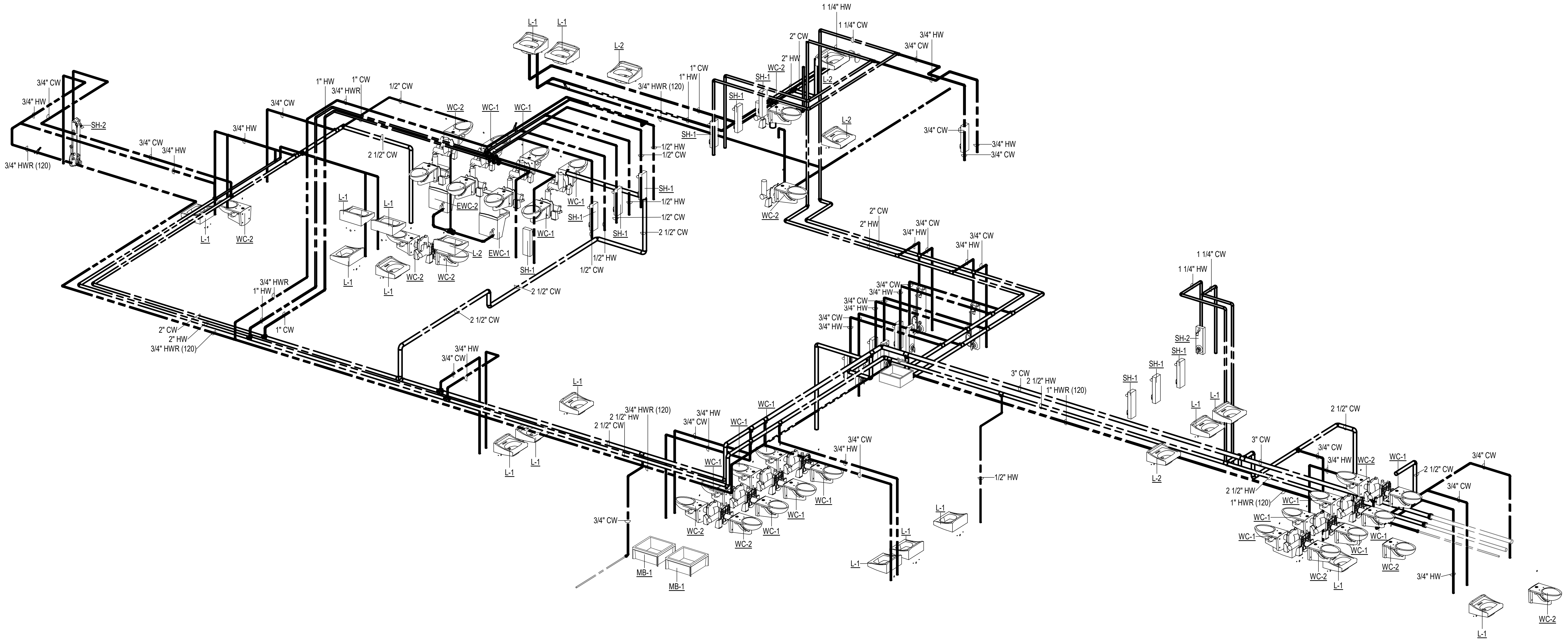

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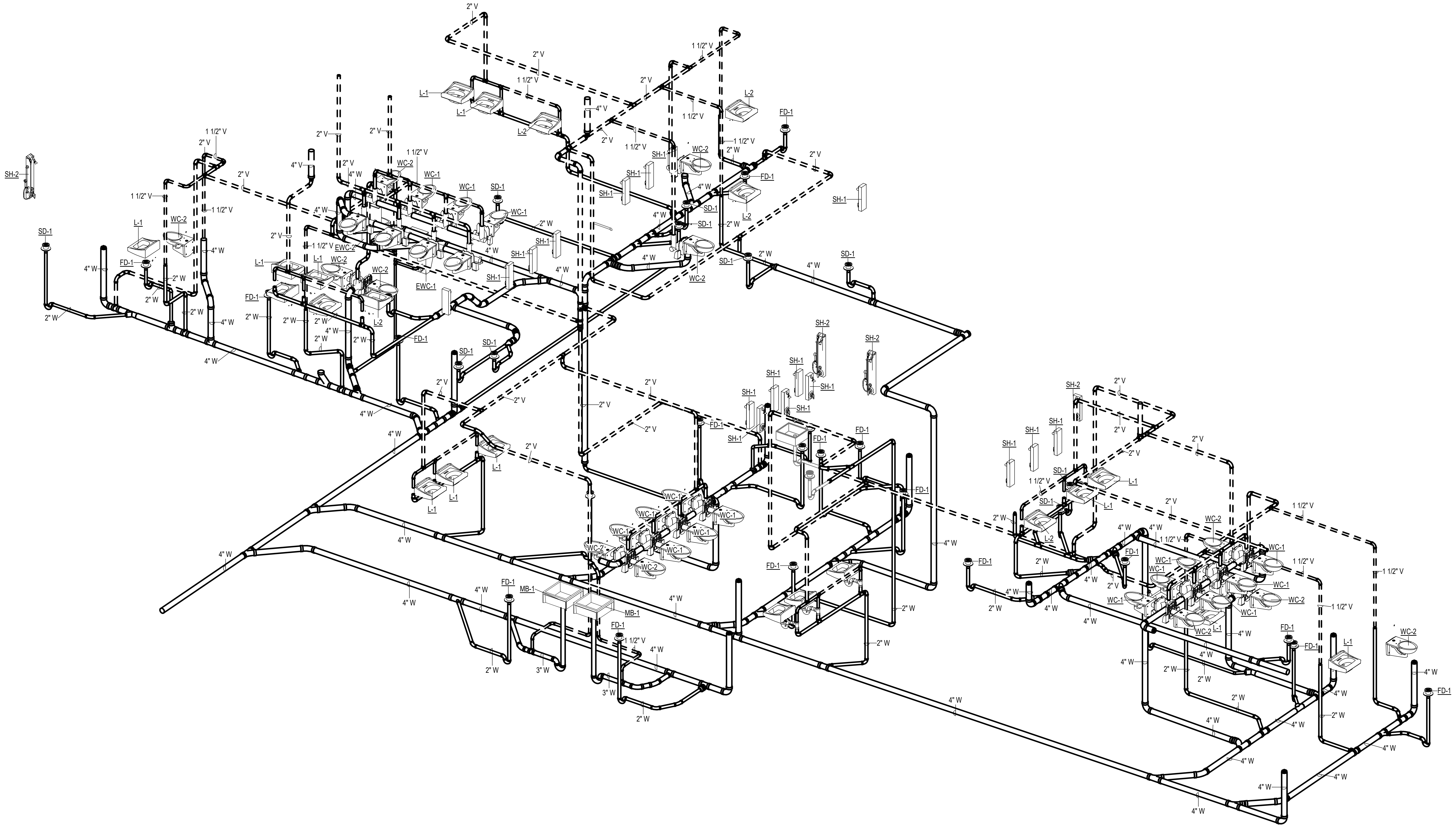

1 UNIT M - LOCKER ROOM WASTE AND VENT ISOMETRIC

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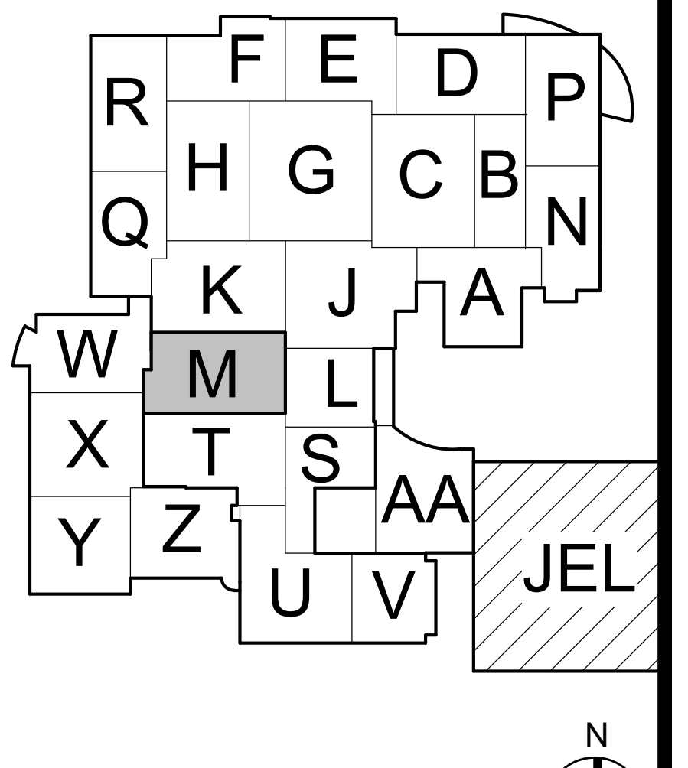

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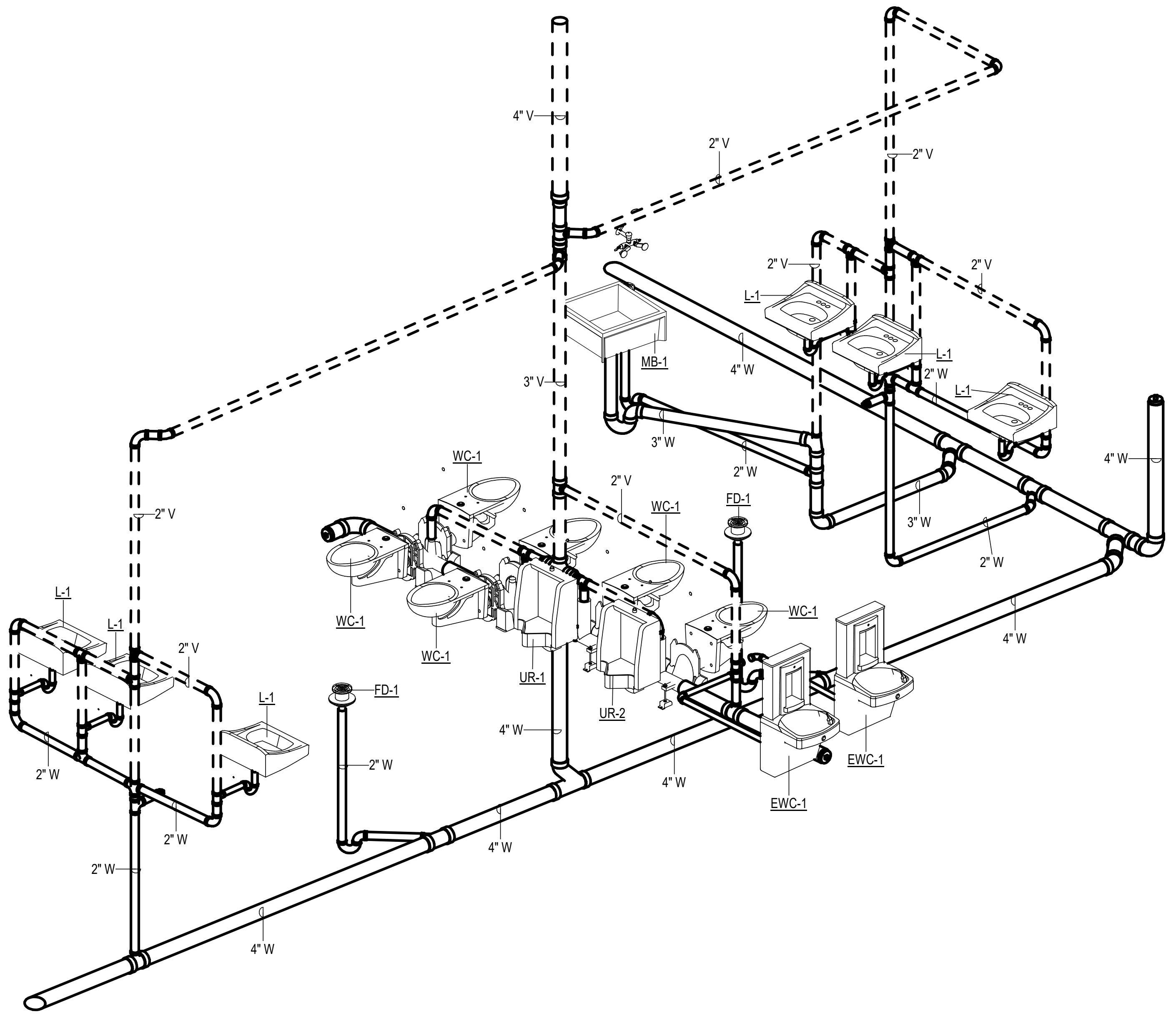
M.S.D. of Washington
Township

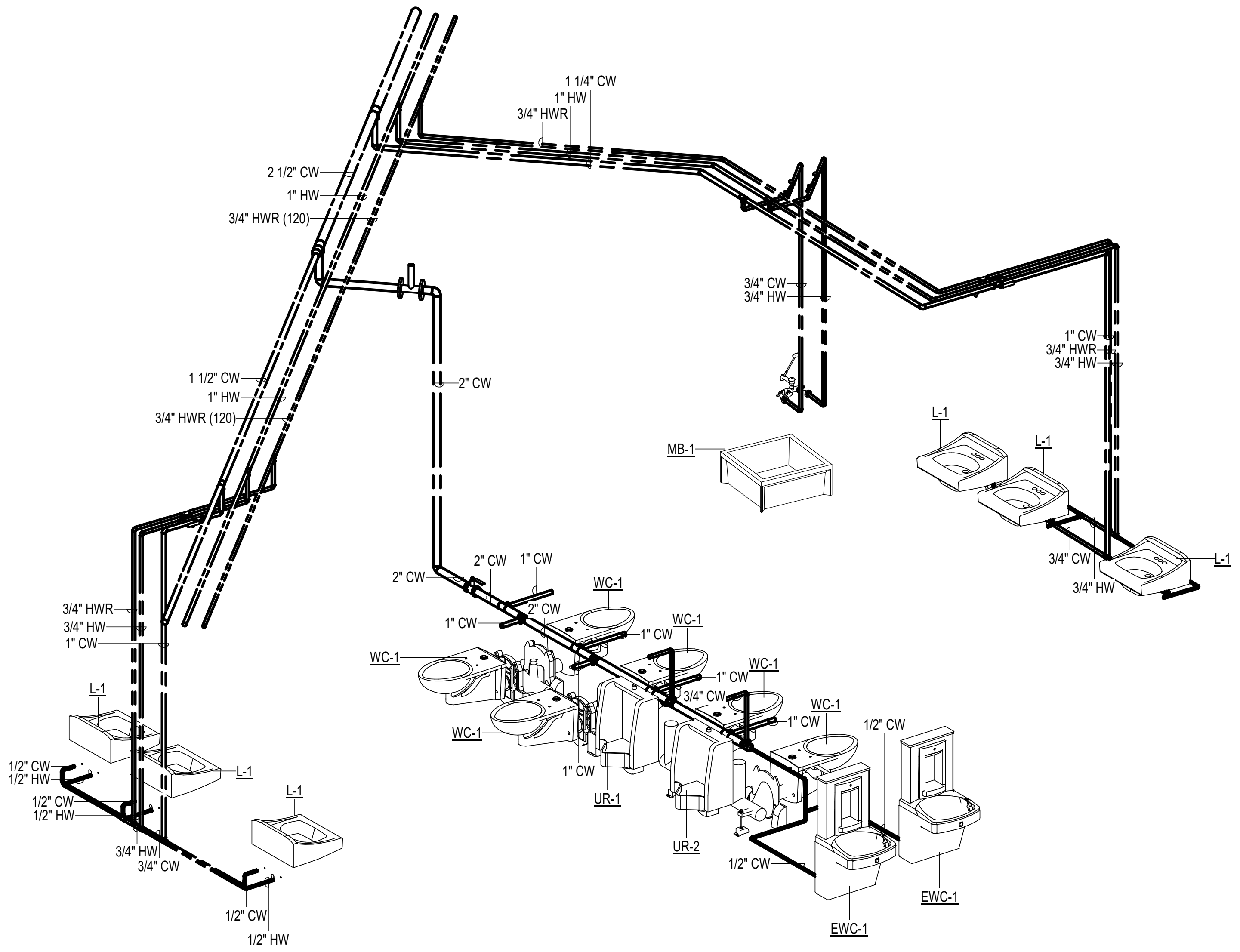
North Central High School
Renovation - Additions
Phase 3

PLUMBING ISOMETRICS -
UNIT M

P-902.3



1 UNIT AA - RESTROOMS WASTE AND VENT ISOMETRIC



2 UNIT AA - RESTROOMS DOMESTIC WATER ISOMETRIC

P-903.3_ PLUMBING ISOMETRICS - UNIT AA
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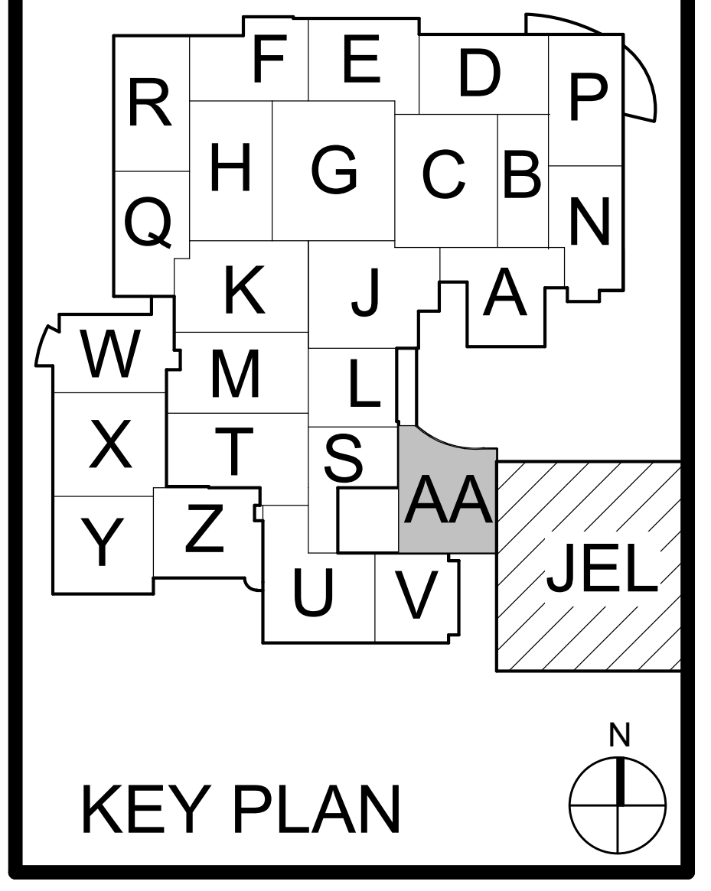

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

PLUMBING ISOMETRICS - UNIT AA

P-903.3

ABBREVIATIONS

A	AMPERES
AC	ALTERNATING CURRENT
AF	AMPERES FRAME (BREAKER RATING)
AFF	ABOVE FINISH FLOOR
AHU	AIR HANDLING UNIT
AT	AMPERES TRIP (BREAKER SETTING)
ATS	AUTOMATIC TRANSFER SETTING
AUX	AUXILIARY
C	CONDUIT
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CP	CONTROL PANEL
CPT	CONTROL POWER TRANSFORMER
CT	CURRENT TRANSFORMER
DISC	DISCONNECT
DL	DOUBLE LUGS
DP	POWER DISTRIBUTION PANEL
DWG	DRAWING
EF	EXHAUST FAN
EG	EQUIPMENT GROUND
ELEC	ELECTRIC/ELECTRICAL
EM/EMERG	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
EO	ELECTRICALLY OPERATED
F	FUSE
FA	FIRE ALARM
FB	FLOOR BOX
FDR	FEEDER
FL	FLOOR
FLEX	FLEXIBLE
FTL	FEED THRU LUGS
G	GROUND
GRND	GROUND
HP	HORSEPOWER
HOA	HAND-OFF-AUTOMATIC
JB	JUNCTION BOX
KV	KILOVOLTS
KVA	KILOVOLTS-AMPERES
KVAR	KILOVOLTS-AMPERES-REACTIVE
KW	KILOWATTS
KWH	KILOWATT-HOURS
LA	LIGHTNING ARRESTOR
LP	LIGHTING PANELBOARD
MAX	MAXIMUM
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MECH	MECHANICAL
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MLO	MAIN LUGS ONLY
MTD	MOUNTED
MTG	MOUNTING
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NF	NON-FUSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NO.	NUMBER
N.T.S.	NOT TO SCALE
OC	ON CENTER
OL'S	OVERLOADS
P	POLE
PB	PUSH BUTTON
PH/Ø	PHASE
PT	POTENTIAL TRANSFORMER
RCLP	REMOTE CONTROL LIGHTING PANEL
RECEPT.	RECEPTACLE
RF	RETURN FAN
RP	RECEPTACLE PANELBOARD
RSC	RIGID STEEL CONDUIT
SCHED	SCHEDULE
SF	SUPPLY FAN
ST	SHUNT TRIP
STB	SHUNT TRIP BREAKER
SW	SWITCH
SWBD	SWITCHBOARD
TB	TERMINAL BLOCK
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
V	VOLTS
W	WIRE

ELECTRICAL LEGEND & SYMBOLS

LIGHTING

SUBSCRIPTS FOR LIGHTING FIXTURES INDICATE THE FOLLOWING, U.O.N.
NL - NIGHT LIGHT, PANEL SWITCHED, U.O.N.

◎ ▣	LIGHTING FIXTURE - TYPE AS INDICATED
	WALL MOUNTED FIXTURE - TYPE AS INDICATED
▣ □	LIGHTING FIXTURE - TYPE AS INDICATED
	POLE MOUNTED LIGHTING FIXTURE - TYPE AS INDICATED
	TRACK LIGHTING FIXTURE
	EMERGENCY BATTERY WALL PACK LIGHTING FIXTURE - TYPE AS INDICATED
■	SHADING INDICATES EMERGENCY FIXTURE CONNECTED TO BATTERY INVERTER OR GENERATOR. CONNECT TO UNSWITCHED SOURCE IN ADDITION TO SWITCHING INDICATED
	EXIT LIGHT - WALL/CEILING MOUNTED - DIRECTIONAL ARROWS AS INDICATED, SHADING INDICATES ILLUMINATED FACE. CONNECT TO UNSWITCHED BRANCH CIRCUIT INDICATED

POWER DISTRIBUTION

	POWER DISTRIBUTION PANELBOARD - 480Y/277V, 3Ø, 4W & GRD, U.O.N.
	POWER DISTRIBUTION PANELBOARD - 208Y/120V, 3Ø, 4W & GRD, U.O.N.
▬ ▬	BRANCH CIRCUIT PANELBOARD 208Y/120V OR 480Y/277V, 3Ø, 4W & GRD, U.O.N. (FLUSH/SURFACE)
▬ ▬	TERMINAL CABINET, TYPE AS NOTED ON DRAWINGS (FLUSH/SURFACE)
	TRANSFORMER - TYPE AND RATING AS INDICATED, NL INDICATES NON-LINEAR TYPE
MCB	SWITCHBOARD W/MAIN CIRCUIT BREAKER SECTION
ATS	AUTOMATIC TRANSFER SWITCH
	WORKING CLEARANCE ABOUT ELECTRICAL EQUIPMENT
— — —UG— — —	UNDERGROUND CONDUIT/DUCTBANK
——FB——	FEEDER BUSWAY
——PB——	PLUG-IN BUSWAY
——G——	GROUND CABLE, SIZE AS INDICATED
├GB┤	GROUND BUS
	CONDUIT TURNED UP
	CONDUIT TURNED DOWN
M EMH	ELECTRIC MANHOLE
	HOMERUN TO PANEL WITH CIRCUIT NUMBER(S) AS INDICATED
	GROUND WIRE
	PHASE WIRE
	NEUTRAL WIRE
●	GROUND ROD
Ⓜ	MOTOR - "M" INDICATES HORSEPOWER
	HEAVY-DUTY DISCONNECT SWITCH, NON-FUSED, NUMBER OF POLES AS REQUIRED FOR APPLICATION, PROVIDE SWITCH AMPACITY AS INDICATED (DS-#)
	HEAVY-DUTY DISCONNECT SWITCH, FUSED, NUMBER OF POLES AS REQUIRED FOR APPLICATION, PROVIDE SWITCH AMPACITY AS INDICATED (DS-#)
☒	COMBINATION MOTOR STARTER (MS-#)
	VARIABLE FREQUENCY DRIVE (MS-#)
$\$_{MS}$	MOTOR RATED SWITCH (120V, SINGLE PHASE, HORSEPOWER RATED TOGGLE SWITCH)
C_P	CAPACITOR - WHERE "P" INDICATES KVAR SIZE.
	EMERGENCY SHUTOFF PUSHBUTTON
	PUSH BUTTON CONTROL STATION

PANELBOARD NAMING

BRANCH PANELBOARDS

1 2 A 1
- SEQUENCIAL PANEL NUMBER
- FLOOR PLAN UNIT
  - A - UNIT A
  - B - UNIT B
- VOLTAGE
  - 2 - 208Y/120V
  - 4 - 480Y/277V
- FLOOR NUMBER
  - B - BASEMENT
  - 1 - 1ST FLOOR
  - 2 - 2ND FLOOR

DISTRIBUTION PANELBOARDS

1 2 DP A 1
- SEQUENCIAL PANEL NUMBER
- FLOOR PLAN UNIT
  - A - UNIT A
  - B - UNIT B
- "DISTRIBUTION PANEL"
- VOLTAGE
  - 2 - 208Y/120V
  - 4 - 480Y/277V
- FLOOR NUMBER
  - B - BASEMENT
  - 1 - 1ST FLOOR
  - 2 - 2ND FLOOR

WIRING DEVICES

SUBSCRIPTS FOR RECEPTACLES, JUNCTION BOXES AND OTHER DEVICES INDICATE THE FOLLOWING, U.O.N:

F - FLUSH IN FLOOR
GFCI - GROUND FAULT CIRCUIT INTERRUPTER
H - HORIZONTALLY MOUNTED
IG - ISOLATED GROUND
L - LOCKING TYPE

S1 - SINGLE CHANNEL SURFACE RACEWAY
S2 - DUAL CHANNEL SURFACE RACEWAY
U - INTEGRAL USB
WP - WEATHERPROOF IN-USE
X - MOUNTED IN EXISTING OUTLET BOX

	125V. 20A., (WALL/+2" ABOVE BACKSPLASH OR COUNTERTOP TO BOTTOM) SIMPLEX RECEPTACLE, 2 POLE, 3 WIRE (NEMA 5-20R)
GFCI GFCI	125V. 20A., (WALL/+2" ABOVE BACKSLPASH OR COUNTERTOP TO BOTTOM) DUPLEX RECEPTACLE, 2 POLE, 3 WIRE (NEMA 5-20R)
	125V. 20A., (WALL/+2" ABOVE BACKSPLASH OR COUNTERTOP TO BOTTOM) DOUBLE DUPLEX (QUADRAPLEX) RECEPTACLE, 2 POLE, 3 WIRE (NEMA 5-20R)
GFCI	125V. 20A., (CEILING, MOUNTED) DUPLEX RECEPTACLE, 2 POLE, 3 WIRE (NEMA 5-20R)
	125V. 20A., (WALL/+2" ABOVE BACKSPLASH OR COUNTERTOP TO BOTTOM) EMERGENCY DUPLEX RECEPTACLE, 2 POLE, 3 WIRE (NEMA 5-20R)
GFCI GFCI	125V. 20A., (WALL/+2" ABOVE BACKSPLASH OR COUNTERTOP TO BOTTOM) DOUBLE DUPLEX (QUADRAPLEX) RECEPTACLE, CONNECTED TO EMERGENCY POWER SYSTEM, 2 POLE, 3 WIRE (NEMA 5-20R)
	SPECIAL RECEPTACLE - NEMA CONFIGURATION AS INDICATED ON DRAWING
Ⓙ Ⓙ	JUNCTION BOX (RECESSED/SURFACE)
	DIRECT CONNECTION TO EQUIPMENT
PB	PULLBOX. PROVIDE PULLBOXES INDICATED AS A MINIMUM. PROVIDE ADDITIONAL PULLBOXES, SIZED PER NEC, AS REQUIRED
Ⓙ	FLUSH JUNCTION BOX WITH FURNITURE FEED ADAPTING CONNECTOR MOUNTED AT 6" A.F.F.
GFCI GFCI GFCI	SURFACE-MOUNTED RACEWAY WITH RECEPTACLES IN LOCATIONS INDICATED
	WIREWAY - WALL MOUNTED U.O.N.
FB	FLOOR BOX
$	SINGLE POLE SWITCH
$\$_3$	THREE-WAY SWITCH
$\$_4$	FOUR-WAY SWITCH
$\$_P$	SINGLE POLE SWITCH W/ PILOT LIGHT
$\$_{3P}$	THREE-WAY SWITCH WITH PILOT LIGHT
$\$_K$	KEY OPERATED SINGLE POLE SWITCH
$\$_{3K}$	KEY OPERATED THREE-WAY SWITCH

FIRE ALARM SYSTEM

SUBSCRIPTS FOR FIRE ALARM SYSTEM DEVICES INDICATE THE FOLLOWING, U.O.N:

S - SURFACE MOUNTED
WP - WEATHERPROOF
X - MOUNTED IN EXISTING OUTLET BOX

FACP FACP	FIRE ALARM CONTROL PANEL (FLUSH/SURFACE)
RACP RACP	REMOTE FIRE ALARM CONTROL PANEL (FLUSH/SURFACE)
FAAP FAAP	FIRE ALARM ANNUNCIATOR PANEL (FLUSH/SURFACE)
M	MANUAL PULLSTATION
S	SPEAKER
S	SPEAKER/STROBE
H	HORN
H	HORN/STROBE
V	VISUAL STROBE
B	BELL WITH VISUAL INDICATOR
F_S	SMOKE DETECTOR
F_R	HEAT DETECTOR
D_S	DUCT DETECTOR - SUPPLY DUCT
D_R	DUCT DETECTOR - RETURN DUCT
R	DOOR HOLD RELEASE DEVICE
AR	ADDRESSABLE RELAY
TS	SPRINKLER SYSTEM TAMPER SWITCH
FS	SPRINKLER SYSTEM FLOW SWITCH
PS	SPRINKLER SYSTEM PRESSURE SWITCH
P	POST INDICATOR VALVE

LIGHTING CONTROL DEVICES

SYMBOL	MOUNTING	DIMMING TYPE	OCCUPANCY SENSOR TYPE	SWITCH/ BUTTONS	CONTROL DESCRIPTION
D	WALL	0-10V	N/A	(1)	- (1) MANUAL SWITCH ON (TO SELECTED LIGHT LEVEL)/OFF. - (1) MANUAL LIGHT LEVEL WITH SLIDER.
D_{D2}	WALL	0-10V	DUAL TECH.	(1)	- (1) MANUAL SWITCH ON (TO SELECTED LIGHT LEVEL)/OFF. - (1) MANUAL LIGHT LEVEL WITH SLIDER. - MANUAL ON / AUTO OFF.
D_{D3}	WALL	LINE VOLT.	N/A	(1)	- (1) MANUAL SWITCH ON (TO SELECTED LIGHT LEVEL)/OFF. - (1) MANUAL LIGHT LEVEL WITH SLIDER.
D_{DMX}	WALL	DMX	N/A	MULTI.	- DMX COLOR CHANGING CONTROLLER. - NICOLAUDIE STICK-CU4.
$\$_{OS1}$	WALL	N/A	DUAL TECH.	(1)	- (1) MANUAL SWITCH ON/OFF. - MANUAL ON / AUTO OFF.
$\$_{OS2}$	WALL	N/A	DUAL TECH.	(2)	- (2) MANUAL SWITCH ON/OFF. - MANUAL ON / AUTO OFF.
$\$_{OS3}$	WALL	N/A	DUAL TECH.	(1)	- (1) MANUAL SWITCH ON/OFF. - AUTO ON / AUTO OFF.
(O1)	CEILING	N/A	DUAL TECH.	N/A	- AUTO-ON / AUTO-OFF - 1000 SQFT COVERAGE. - TWO RELAYS IN POWER PACK. - DISTRIBUTION COVERAGE AS REQUIRED FOR SPACE SIZE.
(O2)	CEILING	N/A	DUAL TECH.	N/A	- AUTO-ON / AUTO-OFF - 2000 SQFT COVERAGE. - TWO RELAYS IN POWER PACK. - DISTRIBUTION COVERAGE AS REQUIRED FOR SPACE SIZE.
(O3)	CEILING	N/A	DUAL TECH.	N/A	- AUTO-ON / AUTO-OFF - 2000 SQFT COVERAGE. - TWO RELAYS IN POWER PACK. - DISTRIBUTION COVERAGE AS REQUIRED FOR SPACE SIZE.
(HB)	CEILING	N/A	PIR	N/A	- MANUAL OR AUTO-ON / AUTO-OFF - HIGHBAY COVERAGE. - TWO RELAYS IN POWER PACK. - DISTRIBUTION COVERAGE AS REQUIRED FOR SPACE SIZE.

(NOTES APPLY TO ALL ELECTRICAL DRAWINGS)

GENERAL SYMBOLS & ABBREVIATIONS NOTES

#	NOTES
A	CONNECT ALL LIGHTING FIXTURES WITHIN ROOM TO INDICATED SWITCH AND BRANCH CIRCUIT, U.O.N.
B	WHERE MULTIPLE SWITCHES, RECEPTACLES, AND OTHER OUTLETS (EXCEPT PHONES) ARE INDICATED, PROVIDE MULTI-GANGEBACK OUTLET BOXES WITH GANG BARRIERS AND A COMMON FACEPLATE FOR SIMILIAR DEVICES.
C	WHERE EXIT SIGNS ARE INDICATED ABOVE DOOR, MOUNT AS FOLLOWS: IF THE DISTANCE BETWEEN THE TOP OF THE DOOR FRAME AND THE CEILING IS 24 INCHES OR LESS, CENTER THE EXIT SIGN BETWEEN TOP OF DOOR FRAME AND CEILING. OTHERWISE, MOUNT BOTTOM OF EXIT SIGN 6 INCHES ABOVE TOP OF DOOR FRAME. MOUNT OTHER WALL MOUNTED EXIT SIGNS LOCATED WITHIN THE SAME AREA AT THE SAME HEIGHT.
D	WHERE DIFFERENT RECESSED ELECTRICAL DEVICES WITH THE SAME MOUNTING HEIGHTS ARE INDICATED SIDE-BY-SIDE, MOUNT THE DEVICES SO THAT THERE IS FOUR INCHES BETWEEN ADJACENT VERTICAL EDGES.
E	WHERE ELECTRICAL DEVICES WITH DIFFERENT MOUNTING HEIGHTS ARE LOCATED IN THE SAME AREA ALIGN DEVICES VERTICALLY THROUGH THEIR CENTERLINES.
F	INSTALL SEPARATE INDEPENDENT NEUTRAL CONDUCTORS FOR ALL 120V AND 277V CIRCUITS. DO NOT SHARE NEUTRALS.
G	ALL EXIT FIXTURES AND FIXTURES INDICATED WITH "NL" SHALL BE UNSWITCHED.
H	INSTALL NO MORE THAN THREE PHASE CONDUCTORS (PLUS NEUTRALS AND GROUND) PER CONDUIT UNLESS T310-15 NEC IS FOLLOWED.
I	NUMBER OF WIRES INDICATED ON DRAWINGS, IN PANEL SCHEDULES AND CIRCUIT SIZING SCHEDULES APPLIES TO CURRENT CARRYING CONDUCTORS INCLUDING NEUTRALS. IN ADDITION TO THE NUMBER OF WIRES INDICATED, PROVIDE AN EQUIPMENT GROUNDING CONDUCTOR SIZED AS SCHEDULED OR SIZED BY NEC 250.
J	UNLESS OTHERWISE NOTED, PROVIDE FEEDERS AND BRANCH CIRCUITS WHICH HAVE AN AMPACITY EQUAL TO OR GREATER THAN THE CIRCUIT OVERCURRENT PROTECTIVE DEVICE RATING SERVING THE CIRCUIT. REFER TO CIRCUIT SIZING SCHEDULE FOR SIZES OF FEEDERS AND BRANCH CIRCUITS.
K	COORDINATE LOCATION OF CEILING MOUNTED FIRE ALARM DEVICES WITH OTHER EQUIPMENT TO AVOID INTERFERENCE. LOCATE FIRE ALARM DEVICES AS NEAR TO LOCATION INDICATED WHILE AVOIDING INTERFERENCES.
L	MAKE FINAL CONNECTION BETWEEN DISCONNECT AND EQUIPMENT BEING SERVED BY FEEDER OR BRANCH CURRENT.
M	DIVISION 26 CONTRACTOR SHALL REFER TO LIFE SAFETY PLAN FOR FIRE-RATING REQUIREMENTS. DIVISION 26 CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING FIRE-RATED DEVICES/SEALS AS SHOWN ON ELECTRICAL DRAWINGS AND AS REQUIRED BASED ON LIFE SAFETY PLAN INFORMATION.
N	PER NEC ARTICLE 110.26(A) AND 110.26(F) THE DEDICATED ELECTRICAL SPACE INCLUDES THE SPACE DEFINED BY EXTENDING THE FOOTPRINT OF THE ELECTRICAL EQUIPMENT (INCLUDING BUT NOT LIMITED TO SWITCHBOARDS, PANELBOARDS, TRANSFORMERS, MOTOR CONTROLLERS) FROM THE FLOOR TO A HEIGHT OF 6'-0" ABOVE THE HEIGHT OF THE EQUIPMENT OR TO THE STRUCTURAL CEILING, WHICH EVER IS LOWER. THE DEDICATED ELECTRICAL SPACE MUST BE CLEAR OF ANY PIPING, DUCTS, LEAK PROTECTION APPARATUS, OR EQUIPMENT FOREIGN TO THE ELECTRICAL INSTALLATION. PLUMBING, HEATING, VENTILATION, AND AIR-CONDITIONING PIPING, DUCTS, AND EQUIPMENT MUST BE INSTALLED OUTSIDE THE WIDTH AND DEPTH ZONE. CONTRACTOR SHALL MAKE SURE NO PIPING OR DUCT WORK IS INSTALLED ABOVE THE ELECTRICAL EQUIPMENT. COORDINATE THESE REQUIREMENTS WITH ALL OTHER TRADES PRIOR TO INSTALLATION.
O	CONTRACT DOCUMENTS CONSISTS OF BOTH A PROJECT MANUAL AND DRAWINGS. BOTH ARE MEANT TO BE COMPLEMENTARY - ANYTHING APPEARING ON EITHER MUST BE EXECUTED THE SAME AS IF SHOWN ON BOTH.

VOLTAGE DROP NOTES:

A. VOLTAGE DROP ADJUSTMENTS FOR FEEDERS AND BRANCH CIRCUITS ARE NOT SHOWN ON THE DRAWINGS. CONTRACTOR SHALL ADJUST BRANCH CIRCUIT WIRING TO LIMIT VOLAGE DROP TO 3%. CONTRACTOR SHALL ADJUST FEEDER WIRING TO LIMIT VOLTAGE DROP TO 2% BASED ON DEMAND LOAD INFORMATION.

DEVICE BOX INSTALLATION:

A. DEVICE BOXES ABANDONED IN WALLS THAT ARE NOT REUSED SHALL HAVE BLANK COVERPLATE INSTALLED.
B. NEW DEVICES SHOWN TO BE INSTALLED ON EXISTING BLOCK WALLS SHALL INSTALLED USING SURFACE MOUNTED RACEWAY (WIREMOLD).
C. NEW DEVICES SHOWN TO BE INSTALLED IN EXISTING DRYWALL WALLS SHALL BE INSTALLED FLUSH IN THE WALL WITH ALL WIRING CONCEALED. CUT AND PATCH WALLS AS REQUIRED.
D. FIRE ALARM DEVICES INSTALLED IN SURFACE BOXES SHALL UTILIZE FACTORY SURFACE BOXES TO MATCH FIRE ALARM DEVICE DIMENSIONS.

SURFACE MOUNTED RACEWAY INSTALLATION:

A. SURFACE RACEWAY (WIREMOLD) INSTALLATION SHALL BE COORDINATED AND APPROVDED IN ADVANCE WITH THE ARCHITECT.
B. VERTICAL DROPS SHALL BE MADE IN THE CORNERS OF THE ROOM AND THEN ROUTED HORIZONTALLY TO DEVICES. VERTICAL DROPS AWAY FROM THE CORNER OF THE ROOM SHALL NOT BE DONE WITHOUT APPROVAL FROM THE ARCHITECT. ALL SURFACE MOUNTED RACEWAY SHALL BE PAINTED TO MATCH THE WALL.

A2.3

ADDEDNDUM #2.3

1. ALL RECEPTACLES SHOWN AT STANDARD HEIGHT IN WALLS TAGGED WITH NOTE 77 ON THE A-SERIES SHEETS SHALL BE LOWERED TO MISS WALL REVEALS.
2. THE FOLLOWING AIR HANDLING UNITS HAVE BEEN PROVIDED WITH (2) VFDS. CONNECT ADDITIONAL VFD AND PROVIDE ALL WIRING AND CONDUIT AS REQUIRED. VARIABLE FREQUENCY DRIVE PROVIDED BY DIV 23 AND INSTALLED BY DIV 26. REFER TO M SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
   - AHU-C2
   - AHU-C3
   - AHU-M1
   - AHU-M2
3. PROVIDE SURFACE MOUNTED RECEPTACLE IN ALL LOW SCOPE CLASSROOMS FOR A/V EQUIPMENT. INSTALL RECEPTACLE INDICATED AT +46" A.F.F. TO C.L. DIRECTLY ABOVE ADJACENT TEACHERS DESK RECEPTACLE. REFER TO T-SERIES DRAWINGS FOR DATA AND POWER LAYOUT. CONNECT TO NEAREST EXISTING RECEPTACLE CIRCUIT SERVING CLASSROOM.

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Project No. 2019-067.NCH
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Bid Set 03
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DAVID SHUCK
No. 19700101
STATE OF INDIANA

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

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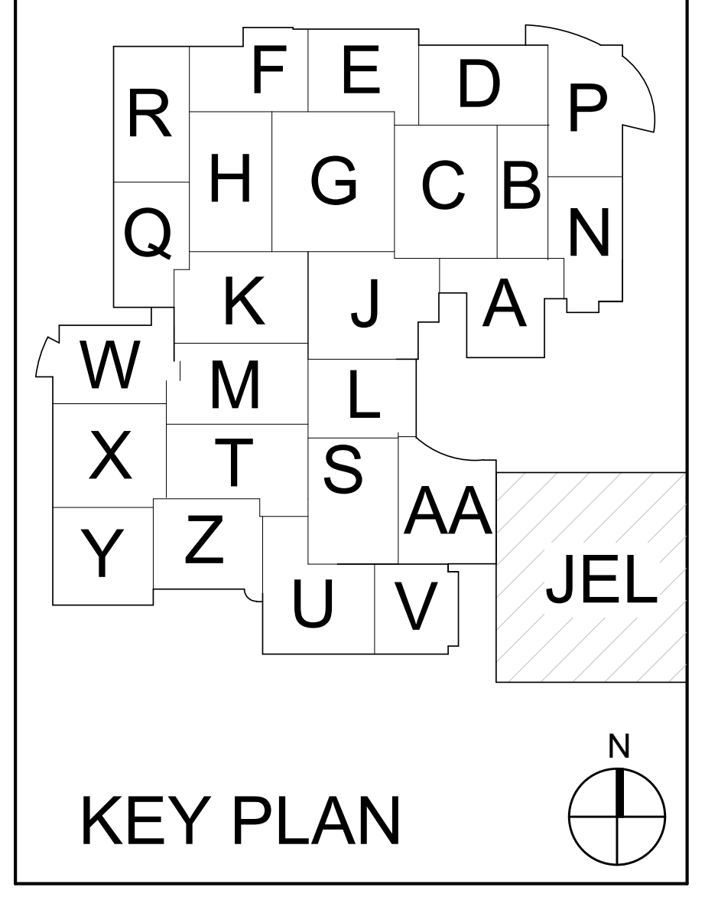

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

SYMBOLS AND ABBREVIATIONS

E-001.3

GENERAL DEMOLITION NOTES

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E	THE OWNER HOLDS RIGHT OF FIRST REFUSAL FOR ALL DEMOLISHED ELECTRICAL EQUIPMENT.
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K	REFER TO A, M, AND P-SERIES DRAWINGS FOR AREAS WITH ABOVE CEILING WORK AND/OR CEILING REMOVAL. TEMPORARILY SUPPORT ALL ELECTRICAL DEVICES, FIXTURES, ETC. AS REQUIRED. RE-INSTALL ELECTRICAL ITEMS FOLLOWING THE COMPLETION OF WORK IN THE NEW OR EXISTING CEILINGS.
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DEMOLITION PLAN NOTES

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2A SECOND FLOOR DEMOLITION PLAN - UNIT E
1/8" = 1'-0"

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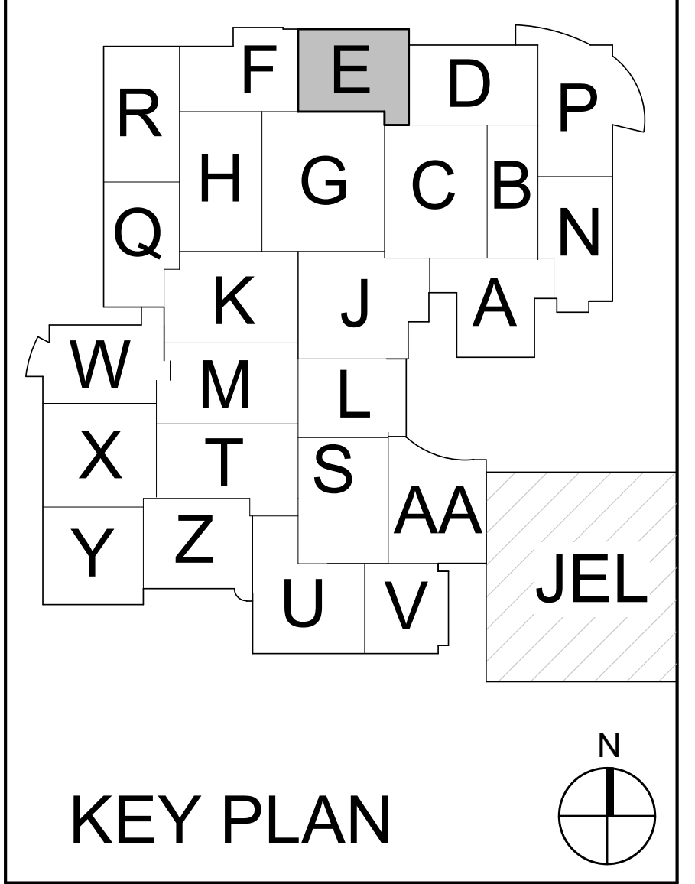

KEY PLAN

M.S.D. of Washington
Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR
DEMOLITION PLAN - UNIT
E

ED1E2.3

ED1E2.3_ SECOND FLOOR DEMOLITION PLAN - UNIT E
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_TEST PRINT
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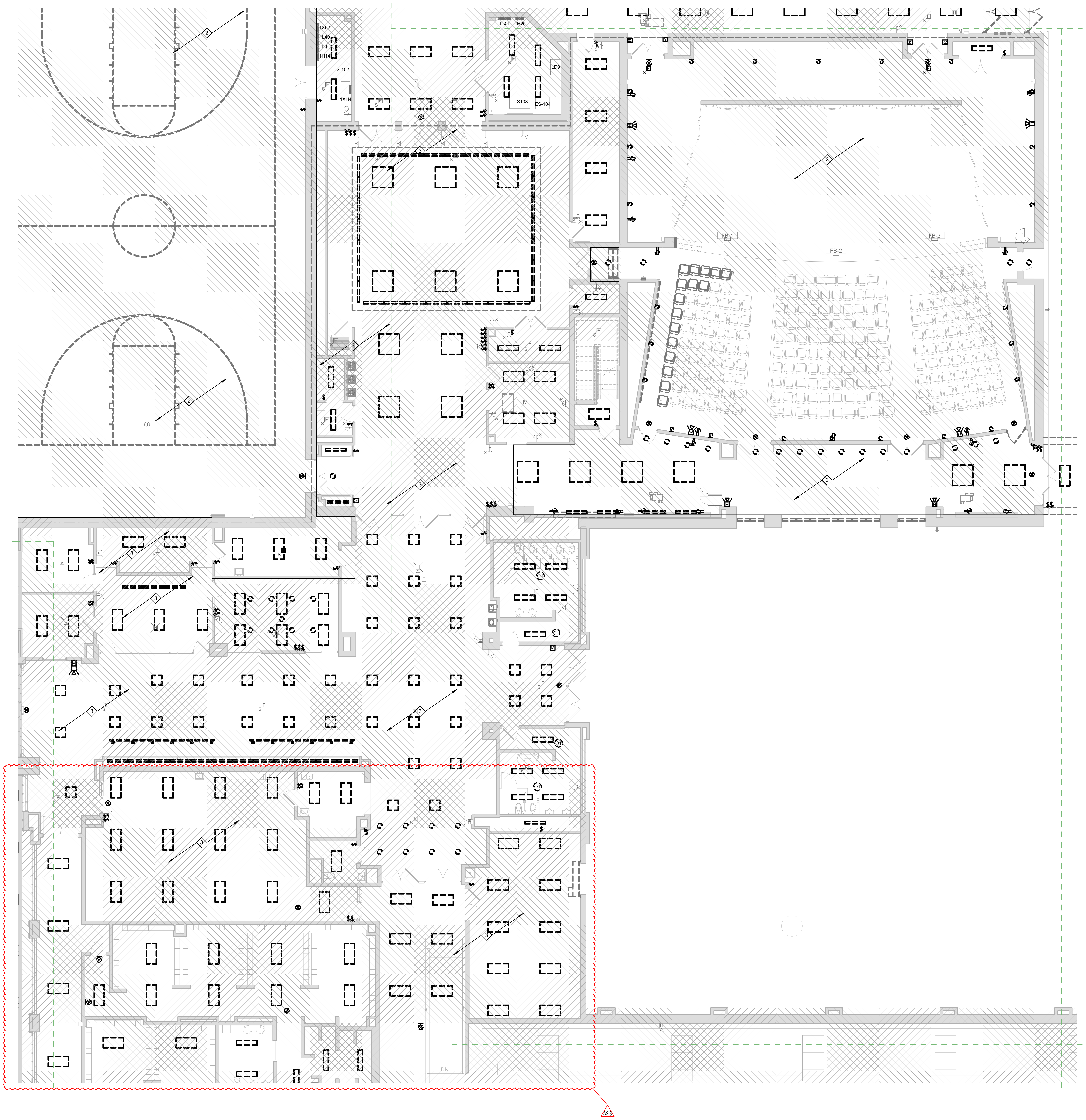

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DAVID SHUCK
No. 19700101

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A2.3	ADDENDUM 2.3	03.22.2023

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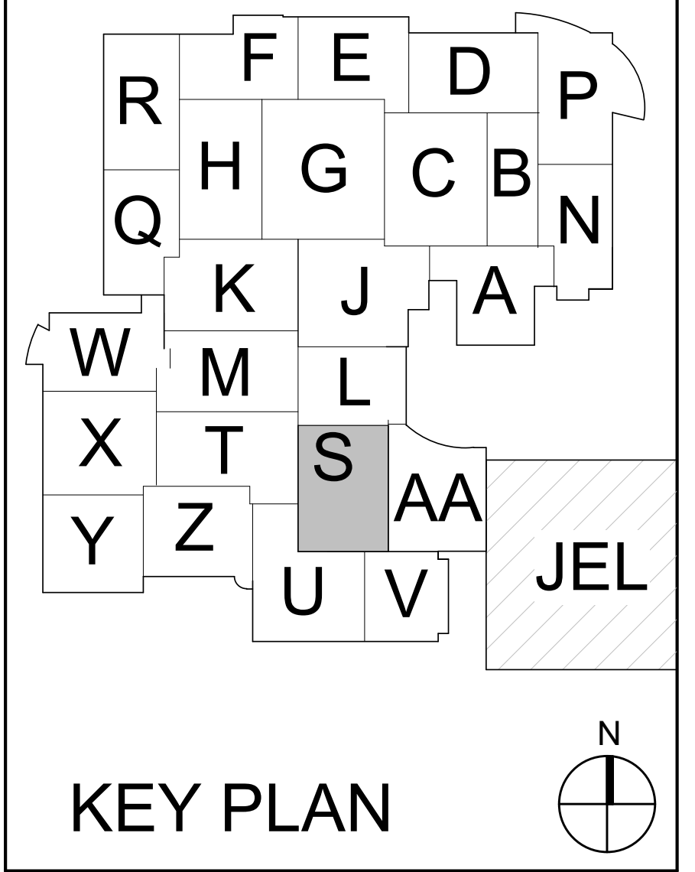

KEY PLAN

M.S.D. of Washington
Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR
DEMOLITION PLAN - UNIT
S

ED1S1.3

GENERAL DEMOLITION NOTES

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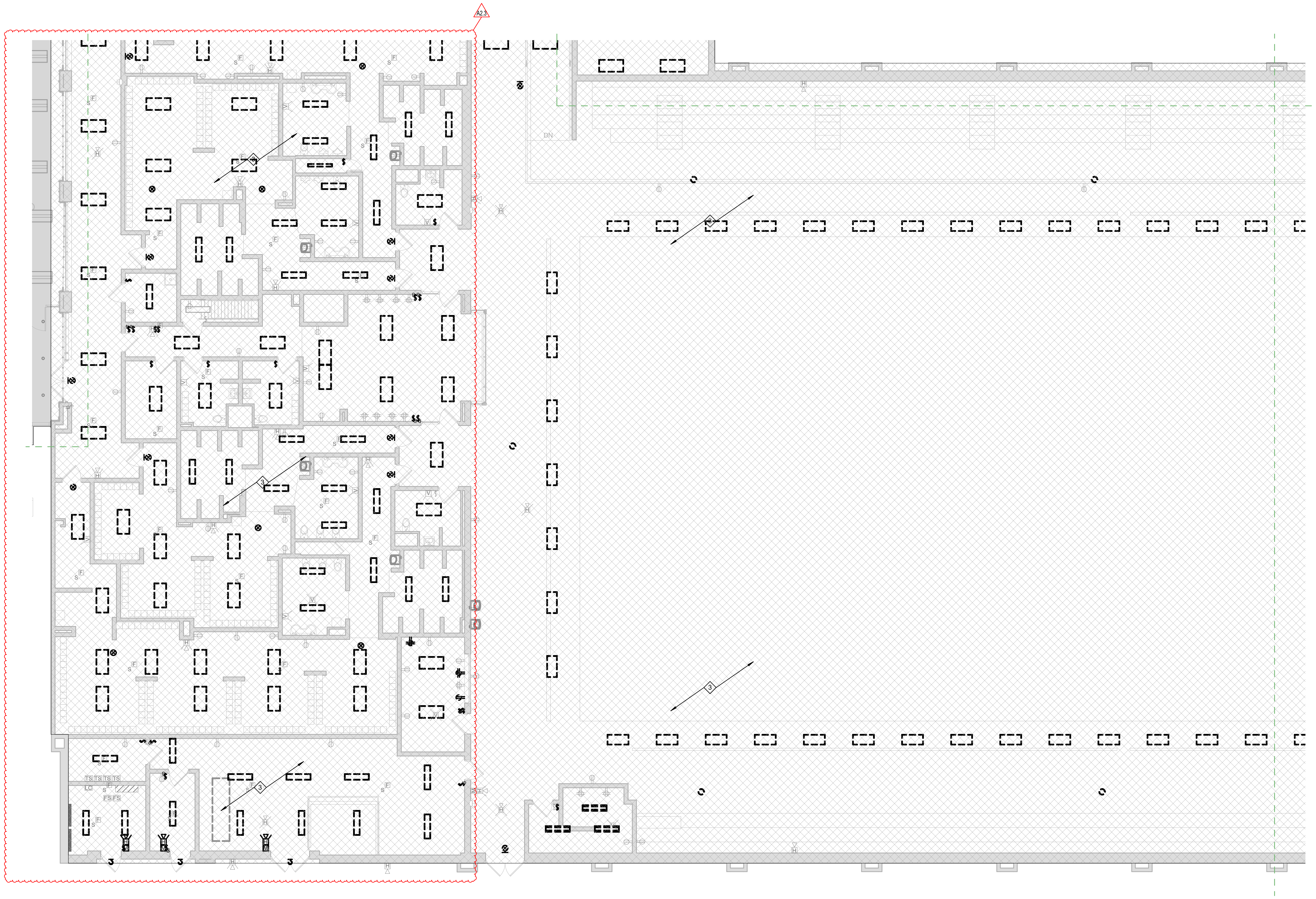

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1/8" = 1'-0"

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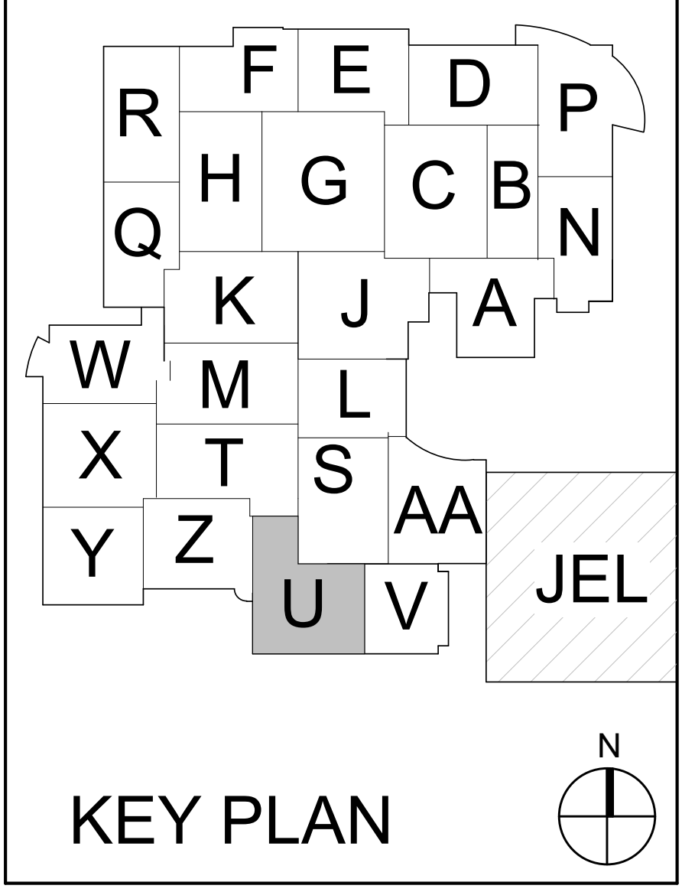

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR DEMOLITION PLAN - UNIT U

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ED1U1.3_ FIRST FLOOR DEMOLITION PLAN - UNIT U
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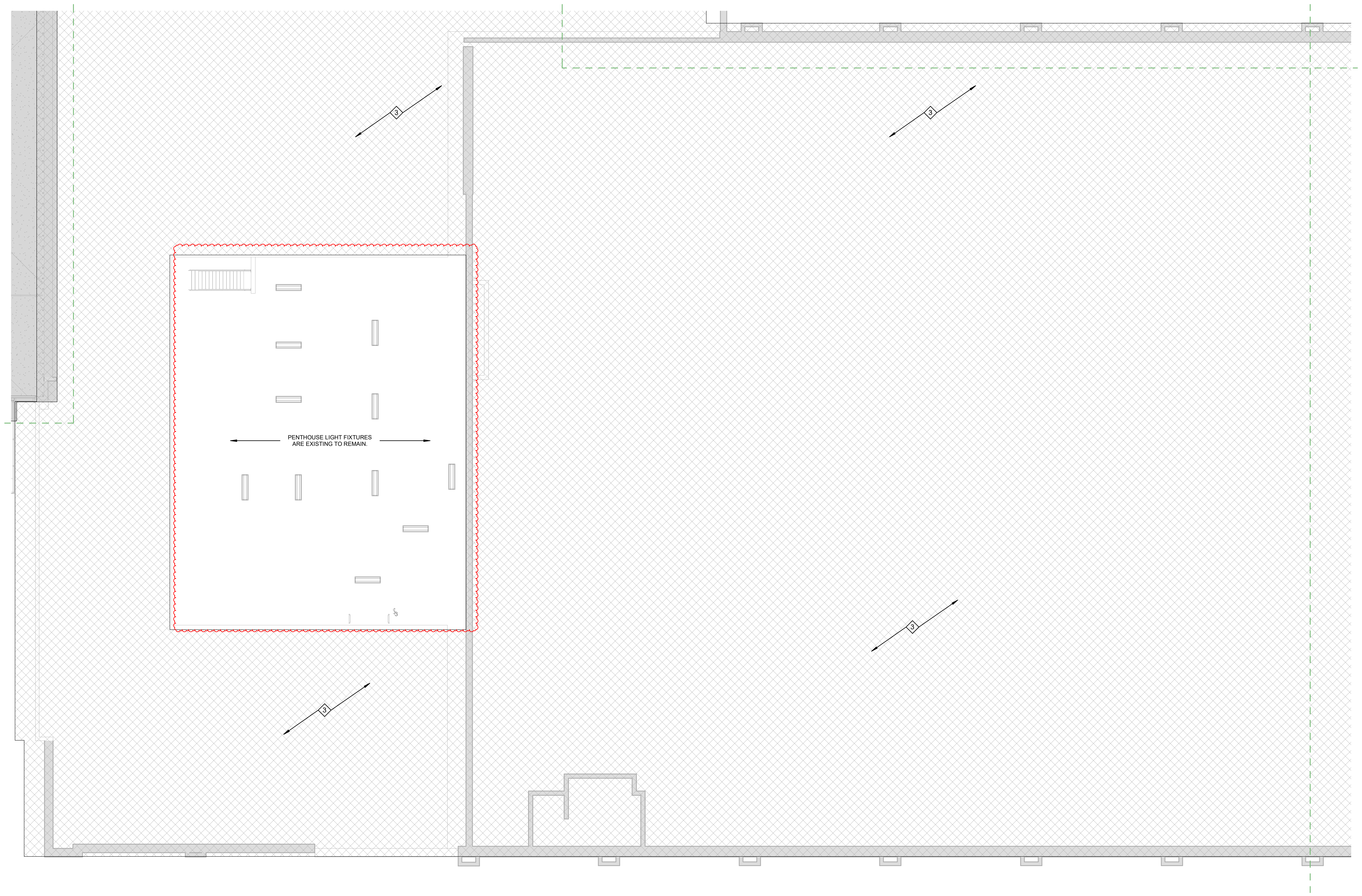

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5	LIGHT FIXTURES, RECEPTACLES AND FIRE ALARM DEVICES ARE EXISTING TO REMAIN. DISCONNECT EXISTING MANUAL PULLS AND DUCT DETECTORS. DISCONNECT EXISTING MECHANICAL EQUIPMENT SHOWN AS BOLD / DASHED. MAINTAIN EXISTING WIRING AND CONDUIT AS REQUIRED. REFER TO M SERIES SHEETS AND NEW WORK ON POWER AND FIRE ALARM SHEETS FOR ADDITIONAL INFORMATION ON MECHANICAL EQUIPMENT.
6	LIGHTING FIXTURES, RECEPTACLES, AND FIRE ALARM DEVICES ARE EXISTING TO REMAIN IN HATCHED AREA.
7	K HALL ELEVATOR ALTERNATE. PROVIDE ALTERNATE BID TO DISCONNECT AND REMOVE EXISTING ELEVATOR ELECTRICAL & FIRE ALARM EQUIPMENT / DEVICES SERVING ELEVATOR BACK TO NEAREST SOURCE TO REMAIN.
8	MDF SHALL REMAIN OPERATIONAL DURING CONSTRUTCTION.

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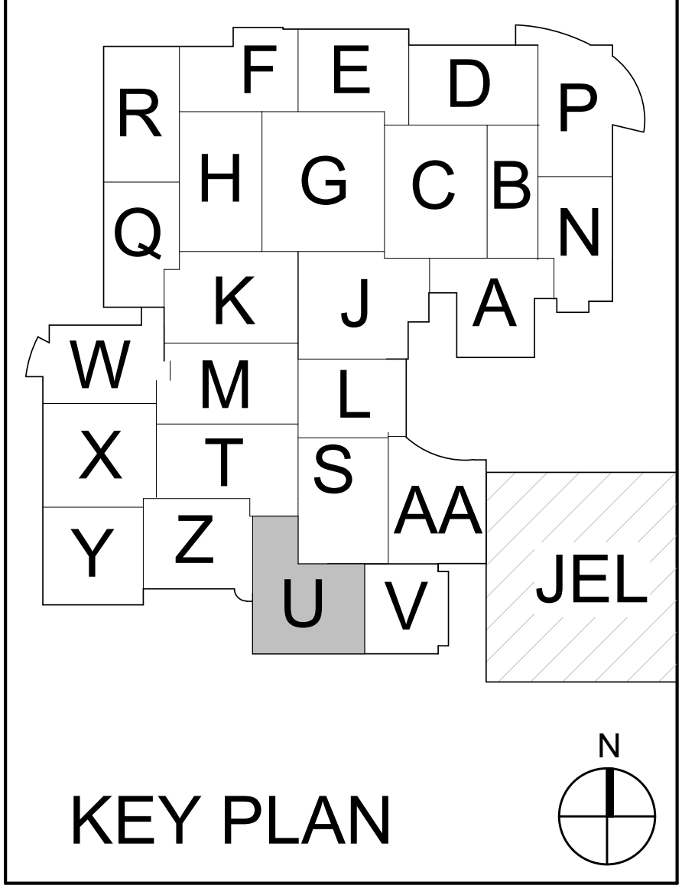
Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced JAW

DAVID SHUCK
REGISTERED
No. 19700101
STATE OF INDIANA
PROFESSIONAL ENGINEER

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

1801 East 86th Street
Indianapolis, IN 46240



KEY PLAN

M.S.D. of Washington
Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR
DEMOLITION PLAN - UNIT
U

ED1U2.3

GENERAL LIGHTING NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.
B	ALL LOWER LEVEL LIGHT FIXTURES ARE FED FROM PANELBOARD 'OXH1'.
C	NEW LIGHTING DEVICES / LIGHTING FIXTURES SHOWN TO BE INSTALLED ON EXISTING BLOCK WALLS / CEILINGS TIGHT TO STRUCTURE SHALL BE INSTALLED SURFACE MOUNTED AND IN SURFACE MOUNTED WIREMOLD PAINTED TO MATCH WALLS AND CEILINGS. WIREMOLD SHALL BE INSTALLED NEATLY AND AT RIGHT ANGLES TO STRUCTURE. WHEN POSSIBLE ROUTE VERTICAL WIREMOLD IN CORNERS THEN TO DEVICE / FIXTURE. WIREMOLD SHALL BE INSTALLED TO MINIMIZE LENGTH. REFER TO ARCHITECTURAL FLOOR PLANS AND REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION. CONFIRM EXACT WIREMOLD ROUTING WITH ARCHITECT PRIOR TO INSTALLATION.

LIGHTING PLAN NOTES

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2	ONE-FOR-ONE LIGHT FIXTURE REPLACEMENT. CONNECT NEW LIGHT FIXTURE TO CIRCUIT THAT WAS MAINTAINED DURING DEMOLITION.
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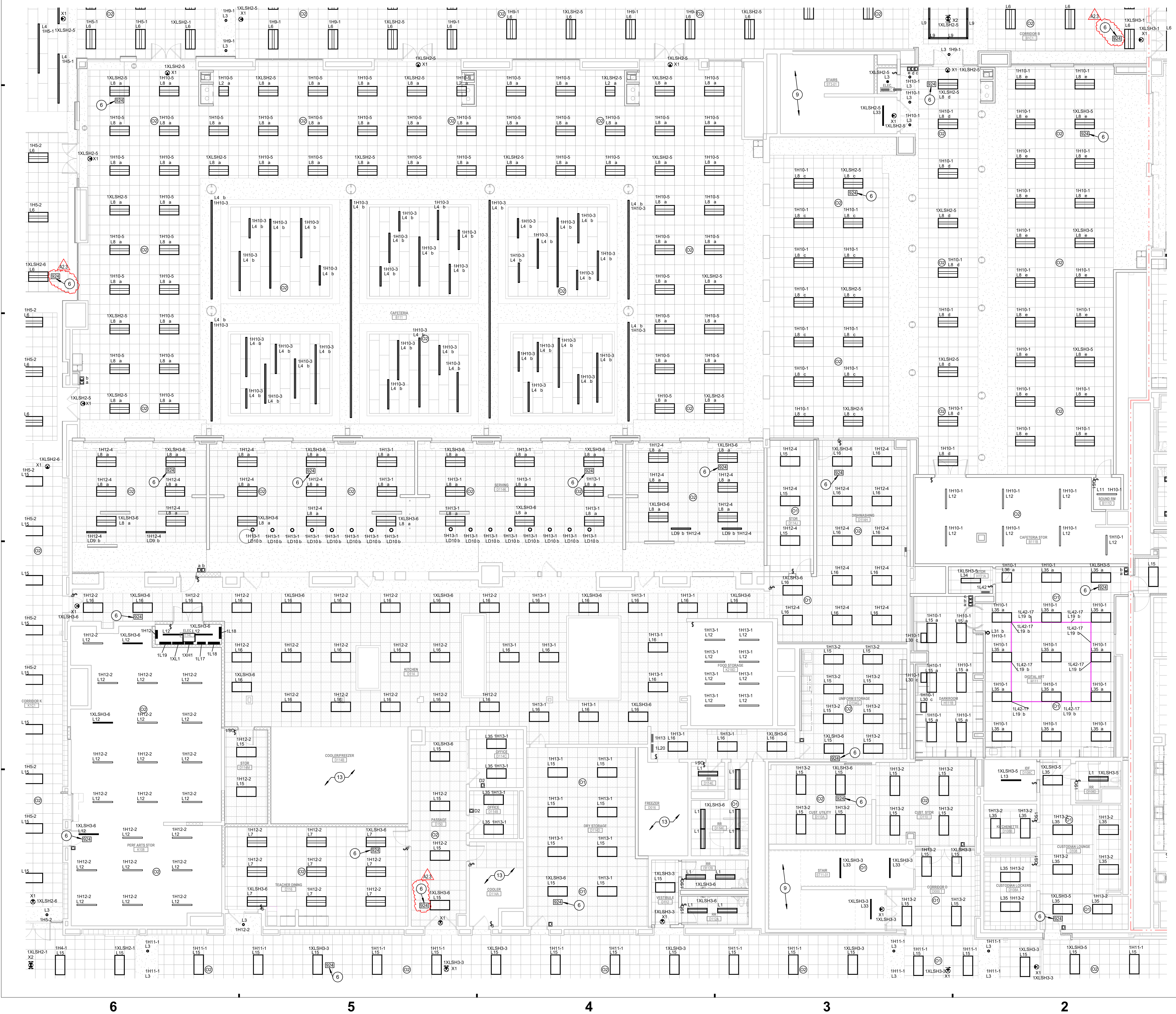

2A FIRST FLOOR LIGHTING PLAN - UNIT B AND C

1/8" = 1'-0"

SCHMIDT
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DAVID SHUCK
No. 19700101

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

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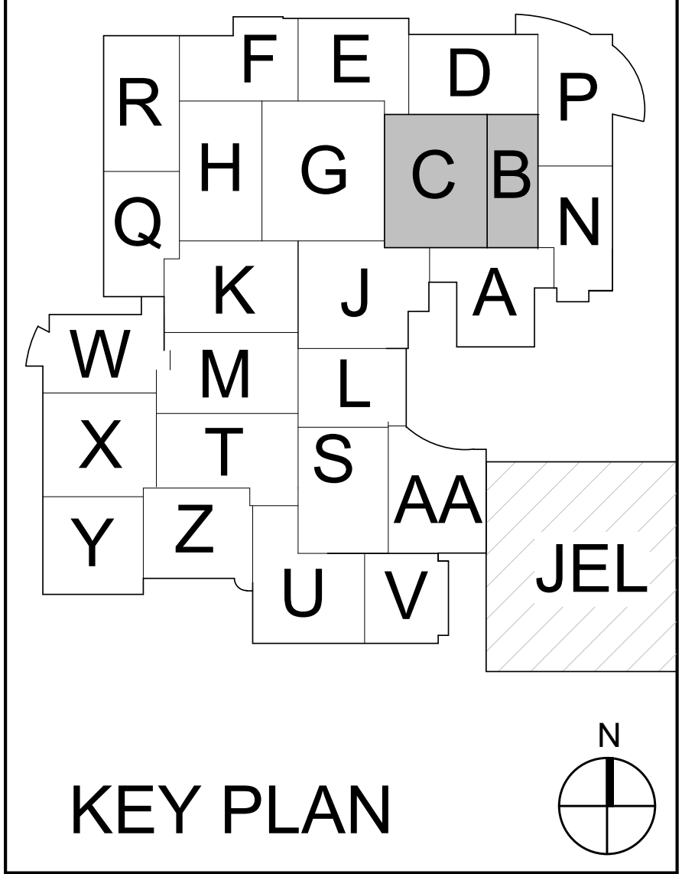


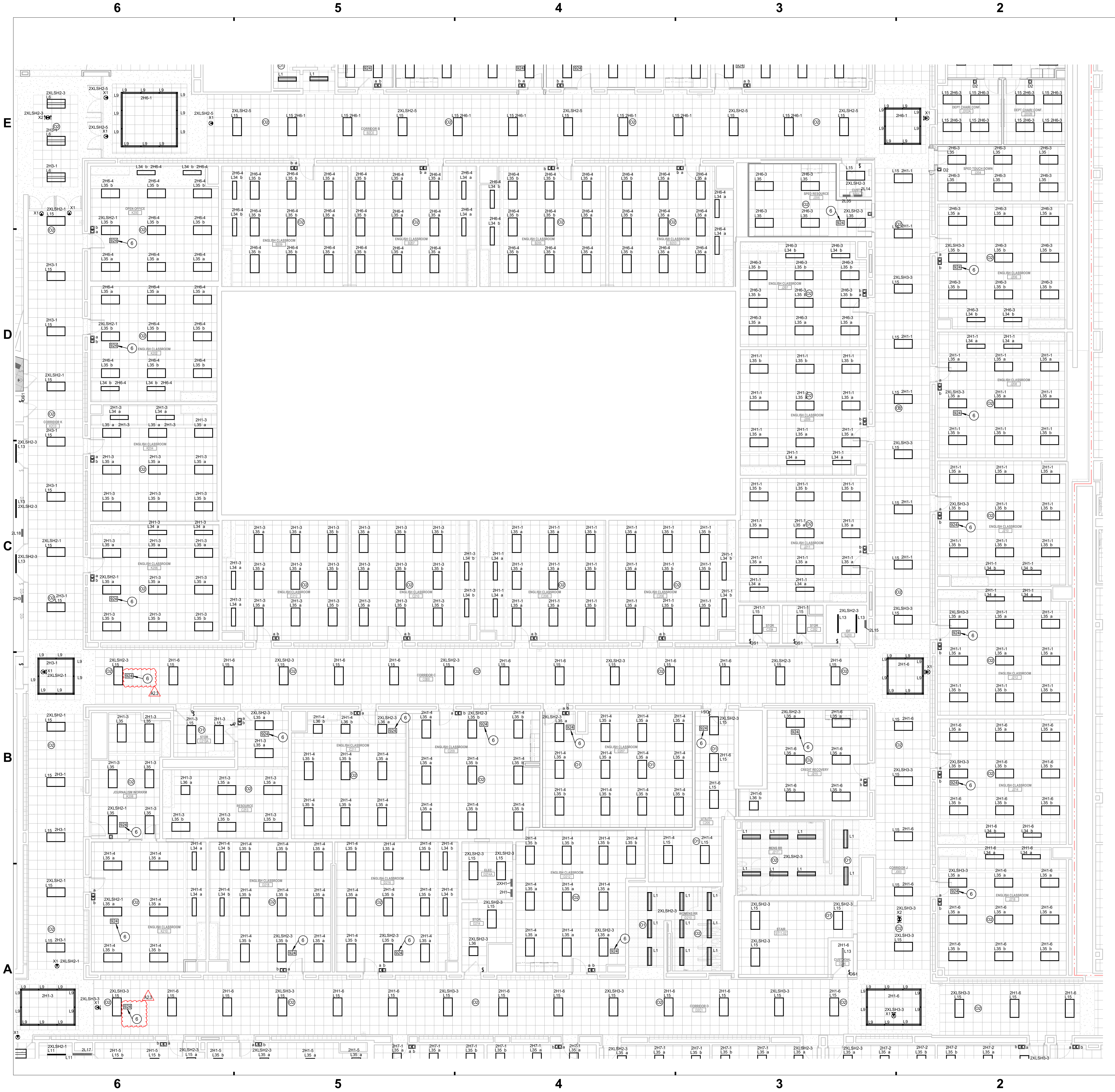
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR LIGHTING PLAN - UNIT B AND C

EL1BC1.3



2A SECOND FLOOR LIGHTING PLAN UNIT B AND C

1/8" = 1'-0"

GENERAL LIGHTING NOTES

#	NOTES
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DAVID SHUCK
No. 19700101

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A2.3	ADDENDUM 2.3	03.22.2023

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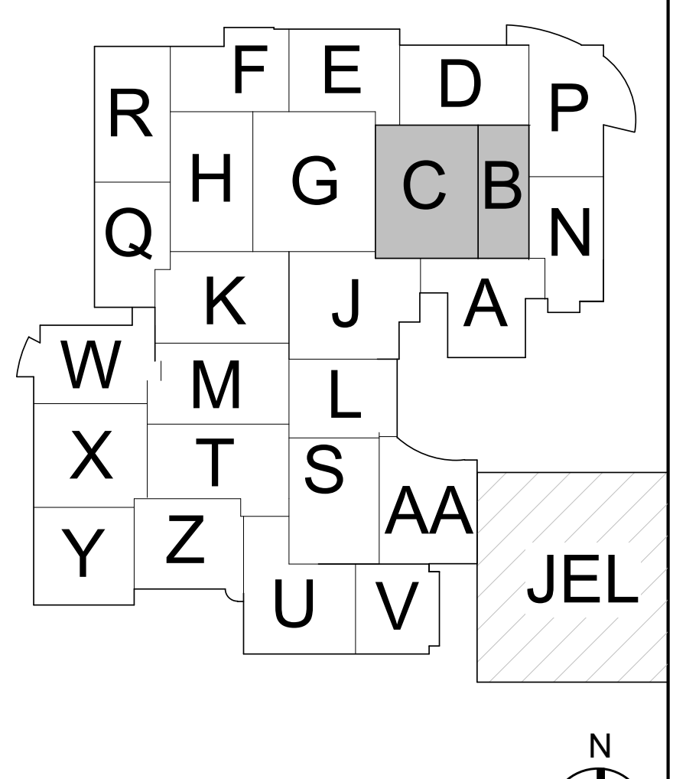

KEY PLAN

M.S.D. of Washington Township

North Central High School Renovation - Additions Phase 3

SECOND FLOOR LIGHTING PLAN - UNIT B AND C

EL1BC2.3

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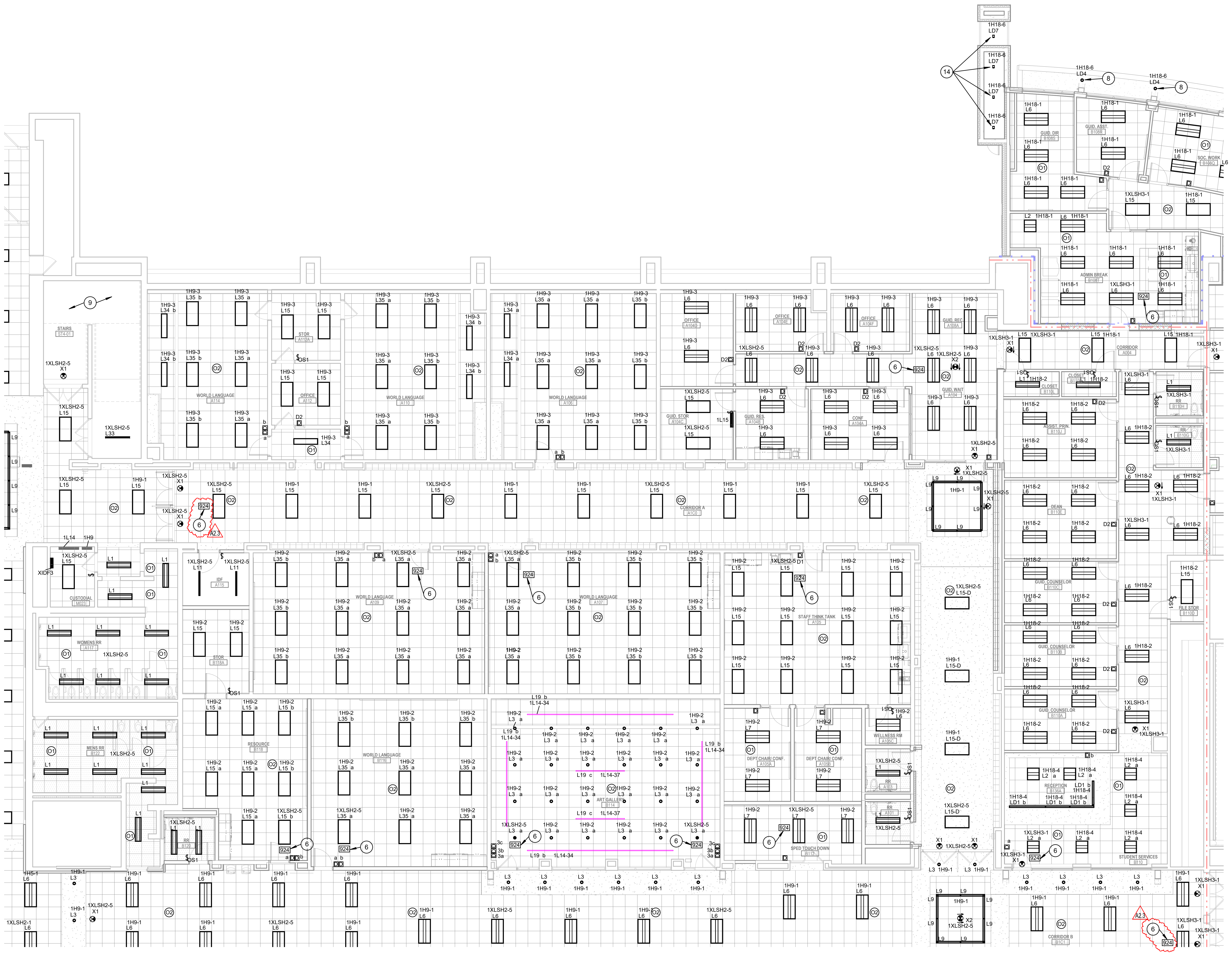

2A FIRST FLOOR LIGHTING PLAN - UNIT D
1/8" = 1'-0"

SCHMIDT
ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No.	2019-067.NCH
Project Date	03.03.2023
Bid Set	03
Produced	JAW

DAVID SHUCK
REGISTERED
No. 19700101
STATE OF INDIANA
PROFESSIONAL ENGINEER

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

1801 East 86th Street
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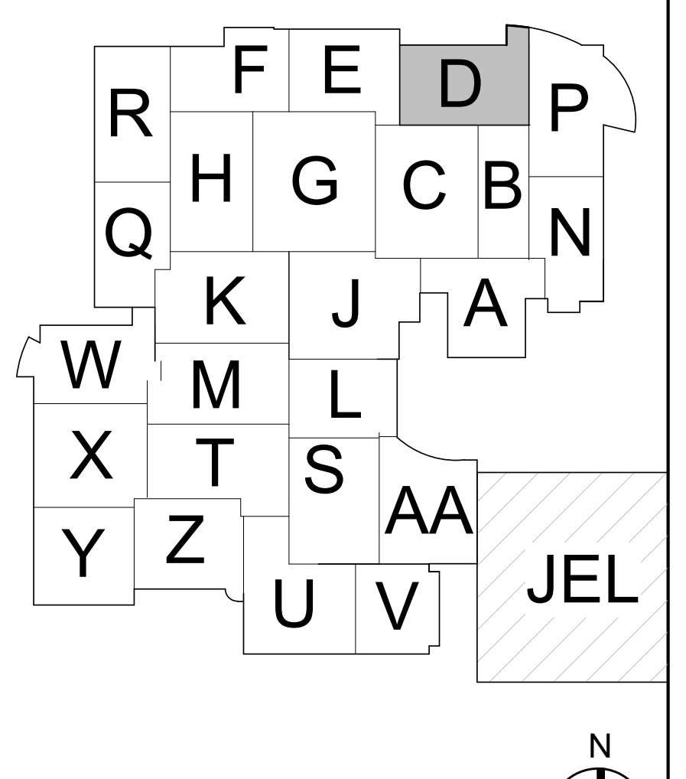

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR LIGHTING PLAN - UNIT D

EL1D1.3

GENERAL LIGHTING NOTES

#	NOTES
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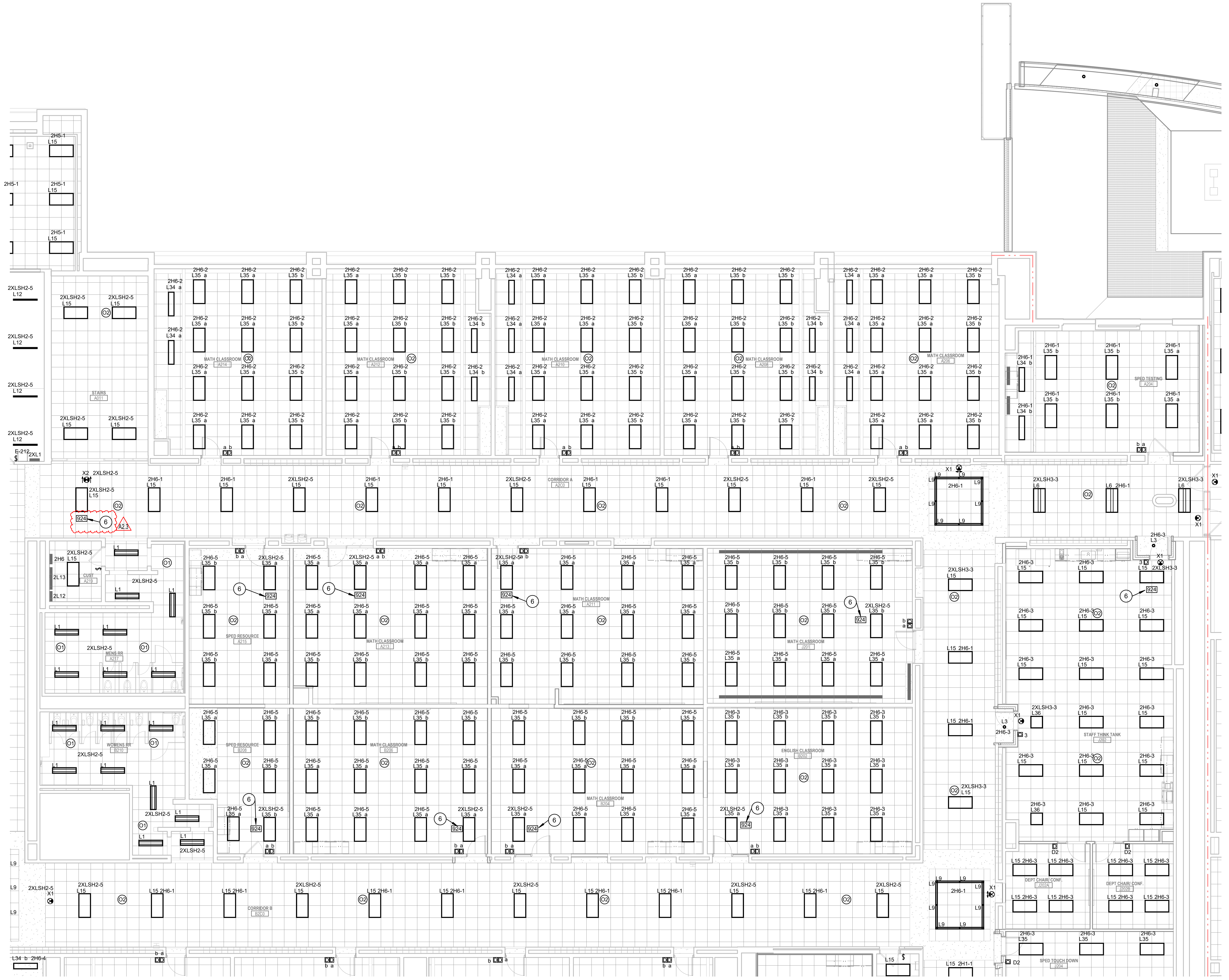

2A SECOND FLOOR LIGHTING PLAN UNIT D
1/8" = 1'-0"

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A2.3	ADDENDUM 2.3	03.22.2023

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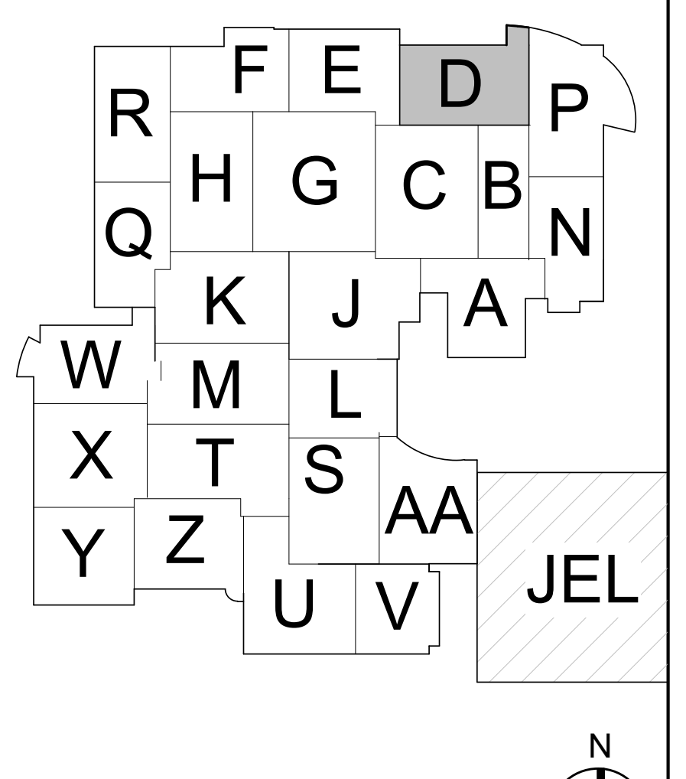

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR
LIGHTING PLAN - UNIT D

EL1D2.3

GENERAL LIGHTING NOTES

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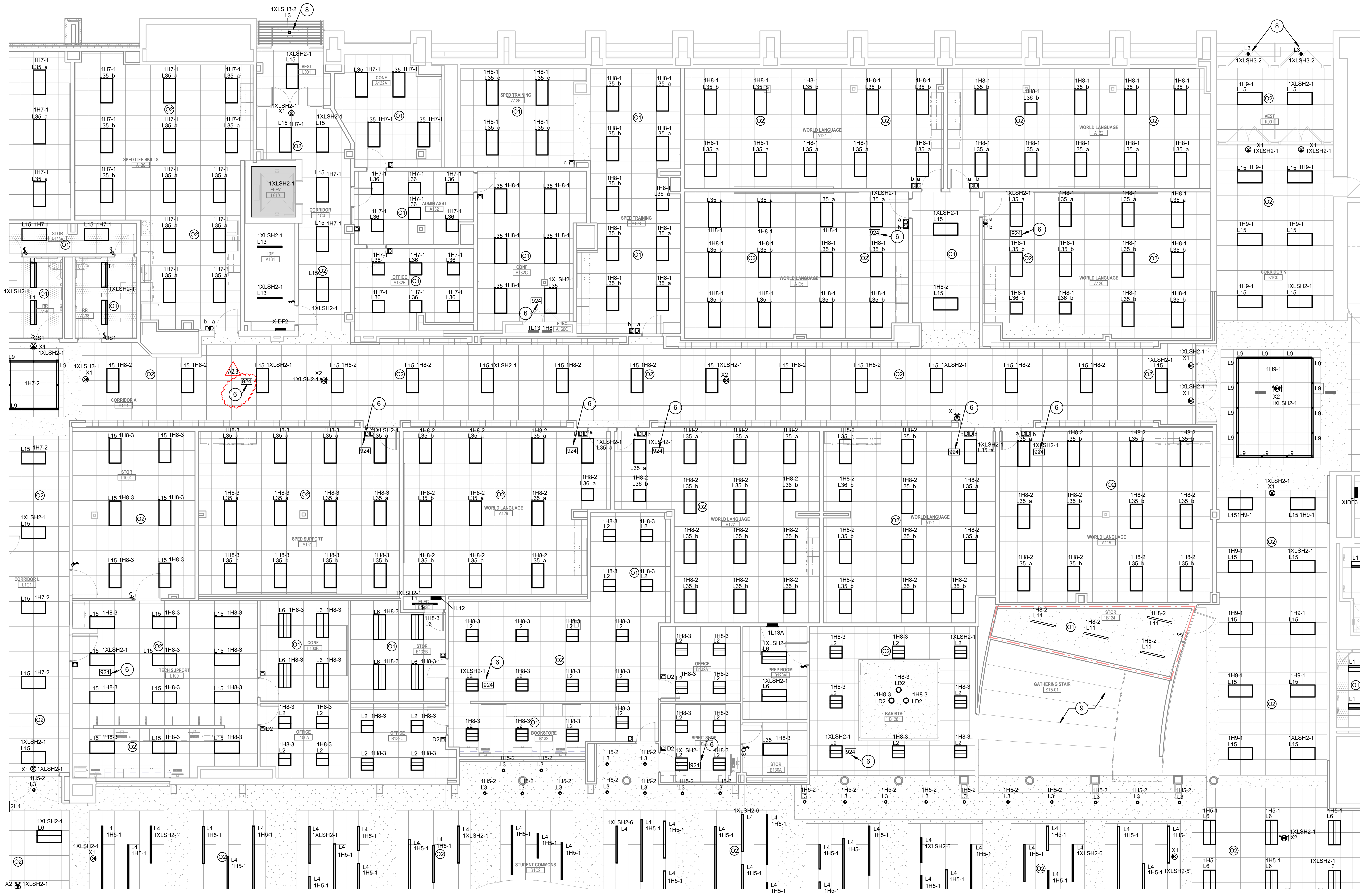

2A **FIRST FLOOR LIGHTING PLAN - UNIT E**
1/8" = 1'-0"

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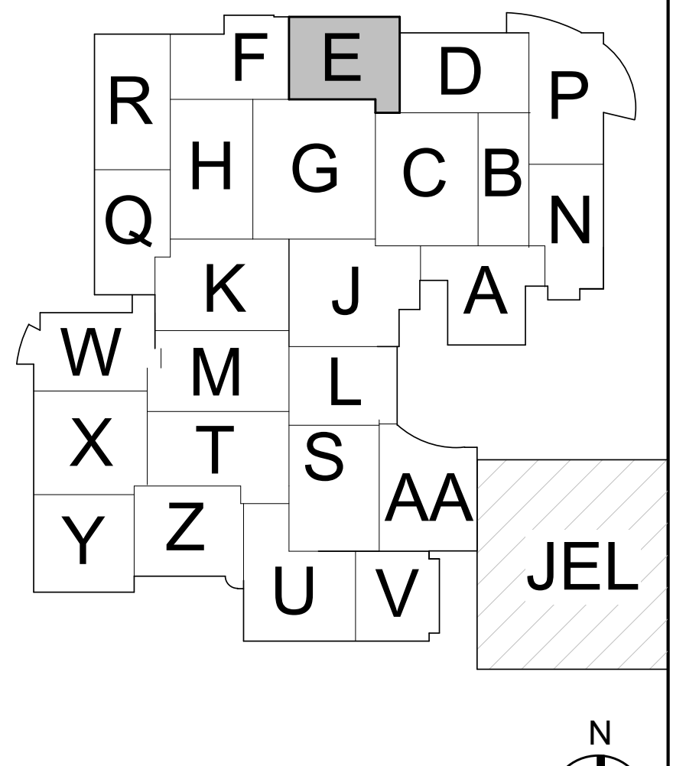

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR LIGHTING PLAN - UNIT E

EL1E1.3

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C	NEW LIGHTING DEVICES / LIGHTING FIXTURES SHOWN TO BE INSTALLED ON EXISTING BLOCK WALLS / CEILINGS TIGHT TO STRUCTURE SHALL BE INSTALLED SURFACE MOUNTED AND IN SURFACE MOUNTED WIREMOLD PAINTED TO MATCH WALLS AND CEILINGS. WIREMOLD SHALL BE INSTALLED NEATLY AND AT RIGHT ANGLES TO STRUCTURE. WHEN POSSIBLE ROUTE VERTICAL WIREMOLD IN CORNERS THEN TO DEVICE / FIXTURE. WIREMOLD SHALL BE INSTALLED TO MINIMIZE LENGTH. REFER TO ARCHITECTURAL FLOOR PLANS AND REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION. CONFIRM EXACT WIREMOLD ROUTING WITH ARCHITECT PRIOR TO INSTALLATION.

LIGHTING PLAN NOTES

#	NOTES
1	CONNECT NEW LIGHT FIXTURES TO NORMAL AND/OR EMERGENCY CIRCUITS THAT WERE MAINTAINED DURING DEMOLITION.
2	ONE-FOR-ONE LIGHT FIXTURE REPLACEMENT. CONNECT NEW LIGHT FIXTURE TO CIRCUIT THAT WAS MAINTAINED DURING DEMOLITION.
3	CONNECT NEW DEVICES TO CIRCUIT THAT WAS MAINTAINED DURING DEMOLITION.
4	CONNECT NEW LIGHT FIXTURES TO CLOSEST LIGHTING CIRCUIT IN THIS AREA.
5	MOUNT FIXTURES INDICATED BELOW PIPING. REWORK WIRE AND CONDUIT AS REQUIRED.
6	PROVIDE UL 924 AUTOMATIC LOAD CONTROL RELAY IN OUTLET BOX FLUSH-MOUNTED IN CEILING TO ZONE CONTROL EMERGENCY LIGHTING IN THIS ROOM/SPACE. CONNECT UL 924 DEVICE TO NORMAL AND EMERGENCY CIRCUITS INDICATED AT DEVICE. CONTROL FIXTURE(S) BASED ON SWITCH LEG(S) WHERE REQUIRED.
7	COORDINATE FINAL LOCATION OF FIXTURES WITH ELEVATOR INSTALLATION CONTRACTOR.
8	CONNECT FIXTURE TO EXTERIOR LIGHTING CONTROLS.
9	REFER TO SECOND FLOOR LIGHTING PLAN FOR FIXTURE LAYOUT AND CONTROLS FOR THIS ROOM/AREA.
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12	4 SCENE LOW VOLTAGE PUSHBUTTON WALL STATION, WITH DIMMING CAPABILITIES. PROVIDE PRESET LEVELS FOR NORMAL GYM ACTIVITIES AND FOR GAMES. PROVIDE UL 924 FOR CONTROL OF EMERGENCY LIGHTING INDICATED. PROVIDE ALL COMPONENTS, ROOM CONTROLLERS, WIRING, ETC. FOR COMPLETE OPERATIONAL SYSTEM.
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14	RGB LED SYSTEM TO BE PROVIDED BY LIGHTBOX MANUFACTURER. WIRING AND INSTALLATION BY E.C. TO CIRCUIT INDICATED. CONNECT FIXTURE TO EXTERIOR LIGHTING CONTROLS.
15	REFER TO EXTERIOR LIGHTING CONTROL SCHEMATIC FOR CONTROLS INFORMATION.
16	LOWER LEVEL LIGHT FIXTURES ARE EXISTING TO REMAIN.
17	PENTHOUSE LIGHT FIXTURES ARE EXISTING TO REMAIN.
18	SOUTH CANOPY ALTERNATE: PROVIDE ALTERNATE BID FOR CANOPY AND LIGHT BOX LIGHTING AS SHOWN.
19	EAST PERFORMANCE ARTS ENTRANCE ALTERNATE: PROVIDE ALTERNATE BID FOR CANOPY LIGHTING AS SHOWN.

2A SECOND FLOOR LIGHTING PLAN - UNIT F
1/8" = 1'-0"

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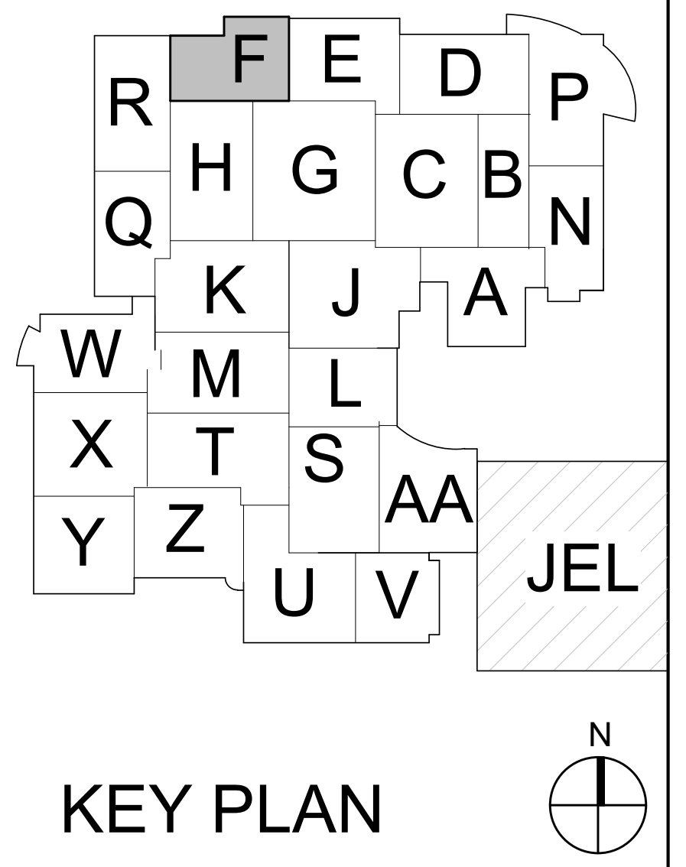
Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced JAW

DAVID SHUCK
No. 19700101
STATE OF INDIANA

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

1801 East 86th Street
Indianapolis, IN 46240



KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR
LIGHTING PLAN - UNIT F

EL1F2.3

EL1F2.3_ SECOND FLOOR LIGHTING PLAN - UNIT F
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_TEST PRINT
Autodesk Docs://2019-067.NCH - North Central High School/2019-067.NCH_Bldg001_E_2022_Cloud.rvt
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EL1J1.3_ FIRST FLOOR LIGHTING PLAN - UNIT J
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_TEST PRINT
Autodesk Docs://2019-067.NCH - North Central High School/2019-067.NCH_Bldg001_E_2022_Cloud.rvt
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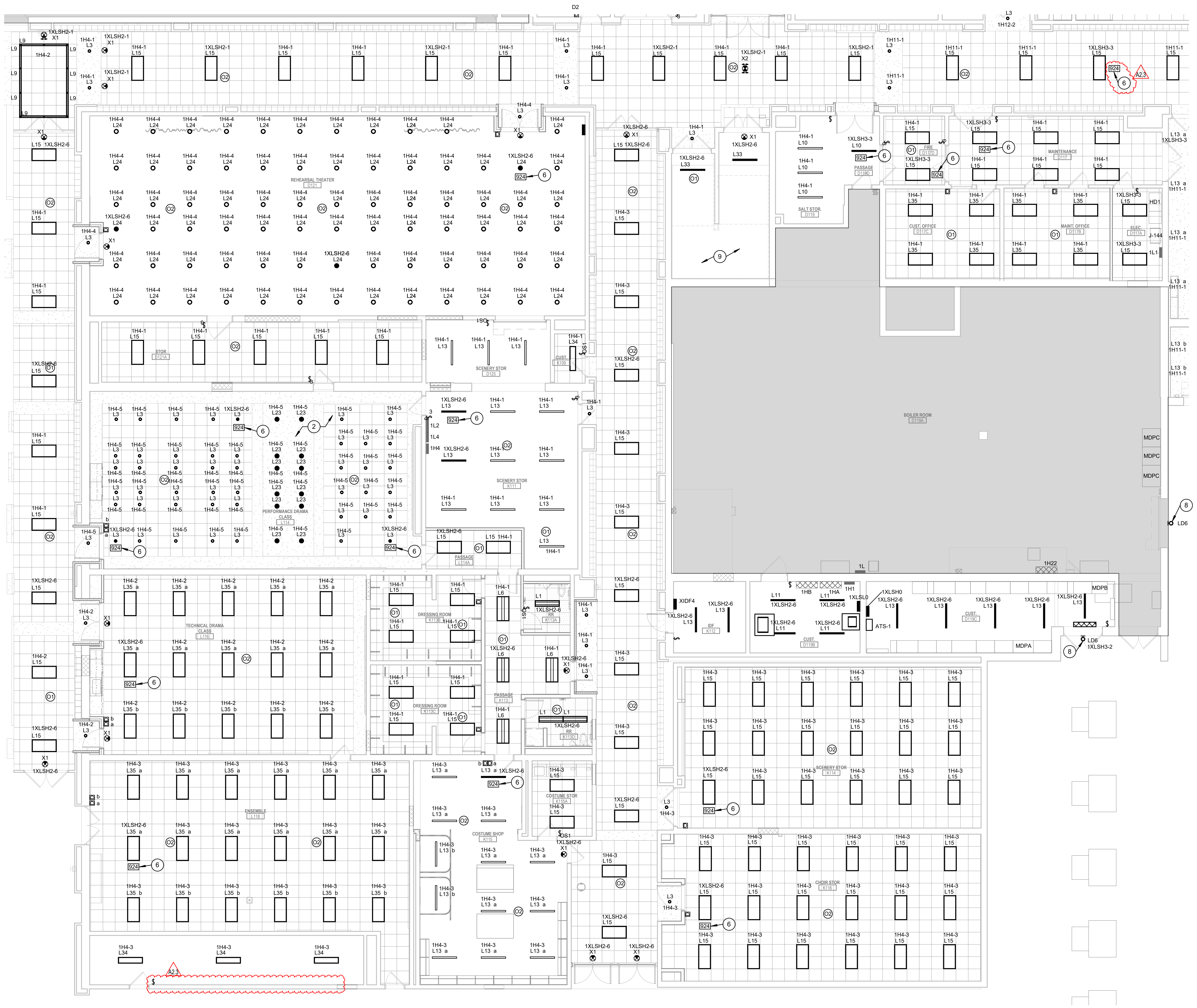

2A FIRST FLOOR LIGHTING PLAN - UNIT J
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GENERAL LIGHTING NOTES

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DAVID SHUCK
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A2.3	ADDENDUM 2.3	03.22.2023

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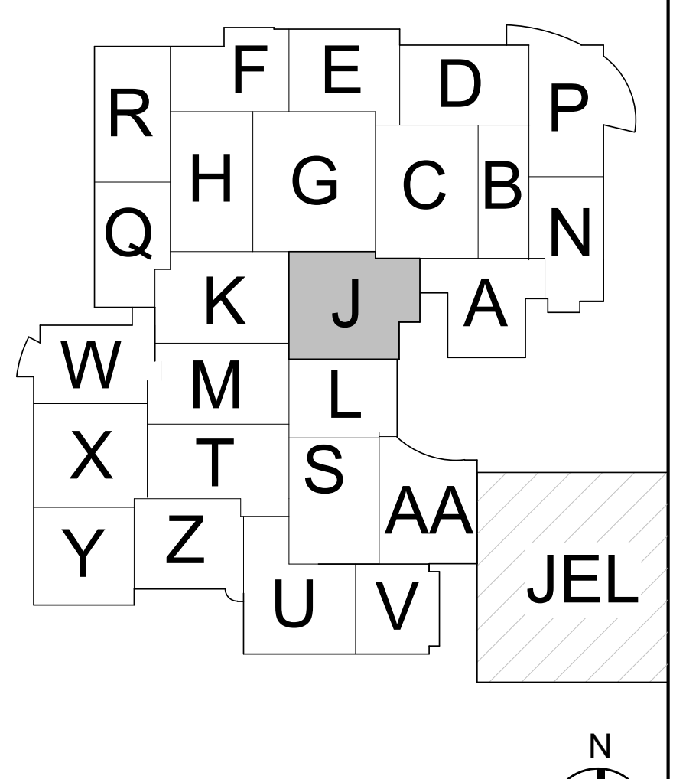

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR LIGHTING PLAN - UNIT J

EL1J1.3

GENERAL LIGHTING NOTES

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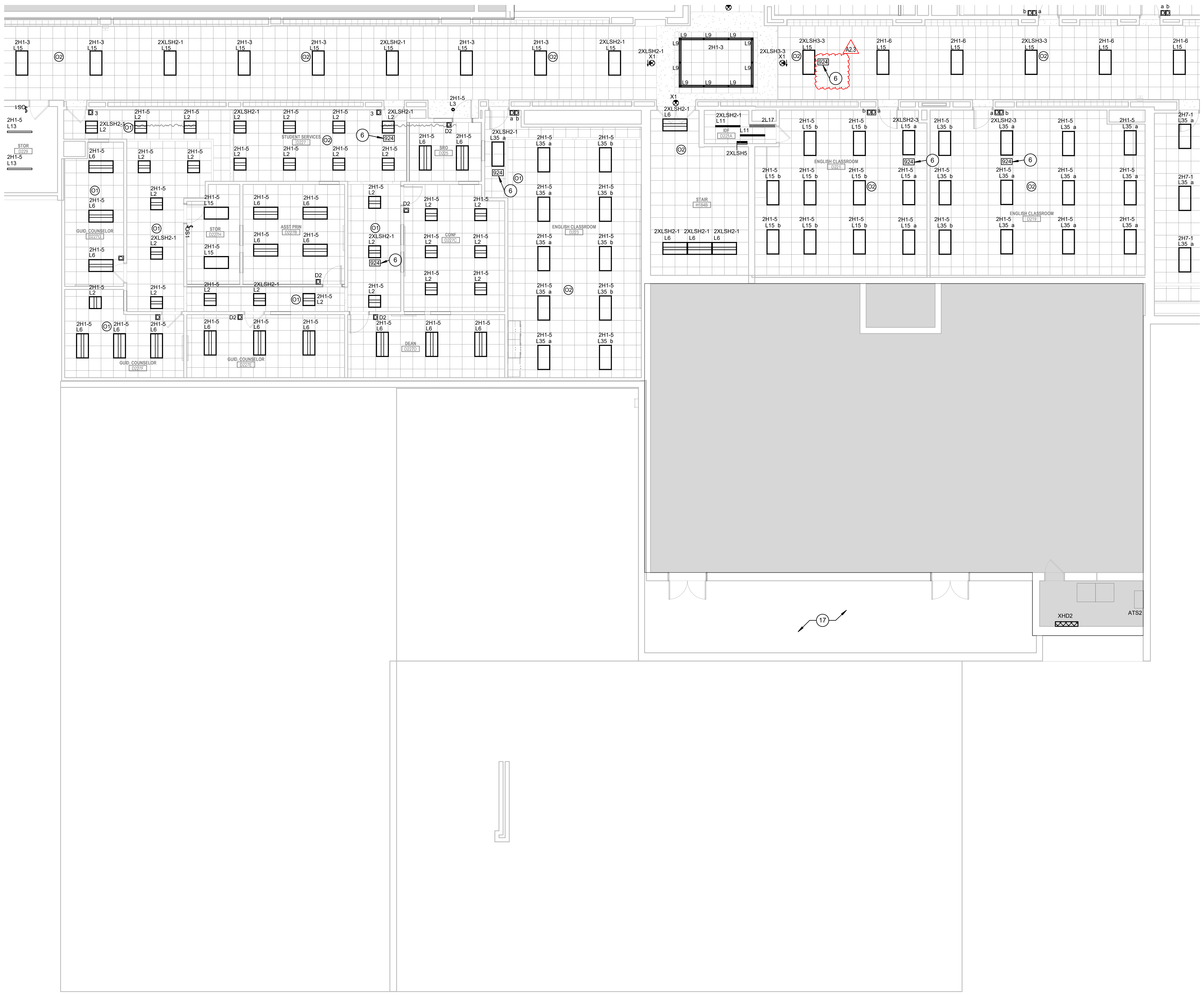

2A SECOND FLOOR LIGHTING PLAN - UNIT J

1/8" = 1'-0"

SCHMIDT
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DAVID SHUCK
No. 19700101

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

1801 East 86th Street
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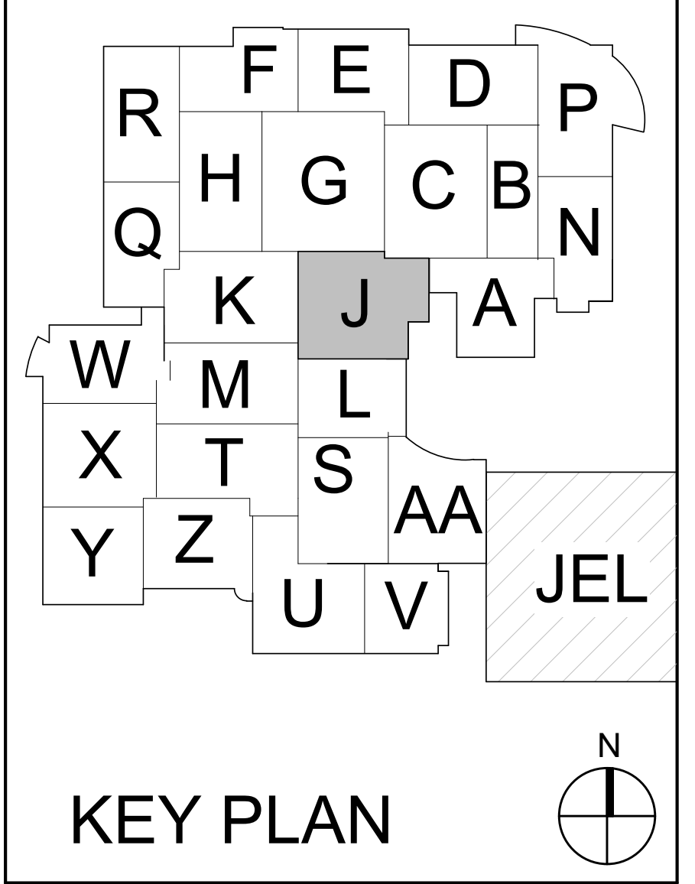

KEY PLAN

M.S.D. of Washington Township

North Central High School Renovation - Additions Phase 3

SECOND FLOOR LIGHTING PLAN - UNIT J

EL1J2.3

GENERAL LIGHTING NOTES

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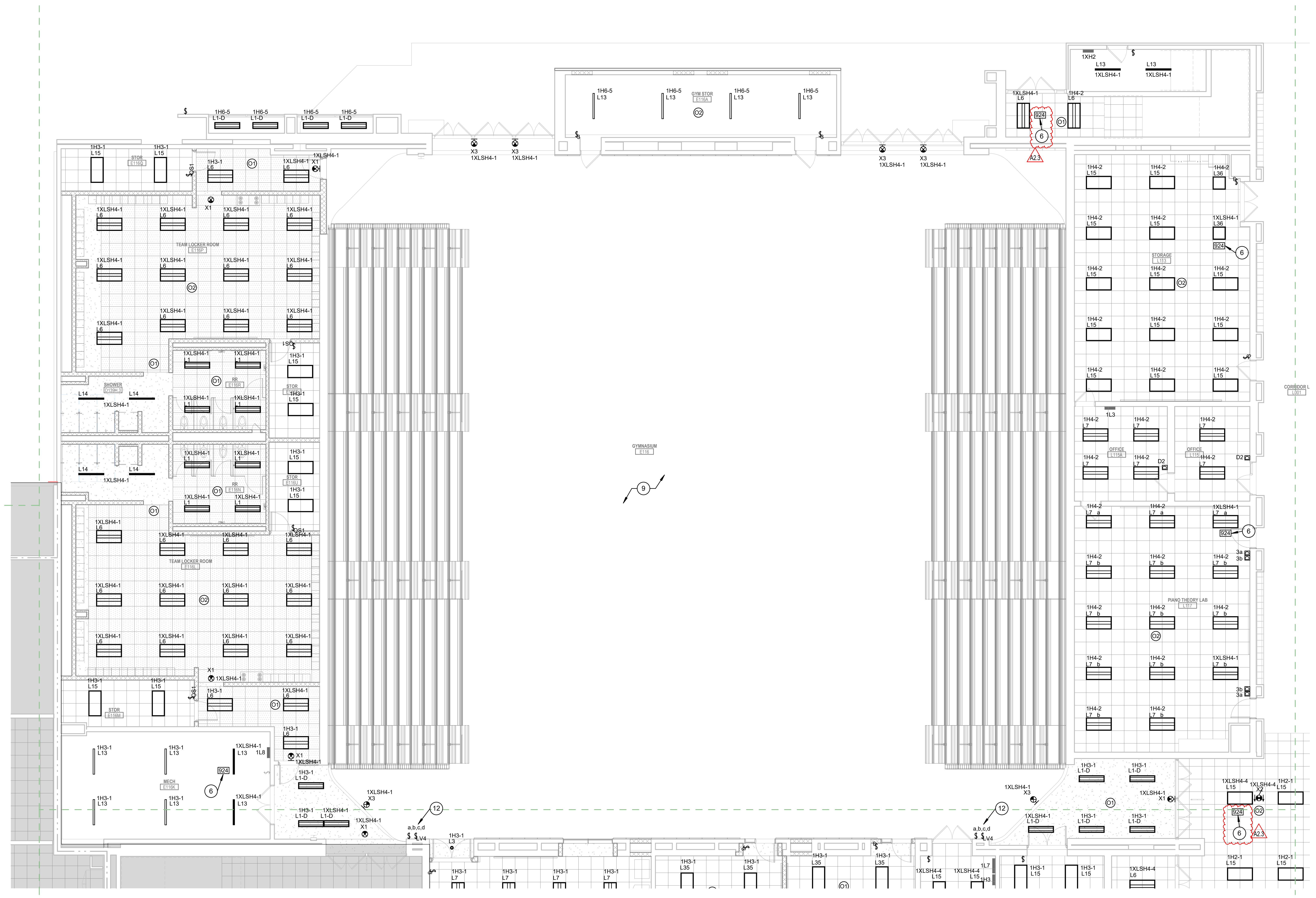

2A FIRST FLOOR DEMOLITION PLAN - UNIT K
1/8" = 1'-0"

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Project No. 2019-067.NCH
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DAVID SHUCK
No. 19700101

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

1801 East 86th Street
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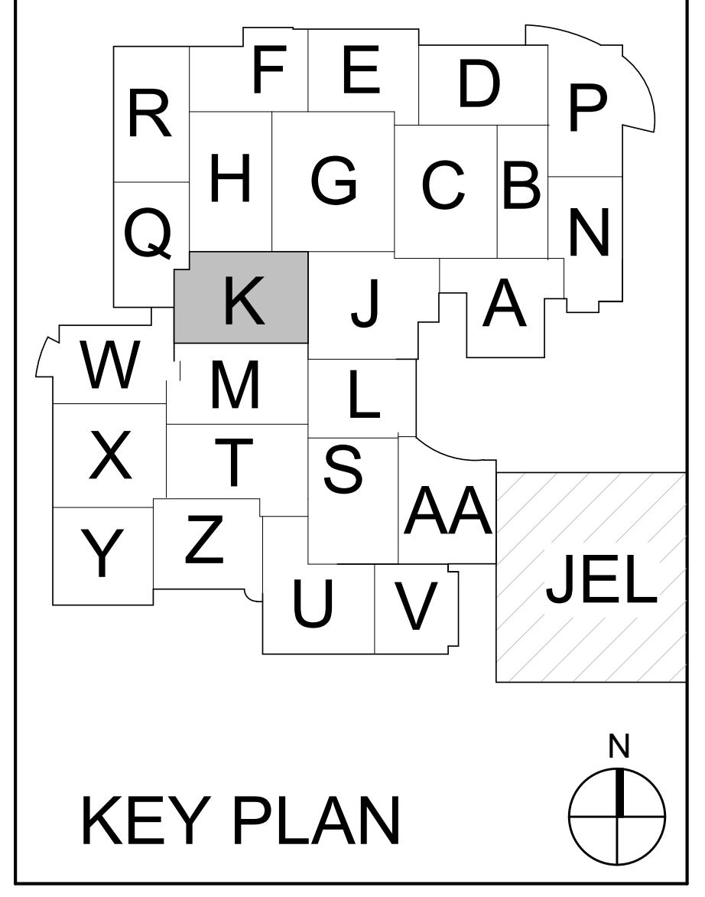


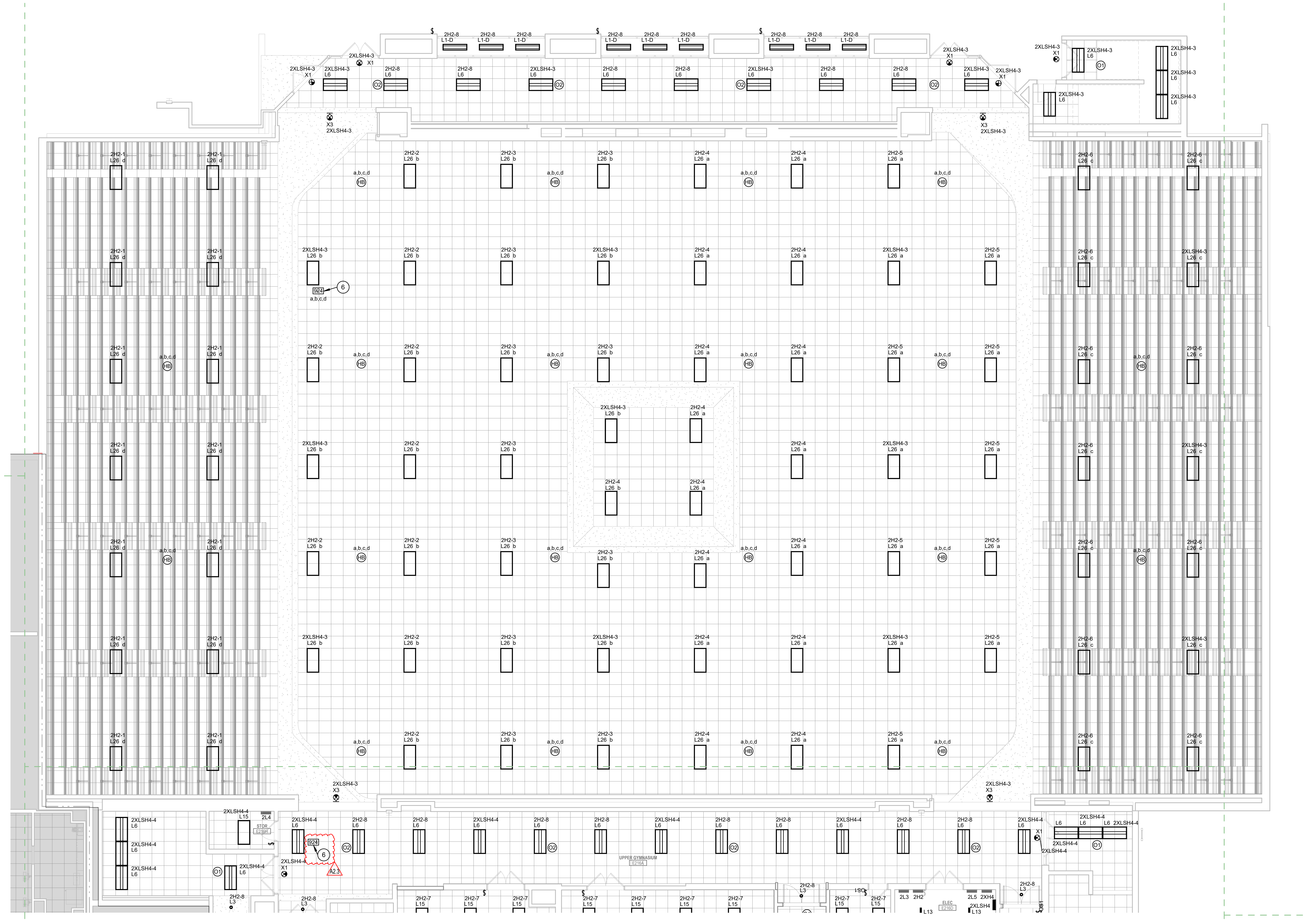
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR LIGHTING PLAN - UNIT K

EL1K1.3



2A **SECOND FLOOR LIGHTING PLAN - UNIT K**
1/8" = 1'-0"

GENERAL LIGHTING NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.
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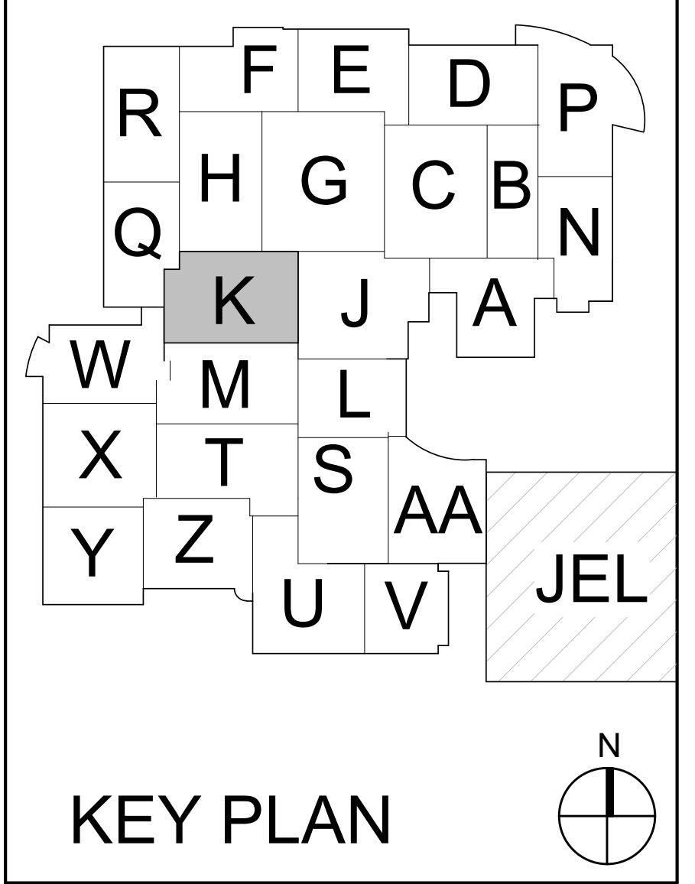

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR
LIGHTING PLAN - UNIT K

EL1K2.3

EL1K2.3_ SECOND FLOOR LIGHTING PLAN - UNIT K
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_TEST PRINT
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12	4 SCENE LOW VOLTAGE PUSHBUTTON WALL STATION, WITH DIMMING CAPABILITIES. PROVIDE PRESET LEVELS FOR NORMAL GYM ACTIVITIES AND FOR GAMES. PROVIDE UL 924 FOR CONTROL OF EMERGENCY LIGHTING INDICATED. PROVIDE ALL COMPONENTS, ROOM CONTROLLERS, WIRING, ETC. FOR COMPLETE OPERATIONAL SYSTEM.
13	LIGHTING IN THIS AREA SHALL BE PROVIDED BY EQUIPMENT PROVIDER. REFER TO POWER PLANS FOR CIRCUIT DESIGNATION.
14	RGB LED SYSTEM TO BE PROVIDED BY LIGHTBOX MANUFACTURER. WIRING AND INSTALLATION BY E.C. TO CIRCUIT INDICATED. CONNECT FIXTURE TO EXTERIOR LIGHTING CONTROLS.
15	REFER TO EXTERIOR LIGHTING CONTROL SCHEMATIC FOR CONTROLS INFORMATION.
16	LOWER LEVEL LIGHT FIXTURES ARE EXISTING TO REMAIN.
17	PENTHOUSE LIGHT FIXTURES ARE EXISTING TO REMAIN.
18	SOUTH CANOPY ALTERNATE: PROVIDE ALTERNATE BID FOR CANOPY AND LIGHT BOX LIGHTING AS SHOWN.
19	EAST PERFORMANCE ARTS ENTRANCE ALTERNATE: PROVIDE ALTERNATE BID FOR CANOPY LIGHTING AS SHOWN.

2A FIRST FLOOR LIGHTING PLAN - UNIT L
1/8" = 1'-0"

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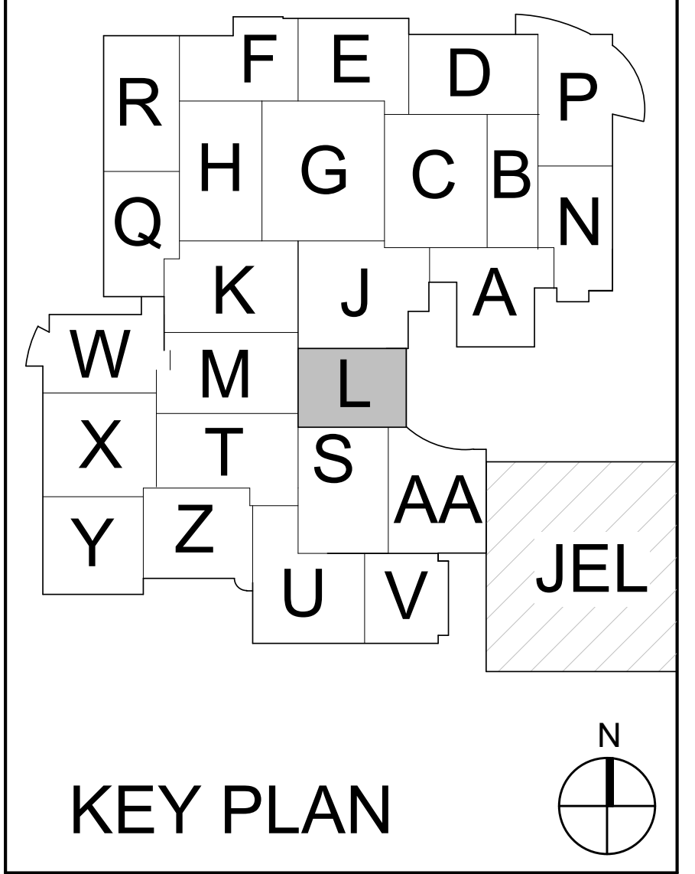
Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced JAW

DAVID SHUCK
No. 19700101

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

1801 East 86th Street
Indianapolis, IN 46240



KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR LIGHTING PLAN - UNIT L

EL1L1.3

GENERAL LIGHTING NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.
B	ALL LOWER LEVEL LIGHT FIXTURES ARE FED FROM PANELBOARD 'OXH1'.
C	NEW LIGHTING DEVICES / LIGHTING FIXTURES SHOWN TO BE INSTALLED ON EXISTING BLOCK WALLS / CEILINGS TIGHT TO STRUCTURE SHALL BE INSTALLED SURFACE MOUNTED AND IN SURFACE MOUNTED WIREMOLD PAINTED TO MATCH WALLS AND CEILINGS. WIREMOLD SHALL BE INSTALLED NEATLY AND AT RIGHT ANGLES TO STRUCTURE. WHEN POSSIBLE ROUTE VERTICAL WIREMOLD IN CORNERS THEN TO DEVICE / FIXTURE. WIREMOLD SHALL BE INSTALLED TO MINIMIZE LENGTH. REFER TO ARCHITECTURAL FLOOR PLANS AND REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION. CONFIRM EXACT WIREMOLD ROUTING WITH ARCHITECT PRIOR TO INSTALLATION.

LIGHTING PLAN NOTES

#	NOTES
1	CONNECT NEW LIGHT FIXTURES TO NORMAL AND/OR EMERGENCY CIRCUITS THAT WERE MAINTAINED DURING DEMOLITION.
2	ONE-FOR-ONE LIGHT FIXTURE REPLACEMENT. CONNECT NEW LIGHT FIXTURE TO CIRCUIT THAT WAS MAINTAINED DURING DEMOLITION.
3	CONNECT NEW DEVICES TO CIRCUIT THAT WAS MAINTAINED DURING DEMOLITION.
4	CONNECT NEW LIGHT FIXTURES TO CLOSEST LIGHTING CIRCUIT IN THIS AREA.
5	MOUNT FIXTURES INDICATED BELOW PIPING. REWORK WIRE AND CONDUIT AS REQUIRED.
6	PROVIDE UL 924 AUTOMATIC LOAD CONTROL RELAY IN OUTLET BOX FLUSH-MOUNTED IN CEILING TO ZONE CONTROL EMERGENCY LIGHTING IN THIS ROOM/SPACE. CONNECT UL 924 DEVICE TO NORMAL AND EMERGENCY CIRCUITS INDICATED AT DEVICE. CONTROL FIXTURE(S) BASED ON SWITCH LEG(S) WHERE REQUIRED.
7	COORDINATE FINAL LOCATION OF FIXTURES WITH ELEVATOR INSTALLATION CONTRACTOR.
8	CONNECT FIXTURE TO EXTERIOR LIGHTING CONTROLS.
9	REFER TO SECOND FLOOR LIGHTING PLAN FOR FIXTURE LAYOUT AND CONTROLS FOR THIS ROOM/AREA.
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16	LOWER LEVEL LIGHT FIXTURES ARE EXISTING TO REMAIN.
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18	SOUTH CANOPY ALTERNATE: PROVIDE ALTERNATE BID FOR CANOPY AND LIGHT BOX LIGHTING AS SHOWN.
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2A FIRST FLOOR LIGHTING PLAN - UNIT M
1/8" = 1'-0"

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DAVID SHUCK
REGISTERED
No. 19700101
STATE OF INDIANA
PROFESSIONAL ENGINEER

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

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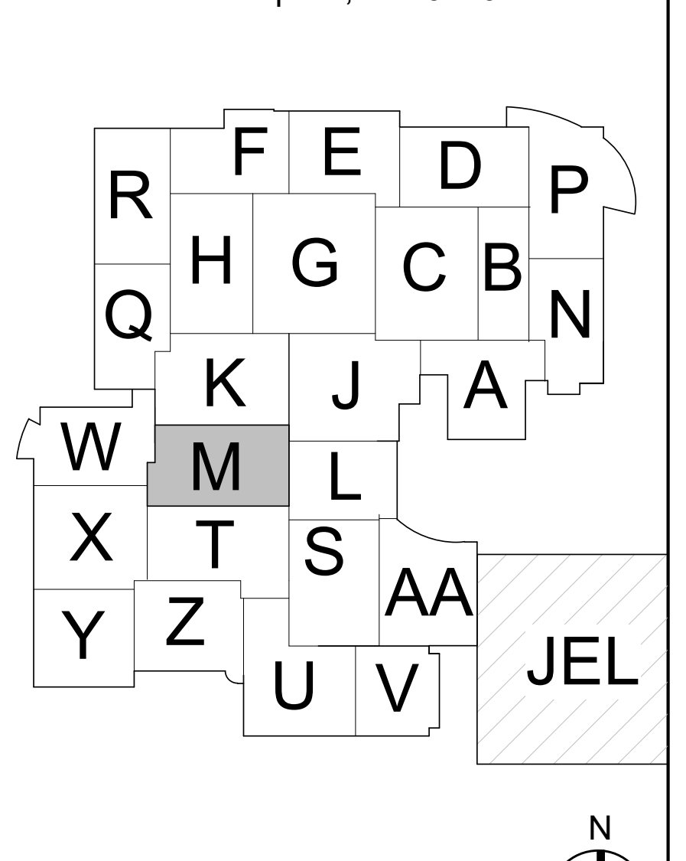

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR LIGHTING PLAN - UNIT M

EL1M1.3

EL1M1.3_ FIRST FLOOR LIGHTING PLAN - UNIT M
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_TEST PRINT
Autodesk Docs://2019-067.NCH - North Central High School/2019-067.NCH_Bldg001_E_2022_Cloud.rvt
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GENERAL LIGHTING NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.
B	ALL LOWER LEVEL LIGHT FIXTURES ARE FED FROM PANELBOARD 'OXH1'.
C	NEW LIGHTING DEVICES / LIGHTING FIXTURES SHOWN TO BE INSTALLED ON EXISTING BLOCK WALLS / CEILINGS TIGHT TO STRUCTURE SHALL BE INSTALLED SURFACE MOUNTED AND IN SURFACE MOUNTED WIREMOLD PAINTED TO MATCH WALLS AND CEILINGS. WIREMOLD SHALL BE INSTALLED NEATLY AND AT RIGHT ANGLES TO STRUCTURE. WHEN POSSIBLE ROUTE VERTICAL WIREMOLD IN CORNERS THEN TO DEVICE / FIXTURE. WIREMOLD SHALL BE INSTALLED TO MINIMIZE LENGTH. REFER TO ARCHITECTURAL FLOOR PLANS AND REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION. CONFIRM EXACT WIREMOLD ROUTING WITH ARCHITECT PRIOR TO INSTALLATION.

LIGHTING PLAN NOTES

#	NOTES
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3	CONNECT NEW DEVICES TO CIRCUIT THAT WAS MAINTAINED DURING DEMOLITION.
4	CONNECT NEW LIGHT FIXTURES TO CLOSEST LIGHTING CIRCUIT IN THIS AREA.
5	MOUNT FIXTURES INDICATED BELOW PIPING. REWORK WIRE AND CONDUIT AS REQUIRED.
6	PROVIDE UL 924 AUTOMATIC LOAD CONTROL RELAY IN OUTLET BOX FLUSH-MOUNTED IN CEILING TO ZONE CONTROL EMERGENCY LIGHTING IN THIS ROOM/SPACE. CONNECT UL 924 DEVICE TO NORMAL AND EMERGENCY CIRCUITS INDICATED AT DEVICE. CONTROL FIXTURE(S) BASED ON SWITCH LEG(S) WHERE REQUIRED.
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8	CONNECT FIXTURE TO EXTERIOR LIGHTING CONTROLS.
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16	LOWER LEVEL LIGHT FIXTURES ARE EXISTING TO REMAIN.
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18	SOUTH CANOPY ALTERNATE: PROVIDE ALTERNATE BID FOR CANOPY AND LIGHT BOX LIGHTING AS SHOWN.
19	EAST PERFORMANCE ARTS ENTRANCE ALTERNATE: PROVIDE ALTERNATE BID FOR CANOPY LIGHTING AS SHOWN.

2A SECOND FLOOR LIGHTING PLAN - UNIT M
1/8" = 1'-0"

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DAVID SHUCK
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No. 19700101
STATE OF INDIANA
PROFESSIONAL ENGINEER

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

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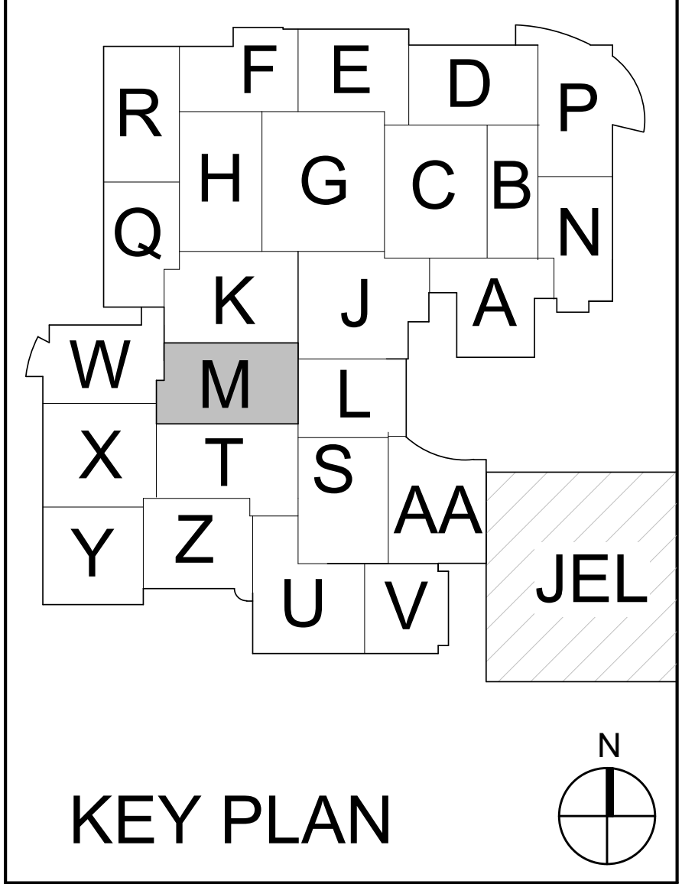

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR
LIGHTING PLAN - UNIT M

EL1M2.3

2A **FIRST FLOOR LIGHTING PLAN - UNIT P**
1/8" = 1'-0"

GENERAL LIGHTING NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.
B	ALL LOWER LEVEL LIGHT FIXTURES ARE FED FROM PANELBOARD 'OXH1'.
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LIGHTING PLAN NOTES

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5	MOUNT FIXTURES INDICATED BELOW PIPING. REWORK WIRE AND CONDUIT AS REQUIRED.
6	PROVIDE UL 924 AUTOMATIC LOAD CONTROL RELAY IN OUTLET BOX FLUSH-MOUNTED IN CEILING TO ZONE CONTROL EMERGENCY LIGHTING IN THIS ROOM/SPACE. CONNECT UL 924 DEVICE TO NORMAL AND EMERGENCY CIRCUITS INDICATED AT DEVICE. CONTROL FIXTURE(S) BASED ON SWITCH LEG(S) WHERE REQUIRED.
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DAVID SHUCK
No. 19700101

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

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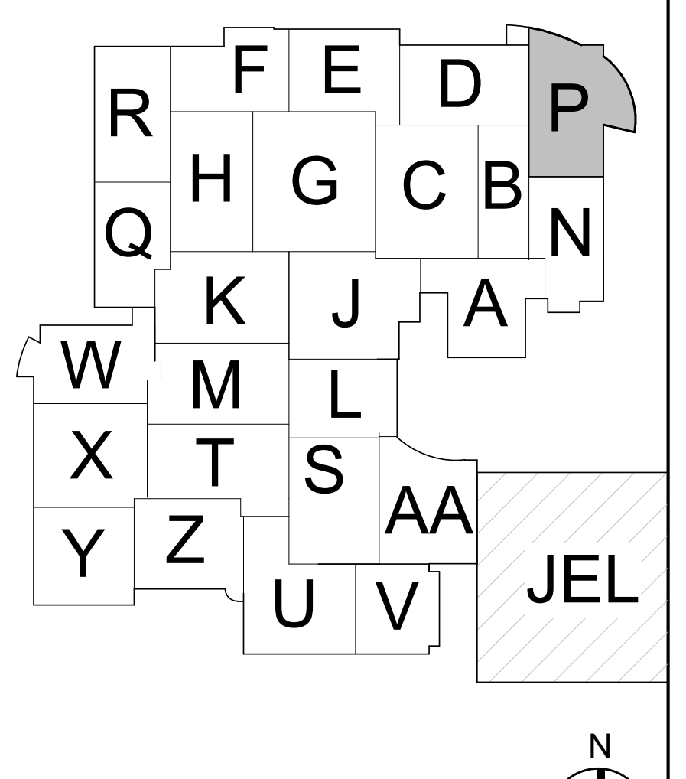
Indianapolis, IN 46240



KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR LIGHTING PLAN - UNIT P

EL1P1.3

GENERAL LIGHTING NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.
B	ALL LOWER LEVEL LIGHT FIXTURES ARE FED FROM PANELBOARD 'OXH1'.
C	NEW LIGHTING DEVICES / LIGHTING FIXTURES SHOWN TO BE INSTALLED ON EXISTING BLOCK WALLS / CEILINGS TIGHT TO STRUCTURE SHALL BE INSTALLED SURFACE MOUNTED AND IN SURFACE MOUNTED WIREMOLD PAINTED TO MATCH WALLS AND CEILINGS. WIREMOLD SHALL BE INSTALLED NEATLY AND AT RIGHT ANGLES TO STRUCTURE. WHEN POSSIBLE ROUTE VERTICAL WIREMOLD IN CORNERS THEN TO DEVICE / FIXTURE. WIREMOLD SHALL BE INSTALLED TO MINIMIZE LENGTH. REFER TO ARCHITECTURAL FLOOR PLANS AND REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION. CONFIRM EXACT WIREMOLD ROUTING WITH ARCHITECT PRIOR TO INSTALLATION.

LIGHTING PLAN NOTES

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2A **SECOND FLOOR LIGHTING PLAN - UNIT P**
1/8" = 1'-0"

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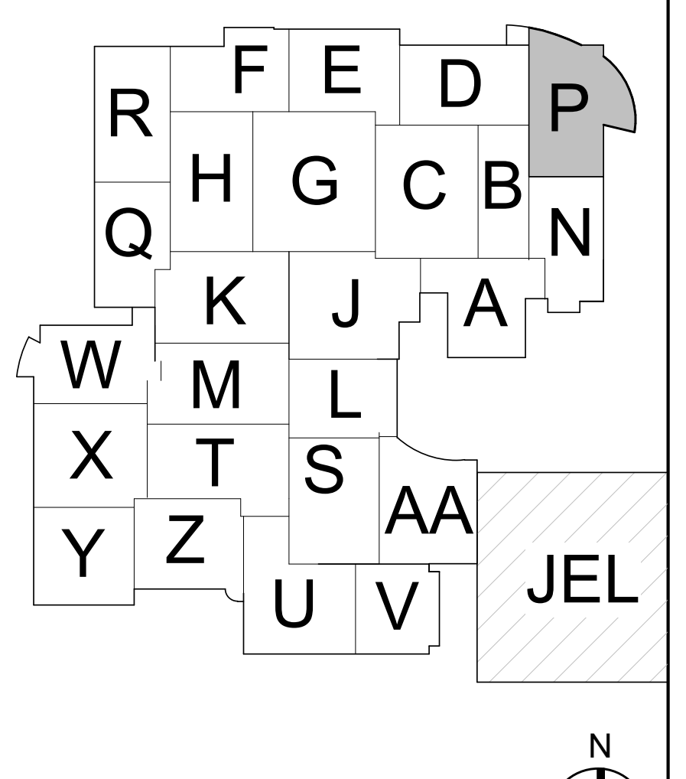

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR
LIGHTING PLAN - UNIT P

EL1P2.3

GENERAL LIGHTING NOTES

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A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.
B	ALL LOWER LEVEL LIGHT FIXTURES ARE FED FROM PANELBOARD 'OXH1'.
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2A SECOND FLOOR LIGHTING PLAN - UNIT Q
1/8" = 1'-0"

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Project No. 2019-067.NCH
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DAVID SHUCK
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A2.3	ADDENDUM 2.3	03.22.2023

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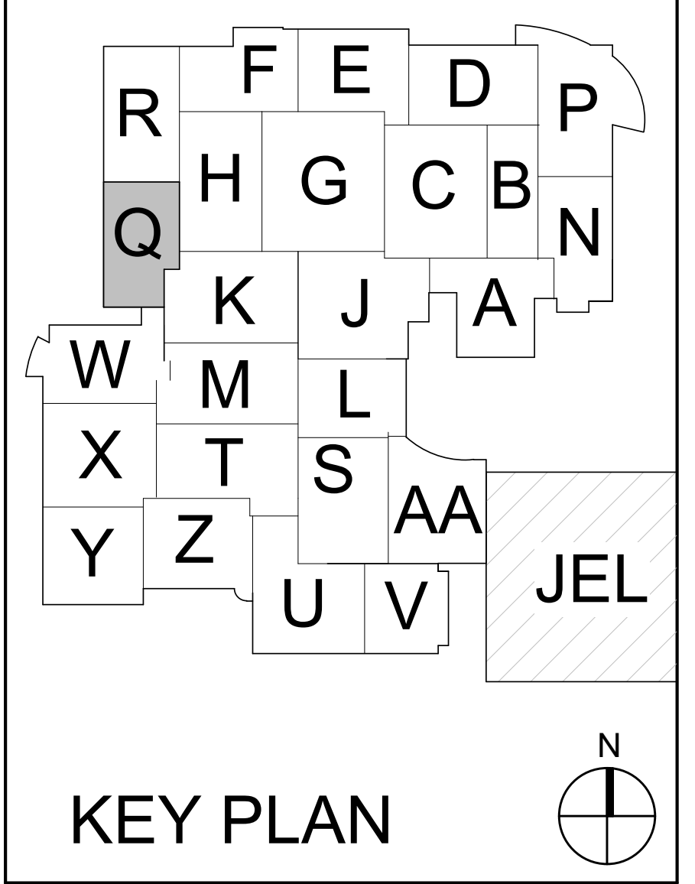

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR
LIGHTING PLAN - UNIT Q

EL1Q2.3

EL1Q2.3_ SECOND FLOOR LIGHTING PLAN - UNIT Q
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_TEST PRINT
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3/21/2023 11:06:43 AM

GENERAL LIGHTING NOTES

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4	CONNECT NEW LIGHT FIXTURES TO CLOSEST LIGHTING CIRCUIT IN THIS AREA.
5	MOUNT FIXTURES INDICATED BELOW PIPING. REWORK WIRE AND CONDUIT AS REQUIRED.
6	PROVIDE UL 924 AUTOMATIC LOAD CONTROL RELAY IN OUTLET BOX FLUSH-MOUNTED IN CEILING TO ZONE CONTROL EMERGENCY LIGHTING IN THIS ROOM/SPACE. CONNECT UL 924 DEVICE TO NORMAL AND EMERGENCY CIRCUITS INDICATED AT DEVICE. CONTROL FIXTURE(S) BASED ON SWITCH LEG(S) WHERE REQUIRED.
7	COORDINATE FINAL LOCATION OF FIXTURES WITH ELEVATOR INSTALLATION CONTRACTOR.
8	CONNECT FIXTURE TO EXTERIOR LIGHTING CONTROLS.
9	REFER TO SECOND FLOOR LIGHTING PLAN FOR FIXTURE LAYOUT AND CONTROLS FOR THIS ROOM/AREA.
10	REFER TO FIRST FLOOR LIGHTING PLAN FOR FIXTURE LAYOUT AND CONTROLS FOR THIS ROOM/AREA.
11	ALL LIGHTING DEVICES AND FIXTURES IN THIS AREA ARE EXISTING TO REMAIN.
12	4 SCENE LOW VOLTAGE PUSHBUTTON WALL STATION, WITH DIMMING CAPABILITIES. PROVIDE PRESET LEVELS FOR NORMAL GYM ACTIVITIES AND FOR GAMES. PROVIDE UL 924 FOR CONTROL OF EMERGENCY LIGHTING INDICATED. PROVIDE ALL COMPONENTS, ROOM CONTROLLERS, WIRING, ETC. FOR COMPLETE OPERATIONAL SYSTEM.
13	LIGHTING IN THIS AREA SHALL BE PROVIDED BY EQUIPMENT PROVIDER. REFER TO POWER PLANS FOR CIRCUIT DESIGNATION.
14	RGB LED SYSTEM TO BE PROVIDED BY LIGHTBOX MANUFACTURER. WIRING AND INSTALLATION BY E.C. TO CIRCUIT INDICATED. CONNECT FIXTURE TO EXTERIOR LIGHTING CONTROLS.
15	REFER TO EXTERIOR LIGHTING CONTROL SCHEMATIC FOR CONTROLS INFORMATION.
16	LOWER LEVEL LIGHT FIXTURES ARE EXISTING TO REMAIN.
17	PENTHOUSE LIGHT FIXTURES ARE EXISTING TO REMAIN.
18	SOUTH CANOPY ALTERNATE: PROVIDE ALTERNATE BID FOR CANOPY AND LIGHT BOX LIGHTING AS SHOWN.
19	EAST PERFORMANCE ARTS ENTRANCE ALTERNATE: PROVIDE ALTERNATE BID FOR CANOPY LIGHTING AS SHOWN.

2A FIRST FLOOR LIGHTING PLAN - UNIT R

1/8" = 1'-0"

SCHMIDT
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Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced JAW

DAVID SHUCK
No. 19700101

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

1801 East 86th Street
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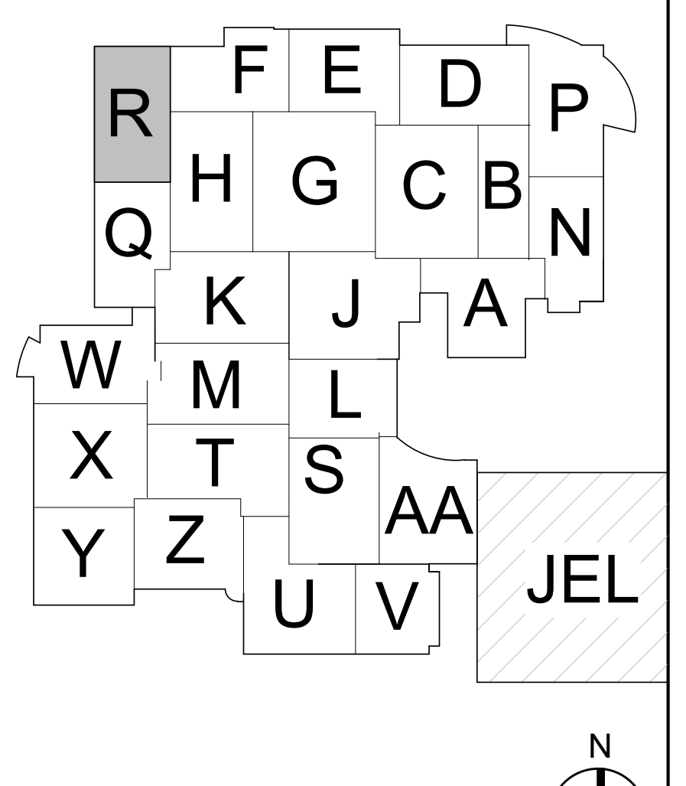

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR LIGHTING PLAN - UNIT R

EL1R1.3

GENERAL LIGHTING NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.
B	ALL LOWER LEVEL LIGHT FIXTURES ARE FED FROM PANELBOARD 'OXH1'.
C	NEW LIGHTING DEVICES / LIGHTING FIXTURES SHOWN TO BE INSTALLED ON EXISTING BLOCK WALLS / CEILINGS TIGHT TO STRUCTURE SHALL BE INSTALLED SURFACE MOUNTED AND IN SURFACE MOUNTED WIREMOLD PAINTED TO MATCH WALLS AND CEILINGS. WIREMOLD SHALL BE INSTALLED NEATLY AND AT RIGHT ANGLES TO STRUCTURE. WHEN POSSIBLE ROUTE VERTICAL WIREMOLD IN CORNERS THEN TO DEVICE / FIXTURE. WIREMOLD SHALL BE INSTALLED TO MINIMIZE LENGTH. REFER TO ARCHITECTURAL FLOOR PLANS AND REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION. CONFIRM EXACT WIREMOLD ROUTING WITH ARCHITECT PRIOR TO INSTALLATION.

LIGHTING PLAN NOTES

#	NOTES
1	CONNECT NEW LIGHT FIXTURES TO NORMAL AND/OR EMERGENCY CIRCUITS THAT WERE MAINTAINED DURING DEMOLITION.
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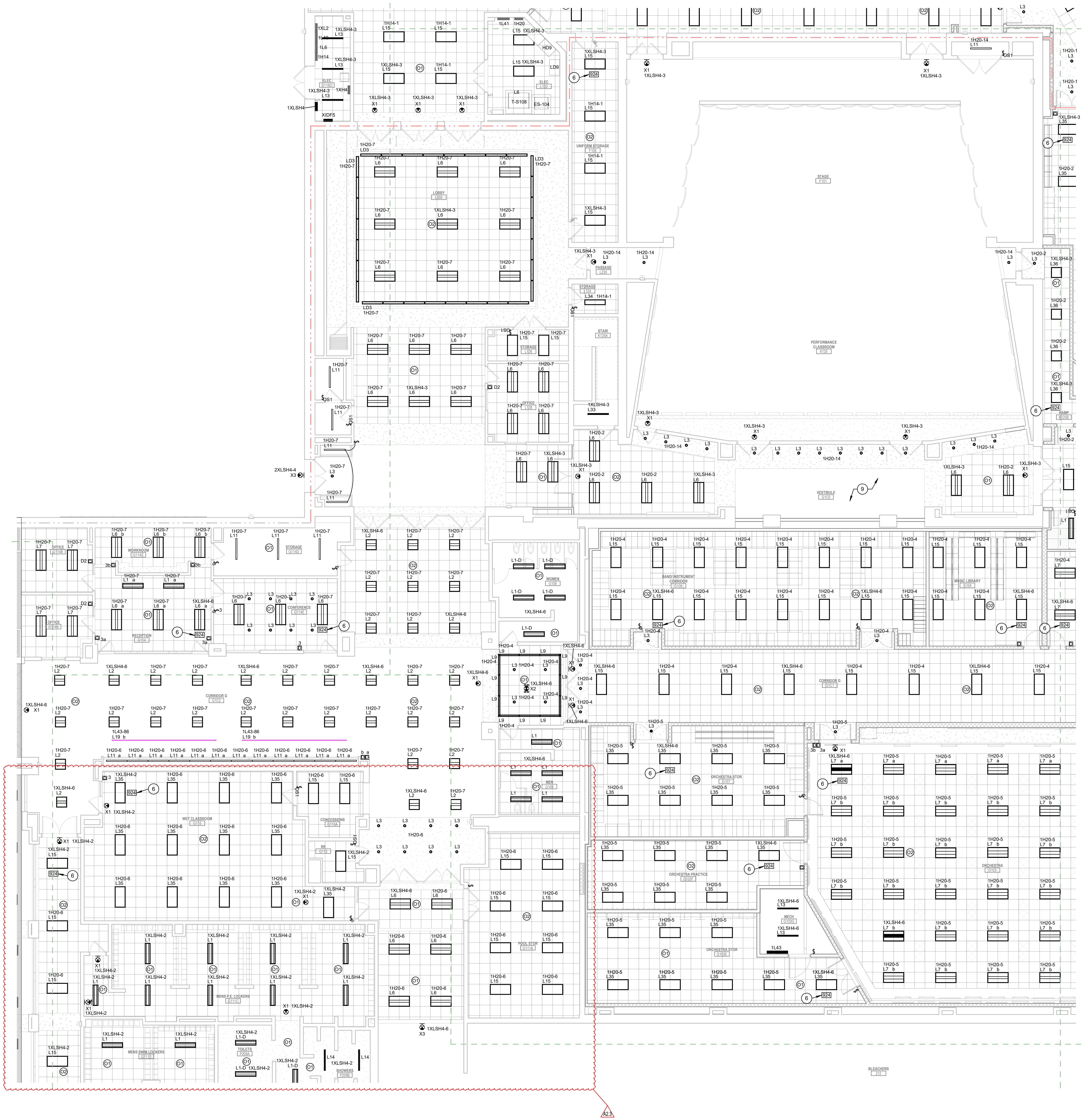

2A FIRST FLOOR LIGHTING PLAN - UNIT S
1/8" = 1'-0"

EL1S1.3_ FIRST FLOOR LIGHTING PLAN - UNIT S
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_TEST PRINT
Autodesk Docs://2019-067.NCH - North Central High School/2019-067.NCH_Bldg001_E_2022_Cloud.rvt
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Produced JAW

DAVID SHUCK
No. 19700101

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

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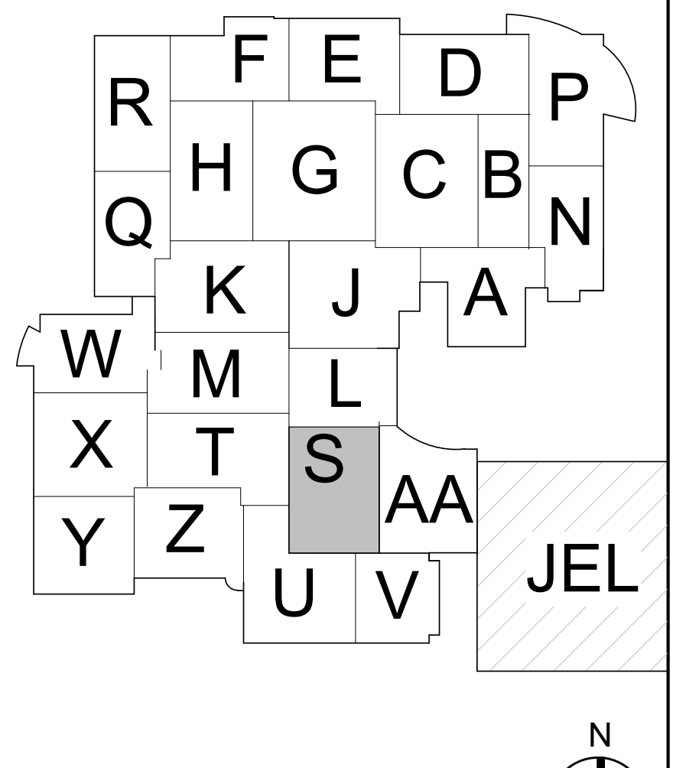

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR LIGHTING PLAN - UNIT S

EL1S1.3

GENERAL LIGHTING NOTES

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LIGHTING PLAN NOTES

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2A FIRST FLOOR LIGHTING PLAN - UNIT U

1/8" = 1'-0"

SCHMIDT
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Project No. 2019-067.NCH
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DAVID SHUCK
No. 19700101

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

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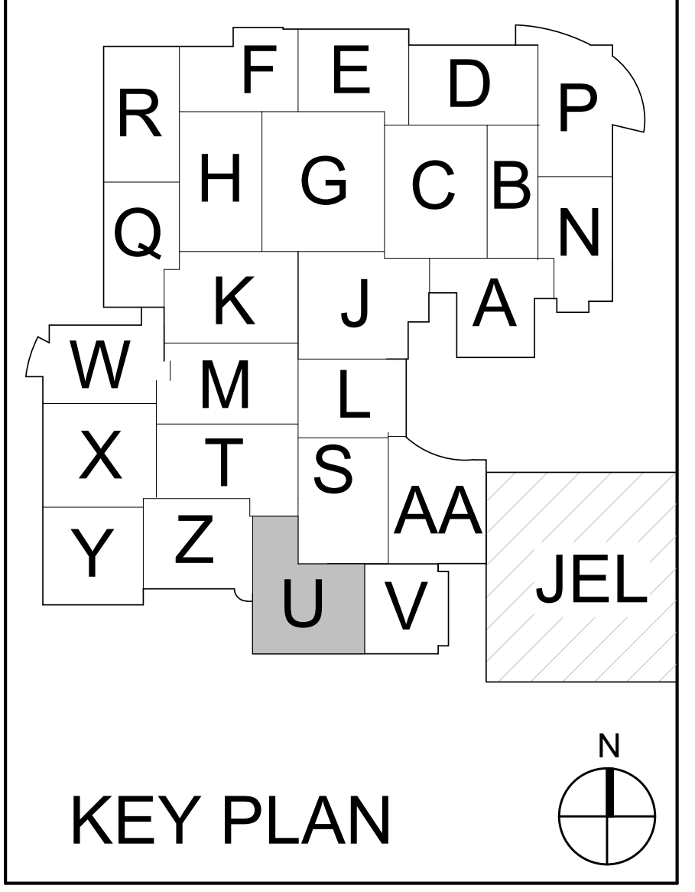

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR LIGHTING PLAN - UNIT U

EL1U1.3

GENERAL LIGHTING NOTES

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LIGHTING PLAN NOTES

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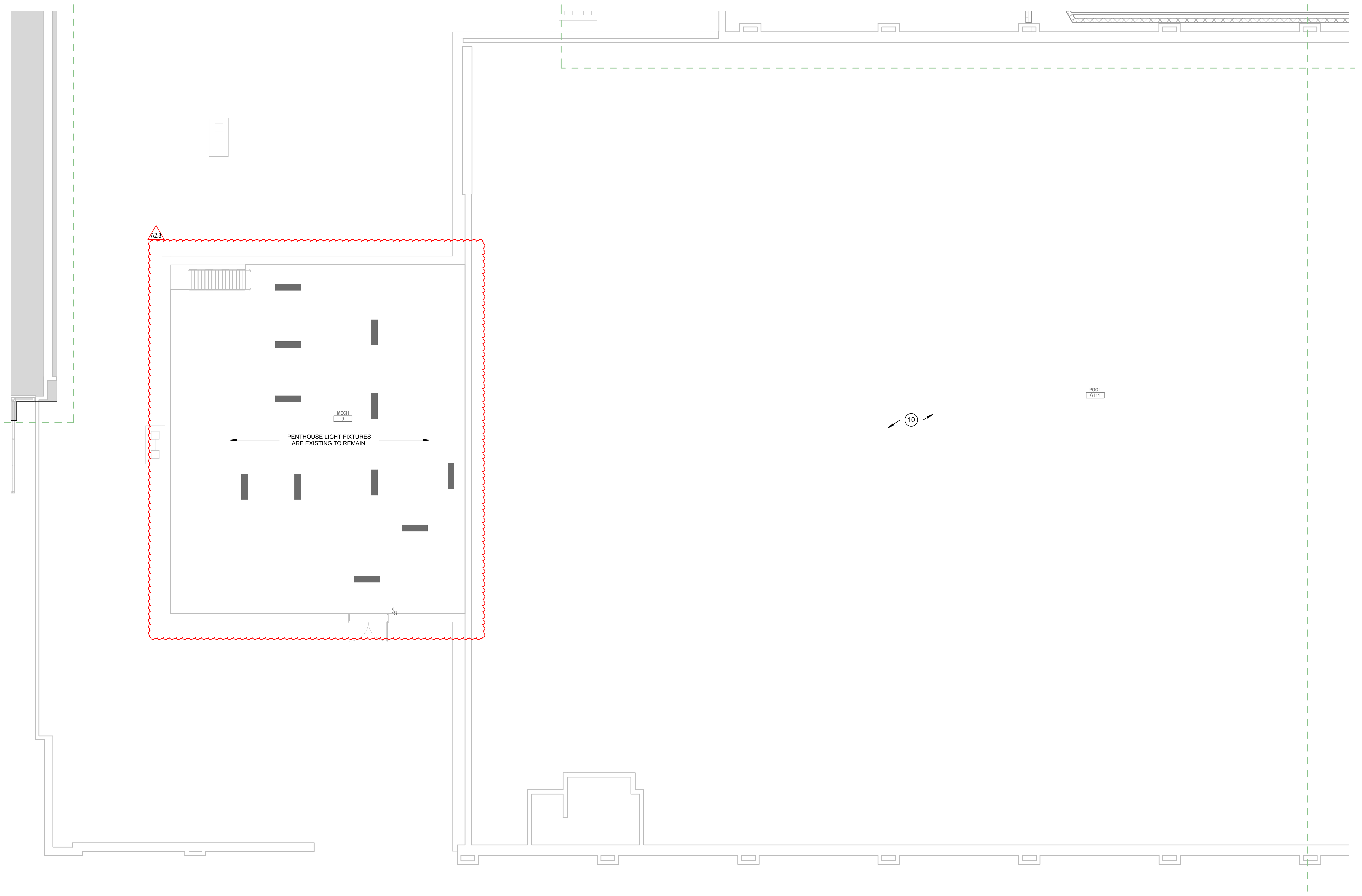

PENTHOUSE LIGHT FIXTURES
ARE EXISTING TO REMAIN.

2A SECOND FLOOR LIGHTING PLAN - UNIT U
1/8" = 1'-0"

SCHMIDT
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415 Massachusetts Avenue
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Project No. 2019-067.NCH
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DAVID SHUCK
No. 19700101

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A2.3	ADDENDUM 2.3	03.22.2023

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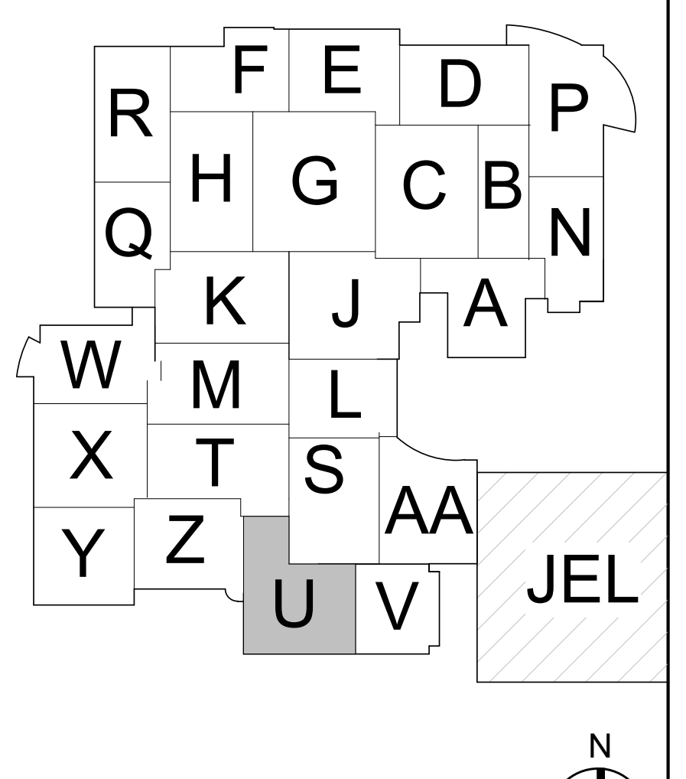

KEY PLAN

M.S.D. of Washington
Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR
LIGHTING PLAN - UNIT U

EL1U2.3

EL1U2.3_ SECOND FLOOR LIGHTING PLAN - UNIT U
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GENERAL LIGHTING NOTES

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LIGHTING PLAN NOTES

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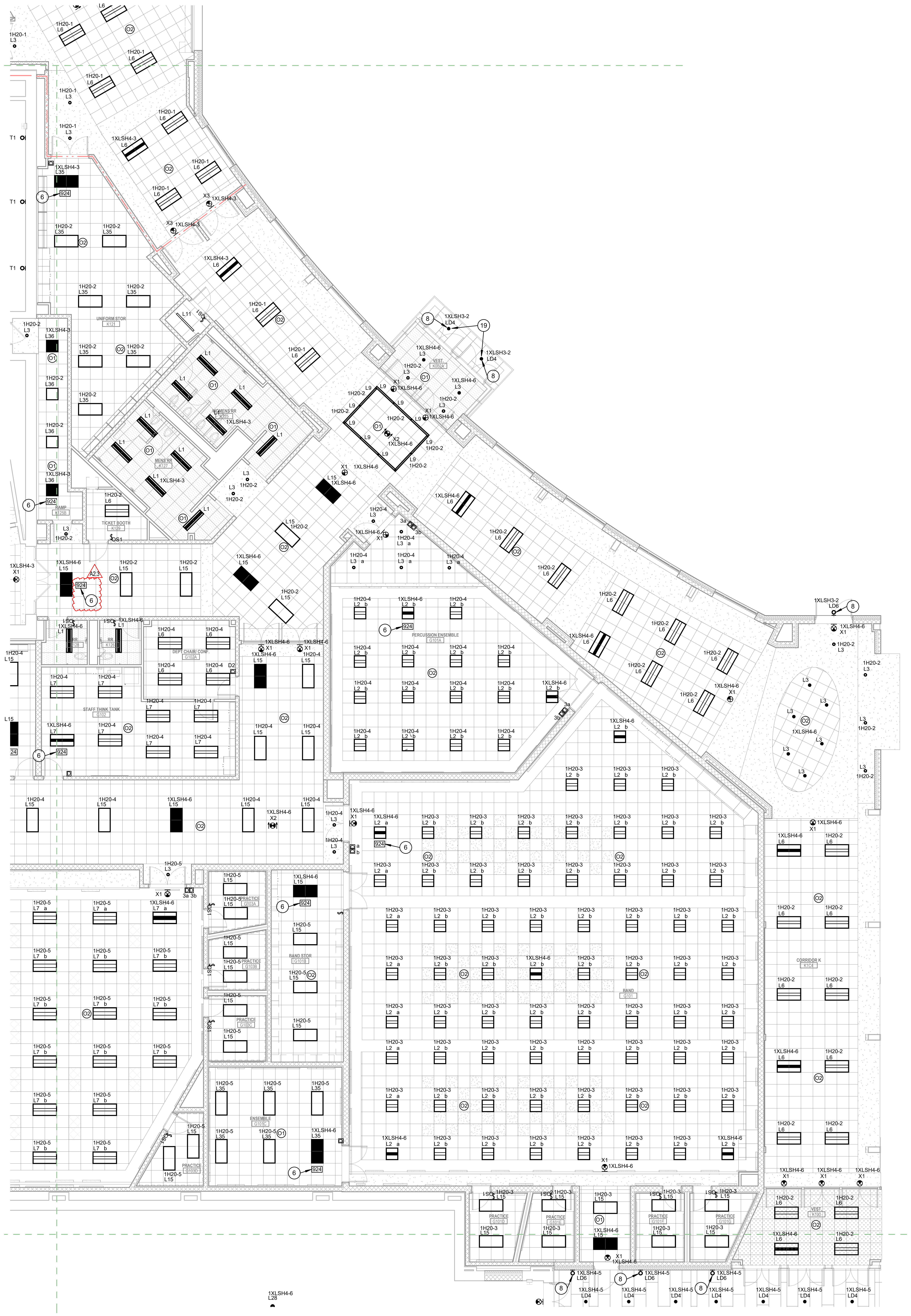

2A **FIRST FLOOR LIGHTING PLAN - UNIT AA**
1/8" = 1'-0"

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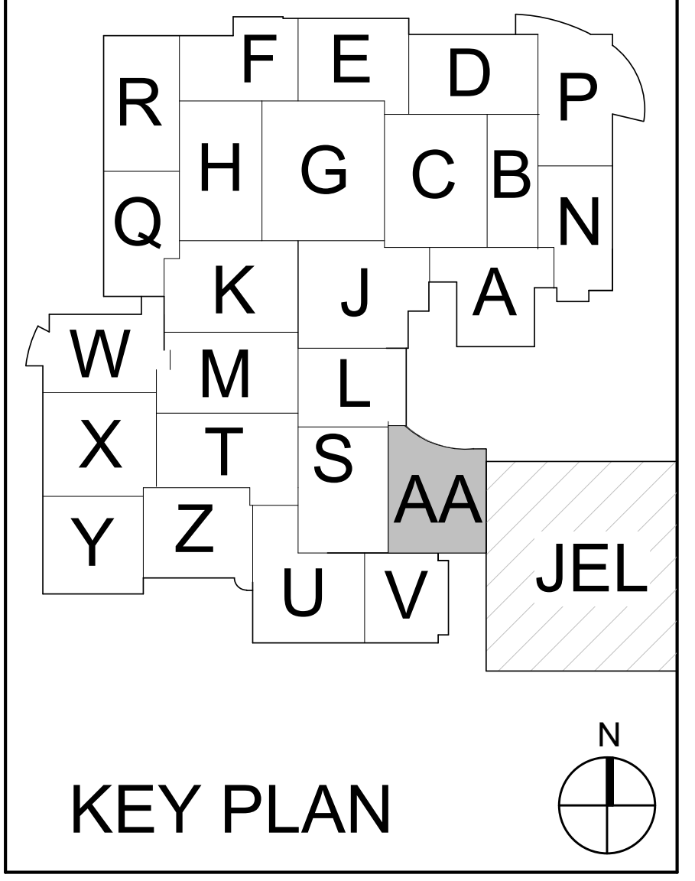

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR LIGHTING PLAN - UNIT AA

EL1AA1.3

GENERAL POWER NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.
B	ALL THEATER AND PERFORMING ARTS EQUIPMENT SHALL BE PROVIDED MINIMUM #10AWG.
C	NEW ELECTRICAL DEVICES SHOWN TO BE INSTALLED ON EXISTING BLOCK WALLS / CEILINGS TIGHT TO STRUCTURE SHALL BE INSTALLED SURFACE MOUNTED AND IN SURFACE MOUNTED WIREMOLD PAINTED TO MATCH WALL AND CEILINGS. WIREMOLD SHALL BE INSTALLED NEATLY AND AT RIGHT ANGLES TO STRUCTURE. WHEN POSSIBLE ROUTE VERTICAL WIREMOLD IN CORNERS THEN TO DEVICE / FIXTURE. WIREMOLD SHALL BE INSTALLED TO MINIMIZE LENGTH. REFER TO ARCHITECTURAL FLOOR PLANS AND REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION. CONFIRM EXACT WIREMOLD ROUTING WITH ARCHITECT PRIOR TO INSTALLATION.

POWER PLAN NOTES

#	NOTES
1	GENERAL CLASSROOM INTERIOR FINISHES ALTERNATE. PROVIDE ALTERNATE BID TO REPLACE ALL ELECTRICAL RECEPTACLES AND COVER PLATES IN HATCHED AREA IF SHOWN OR NOT SHOWN. ELECTRICAL DEVICES SHOWN IN THE HATCHED AREA ARE BASED ON EXISTING DRAWINGS AND ALL DEVICES MAY NOT BE SHOWN. ELECTRICAL DEVICES SHALL MATCH CURRENT INSTALLATION CHARACTERISTICS.
2	PROVIDE INFRARED SCAN FOR EQUIPMENT INDICATED. CLEAN ALL DUST OFF EQUIPMENT, EXERCISE AND LUBRICATE ALL FUSIBLE SWITCHES.
3	LOCATION FOR FUTURE RECEPTACLE FOR WALL-MOUNTED SHORT-THROW PROJECTOR. INSTALL CONDUCTORS IN OUTLET BOX. PROVIDE BLANK COVERPLATE. COORDINATE MOUNTING HEIGHT WITH T-SERIES DRAWINGS.
4	RECESSED SIMPLEX RECEPTACLE EQUAL TO HUBBELL RR201CHWTR FOR MONITOR. COORDINATE EXACT LOCATION AND ELEVATION WITH T-SERIES DRAWINGS. INSTALL ADJACENT RECEPTACLE DIRECTLY BELOW (IF SHOWN).
5	INSTALL RECEPTACLE INDICATED AT +46" A.F.F. TO C.L. DIRECTLY ABOVE ADJACENT RECEPTACLE. REFER TO T-SERIES DRAWINGS FOR DATA AND POWER LAYOUT.
6	RECEPTACLE FOR REFRIGERATOR AT +46" A.F.F. TO C.L. CIRCUIT PROTECTED BY GFCI BREAKER.
7	RECEPTACLE FOR MICROWAVE. VERIFY EXACT LOCATION OF RECEPTACLE WITH CASEWORK MANUFACTURER PRIOR TO INSTALLATION.
8	RECEPTACLE FOR COFFEE MAKER.
9	NEMA 14-50R RECEPTACLE FOR RANGE. RECEPTACLE TO BE FLUSH MOUNTED OR OTHERWISE AS REQUIRED TO ALLOW BACK OF RANGE TO BE PLACED FLUSH AGAINST WALL BEHIND THE RANGE. INSTALL RECEPTACLE IN LOCATION AND ORIENTATION AS REQUIRED BY AND IN ACCORDANCE WITH THE SUPPLIED RANGE MANUFACTURER INSTALLATION INSTRUCTIONS.
10	2P-60A, 240V CONTACTOR FOR RANGE SHUT DOWN. ROUTE POWER FOR RANGE THRU CONTACTOR FOR CONTROL. PROVIDE RESET SWITCH IN COVER.
11	RECEPTACLE / CIRCUIT CONNECTION TO RANGE HOOD. RANGE HOOD AND LIGHT SHALL BE SWITCHED SEPARATELY. INSTALL SO THAT THE SWITCHES ARE ACCESSIBLE. COORDINATE LOCATION WITH CASEWORK MANUFACTURER PRIOR TO INSTALLATION.
12	CIRCUIT CONNECTION FOR BATHROOM LIFT. CONNECT COMPLETE PER MANUFACTURER'S REQUIREMENTS. COORDINATE LOCATION WITH A-SERIES DRAWINGS. CIRCUIT PROTECTED BY GFCI BREAKER.
13	RECEPTACLE FOR COPIER AT +36" A.F.F. TO C.L.
14	RECEPTACLE FOR WASHER AT +46" A.F.F. TO C.L. CIRCUIT PROTECTED BY GFCI BREAKER.
15	NEMA 14-30 RECEPTACLE FOR DRYER AT +46" A.F.F. TO C.L. CIRCUIT PROTECTEDY GFCI BREAKER.
16	CIRCUIT CONNECTION FOR HAND DRYER. COORDINATE MOUNTING HEIGHT WITH A-SERIES DRAWINGS. CIRCUIT PROTECTED BY GFCI BREAKER.
17	RECEPTACLE FOR ICE MACHINE AT +46" A.F.F. TO C.L. CIRCUIT PROTECTED BY GFCI BREAKER.
18	RECEPTACLE / CIRCUIT CONNECTION FOR DISHWASHER.VERIFY EXACT LOCATION WITH MANUFACTURER. CIRCUIT PROTECTED BY GFCI BREAKER.
19	RECEPTACLES FOR STACKED WASHER AND DRYER. COORDINATE MOUNTING HEIGHTS WITH A-SERIES DRAWINGS. CIRCUIT PROTECTED BY GFCI BREAKERS.
20	RECEPTACLE FOR VENDING MACHINE AT +46" A.F.F. TO C.L. CIRCUIT PROTECTED BY GFCI BREAKER.
21	RECEPTACLE / CIRCUIT CONNECTION FOR GOGGLE CABINET AT + 60" A.F.F. TO C.L.
22	RECEPTACLE IN CASEWORK. VERIFY EXACT LOCATION WITH CASEWORK MANUFACTURER PRIOR TO ROUGH-IN. CIRCUIT PROTECTED BY GFCI BREAKER.
23	CIRCUIT CONNECTION FOR FUME HOOD. CONNECT COMPLETE PER MANUFACTURER'S REQUIREMENTS.
24	RECEPTACLE FOR CORD REEL. PROVIDE 25FT WHITE REEL WITH WHITE 20A DUPLEX RECEPTACLE SIMILAR TO HUBBELL INREACH. PROVIDE PLENUM RATED ENCLOSURE SIMILAR TO HUBBELL 'HBLIPRBOX' FOR MOUNTING CORD REEL ABOVE CEILING. COORDINATE LOCATION WITH A-SERIES DRAWINGS.
25	EXACT RECEPTACLE LOCATION AND COLOR OF DEVICE / COVER PLATE SHALL BE COORDINATED WITH ARCHITECT.
26	MOTOR CONTROL DEVICE TO OVERHEAD COILING DOOR. CONNECT COMPLETE TO ALL CONTROLS AND PROVIDE ALL CONTROL WIRING AS REQUIRED.
27	QUADRUPLEX RECEPTACLE FOR AV RACK. COORDINATE MOUNTING LOCATION WITH T-SERIES DRAWINGS.
28	NEMA L6-20 RECEPTACLE FOR TELECOMMUNICATIONS RACK. COORDINATE LOCATION AND MOUNTING HEIGHT WITH T-SERIES DRAWINGS.
29	RECEPTACLE LOCATED IN FACE OF CEILING FOR FOR PROJECTOR. COORDINATE LOCATION WITH T-SERIES DRAWINGS.
30	CIRCUIT CONNECTION FOR MOTORIZED PROJECTION SCREEN. COORDINATE LOCATION WITH T-SERIES DRAWINGS.
31	1P-20A, 120V CONTACTOR FOR LAB GAS SHUT DOWN. ROUTE POWER FOR LAB GAS THRU CONTACTOR FOR CONTROL. PROVIDE RESET SWITCH IN COVER.
32	REFER TO FOOD SERVICE EQUIPMENT CONTRACTOR'S DRAWINGS FOR ADDITIONAL INFORMATION ON MOUNTING LOCATION AND RECEPTACLE / CONNECTION TYPE.
33	CIRCUIT CONNECTION LOCATED ABOVE CEILING FOR SENSOR(S) TRANSFORMER(S). PROVIDE QUANTITY OF JUNCTION BOXES REQUIRED CONNECTED TO CIRCUIT INDICATED. CONNECT COMPLETE TO CIRCUIT INDICATED. REFER TO SCHEMATIC DIAGRAMS FOR ADDITIONAL INFORMATION. COORDINATE WITH P-SERIES DRAWINGS.
34	RECEPTACLE FOR ELECTRIC WATER COOLER. COORDINATE LOCATION WITH MANUFACTURER PRIOR TO INSTALLATION. CIRCUIT PROTECTED BY GFCI BREAKER.
35	EXISTING EQUIPMENT TO BE RELOCATED. VERIFY POWER REQUIREMENTS WITH EXISTING EQUIPMENT.
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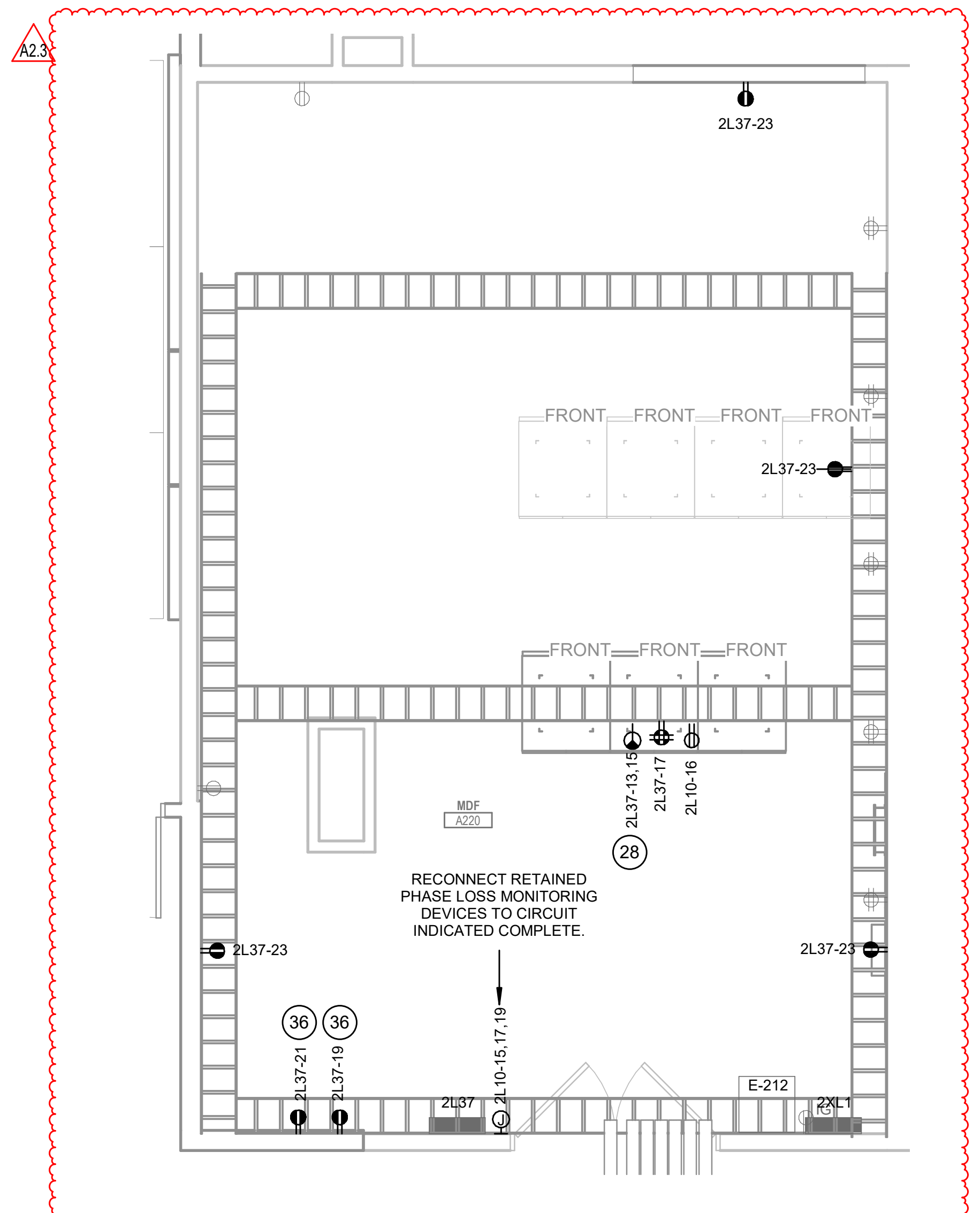
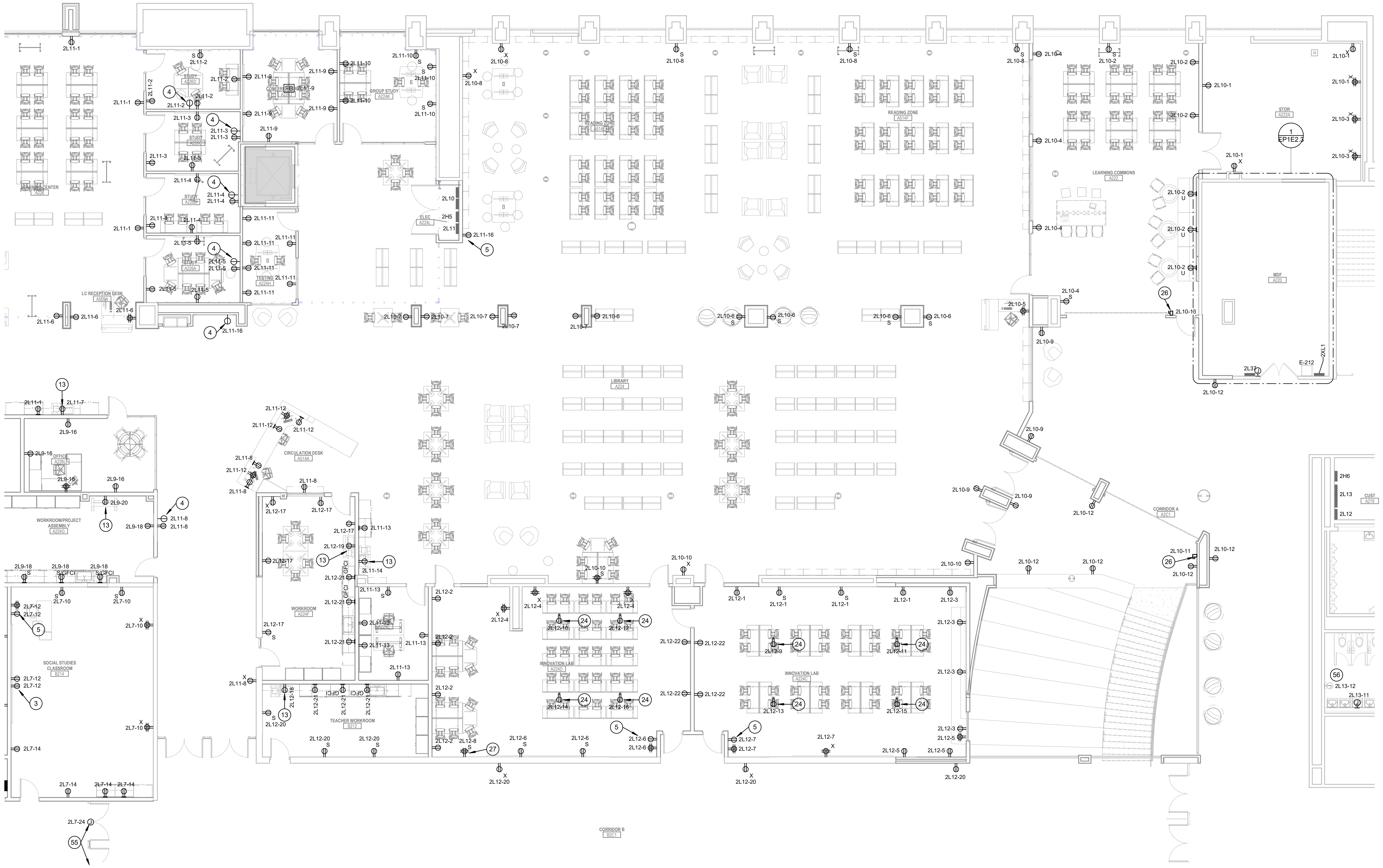
37	PROVIDE TOGGLE DISCONNECT SWITCH FOR SPLIT SYSTEM FAN COIL UNIT. INDOOR UNIT IS POWERED BY OUTDOOR UNIT. REFER TO ROOF PLANS FOR ADDITIONAL INFORMATION ON CORRESPONDING CONDENSING UNIT.
38	PROVIDE CONTACTOR FOR DRESSING ROOM. CONTACTOR SHALL SHUT DOWN ALL ROOM RECEPTACLES AND LIGHTING ADJACENT TO MIRRORS. ROUTE POWER FOR DRESSING ROOM THRU CONTACTOR FOR CONTROL. PROVIDE PILOT LIGHT INDICATOR AND RESET SWITCH IN COVER.
39	DISCONNECT SWITCH PROVIDED BY MANUFACTURER.
40	6-GANG FLOOR BOX. ON-GRADE PAN. PROVIDE (2) DUPLEX RECEPTACLES IN 1" CONDUIT. REFER TO T-SERIES DRAWINGS FOR DEVICE AND CONDUIT REQUIREMENTS AT EACH BOX.
41	EXISTING FLOOR BOX. REPLACE EXISTING DEVICES AS REQUIRED. COORDINATE REQUIREMENTS WITH AV CONTRACTOR. DISCONNECT POWER AND RECONNECT POWER TO INTERNAL PLATE.
42	NEW FLOOR BOX. COORDINATE REQUIREMENTS WITH AV CONTRACTOR.
43	CIRCUIT CONNECTION FOR A/V CEILING ENCLOSURE. COORDINATE LOCATION WITH T-SERIES DRAWINGS.
44	INSTALL RECEPTACLE IN BOTTOM RISER OF BLEACHERS. CONNECT TO FLEXIBLE CABLE FROM WALL OUTLET BOX. COORDINATE OPENING IN BLEACHER WITH MANUFACTURER.
45	INSTALL SCOREBOARD CONTROL OUTLET IN BOTTOM RISER OF BLEACHERS. CONNECT TO FLEXIBLE CABLE FROM WALL OUTLET BOX. COORDINATE OPENING IN BLEACHER WITH MANUFACTURER.
46	PROVIDE FLEXIBLE WIRING FROM OUTLET BOX ON WALL TO DEVICE LOCATED ON BLEACHERS.
47	12" X 12" X 6" JUNCTION BOX FOR MOTORIZED BLEACHERS. INSTALL BOX AT 5'-0" A.F.F. TO C.L. INSTALL IN LOCATION AS RECOMMENDED BY BLEACHER MANUFACTURER. CONTACTORS AND CONTROLLERS ARE PROVIDED, INSTALLED AND WIRED BY THE MANUFACTURER. INSTALL (1) 3/4"C. BETWEEN JUNCTION BOX AND ADJACENT DISCONNECT SWITCH. CONNECT COMPLETE.
48	COORDINATE THEATRICAL LIGHTING ELECTRICAL EQUIPMENT AND CIRCUITING INFORMATION (120V, DMX, & LOW VOLTAGE) WITH TE- AND SKE-SERIES DRAWINGS AND SPECIFICATIONS.
49	COORDINATE A/V EQUIPMENT ELECTRICAL ROUGH-INS TA-SERIES DRAWINGS AND SPECIFICATIONS.
50	EC SHALL PROVIDE CONTACTORS AND ROUTE ALL POWER FOR EQUIPMENT LOCATED UNDER THE HOOD THRU CONTACTORS. CONTACTORS SHALL BE INTERLOCKED WITH THE HOOD FIRE SUPPRESSION SYSTEM TO SHUT DOWN ALL POWER TO EQUIPMENT WHEN FIRE SUPPRESSION SYSTEM IS ACITIVATED. CONTACTORS SHALL HAVE RESET SWITCH LOCATED IN THE COVER. LOCATE CONTACTORS IN ACCESSIBLE LOCATION AS DIRECTED BY THE OWNER. EC MAY PROVIDE SHUNT TRIP BREAKERS IN LIEU OF CONTACTOR
51	CONNECT CEILING FAN AND CONTROLLER COMPLETE. PROVIDE ALL CONTROL WIRING IN CONDUIT AS REQUIRED. CONTROLLER FOR CEILING FAN PROVIDED BY OTHERS. VERIFY LOCATION OF CONTROLLER WITH OWNER
52	PROVIDE NEMA 3R JUNCTION BOX(ES) FOR SIGNAGE AS REQUIRED. VERIFY EXACT LOCATION(S) WITH OWNER'S SIGNAGE MANUFACTURER PRIOR TO INSTALLATION. SIGN SHALL BE CONNECTED TO THE LIGHTING CONTROL SYSTEM. PROVIDE ALL REQUIRED CONTROL WIRING AND CONNECTIONS IN CONDUIT AS REQUIRED.
53	PROVIDE RECEPTACLES IN THIS ROOM WITH ACOUSTICALLY ISOLATED METAL FURRING THAT MAINTAINS ACOUSTICAL ISOLATION BETWEEN THE BACKBOX AND DRYWALL. SEAL EACH LOCATION WITH ACOUSTICAL SEALANT TO PROVIDE RESILENT DECOUPLING BETWEEN THE TWO MATERIALS. REFER TO 'A' SERIES WALL TYPES FOR ADDITIONAL INFORMATION.
54	CIRCUIT CONNECTION FOR AUTO DOOR. PROVIDE ALL CONDUIT AND WIRING FOR CONNECTION OF PUSH PADS TO MOTOR. COORDINATE PUSH PAD LOCATIONS WITH A-SERIES DRAWINGS.
55	CIRCUIT CONNECTION FOR MAGNETIC DOOR HOLD OPENS. PROVIDE ALL CONDUIT AND WIRING.
56	DISCONNECT EXISTING AND RECONNECT NEW EQUIPMENT AS REQUIRED. MAINTAIN EXISTING ROUGH-IN AND WIRING. PROVIDE EXISTING CIRCUIT WITH NEW GFCI BREAKER.
57	PROVIDE JUNCTION BOX ABOVE CEILING FOT FUTURE FEATURE WALL.



1 ENLARGED SECOND FLOOR POWER PLAN - MDF/IDF 23
1/4" = 1'-0"



2A SECOND FLOOR POWER PLAN - UNIT E
1/8" = 1'-0"

SCHMIDT
ASSOCIATES
415 Massachusetts Avenue
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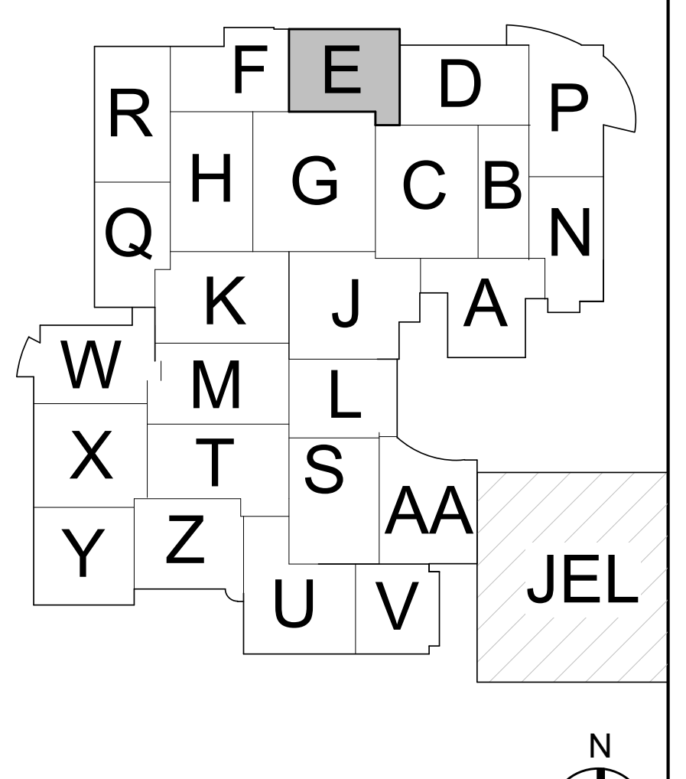
Project No.	2019-067.NCH
Project Date	03.03.2023
Bid Set	03
Produced	JAW

DAVID SHUCK
No. 19700101

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

1801 East 86th Street
Indianapolis, IN 46240



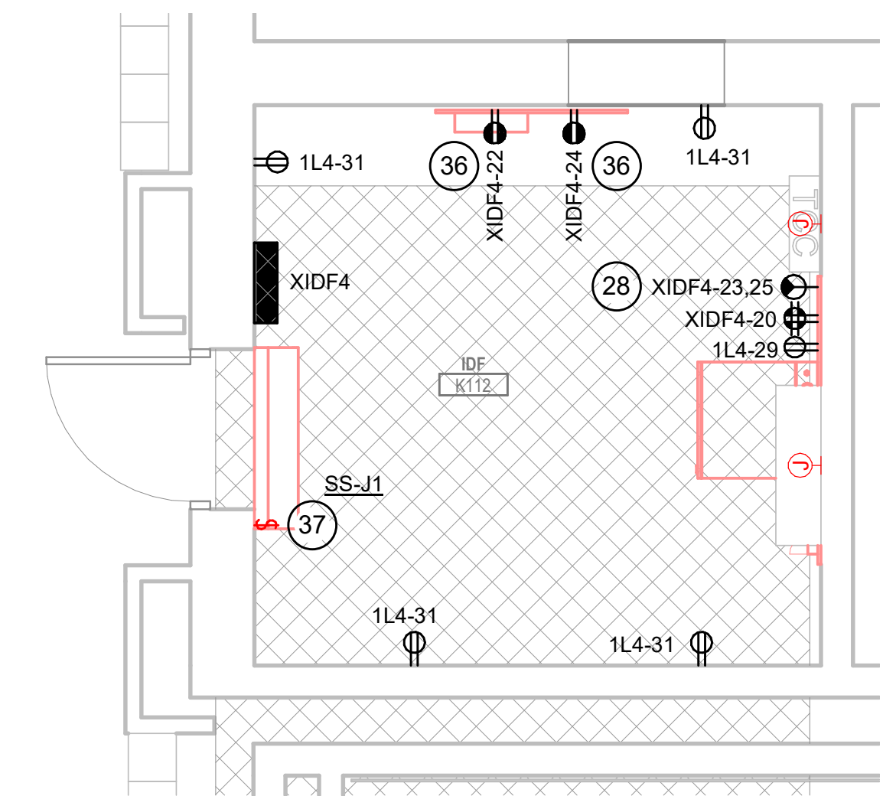
KEY PLAN

M.S.D. of Washington Township

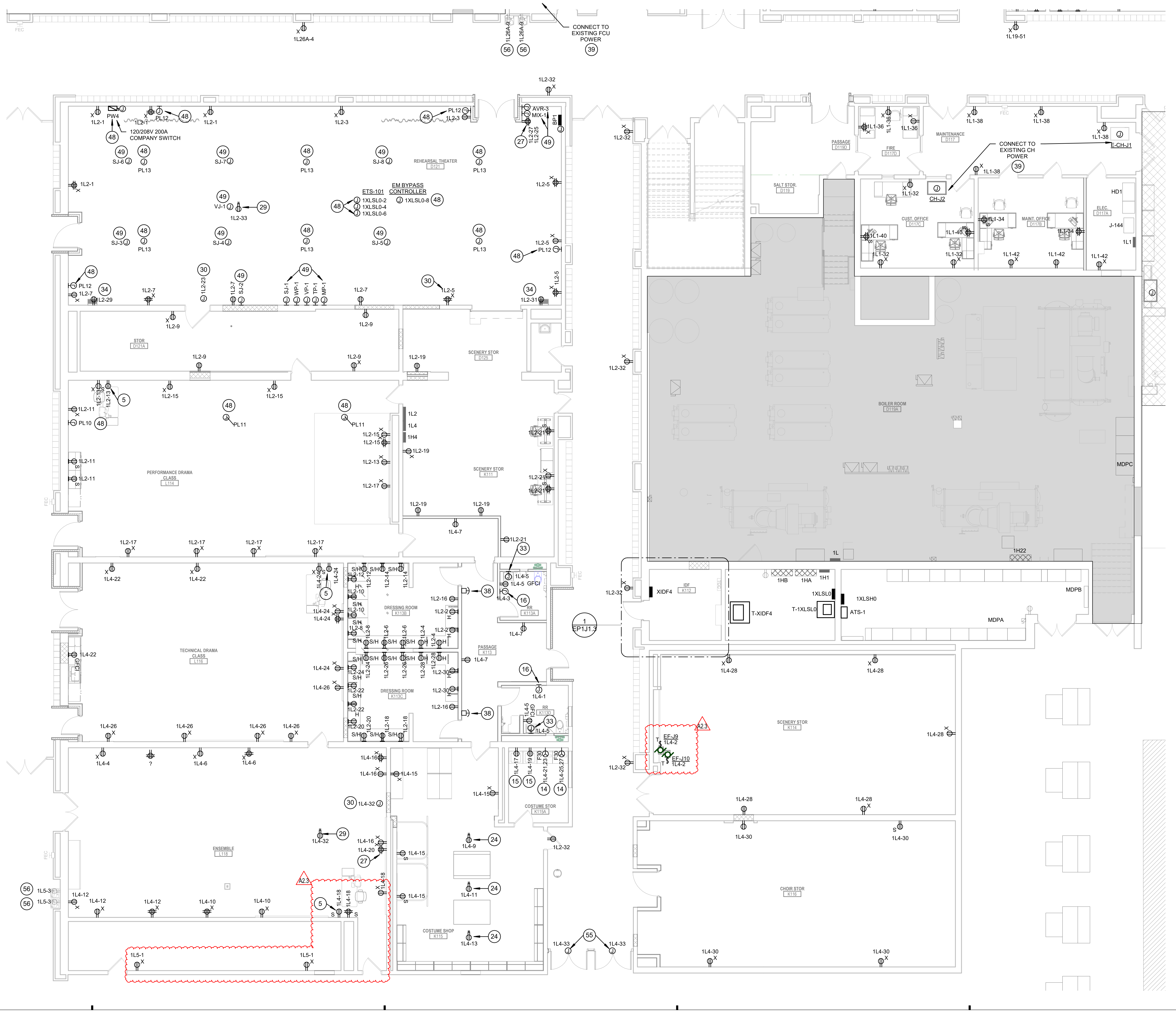
North Central High School Renovation - Additions Phase 3

SECOND FLOOR POWER PLAN - UNIT E

EP1E2.3



1 ENLARGED FIRST FLOOR POWER PLAN - IDF 6
1/4" = 1'-0"



2A FIRST FLOOR POWER PLAN - UNIT J
1/8" = 1'-0"

GENERAL POWER NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.
B	ALL THEATER AND PERFORMING ARTS EQUIPMENT SHALL BE PROVIDED MINIMUM #10AWG.
C	NEW ELECTRICAL DEVICES SHOWN TO BE INSTALLED ON EXISTING BLOCK WALLS / CEILINGS TIGHT TO STRUCTURE SHALL BE INSTALLED SURFACE MOUNTED AND IN SURFACE MOUNTED WIREMOLD PAINTED TO MATCH WALL AND CEILINGS. WIREMOLD SHALL BE INSTALLED NEATLY AND AT RIGHT ANGLES TO STRUCTURE. WHEN POSSIBLE ROUTE VERTICAL WIREMOLD IN CORNERS THEN TO DEVICE / FIXTURE. WIREMOLD SHALL BE INSTALLED TO MINIMIZE LENGTH. REFER TO ARCHITECTURAL FLOOR PLANS AND REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION. CONFIRM EXACT WIREMOLD ROUTING WITH ARCHITECT PRIOR TO INSTALLATION.

POWER PLAN NOTES

#	NOTES
1	GENERAL CLASSROOM INTERIOR FINISHES ALTERNATE. PROVIDE ALTERNATE BID TO REPLACE ALL ELECTRICAL RECEPTACLES AND COVER PLATES IN HATCHED AREA IF SHOWN OR NOT SHOWN. ELECTRICAL DEVICES SHOWN IN THE HATCHED AREA ARE BASED ON EXISTING DRAWINGS AND ALL DEVICES MAY NOT BE SHOWN. ELECTRICAL DEVICES SHALL MATCH CURRENT INSTALLATION CHARACTERISTICS.
2	PROVIDE INFRARED SCAN FOR EQUIPMENT INDICATED. CLEAN ALL DUST OFF EQUIPMENT, EXERCISE AND LUBRICATE ALL FUSIBLE SWITCHES.
3	LOCATION FOR FUTURE RECEPTACLE FOR WALL-MOUNTED SHORT-THROW PROJECTOR. INSTALL CONDUCTORS IN OUTLET BOX. PROVIDE BLANK COVERPLATE. COORDINATE MOUNTING HEIGHT WITH T-SERIES DRAWINGS.
4	RECESSED SIMPLEX RECEPTACLE EQUAL TO HUBBELL RR201CHWTR FOR MONITOR. COORDINATE EXACT LOCATION AND ELEVATION WITH T-SERIES DRAWINGS. INSTALL ADJACENT RECEPTACLE DIRECTLY BELOW (IF SHOWN).
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9	NEMA 14-50R RECEPTACLE FOR RANGE. RECEPTACLE TO BE FLUSH MOUNTED OR OTHERWISE AS REQUIRED TO ALLOW BACK OF RANGE TO BE PLACED FLUSH AGAINST WALL BEHIND THE RANGE. INSTALL RECEPTACLE IN LOCATION AND ORIENTATION AS REQUIRED BY AND IN ACCORDANCE WITH THE SUPPLIED RANGE MANUFACTURER INSTALLATION INSTRUCTIONS.
10	2P-60A, 240V CONTACTOR FOR RANGE SHUT DOWN. ROUTE POWER FOR RANGE THRU CONTACTOR FOR CONTROL. PROVIDE RESET SWITCH IN COVER.
11	RECEPTACLE / CIRCUIT CONNECTION TO RANGE HOOD. RANGE HOOD AND LIGHT SHALL BE SWITCHED SEPARATELY. INSTALL SO THAT THE SWITCHES ARE ACCESSIBLE. COORDINATE LOCATION WITH CASEWORK MANUFACTURER PRIOR TO INSTALLATION.
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13	RECEPTACLE FOR COPIER AT +36" A.F.F. TO C.L.
14	RECEPTACLE FOR WASHER AT +46" A.F.F. TO C.L. CIRCUIT PROTECTED BY GFCI BREAKER.
15	NEMA 14-30 RECEPTACLE FOR DRYER AT +46" A.F.F. TO C.L. CIRCUIT PROTECTEDY GFCI BREAKER.
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44	INSTALL RECEPTACLE IN BOTTOM RISER OF BLEACHERS. CONNECT TO FLEXIBLE CABLE FROM WALL OUTLET BOX. COORDINATE OPENING IN BLEACHER WITH MANUFACTURER.
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#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

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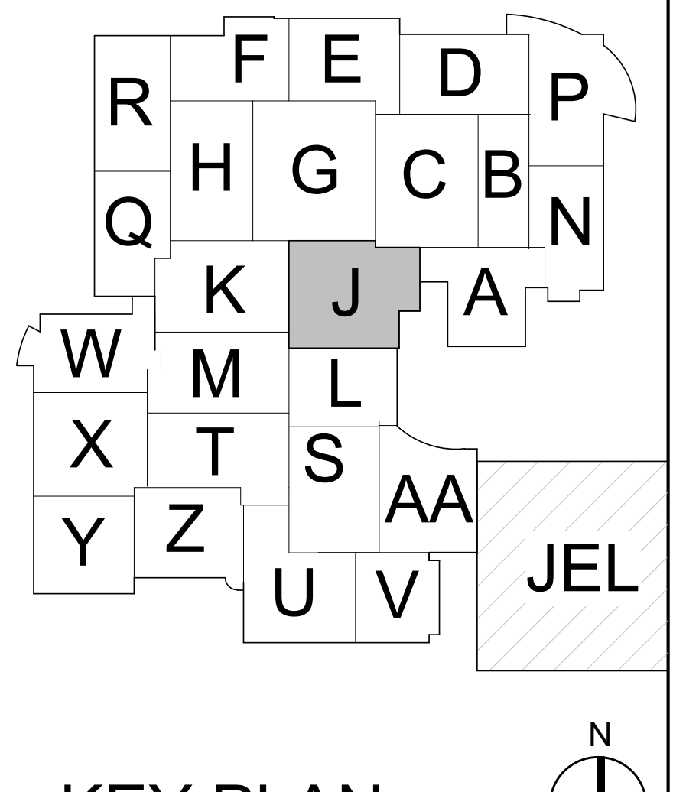


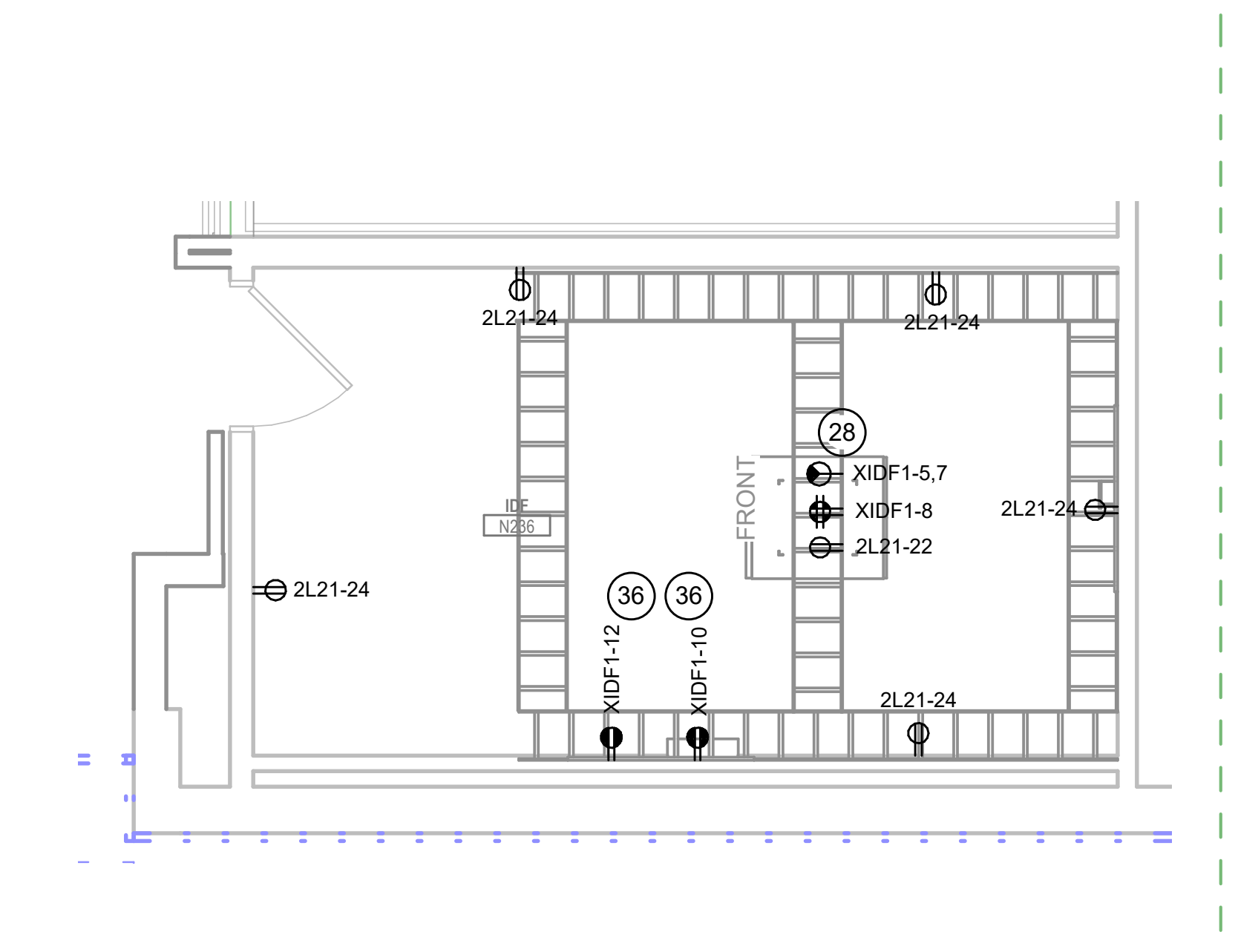
KEY PLAN

M.S.D. of Washington Township

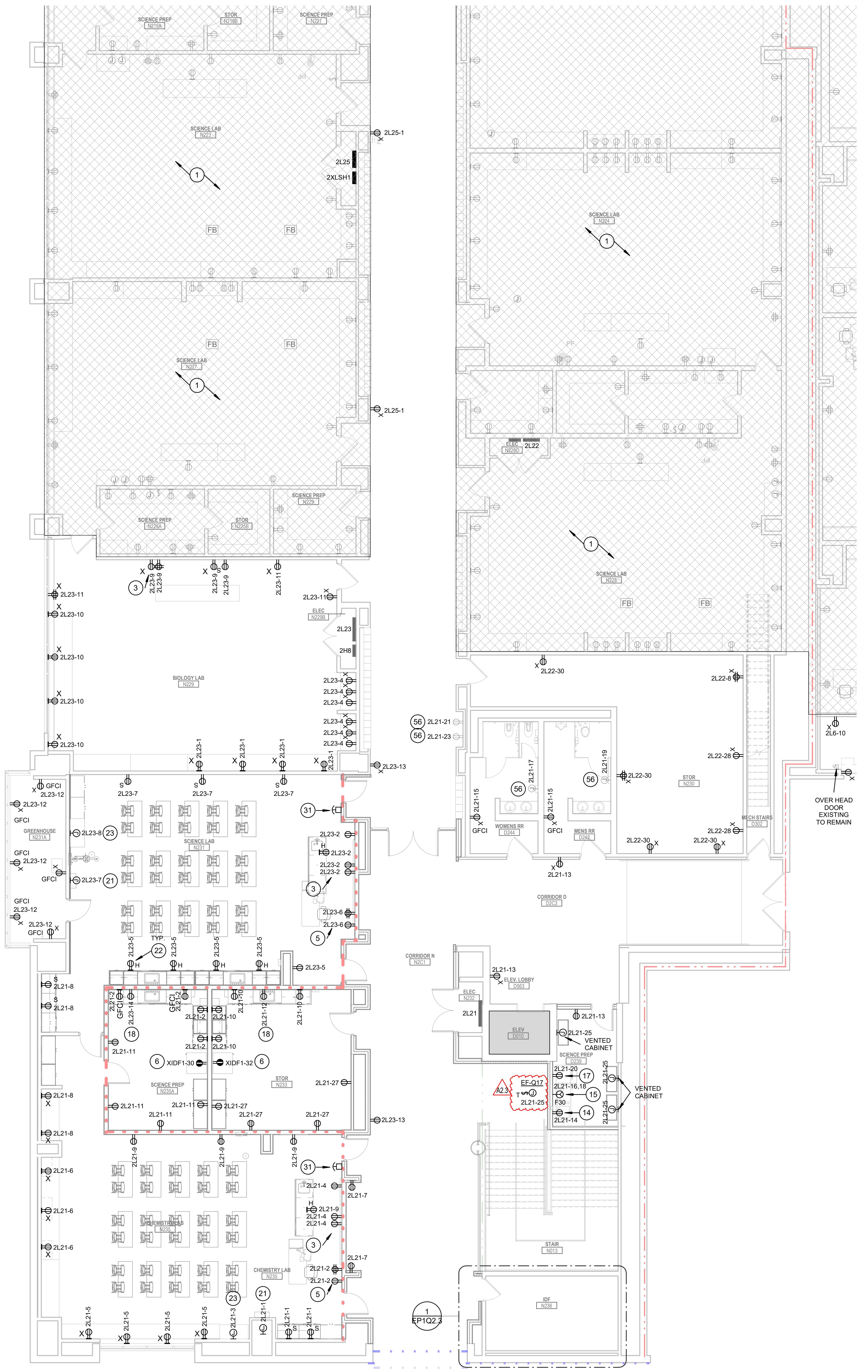
North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR POWER PLAN - UNIT J

EP1J1.3



1 ENLARGED SECOND FLOOR POWER PLAN - IDF 21
1/4" = 1'-0"



2A SECOND FLOOR POWER PLAN - UNIT Q
1/8" = 1'-0"

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12	CIRCUIT CONNECTION FOR BATHROOM LIFT. CONNECT COMPLETE PER MANUFACTURER'S REQUIREMENTS. COORDINATE LOCATION WITH A-SERIES DRAWINGS. CIRCUIT PROTECTED BY GFCI BREAKER.
13	RECEPTACLE FOR COPIER AT +36" A.F.F. TO C.L.
14	RECEPTACLE FOR WASHER AT +46" A.F.F. TO C.L. CIRCUIT PROTECTED BY GFCI BREAKER.
15	NEMA 14-30 RECEPTACLE FOR DRYER AT +46" A.F.F. TO C.L. CIRCUIT PROTECTEDY GFCI BREAKER.
16	CIRCUIT CONNECTION FOR HAND DRYER. COORDINATE MOUNTING HEIGHT WITH A-SERIES DRAWINGS. CIRCUIT PROTECTED BY GFCI BREAKER.
17	RECEPTACLE FOR ICE MACHINE AT +46" A.F.F. TO C.L. CIRCUIT PROTECTED BY GFCI BREAKER.
18	RECEPTACLE / CIRCUIT CONNECTION FOR DISHWASHER.VERIFY EXACT LOCATION WITH MANUFACTURER. CIRCUIT PROTECTED BY GFCI BREAKER.
19	RECEPTACLES FOR STACKED WASHER AND DRYER. COORDINATE MOUNTING HEIGHTS WITH A-SERIES DRAWINGS. CIRCUIT PROTECTED BY GFCI BREAKERS.
20	RECEPTACLE FOR VENDING MACHINE AT +46" A.F.F. TO C.L. CIRCUIT PROTECTED BY GFCI BREAKER.
21	RECEPTACLE / CIRCUIT CONNECTION FOR GOGGLE CABINET AT + 60" A.F.F. TO C.L.
22	RECEPTACLE IN CASEWORK. VERIFY EXACT LOCATION WITH CASEWORK MANUFACTURER PRIOR TO ROUGH-IN. CIRCUIT PROTECTED BY GFCI BREAKER.
23	CIRCUIT CONNECTION FOR FUME HOOD. CONNECT COMPLETE PER MANUFACTURER'S REQUIREMENTS.
24	RECEPTACLE FOR CORD REEL. PROVIDE 25FT WHITE REEL WITH WHITE 20A DUPLEX RECEPTACLE SIMILAR TO HUBBELL INREACH. PROVIDE PLENUM RATED ENCLOSURE SIMILAR TO HUBBELL 'HBLIPRBOX' FOR MOUNTING CORD REEL ABOVE CEILING. COORDINATE LOCATION WITH A-SERIES DRAWINGS.
25	EXACT RECEPTACLE LOCATION AND COLOR OF DEVICE / COVER PLATE SHALL BE COORDINATED WITH ARCHITECT.
26	MOTOR CONTROL DEVICE TO OVERHEAD COILING DOOR. CONNECT COMPLETE TO ALL CONTROLS AND PROVIDE ALL CONTROL WIRING AS REQUIRED.
27	QUADRUPLEX RECEPTACLE FOR AV RACK. COORDINATE MOUNTING LOCATION WITH T-SERIES DRAWINGS.
28	NEMA L6-20 RECEPTACLE FOR TELECOMMUNICATIONS RACK. COORDINATE LOCATION AND MOUNTING HEIGHT WITH T-SERIES DRAWINGS.
29	RECEPTACLE LOCATED IN FACE OF CEILING FOR FOR PROJECTOR. COORDINATE LOCATION WITH T-SERIES DRAWINGS.
30	CIRCUIT CONNECTION FOR MOTORIZED PROJECTION SCREEN. COORDINATE LOCATION WITH T-SERIES DRAWINGS.
31	1P-20A, 120V CONTACTOR FOR LAB GAS SHUT DOWN. ROUTE POWER FOR LAB GAS THRU CONTACTOR FOR CONTROL. PROVIDE RESET SWITCH IN COVER.
32	REFER TO FOOD SERVICE EQUIPMENT CONTRACTOR'S DRAWINGS FOR ADDITIONAL INFORMATION ON MOUNTING LOCATION AND RECEPTACLE / CONNECTION TYPE.
33	CIRCUIT CONNECTION LOCATED ABOVE CEILING FOR SENSOR(S) TRANSFORMER(S). PROVIDE QUANTITY OF JUNCTION BOXES REQUIRED CONNECTED TO CIRCUIT INDICATED. CONNECT COMPLETE TO CIRCUIT INDICATED. REFER TO SCHEMATIC DIAGRAMS FOR ADDITIONAL INFORMATION. COORDINATE WITH P-SERIES DRAWINGS.
34	RECEPTACLE FOR ELECTRIC WATER COOLER. COORDINATE LOCATION WITH MANUFACTURER PRIOR TO INSTALLATION. CIRCUIT PROTECTED BY GFCI BREAKER.
35	EXISTING EQUIPMENT TO BE RELOCATED. VERIFY POWER REQUIREMENTS WITH EXISTING EQUIPMENT.
36	RECEPTACLES FOR ACCESS CONTROL PANELS. COORDINATE EXACT LOCATION WITH ACCESS CONTROL CONTRACTOR.
37	PROVIDE TOGGLE DISCONNECT SWITCH FOR SPLIT SYSTEM FAN COIL UNIT. INDOOR UNIT IS POWERED BY OUTDOOR UNIT. REFER TO ROOF PLANS FOR ADDITIONAL INFORMATION ON CORRESPONDING CONDENSING UNIT.
38	PROVIDE CONTACTOR FOR DRESSING ROOM. CONTACTOR SHALL SHUT DOWN ALL ROOM RECEPTACLES AND LIGHTING ADJACENT TO MIRRORS. ROUTE POWER FOR DRESSING ROOM THRU CONTACTOR FOR CONTROL. PROVIDE PILOT LIGHT INDICATOR AND RESET SWITCH IN COVER.
39	DISCONNECT SWITCH PROVIDED BY MANUFACTURER.
40	6-GANG FLOOR BOX. ON-GRADE PAN. PROVIDE (2) DUPLEX RECEPTACLES IN 1" CONDUIT. REFER TO T-SERIES DRAWINGS FOR DEVICE AND CONDUIT REQUIREMENTS AT EACH BOX.
41	EXISTING FLOOR BOX. REPLACE EXISTING DEVICES AS REQUIRED. COORDINATE REQUIREMENTS WITH AV CONTRACTOR. DISCONNECT POWER AND RECONNECT POWER TO INTERNAL PLATE.
42	NEW FLOOR BOX. COORDINATE REQUIREMENTS WITH AV CONTRACTOR.
43	CIRCUIT CONNECTION FOR A/V CEILING ENCLOSURE. COORDINATE LOCATION WITH T-SERIES DRAWINGS.
44	INSTALL RECEPTACLE IN BOTTOM RISER OF BLEACHERS. CONNECT TO FLEXIBLE CABLE FROM WALL OUTLET BOX. COORDINATE OPENING IN BLEACHER WITH MANUFACTURER.
45	INSTALL SCOREBOARD CONTROL OUTLET IN BOTTOM RISER OF BLEACHERS. CONNECT TO FLEXIBLE CABLE FROM WALL OUTLET BOX. COORDINATE OPENING IN BLEACHER WITH MANUFACTURER.
46	PROVIDE FLEXIBLE WIRING FROM OUTLET BOX ON WALL TO DEVICE LOCATED ON BLEACHERS.
47	12" X 12" X 6" JUNCTION BOX FOR MOTORIZED BLEACHERS. INSTALL BOX AT 5'-0" A.F.F. TO C.L. INSTALL IN LOCATION AS RECOMMENDED BY BLEACHER MANUFACTURER. CONTACTORS AND CONTROLLERS ARE PROVIDED, INSTALLED AND WIRED BY THE MANUFACTURER. INSTALL (1) 3/4"C. BETWEEN JUNCTION BOX AND ADJACENT DISCONNECT SWITCH. CONNECT COMPLETE.
48	COORDINATE THEATRICAL LIGHTING ELECTRICAL EQUIPMENT AND CIRCUITING INFORMATION (120V, DMX, & LOW VOLTAGE) WITH TE- AND SKE-SERIES DRAWINGS AND SPECIFICATIONS.
49	COORDINATE A/V EQUIPMENT ELECTRICAL ROUGH-INS TA-SERIES DRAWINGS AND SPECIFICATIONS.
50	EC SHALL PROVIDE CONTACTORS AND ROUTE ALL POWER FOR EQUIPMENT LOCATED UNDER THE HOOD THRU CONTACTORS. CONTACTORS SHALL BE INTERLOCKED WITH THE HOOD FIRE SUPPRESSION SYSTEM TO SHUT DOWN ALL POWER TO EQUIPMENT WHEN FIRE SUPPRESSION SYSTEM IS ACITIVATED. CONTACTORS SHALL HAVE RESET SWITCH LOCATED IN THE COVER. LOCATE CONTACTORS IN ACCESSIBLE LOCATION AS DIRECTED BY THE OWNER. EC MAY PROVIDE SHUNT TRIP BREAKERS IN LIEU OF CONTACTOR
51	CONNECT CEILING FAN AND CONTROLLER COMPLETE. PROVIDE ALL CONTROL WIRING IN CONDUIT AS REQUIRED. CONTROLLER FOR CEILING FAN PROVIDED BY OTHERS. VERIFY LOCATION OF CONTROLLER WITH OWNER
52	PROVIDE NEMA 3R JUNCTION BOX(ES) FOR SIGNAGE AS REQUIRED. VERIFY EXACT LOCATION(S) WITH OWNER'S SIGNAGE MANUFACTURER PRIOR TO INSTALLATION. SIGN SHALL BE CONNECTED TO THE LIGHTING CONTROL SYSTEM. PROVIDE ALL REQUIRED CONTROL WIRING AND CONNECTIONS IN CONDUIT AS REQUIRED.
53	PROVIDE RECEPTACLES IN THIS ROOM WITH ACOUSTICALLY ISOLATED METAL FURRING THAT MAINTAINS ACOUSTICAL ISOLATION BETWEEN THE BACKBOX AND DRYWALL. SEAL EACH LOCATION WITH ACOUSTICAL SEALANT TO PROVIDE RESILENT DECOUPLING BETWEEN THE TWO MATERIALS. REFER TO 'A' SERIES WALL TYPES FOR ADDITIONAL INFORMATION.
54	CIRCUIT CONNECTION FOR AUTO DOOR. PROVIDE ALL CONDUIT AND WIRING FOR CONNECTION OF PUSH PADS TO MOTOR. COORDINATE PUSH PAD LOCATIONS WITH A-SERIES DRAWINGS.
55	CIRCUIT CONNECTION FOR MAGNETIC DOOR HOLD OPENS. PROVIDE ALL CONDUIT AND WIRING.
56	DISCONNECT EXISTING AND RECONNECT NEW EQUIPMENT AS REQUIRED. MAINTAIN EXISTING ROUGH-IN AND WIRING. PROVIDE EXISTING CIRCUIT WITH NEW GFCI BREAKER.
57	PROVIDE JUNCTION BOX ABOVE CEILING FOT FUTURE FEATURE WALL.

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Project No. 2019-067.NCH
Project Date 03.03.2023
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Produced JAW

DAVID SHUCK
No. 19700101

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

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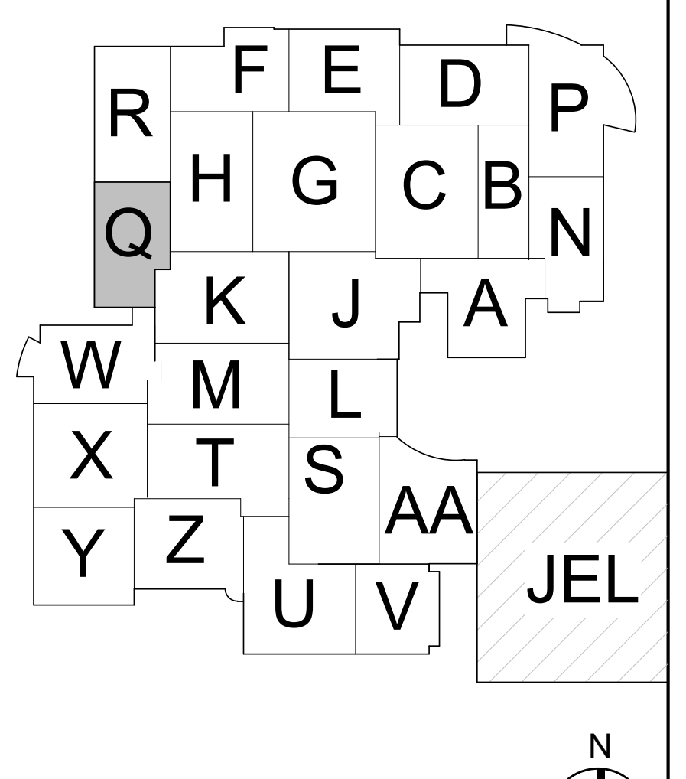

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR POWER PLAN - UNIT Q

EP1Q2.3

FIRST FLOOR POWER PLAN - UNIT S

1/8" = 1'-0"

GENERAL POWER NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.
B	ALL THEATER AND PERFORMING ARTS EQUIPMENT SHALL BE PROVIDED MINIMUM #10AWG.
C	NEW ELECTRICAL DEVICES SHOWN TO BE INSTALLED ON EXISTING BLOCK WALLS / CEILINGS TIGHT TO STRUCTURE SHALL BE INSTALLED SURFACE MOUNTED AND IN SURFACE MOUNTED WIREMOLD PAINTED TO MATCH WALL AND CEILINGS. WIREMOLD SHALL BE INSTALLED NEATLY AND AT RIGHT ANGLES TO STRUCTURE. WHEN POSSIBLE ROUTE VERTICAL WIREMOLD IN CORNERS THEN TO DEVICE / FIXTURE. WIREMOLD SHALL BE INSTALLED TO MINIMIZE LENGTH. REFER TO ARCHITECTURAL FLOOR PLANS AND REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION. CONFIRM EXACT WIREMOLD ROUTING WITH ARCHITECT PRIOR TO INSTALLATION.

POWER PLAN NOTES

#	NOTES
1	GENERAL CLASSROOM INTERIOR FINISHES ALTERNATE. PROVIDE ALTERNATE BID TO REPLACE ALL ELECTRICAL RECEPTACLES AND COVER PLATES IN HATCHED AREA IF SHOWN OR NOT SHOWN. ELECTRICAL DEVICES SHOWN IN THE HATCHED AREA ARE BASED ON EXISTING DRAWINGS AND ALL DEVICES MAY NOT BE SHOWN. ELECTRICAL DEVICES SHALL MATCH CURRENT INSTALLATION CHARACTERISTICS.
2	PROVIDE INFRARED SCAN FOR EQUIPMENT INDICATED. CLEAN ALL DUST OFF EQUIPMENT, EXERCISE AND LUBRICATE ALL FUSIBLE SWITCHES.
3	LOCATION FOR FUTURE RECEPTACLE FOR WALL-MOUNTED SHORT-THROW PROJECTOR. INSTALL CONDUCTORS IN OUTLET BOX. PROVIDE BLANK COVERPLATE. COORDINATE MOUNTING HEIGHT WITH T-SERIES DRAWINGS.
4	RECESSED SIMPLEX RECEPTACLE EQUAL TO HUBBELL RR201CHWTR FOR MONITOR. COORDINATE EXACT LOCATION AND ELEVATION WITH T-SERIES DRAWINGS. INSTALL ADJACENT RECEPTACLE DIRECTLY BELOW (IF SHOWN).
5	INSTALL RECEPTACLE INDICATED AT +46" A.F.F. TO C.L. DIRECTLY ABOVE ADJACENT RECEPTACLE. REFER TO T-SERIES DRAWINGS FOR DATA AND POWER LAYOUT.
6	RECEPTACLE FOR REFRIGERATOR AT +46" A.F.F. TO C.L. CIRCUIT PROTECTED BY GFCI BREAKER.
7	RECEPTACLE FOR MICROWAVE. VERIFY EXACT LOCATION OF RECEPTACLE WITH CASEWORK MANUFACTURER PRIOR TO INSTALLATION.
8	RECEPTACLE FOR COFFEE MAKER.
9	NEMA 14-50R RECEPTACLE FOR RANGE. RECEPTACLE TO BE FLUSH MOUNTED OR OTHERWISE AS REQUIRED TO ALLOW BACK OF RANGE TO BE PLACED FLUSH AGAINST WALL BEHIND THE RANGE. INSTALL RECEPTACLE IN LOCATION AND ORIENTATION AS REQUIRED BY AND IN ACCORDANCE WITH THE SUPPLIED RANGE MANUFACTURER INSTALLATION INSTRUCTIONS.
10	2P-60A, 240V CONTACTOR FOR RANGE SHUT DOWN. ROUTE POWER FOR RANGE THRU CONTACTOR FOR CONTROL. PROVIDE RESET SWITCH IN COVER.
11	RECEPTACLE / CIRCUIT CONNECTION TO RANGE HOOD. RANGE HOOD AND LIGHT SHALL BE SWITCHED SEPARATELY. INSTALL SO THAT THE SWITCHES ARE ACCESSIBLE. COORDINATE LOCATION WITH CASEWORK MANUFACTURER PRIOR TO INSTALLATION.
12	CIRCUIT CONNECTION FOR BATHROOM LIFT. CONNECT COMPLETE PER MANUFACTURER'S REQUIREMENTS. COORDINATE LOCATION WITH A-SERIES DRAWINGS. CIRCUIT PROTECTED BY GFCI BREAKER.
13	RECEPTACLE FOR COPIER AT +36" A.F.F. TO C.L.
14	RECEPTACLE FOR WASHER AT +46" A.F.F. TO C.L. CIRCUIT PROTECTED BY GFCI BREAKER.
15	NEMA 14-30 RECEPTACLE FOR DRYER AT +46" A.F.F. TO C.L. CIRCUIT PROTECTEDY GFCI BREAKER.
16	CIRCUIT CONNECTION FOR HAND DRYER. COORDINATE MOUNTING HEIGHT WITH A-SERIES DRAWINGS. CIRCUIT PROTECTED BY GFCI BREAKER.
17	RECEPTACLE FOR ICE MACHINE AT +46" A.F.F. TO C.L. CIRCUIT PROTECTED BY GFCI BREAKER.
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20	RECEPTACLE FOR VENDING MACHINE AT +46" A.F.F. TO C.L. CIRCUIT PROTECTED BY GFCI BREAKER.
21	RECEPTACLE / CIRCUIT CONNECTION FOR GOGGLE CABINET AT + 60" A.F.F. TO C.L.
22	RECEPTACLE IN CASEWORK. VERIFY EXACT LOCATION WITH CASEWORK MANUFACTURER PRIOR TO ROUGH-IN. CIRCUIT PROTECTED BY GFCI BREAKER.
23	CIRCUIT CONNECTION FOR FUME HOOD. CONNECT COMPLETE PER MANUFACTURER'S REQUIREMENTS.
24	RECEPTACLE FOR CORD REEL. PROVIDE 25FT WHITE REEL WITH WHITE 20A DUPLEX RECEPTACLE SIMILAR TO HUBBELL INREACH. PROVIDE PLENUM RATED ENCLOSURE SIMILAR TO HUBBELL 'HBLIPRBOX' FOR MOUNTING CORD REEL ABOVE CEILING. COORDINATE LOCATION WITH A-SERIES DRAWINGS.
25	EXACT RECEPTACLE LOCATION AND COLOR OF DEVICE / COVER PLATE SHALL BE COORDINATED WITH ARCHITECT.
26	MOTOR CONTROL DEVICE TO OVERHEAD COILING DOOR. CONNECT COMPLETE TO ALL CONTROLS AND PROVIDE ALL CONTROL WIRING AS REQUIRED.
27	QUADRUPLEX RECEPTACLE FOR AV RACK. COORDINATE MOUNTING LOCATION WITH T-SERIES DRAWINGS.
28	NEMA L6-20 RECEPTACLE FOR TELECOMMUNICATIONS RACK. COORDINATE LOCATION AND MOUNTING HEIGHT WITH T-SERIES DRAWINGS.
29	RECEPTACLE LOCATED IN FACE OF CEILING FOR FOR PROJECTOR. COORDINATE LOCATION WITH T-SERIES DRAWINGS.
30	CIRCUIT CONNECTION FOR MOTORIZED PROJECTION SCREEN. COORDINATE LOCATION WITH T-SERIES DRAWINGS.
31	1P-20A, 120V CONTACTOR FOR LAB GAS SHUT DOWN. ROUTE POWER FOR LAB GAS THRU CONTACTOR FOR CONTROL. PROVIDE RESET SWITCH IN COVER.
32	REFER TO FOOD SERVICE EQUIPMENT CONTRACTOR'S DRAWINGS FOR ADDITIONAL INFORMATION ON MOUNTING LOCATION AND RECEPTACLE / CONNECTION TYPE.
33	CIRCUIT CONNECTION LOCATED ABOVE CEILING FOR SENSOR(S) TRANSFORMER(S). PROVIDE QUANTITY OF JUNCTION BOXES REQUIRED CONNECTED TO CIRCUIT INDICATED. CONNECT COMPLETE TO CIRCUIT INDICATED. REFER TO SCHEMATIC DIAGRAMS FOR ADDITIONAL INFORMATION. COORDINATE WITH P-SERIES DRAWINGS.
34	RECEPTACLE FOR ELECTRIC WATER COOLER. COORDINATE LOCATION WITH MANUFACTURER PRIOR TO INSTALLATION. CIRCUIT PROTECTED BY GFCI BREAKER.
35	EXISTING EQUIPMENT TO BE RELOCATED. VERIFY POWER REQUIREMENTS WITH EXISTING EQUIPMENT.
36	RECEPTACLES FOR ACCESS CONTROL PANELS. COORDINATE EXACT LOCATION WITH ACCESS CONTROL CONTRACTOR.
37	PROVIDE TOGGLE DISCONNECT SWITCH FOR SPLIT SYSTEM FAN COIL UNIT. INDOOR UNIT IS POWERED BY OUTDOOR UNIT. REFER TO ROOF PLANS FOR ADDITIONAL INFORMATION ON CORRESPONDING CONDENSING UNIT.
38	PROVIDE CONTACTOR FOR DRESSING ROOM. CONTACTOR SHALL SHUT DOWN ALL ROOM RECEPTACLES AND LIGHTING ADJACENT TO MIRRORS. ROUTE POWER FOR DRESSING ROOM THRU CONTACTOR FOR CONTROL. PROVIDE PILOT LIGHT INDICATOR AND RESET SWITCH IN COVER.
39	DISCONNECT SWITCH PROVIDED BY MANUFACTURER.
40	6-GANG FLOOR BOX. ON-GRADE PAN. PROVIDE (2) DUPLEX RECEPTACLES IN 1" CONDUIT. REFER TO T-SERIES DRAWINGS FOR DEVICE AND CONDUIT REQUIREMENTS AT EACH BOX.
41	EXISTING FLOOR BOX. REPLACE EXISTING DEVICES AS REQUIRED. COORDINATE REQUIREMENTS WITH AV CONTRACTOR. DISCONNECT POWER AND RECONNECT POWER TO INTERNAL PLATE.
42	NEW FLOOR BOX. COORDINATE REQUIREMENTS WITH AV CONTRACTOR.
43	CIRCUIT CONNECTION FOR A/V CEILING ENCLOSURE. COORDINATE LOCATION WITH T-SERIES DRAWINGS.
44	INSTALL RECEPTACLE IN BOTTOM RISER OF BLEACHERS. CONNECT TO FLEXIBLE CABLE FROM WALL OUTLET BOX. COORDINATE OPENING IN BLEACHER WITH MANUFACTURER.
45	INSTALL SCOREBOARD CONTROL OUTLET IN BOTTOM RISER OF BLEACHERS. CONNECT TO FLEXIBLE CABLE FROM WALL OUTLET BOX. COORDINATE OPENING IN BLEACHER WITH MANUFACTURER.
46	PROVIDE FLEXIBLE WIRING FROM OUTLET BOX ON WALL TO DEVICE LOCATED ON BLEACHERS.
47	12" X 12" X 6" JUNCTION BOX FOR MOTORIZED BLEACHERS. INSTALL BOX AT 5'-0" A.F.F. TO C.L. INSTALL IN LOCATION AS RECOMMENDED BY BLEACHER MANUFACTURER. CONTACTORS AND CONTROLLERS ARE PROVIDED, INSTALLED AND WIRED BY THE MANUFACTURER. INSTALL (1) 3/4"C. BETWEEN JUNCTION BOX AND ADJACENT DISCONNECT SWITCH. CONNECT COMPLETE.
48	COORDINATE THEATRICAL LIGHTING ELECTRICAL EQUIPMENT AND CIRCUITING INFORMATION (120V, DMX, & LOW VOLTAGE) WITH TE- AND SKE-SERIES DRAWINGS AND SPECIFICATIONS.
49	COORDINATE A/V EQUIPMENT ELECTRICAL ROUGH-INS TA-SERIES DRAWINGS AND SPECIFICATIONS.
50	EC SHALL PROVIDE CONTACTORS AND ROUTE ALL POWER FOR EQUIPMENT LOCATED UNDER THE HOOD THRU CONTACTORS. CONTACTORS SHALL BE INTERLOCKED WITH THE HOOD FIRE SUPPRESSION SYSTEM TO SHUT DOWN ALL POWER TO EQUIPMENT WHEN FIRE SUPPRESSION SYSTEM IS ACITIVATED. CONTACTORS SHALL HAVE RESET SWITCH LOCATED IN THE COVER. LOCATE CONTACTORS IN ACCESSIBLE LOCATION AS DIRECTED BY THE OWNER. EC MAY PROVIDE SHUNT TRIP BREAKERS IN LIEU OF CONTACTOR
51	CONNECT CEILING FAN AND CONTROLLER COMPLETE. PROVIDE ALL CONTROL WIRING IN CONDUIT AS REQUIRED. CONTROLLER FOR CEILING FAN PROVIDED BY OTHERS. VERIFY LOCATION OF CONTROLLER WITH OWNER
52	PROVIDE NEMA 3R JUNCTION BOX(ES) FOR SIGNAGE AS REQUIRED. VERIFY EXACT LOCATION(S) WITH OWNER'S SIGNAGE MANUFACTURER PRIOR TO INSTALLATION. SIGN SHALL BE CONNECTED TO THE LIGHTING CONTROL SYSTEM. PROVIDE ALL REQUIRED CONTROL WIRING AND CONNECTIONS IN CONDUIT AS REQUIRED.
53	PROVIDE RECEPTACLES IN THIS ROOM WITH ACOUSTICALLY ISOLATED METAL FURRING THAT MAINTAINS ACOUSTICAL ISOLATION BETWEEN THE BACKBOX AND DRYWALL. SEAL EACH LOCATION WITH ACOUSTICAL SEALANT TO PROVIDE RESILENT DECOUPLING BETWEEN THE TWO MATERIALS. REFER TO 'A' SERIES WALL TYPES FOR ADDITIONAL INFORMATION.
54	CIRCUIT CONNECTION FOR AUTO DOOR. PROVIDE ALL CONDUIT AND WIRING FOR CONNECTION OF PUSH PADS TO MOTOR. COORDINATE PUSH PAD LOCATIONS WITH A-SERIES DRAWINGS.
55	CIRCUIT CONNECTION FOR MAGNETIC DOOR HOLD OPENS. PROVIDE ALL CONDUIT AND WIRING.
56	DISCONNECT EXISTING AND RECONNECT NEW EQUIPMENT AS REQUIRED. MAINTAIN EXISTING ROUGH-IN AND WIRING. PROVIDE EXISTING CIRCUIT WITH NEW GFCI BREAKER.
57	PROVIDE JUNCTION BOX ABOVE CEILING FOT FUTURE FEATURE WALL.

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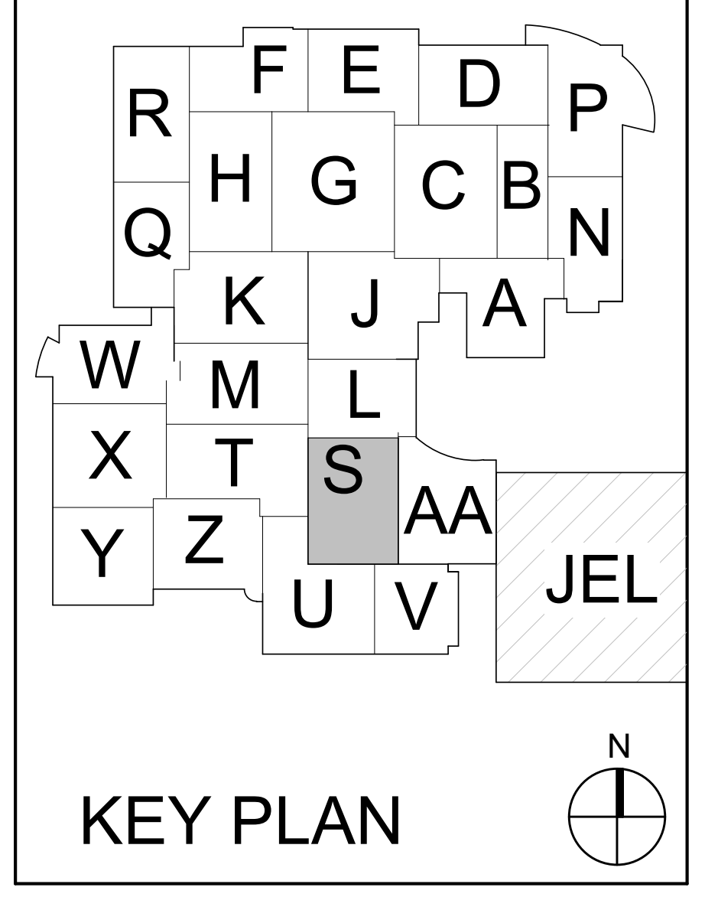
Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced JAW

DAVID SHUCK
No. 19700101

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

1801 East 86th Street
Indianapolis, IN 46240



KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR POWER PLAN - UNIT S

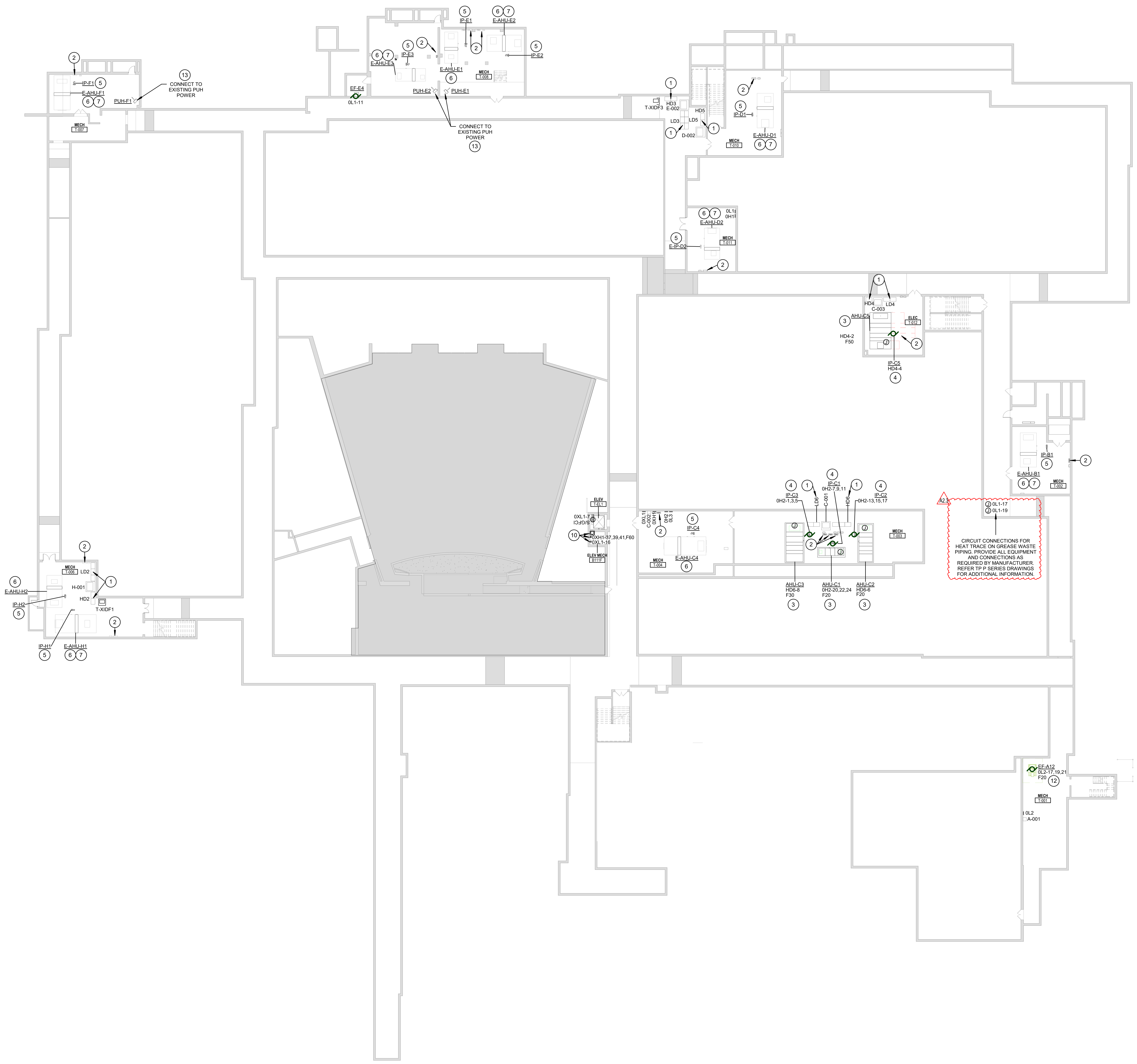
EP1S1.3

LOWER LEVEL & ROOF GENERAL NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.
B	DIV 26 TO PROVIDE 120V-1P, 20A EXHAUST FAN MOTOR STARTER DISCONNECT FOR EXHAUST FANS. DIV 23 PROVIDES CONTROL RELAY AND CURRENT TRANSFORMER SWITCH. VERIFY EXACT LOCATION PRIOR TO INSTALLATION. REFER TO SHEET M SERIES SHEETS FOR ADDITIONAL INFORMATION.

LOWER LEVEL & ROOF PLAN NOTES

#	NOTES
1	PROVIDE INFRARED SCAN FOR EQUIPMENT INDICATED. CLEAN ALL DUST OFF EQUIPMENT, EXERCISE AND LUBRICATE ALL FUSIBLE SWITCHES.
2	CONNECT NEW AIR HANDLING UNIT BUILDING AUTOMATION CONTROLLER TO CIRCUIT SERVING EXISTING BUILDING AUTOMATION CONTROLLER COMPLETE. REFER TO M SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
3	CONNECT AIR HANDLING UNIT AND ASSOCIATED VARIABLE FREQUENCY DRIVE COMPLETE TO CIRCUIT INDICATED. VARIABLE FREQUENCY DRIVE PROVIDED BY DIV 23 AND INSTALLED BY DIV 26. REFER TO M SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
4	CONNECT NEW CIRCULATION PUMP COMPLETE TO CIRCUIT INDICATED. REFER TO M SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
5	CONNECT NEW CIRCULATION PUMP TO EXISTING CIRCUIT MAINTAINED DURING DEMOLITION. REFER TO M SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
6	DISCONNECT EXISTING AIR HANDLING UNIT MOTOR CONTROL AND CONNECT NEW VARIABLE FREQUENCY DRIVE TO EXISTING CIRCUIT MAINTAINED DURING DEMOLITION. VARIABLE FREQUENCY DRIVE PROVIDED BY DIV 23 AND INSTALLED BY DIV 26. REFER TO M SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
7	DISCONNECT EXISTING AIR HANDLING UNIT MOTOR AND CONNECT NEW MOTOR COMPLETE. REFER TO M SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
8	PROVIDE 208V-1P, 30A, NEMA 3R, FUSIBLE DISCONNECT SWITCH FUSED PER UNIT MANUFACTURERS RECOMMENDATIONS. PROVIDE ADDITIONAL SUPPORT STRUCTURE AS REQUIRED.
9	REFER TO FIRST FLOOR KITCHEN PLANS FOR ADDITIONAL INFORMATION.
10	K HALL ELEVATOR ALTERNATE. PROVIDE ALTERNATE BID FOR 480V-3P, 60A FUSIBLE DISCONNECT. PROVIDE 480V-3P, 60A CONTACTOR FOR ELEVATOR SHUT DOWN PRIOR TO SPRINKLER SYSTEM RELEASE. INTERLOCK CONTACTOR WITH FIRE ALARM SYSTEM AS REQUIRED. ROUTE POWER FOR ELEVATOR THRU CONTACTOR FOR CONTROL. PROVIDE RESET SWITCH IN COVER. PROVIDE 2P-30A, 208V, FUSIBLE DISCONNECT FOR ELEVATOR LIGHTING AND CONTROL. PROVIDE CONNECTIONS TO ELEVATOR EQUIPMENT AS REQUIRED. COORDINATE ALL EQUIPMENT LOCATIONS WITH ELEVATOR SUPPLIER. FUSES PER EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.
11	DISCONNECT SWITCH PROVIDED BY MANUFACTURER.
12	PROVIDE NEMA SIZE 1, FVNR MOTOR CONTROLLER. PROVIDE CONTROL POWER TRANSFORMER, H-O-A SWITCH, ON PILOT LIGHT, 2 NO, 2 NC AUX CONTACT SWITCHES, SOLID STATE OVERLOADS.
13	PROVIDE 120V-1P, 20A TOGGLE SWITCH DISCONNECT SWITCH.



① **LOWER LEVEL PARTIAL OVERALL POWER PLAN**
3/64" = 1'-0"

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Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced JAW

DAVID SHUCK
REGISTERED
No. 19700101
STATE OF INDIANA
PROFESSIONAL ENGINEER

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

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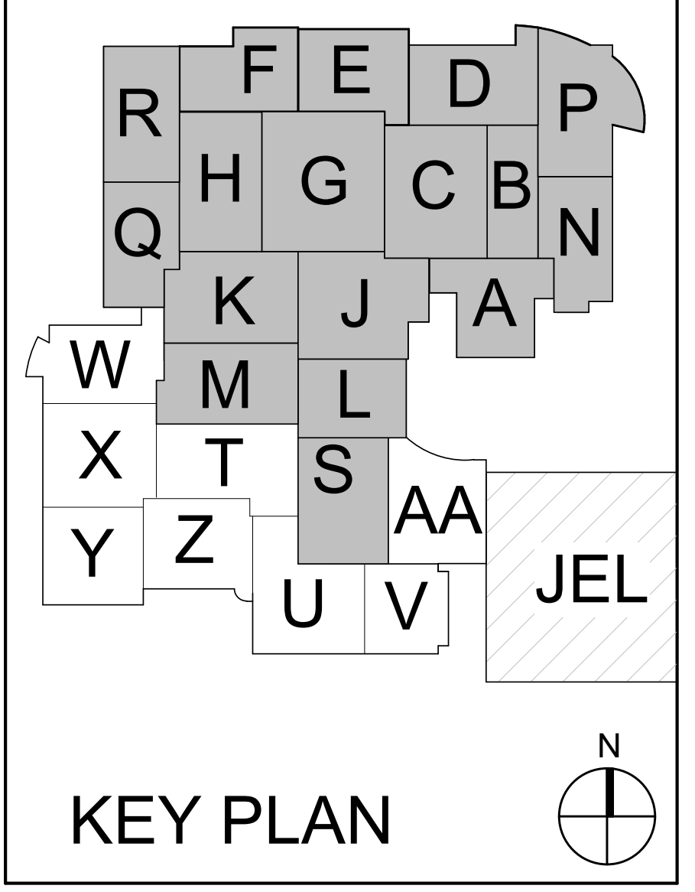

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

LOWER LEVEL POWER PLAN

EP100.3

LOWER LEVEL & ROOF GENERAL NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.
B	DIV 26 TO PROVIDE 120V-1P, 20A EXHAUST FAN MOTOR STARTER DISCONNECT FOR EXHAUST FANS. DIV 23 PROVIDES CONTROL RELAY AND CURRENT TRANSFORMER SWITCH. VERIFY EXACT LOCATION PRIOR TO INSTALLATION. REFER TO SHEET M SERIES SHEETS FOR ADDITIONAL INFORMATION.

LOWER LEVEL & ROOF PLAN NOTES

#	NOTES
1	PROVIDE INFRARED SCAN FOR EQUIPMENT INDICATED. CLEAN ALL DUST OFF EQUIPMENT, EXERCISE AND LUBRICATE ALL FUSIBLE SWITCHES.
2	CONNECT NEW AIR HANDLING UNIT BUILDING AUTOMATION CONTROLLER TO CIRCUIT SERVING EXISTING BUILDING AUTOMATION CONTROLLER COMPLETE. REFER TO M SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
3	CONNECT AIR HANDLING UNIT AND ASSOCIATED VARIABLE FREQUENCY DRIVE COMPLETE TO CIRCUIT INDICATED. VARIABLE FREQUENCY DRIVE PROVIDED BY DIV 23 AND INSTALLED BY DIV 26. REFER TO M SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
4	CONNECT NEW CIRCULATION PUMP COMPLETE TO CIRCUIT INDICATED. REFER TO M SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
5	CONNECT NEW CIRCULATION PUMP TO EXISTING CIRCUIT MAINTAINED DURING DEMOLITION. REFER TO M SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
6	DISCONNECT EXISTING AIR HANDLING UNIT MOTOR CONTROL AND CONNECT NEW VARIABLE FREQUENCY DRIVE TO EXISTING CIRCUIT MAINTAINED DURING DEMOLITION. VARIABLE FREQUENCY DRIVE PROVIDED BY DIV 23 AND INSTALLED BY DIV 26. REFER TO M SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
7	DISCONNECT EXISTING AIR HANDLING UNIT MOTOR AND CONNECT NEW MOTOR COMPLETE. REFER TO M SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
8	PROVIDE 208V-1P, 30A, NEMA 3R, FUSIBLE DISCONNECT SWITCH FUSED PER UNIT MANUFACTURERS RECOMMENDATIONS. PROVIDE ADDITIONAL SUPPORT STRUCTURE AS REQUIRED.
9	REFER TO FIRST FLOOR KITCHEN PLANS FOR ADDITIONAL INFORMATION.
10	K HALL ELEVATOR ALTERNATE. PROVIDE ALTERNATE BID FOR 480V-3P, 60A FUSIBLE DISCONNECT. PROVIDE 480V-3P, 60A CONTACTOR FOR ELEVATOR SHUT DOWN PRIOR TO SPRINKLER SYSTEM RELEASE. INTERLOCK CONTACTOR WITH FIRE ALARM SYSTEM AS REQUIRED. ROUTE POWER FOR ELEVATOR THRU CONTACTOR FOR CONTROL. PROVIDE RESET SWITCH IN COVER. PROVIDE 2P-30A, 208V, FUSIBLE DISCONNECT FOR ELEVATOR LIGHTING AND CONTROL. PROVIDE CONNECTIONS TO ELEVATOR EQUIPMENT AS REQUIRED. COORDINATE ALL EQUIPMENT LOCATIONS WITH ELEVATOR SUPPLIER. FUSES PER EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.
11	DISCONNECT SWITCH PROVIDED BY MANUFACTURER.
12	PROVIDE NEMA SIZE 1, FVNR MOTOR CONTROLLER. PROVIDE CONTROL POWER TRANSFORMER, H-O-A SWITCH, ON PILOT LIGHT, 2 NO, 2 NC AUX CONTACT SWITCHES, SOLID STATE OVERLOADS.
13	PROVIDE 120V-1P, 20A TOGGLE SWITCH DISCONNECT SWITCH.

2A **OVERALL ROOF POWER PLAN - UNIT K, M, T, W, X**
1/16" = 1'-0"

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Project No. 2019-067.NCH
Project Date 03.03.2023
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Produced JAW

DAVID SHUCK
No. 19700101

#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

1801 East 86th Street
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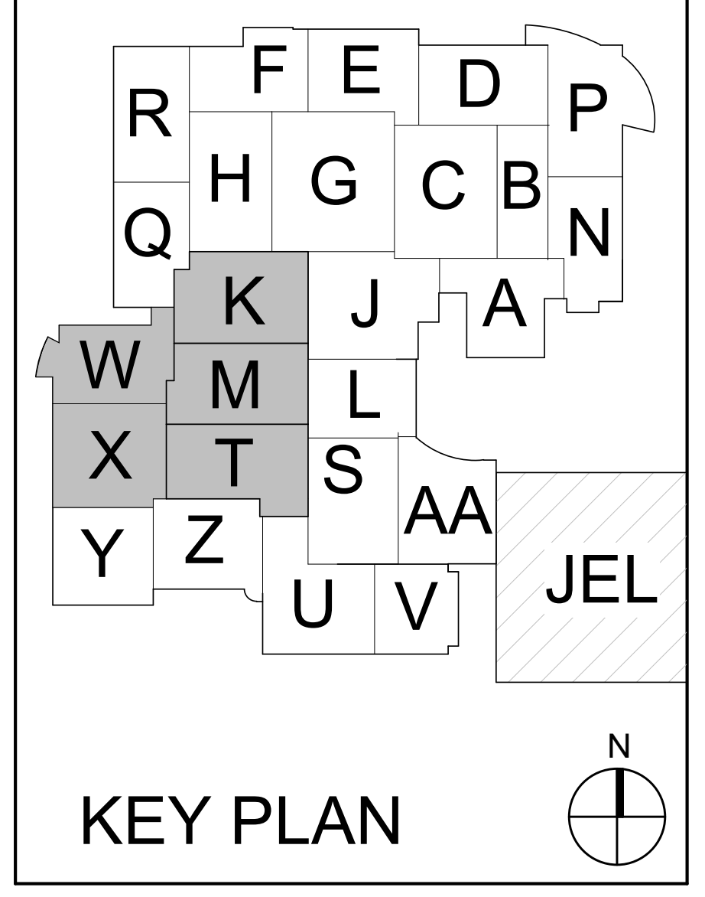

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

ROOF POWER PLAN - UNIT K, M, T, W, X

EP104.3

LOWER LEVEL & ROOF GENERAL NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.
B	DIV 26 TO PROVIDE 120V-1P, 20A EXHAUST FAN MOTOR STARTER DISCONNECT FOR EXHAUST FANS. DIV 23 PROVIDES CONTROL RELAY AND CURRENT TRANSFORMER SWITCH. VERIFY EXACT LOCATION PRIOR TO INSTALLATION. REFER TO SHEET M SERIES SHEETS FOR ADDITIONAL INFORMATION.

LOWER LEVEL & ROOF PLAN NOTES

#	NOTES
1	PROVIDE INFRARED SCAN FOR EQUIPMENT INDICATED. CLEAN ALL DUST OFF EQUIPMENT, EXERCISE AND LUBRICATE ALL FUSIBLE SWITCHES.
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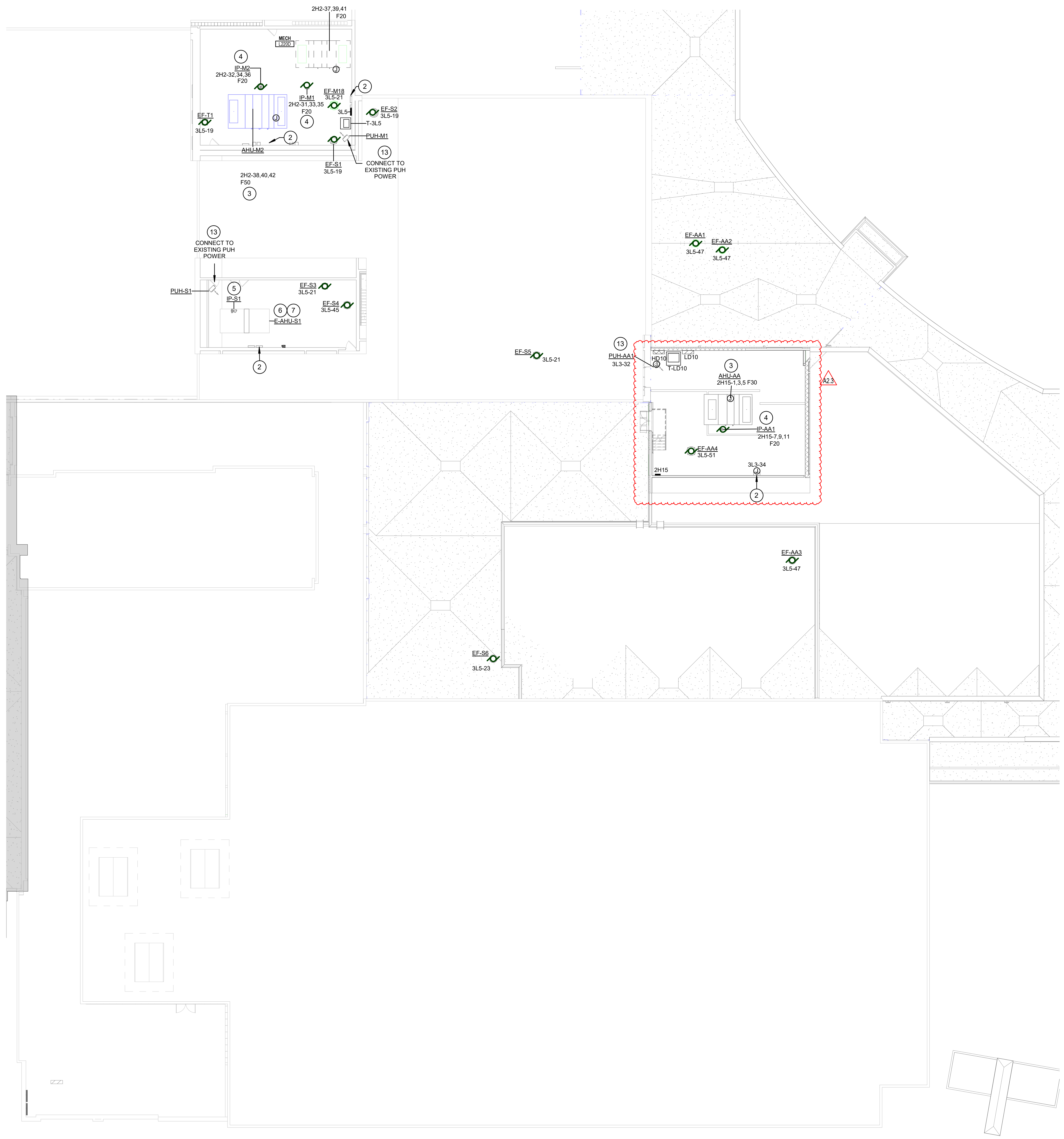

2A **ROOF POWER PLAN - S, U, V, AA, BB**
1/16" = 1'-0"

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#	Revision	Date
A2.3	ADDENDUM 2.3	03.22.2023

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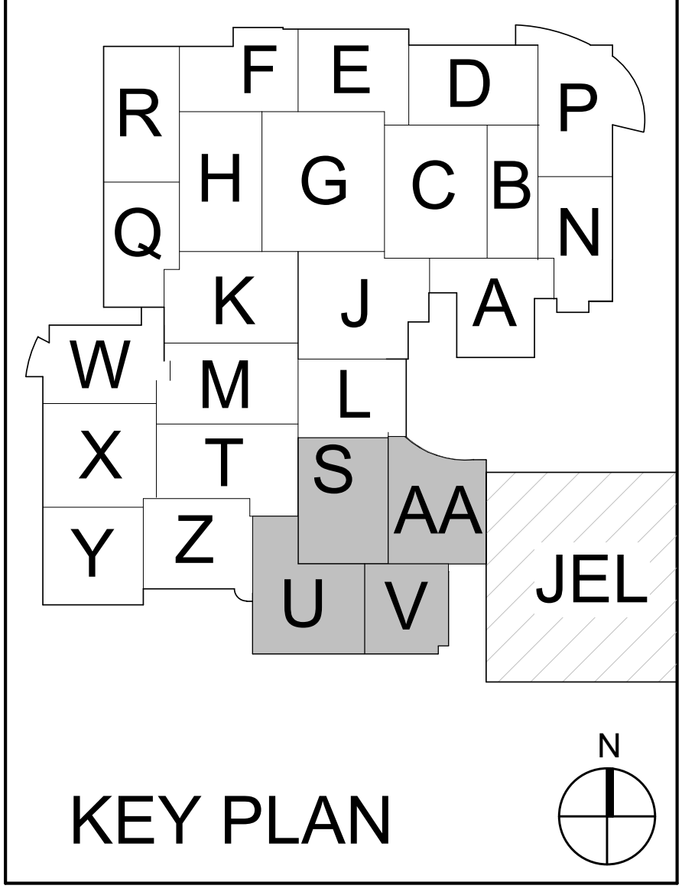


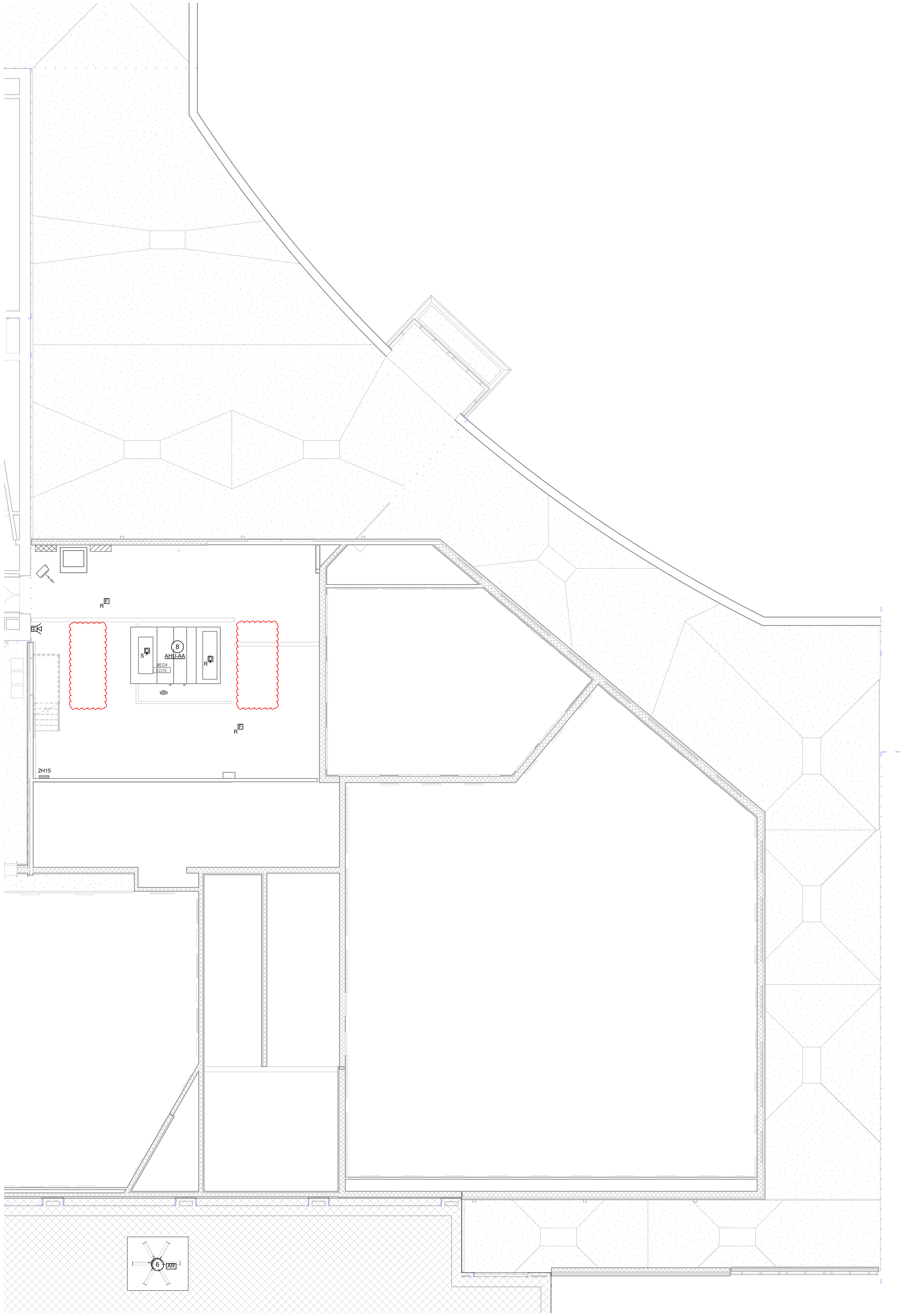
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

ROOF POWER PLAN -
UNIT S, U, V, AA

EP105.3



GENERAL FIRE ALARM NOTES

#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.
B	ELEVATOR FIRE ALARM DEVICES ARE EXISTING TO REMAIN. CONTRACTOR SHALL PROVIDE WHAT IS REQUIRED FOR ELEVATOR RECALL.
C	TAMPER AND FLOW FIRE ALARM DEVICES ARE EXISTING TO REMAIN.
D	DOOR HOLD OPEN FIRE ALARM DEVICES ARE EXISTING TO REMAIN.
E	PROVIDE MODIFICATION TO EXISTING FIRE ALARM SYSTEM INCLUDING BUT NOT LIMITED TO PROGRAMMING, NAC PANELS AND POWER TO NAC PANELS. REFER TO ELECTRICAL SCHEMATICS FOR ADDITIONAL INFORMATION.
F	MOST NEW DEVICES SHOWN TROUGHOUT THE FIRE ALARM PLANS ARE RELOCATED. IT IS THE CONTRACTORS RESPONSIBILITY TO COUNT SALVAGED DEVICES FROM DEMOLITION AND COMPARE TO NEW DEVICES SHOWN ON NEW WORK PLANS FOR ACTUAL COUNT OF DEVICES TO BE PURCHASED.
G	TURN OVER ALL UNUSED FIRE ALARM DEVICES TO OWNER.

FIRE ALARM PLAN NOTES

#	NOTES
1	CONTRACTOR SHALL MAINTAIN ALL EXISTING FIRE ALARM DEVICES IN HATCHED AREA IF SHOWN OR NOT SHOWN. FIRE ALARM DEVICES SHOWN IN THE HATCHED AREA ARE BASED ON EXISTING DRAWINGS AND ALL DEVICES MAY NOT BE SHOWN.
2	EXISTING FIRE ALARM MANUAL PULL SHALL BE LOWERED TO BE ADA COMPLIANT. PROVIDE ROUGH-IN AND CONDUIT AS REQUIRED. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
3	TOUCH SCREEN REMOTE ANNUNCIATOR.
4	PROVIDE FIRE ALARM ADDRESSABLE RELAY / MONITOR MODULE FOR CONNECTION TO KITCHEN EXHAUST HOOD FIRE SUPPRESSION SYSTEM.
5	FIRE ALARM ADDRESSABLE RELAYS FOR CONNECTION TO ACCESS CONTROL PANEL/INTRUSION PANEL AND PA SYSTEM. COORDINATE ALL REQUIRMENTS.
6	FIRE ALARM ADDRESSABLE RELAY. INTERLOCK FAN WITH FIRE ALARM SYSTEM TO SHUT OFF FAN WHEN SYSTEM IS IN ALARM.
7	FIRE ALARM ADDRESSABLE RELAYS FOR CONNECTION TO THEATHER POWER SENSING AND EMERGENCY TRIGGER DEVICE. COORDINATE WITH TE- AND SKE-SERIES DRAWINGS AND SPECIFICATIONS.
8	FIRE ALARM DUCT MOUNTED SMOKE DETECTOR INSTALLED IN SUPPLY AND RETURN DUCTWORK INSIDE THE BUILDING IN LOCATION AS REQUIRED BY MANUFACTURER. PROVIDE FIRE ALARM ADDRESSABLE RELAY INTERLOCKED WITH UNIT TO SHUT DOWN UNIT WHEN IN ALARM. PROVIDE ALL CONTROL WIRING IN CONDUIT AS REQUIRED. CONNECT TO EXISTING FIRE ALARM SYSTEM AS REQUIRED.
9	PROVIDE FIRE ALARM DEVICES IN THIS ROOM WITH ACOUSTICALLY ISOLATED METAL FURRING THAT MAINTAINS ACOUSTICAL ISOLATION BETWEEN THE BACKBOX AND DRYWALL. SEAL EACH LOCATION WITH ACOUSTICAL SEALANT TO PROVIDE RESILENT DECOUPLING BETWEEN THE TWO MATERIALS. REFER TO 'A' SERIES WALL TYPES FOR ADDITIONAL INFORMATION.

① **SECOND FLOOR FIRE ALARM PLAN - UNIT AA**
1/8" = 1'-0"

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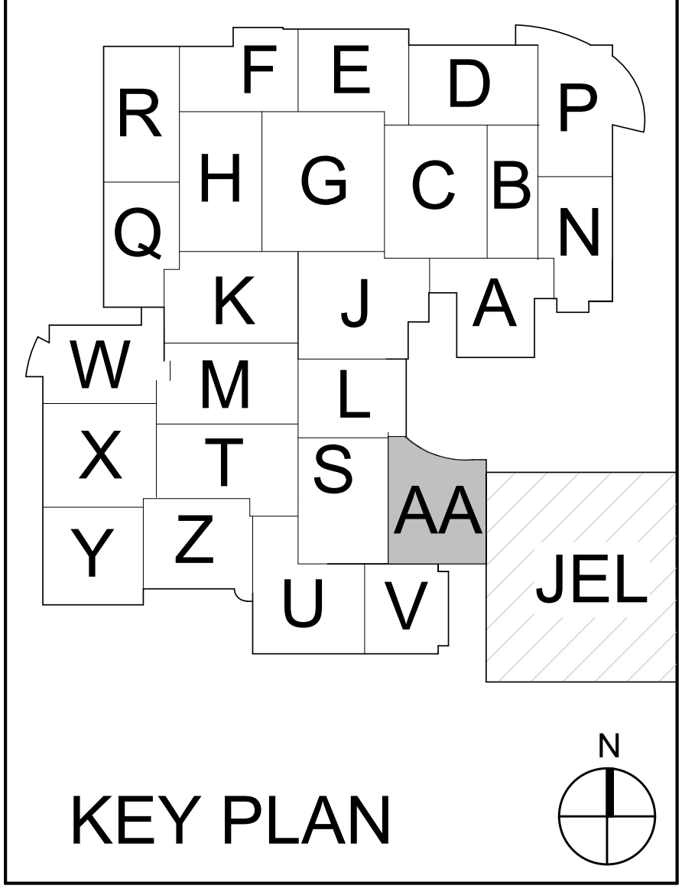

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR FIRE ALARM PLAN - UNIT AA

EF1AA2.3

EF1AA2.3_ SECOND FLOOR FIRE ALARM PLAN - UNIT AA
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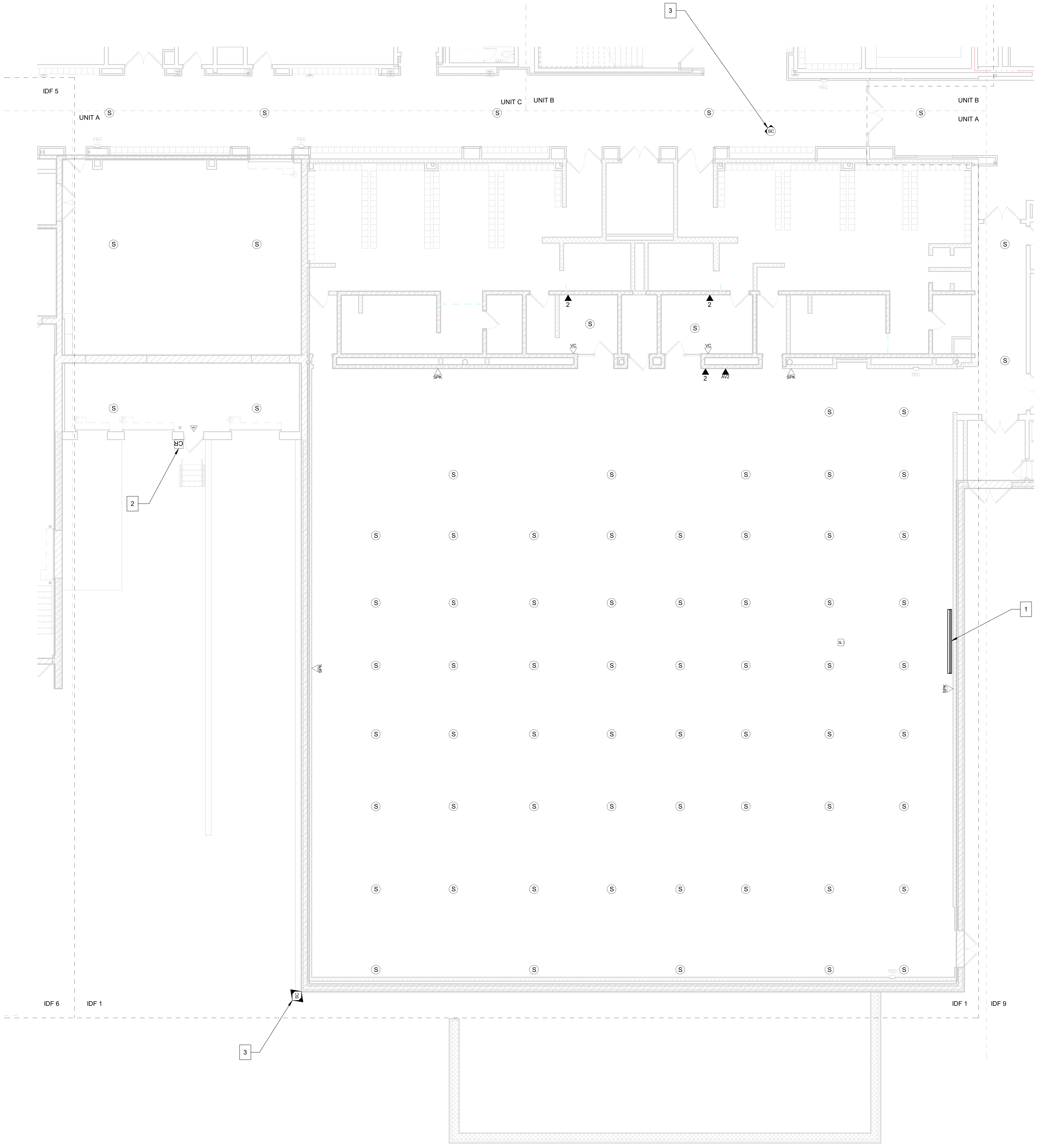

FIRST FLOOR DEMOLITION PLAN - UNIT A
① 1/8" = 1'-0"

GENERAL DEMO NOTES

- A CONTRACTOR SHALL DEMOLISH ALL EXISTING CABLING OUTLETS WITHIN THE CONSTRUCTION AREA. OUTLETS WITHIN AREAS THAT ARE TO REMAIN OCCUPIED SHALL BE PROTECTED IN PLACE UNTIL THE OUTLETS ARE NO LONGER REQUIRED.
- B DEMOLITION SHALL REQUIRE CABLING BE REMOVED IN IN ENTIRETY FROM THE WORK AREA OUTLET BACK TO THE POINT OF TERMINATION IN THE DESIGNATED TELECOM ROOM.
- C ALL DEMOLITION SHALL BE COMPLETED ACCORDING TO THE DIVISION 27 SPECIFICATIONS.
- D ALL EXISTING ALARM AND SECURITY SYSTEM COMPONENTS SERVING AREAS OCCUPIED DURING CONSTRUCTION SHALL REMAIN FULLY OPERATIONAL UNTIL AREA IS READY TO BEGIN DEMOLITION SCOPE. IN THE EVENT THAT CONSTRUCTION ACTIVITIES RESULT IN THE NEED TO SHUT DOWN ANY SECURITY SYSTEM OR COMPONENTS THEREOF, THE CONTRACTOR SHALL PROVIDE A MINIMUM 48 HOUR NOTICE TO THE OWNER SO THAT PROPER MEASURES MAY BE TAKEN
- E EXISTING SECURITY SYSTEM COMPONENTS REMOVED DURING DEMOLITION, WHETHER EXPLICITLY SHOWN ON THE DEMOLITION SHEETS OR REMOVED DUE TO CONSTRUCTION ACTIVITIES, SHALL BE REMOVED SUCH THAT THE COMPONENT MAY BE RE-USED IF NEEDED AND TURNED OVER TO THE OWNER FOR STORAGE.
- F EXISTING AUDIO-VISUAL EQUIPMENT, WHETHER EXPLICTLY SHOWN ON THE DEMOLITION SHEETS OR AFFECTED BY CONSTRUCTION ACTIVITES SHALL BE REMOVED SUCH THAT THE COMPONENT MAY BE RE-USED IF NEEDED AND TURNED OVER TO THE OWNER FOR STORAGE.
- G EXISTING TELECOM EQUIPMENT, WHETHER EXPLICTLY SHOWN ON THE DEMOLITION SHEETS OR AFFECTED BY CONSTRUCTION ACTIVITES SHALL BE REMOVED SUCH THAT THE COMPONENT MAY BE RE-USED IF NEEDED AND TURNED OVER TO THE OWNER FOR STORAGE.
- H EXISTING MDF LOCATION TO REMAIN THROUGHOUT CONSTRUCTION. CONTRACTOR TO PROTECT ROOM, EQUIPMENT, AND CABLING DURING CONSTRUCTION.

DEMOLITION TELECOM LEGEND

# ▼	DATA LOCATION (# REPRESENTS AMOUNT OF DATA PRESENT)
# SR ▽	SURFACE RACEWAY DATA LOCATION (# REPRESENTS AMOUNT OF DATA PRESENT)
ETS ▼	EXISTING TEACHER STATION LOCATION
AV1 ▼	AV INPUT - TYPE 1
AV2 ▼	AV INPUT - TYPE 2
CTL ▼	AV CONTROL LOCATION
CATV ▼	CABLE TELEVISION LOCATION
FB	FLOORBOX LOCATION
AV	AV FLOOR BOX LOCATION
DS ▼	DIGITAL SIGNAGE LOCATION
MON ▽	MONITOR LOCATION
P	PROJECTOR LOCATION
STP	SHORT THROW PROJECTOR LOCATION
AB	PROMETHEAN ACTIVBOARD LOCATION
AP	WIRELESS ACCESS POINT - CEILING MOUNTED
AP ▽	WIRELESS ACCESS POINT - WALL MOUNTED
Ⓒ	CLOCK LOCATION
IR	IR MICROPHONE LOCATION
MIC ▽	MICROPHONE INPUT LOCATION
Ⓜ	CEILING MICROPHONE LOCATION
VC ▽	VOLUME CONTROL LOCATION
CS ▽	CALL SWITCH LOCATION
Ⓢ	PAGING SPEAKER LOCATION
S	CLASSROOM SPEAKER LOCATION
SPK ▽	WALL MOUNTED SPEAKER LOCATION
A/V RACK	AV EQUIPMENT RACK LOCATION
KP	INTRUSION DETECTION KEYPAD LOCATION
CR	CARD READER LOCATION
CR ▽	MULLION MOUNTED CARD READER LOCATION
SC	SECURITY CAMERA - CEILING MOUNTED
SC	SECURITY CAMERA - WALL MOUNTED
MS ▽	MOTION SENSOR LOCATION
WS	WATER PRESENCE SENSOR LOCATION
PB	PANIC BUTTON LOCATION
DR	DOOR RELEASE BUTTON LOCATION

SHEET NOTES

1. EXISTING CEILING PROJECTION SCREEN SHALL BE REMOVED AND TURNED OVER TO OWNER.
2. EXISTING CARD READER, DOOR POSITION SENSOR AND REX MOTION SENSOR TO REMAIN. RECABLE TO NEW CONTROLLER LOCATION.
3. EXISTING SECURITY CAMERA TO REMAIN IN CURRENT LOCATION. EXISTING CABLING, CONNECTORS AND CONNECTIVITY ACCESSORIES TO BE REMOVED ENTIRELY AND REPLACED WITH NEW CATEGORY 6A CABLING.

1

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REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Matthew Connolly
BICSI ID # 212593
EXPIRES 12-31-24
RCDD

#	Revision	Date
A2.3	Addendum 2.3	03/22/2023

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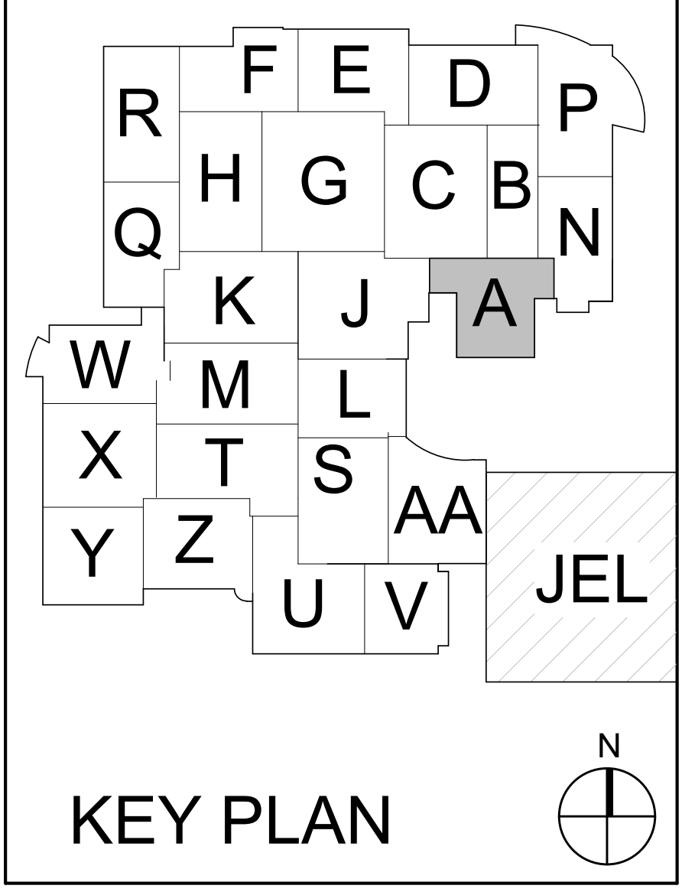


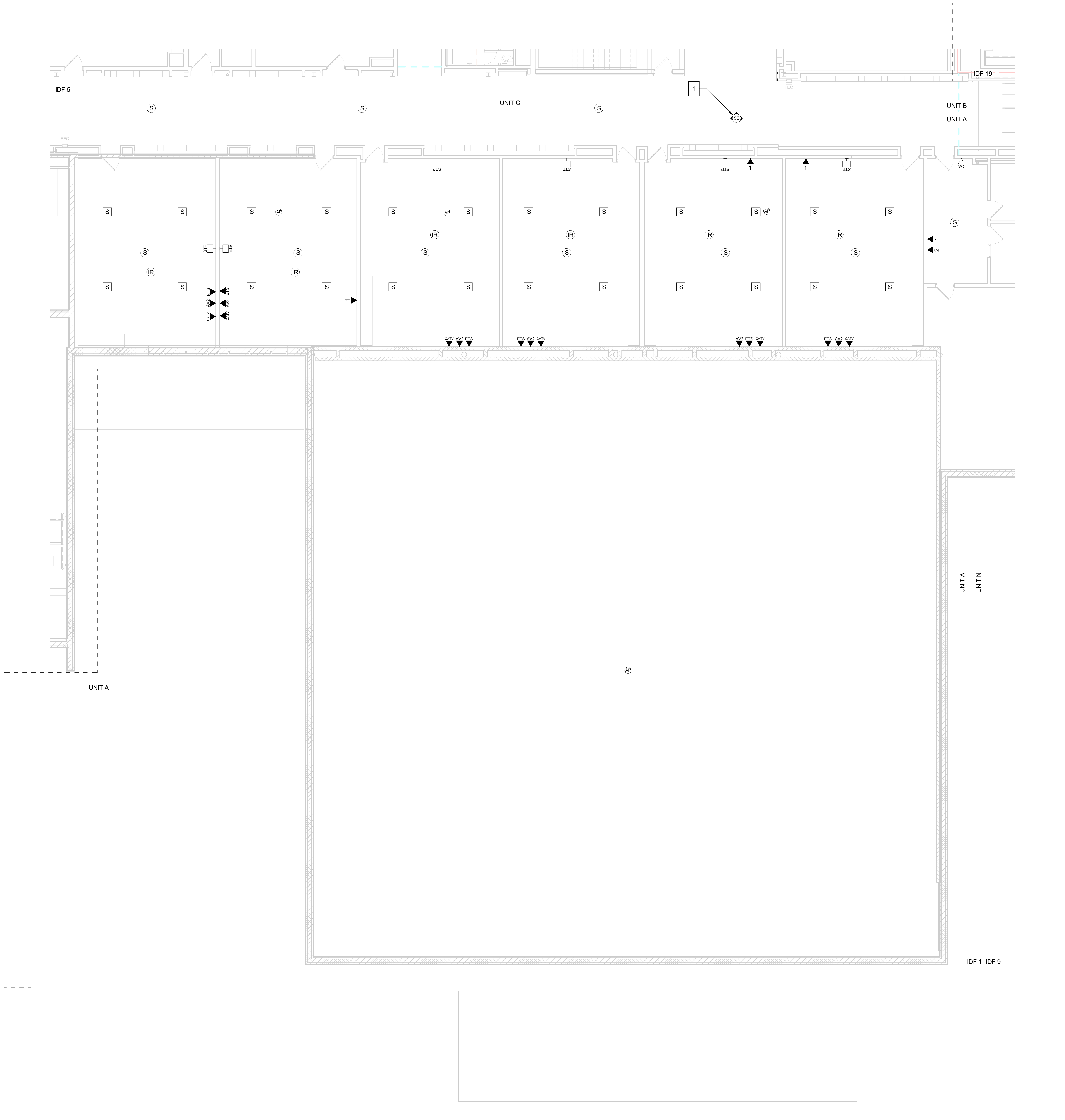
KEY PLAN

M.S.D. of Washington Township

North Central High School Renovation - Additions Phase 3

FIRST FLOOR DEMOLITION PLAN - UNIT A

TD1A1.3



① SECOND FLOOR DEMOLITION PLAN - UNIT A
1/8" = 1'-0"

GENERAL DEMO NOTES

A CONTRACTOR SHALL DEMOLISH ALL EXISTING CABLING OUTLETS WITHIN THE CONSTRUCTION AREA. OUTLETS WITHIN AREAS THAT ARE TO REMAIN OCCUPIED SHALL BE PROTECTED IN PLACE UNTIL THE OUTLETS ARE NO LONGER REQUIRED.

B DEMOLITION SHALL REQUIRE CABLING BE REMOVED IN IN ENTIRETY FROM THE WORK AREA OUTLET BACK TO THE POINT OF TERMINATION IN THE DESIGNATED TELECOM ROOM.

C ALL DEMOLITION SHALL BE COMPLETED ACCORDING TO THE DIVISION 27 SPECIFICATIONS.

D ALL EXISTING ALARM AND SECURITY SYSTEM COMPONENTS SERVING AREAS OCCUPIED DURING CONSTRUCTION SHALL REMAIN FULLY OPERATIONAL UNTIL AREA IS READY TO BEGIN DEMOLITION SCOPE. IN THE EVENT THAT CONSTRUCTION ACTIVITIES RESULT IN THE NEED TO SHUT DOWN ANY SECURITY SYSTEM OR COMPONENTS THEREOF, THE CONTRACTOR SHALL PROVIDE A MINIMUM 48 HOUR NOTICE TO THE OWNER SO THAT PROPER MEASURES MAY BE TAKEN

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F EXISTING AUDIO-VISUAL EQUIPMENT, WHETHER EXPLICTLY SHOWN ON THE DEMOLITION SHEETS OR AFFECTED BY CONSTRUCTION ACTIVITES SHALL BE REMOVED SUCH THAT THE COMPONENT MAY BE RE-USED IF NEEDED AND TURNED OVER TO THE OWNER FOR STORAGE.

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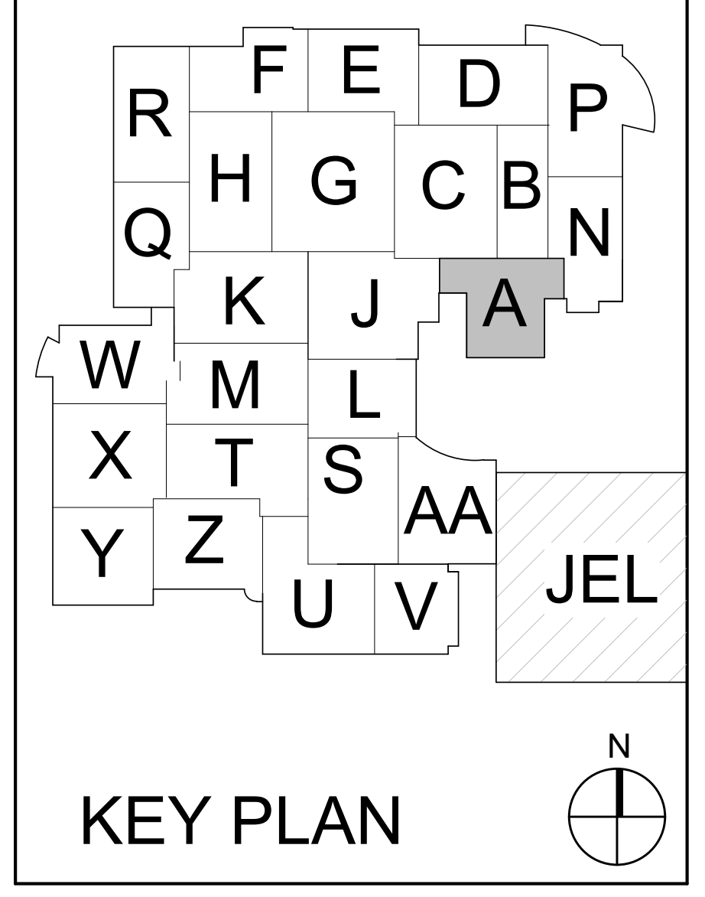

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR DEMOLITION PLAN - UNIT A

TD1A2.3

TD1A2.3_ SECOND FLOOR DEMOLITION PLAN - UNIT A
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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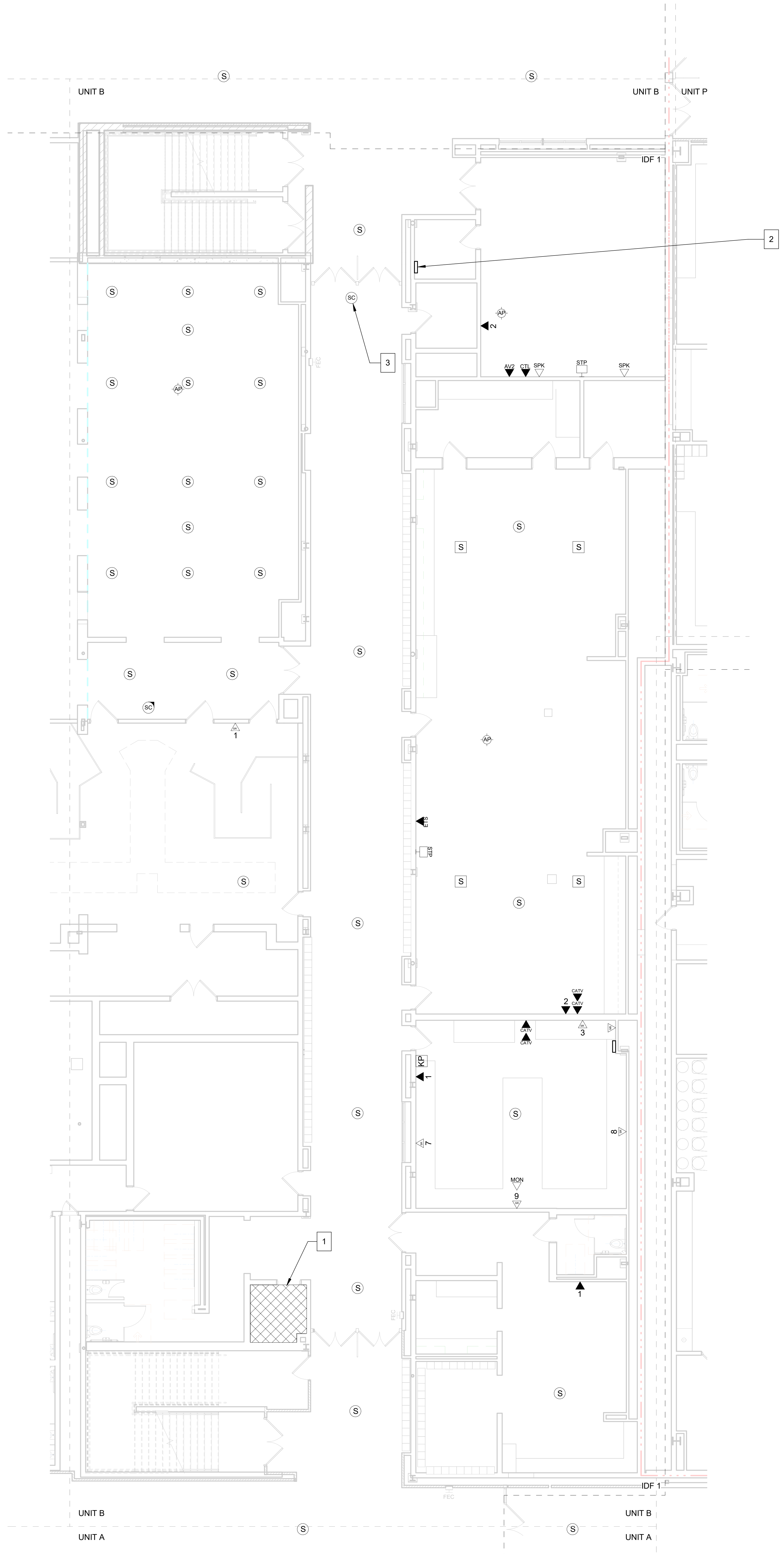

FIRST FLOOR DEMOLITION PLAN - UNIT B
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FB	FLOORBOX LOCATION
AV	AV FLOOR BOX LOCATION
DS ▼	DIGITAL SIGNAGE LOCATION
MON ▽	MONITOR LOCATION
P	PROJECTOR LOCATION
STP	SHORT THROW PROJECTOR LOCATION
AB	PROMETHEAN ACTIVBOARD LOCATION
AP	WIRELESS ACCESS POINT - CEILING MOUNTED
AP ▽	WIRELESS ACCESS POINT - WALL MOUNTED
C	CLOCK LOCATION
IR	IR MICROPHONE LOCATION
MIC ▽	MICROPHONE INPUT LOCATION
M	CEILING MICROPHONE LOCATION
VC ▽	VOLUME CONTROL LOCATION
CS ▽	CALL SWITCH LOCATION
Ⓢ	PAGING SPEAKER LOCATION
S	CLASSROOM SPEAKER LOCATION
SPK ▽	WALL MOUNTED SPEAKER LOCATION
A/V RACK	AV EQUIPMENT RACK LOCATION
KP	INTRUSION DETECTION KEYPAD LOCATION
CR	CARD READER LOCATION
CR ▽	MULLION MOUNTED CARD READER LOCATION
SC	SECURITY CAMERA - CEILING MOUNTED
SC	SECURITY CAMERA - WALL MOUNTED
MS ▽	MOTION SENSOR LOCATION
WS	WATER PRESENCE SENSOR LOCATION
PB	PANIC BUTTON LOCATION
DR	DOOR RELEASE BUTTON LOCATION

SHEET NOTES

1. EXISTING IDF 1 LOCATION. TO BE COMBINED WITH IDF 9 AND RELOCATED AS REQUIRED. REFER TO T100 SERIES FOR NEW LOCATION.
2. SECURITY EQUIPMENT TO BE REMOVED IN ITS ENTIRETY.
3. EXISTING SECURITY CAMERA TO BE CAREFULLY REMOVED AND PLACED INTO INVENTORY FOR REINSTALLATION IN NEW LOCATION. ALL CABLING, CONNECTORS AND CONNECTIVITY ACCESSORIES TO BE REMOVED ENTIRELY.

△1

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Bid Set 03
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Matthew Connolly
BICSI ID # 212593
EXPIRES 12-31-24
RCDD

#	Revision	Date
A2.3	Addendum 2.3	03/22/2023

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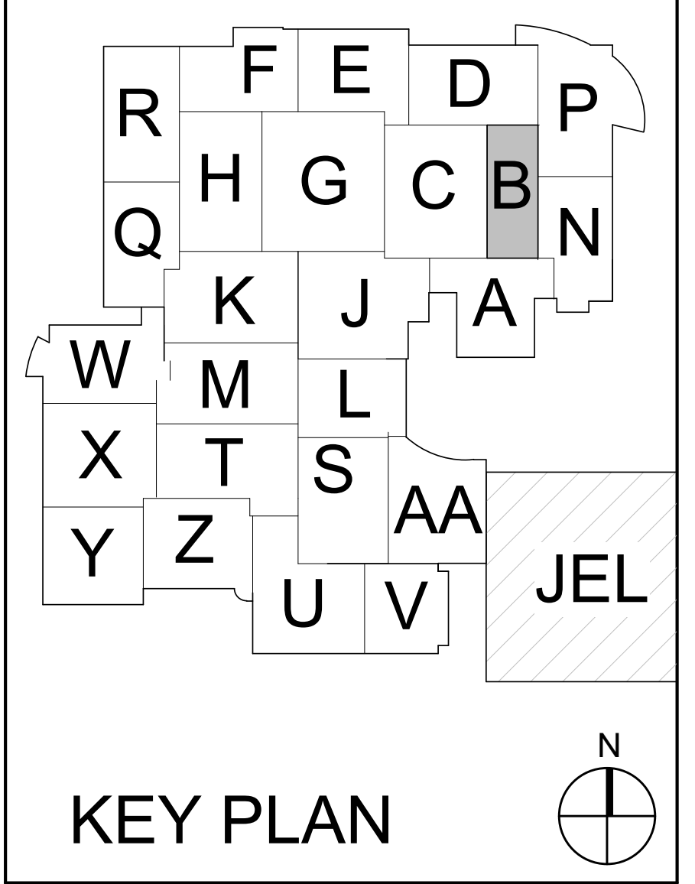

KEY PLAN

M.S.D. of Washington Township

North Central High School Renovation - Additions Phase 3

FIRST FLOOR DEMOLITION PLAN - UNIT B

TD1B1.3

TD1B1.3_ FIRST FLOOR DEMOLITION PLAN - UNIT B
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
Autodesk Docs://2020-26 Schmidt - MSDWT North Central Reno/2019-067.NCH_Sector1_T_2022_Central.rvt
3/22/2023 12:09:31 PM

① FIRST FLOOR DEMOLITION PLAN - UNIT C
1/8" = 1'-0"

GENERAL DEMO NOTES

A CONTRACTOR SHALL DEMOLISH ALL EXISTING CABLING OUTLETS WITHIN THE CONSTRUCTION AREA. OUTLETS WITHIN AREAS THAT ARE TO REMAIN OCCUPIED SHALL BE PROTECTED IN PLACE UNTIL THE OUTLETS ARE NO LONGER REQUIRED.

B DEMOLITION SHALL REQUIRE CABLING BE REMOVED IN IN ENTIRETY FROM THE WORK AREA OUTLET BACK TO THE POINT OF TERMINATION IN THE DESIGNATED TELECOM ROOM.

C ALL DEMOLITION SHALL BE COMPLETED ACCORDING TO THE DIVISION 27 SPECIFICATIONS.

D ALL EXISTING ALARM AND SECURITY SYSTEM COMPONENTS SERVING AREAS OCCUPIED DURING CONSTRUCTION SHALL REMAIN FULLY OPERATIONAL UNTIL AREA IS READY TO BEGIN DEMOLITION SCOPE. IN THE EVENT THAT CONSTRUCTION ACTIVITIES RESULT IN THE NEED TO SHUT DOWN ANY SECURITY SYSTEM OR COMPONENTS THEREOF, THE CONTRACTOR SHALL PROVIDE A MINIMUM 48 HOUR NOTICE TO THE OWNER SO THAT PROPER MEASURES MAY BE TAKEN

E EXISTING SECURITY SYSTEM COMPONENTS REMOVED DURING DEMOLITION, WHETHER EXPLICITLY SHOWN ON THE DEMOLITION SHEETS OR REMOVED DUE TO CONSTRUCTION ACTIVITIES, SHALL BE REMOVED SUCH THAT THE COMPONENT MAY BE RE-USED IF NEEDED AND TURNED OVER TO THE OWNER FOR STORAGE.

F EXISTING AUDIO-VISUAL EQUIPMENT, WHETHER EXPLICTLY SHOWN ON THE DEMOLITION SHEETS OR AFFECTED BY CONSTRUCTION ACTIVITES SHALL BE REMOVED SUCH THAT THE COMPONENT MAY BE RE-USED IF NEEDED AND TURNED OVER TO THE OWNER FOR STORAGE.

G EXISTING TELECOM EQUIPMENT, WHETHER EXPLICTLY SHOWN ON THE DEMOLITION SHEETS OR AFFECTED BY CONSTRUCTION ACTIVITES SHALL BE REMOVED SUCH THAT THE COMPONENT MAY BE RE-USED IF NEEDED AND TURNED OVER TO THE OWNER FOR STORAGE.

H EXISTING MDF LOCATION TO REMAIN THROUGHOUT CONSTRUCTION. CONTRACTOR TO PROTECT ROOM, EQUIPMENT, AND CABLING DURING CONSTRUCTION.

DEMOLITION TELECOM LEGEND

# ▼	DATA LOCATION (# REPRESENTS AMOUNT OF DATA PRESENT)
# SR ▽	SURFACE RACEWAY DATA LOCATION (# REPRESENTS AMOUNT OF DATA PRESENT)
ETS ▼	EXISTING TEACHER STATION LOCATION
AV1 ▼	AV INPUT - TYPE 1
AV2 ▼	AV INPUT - TYPE 2
CTL ▼	AV CONTROL LOCATION
CATV ▼	CABLE TELEVISION LOCATION
FB	FLOORBOX LOCATION
AV	AV FLOOR BOX LOCATION
DS	DIGITAL SIGNAGE LOCATION
MON ▽	MONITOR LOCATION
P	PROJECTOR LOCATION
STP	SHORT THROW PROJECTOR LOCATION
AB	PROMETHEAN ACTIVBOARD LOCATION
AP	WIRELESS ACCESS POINT - CEILING MOUNTED
AP ▽	WIRELESS ACCESS POINT - WALL MOUNTED
Ⓒ	CLOCK LOCATION
IR	IR MICROPHONE LOCATION
MIC ▽	MICROPHONE INPUT LOCATION
Ⓜ	CEILING MICROPHONE LOCATION
VC ▽	VOLUME CONTROL LOCATION
CS ▽	CALL SWITCH LOCATION
Ⓢ	PAGING SPEAKER LOCATION
S	CLASSROOM SPEAKER LOCATION
SPK ▽	WALL MOUNTED SPEAKER LOCATION
A/V RACK	AV EQUIPMENT RACK LOCATION
KP	INTRUSION DETECTION KEYPAD LOCATION
CR	CARD READER LOCATION
CR ▽	MULLION MOUNTED CARD READER LOCATION
SC	SECURITY CAMERA - CEILING MOUNTED
SC	SECURITY CAMERA - WALL MOUNTED
MS ▽	MOTION SENSOR LOCATION
WS	WATER PRESENCE SENSOR LOCATION
PB	PANIC BUTTON LOCATION
DR	DOOR RELEASE BUTTON LOCATION

SHEET NOTES

1. EXISTING TIME CLOCK LOCATION SHALL REMAIN OPERATIONAL THROUGHOUT CONSTRUCTION. PROVIDE NEW DATA CABLING AS REQUIRED.
2. EXISTING SECURITY CAMERA TO REMAIN IN CURRENT LOCATION. EXISTING CABLING, CONNECTORS AND CONNECTIVITY ACCESSORIES TO BE REMOVED ENTIRELY AND REPLACED WITH NEW CATEGORY 6A CABLING.
3. EXISTING SECURITY CAMERA TO BE CAREFULLY REMOVED AND PLACED INTO INVENTORY FOR REINSTALLATION IN NEW LOCATION. ALL CABLING, CONNECTORS AND CONNECTIVITY ACCESSORIES TO BE REMOVED ENTIRELY.

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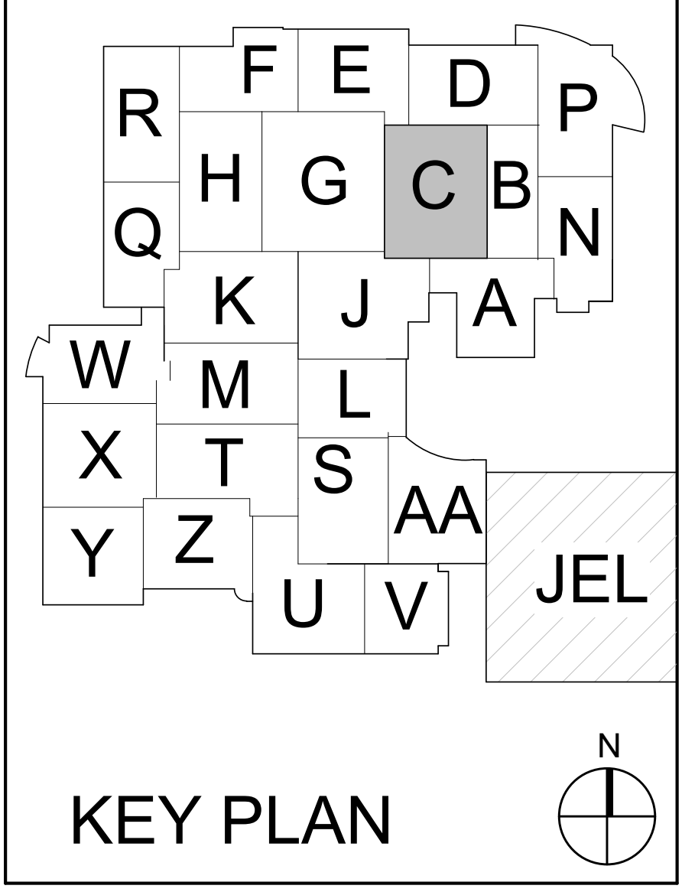

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR DEMOLITION PLAN - UNIT C

TD1C1.3

TD1C1.3_ FIRST FLOOR DEMOLITION PLAN - UNIT C
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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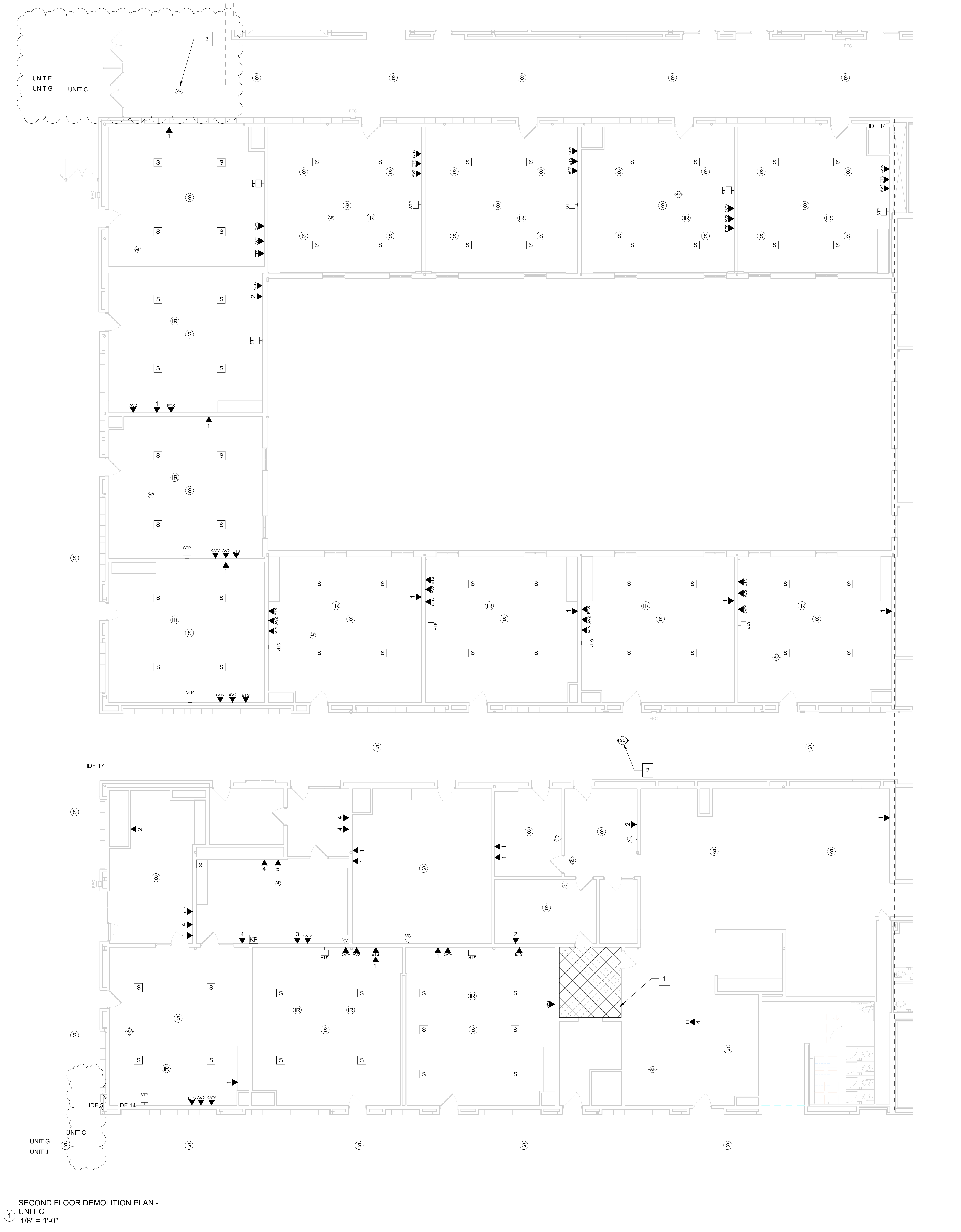

① SECOND FLOOR DEMOLITION PLAN - UNIT C
1/8" = 1'-0"

GENERAL DEMO NOTES

- A CONTRACTOR SHALL DEMOLISH ALL EXISTING CABLING OUTLETS WITHIN THE CONSTRUCTION AREA. OUTLETS WITHIN AREAS THAT ARE TO REMAIN OCCUPIED SHALL BE PROTECTED IN PLACE UNTIL THE OUTLETS ARE NO LONGER REQUIRED.
- B DEMOLITION SHALL REQUIRE CABLING BE REMOVED IN IN ENTIRETY FROM THE WORK AREA OUTLET BACK TO THE POINT OF TERMINATION IN THE DESIGNATED TELECOM ROOM.
- C ALL DEMOLITION SHALL BE COMPLETED ACCORDING TO THE DIVISION 27 SPECIFICATIONS.
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DEMOLITION TELECOM LEGEND

# ▼	DATA LOCATION (# REPRESENTS AMOUNT OF DATA PRESENT)
# ▽ SR	SURFACE RACEWAY DATA LOCATION (# REPRESENTS AMOUNT OF DATA PRESENT)
ETS ▼	EXISTING TEACHER STATION LOCATION
AV1 ▼	AV INPUT - TYPE 1
AV2 ▼	AV INPUT - TYPE 2
CTL ▼	AV CONTROL LOCATION
CATV ▼	CABLE TELEVISION LOCATION
FB	FLOORBOX LOCATION
AV	AV FLOOR BOX LOCATION
DS ▽	DIGITAL SIGNAGE LOCATION
MON ▽	MONITOR LOCATION
P	PROJECTOR LOCATION
STP	SHORT THROW PROJECTOR LOCATION
AB	PROMETHEAN ACTIVBOARD LOCATION
AP	WIRELESS ACCESS POINT - CEILING MOUNTED
AP ▽	WIRELESS ACCESS POINT - WALL MOUNTED
Ⓒ	CLOCK LOCATION
IR	IR MICROPHONE LOCATION
MIC ▽	MICROPHONE INPUT LOCATION
Ⓜ	CEILING MICROPHONE LOCATION
VC ▽	VOLUME CONTROL LOCATION
CS ▽	CALL SWITCH LOCATION
Ⓢ	PAGING SPEAKER LOCATION
S	CLASSROOM SPEAKER LOCATION
SPK ▽	WALL MOUNTED SPEAKER LOCATION
A/V RACK	AV EQUIPMENT RACK LOCATION
KP	INTRUSION DETECTION KEYPAD LOCATION
CR	CARD READER LOCATION
CR ▽	MULLION MOUNTED CARD READER LOCATION
SC	SECURITY CAMERA - CEILING MOUNTED
SC	SECURITY CAMERA - WALL MOUNTED
▽ MS	MOTION SENSOR LOCATION
WS	WATER PRESENCE SENSOR LOCATION
PB	PANIC BUTTON LOCATION
DR	DOOR RELEASE BUTTON LOCATION

SHEET NOTES

1. EXISTING IDF 14 LOCATION. TO BE RELOCATED AS REQUIRED AND COMBINED WITH IDF 13. REFER TO T100 SERIES FOR NEW LOCATION.
2. EXISTING SECURITY CAMERA TO REMAIN IN CURRENT LOCATION. EXISTING CABLING, CONNECTORS AND CONNECTIVITY ACCESSORIES TO BE REMOVED ENTIRELY AND REPLACED WITH NEW CATEGORY 6A CABLING.
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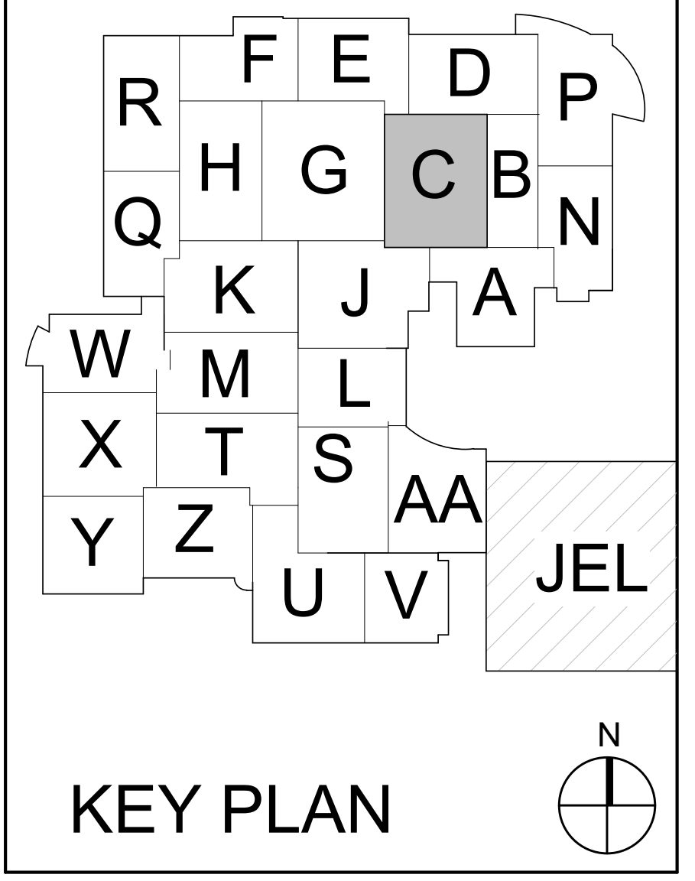

KEY PLAN

M.S.D. of Washington Township

North Central High School Renovation - Additions Phase 3

SECOND FLOOR DEMOLITION PLAN - UNIT C

TD1C2.3

FIRST FLOOR DEMOLITION PLAN - UNIT D
① 1/8" = 1'-0"

GENERAL DEMO NOTES

A CONTRACTOR SHALL DEMOLISH ALL EXISTING CABLING OUTLETS WITHIN THE CONSTRUCTION AREA. OUTLETS WITHIN AREAS THAT ARE TO REMAIN OCCUPIED SHALL BE PROTECTED IN PLACE UNTIL THE OUTLETS ARE NO LONGER REQUIRED.

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DEMOLITION TELECOM LEGEND

# ▼	DATA LOCATION (# REPRESENTS AMOUNT OF DATA PRESENT)
# ▽ SR	SURFACE RACEWAY DATA LOCATION (# REPRESENTS AMOUNT OF DATA PRESENT)
ETS ▼	EXISTING TEACHER STATION LOCATION
AV1 ▼	AV INPUT - TYPE 1
AV2 ▼	AV INPUT - TYPE 2
CTL ▼	AV CONTROL LOCATION
CATV ▼	CABLE TELEVISION LOCATION
FB	FLOORBOX LOCATION
AV	AV FLOOR BOX LOCATION
DS ▼	DIGITAL SIGNAGE LOCATION
MON ▽	MONITOR LOCATION
P	PROJECTOR LOCATION
STP	SHORT THROW PROJECTOR LOCATION
AB	PROMETHEAN ACTIVBOARD LOCATION
AP	WIRELESS ACCESS POINT - CEILING MOUNTED
AP ▽	WIRELESS ACCESS POINT - WALL MOUNTED
Ⓒ	CLOCK LOCATION
IR	IR MICROPHONE LOCATION
MIC ▽	MICROPHONE INPUT LOCATION
Ⓜ	CEILING MICROPHONE LOCATION
VC ▽	VOLUME CONTROL LOCATION
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CR	CARD READER LOCATION
CR ▽	MULLION MOUNTED CARD READER LOCATION
SC	SECURITY CAMERA - CEILING MOUNTED
SC	SECURITY CAMERA - WALL MOUNTED
MS ▽	MOTION SENSOR LOCATION
WS	WATER PRESENCE SENSOR LOCATION
PB	PANIC BUTTON LOCATION
DR	DOOR RELEASE BUTTON LOCATION

SHEET NOTES

1. SECURITY PANEL, ENCLOSURE, CABLING AND ALL CONNECTED DEVICES SHALL BE REMOVED ENTIRELY.
2. EXISTING IDF 2 LOCATION. TO BE RELOCATED AS REQUIRED. REFER TO T100 SERIES FOR NEW LOCATION.
3. EXISTING OSP FIBER ENTRANCE LOCATION IN THIS AREA TO MDF TO REMAIN.
4. EXISTING SECURITY CAMERA TO REMAIN IN CURRENT LOCATION. EXISTING CABLING, CONNECTORS AND CONNECTIVITY ACCESSORIES TO BE REMOVED ENTIRELY AND REPLACED WITH NEW CATEGORY 6A CABLING.
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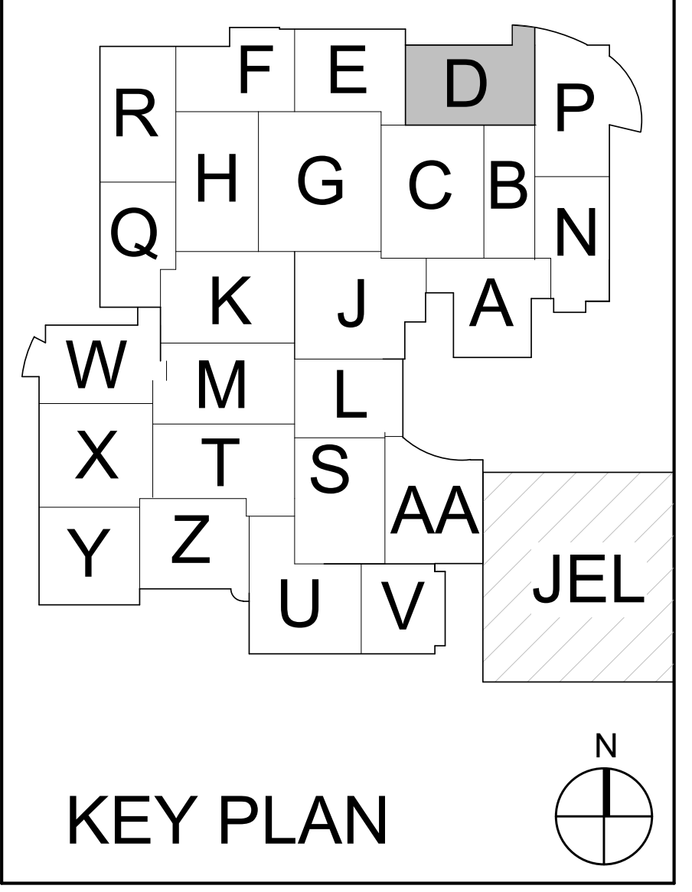

KEY PLAN

M.S.D. of Washington Township

North Central High School Renovation - Additions Phase 3

FIRST FLOOR DEMOLITION PLAN - UNIT D

TD1D1.3

SECOND FLOOR DEMOLITION PLAN - UNIT D
1/8" = 1'-0"

GENERAL DEMO NOTES

- A CONTRACTOR SHALL DEMOLISH ALL EXISTING CABLING OUTLETS WITHIN THE CONSTRUCTION AREA. OUTLETS WITHIN AREAS THAT ARE TO REMAIN OCCUPIED SHALL BE PROTECTED IN PLACE UNTIL THE OUTLETS ARE NO LONGER REQUIRED.
- B DEMOLITION SHALL REQUIRE CABLING BE REMOVED IN IN ENTIRETY FROM THE WORK AREA OUTLET BACK TO THE POINT OF TERMINATION IN THE DESIGNATED TELECOM ROOM.
- C ALL DEMOLITION SHALL BE COMPLETED ACCORDING TO THE DIVISION 27 SPECIFICATIONS.
- D ALL EXISTING ALARM AND SECURITY SYSTEM COMPONENTS SERVING AREAS OCCUPIED DURING CONSTRUCTION SHALL REMAIN FULLY OPERATIONAL UNTIL AREA IS READY TO BEGIN DEMOLITION SCOPE. IN THE EVENT THAT CONSTRUCTION ACTIVITIES RESULT IN THE NEED TO SHUT DOWN ANY SECURITY SYSTEM OR COMPONENTS THEREOF, THE CONTRACTOR SHALL PROVIDE A MINIMUM 48 HOUR NOTICE TO THE OWNER SO THAT PROPER MEASURES MAY BE TAKEN
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DEMOLITION TELECOM LEGEND

# ▼	DATA LOCATION (# REPRESENTS AMOUNT OF DATA PRESENT)
# SR ▽	SURFACE RACEWAY DATA LOCATION (# REPRESENTS AMOUNT OF DATA PRESENT)
ETS ▼	EXISTING TEACHER STATION LOCATION
AV1 ▼	AV INPUT - TYPE 1
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CTL ▼	AV CONTROL LOCATION
CATV ▼	CABLE TELEVISION LOCATION
FB	FLOORBOX LOCATION
AV	AV FLOOR BOX LOCATION
DS ▼	DIGITAL SIGNAGE LOCATION
MON ▽	MONITOR LOCATION
P	PROJECTOR LOCATION
STP	SHORT THROW PROJECTOR LOCATION
AB	PROMETHEAN ACTIVBOARD LOCATION
AP	WIRELESS ACCESS POINT - CEILING MOUNTED
AP ▽	WIRELESS ACCESS POINT - WALL MOUNTED
C	CLOCK LOCATION
IR	IR MICROPHONE LOCATION
MIC ▽	MICROPHONE INPUT LOCATION
M	CEILING MICROPHONE LOCATION
VC ▽	VOLUME CONTROL LOCATION
CS ▽	CALL SWITCH LOCATION
S	PAGING SPEAKER LOCATION
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CR ▽	MULLION MOUNTED CARD READER LOCATION
SC	SECURITY CAMERA - CEILING MOUNTED
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MS ▽	MOTION SENSOR LOCATION
WS	WATER PRESENCE SENSOR LOCATION
PB	PANIC BUTTON LOCATION
DR	DOOR RELEASE BUTTON LOCATION

SHEET NOTES

1. EXISTING IDF 15 LOCATION. TO BE RELOCATED AS REQUIRED AND COMBINED WITH MDF/IDF 23. REFER TO T100 SERIES FOR NEW LOCATION.
2. EXISTING OSP FIBER ENTRANCE LOCATION IN THIS AREA TO MDF TO REMAIN.
3. EXISTING SECURITY CAMERA TO REMAIN IN CURRENT LOCATION. EXISTING CABLING, CONNECTORS AND CONNECTIVITY ACCESSORIES TO BE REMOVED ENTIRELY AND REPLACED WITH NEW CATEGORY 6A CABLING.

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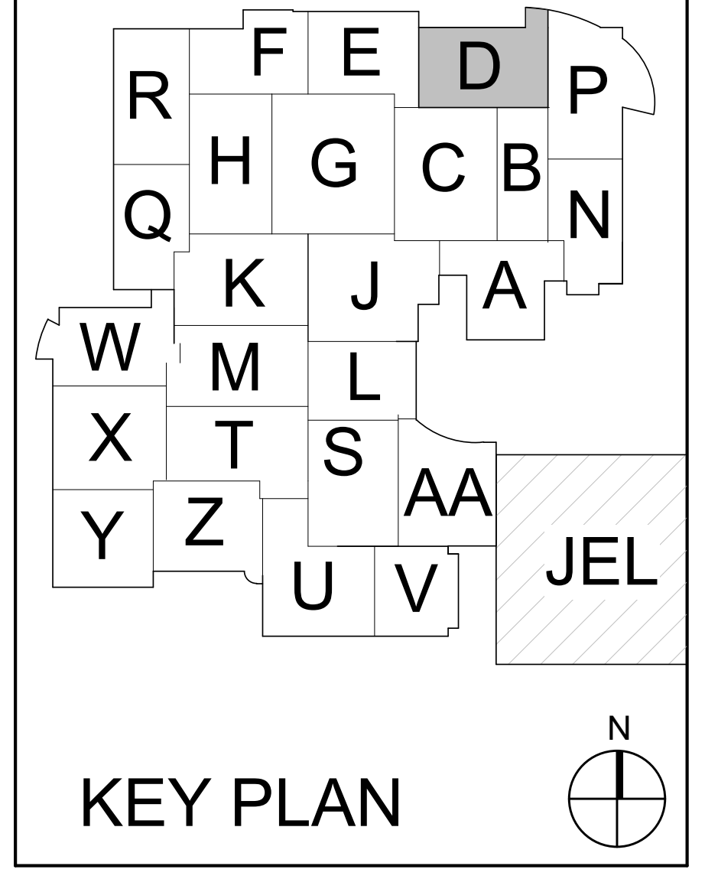


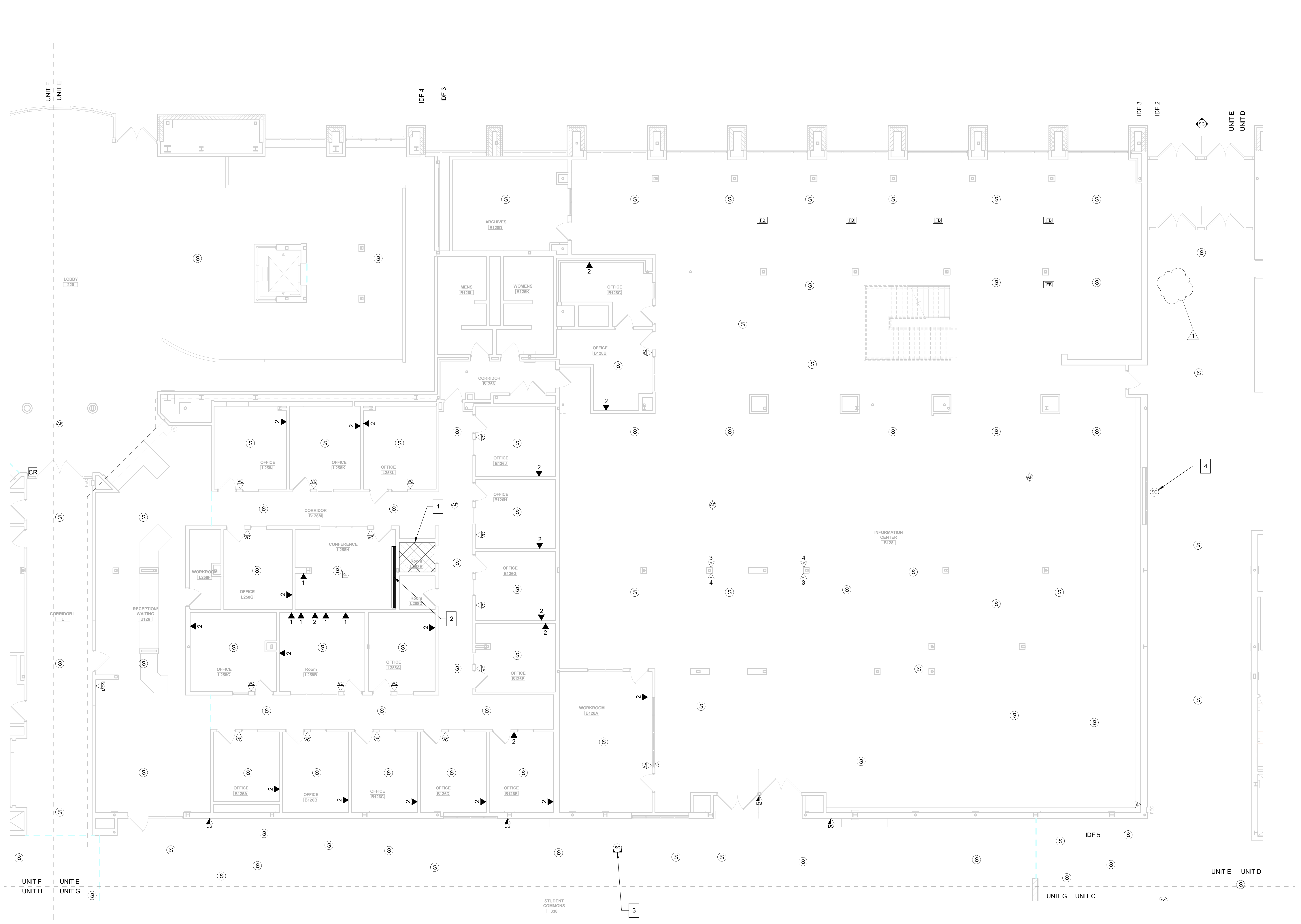
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR DEMOLITION PLAN - UNIT D

TD1D2.3



FIRST FLOOR DEMOLITION PLAN - UNIT E
① 1/8" = 1'-0"

GENERAL DEMO NOTES

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G EXISTING TELECOM EQUIPMENT, WHETHER EXPLICTLY SHOWN ON THE DEMOLITION SHEETS OR AFFECTED BY CONSTRUCTION ACTIVITES SHALL BE REMOVED SUCH THAT THE COMPONENT MAY BE RE-USED IF NEEDED AND TURNED OVER TO THE OWNER FOR STORAGE.

H EXISTING MDF LOCATION TO REMAIN THROUGHOUT CONSTRUCTION. CONTRACTOR TO PROTECT ROOM, EQUIPMENT, AND CABLING DURING CONSTRUCTION.

DEMOLITION TELECOM LEGEND

# ▼	DATA LOCATION (# REPRESENTS AMOUNT OF DATA PRESENT)
# ▽ SR	SURFACE RACEWAY DATA LOCATION (# REPRESENTS AMOUNT OF DATA PRESENT)
ETS ▼	EXISTING TEACHER STATION LOCATION
AV1 ▼	AV INPUT - TYPE 1
AV2 ▼	AV INPUT - TYPE 2
CTL ▼	AV CONTROL LOCATION
CATV ▼	CABLE TELEVISION LOCATION
FB	FLOORBOX LOCATION
AV	AV FLOOR BOX LOCATION
DS ▼	DIGITAL SIGNAGE LOCATION
MON ▽	MONITOR LOCATION
P	PROJECTOR LOCATION
STP	SHORT THROW PROJECTOR LOCATION
AB	PROMETHEAN ACTIVBOARD LOCATION
AP	WIRELESS ACCESS POINT - CEILING MOUNTED
AP ▽	WIRELESS ACCESS POINT - WALL MOUNTED
C	CLOCK LOCATION
IR	IR MICROPHONE LOCATION
MIC ▽	MICROPHONE INPUT LOCATION
M	CEILING MICROPHONE LOCATION
VC ▽	VOLUME CONTROL LOCATION
CS ▽	CALL SWITCH LOCATION
S	PAGING SPEAKER LOCATION
S	CLASSROOM SPEAKER LOCATION
SPK ▽	WALL MOUNTED SPEAKER LOCATION
A/V RACK	AV EQUIPMENT RACK LOCATION
KP	INTRUSION DETECTION KEYPAD LOCATION
CR	CARD READER LOCATION
CR ▽	MULLION MOUNTED CARD READER LOCATION
SC	SECURITY CAMERA - CEILING MOUNTED
SC	SECURITY CAMERA - WALL MOUNTED
▽ MS	MOTION SENSOR LOCATION
WS	WATER PRESENCE SENSOR LOCATION
PB	PANIC BUTTON LOCATION
DR	DOOR RELEASE BUTTON LOCATION

SHEET NOTES

1. EXISTING IDF 3 LOCATION SHALL BE RELOCATED AS REQUIRED. REFER TO T100 SERIES FOR NEW LOCATION.
2. EXISTING CEILING PROJECTION SCREEN SHALL BE REMOVED AND TURNED OVER TO OWNER.
3. EXISTING SECURITY CAMERA TO REMAIN IN CURRENT LOCATION. EXISTING CABLING, CONNECTORS AND CONNECTIVITY ACCESSORIES TO BE REMOVED ENTIRELY AND REPLACED WITH NEW CATEGORY 6A CABLING.
4. EXISTING SECURITY CAMERA TO BE CAREFULLY REMOVED AND PLACED INTO INVENTORY FOR REINSTALLATION IN NEW LOCATION. ALL CABLING, CONNECTORS AND CONNECTIVITY ACCESSORIES TO BE REMOVED ENTIRELY.

△1

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Project No. 2019-067.NCH
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Bid Set 03
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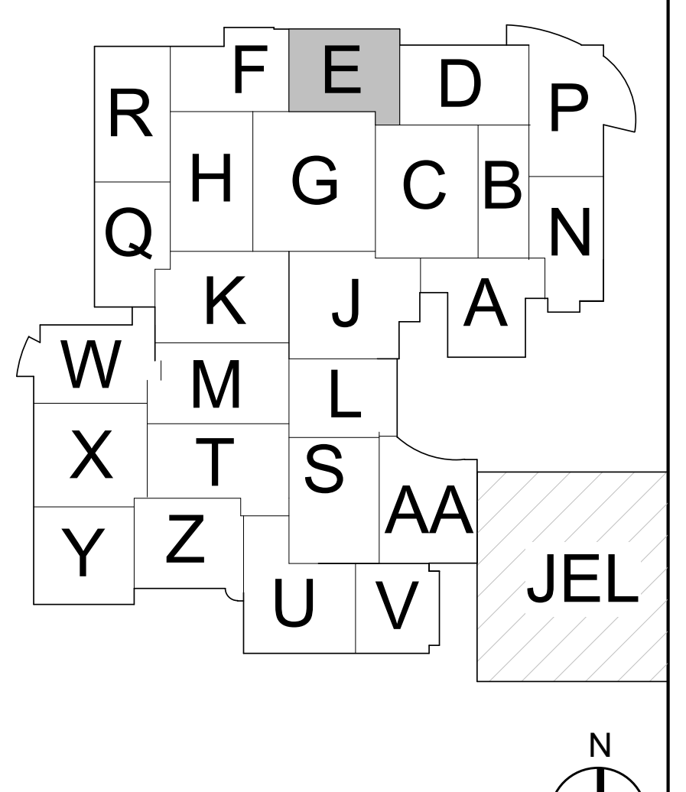
Matthew Connolly
BICSI ID # 212593
EXPIRES 12-31-24
RCDD

#	Revision	Date
A2.3	Addendum 2.3	03/22/2023

1801 East 86th Street
Indianapolis, IN 46240



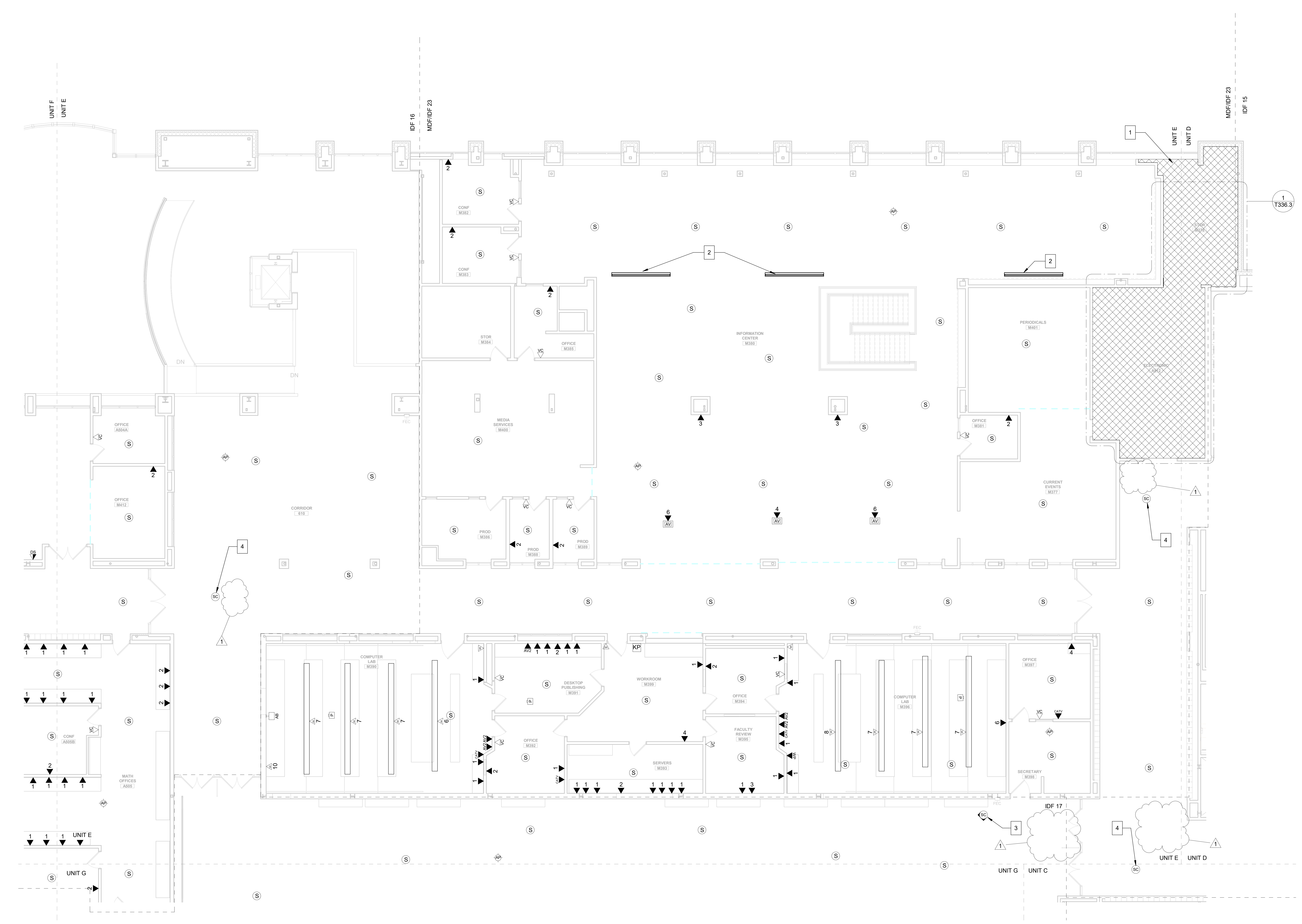
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR DEMOLITION PLAN - UNIT E

TD1E1.3



SECOND FLOOR DEMOLITION PLAN - UNIT E

1
1/8" = 1'-0"

GENERAL DEMO NOTES

A CONTRACTOR SHALL DEMOLISH ALL EXISTING CABLING OUTLETS WITHIN THE CONSTRUCTION AREA. OUTLETS WITHIN AREAS THAT ARE TO REMAIN OCCUPIED SHALL BE PROTECTED IN PLACE UNTIL THE OUTLETS ARE NO LONGER REQUIRED.

B DEMOLITION SHALL REQUIRE CABLING BE REMOVED IN IN ENTIRETY FROM THE WORK AREA OUTLET BACK TO THE POINT OF TERMINATION IN THE DESIGNATED TELECOM ROOM.

C ALL DEMOLITION SHALL BE COMPLETED ACCORDING TO THE DIVISION 27 SPECIFICATIONS.

D ALL EXISTING ALARM AND SECURITY SYSTEM COMPONENTS SERVING AREAS OCCUPIED DURING CONSTRUCTION SHALL REMAIN FULLY OPERATIONAL UNTIL AREA IS READY TO BEGIN DEMOLITION SCOPE. IN THE EVENT THAT CONSTRUCTION ACTIVITIES RESULT IN THE NEED TO SHUT DOWN ANY SECURITY SYSTEM OR COMPONENTS THEREOF, THE CONTRACTOR SHALL PROVIDE A MINIMUM 48 HOUR NOTICE TO THE OWNER SO THAT PROPER MEASURES MAY BE TAKEN

E EXISTING SECURITY SYSTEM COMPONENTS REMOVED DURING DEMOLITION, WHETHER EXPLICITLY SHOWN ON THE DEMOLITION SHEETS OR REMOVED DUE TO CONSTRUCTION ACTIVITIES, SHALL BE REMOVED SUCH THAT THE COMPONENT MAY BE RE-USED IF NEEDED AND TURNED OVER TO THE OWNER FOR STORAGE.

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DEMOLITION TELECOM LEGEND

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# SR ▽	SURFACE RACEWAY DATA LOCATION (# REPRESENTS AMOUNT OF DATA PRESENT)
ETS ▼	EXISTING TEACHER STATION LOCATION
AV1 ▼	AV INPUT - TYPE 1
AV2 ▼	AV INPUT - TYPE 2
CTL ▼	AV CONTROL LOCATION
CATV ▼	CABLE TELEVISION LOCATION
FB	FLOORBOX LOCATION
AV	AV FLOOR BOX LOCATION
DS ▼	DIGITAL SIGNAGE LOCATION
MON ▽	MONITOR LOCATION
P	PROJECTOR LOCATION
STP	SHORT THROW PROJECTOR LOCATION
AB	PROMETHEAN ACTIVBOARD LOCATION
AP	WIRELESS ACCESS POINT - CEILING MOUNTED
AP ▽	WIRELESS ACCESS POINT - WALL MOUNTED
C	CLOCK LOCATION
IR	IR MICROPHONE LOCATION
MIC ▽	MICROPHONE INPUT LOCATION
M	CEILING MICROPHONE LOCATION
VC ▽	VOLUME CONTROL LOCATION
CS ▽	CALL SWITCH LOCATION
S	PAGING SPEAKER LOCATION
S	CLASSROOM SPEAKER LOCATION
SPK ▽	WALL MOUNTED SPEAKER LOCATION
A/V RACK	AV EQUIPMENT RACK LOCATION
KP	INTRUSION DETECTION KEYPAD LOCATION
CR	CARD READER LOCATION
CR ▽	MULLION MOUNTED CARD READER LOCATION
SC	SECURITY CAMERA - CEILING MOUNTED
SC	SECURITY CAMERA - WALL MOUNTED
MS ▽	MOTION SENSOR LOCATION
WS	WATER PRESENCE SENSOR LOCATION
PB	PANIC BUTTON LOCATION
DR	DOOR RELEASE BUTTON LOCATION

SHEET NOTES

1. EXISTING MDF/IDF 23 LOCATION SHALL BE COMBINED WITH EXISTING IDF 15 AND RENOVATED AS REQUIRED.
2. EXISTING CEILING PROJECTION SCREEN SHALL BE REMOVED AND TURNED OVER TO OWNER.
3. EXISTING SECURITY CAMERA TO REMAIN IN CURRENT LOCATION. EXISTING CABLING, CONNECTORS AND CONNECTIVITY ACCESSORIES TO BE REMOVED ENTIRELY AND REPLACED WITH NEW CATEGORY 6A CABLING.
4. EXISTING SECURITY CAMERA TO BE CAREFULLY REMOVED AND PLACED INTO INVENTORY FOR REINSTALLATION IN NEW LOCATION. ALL CABLING, CONNECTORS AND CONNECTIVITY ACCESSORIES TO BE REMOVED ENTIRELY.

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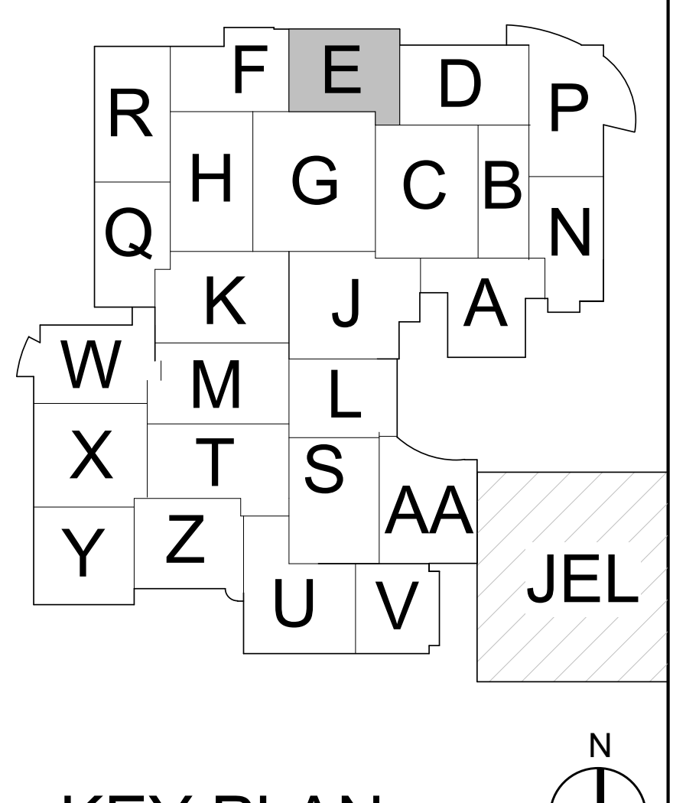


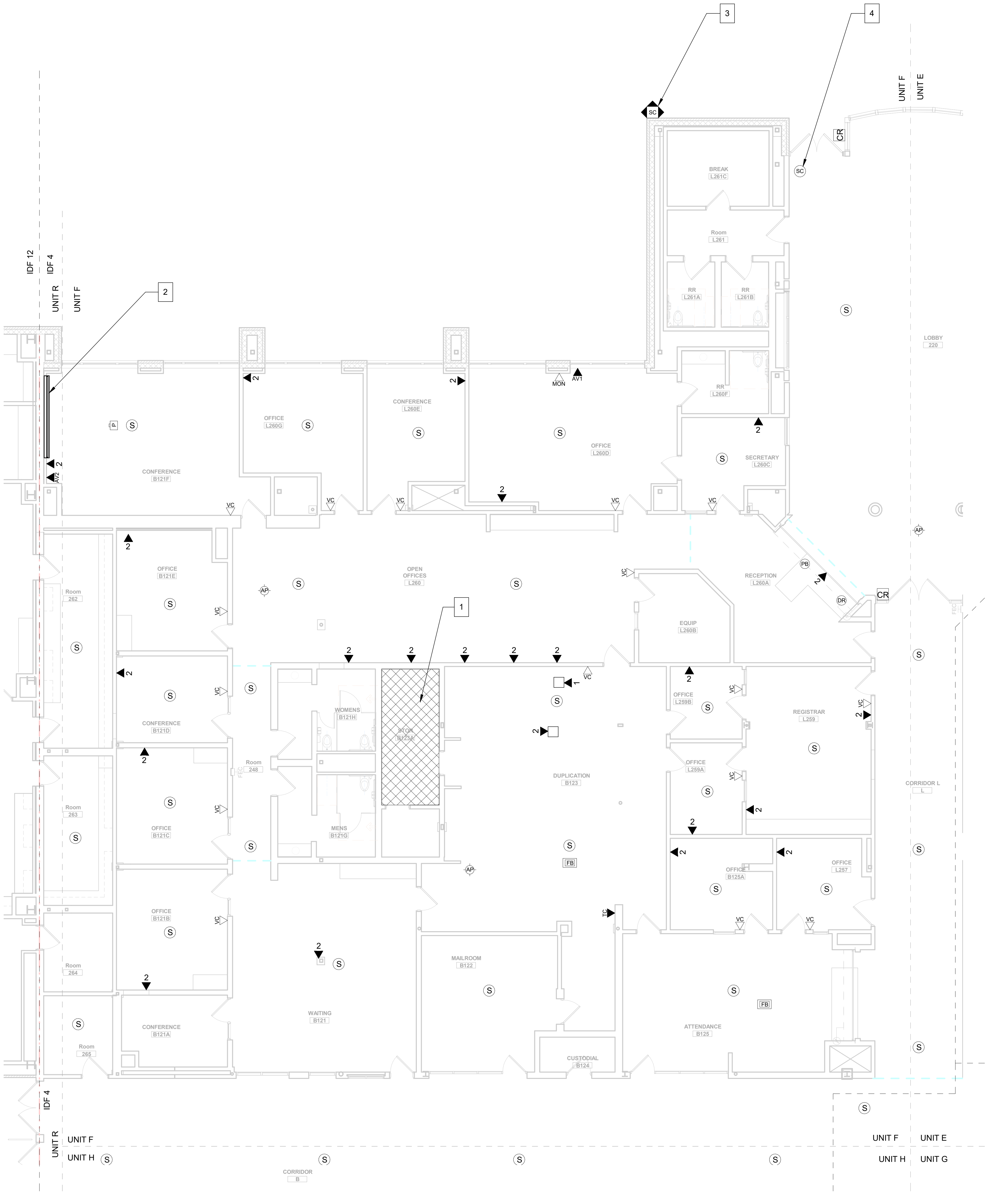
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR DEMOLITION PLAN - UNIT E

TD1E2.3



① FIRST FLOOR DEMOLITION PLAN - UNIT F
1/8" = 1'-0"

GENERAL DEMO NOTES

A CONTRACTOR SHALL DEMOLISH ALL EXISTING CABLING OUTLETS WITHIN THE CONSTRUCTION AREA. OUTLETS WITHIN AREAS THAT ARE TO REMAIN OCCUPIED SHALL BE PROTECTED IN PLACE UNTIL THE OUTLETS ARE NO LONGER REQUIRED.

B DEMOLITION SHALL REQUIRE CABLING BE REMOVED IN IN ENTIRETY FROM THE WORK AREA OUTLET BACK TO THE POINT OF TERMINATION IN THE DESIGNATED TELECOM ROOM.

C ALL DEMOLITION SHALL BE COMPLETED ACCORDING TO THE DIVISION 27 SPECIFICATIONS.

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ETS ▼	EXISTING TEACHER STATION LOCATION
AV1 ▼	AV INPUT - TYPE 1
AV2 ▼	AV INPUT - TYPE 2
CTL ▼	AV CONTROL LOCATION
CATV ▼	CABLE TELEVISION LOCATION
FB	FLOORBOX LOCATION
AV	AV FLOOR BOX LOCATION
DS ▼	DIGITAL SIGNAGE LOCATION
MON ▽	MONITOR LOCATION
P	PROJECTOR LOCATION
STP	SHORT THROW PROJECTOR LOCATION
AB	PROMETHEAN ACTIVBOARD LOCATION
AP	WIRELESS ACCESS POINT - CEILING MOUNTED
AP ▽	WIRELESS ACCESS POINT - WALL MOUNTED
Ⓒ	CLOCK LOCATION
IR	IR MICROPHONE LOCATION
MIC ▽	MICROPHONE INPUT LOCATION
Ⓜ	CEILING MICROPHONE LOCATION
VC ▽	VOLUME CONTROL LOCATION
CS ▽	CALL SWITCH LOCATION
Ⓢ	PAGING SPEAKER LOCATION
S	CLASSROOM SPEAKER LOCATION
SPK ▽	WALL MOUNTED SPEAKER LOCATION
A/V RACK	AV EQUIPMENT RACK LOCATION
KP	INTRUSION DETECTION KEYPAD LOCATION
CR	CARD READER LOCATION
CR ▽	MULLION MOUNTED CARD READER LOCATION
SC	SECURITY CAMERA - CEILING MOUNTED
SC	SECURITY CAMERA - WALL MOUNTED
MS ▽	MOTION SENSOR LOCATION
WS	WATER PRESENCE SENSOR LOCATION
PB	PANIC BUTTON LOCATION
DR	DOOR RELEASE BUTTON LOCATION

SHEET NOTES

1. EXISTING IDF 4 LOCATION SHALL BE RELOCATED AS REQUIRED. REFER TO T100 SERIES FOR NEW LOCATION.
2. EXISTING CEILING PROJECTION SCREEN SHALL BE REMOVED AND TURNED OVER TO OWNER.
3. EXISTING SECURITY CAMERA TO REMAIN IN CURRENT LOCATION. EXISTING CABLING, CONNECTORS AND CONNECTIVITY ACCESSORIES TO BE REMOVED ENTIRELY AND REPLACED WITH NEW CATEGORY 6A CABLING.
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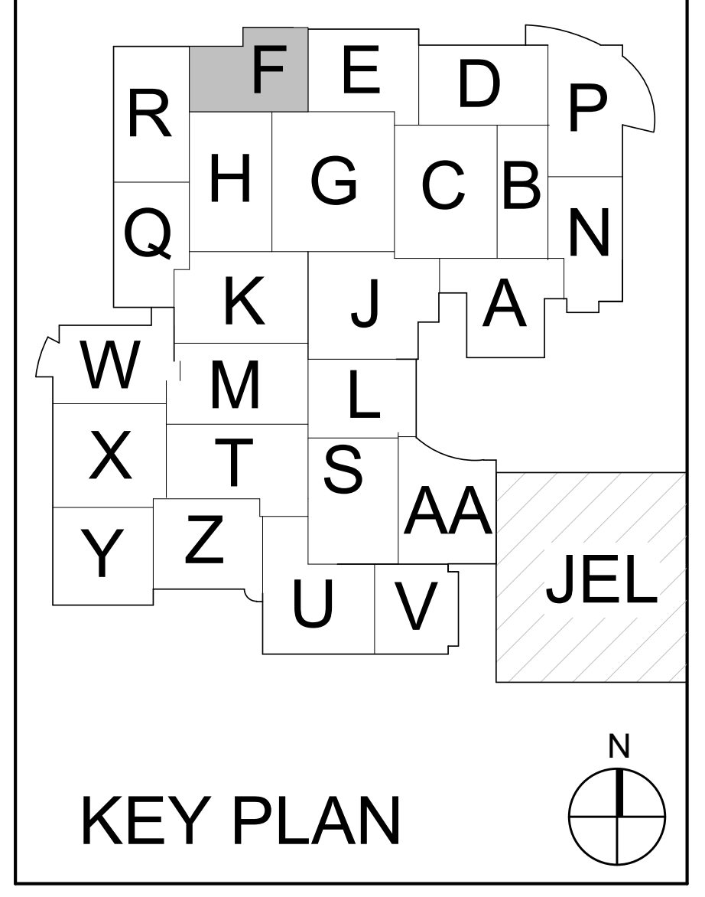


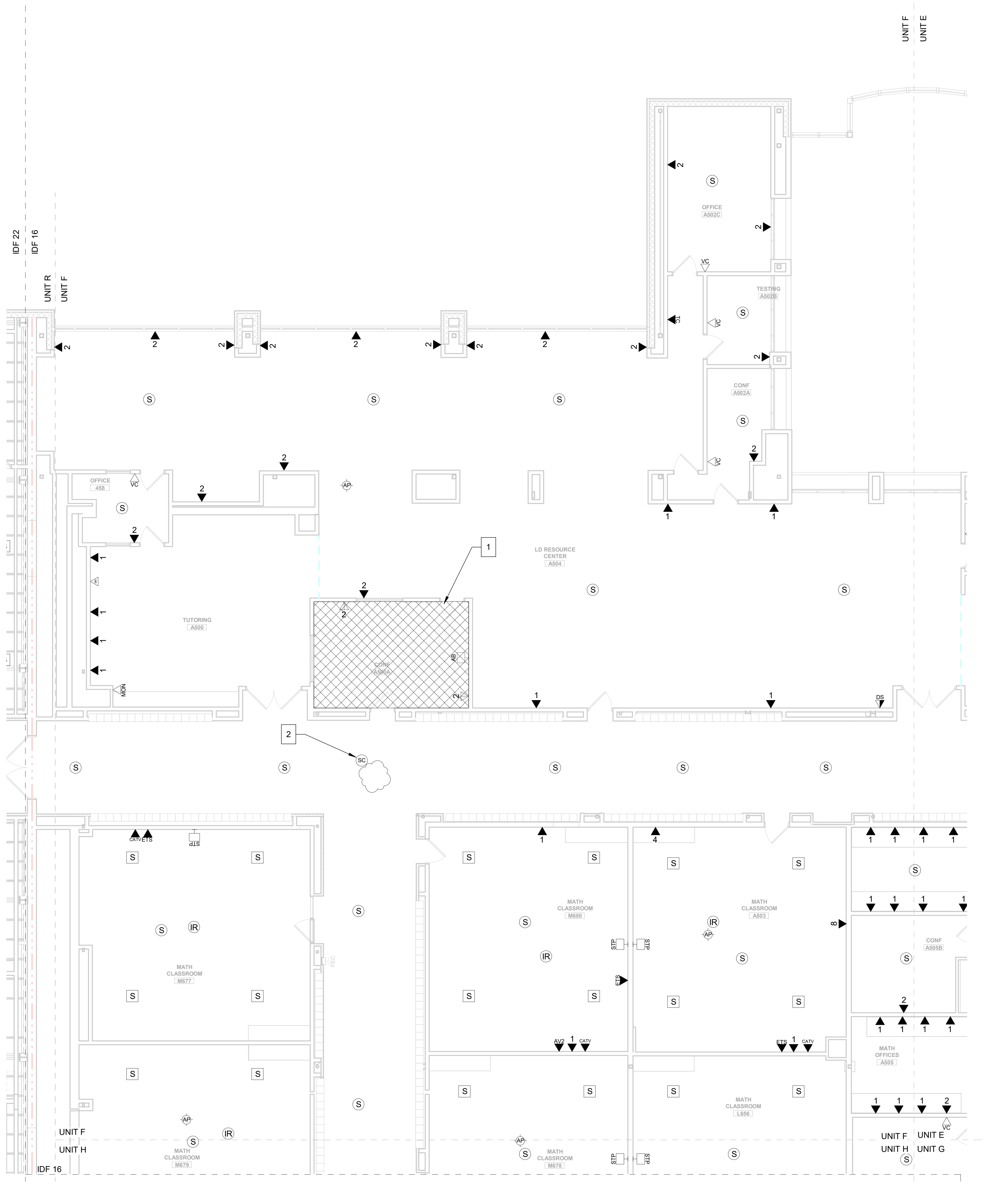
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR DEMOLITION PLAN - UNIT F

TD1F1.3



1 SECOND FLOOR DEMOLITION PLAN - UNIT F
1/8" = 1'-0"

GENERAL DEMO NOTES

- A CONTRACTOR SHALL DEMOLISH ALL EXISTING CABLING OUTLETS WITHIN THE CONSTRUCTION AREA. OUTLETS WITHIN AREAS THAT ARE TO REMAIN OCCUPIED SHALL BE PROTECTED IN PLACE UNTIL THE OUTLETS ARE NO LONGER REQUIRED.
- B DEMOLITION SHALL REQUIRE CABLING BE REMOVED IN IN ENTIRETY FROM THE WORK AREA OUTLET BACK TO THE POINT OF TERMINATION IN THE DESIGNATED TELECOM ROOM.
- C ALL DEMOLITION SHALL BE COMPLETED ACCORDING TO THE DIVISION 27 SPECIFICATIONS.
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DEMOLITION TELECOM LEGEND

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# ▽ SR	SURFACE RACEWAY DATA LOCATION (# REPRESENTS AMOUNT OF DATA PRESENT)
ETS ▼	EXISTING TEACHER STATION LOCATION
AV1 ▼	AV INPUT - TYPE 1
AV2 ▼	AV INPUT - TYPE 2
CTL ▼	AV CONTROL LOCATION
CATV ▼	CABLE TELEVISION LOCATION
FB	FLOORBOX LOCATION
AV	AV FLOOR BOX LOCATION
DS ▼	DIGITAL SIGNAGE LOCATION
MON ▽	MONITOR LOCATION
P	PROJECTOR LOCATION
STP	SHORT THROW PROJECTOR LOCATION
AB	PROMETHEAN ACTIVBOARD LOCATION
AP	WIRELESS ACCESS POINT - CEILING MOUNTED
AP ▽	WIRELESS ACCESS POINT - WALL MOUNTED
C	CLOCK LOCATION
IR	IR MICROPHONE LOCATION
MIC ▽	MICROPHONE INPUT LOCATION
M	CEILING MICROPHONE LOCATION
VC ▽	VOLUME CONTROL LOCATION
CS ▽	CALL SWITCH LOCATION
S	PAGING SPEAKER LOCATION
S	CLASSROOM SPEAKER LOCATION
SPK ▽	WALL MOUNTED SPEAKER LOCATION
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KP	INTRUSION DETECTION KEYPAD LOCATION
CR	CARD READER LOCATION
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SC	SECURITY CAMERA - CEILING MOUNTED
SC	SECURITY CAMERA - WALL MOUNTED
MS ▽	MOTION SENSOR LOCATION
WS	WATER PRESENCE SENSOR LOCATION
PB	PANIC BUTTON LOCATION
DR	DOOR RELEASE BUTTON LOCATION

SHEET NOTES

1. EXISTING IDF 16 LOCATION. TO BE RELOCATED AS REQUIRED. REFER TO T100 SERIES FOR NEW LOCATION.
2. EXISTING SECURITY CAMERA TO BE CAREFULLY REMOVED AND PLACED INTO INVENTORY FOR REINSTALLATION IN NEW LOCATION. ALL CABLING, CONNECTORS AND CONNECTIVITY ACCESSORIES TO BE REMOVED ENTIRELY.

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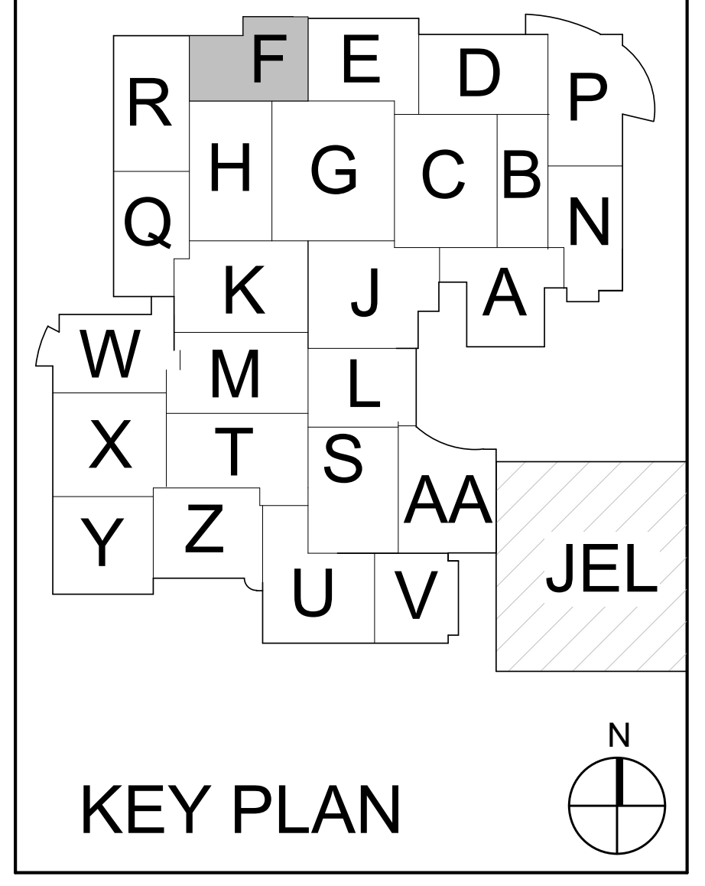

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR DEMOLITION PLAN - UNIT F

TD1F2.3

TD1F2.3_ SECOND FLOOR DEMOLITION PLAN - UNIT F
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
Autodesk Docs://2020-26 Schmidt - MSDWT North Central Reno/2019-067.NCH_Sector1_T_2022_Central.rvt
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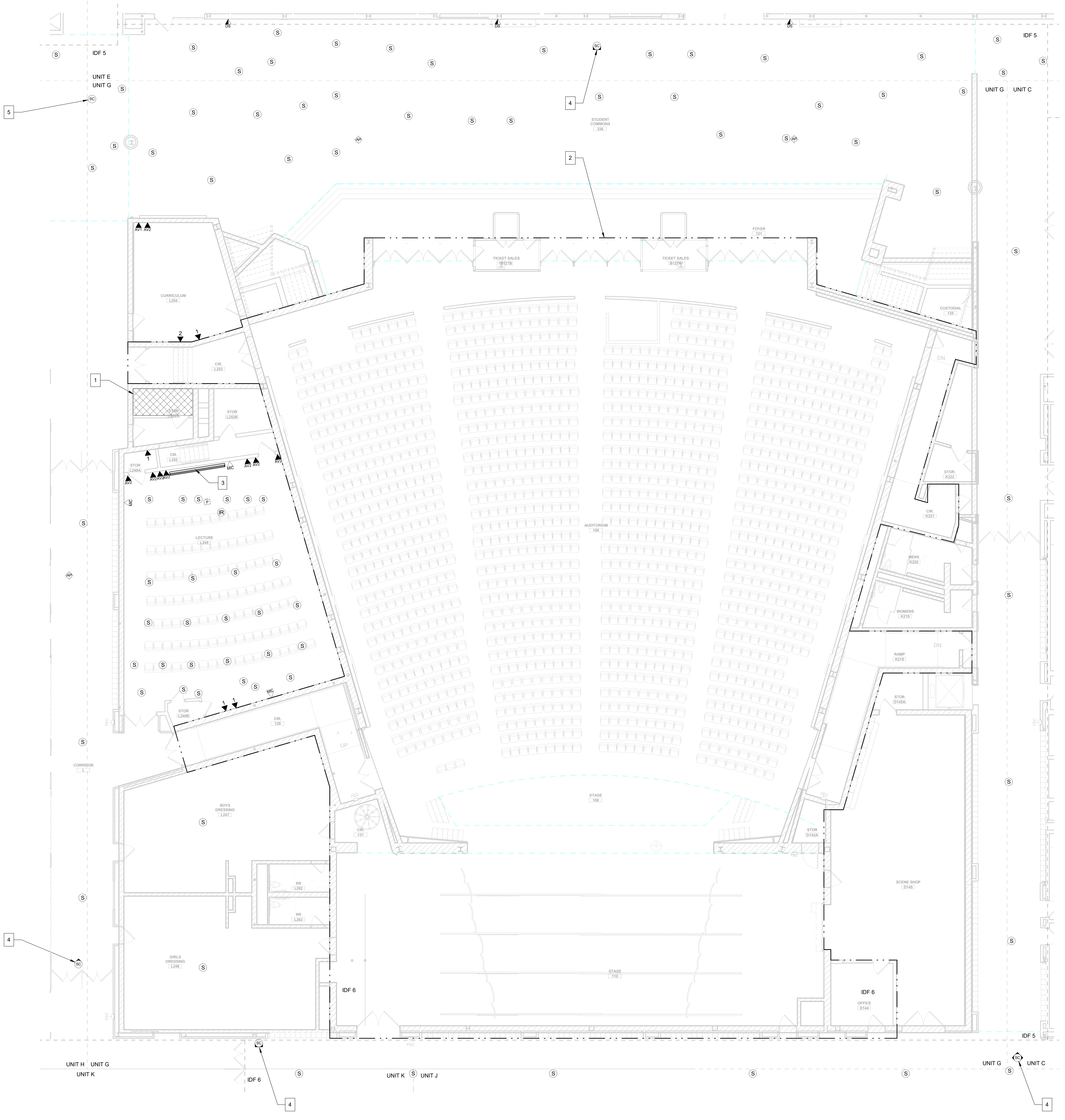

FIRST FLOOR DEMOLITION PLAN - UNIT G
1/8" = 1'-0"

GENERAL DEMO NOTES

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CATV ▼	CABLE TELEVISION LOCATION
FB	FLOORBOX LOCATION
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SC	SECURITY CAMERA - WALL MOUNTED
MS ▽	MOTION SENSOR LOCATION
WS	WATER PRESENCE SENSOR LOCATION
PB	PANIC BUTTON LOCATION
DR	DOOR RELEASE BUTTON LOCATION

SHEET NOTES

1. EXISTING IDF 5 LOCATION. TO BE RENOVATED AS REQUIRED.
2. EXISTING PHASE 1 AREA. PROTECT ALL EXISTING DEVICES AND CABLING WITHIN THIS AREA THROUGHOUT CONSTRUCTION.
3. EXISTING CEILING PROJECTION SCREEN SHALL BE REMOVED AND TURNED OVER TO OWNER.
4. EXISTING SECURITY CAMERA TO REMAIN IN CURRENT LOCATION. EXISTING CABLING, CONNECTORS AND CONNECTIVITY ACCESSORIES TO BE REMOVED ENTIRELY AND REPLACED WITH NEW CATEGORY 6A CABLING.
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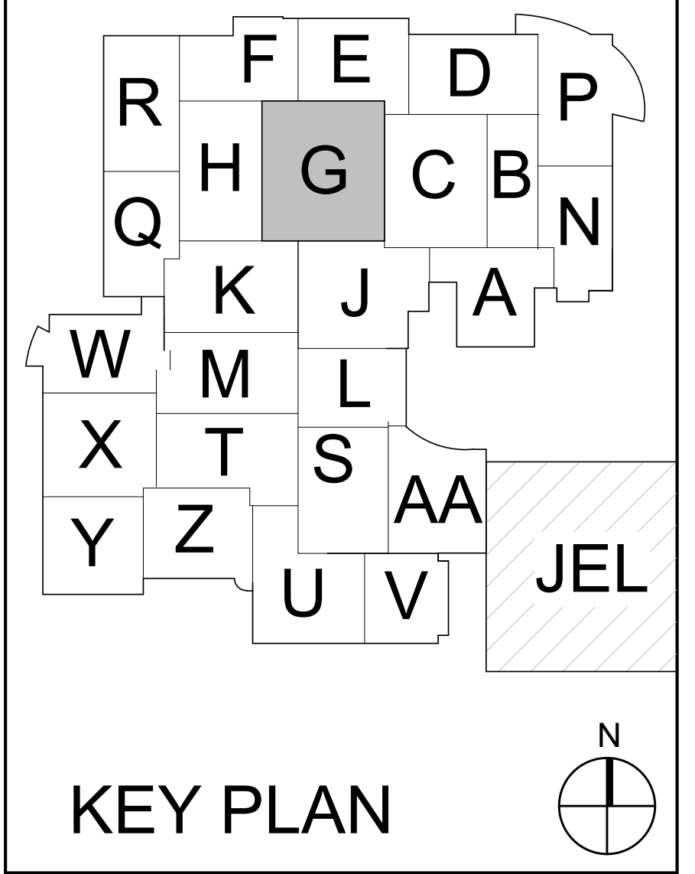


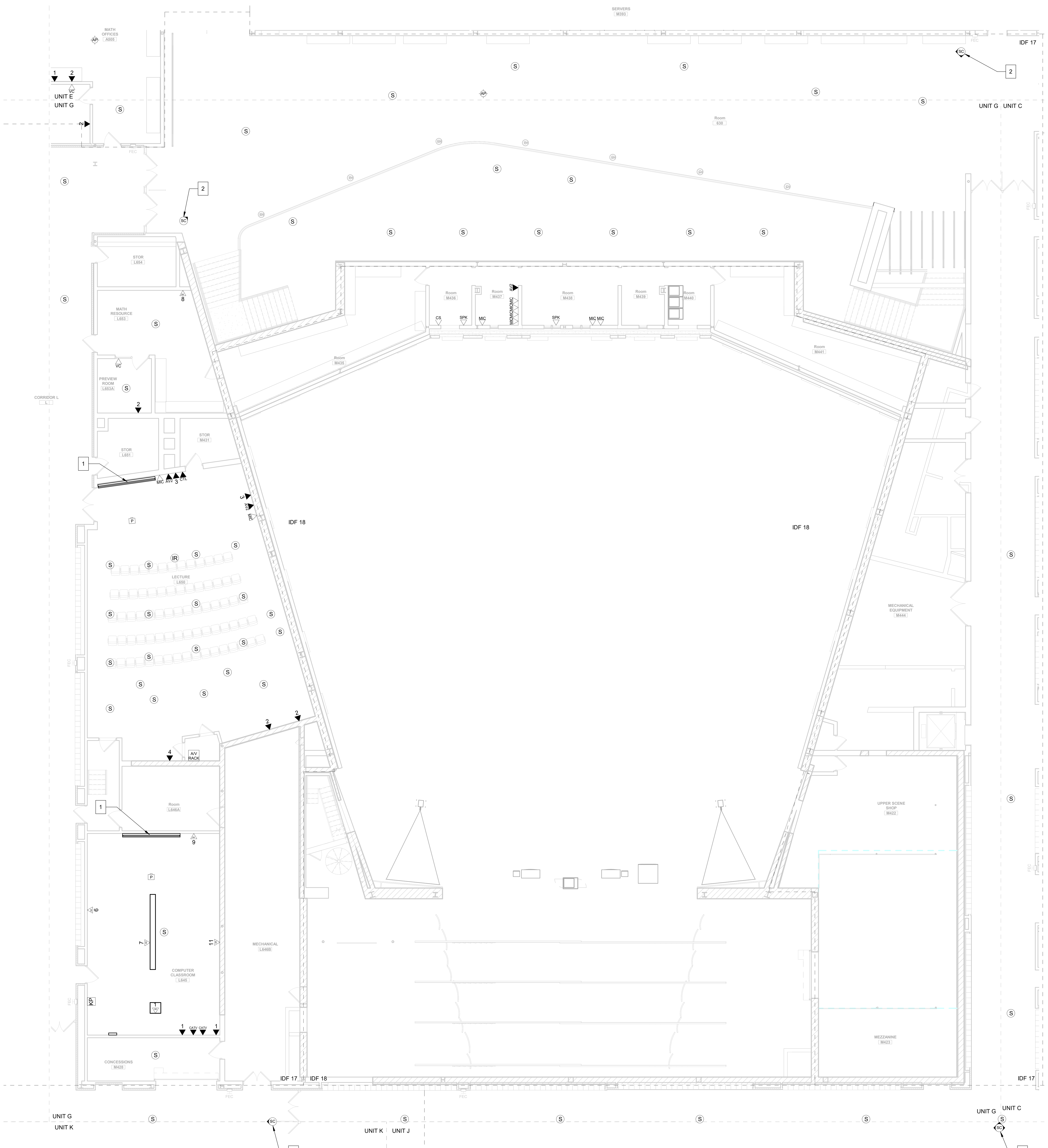
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR DEMOLITION PLAN - UNIT G

TD1G1.3



1 SECOND FLOOR DEMOLITION PLAN - UNIT G
1/8" = 1'-0"

GENERAL DEMO NOTES

A CONTRACTOR SHALL DEMOLISH ALL EXISTING CABLING OUTLETS WITHIN THE CONSTRUCTION AREA. OUTLETS WITHIN AREAS THAT ARE TO REMAIN OCCUPIED SHALL BE PROTECTED IN PLACE UNTIL THE OUTLETS ARE NO LONGER REQUIRED.

B DEMOLITION SHALL REQUIRE CABLING BE REMOVED IN IN ENTIRETY FROM THE WORK AREA OUTLET BACK TO THE POINT OF TERMINATION IN THE DESIGNATED TELECOM ROOM.

C ALL DEMOLITION SHALL BE COMPLETED ACCORDING TO THE DIVISION 27 SPECIFICATIONS.

D ALL EXISTING ALARM AND SECURITY SYSTEM COMPONENTS SERVING AREAS OCCUPIED DURING CONSTRUCTION SHALL REMAIN FULLY OPERATIONAL UNTIL AREA IS READY TO BEGIN DEMOLITION SCOPE. IN THE EVENT THAT CONSTRUCTION ACTIVITIES RESULT IN THE NEED TO SHUT DOWN ANY SECURITY SYSTEM OR COMPONENTS THEREOF, THE CONTRACTOR SHALL PROVIDE A MINIMUM 48 HOUR NOTICE TO THE OWNER SO THAT PROPER MEASURES MAY BE TAKEN

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F EXISTING AUDIO-VISUAL EQUIPMENT, WHETHER EXPLICTLY SHOWN ON THE DEMOLITION SHEETS OR AFFECTED BY CONSTRUCTION ACTIVITES SHALL BE REMOVED SUCH THAT THE COMPONENT MAY BE RE-USED IF NEEDED AND TURNED OVER TO THE OWNER FOR STORAGE.

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H EXISTING MDF LOCATION TO REMAIN THROUGHOUT CONSTRUCTION. CONTRACTOR TO PROTECT ROOM, EQUIPMENT, AND CABLING DURING CONSTRUCTION.

DEMOLITION TELECOM LEGEND

# ▼	DATA LOCATION (# REPRESENTS AMOUNT OF DATA PRESENT)
# SR ▽	SURFACE RACEWAY DATA LOCATION (# REPRESENTS AMOUNT OF DATA PRESENT)
ETS ▼	EXISTING TEACHER STATION LOCATION
AV1 ▼	AV INPUT - TYPE 1
AV2 ▼	AV INPUT - TYPE 2
CTL ▼	AV CONTROL LOCATION
CATV ▼	CABLE TELEVISION LOCATION
FB	FLOORBOX LOCATION
AV	AV FLOOR BOX LOCATION
DS	DIGITAL SIGNAGE LOCATION
MON ▽	MONITOR LOCATION
P	PROJECTOR LOCATION
STP	SHORT THROW PROJECTOR LOCATION
AB	PROMETHEAN ACTIVBOARD LOCATION
AP	WIRELESS ACCESS POINT - CEILING MOUNTED
AP ▽	WIRELESS ACCESS POINT - WALL MOUNTED
C	CLOCK LOCATION
IR	IR MICROPHONE LOCATION
MIC ▽	MICROPHONE INPUT LOCATION
M	CEILING MICROPHONE LOCATION
VC ▽	VOLUME CONTROL LOCATION
CS ▽	CALL SWITCH LOCATION
S	PAGING SPEAKER LOCATION
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CR	CARD READER LOCATION
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PB	PANIC BUTTON LOCATION
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SHEET NOTES

1. EXISTING CEILING PROJECTION SCREEN SHALL BE REMOVED AND TURNED OVER TO OWNER.
2. EXISTING SECURITY CAMERA TO REMAIN IN CURRENT LOCATION. EXISTING CABLING, CONNECTORS AND CONNECTIVITY ACCESSORIES TO BE REMOVED ENTIRELY AND REPLACED WITH NEW CATEGORY 6A CABLING.

1

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www.schmidt-arch.com

Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced D27 MJC

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Matthew Connolly
BICSI ID # 212593
EXPIRES 12-31-24
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#	Revision	Date
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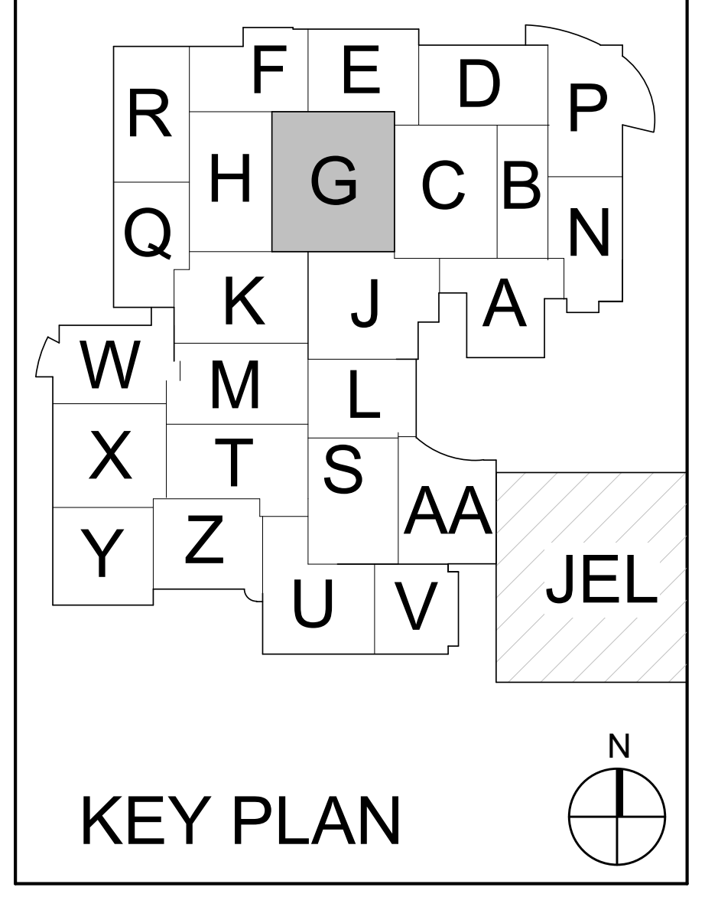

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR DEMOLITION PLAN - UNIT G

TD1G2.3

TD1G2.3_ SECOND FLOOR DEMOLITION PLAN - UNIT G
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
Autodesk Docs://2020-26 Schmidt - MSDWT North Central Reno/2019-067.NCH_Sector1_T_2022_Central.rvt
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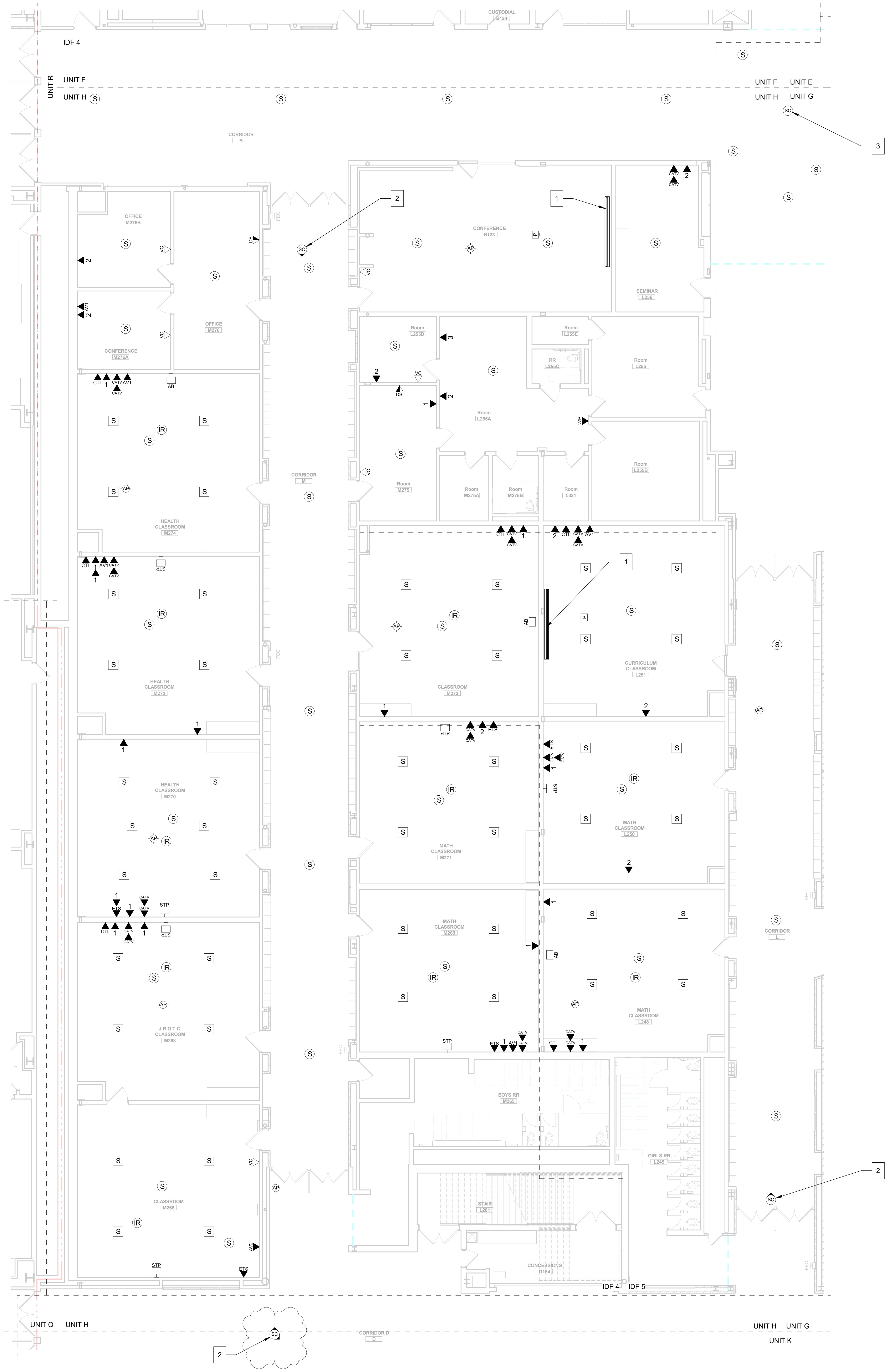

① FIRST FLOOR DEMOLITION PLAN - UNIT H
1/8" = 1'-0"

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△1

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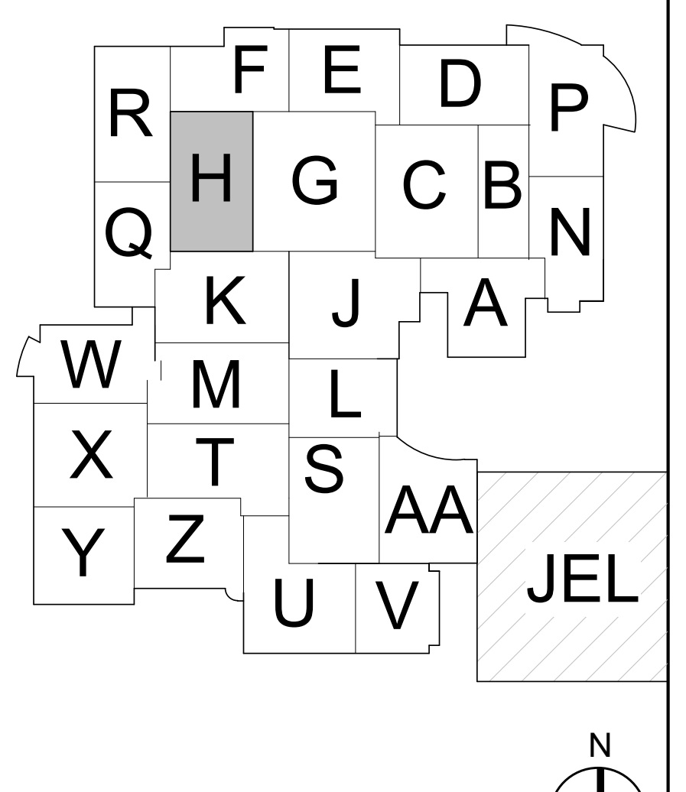

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR
DEMOLITION PLAN - UNIT H

TD1H1.3

1 SECOND FLOOR DEMOLITION PLAN - UNIT H
1/8" = 1'-0"

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MS	MOTION SENSOR LOCATION
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PB	PANIC BUTTON LOCATION
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SHEET NOTES

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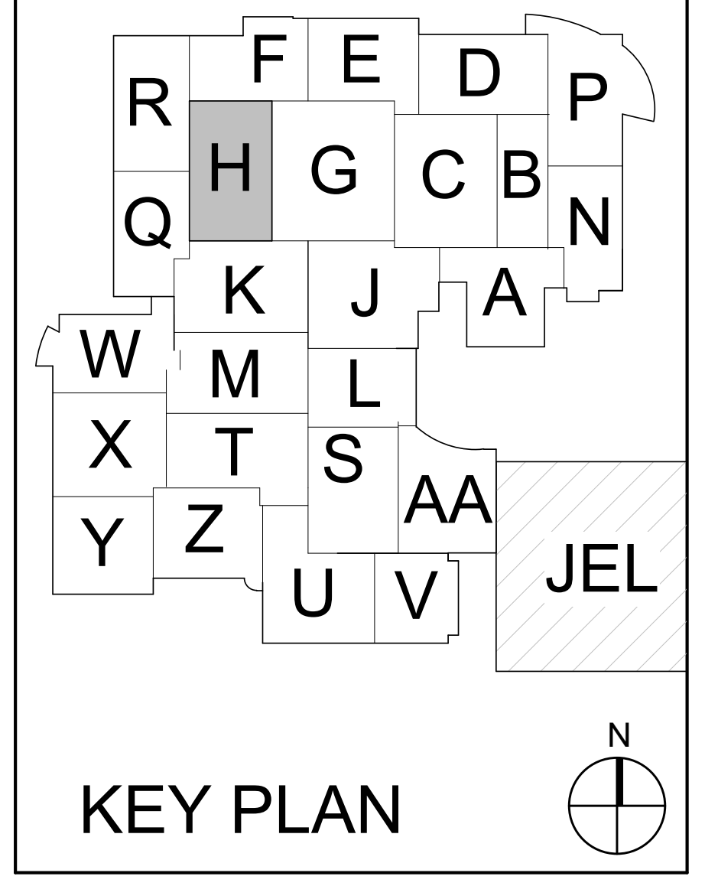

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR DEMOLITION PLAN - UNIT H

TD1H2.3

① FIRST FLOOR DEMOLITION PLAN - UNIT J
1/8" = 1'-0"

GENERAL DEMO NOTES

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WS	WATER PRESENCE SENSOR LOCATION
PB	PANIC BUTTON LOCATION
DR	DOOR RELEASE BUTTON LOCATION

SHEET NOTES

1. EXISTING IDF 6 LOCATION. TO BE RENOVATED AS REQUIRED.
2. EXISTING CEILING PROJECTION SCREEN SHALL BE REMOVED AND TURNED OVER TO OWNER.
3. EXISTING WATER PRESENCE SENSOR SHALL REMAIN. EXISTING WIRE TO BE REMOVED ENTIRELY AND REPLACED WITH NEW WIRE TO IDF B108L.
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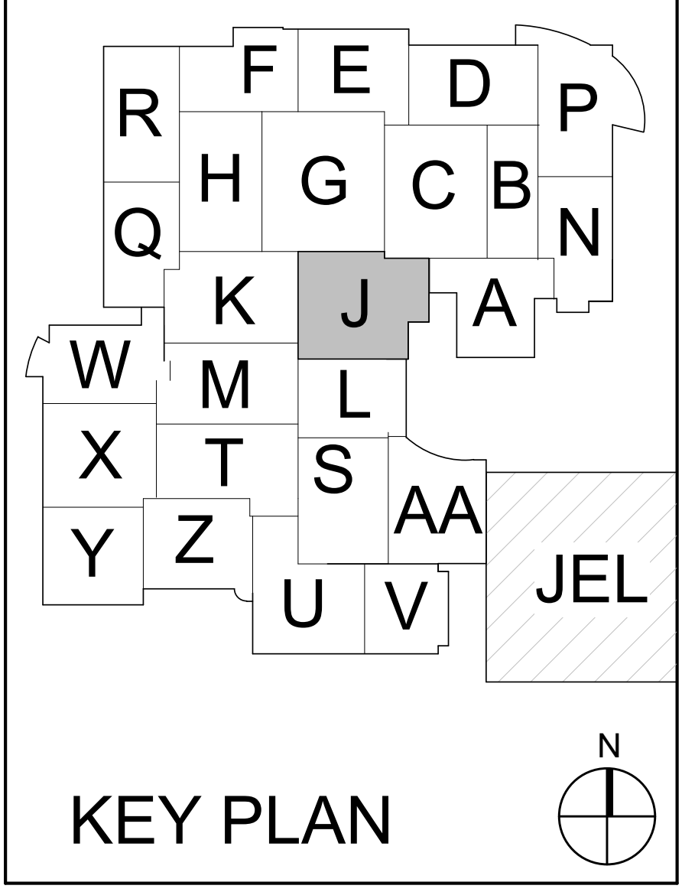

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North Central High School
Renovation - Additions
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FIRST FLOOR DEMOLITION PLAN - UNIT J

TD1J1.3

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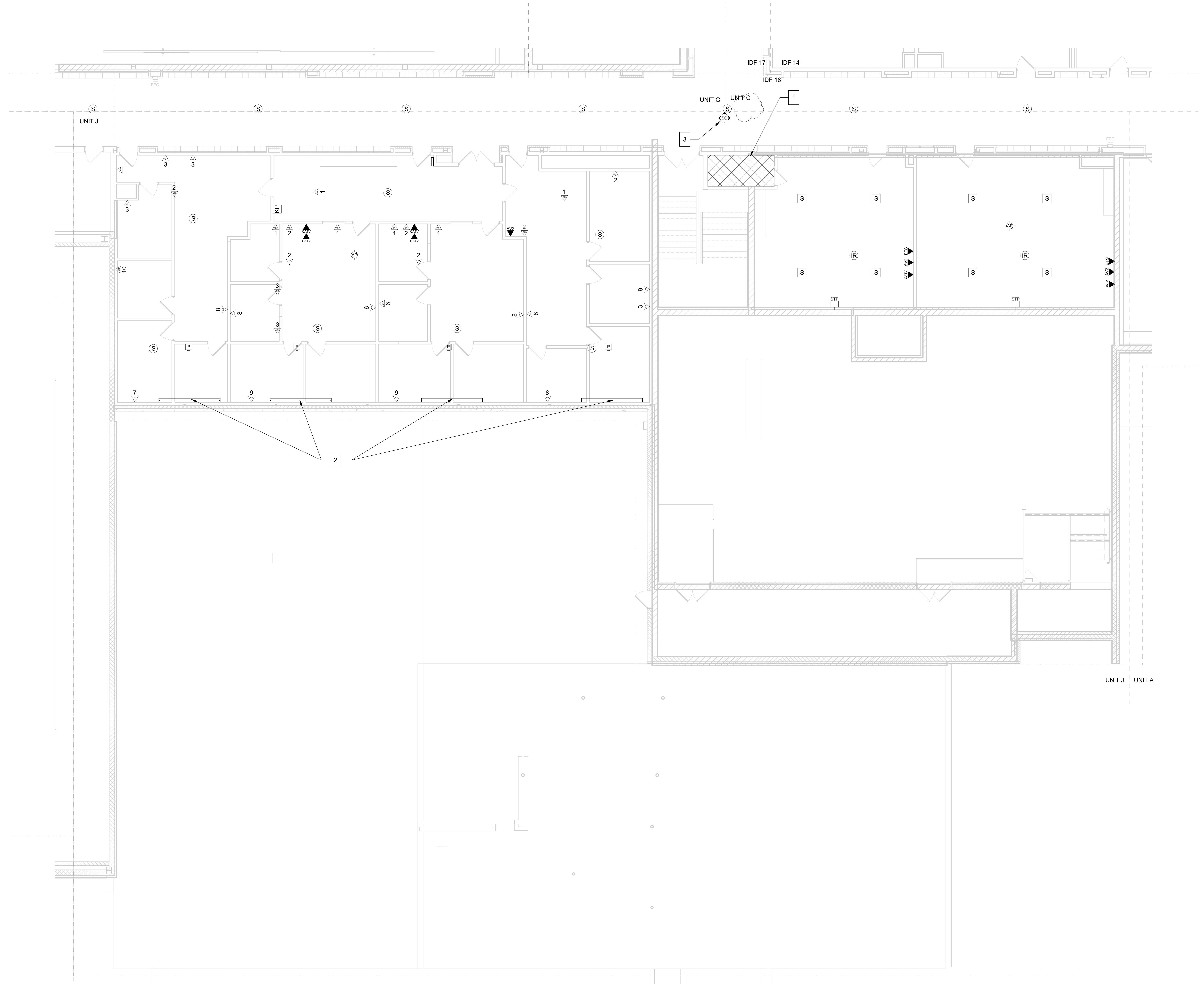

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1

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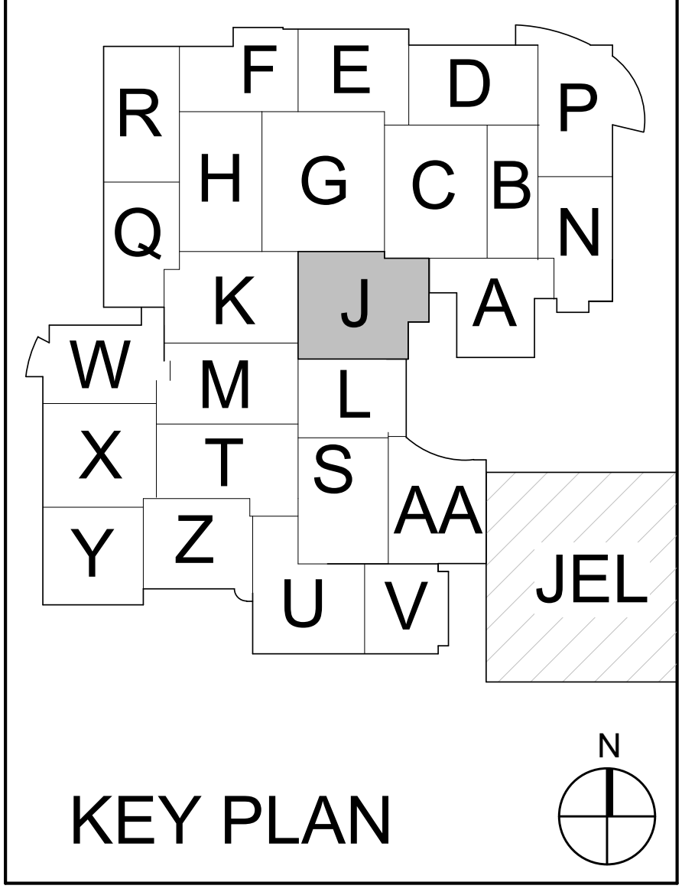
www.schmidt-arch.com

Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced D27 MJC

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Matthew Connolly
BICSI ID # 212593
EXPIRES 12-31-24
RCDD

#	Revision	Date
A2.3	Addendum 2.3	03/22/2023

1801 East 86th Street
Indianapolis, IN 46240



KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR DEMOLITION PLAN - UNIT J

TD1J2.3

TD1J2.3_ SECOND FLOOR DEMOLITION PLAN - UNIT J
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
Autodesk Docs://2020-26 Schmidt - MSDWT North Central Reno/2019-067.NCH_Sector1_T_2022_Central.rvt
3/22/2023 12:11:04 PM

GENERAL DEMO NOTES

- A CONTRACTOR SHALL DEMOLISH ALL EXISTING CABLING OUTLETS WITHIN THE CONSTRUCTION AREA. OUTLETS WITHIN AREAS THAT ARE TO REMAIN OCCUPIED SHALL BE PROTECTED IN PLACE UNTIL THE OUTLETS ARE NO LONGER REQUIRED.
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DEMOLITION TELECOM LEGEND

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# SR ▽	SURFACE RACEWAY DATA LOCATION (# REPRESENTS AMOUNT OF DATA PRESENT)
ETS ▼	EXISTING TEACHER STATION LOCATION
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AV2 ▼	AV INPUT - TYPE 2
CTL ▼	AV CONTROL LOCATION
CATV ▼	CABLE TELEVISION LOCATION
AV	AV FLOOR BOX LOCATION
DS	DIGITAL SIGNAGE LOCATION
MON ▽	MONITOR LOCATION
P	PROJECTOR LOCATION
STP	SHORT THROW PROJECTOR LOCATION
AB	PROMETHEAN ACTIVBOARD LOCATION
AP	WIRELESS ACCESS POINT - CEILING MOUNTED
AP ▽	WIRELESS ACCESS POINT - WALL MOUNTED
IR	IR MICROPHONE LOCATION
AUD ▽	AUDIO INPUT LOCATION
MIC ▽	MICROPHONE INPUT LOCATION
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SPK ▽	WALL MOUNTED SPEAKER LOCATION
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SC	SECURITY CAMERA - WALL MOUNTED
MS ▽	MOTION SENSOR LOCATION
WS	WATER PRESENCE SENSOR LOCATION
PB	PANIC BUTTON LOCATION
DR	DOOR RELEASE BUTTON LOCATION

SHEET NOTES

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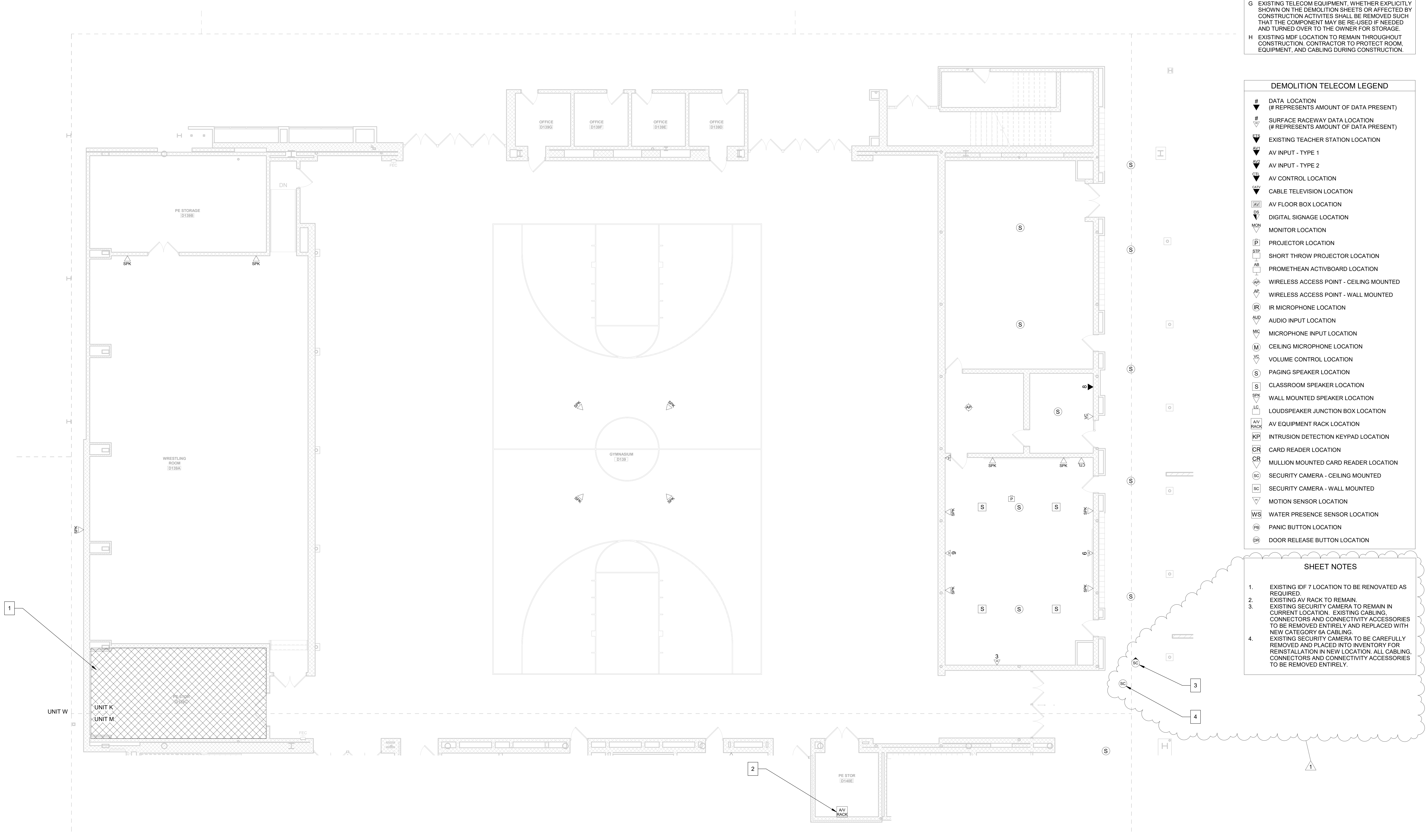

FIRST FLOOR DEMOLITION PLAN - UNIT K
1
1/8" = 1'-0"

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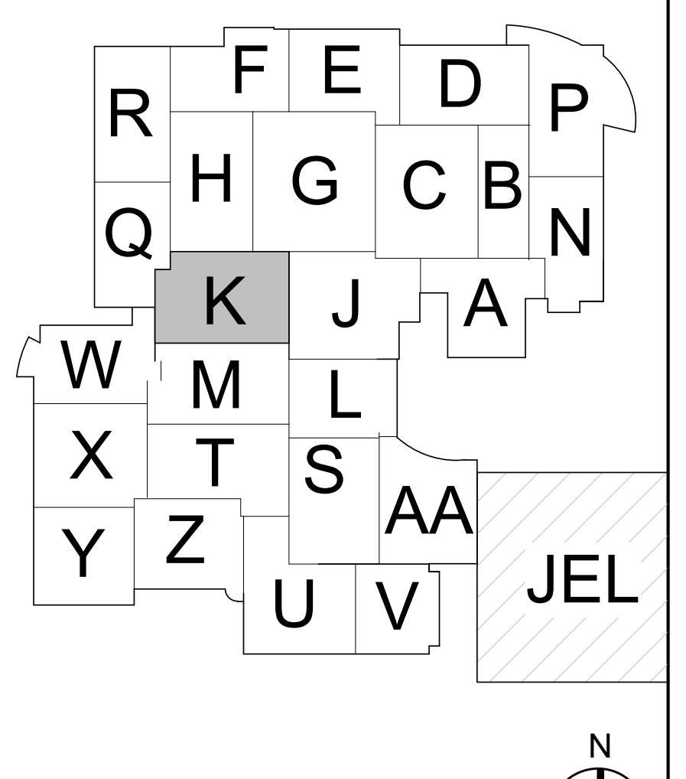


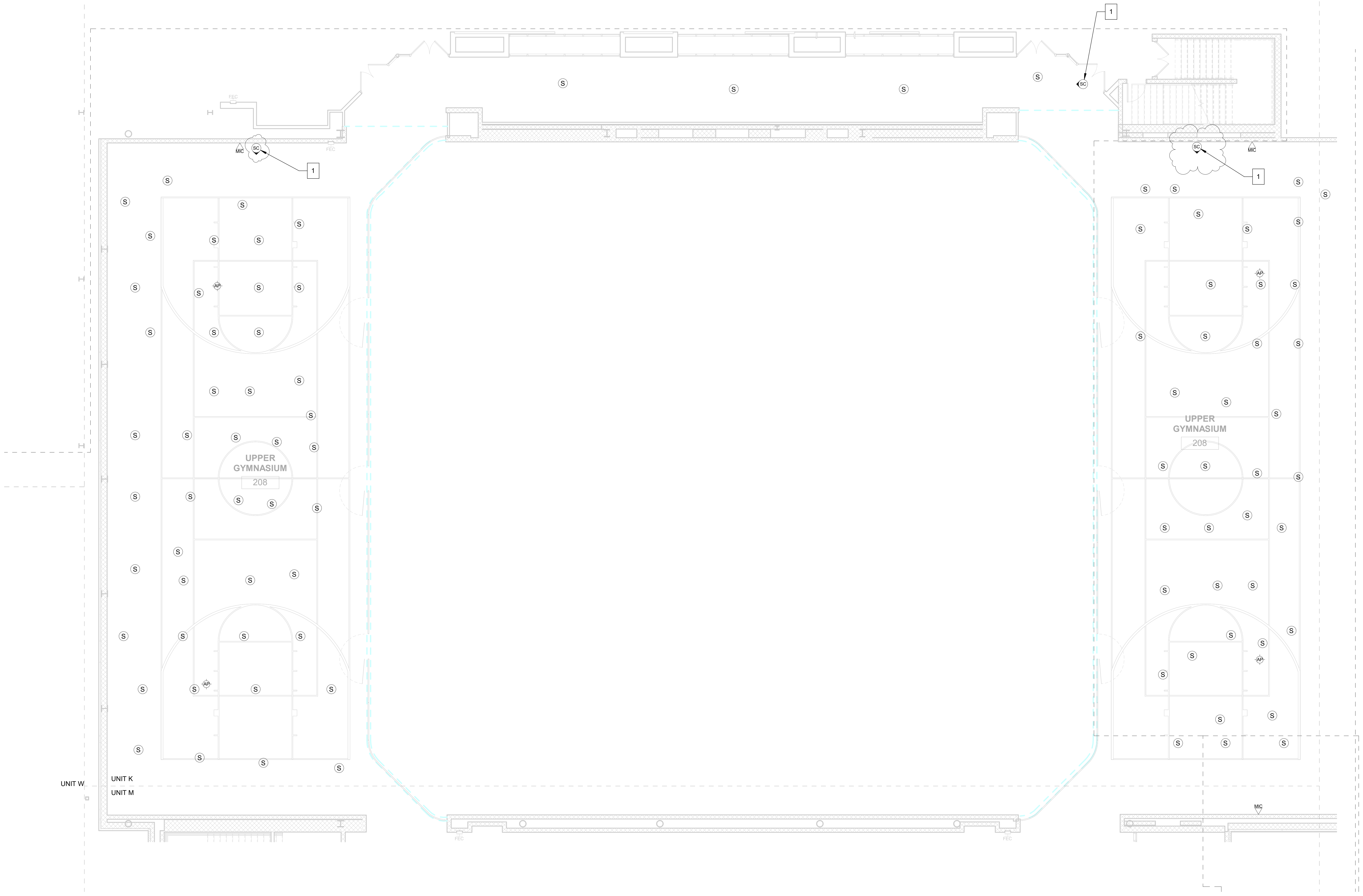
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR DEMO PLAN - UNIT K

TD1K1.3



① SECOND FLOOR DEMOLITION PLAN - UNIT K
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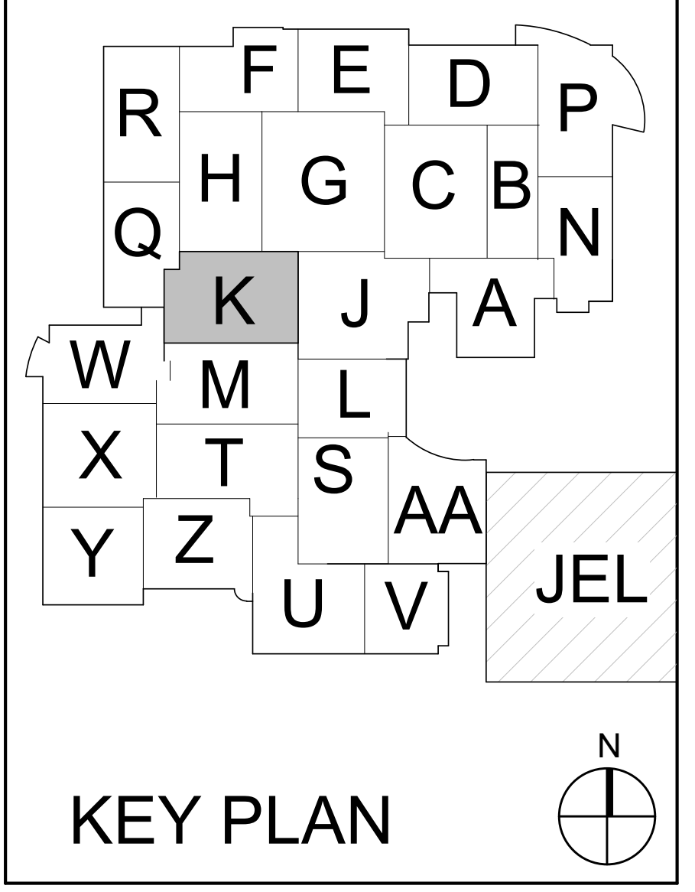


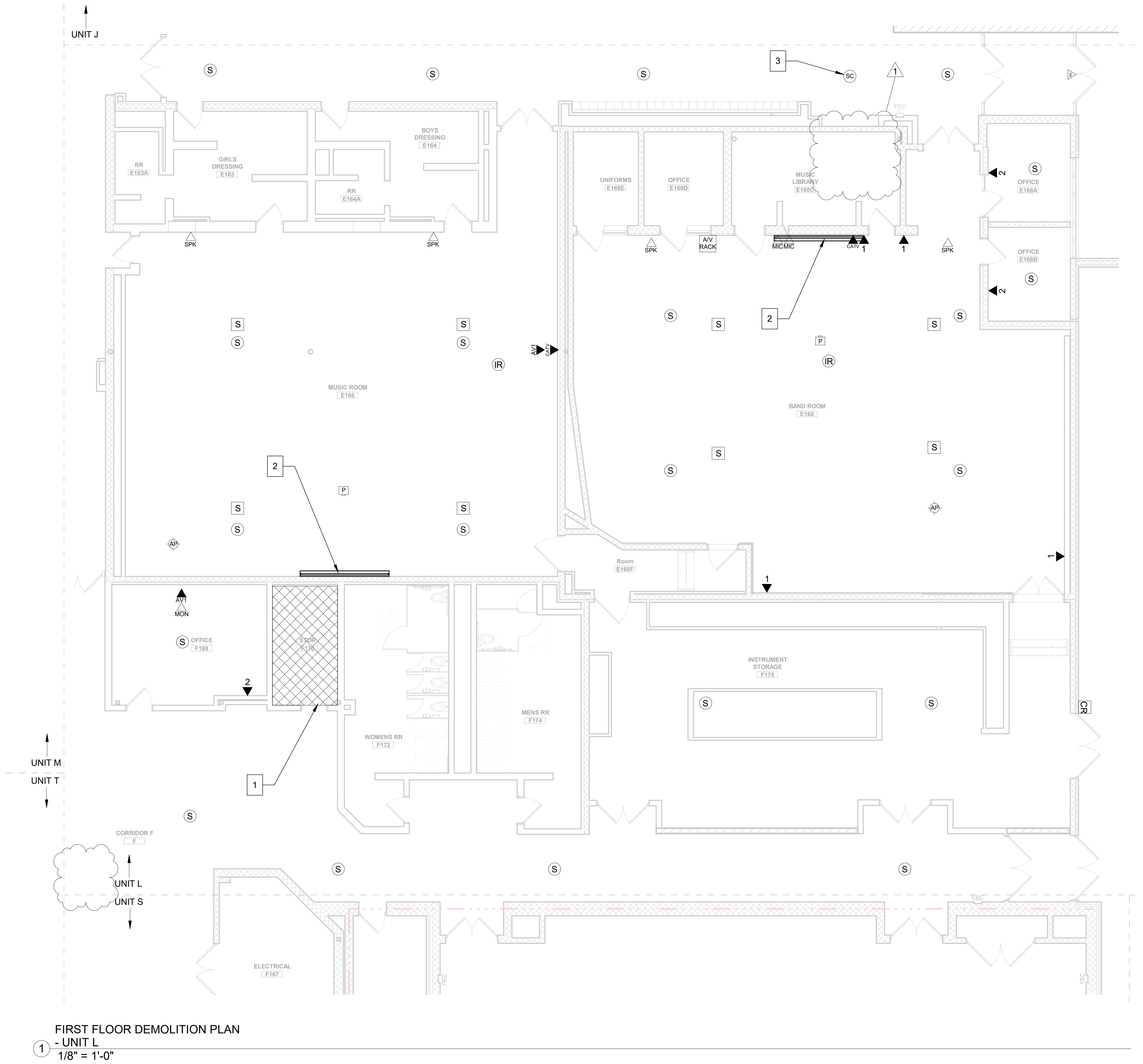
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR DEMO PLAN - UNIT K

TD1K2.3



FIRST FLOOR DEMOLITION PLAN
- UNIT L
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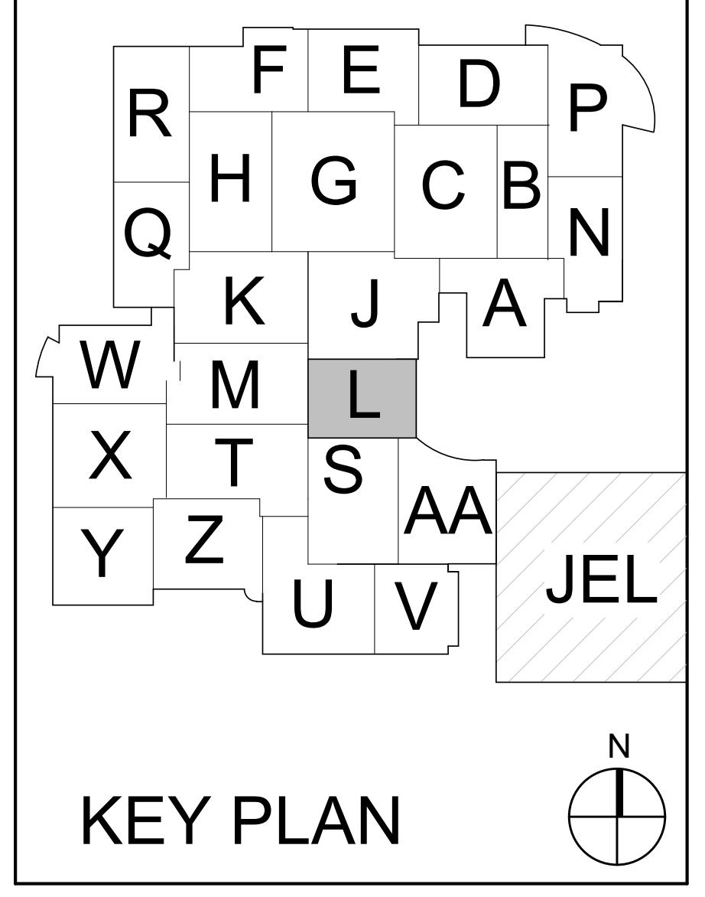

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR DEMO PLAN - UNIT L

TD1L1.3

TD1L1.3_ FIRST FLOOR DEMO PLAN - UNIT L
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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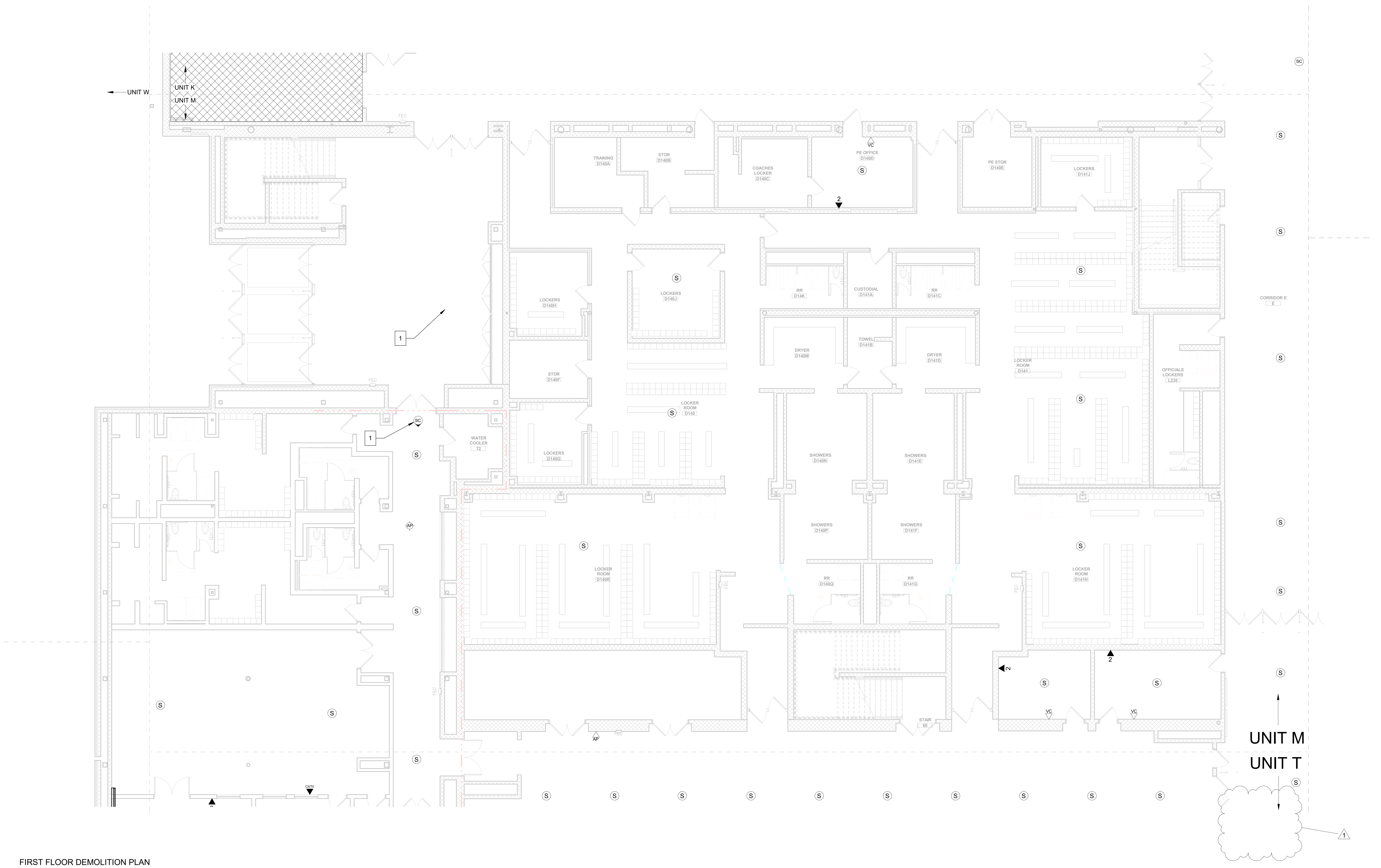

FIRST FLOOR DEMOLITION PLAN - UNIT M

1

1/8" = 1'-0"

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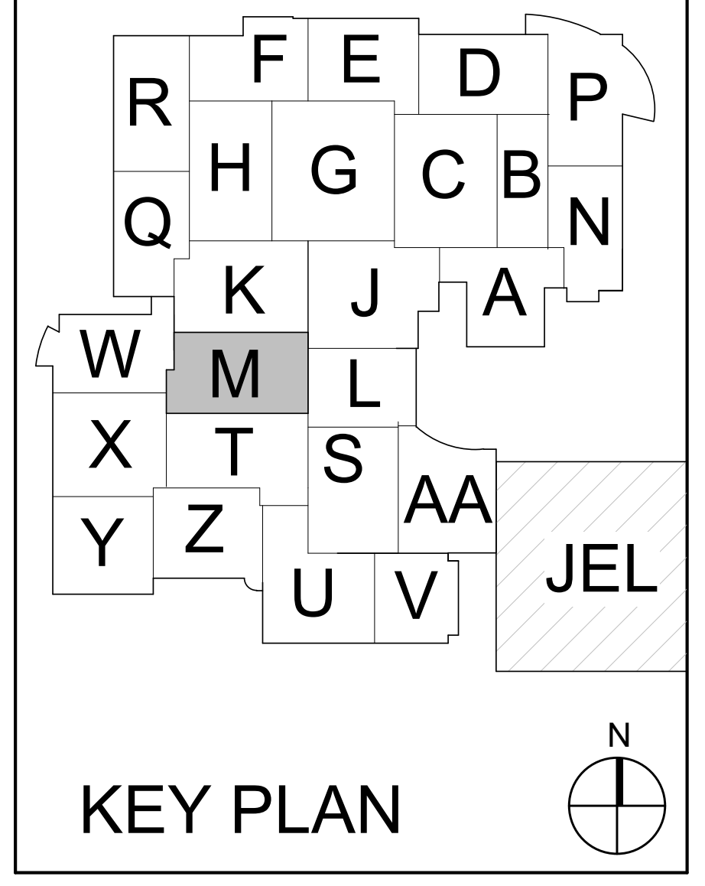

KEY PLAN

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North Central High School
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FIRST FLOOR DEMO PLAN - UNIT M

TD1M1.3

TD1M1.3_ FIRST FLOOR DEMO PLAN - UNIT M
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Autodesk Docs://2020-26 Schmidt - MSDWT North Central Reno/2019-067.NCH_Sector2_T_2022_Central.rvt
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SHEET NOTES

1. EXISTING SECURITY CAMERA TO BE CAREFULLY REMOVED AND PLACED INTO INVENTORY FOR REINSTALLATION IN NEW LOCATION. ALL CABLING, CONNECTORS AND CONNECTIVITY ACCESSORIES TO BE REMOVED ENTIRELY.

1

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ASSOCIATES
415 Massachusetts Avenue
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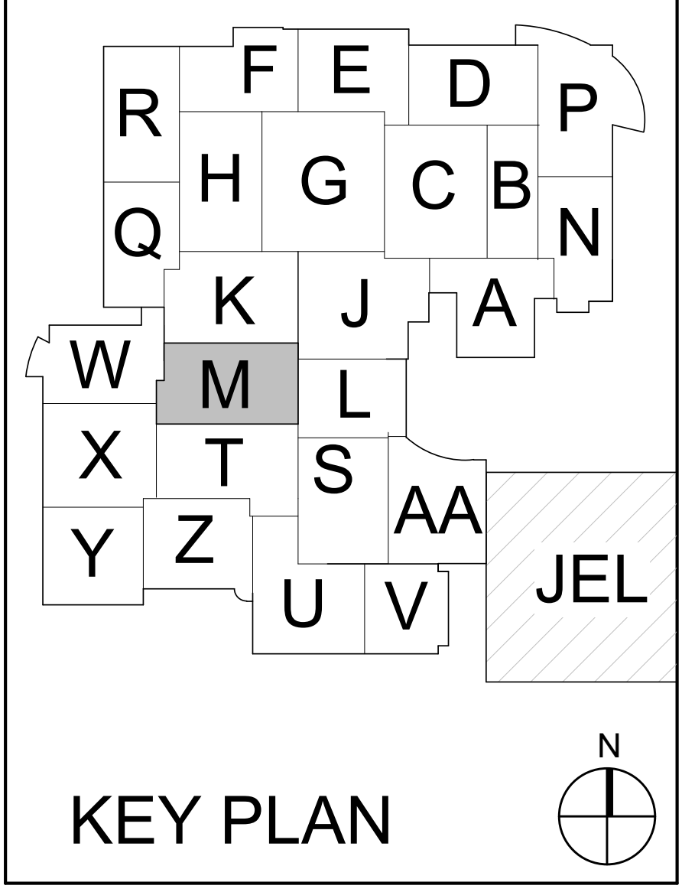
www.schmidt-arch.com

Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced D27 MJC

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Matthew Connolly
BICSI ID # 212593
EXPIRES 12-31-24
RCDD

#	Revision	Date
A2.3	Addendum 2.3	03.22.2023

1801 East 86th Street
Indianapolis, IN 46240



KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR DEMO PLAN - UNIT M

TD1M2.3

TD1N1.3_ FIRST FLOOR DEMOLITION PLAN - UNIT N
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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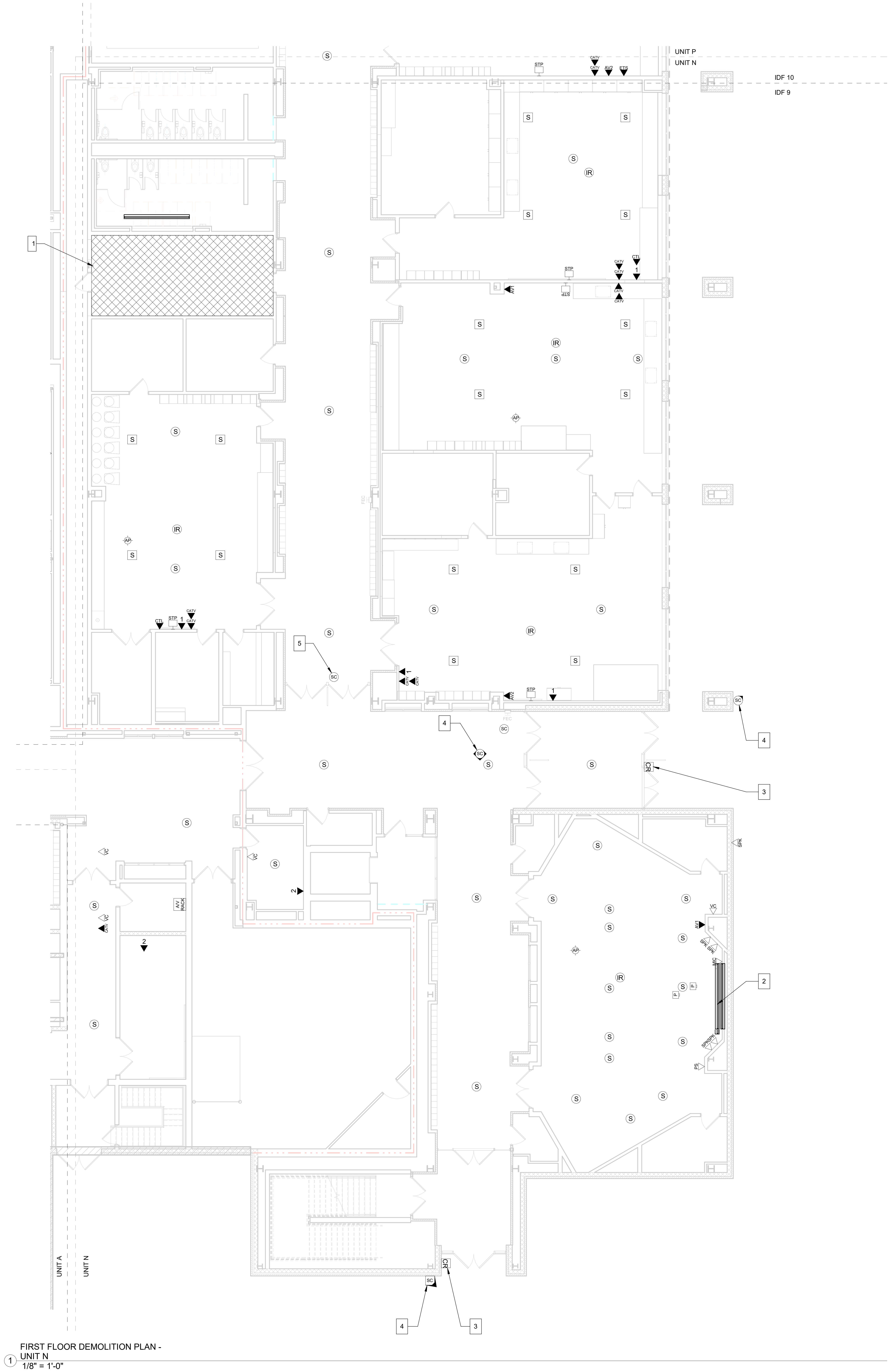

1 FIRST FLOOR DEMOLITION PLAN - UNIT N
1/8" = 1'-0"

GENERAL DEMO NOTES

A CONTRACTOR SHALL DEMOLISH ALL EXISTING CABLING OUTLETS WITHIN THE CONSTRUCTION AREA. OUTLETS WITHIN AREAS THAT ARE TO REMAIN OCCUPIED SHALL BE PROTECTED IN PLACE UNTIL THE OUTLETS ARE NO LONGER REQUIRED.

B DEMOLITION SHALL REQUIRE CABLING BE REMOVED IN IN ENTIRETY FROM THE WORK AREA OUTLET BACK TO THE POINT OF TERMINATION IN THE DESIGNATED TELECOM ROOM.

C ALL DEMOLITION SHALL BE COMPLETED ACCORDING TO THE DIVISION 27 SPECIFICATIONS.

D ALL EXISTING ALARM AND SECURITY SYSTEM COMPONENTS SERVING AREAS OCCUPIED DURING CONSTRUCTION SHALL REMAIN FULLY OPERATIONAL UNTIL AREA IS READY TO BEGIN DEMOLITION SCOPE. IN THE EVENT THAT CONSTRUCTION ACTIVITIES RESULT IN THE NEED TO SHUT DOWN ANY SECURITY SYSTEM OR COMPONENTS THEREOF, THE CONTRACTOR SHALL PROVIDE A MINIMUM 48 HOUR NOTICE TO THE OWNER SO THAT PROPER MEASURES MAY BE TAKEN

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F EXISTING AUDIO-VISUAL EQUIPMENT, WHETHER EXPLICTLY SHOWN ON THE DEMOLITION SHEETS OR AFFECTED BY CONSTRUCTION ACTIVITES SHALL BE REMOVED SUCH THAT THE COMPONENT MAY BE RE-USED IF NEEDED AND TURNED OVER TO THE OWNER FOR STORAGE.

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H EXISTING MDF LOCATION TO REMAIN THROUGHOUT CONSTRUCTION. CONTRACTOR TO PROTECT ROOM, EQUIPMENT, AND CABLING DURING CONSTRUCTION.

DEMOLITION TELECOM LEGEND

# ▼	DATA LOCATION (# REPRESENTS AMOUNT OF DATA PRESENT)
# SR ▽	SURFACE RACEWAY DATA LOCATION (# REPRESENTS AMOUNT OF DATA PRESENT)
ETS ▼	EXISTING TEACHER STATION LOCATION
AV1 ▼	AV INPUT - TYPE 1
AV2 ▼	AV INPUT - TYPE 2
CTL ▼	AV CONTROL LOCATION
CATV ▼	CABLE TELEVISION LOCATION
FB	FLOORBOX LOCATION
AV	AV FLOOR BOX LOCATION
DS ▼	DIGITAL SIGNAGE LOCATION
MON ▽	MONITOR LOCATION
P	PROJECTOR LOCATION
STP	SHORT THROW PROJECTOR LOCATION
AB	PROMETHEAN ACTIVBOARD LOCATION
AP	WIRELESS ACCESS POINT - CEILING MOUNTED
AP ▽	WIRELESS ACCESS POINT - WALL MOUNTED
C	CLOCK LOCATION
IR	IR MICROPHONE LOCATION
MIC ▽	MICROPHONE INPUT LOCATION
M	CEILING MICROPHONE LOCATION
VC ▽	VOLUME CONTROL LOCATION
CS ▽	CALL SWITCH LOCATION
Ⓢ	PAGING SPEAKER LOCATION
S	CLASSROOM SPEAKER LOCATION
SPK ▽	WALL MOUNTED SPEAKER LOCATION
A/V RACK	AV EQUIPMENT RACK LOCATION
KP	INTRUSION DETECTION KEYPAD LOCATION
CR	CARD READER LOCATION
CR ▽	MULLION MOUNTED CARD READER LOCATION
SC	SECURITY CAMERA - CEILING MOUNTED
SC	SECURITY CAMERA - WALL MOUNTED
MS ▽	MOTION SENSOR LOCATION
WS	WATER PRESENCE SENSOR LOCATION
PB	PANIC BUTTON LOCATION
DR	DOOR RELEASE BUTTON LOCATION

SHEET NOTES

1. EXISTING IDF 9 LOCATION. TO BE COMBINED WITH IDF 1 AND RELOCATED AS REQUIRED. REFER TO T100 SERIES FOR NEW LOCATION.
2. EXISTING CEILING PROJECTION SCREEN SHALL BE REMOVED AND TURNED OVER TO OWNER.
3. EXISTING CARD READER TO BE REMOVED. REMOVE REX MOTION SENSOR IF PRESENT. DOOR POSITION SENSOR TO REMAIN.
4. EXISTING SECURITY CAMERA TO REMAIN IN CURRENT LOCATION. EXISTING CABLING, CONNECTORS AND CONNECTIVITY ACCESSORIES TO BE REMOVED ENTIRELY AND REPLACED WITH NEW CATEGORY 6A CABLING.
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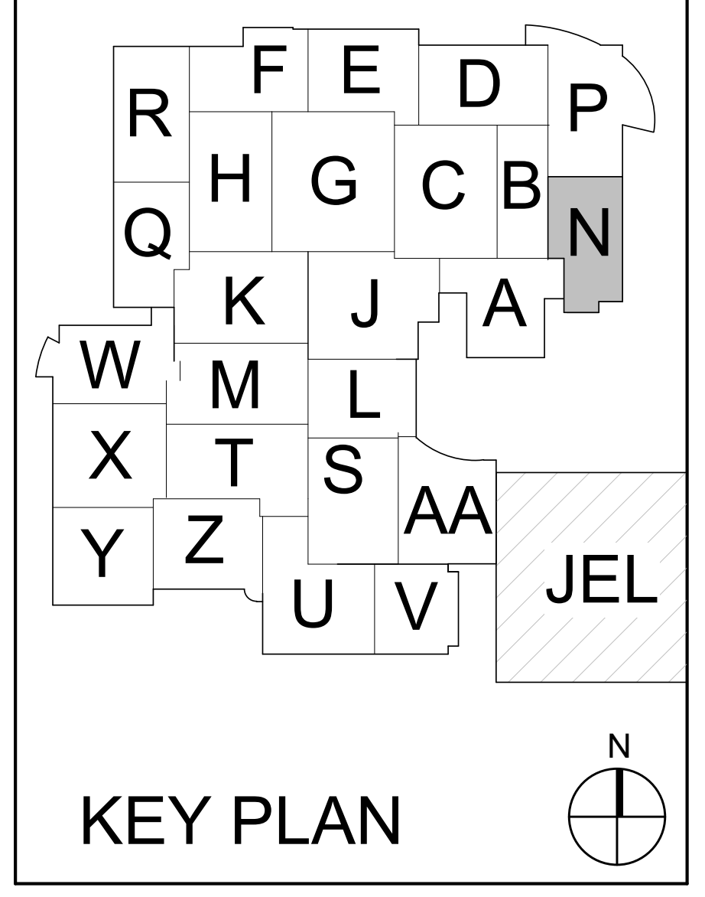

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR DEMOLITION PLAN - UNIT N

TD1N1.3

①
SECOND FLOOR DEMOLITION PLAN - UNIT N
1/8" = 1'-0"

GENERAL DEMO NOTES

- A CONTRACTOR SHALL DEMOLISH ALL EXISTING CABLING OUTLETS WITHIN THE CONSTRUCTION AREA. OUTLETS WITHIN AREAS THAT ARE TO REMAIN OCCUPIED SHALL BE PROTECTED IN PLACE UNTIL THE OUTLETS ARE NO LONGER REQUIRED.
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- C ALL DEMOLITION SHALL BE COMPLETED ACCORDING TO THE DIVISION 27 SPECIFICATIONS.
- D ALL EXISTING ALARM AND SECURITY SYSTEM COMPONENTS SERVING AREAS OCCUPIED DURING CONSTRUCTION SHALL REMAIN FULLY OPERATIONAL UNTIL AREA IS READY TO BEGIN DEMOLITION SCOPE. IN THE EVENT THAT CONSTRUCTION ACTIVITIES RESULT IN THE NEED TO SHUT DOWN ANY SECURITY SYSTEM OR COMPONENTS THEREOF, THE CONTRACTOR SHALL PROVIDE A MINIMUM 48 HOUR NOTICE TO THE OWNER SO THAT PROPER MEASURES MAY BE TAKEN
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DEMOLITION TELECOM LEGEND

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CTL ▼	AV CONTROL LOCATION
CATV ▼	CABLE TELEVISION LOCATION
FB	FLOORBOX LOCATION
AV	AV FLOOR BOX LOCATION
DS ▼	DIGITAL SIGNAGE LOCATION
MON ▽	MONITOR LOCATION
P	PROJECTOR LOCATION
STP	SHORT THROW PROJECTOR LOCATION
AB	PROMETHEAN ACTIVBOARD LOCATION
AP	WIRELESS ACCESS POINT - CEILING MOUNTED
AP ▽	WIRELESS ACCESS POINT - WALL MOUNTED
C	CLOCK LOCATION
IR	IR MICROPHONE LOCATION
MIC ▽	MICROPHONE INPUT LOCATION
M	CEILING MICROPHONE LOCATION
VC ▽	VOLUME CONTROL LOCATION
CS ▽	CALL SWITCH LOCATION
S	PAGING SPEAKER LOCATION
S	CLASSROOM SPEAKER LOCATION
SPK ▽	WALL MOUNTED SPEAKER LOCATION
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PB	PANIC BUTTON LOCATION
DR	DOOR RELEASE BUTTON LOCATION

SHEET NOTES

1. EXISTING CEILING PROJECTION SCREEN SHALL BE REMOVED AND TURNED OVER TO OWNER.
2. EXISTING IDF 19 LOCATION. TO BE RENOVATED AS REQUIRED.
3. EXISTING SECURITY CAMERA TO REMAIN IN CURRENT LOCATION. EXISTING CABLING, CONNECTORS AND CONNECTIVITY ACCESSORIES TO BE REMOVED ENTIRELY AND REPLACED WITH NEW CATEGORY 6A CABLING.

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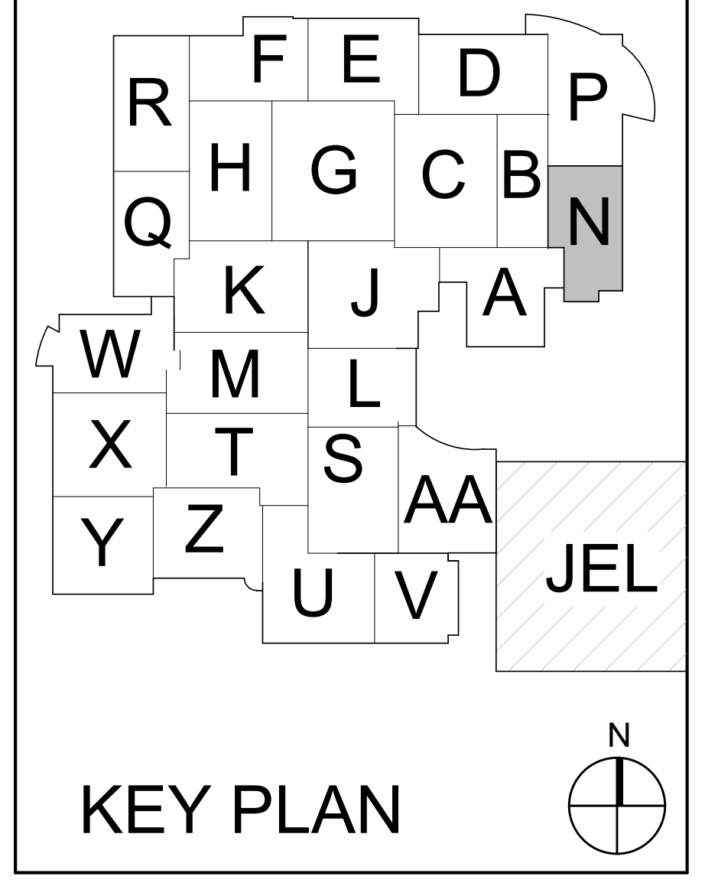


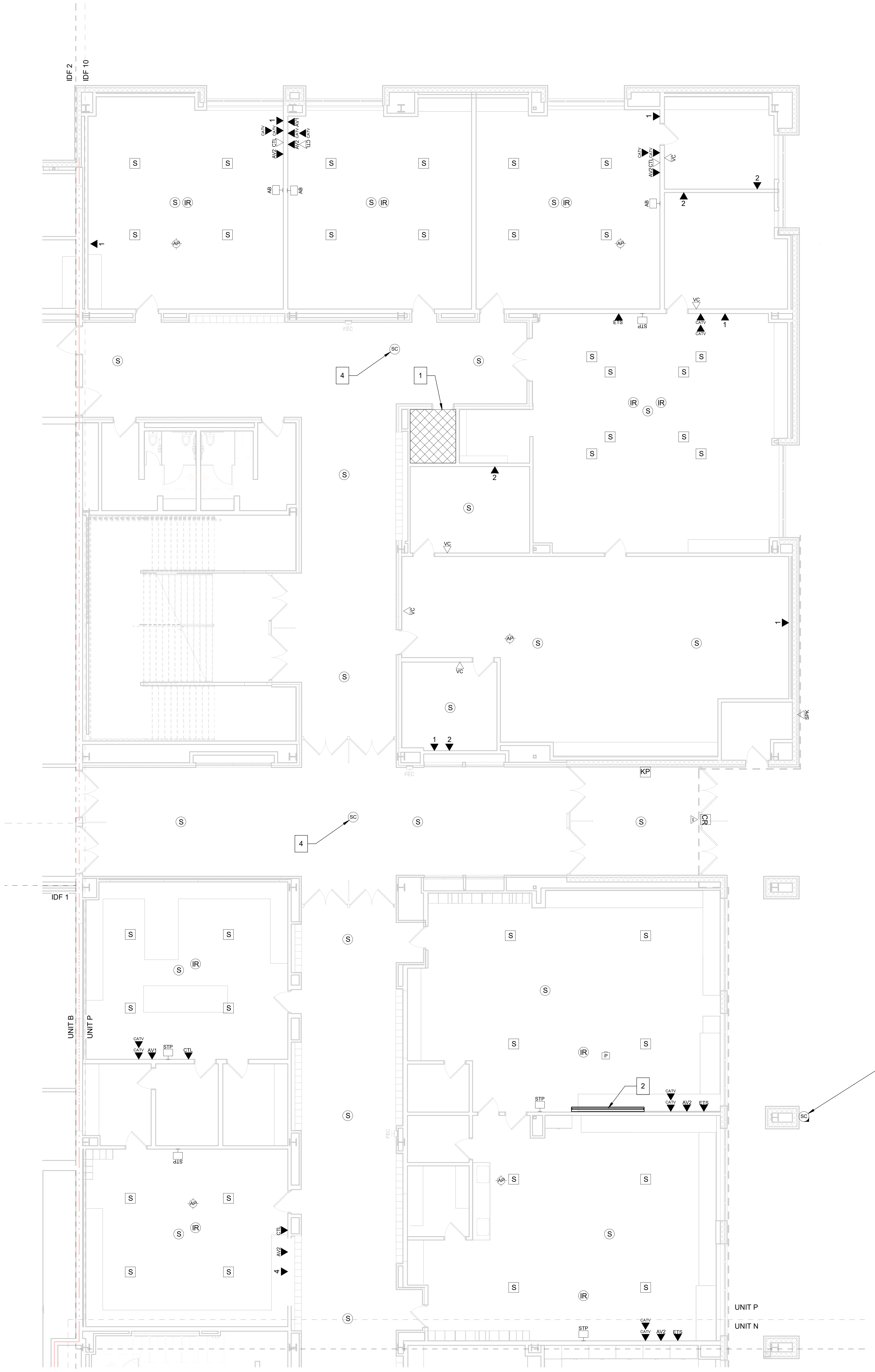
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR DEMOLITION PLAN - UNIT N

TD1N2.3



① FIRST FLOOR DEMOLITION PLAN - UNIT P
1/8" = 1'-0"

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SHEET NOTES

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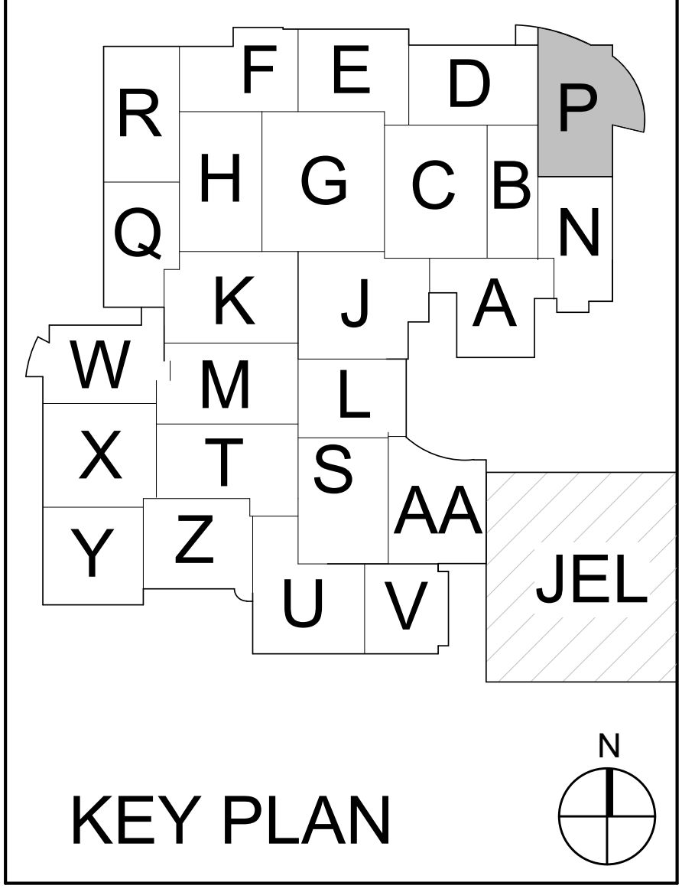

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR DEMOLITION PLAN - UNIT P

TD1P1.3

①SECOND FLOOR DEMOLITION PLAN - UNIT P
1/8" = 1'-0"

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AV2 ▼	AV INPUT - TYPE 2
CTL ▼	AV CONTROL LOCATION
CATV ▼	CABLE TELEVISION LOCATION
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SHEET NOTES

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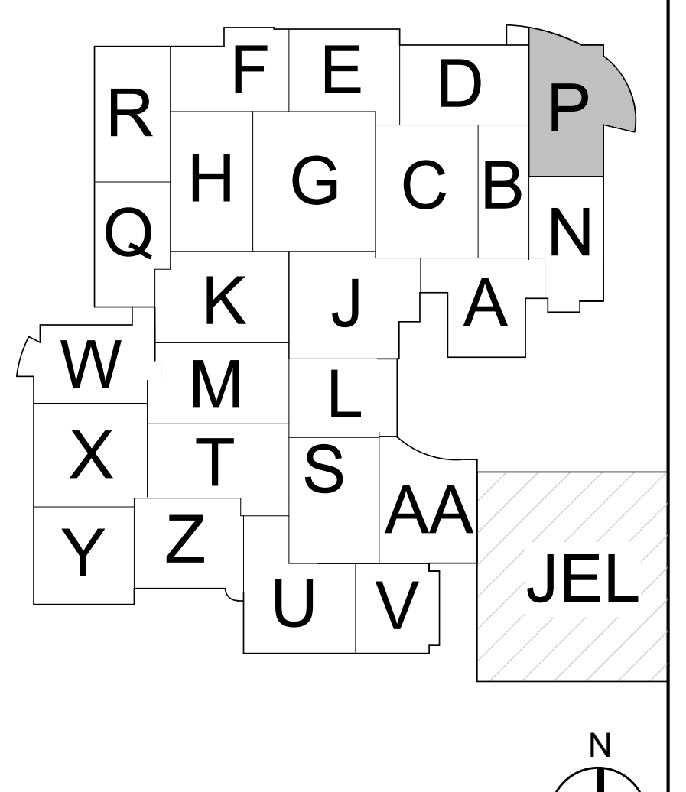

KEY PLAN

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North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR DEMOLITION PLAN - UNIT P

TD1P2.3

FIRST FLOOR DEMOLITION PLAN - UNIT Q

① 1/8" = 1'-0"

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CR ▽	MULLION MOUNTED CARD READER LOCATION
SC	SECURITY CAMERA - CEILING MOUNTED
SC	SECURITY CAMERA - WALL MOUNTED
▽ MS	MOTION SENSOR LOCATION
WS	WATER PRESENCE SENSOR LOCATION
PB	PANIC BUTTON LOCATION
DR	DOOR RELEASE BUTTON LOCATION

SHEET NOTES

1. EXISTING IDF 11 LOCATION TO BE RENOVATED IN PLACE.
2. EXISTING CEILING PROJECTION SCREEN SHALL BE REMOVED AND TURNED OVER TO OWNER.
3. EXISTING CARD READER AND DOOR POSITION SENSOR TO REMAIN. REMOVE REX MOTION SENSOR IF PRESENT.
4. EXISTING SECURITY CAMERA TO REMAIN IN CURRENT LOCATION. EXISTING CABLING, CONNECTORS AND CONNECTIVITY ACCESSORIES TO BE REMOVED ENTIRELY AND REPLACED WITH NEW CATEGORY 6A CABLING.

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Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced D27 MJC

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Matthew Connolly
BICSI ID # 212593
EXPIRES 12-31-24
RCDD

#	Revision	Date
A2.3	Addendum 2.3	03/22/2023

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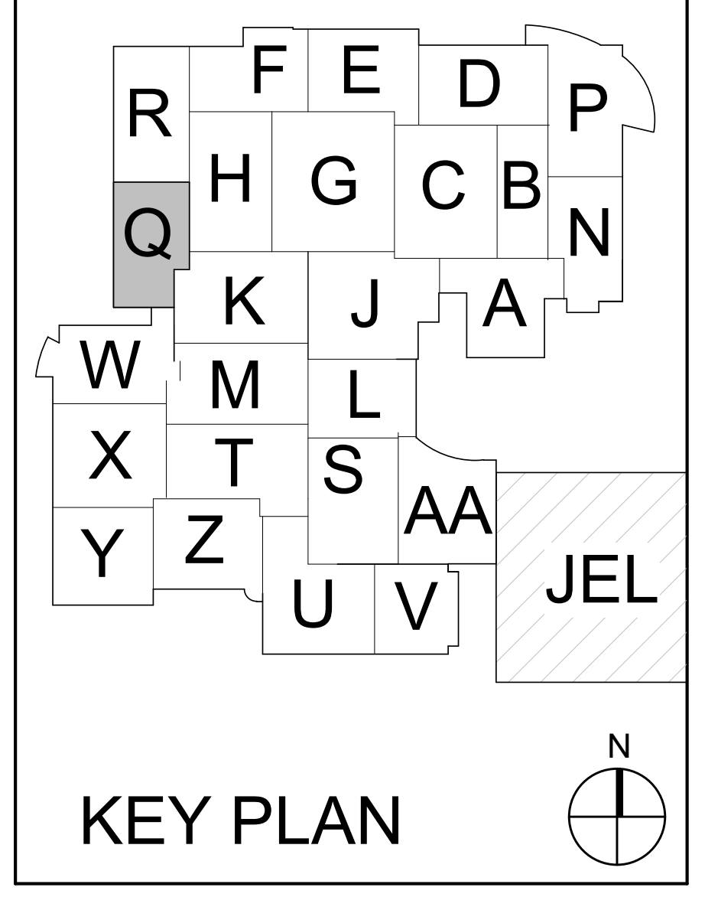

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR DEMOLITION PLAN - UNIT Q

TD1Q1.3

TD1Q1.3_ FIRST FLOOR DEMOLITION PLAN - UNIT Q
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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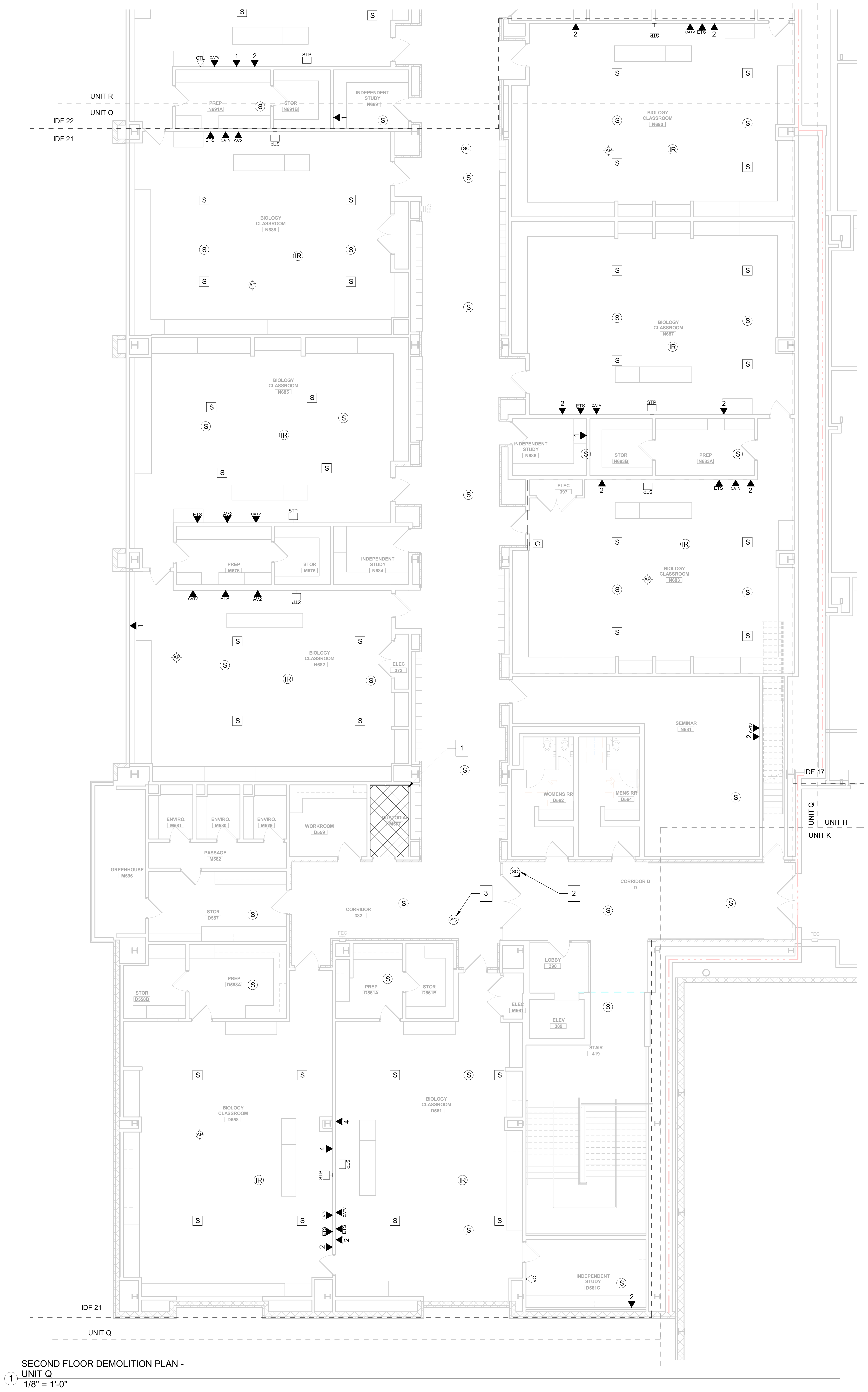

SECOND FLOOR DEMOLITION PLAN - UNIT Q

① 1/8" = 1'-0"

GENERAL DEMO NOTES

A CONTRACTOR SHALL DEMOLISH ALL EXISTING CABLING OUTLETS WITHIN THE CONSTRUCTION AREA. OUTLETS WITHIN AREAS THAT ARE TO REMAIN OCCUPIED SHALL BE PROTECTED IN PLACE UNTIL THE OUTLETS ARE NO LONGER REQUIRED.

B DEMOLITION SHALL REQUIRE CABLING BE REMOVED IN IN ENTIRETY FROM THE WORK AREA OUTLET BACK TO THE POINT OF TERMINATION IN THE DESIGNATED TELECOM ROOM.

C ALL DEMOLITION SHALL BE COMPLETED ACCORDING TO THE DIVISION 27 SPECIFICATIONS.

D ALL EXISTING ALARM AND SECURITY SYSTEM COMPONENTS SERVING AREAS OCCUPIED DURING CONSTRUCTION SHALL REMAIN FULLY OPERATIONAL UNTIL AREA IS READY TO BEGIN DEMOLITION SCOPE. IN THE EVENT THAT CONSTRUCTION ACTIVITIES RESULT IN THE NEED TO SHUT DOWN ANY SECURITY SYSTEM OR COMPONENTS THEREOF, THE CONTRACTOR SHALL PROVIDE A MINIMUM 48 HOUR NOTICE TO THE OWNER SO THAT PROPER MEASURES MAY BE TAKEN

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H EXISTING MDF LOCATION TO REMAIN THROUGHOUT CONSTRUCTION. CONTRACTOR TO PROTECT ROOM, EQUIPMENT, AND CABLING DURING CONSTRUCTION.

DEMOLITION TELECOM LEGEND

# ▼	DATA LOCATION (# REPRESENTS AMOUNT OF DATA PRESENT)
# SR ▽	SURFACE RACEWAY DATA LOCATION (# REPRESENTS AMOUNT OF DATA PRESENT)
ETS ▼	EXISTING TEACHER STATION LOCATION
AV1 ▼	AV INPUT - TYPE 1
AV2 ▼	AV INPUT - TYPE 2
CTL ▼	AV CONTROL LOCATION
CATV ▼	CABLE TELEVISION LOCATION
FB	FLOORBOX LOCATION
AV	AV FLOOR BOX LOCATION
DS ▼	DIGITAL SIGNAGE LOCATION
MON ▽	MONITOR LOCATION
P	PROJECTOR LOCATION
STP	SHORT THROW PROJECTOR LOCATION
AB	PROMETHEAN ACTIVBOARD LOCATION
AP	WIRELESS ACCESS POINT - CEILING MOUNTED
AP ▽	WIRELESS ACCESS POINT - WALL MOUNTED
C	CLOCK LOCATION
IR	IR MICROPHONE LOCATION
MIC ▽	MICROPHONE INPUT LOCATION
M	CEILING MICROPHONE LOCATION
VC ▽	VOLUME CONTROL LOCATION
CS ▽	CALL SWITCH LOCATION
S	PAGING SPEAKER LOCATION
S	CLASSROOM SPEAKER LOCATION
SPK ▽	WALL MOUNTED SPEAKER LOCATION
A/V RACK	AV EQUIPMENT RACK LOCATION
KP	INTRUSION DETECTION KEYPAD LOCATION
CR	CARD READER LOCATION
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SC	SECURITY CAMERA - WALL MOUNTED
MS ▽	MOTION SENSOR LOCATION
WS	WATER PRESENCE SENSOR LOCATION
PB	PANIC BUTTON LOCATION
DR	DOOR RELEASE BUTTON LOCATION

SHEET NOTES

1. EXISTING IDF 21 LOCATION. TO BE RELOCATED AS REQUIRED. REFER TO T100 SERIES FOR NEW LOCATION.
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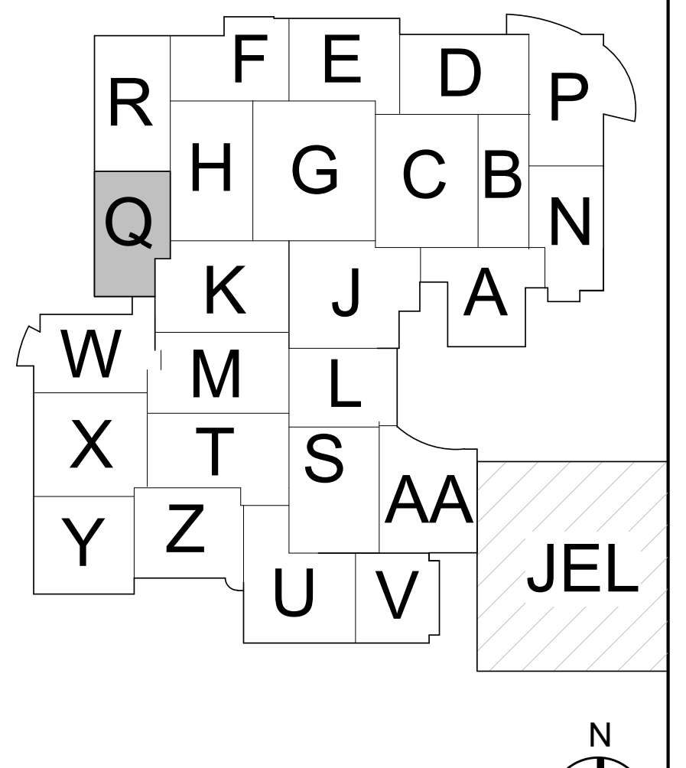


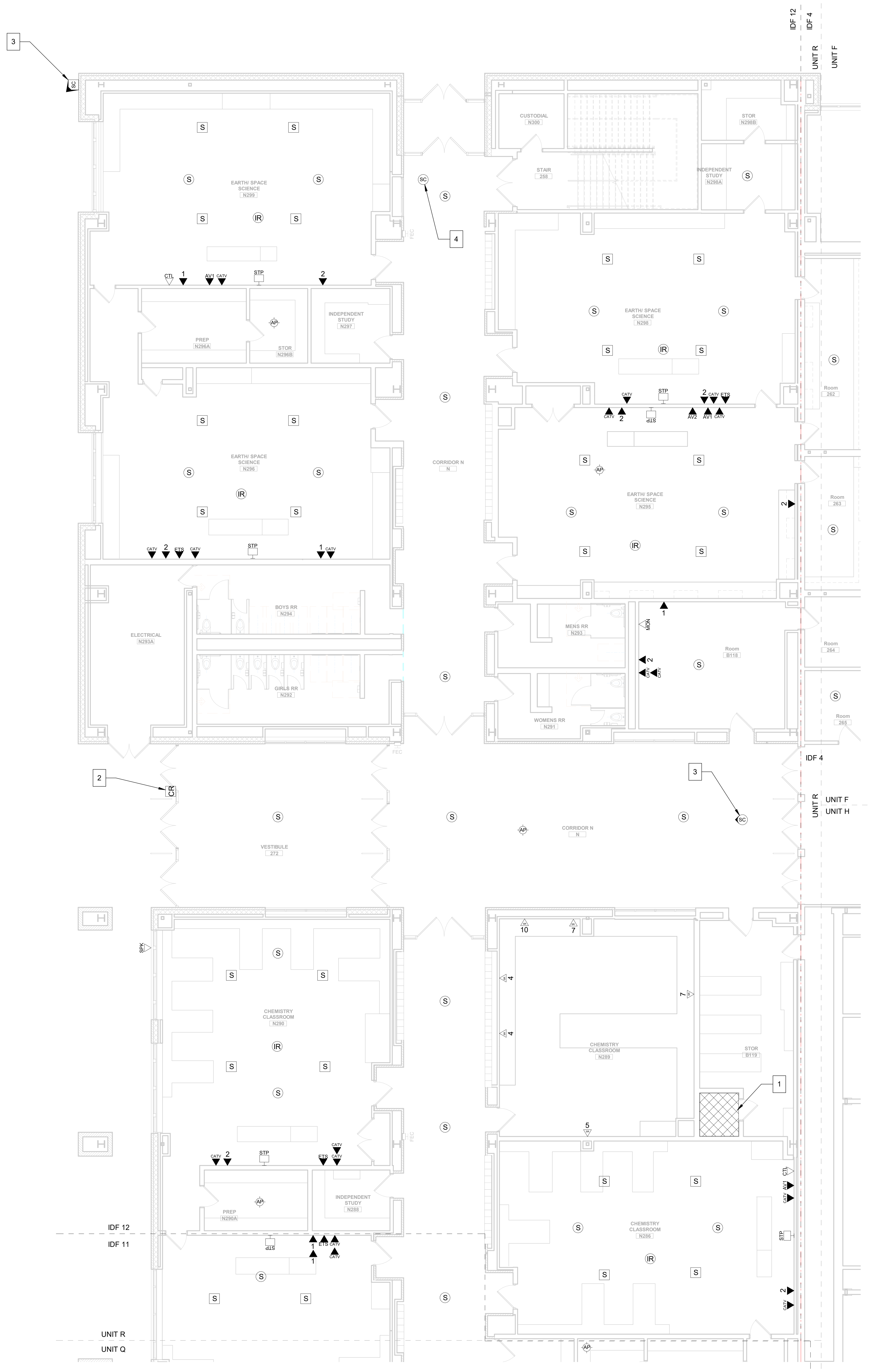
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR DEMOLITION PLAN - UNIT Q

TD1Q2.3



① FIRST FLOOR DEMOLITION PLAN - UNIT R
1/8" = 1'-0"

GENERAL DEMO NOTES

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CTL ▼	AV CONTROL LOCATION
CATV ▼	CABLE TELEVISION LOCATION
FB	FLOORBOX LOCATION
AV	AV FLOOR BOX LOCATION
DS ▼	DIGITAL SIGNAGE LOCATION
MON ▽	MONITOR LOCATION
P	PROJECTOR LOCATION
STP	SHORT THROW PROJECTOR LOCATION
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AP	WIRELESS ACCESS POINT - CEILING MOUNTED
AP ▽	WIRELESS ACCESS POINT - WALL MOUNTED
C	CLOCK LOCATION
IR	IR MICROPHONE LOCATION
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VC ▽	VOLUME CONTROL LOCATION
CS ▽	CALL SWITCH LOCATION
S	PAGING SPEAKER LOCATION
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MS ▽	MOTION SENSOR LOCATION
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PB	PANIC BUTTON LOCATION
DR	DOOR RELEASE BUTTON LOCATION

SHEET NOTES

1. EXISTING IDF 12 LOCATION TO BE RENOVATED IN PLACE.
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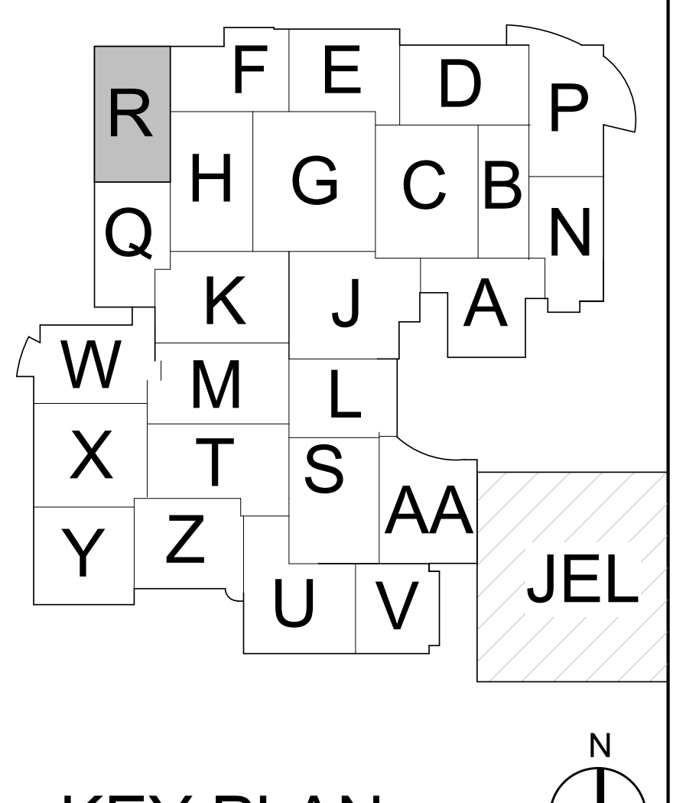

KEY PLAN

M.S.D. of Washington Township

North Central High School Renovation - Additions Phase 3

FIRST FLOOR DEMOLITION PLAN - UNIT R

TD1R1.3

SECOND FLOOR DEMOLITION PLAN - UNIT R
① 1/8" = 1'-0"

GENERAL DEMO NOTES

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CATV ▼	CABLE TELEVISION LOCATION
FB	FLOORBOX LOCATION
AV	AV FLOOR BOX LOCATION
DS ▼	DIGITAL SIGNAGE LOCATION
MON ▽	MONITOR LOCATION
P	PROJECTOR LOCATION
STP	SHORT THROW PROJECTOR LOCATION
AB	PROMETHEAN ACTIVBOARD LOCATION
AP	WIRELESS ACCESS POINT - CEILING MOUNTED
AP ▽	WIRELESS ACCESS POINT - WALL MOUNTED
Ⓒ	CLOCK LOCATION
IR	IR MICROPHONE LOCATION
MIC ▽	MICROPHONE INPUT LOCATION
Ⓜ	CEILING MICROPHONE LOCATION
VC ▽	VOLUME CONTROL LOCATION
CS ▽	CALL SWITCH LOCATION
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S	CLASSROOM SPEAKER LOCATION
SPK ▽	WALL MOUNTED SPEAKER LOCATION
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WS	WATER PRESENCE SENSOR LOCATION
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SHEET NOTES

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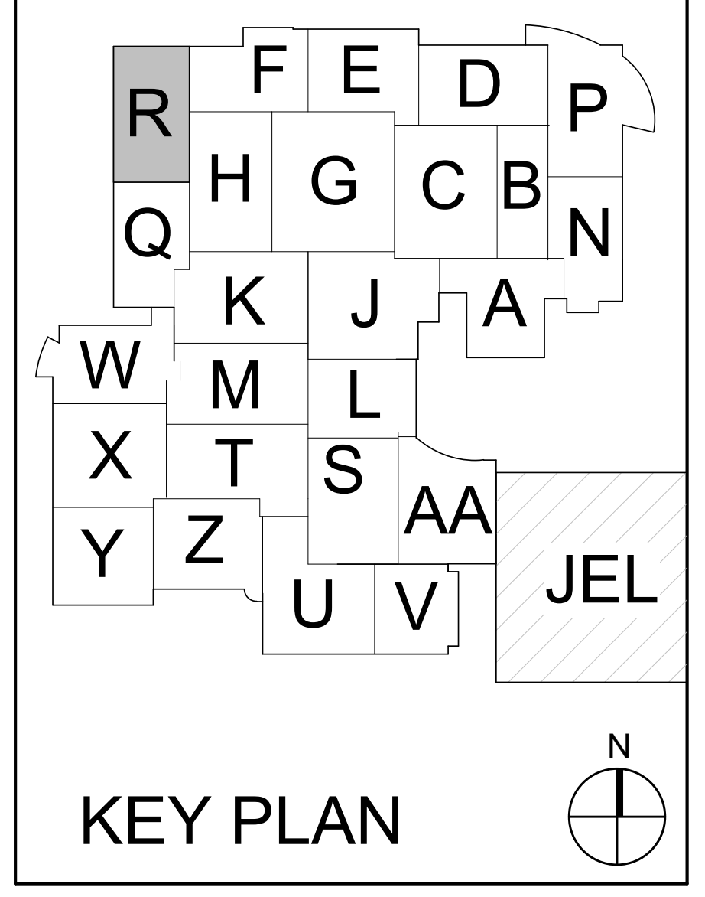


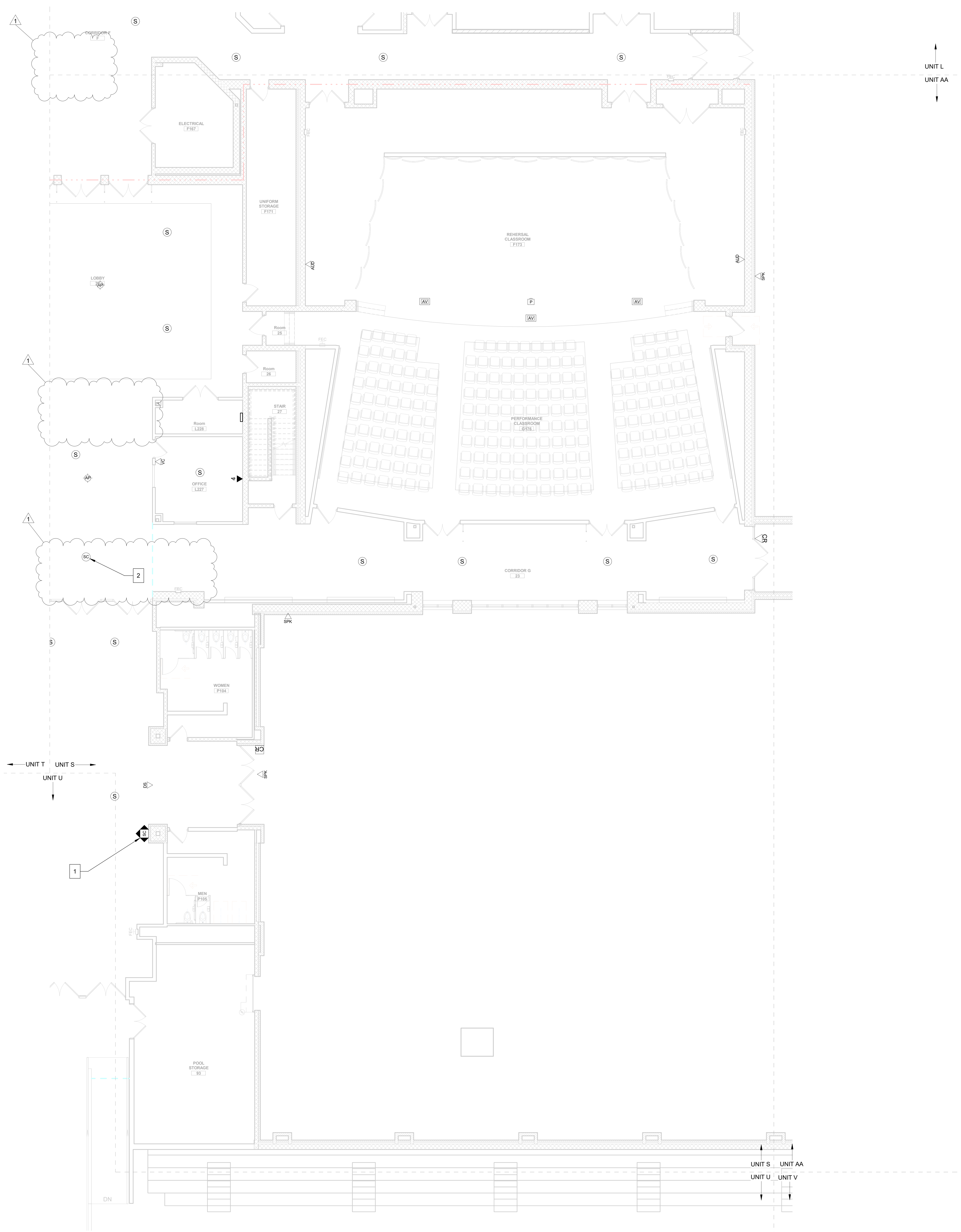
KEY PLAN

M.S.D. of Washington Township

North Central High School Renovation - Additions Phase 3

SECOND FLOOR DEMOLITION PLAN - UNIT R

TD1R2.3



1 FIRST FLOOR DEMOLITION PLAN - UNIT S
1/8" = 1'-0"

GENERAL DEMO NOTES

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AV1 ▼	AV INPUT - TYPE 1
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AV	AV FLOOR BOX LOCATION
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AP	WIRELESS ACCESS POINT - CEILING MOUNTED
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IR	IR MICROPHONE LOCATION
AUD ▽	AUDIO INPUT LOCATION
MIC ▽	MICROPHONE INPUT LOCATION
M	CEILING MICROPHONE LOCATION
VC ▽	VOLUME CONTROL LOCATION
S	PAGING SPEAKER LOCATION
S	CLASSROOM SPEAKER LOCATION
SPK ▽	WALL MOUNTED SPEAKER LOCATION
LC	LOUDSPEAKER JUNCTION BOX LOCATION
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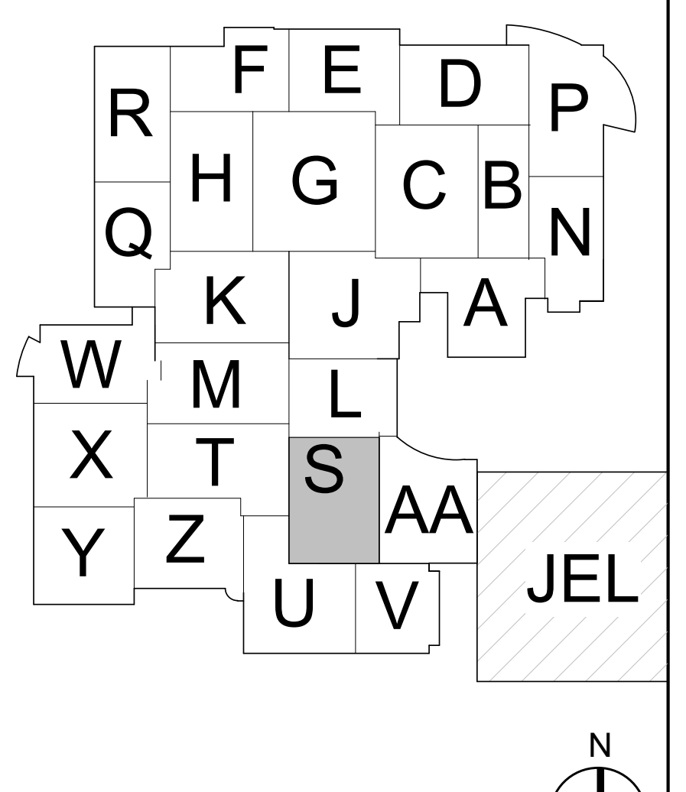


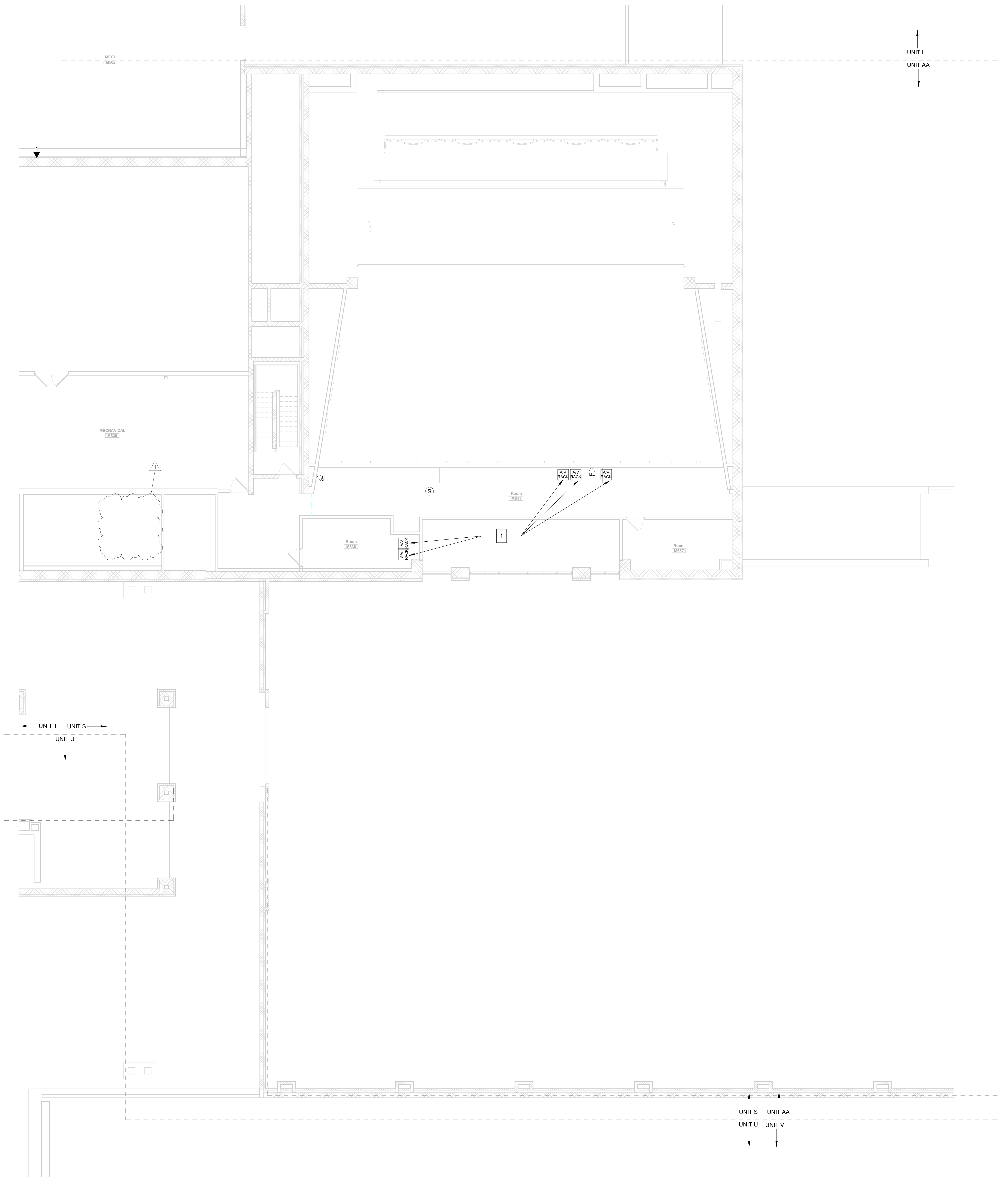
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR DEMO PLAN - UNIT S

TD1S1.3



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DEMOLITION TELECOM LEGEND

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M	CEILING MICROPHONE LOCATION
VC ▽	VOLUME CONTROL LOCATION
S	PAGING SPEAKER LOCATION
S	CLASSROOM SPEAKER LOCATION
SPK ▽	WALL MOUNTED SPEAKER LOCATION
LC	LOUDSPEAKER JUNCTION BOX LOCATION
A/V RACK	AV EQUIPMENT RACK LOCATION
KP	INTRUSION DETECTION KEYPAD LOCATION
CR	CARD READER LOCATION
CR ▽	MULLION MOUNTED CARD READER LOCATION
SC	SECURITY CAMERA - CEILING MOUNTED
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WS	WATER PRESENCE SENSOR LOCATION
PB	PANIC BUTTON LOCATION
DR	DOOR RELEASE BUTTON LOCATION

SHEET NOTES

1. EXISTING AV RACKS. COORDINATE WITH AV CONSULTANT FOR PERFORMING ARTS AREA REGARDING POTENTIAL REUSE.

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Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced D27 MJC

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Matthew Connolly
BICSI ID # 212593
EXPIRES 12-31-24
RCDD

#	Revision	Date
A2.3	Addendum 2.3	03.22.2023

1801 East 86th Street
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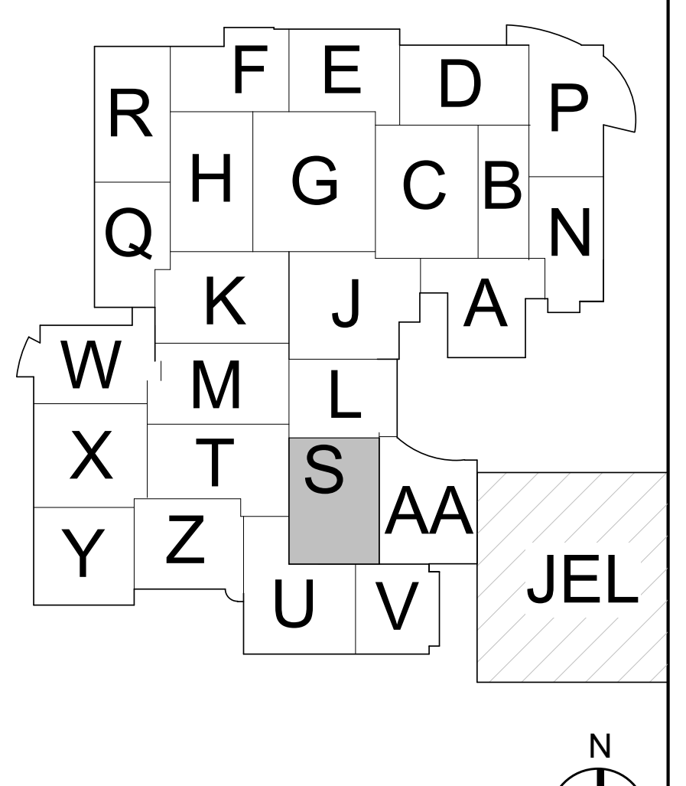

KEY PLAN

M.S.D. of Washington Township

North Central High School Renovation - Additions Phase 3

SECOND FLOOR DEMO PLAN - UNIT S

TD1S2.3

TD1S2.3_ SECOND FLOOR DEMO PLAN - UNIT S
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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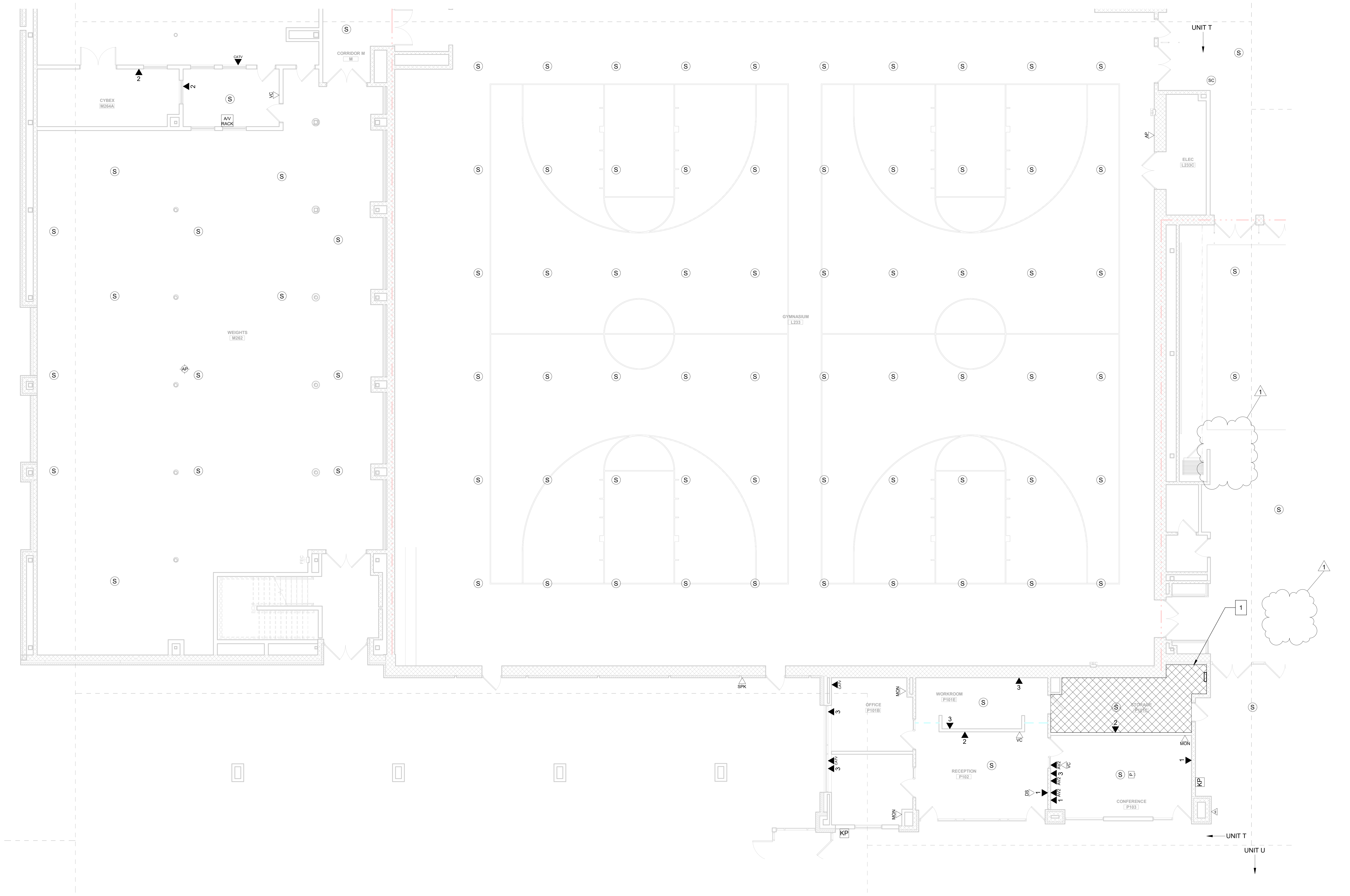

FIRST FLOOR DEMOLITION PLAN - UNIT T

① 1/8" = 1'-0"

GENERAL DEMO NOTES

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DEMOLITION TELECOM LEGEND

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# SR ▽	SURFACE RACEWAY DATA LOCATION (# REPRESENTS AMOUNT OF DATA PRESENT)
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AV2 ▼	AV INPUT - TYPE 2
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CATV ▼	CABLE TELEVISION LOCATION
AV	AV FLOOR BOX LOCATION
DS ▼	DIGITAL SIGNAGE LOCATION
MON ▽	MONITOR LOCATION
P	PROJECTOR LOCATION
STP	SHORT THROW PROJECTOR LOCATION
AB	PROMETHEAN ACTIVBOARD LOCATION
AP	WIRELESS ACCESS POINT - CEILING MOUNTED
AP ▽	WIRELESS ACCESS POINT - WALL MOUNTED
IR	IR MICROPHONE LOCATION
AUD ▽	AUDIO INPUT LOCATION
MIC ▽	MICROPHONE INPUT LOCATION
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MS ▽	MOTION SENSOR LOCATION
WS	WATER PRESENCE SENSOR LOCATION
PB	PANIC BUTTON LOCATION
DR	DOOR RELEASE BUTTON LOCATION

SHEET NOTES

1. EXISTING IDF 24 LOCATION. TO BE RENOVATED AS REQUIRED.
2. EXISTING SECURITY CAMERA TO BE CAREFULLY REMOVED AND PLACED INTO INVENTORY FOR REINSTALLATION IN NEW LOCATION. ALL CABLING, CONNECTORS AND CONNECTIVITY ACCESSORIES TO BE REMOVED ENTIRELY.

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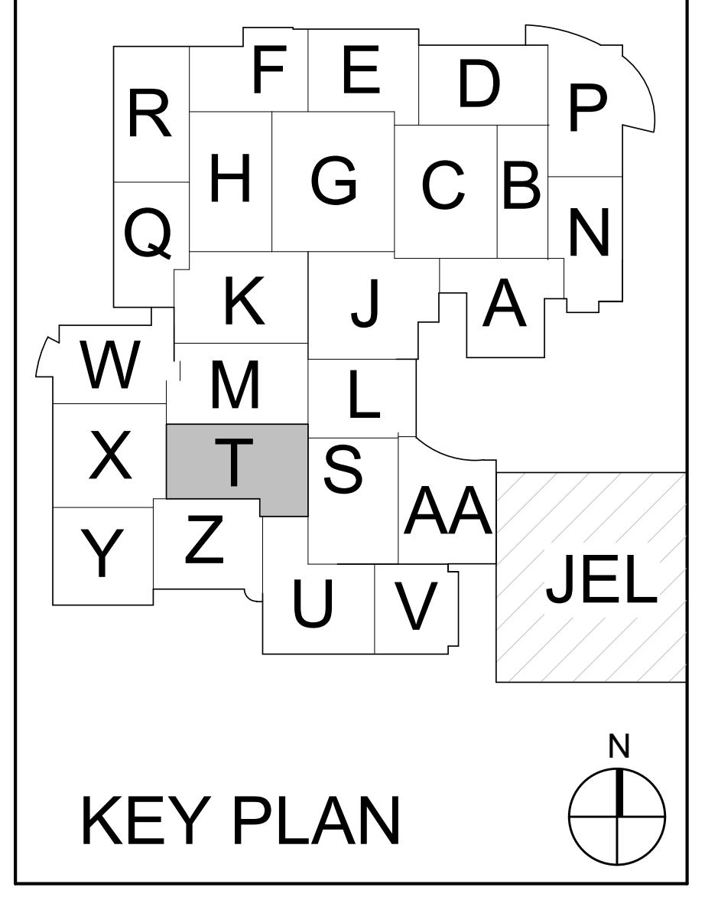

KEY PLAN

M.S.D. of Washington Township

North Central High School Renovation - Additions Phase 3

FIRST FLOOR DEMO PLAN - UNIT T

TD1T1.3

TD1T1.3_ FIRST FLOOR DEMO PLAN - UNIT T
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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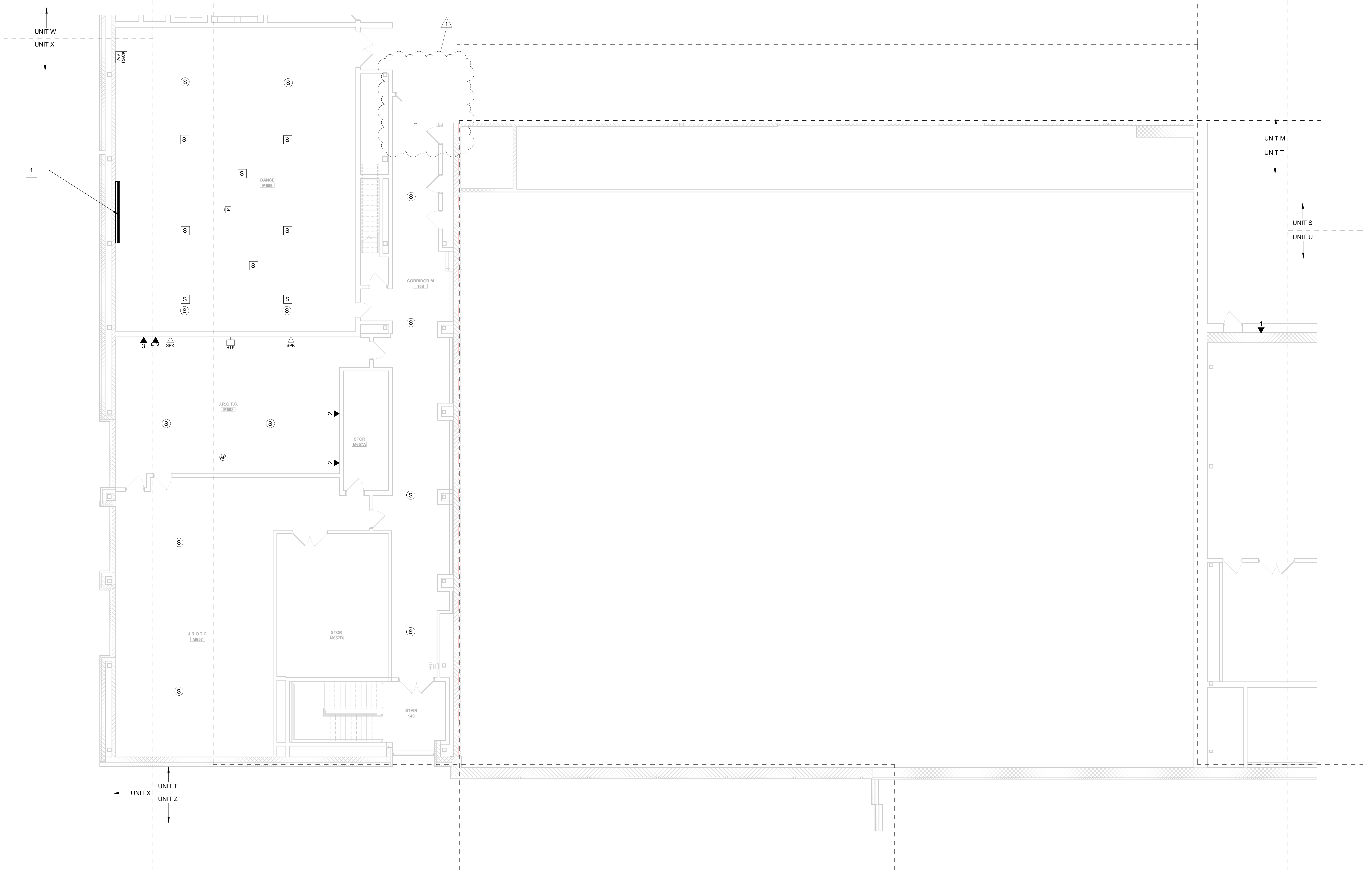

① SECOND FLOOR DEMOLITION PLAN - UNIT T
1/8" = 1'-0"

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SHEET NOTES

1. EXISTING CEILING PROJECTION SCREEN SHALL BE REMOVED AND TURNED OVER TO OWNER.

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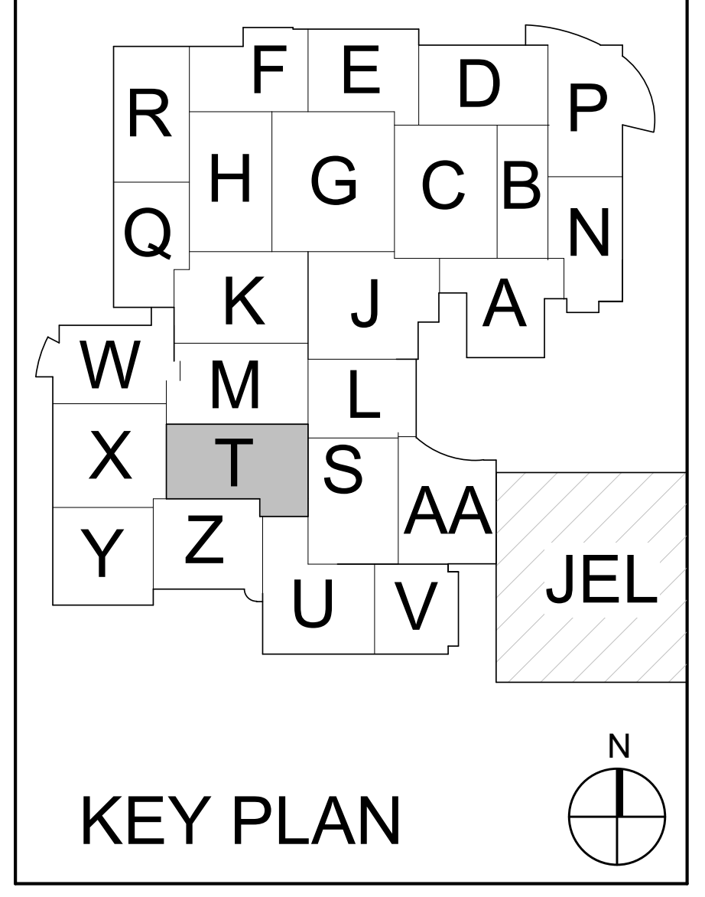

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR DEMO PLAN - UNIT T

TD1T2.3

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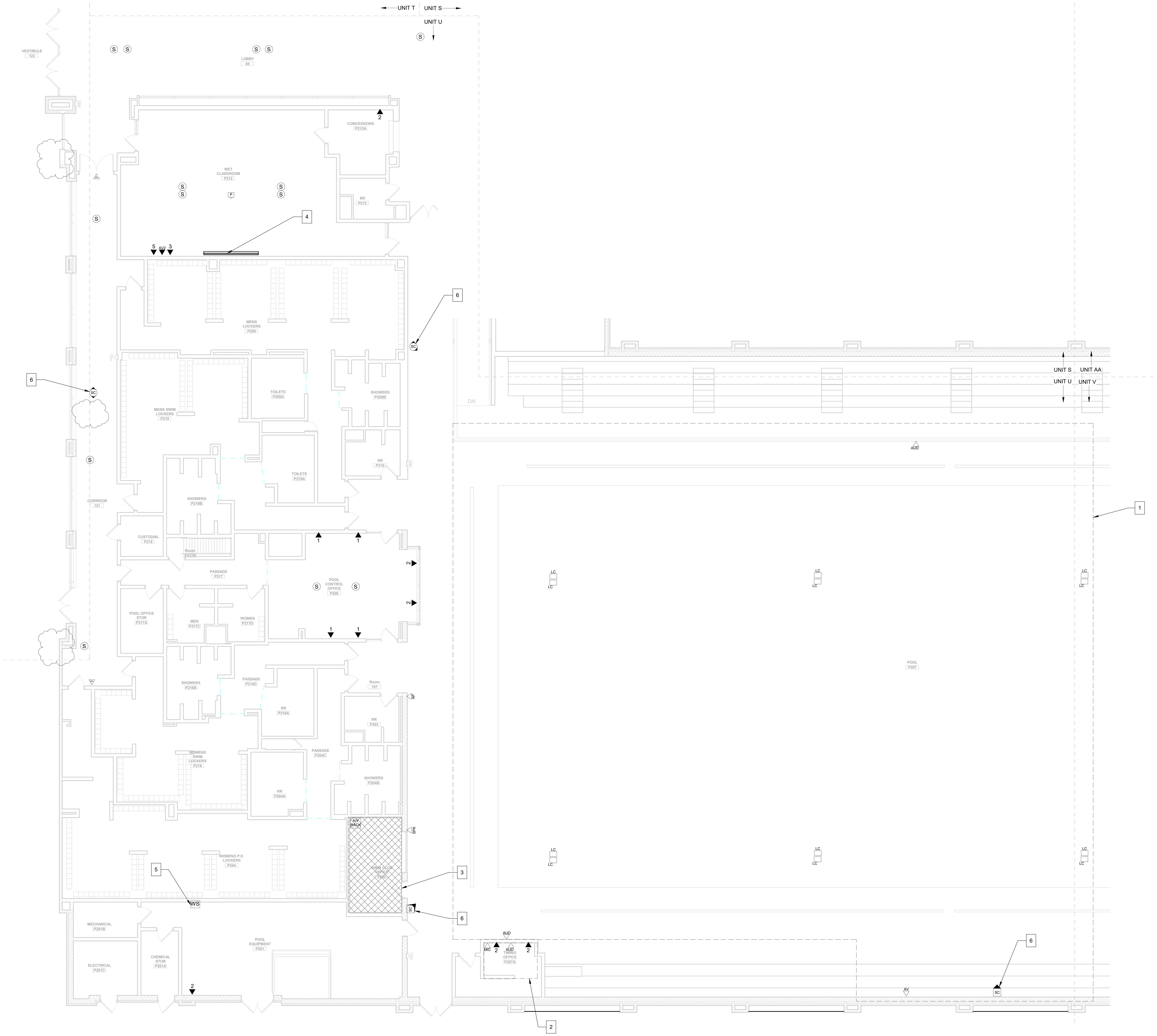

FIRST FLOOR DEMOLITION PLAN - UNIT U
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DEMOLITION TELECOM LEGEND

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SHEET NOTES

1. EXISTING AUDIO VISUAL EQUIPMENT WITHIN THE POOL REGION SHALL REMAIN.
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3. EXISTING IDF 25 LOCATION. TO BE RENOVATED AS REQUIRED.
4. EXISTING CEILING PROJECTION SCREEN SHALL BE REMOVED AND TURNED OVER TO OWNER.
5. EXISTING WATER PRESENCE SENSOR SHALL REMAIN.
6. EXISTING SECURITY CAMERA TO REMAIN IN CURRENT LOCATION. EXISTING CABLING, CONNECTORS AND CONNECTIVITY ACCESSORIES TO BE REMOVED ENTIRELY AND REPLACED WITH NEW CATEGORY 6A CABLING.

1

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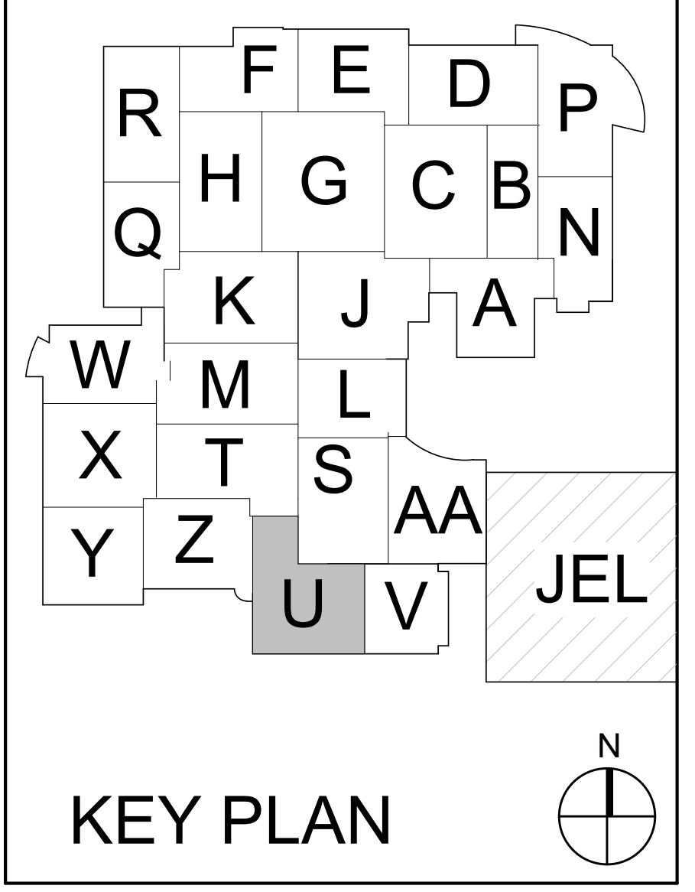

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR DEMO PLAN - UNIT U

TD1U1.3

TD1U1.3_ FIRST FLOOR DEMO PLAN - UNIT U
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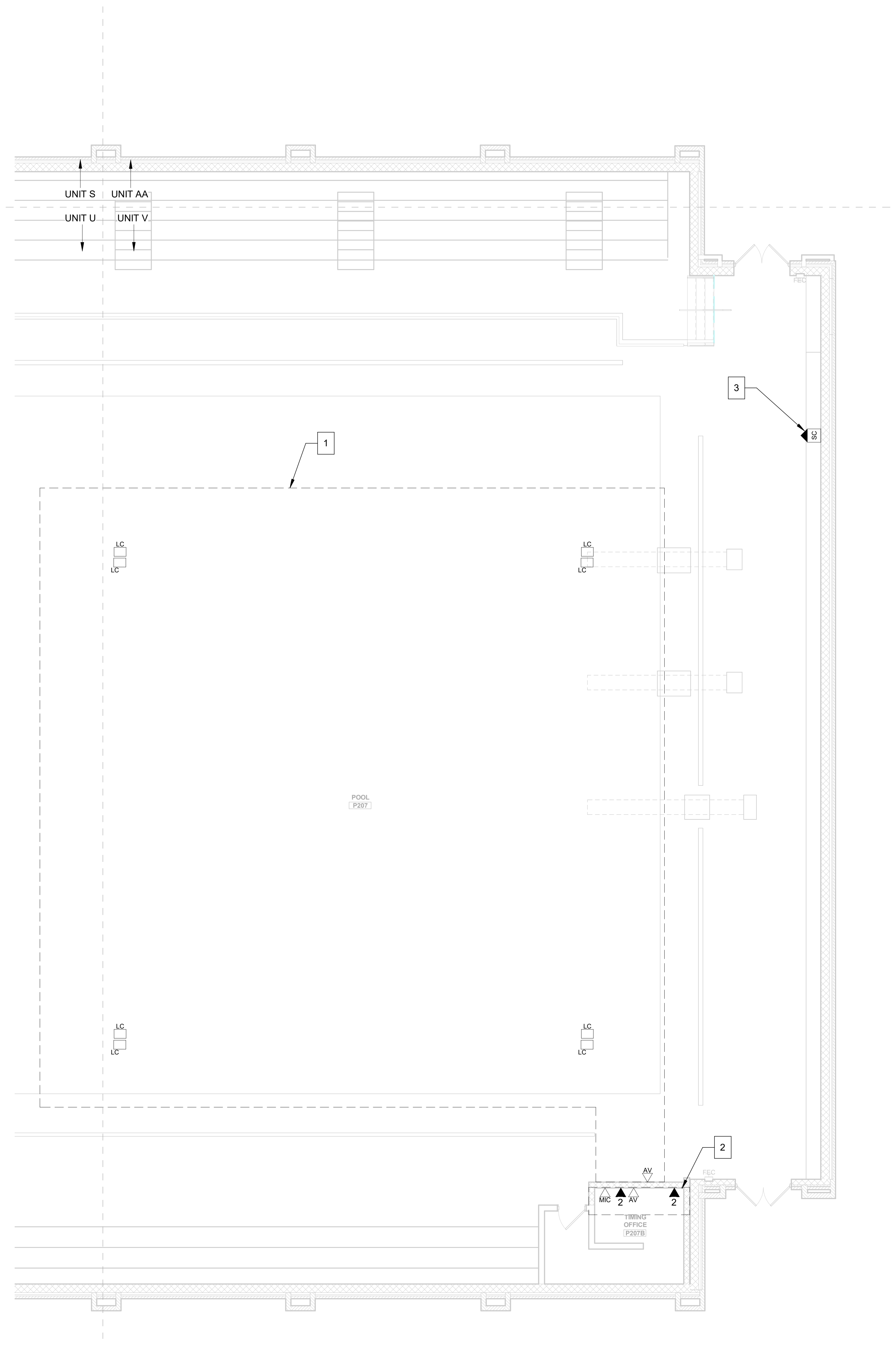

FIRST FLOOR DEMOLITION PLAN - UNIT V
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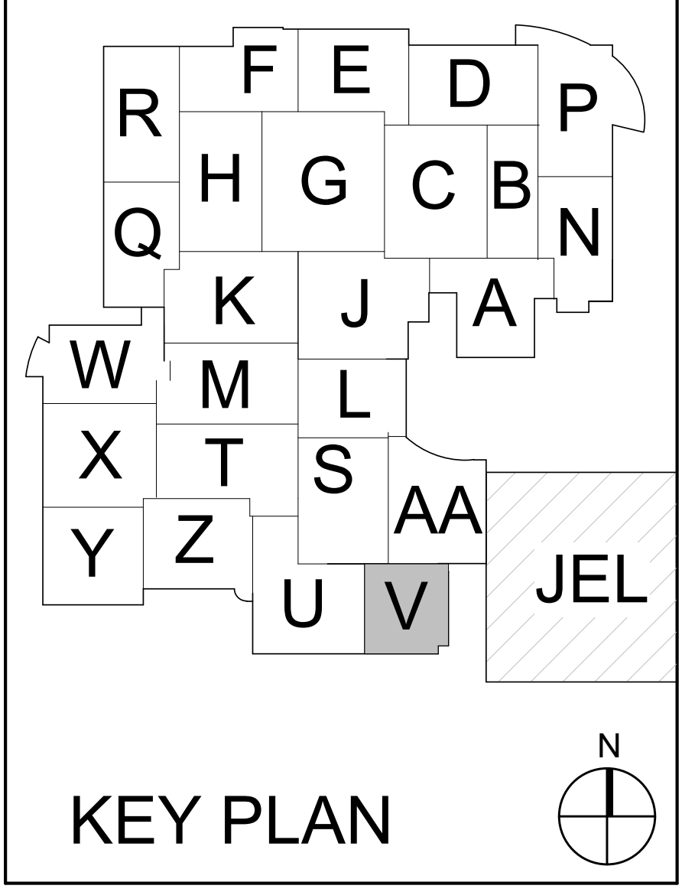

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR DEMO PLAN - UNIT V

TD1V1.3

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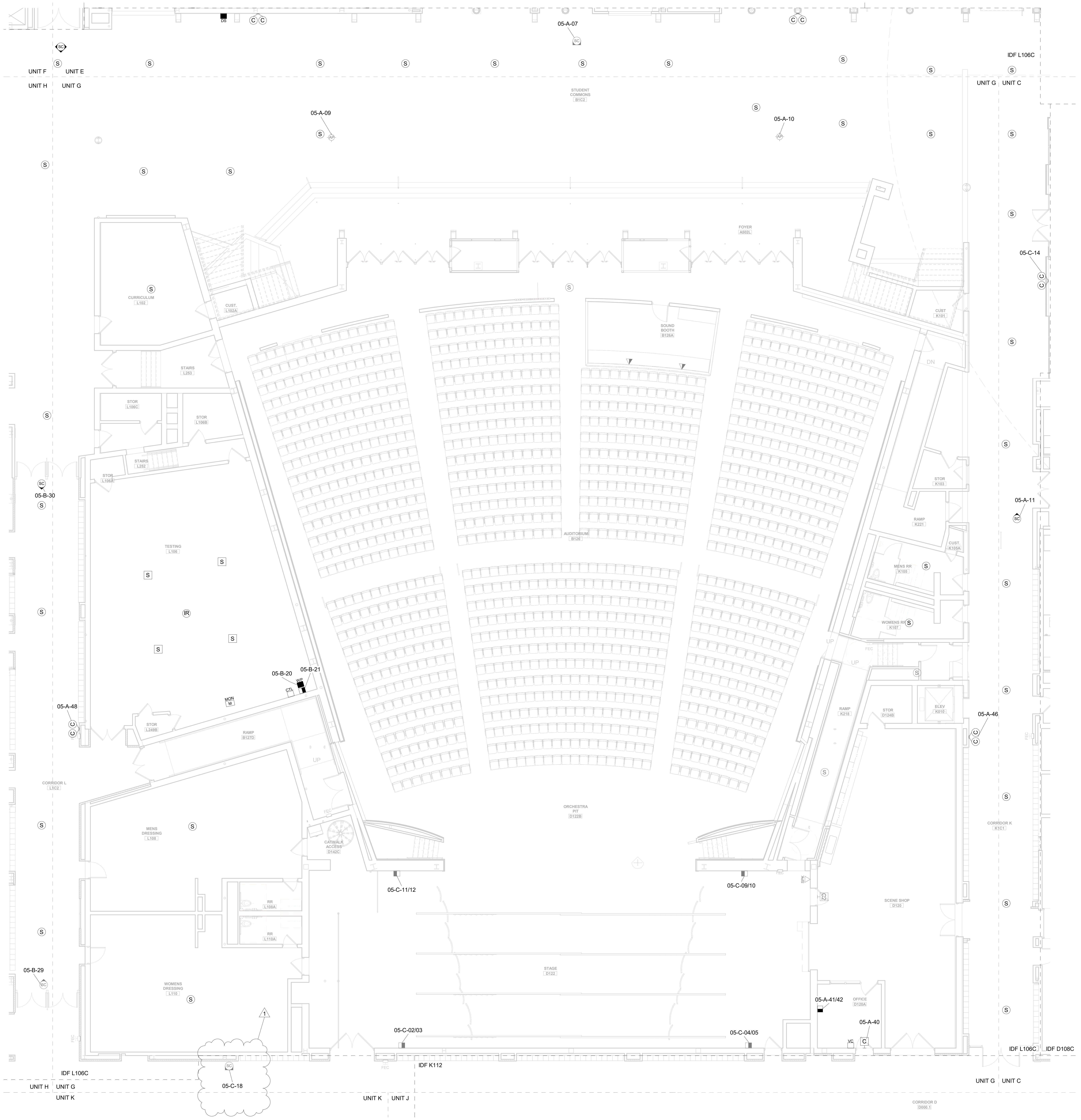

1 FIRST FLOOR TELECOM PLAN - UNIT G
1/8" = 1'-0"

GENERAL HORIZONTAL CABLING NOTES

- A MINIMUM CATEGORY 6A COMPLIANT 4-PAIR UNSHIELDED TWISTED PAIR (UTP). ALL HORIZONTAL CABLING MUST BE PLENUM RATED.
- B MANUFACTURER CERTIFIED INCLUDING THE MINIMIMUM PERFORMANCE AND APPLICATIONS WARRANTY.
- C PAINTING OF THE STRUCTURED CABLING WILL VOID THE WARRANTY. ENSURE PROPER COORDINATION WITH PAINTING CONTRACTOR SO THAT ALL STRUCTURED CABLING IS PROTECTED PRIOR TO ANY PAINTING.
- D PROVIDE A MINIMUM 10 FOOT MAINTENANCE LOOP ON EACH HORIZONTAL CABLING RUN. MAINTENANCE LOOPS SHALL BE STORED ABOVE ACCESIBLE CEILINGS, IN CABLE TRAY, AND IN TELECOMMUNICATION ROOM CABLE TRAY. CABLING ABOVE CEILING SHALL BE SUSPENDED FROM APPROPRIATE SUPPORTS AND SHALL NOT TOUCH THE CEILING.
- E ALL PIN/PAIR ASSIGNMENTS SHALL BE T568B.
- F REFER TO SPECIFICATION SECTION 27 15 13 FOR CABLE JACKET COLOR REQUIREMENTS.
- G LABELING SHALL BE COMPLETED AS DEFINED IN THE CONTRACT DOCUMENTS AND SHALL BE COORDINATED WITH THE OWNER.
- H PROVIDE ALL TELECOMMUNICATION OUTLETS AS SHOWN ON THE DRAWINGS AND AS REQUIRED TO PROVIDE CONNECTIONS FOR EACH DEVICE SHOWN ON THE DRAWINGS.
- I ALL TESTING OF HORIZONTAL CABLING SHALL BE COMPLETED AS DIRECTED BY THE PROJECT SPECIFICATIONS. ALL CABLING MUST BE TESTED AND CERTIFIED TO THE APPLICABLE STANDARDS.

TELECOM LEGEND

▼	DATA VOICE LOCATION - FLUSH MOUNTED
◧	DATA VOICE LOCATION - SURFACE MOUNTED
▽	DATA ROUGH-IN LOCATION
MON M	MOBILE MONITOR LOCATION
AV ▽	AV INPUT ROUGH-IN LOCATION
AV ▼	AV INPUT LOCATION - FLUSH MOUNTED
AV ☐	AV INPUT LOCATION - SURFACE MOUNTED
CTL ▽	AV CONTROL LOCATION - FLUSH MOUNTED
CTL ☐	AV CONTROL LOCATION - SURFACE MOUNTED
CTL 2 ▽	AV CONTROL LOCATION TYPE 2 - FLUSH MOUNTED
CTL 2	AV CONTROL LOCATION TYPE 2 - SURFACE MOUNTED
WP ▼	WALL PHONE LOCATION - FLUSH MOUNTED
WP ■	WALL PHONE LOATION - SURFACE MOUNTED
VC ▽	VOLUME CONTROL - FLUSH MOUNTED
VC ☐	VOLUME CONTROL - SURFACE MOUNTED
FB	FLOOR BOX LOCATION
AV	AV FLOOR BOX LOCATION
PT	POKE THRU LOCATION
DS ▼	DIGITAL SIGNAGE LOCATION - FLUSH MOUNTED
DS ■	DIGTIAL SIGNAGE LOCATION - SURFACE MOUNTED
MON ▽	MONITOR LOCATION - FLUSH MOUNTED
MON ☐	MONITOR LOCATION - SURFACE MOUNTED
RS ▽	ROOM SCHEDULER LOCATION - FLUSH MOUNTED
RS ▼	ROOM SCHEDULER ROUGH-IN LOCATION
P	PROJECTOR LOCATION
PS ▽	PROJECTION SCREEN CONTROL - FLUSH MOUNTED
PS ☐	PROJECTION SCREEN CONTROL - SURFACE MOUNTED
STP ▽	SHORT THROW PROJECTOR ROUGH-IN LOCATION
STP ▼	SHORT THROW PROJECTOR - FLUSH MOUNTED
STP ☐	SHORT THROW PROJECTOR - SURFACE MOUNTED
CE	AV CEILING ENCLOSURE
AP	WIRELESS ACCESS POINT - CEILING MOUNTED
AP ▽	WIRELESS ACCESS POINT - WALL MOUNTED
C	CLOCK LOCATION - FLUSH MOUNTED
C	CLOCK LOCATION - SURFACE MOUNTED
C C	DUAL SIDED CLOCK LOCATION
IR	IR MICROPHONE LOCATION
MIC ▽	MICROPHONE INPUT LOCATION - FLUSH MOUNTED
MIC ☐	MICROPHONE INPUT LOCATION - SURFACE MOUNTED
M	CEILING MICROPHONE LOCATION
S	PAGING SPEAKER LOCATION
S	PROGRAM AUDIO SPEAKER LOCATION
SPK ▽	PROGRAM AUDIO SPEAKER - WALL MOUNTED
LC ☐	LOUDSPEAKER JUNCTION BOX LOCATION
A/V RACK	AV EQUIPMENT RACK LOCATION
BR ▽	BLUETOOTH RECEIVER - FLUSH MOUNTED
BR ☐	BLUETOOTH RECEIVER - SURFACE MOUNTED
AUD ▽	AUDIO INPUT LOCATION - FLUSH MOUNTED
AUD ☐	AUDIO INPUT LOCATION - SURFACE MOUNTED
HA ▽	HEARING ASSIST ANTENNA - FLUSH MOUNTED
HA ☐	HEARING ASSIST ANTENNA - SURFACE MOUNTED
WA ▽	WIRELESS MIC ANTENNA - FLUSH MOUNTED
WA ☐	WIRELESS MIC ANTENNA - SURFACE MOUNTED
TS ▽	TOUCHSCREEN LOCATION - FLUSH MOUNTED
TS ☐	TOUCHSCREEN LOCATION - SURFACE MOUNTED
KP	INTRUSION DETECTION KEYPAD LOCATION
CR	CARD READER LOCATION
SC	SECURITY CAMERA - CEILING MOUNTED
SC	SECURITY CAMERA - WALL MOUNTED
MS ▽	MOTION SENSOR LOCATION
PB	DURESS BUTTON LOCATION
DR	DOOR RELEASE BUTTON LOCATION
D	DOOR POSITION SWITCH LOCATION
MS	VIDEO INTERCOM ANSWERING STATION
VI	VIDEO INTERCOM DOOR STATION

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Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced D27 MJC

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Matthew Connolly
BICSI ID # 212593
EXPIRES 12-31-24
RCDD

#	Revision	Date
A2.3	Addendum 2.3	03/22/2023

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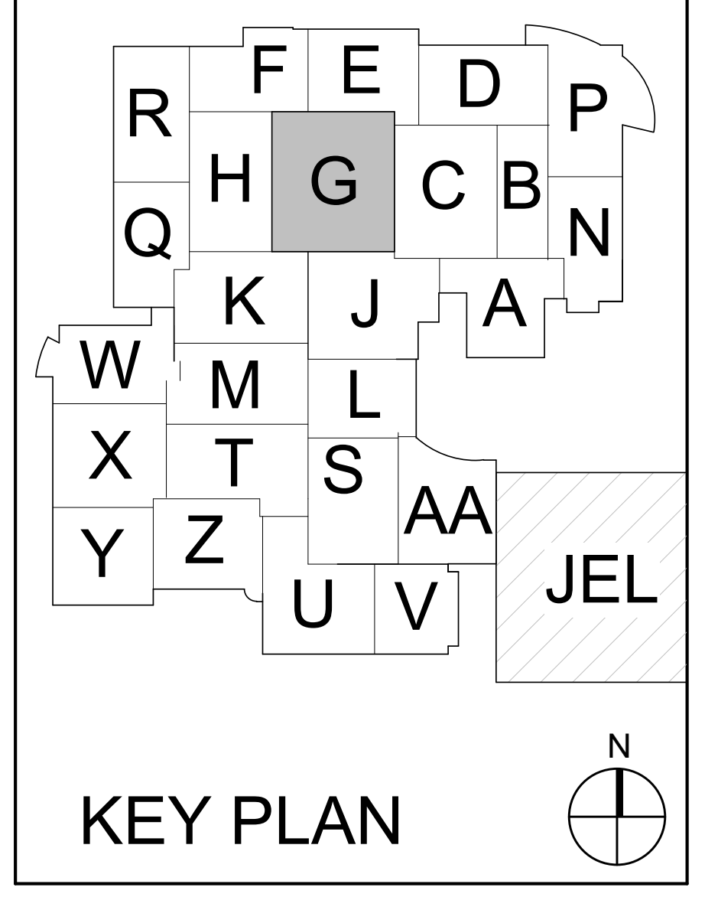

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR TELECOM PLAN - UNIT G

TF2G1.3

TF2G1.3_ FIRST FLOOR TELECOM PLAN - UNIT G
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
Autodesk Docs://2020-26 Schmidt - MSDWT North Central Reno/2019-067.NCH_Sector1_T_2022_Central.rvt
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① FIRST FLOOR TELECOM PLAN - UNIT H
1/8" = 1'-0"

GENERAL HORIZONTAL CABLING NOTES

- A MINIMUM CATEGORY 6A COMPLIANT 4-PAIR UNSHIELDED TWISTED PAIR (UTP). ALL HORIZONTAL CABLING MUST BE PLENUM RATED.
- B MANUFACTURER CERTIFIED INCLUDING THE MINIMIMUM PERFORMANCE AND APPLICATIONS WARRANTY.
- C PAINTING OF THE STRUCTURED CABLING WILL VOID THE WARRANTY. ENSURE PROPER COORDINATION WITH PAINTING CONTRACTOR SO THAT ALL STRUCTURED CABLING IS PROTECTED PRIOR TO ANY PAINTING.
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- E ALL PIN/PAIR ASSIGNMENTS SHALL BE T568B.
- F REFER TO SPECIFICATION SECTION 27 15 13 FOR CABLE JACKET COLOR REQUIREMENTS.
- G LABELING SHALL BE COMPLETED AS DEFINED IN THE CONTRACT DOCUMENTS AND SHALL BE COORDINATED WITH THE OWNER.
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TELECOM LEGEND

◪	DATA VOICE LOCATION - FLUSH MOUNTED
◨	DATA VOICE LOCATION - SURFACE MOUNTED
▽	DATA ROUGH-IN LOCATION
MON M	MOBILE MONITOR LOCATION
AV ▽	AV INPUT ROUGH-IN LOCATION
AV ▼	AV INPUT LOCATION - FLUSH MOUNTED
AV ☐	AV INPUT LOCATION - SURFACE MOUNTED
CTL ▽	AV CONTROL LOCATION - FLUSH MOUNTED
CTL ☐	AV CONTROL LOCATION - SURFACE MOUNTED
CTL 2	AV CONTROL LOCATION TYPE 2 - FLUSH MOUNTED
CTL 2	AV CONTROL LOCATION TYPE 2 - SURFACE MOUNTED
WP ▼	WALL PHONE LOCATION - FLUSH MOUNTED
WP ■	WALL PHONE LOATION - SURFACE MOUNTED
VC ▽	VOLUME CONTROL - FLUSH MOUNTED
VC ☐	VOLUME CONTROL - SURFACE MOUNTED
FB	FLOOR BOX LOCATION
AV	AV FLOOR BOX LOCATION
PT	POKE THRU LOCATION
DS ▼	DIGITAL SIGNAGE LOCATION - FLUSH MOUNTED
DS ■	DIGTIAL SIGNAGE LOCATION - SURFACE MOUNTED
MON ▽	MONITOR LOCATION - FLUSH MOUNTED
MON ☐	MONITOR LOCATION - SURFACE MOUNTED
RS ▽	ROOM SCHEDULER LOCATION - FLUSH MOUNTED
RS ▼	ROOM SCHEDULER ROUGH-IN LOCATION
P	PROJECTOR LOCATION
PS ▽	PROJECTION SCREEN CONTROL - FLUSH MOUNTED
PS ☐	PROJECTION SCREEN CONTROL - SURFACE MOUNTED
STP ▽	SHORT THROW PROJECTOR ROUGH-IN LOCATION
STP ▼	SHORT THROW PROJECTOR - FLUSH MOUNTED
STP ☐	SHORT THROW PROJECTOR - SURFACE MOUNTED
CE	AV CEILING ENCLOSURE
AP	WIRELESS ACCESS POINT - CEILING MOUNTED
AP ▽	WIRELESS ACCESS POINT - WALL MOUNTED
C	CLOCK LOCATION - FLUSH MOUNTED
C	CLOCK LOCATION - SURFACE MOUNTED
C C	DUAL SIDED CLOCK LOCATION
IR	IR MICROPHONE LOCATION
MIC ▽	MICROPHONE INPUT LOCATION - FLUSH MOUNTED
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M	CEILING MICROPHONE LOCATION
S	PAGING SPEAKER LOCATION
S	PROGRAM AUDIO SPEAKER LOCATION
SPK ▽	PROGRAM AUDIO SPEAKER - WALL MOUNTED
LC ☐	LOUDSPEAKER JUNCTION BOX LOCATION
A/V RACK	AV EQUIPMENT RACK LOCATION
BR ▽	BLUETOOTH RECEIVER - FLUSH MOUNTED
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HA ☐	HEARING ASSIST ANTENNA - SURFACE MOUNTED
WA ▽	WIRELESS MIC ANTENNA - FLUSH MOUNTED
WA ☐	WIRELESS MIC ANTENNA - SURFACE MOUNTED
TS ▽	TOUCHSCREEN LOCATION - FLUSH MOUNTED
TS ☐	TOUCHSCREEN LOCATION - SURFACE MOUNTED
KP	INTRUSION DETECTION KEYPAD LOCATION
CR	CARD READER LOCATION
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SC	SECURITY CAMERA - WALL MOUNTED
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DR	DOOR RELEASE BUTTON LOCATION
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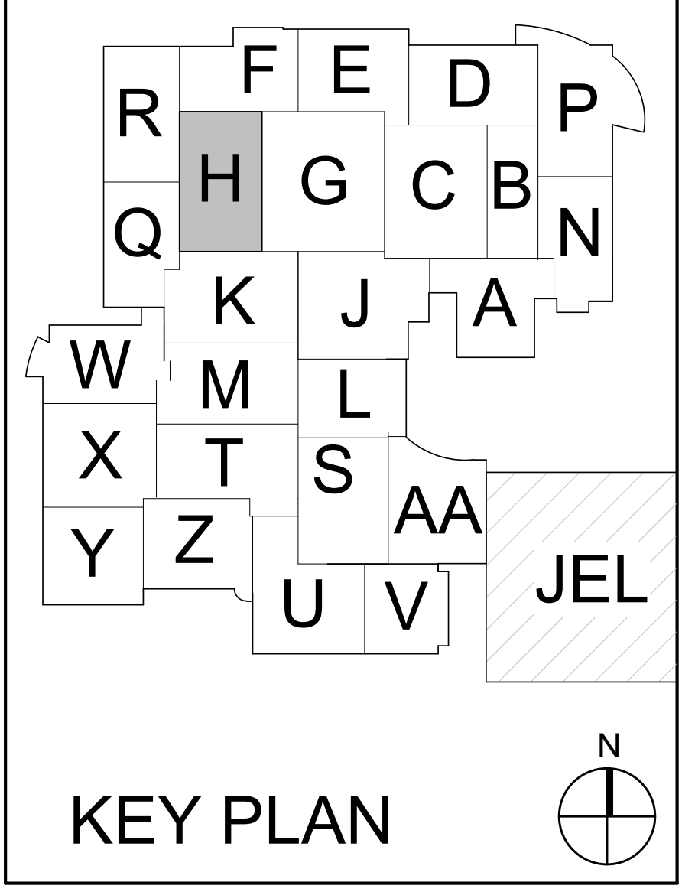

M.S.D. of Washington
Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR TELECOM
PLAN - UNIT H

TF2H1.3

TF2H1.3_ FIRST FLOOR TELECOM PLAN - UNIT H
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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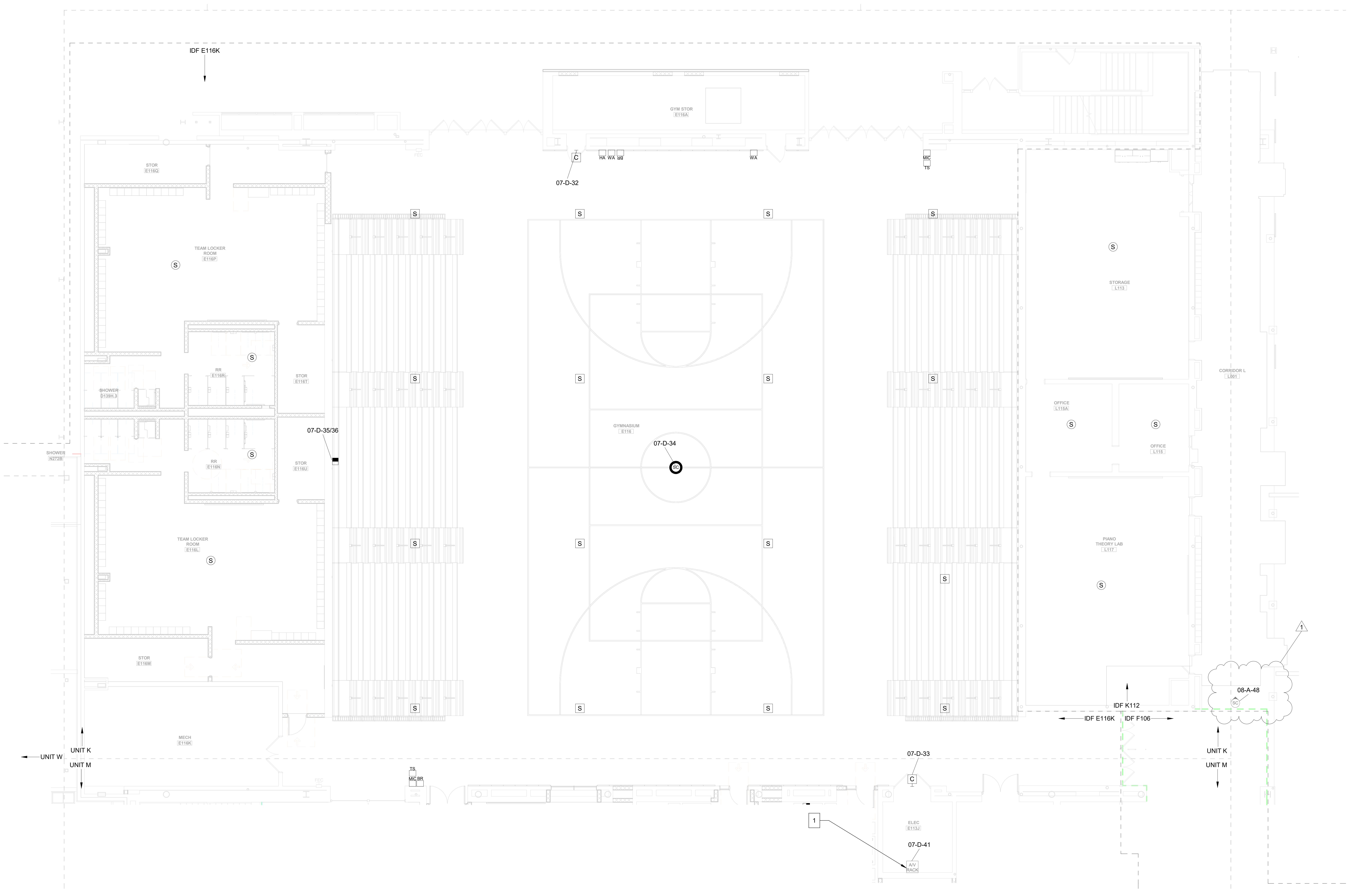

① FIRST FLOOR TELECOM PLAN - UNIT K
1/8" = 1'-0"

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TELECOM LEGEND

▼	DATA VOICE LOCATION - FLUSH MOUNTED
◨	DATA VOICE LOCATION - SURFACE MOUNTED
▽	DATA ROUGH-IN LOCATION
MON M	MOBILE MONITOR LOCATION (OFOI)
AV ▽	AV INPUT ROUGH-IN LOCATION
AV ▼	AV INPUT LOCATION - FLUSH MOUNTED
AV ☐	AV INPUT LOCATION - SURFACE MOUNTED
CTL ▼	AV CONTROL ROUGH-IN LOCATION
CTL ▽	AV CONTROL LOCATION - FLUSH MOUNTED
CTL ☐	AV CONTROL LOCATION - SURFACE MOUNTED
WP ▼	WALL PHONE LOCATION - FLUSH MOUNTED
WP ■	WALL PHONE LOCATION - SURFACE MOUNTED
VC ▽	VOLUME CONTROL LOCATION - FLUSH MOUNTED
VC ☐	VOLUME CONTROL LOCATION - SURFACE MOUNTED
FB	FLOORBOX LOCATION
AV	AV FLOORBOX LOCATION
DS ▼	DIGITAL SIGNAGE LOCATION - FLUSH MOUNTED
DS ■	DIGITAL SIGNAGE LOCATION - SURFACE MOUNTED
MON ▽	MONITOR LOCATION - FLUSH MOUNTED
MON ☐	MONITOR LOCATION - SURFACE MOUNTED
RS ▽	ROOM SCHEDULER LOCATION - FLUSH MOUNTED
RS ▼	ROOM SCHEDULER ROUGH-IN LOCATION
P	PROJECTOR LOCATION
STP ▽	SHORT THROW PROJECTOR ROUGH-IN LOCATION
STP ▼	SHORT THROW PROJECTOR - FLUSH MOUNTED
STP ☐	SHORT THROW PROJECTOR - SURFACE MOUNTED
AP	WIRELESS ACCESS POINT - CEILING MOUNTED
AP ▽	WIRELESS ACCESS POINT - WALL MOUNTED
C	CLOCK LOCATION - FLUSH MOUNTED
C	CLOCK LOCATION - SURFACE MOUNTED
C C	DUAL SIDED CLOCK LOCATION
IR	IR MICROPHONE LOCATION
MIC ▽	MICROPHONE INPUT LOCATION - FLUSH MOUNTED
MIC ☐	MICROPHONE INPUT LOCATION - SURFACE MOUNTED
M	CEILING MICROPHONE LOCATION
S	PAGING SPEAKER LOCATION
S	PROGRAM AUDIO SPEAKER LOCATION
SPK ▽	PROGRAM AUDIO SPEAKER - WALL MOUNTED
SPK ▼	PAGING SPEAKER - WALL MOUNTED
LC ☐	LOUDSPEAKER JUNCTION BOX LOCATION
A/V RACK	AV EQUIPMENT RACK LOCATION
BR ▽	BLUETOOTH RECEIVER ANTENNA LOCATION
AUD ▽	AUDIO INPUT LOCATION - FLUSH MOUNTED
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HA ▽	HEARING ASSIST ANTENNA - FLUSH MOUNTED
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TS ▽	TOUCHSCREEN LOCATION - FLUSH MOUNTED
TS ☐	TOUCHSCREEN LOCATION - SURFACE MOUNTED
KP	INTRUSION DETECTION KEYPAD LOCATION
CR	CARD READER LOCATION
SC	SECURITY CAMERA - CEILING MOUNTED
SC	SECURITY CAMERA - WALL MOUNTED
MS ▽	MOTION SENSOR LOCATION
WS	WATER PRESENCE SENSOR LOCATION
PB	DURESS BUTTON LOCATION
DR	DOOR RELEASE BUTTON LOCATION
D	DOOR POSITION SWITCH LOCATION
MS	VIDEO INTERCOM ANSWERING STATION
VI	VIDEO INTERCOM DOOR STATION

SHEET NOTES

1. EXISTING AV RACK.

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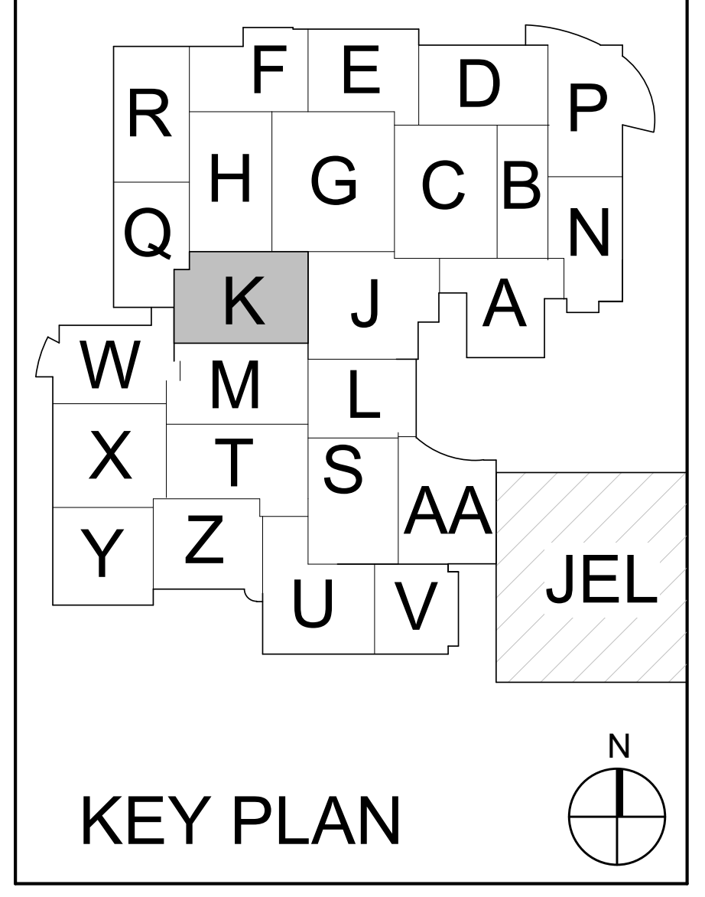

KEY PLAN

M.S.D. of Washington Township

North Central High School Renovation - Additions Phase 3

FIRST FLOOR TELECOM PLAN - UNIT K

TF2K1.3

① SECOND FLOOR TELECOM PLAN - UNIT N
1/8" = 1'-0"

GENERAL HORIZONTAL CABLING NOTES

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▽	DATA ROUGH-IN LOCATION
MON M	MOBILE MONITOR LOCATION
AV ▽	AV INPUT ROUGH-IN LOCATION
AV ▼	AV INPUT LOCATION - FLUSH MOUNTED
AV □	AV INPUT LOCATION - SURFACE MOUNTED
CTL ▽	AV CONTROL LOCATION - FLUSH MOUNTED
CTL □	AV CONTROL LOCATION - SURFACE MOUNTED
CTL 2 ▽	AV CONTROL LOCATION TYPE 2 - FLUSH MOUNTED
CTL 2	AV CONTROL LOCATION TYPE 2 - SURFACE MOUNTED
WP ▼	WALL PHONE LOCATION - FLUSH MOUNTED
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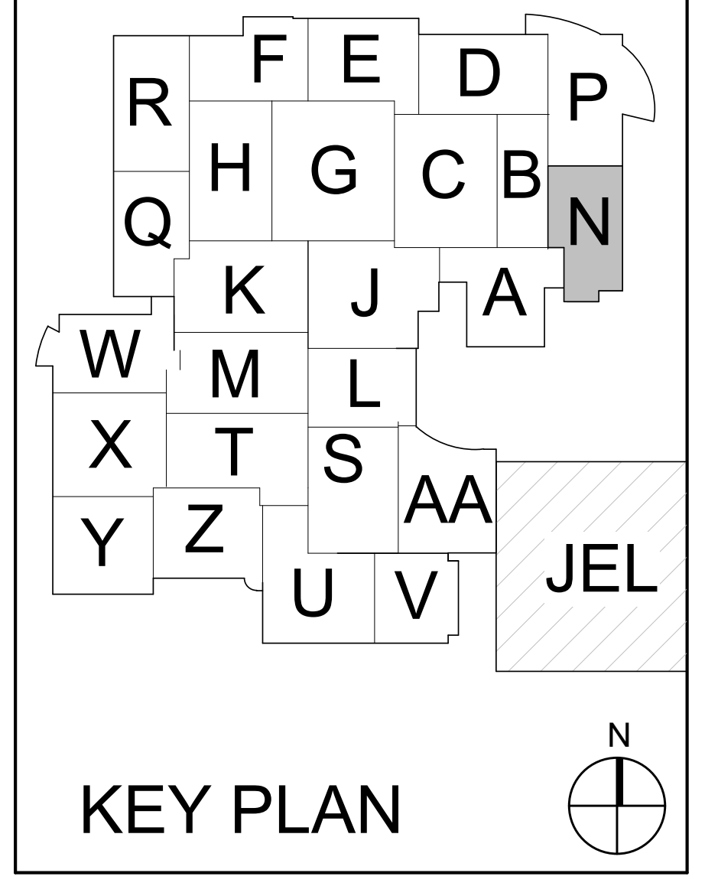

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

SECOND FLOOR
TELECOM PLAN - UNIT N

TF2N2.3

2 RECEPTION B139A ENLARGED LAYOUT
1/4" = 1'-0"

1 FIRST FLOOR TELECOM PLAN - UNIT P
1/8" = 1'-0"

GENERAL HORIZONTAL CABLING NOTES

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SHEET NOTES

1. TREASURER INTRUSION DETECTION ZONE.
2. SECURITY CAMERA MOUNTED TO CANOPY. COORDINATE FINAL LOCATION WITH ARCHITECT.
3. BUTTON MOUNTED BELOW TRANSACTION COUNTER TO RELEASE DOOR B100.1. CONFIRM FINAL LOCATION WITH OWNER'S SAFETY AND SECURITY DEPARTMENT PRIOR TO INSTALL.
4. BUTTON MOUNTED BELOW DESK TO RELEASE DOOR B100.2. CONFIRM FINAL LOCATION WITH OWNER'S SAFETY AND SECURITY DEPARTMENT PRIOR TO INSTALL.
5. PANIC BUTTON FOR LOCKDOWN FUNCTION. CONFIRM FINAL LOCATION WITH OWNER'S SAFETY AND SECURITY DEPARTMENT PRIOR TO INSTALL. REFER TO SECURITY DIAGRAMS AND DETAILS FOR CONNECTIVITY AND CABLING REQUIREMENTS. PANIC BUTTON SHALL BE LOCATED 12" FROM ADJACENT PANIC BUTTON. BUTTON HOUSING SHALL PROVIDE A SHROUD AROUND BUTTON. COORDINATE FINAL BUTTON COLOR WITH OWNER PRIOR TO INSTALLATION.
6. PANIC BUTTON FOR NOTIFICATION CALL. CONFIRM FINAL LOCATION WITH OWNER'S SAFETY AND SECURITY DEPARTMENT PRIOR TO INSTALL. REFER TO SECURITY DIAGRAMS AND DETAILS FOR CONNECTIVITY AND CABLING REQUIREMENTS. PANIC BUTTON SHALL BE LOCATED 12" FROM ADJACENT PANIC BUTTON. BUTTON HOUSING SHALL PROVIDE A SHROUD AROUND BUTTON. COORDINATE FINAL BUTTON COLOR WITH OWNER PRIOR TO INSTALLATION.
7. DESK MOUNTED VIDEO INTERCOM MASTER STATION. CONFIRM FINAL LOCATION WITH OWNER'S SAFETY AND SECURITY DEPARTMENT PRIOR TO INSTALL. CONTRACTOR SHALL PROVIDE CATEGORY 6A PATCH CORD FROM DEVICE TO NEAREST DATA LOCATION.
8. INTRUSION MONITORED DOOR. REFER TO DETAIL #4 ON SHEET T404.3 FOR REQUIREMENTS.
9. BUTTON MOUNTED BELOW DESK TO RELEASE DOOR B104.1. CONFIRM FINAL LOCATION WITH OWNER'S SAFETY AND SECURITY DEPARTMENT PRIOR TO INSTALL

1

TELECOM LEGEND

▼	DATA VOICE LOCATION - FLUSH MOUNTED
◨	DATA VOICE LOCATION - SURFACE MOUNTED
▽	DATA ROUGH-IN LOCATION
MON M	MOBILE MONITOR LOCATION
AV ▽	AV INPUT ROUGH-IN LOCATION
AV ▼	AV INPUT LOCATION - FLUSH MOUNTED
AV ☐	AV INPUT LOCATION - SURFACE MOUNTED
CTL ▽	AV CONTROL LOCATION - FLUSH MOUNTED
CTL ☐	AV CONTROL LOCATION - SURFACE MOUNTED
CTL 2 ▽	AV CONTROL LOCATION TYPE 2 - FLUSH MOUNTED
CTL 2	AV CONTROL LOCATION TYPE 2 - SURFACE MOUNTED
WP ▼	WALL PHONE LOCATION - FLUSH MOUNTED
WP ■	WALL PHONE LOCATION - SURFACE MOUNTED
VC ▽	VOLUME CONTROL - FLUSH MOUNTED
VC ☐	VOLUME CONTROL - SURFACE MOUNTED
FB	FLOOR BOX LOCATION
AV	AV FLOOR BOX LOCATION
PT	POKE THRU LOCATION
DS ▼	DIGITAL SIGNAGE LOCATION - FLUSH MOUNTED
DS ■	DIGITAL SIGNAGE LOCATION - SURFACE MOUNTED
MON ▽	MONITOR LOCATION - FLUSH MOUNTED
MON ☐	MONITOR LOCATION - SURFACE MOUNTED
RS ▽	ROOM SCHEDULER LOCATION - FLUSH MOUNTED
RS ▼	ROOM SCHEDULER ROUGH-IN LOCATION
P	PROJECTOR LOCATION
PS	PROJECTION SCREEN CONTROL - FLUSH MOUNTED
PS	PROJECTION SCREEN CONTROL - SURFACE MOUNTED
STP	SHORT THROW PROJECTOR ROUGH-IN LOCATION
STP ▼	SHORT THROW PROJECTOR - FLUSH MOUNTED
STP	SHORT THROW PROJECTOR - SURFACE MOUNTED
CE	AV CEILING ENCLOSURE
AP	WIRELESS ACCESS POINT - CEILING MOUNTED
AP	WIRELESS ACCESS POINT - WALL MOUNTED
C	CLOCK LOCATION - FLUSH MOUNTED
C	CLOCK LOCATION - SURFACE MOUNTED
C C	DUAL SIDED CLOCK LOCATION
IR	IR MICROPHONE LOCATION
MIC	MICROPHONE INPUT LOCATION - FLUSH MOUNTED
MIC	MICROPHONE INPUT LOCATION - SURFACE MOUNTED
M	CEILING MICROPHONE LOCATION
S	PAGING SPEAKER LOCATION
S	PROGRAM AUDIO SPEAKER LOCATION
SPK	PROGRAM AUDIO SPEAKER - WALL MOUNTED
LC	LOUDSPEAKER JUNCTION BOX LOCATION
A/V RACK	AV EQUIPMENT RACK LOCATION
BR	BLUETOOTH RECEIVER - FLUSH MOUNTED
BR	BLUETOOTH RECEIVER - SURFACE MOUNTED
AUD	AUDIO INPUT LOCATION - FLUSH MOUNTED
AUD	AUDIO INPUT LOCATION - SURFACE MOUNTED
HA	HEARING ASSIST ANTENNA - FLUSH MOUNTED
HA	HEARING ASSIST ANTENNA - SURFACE MOUNTED
WA	WIRELESS MIC ANTENNA - FLUSH MOUNTED
WA	WIRELESS MIC ANTENNA - SURFACE MOUNTED
TS	TOUCHSCREEN LOCATION - FLUSH MOUNTED
TS	TOUCHSCREEN LOCATION - SURFACE MOUNTED
KP	INTRUSION DETECTION KEYPAD LOCATION
CR	CARD READER LOCATION
SC	SECURITY CAMERA - CEILING MOUNTED
SC	SECURITY CAMERA - WALL MOUNTED
▽	MOTION SENSOR LOCATION
PB	DURESS BUTTON LOCATION
DR	DOOR RELEASE BUTTON LOCATION
D	DOOR POSITION SWITCH LOCATION
MS	VIDEO INTERCOM ANSWERING STATION
VI	VIDEO INTERCOM DOOR STATION

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REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Matthew Connolly
BICSI ID # 212593
EXPIRES 12-31-24
RCDD

#	Revision	Date
A2.3	Addendum 2.3	03/22/2023

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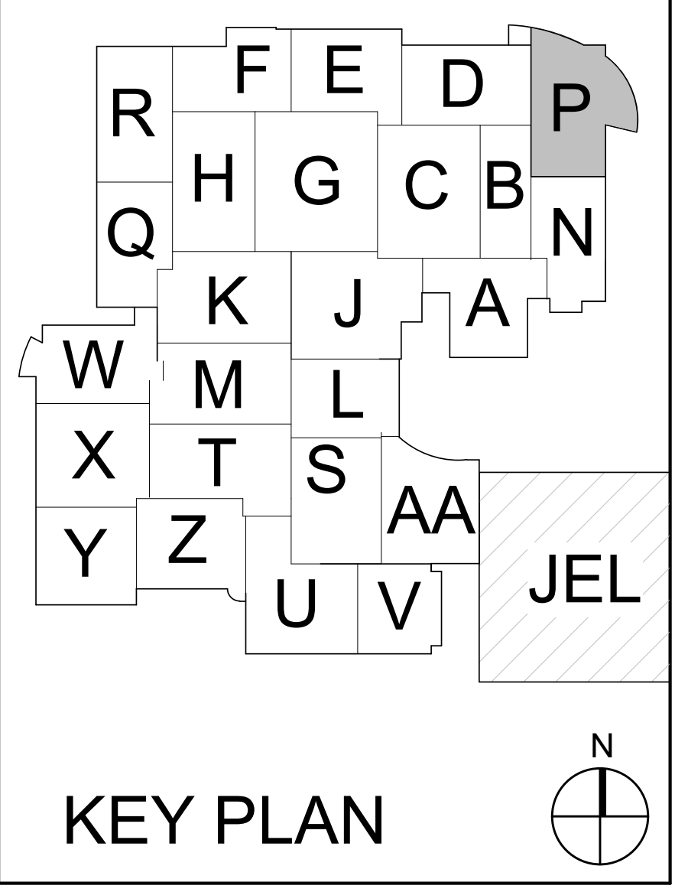

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR TELECOM PLAN - UNIT P

TF2P1.3

① FIRST FLOOR TELECOM PLAN - UNIT Q
1/8" = 1'-0"

GENERAL HORIZONTAL CABLING NOTES

A MINIMUM CATEGORY 6A COMPLIANT 4-PAIR UNSHIELDED TWISTED PAIR (UTP). ALL HORIZONTAL CABLING MUST BE PLENUM RATED.

B MANUFACTURER CERTIFIED INCLUDING THE MINIMIMUM PERFORMANCE AND APPLICATIONS WARRANTY.

C PAINTING OF THE STRUCTURED CABLING WILL VOID THE WARRANTY. ENSURE PROPER COORDINATION WITH PAINTING CONTRACTOR SO THAT ALL STRUCTURED CABLING IS PROTECTED PRIOR TO ANY PAINTING.

D PROVIDE A MINIMUM 10 FOOT MAINTENANCE LOOP ON EACH HORIZONTAL CABLING RUN. MAINTENANCE LOOPS SHALL BE STORED ABOVE ACCESIBLE CEILINGS, IN CABLE TRAY, AND IN TELECOMMUNICATION ROOM CABLE TRAY. CABLING ABOVE CEILING SHALL BE SUSPENDED FROM APPROPRIATE SUPPORTS AND SHALL NOT TOUCH THE CEILING.

E ALL PIN/PAIR ASSIGNMENTS SHALL BE T568B.

F REFER TO SPECIFICATION SECTION 27 15 13 FOR CABLE JACKET COLOR REQUIREMENTS.

G LABELING SHALL BE COMPLETED AS DEFINED IN THE CONTRACT DOCUMENTS AND SHALL BE COORDINATED WITH THE OWNER.

H PROVIDE ALL TELECOMMUNICATION OUTLETS AS SHOWN ON THE DRAWINGS AND AS REQUIRED TO PROVIDE CONNECTIONS FOR EACH DEVICE SHOWN ON THE DRAWINGS.

I ALL TESTING OF HORIZONTAL CABLING SHALL BE COMPLETED AS DIRECTED BY THE PROJECT SPECIFICATIONS. ALL CABLING MUST BE TESTED AND CERTIFIED TO THE APPLICABLE STANDARDS.

TELECOM LEGEND

▼	DATA VOICE LOCATION - FLUSH MOUNTED
◧	DATA VOICE LOCATION - SURFACE MOUNTED
▽	DATA ROUGH-IN LOCATION
MON M	MOBILE MONITOR LOCATION
AV ▽	AV INPUT ROUGH-IN LOCATION
AV ▼	AV INPUT LOCATION - FLUSH MOUNTED
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CE	AV CEILING ENCLOSURE
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C	CLOCK LOCATION - FLUSH MOUNTED
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C C	DUAL SIDED CLOCK LOCATION
IR	IR MICROPHONE LOCATION
MIC ▽	MICROPHONE INPUT LOCATION - FLUSH MOUNTED
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M	CEILING MICROPHONE LOCATION
S	PAGING SPEAKER LOCATION
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Bicsi
Matthew Connolly
BICSI ID # 212593
EXPIRES 12-31-24
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A2.3	Addendum 2.3	03/22/2023

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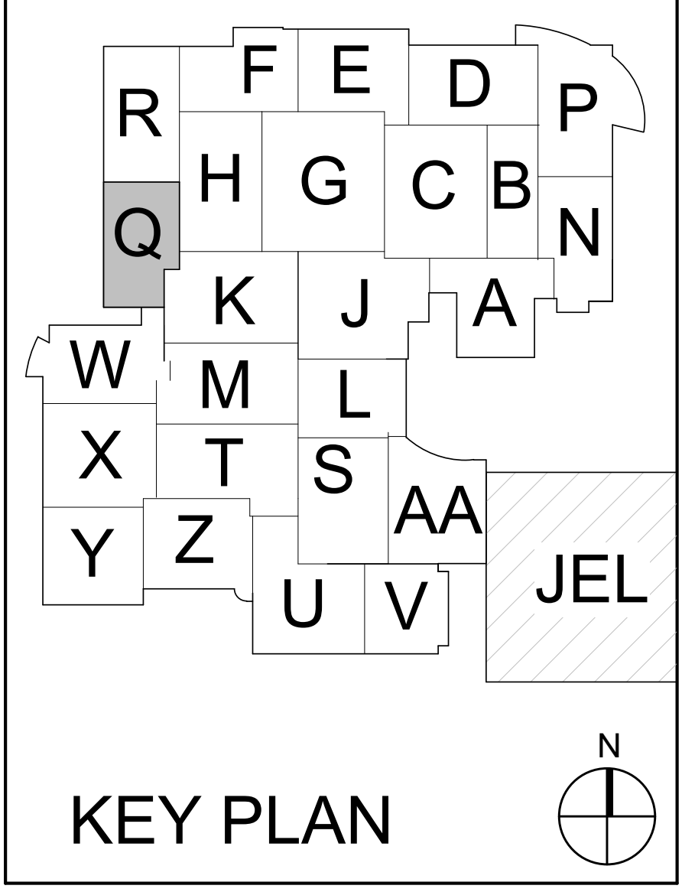


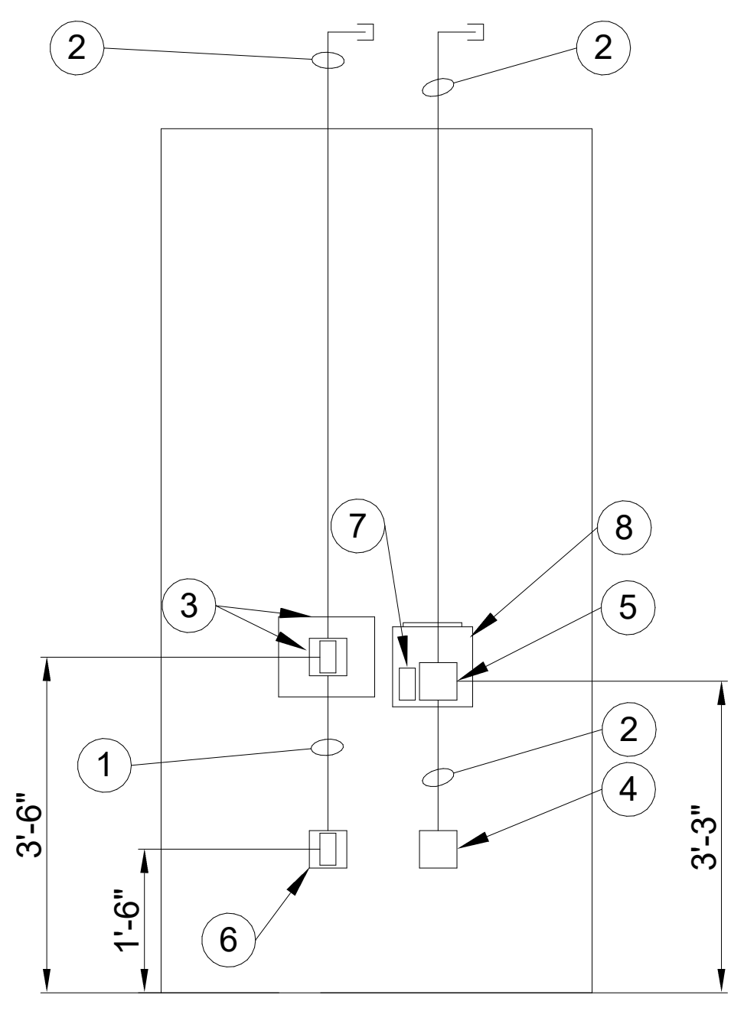
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

FIRST FLOOR TELECOM PLAN - UNIT Q

TF2Q1.3



GENERAL NOTES:

1. FIELD VERIFY EXACT LOCATIONS AND REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN.
2. ALL BOXES SHALL BE FLUSH MOUNTED WITH CONDUIT CONCEALED IN WALL.

NOTES:

① 1" CONDUIT STUBBED INTO BOX LOCATION ABOVE.

② 1¼" CONDUIT STUBBED TO ACCESSIBLE CEILING SPACE OF ROOM.

③ WALL PHONE LOCATION. REQUIRES MIN. 12"W X 9"H CLEAR AREA AROUND OUTLET FOR PHONE MOUNTING.

④ AV INPUT ROUGH-IN OR AV INPUT LOCATION - REFER TO T-SERIES FOR REQUIREMENTS

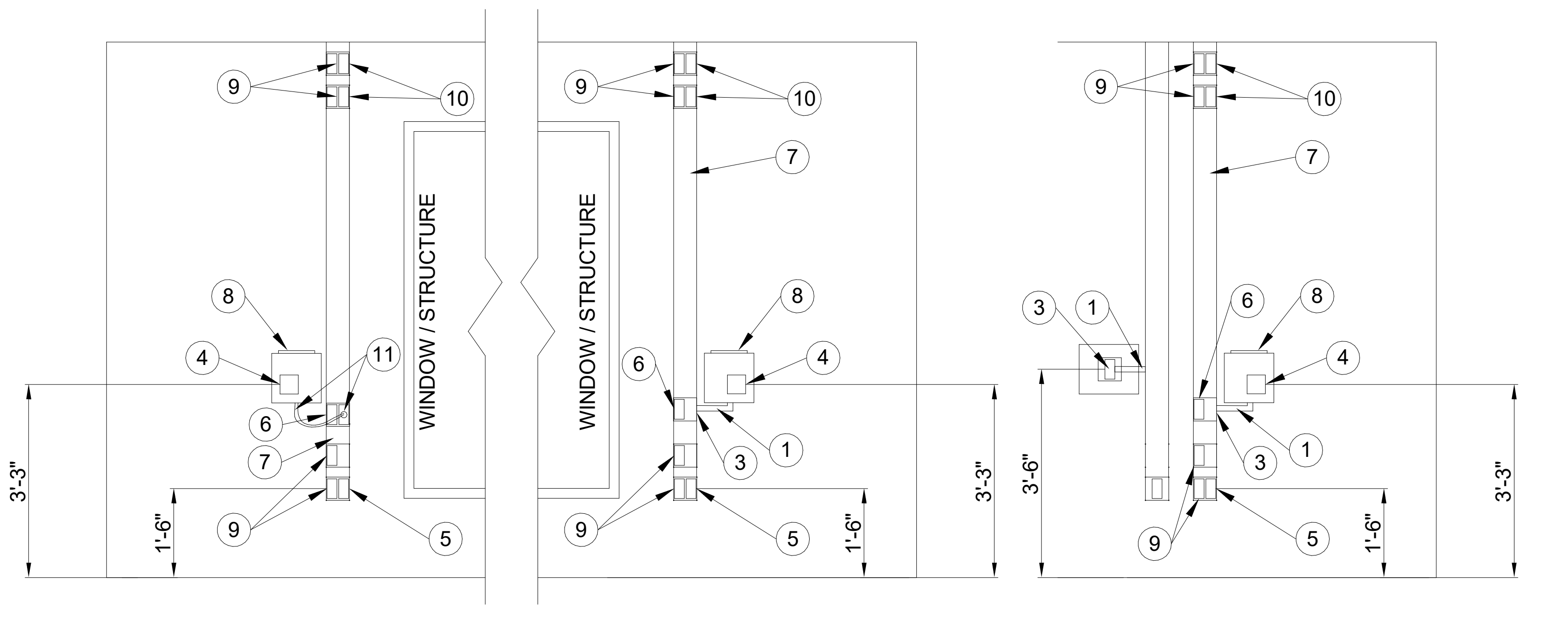
⑤ AV CONTROL LOCATION. MIN. 10"W X 10"H CLEAR AREA AROUND OUTLET FOR ENCLOSURE MOUNTING.

⑥ DATA VOICE LOCATION.

⑦ ELECTRICAL OUTLET BEHIND RECEIVER - REFER TO E-SERIES FOR REQUIREMENTS

⑧ O.F.O.I. IR MICROPHONE RECEIVER - WALL MOUNTED

① CLASSROOM ELEVATION - TEACHERS AREA (FLUSH MOUNTED)
1/2" = 1'-0"



SPACE ON LEFT OF WINDOW / STRUCTURE

SPACE ON RIGHT OF WINDOW / STRUCTURE

SPACE WITH WALL PHONE (WITHOUT WINDOW / STRUCTURE)

GENERAL NOTES:

1. FIELD VERIFY EXACT LOCATIONS AND REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN.

NOTES:

① 1 3/4" SURFACE MOUNT RACEWAY STUBBED INTO LOCATIONS AS REQUIRED.

② 1 3/4" SURFACE MOUNT RACEWAY STUBBED INTO CEILING DROP.

③ WALL PHONE LOCATION. REQUIRES MIN. 12"W X 9"H CLEAR AREA AROUND OUTLET FOR PHONE MOUNTING

④ AV CONTROL LOCATION - SURFACE MOUNTED. REQUIRES MIN. 10"W X 10"H CLEAR AREA AROUND OUTLET FOR ENCLOSURE MOUNTING.

⑤ DATA VOICE LOCATION - SURFACE MOUNTED. INSTALL WITHIN EXISTING SURFACE RACEWAY IF PRESENT

⑥ NEW OR RELOCATED ELECTRICAL OUTLET LOCATION FOR IR RECEIVER- REFER TO E-SERIES FOR REQUIREMENTS

⑦ NEW OR EXISTING DIVIDED SURFACE RACEWAY LOCATION TO REMAIN AND BE MODIFIED FOR NEW CABLING AND DEVICE FACEPLATES AND TERMINATIONS AS REQUIRED.

⑧ O.F.O.I. IR MICROPHONE RECEIVER - WALL MOUNTED

⑨ ELECTRICAL OUTLET LOCATED IN NEW OR EXISTING SURFACE RACEWAY

⑩ BLANK FACEPLATE AS REQUIRED

⑪ NEW GROMMET OPENING FACEPLATE TO ALLOW AV CABLING TO EXIT RACEWAY FOR DIRECT DIRECTION TO IR MICROPHONE RECEIVER. PROVIDE CORD WRAP AS REQUIRED TO CONCEAL CABLE BUNDLE INTO DEVICE LOCATIONS.

② CLASSROOM ELEVATION - TEACHERS AREA (SURFACE MOUNTED)
N.T.S.

1

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Project No.	2019-067.NCH
Project Date	03.03.2023
Bid Set	03
Produced	MJC D27

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Matthew Connolly
BICSI ID # 212593
EXPIRES 12-31-24
RCDD

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A2.3	Addendum 2.3	03/22/2023

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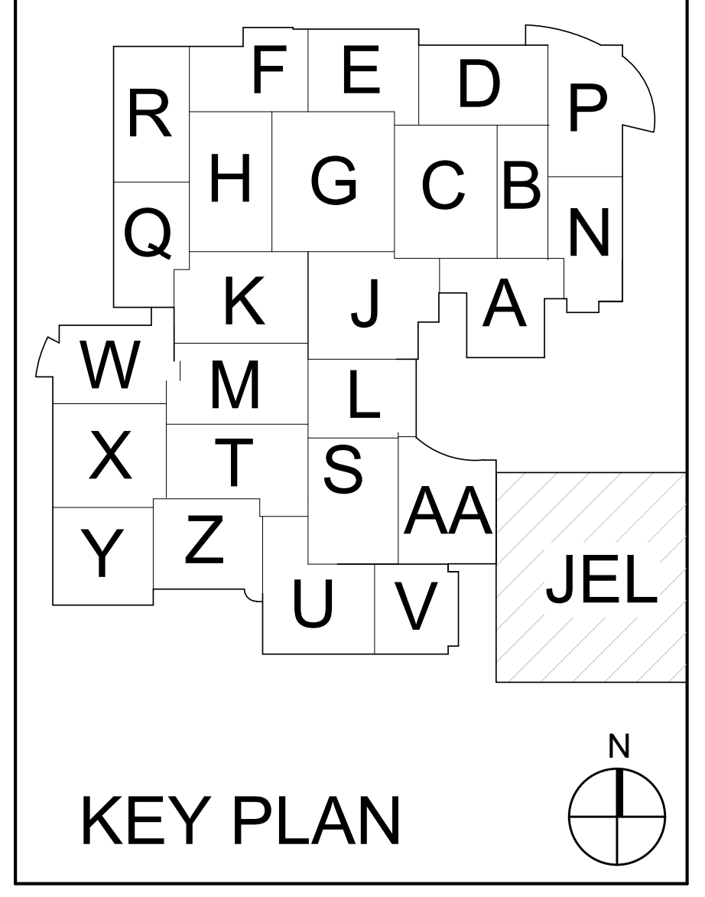

KEY PLAN

M.S.D. of Washington Township

North Central High School Renovation - Additions Phase 3

AV DIAGRAM

T316.3

1

T316.3_ AV DIAGRAM
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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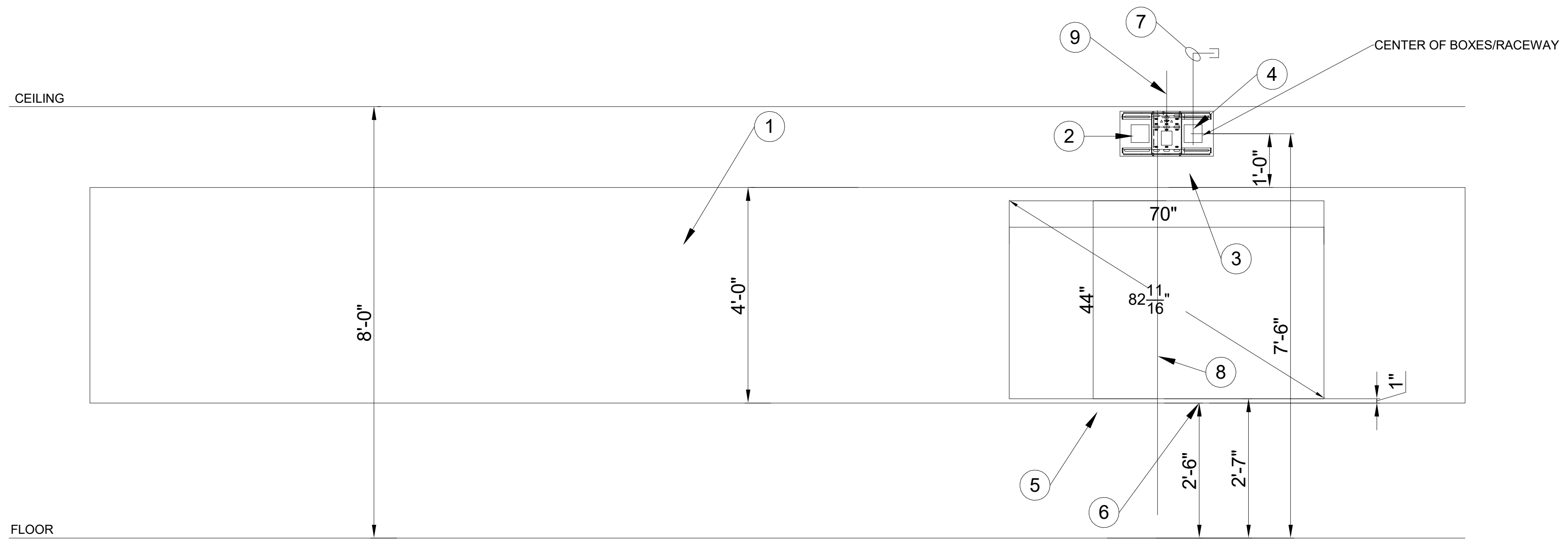


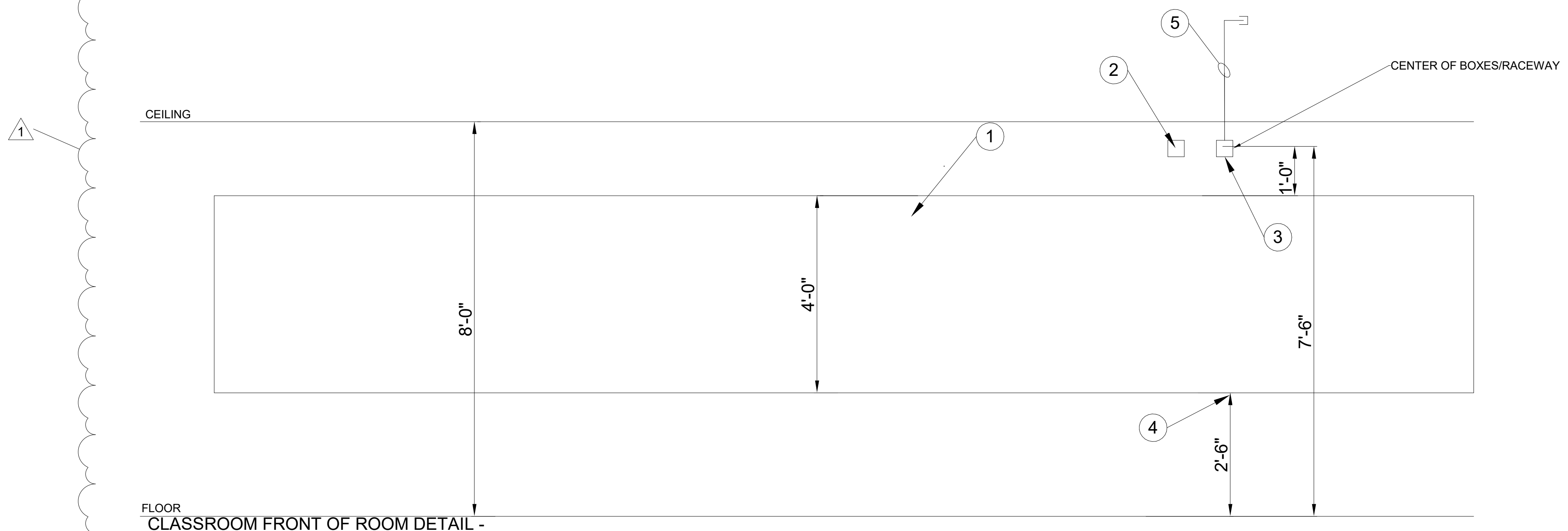
① CLASSROOM FRONT OF ROOM DETAIL - 4FT BOARD (FLUSH MOUNTED)
N.T.S.

GENERAL NOTES:

1. FIELD VERIFY EXACT LOCATIONS AND REQUIREMENTS WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
2. ALL BOXES SHALL BE FLUSH MOUNTED WITH CONDUIT CONCEALED IN WALL. CHANNEL AND PATCH WALLS AS REQUIRED.
3. MARKERBOARD SHALL BE RAISED WHERE CEILING IS HIGHER THAN 8'.

NOTES:

① MARKERBOARD LOCATIONS. REFER TO A-SERIES DRAWINGS.
② ELECTRICAL OUTLET LOCATION TO SERVE SHORT THROW PROJECTOR
③ SHORT THROW PROJECTOR BACKBOX/RACEWAY.
④ SHORT THROW PROJECTOR MOUNTING BRACKET (BY OTHERS)
⑤ SHORT THROW PROJECTOR IMAGE AREA (APPROXIMATE)
⑥ WHITEBOARD LOCATION MOUNTED AT REQUIRED HEIGHT ONCE PROJECTOR BRACKET IS INSTALLED.
⑦ RACEWAYS AS REQUIRED STUBBED INTO ACCESSIBLE CEILING SPACE OF ROOM.
⑧ CENTERLINE OF IMAGE AREA OFFSET 2" FROM CENTERLINE OF PROJECTOR MOUNTING BRACKET
⑨ CENTERLINE OF PROJECTOR MOUNTING BRACKET



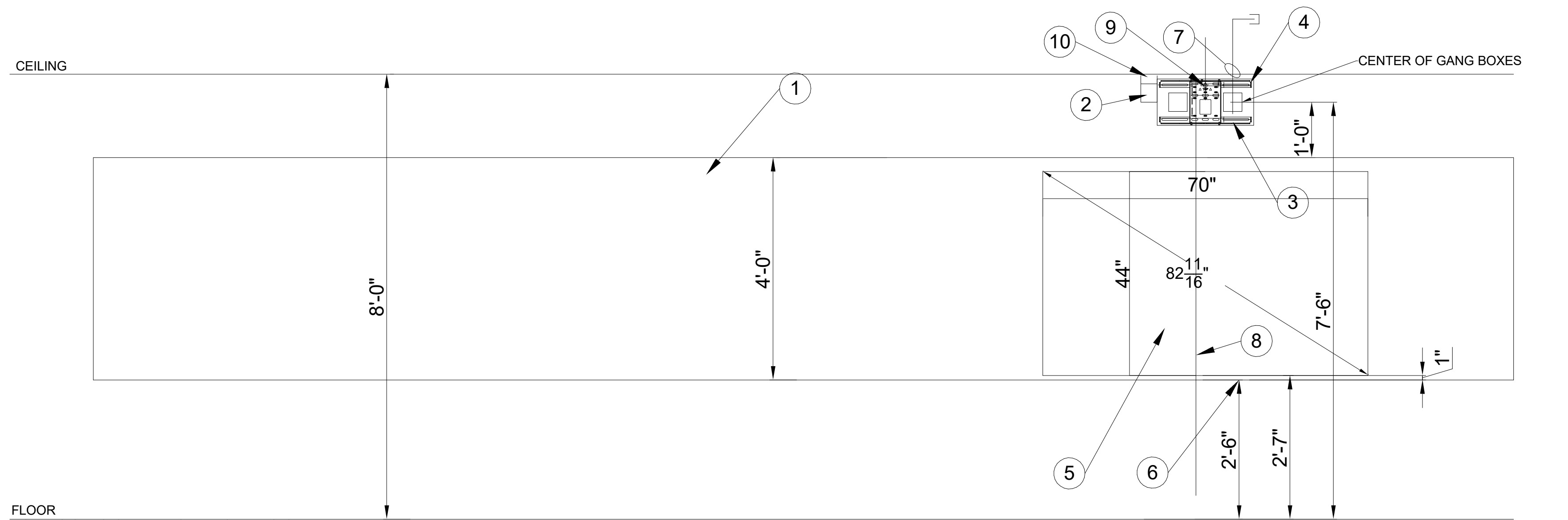
② CLASSROOM FRONT OF ROOM DETAIL - 4FT BOARD (STP ROUGH-IN)
N.T.S.

GENERAL NOTES:

1. FIELD VERIFY EXACT LOCATIONS AND REQUIREMENTS WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
2. FLUSH MOUNTED BOXES SHALL BE INSTALLED WITH CONDUIT CONCEALED IN WALL. CHANNEL AND PATCH WALLS AS REQUIRED.
3. MARKERBOARD SHALL BE RAISED WHERE CEILING IS HIGHER THAN 8'.

NOTES:

① MARKERBOARD LOCATION. REFER TO A-SERIES DRAWINGS.
② ELECTRICAL OUTLET LOCATION.
③ SHORT THROW PROJECTOR ROUGH-IN LOCATION.
④ MARKERBOARD LOCATION MOUNTED AT REQUIRED HEIGHT.
⑤ CONDUITS AS REQUIRED STUBBED INTO ACCESSIBLE CEILING.



③ CLASSROOM FRONT OF ROOM DETAIL - 4FT BOARD (SURFACE MOUNTED)
N.T.S.

GENERAL NOTES:

1. FIELD VERIFY EXACT LOCATIONS AND REQUIREMENTS WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
2. MARKERBOARD SHALL BE RAISED WHERE CEILING IS HIGHER THAN 8'.

NOTES:

① MARKERBOARD LOCATION. REFER TO A-SERIES DRAWINGS.
② ELECTRICAL OUTLET LOCATION TO SERVE SURFACE MOUNTED SHORT THROW PROJECTOR LOCATIONS.
③ SHORT THROW PROJECTOR BACKBOX/RACEWAY.
④ SHORT THROW PROJECTOR MOUNTING BRACKET (BY OTHERS).
⑤ SHORT THROW PROJECTOR IMAGE AREA (APPROXIMATE).
⑥ MARKERBOARD LOCATION MOUNTED AT REQUIRED HEIGHT ONCE PROJECTOR BRACKET IS INSTALLED.
⑦ RACEWAYS AS REQUIRED STUBBED INTO ACCESSIBLE CEILING SPACE OF ROOM.
⑧ CENTERLINE OF IMAGE AREA OFFSET 2" FROM CENTERLINE OF PROJECTOR MOUNTING BRACKET.
⑨ CENTERLINE OF PROJECTOR MOUNTING BRACKET.
⑩ DUAL COMPARTMENT RACEWAY FOR SURFACE MOUNTED SHORT THROW PROJECTOR LOCATIONS.

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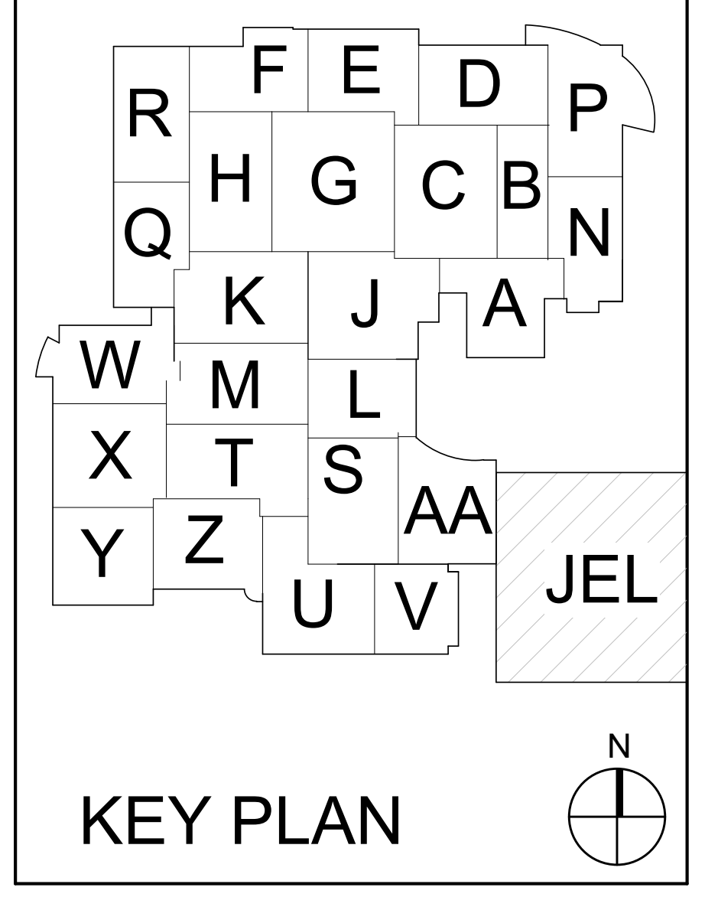


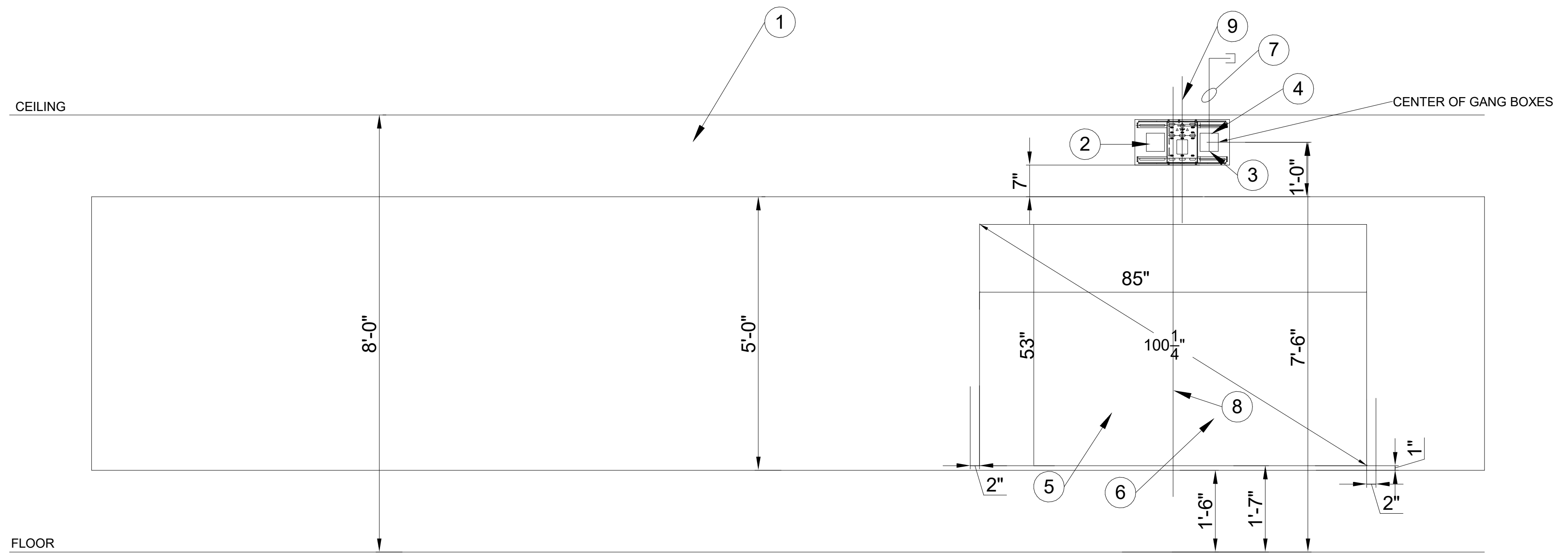
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

AV DIAGRAM

T317.3



① CLASSROOM FRONT OF ROOM DETAIL -
5FT BOARD (FLUSH MOUNTED)
N.T.S.

GENERAL NOTES:

1. FIELD VERIFY EXACT LOCATIONS AND REQUIREMENTS WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
2. ALL BOXES SHALL BE FLUSH MOUNTED WITH CONDUIT CONCEALED IN WALL. CHANNEL AND PATCH WALLS AS REQUIRED.
3. MARKERBOARD SHALL BE RAISED WHERE CEILING IS HIGHER THAN 8'.

NOTES:

① MARKERBOARD LOCATIONS. REFER TO A-SERIES DRAWINGS.
② ELECTRICAL OUTLET LOCATION TO SERVE SHORT THROW PROJECTOR
③ SHORT THROW PROJECTOR BACKBOX/RACEWAY.
④ SHORT THROW PROJECTOR MOUNTING BRACKET (BY OTHERS)
⑤ SHORT THROW PROJECTOR IMAGE AREA (APPROXIMATE)
⑥ WHITEBOARD LOCATION MOUNTED AT REQUIRED HEIGHT ONCE PROJECTOR BRACKET IS INSTALLED.
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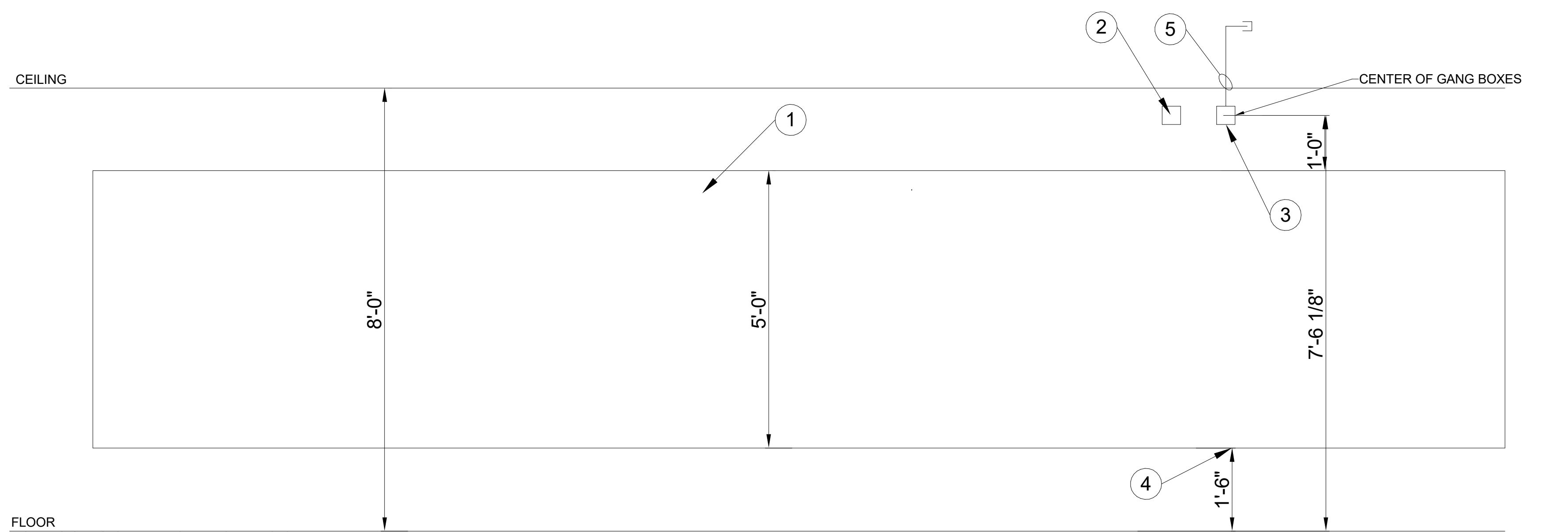
⑧ CENTERLINE OF IMAGE AREA OFFSET 2" FROM CENTERLINE OF PROJECTOR MOUNTING BRACKET
⑨ CENTERLINE OF PROJECTOR MOUNTING BRACKET



② CLASSROOM FRONT OF ROOM DETAIL -
5FT BOARD (STP ROUGH-IN)
N.T.S.

GENERAL NOTES:

1. FIELD VERIFY EXACT LOCATIONS AND REQUIREMENTS WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
2. FLUSH MOUNTED BOXES SHALL BE INSTALLED WITH CONDUIT CONCEALED IN WALL. CHANNEL AND PATCH WALLS AS REQUIRED.
3. MARKERBOARD SHALL BE RAISED WHERE CEILING IS HIGHER THAN 8'.

NOTES:

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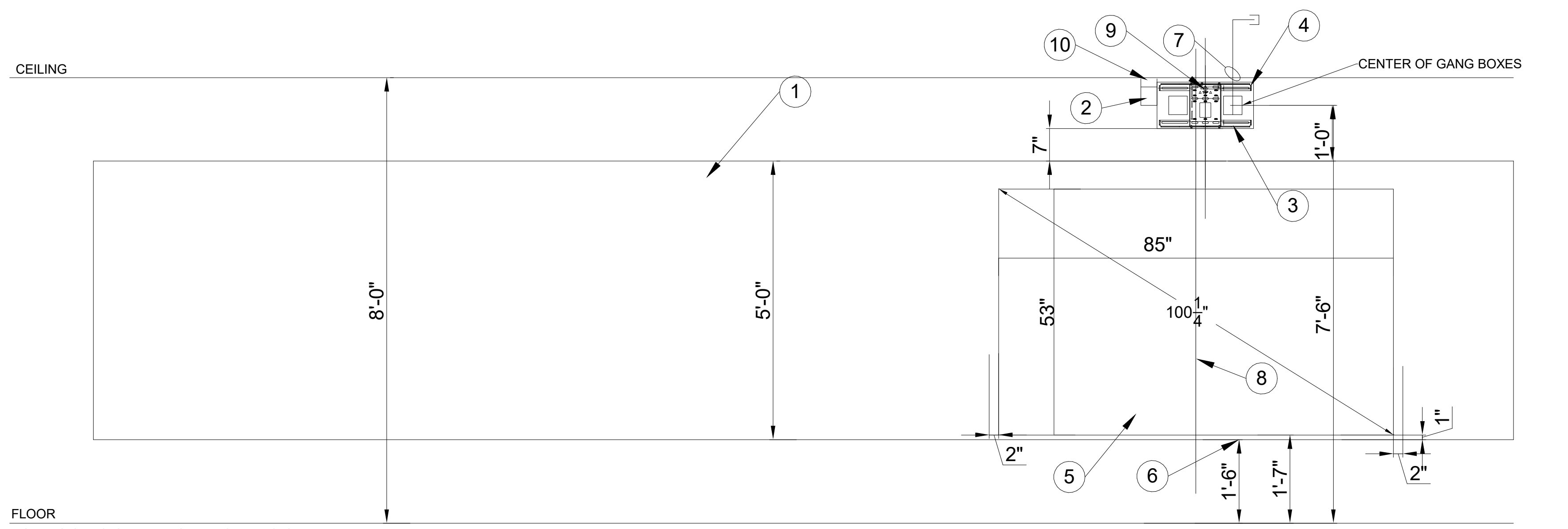
② ELECTRICAL OUTLET LOCATION.
③ SHORT THROW PROJECTOR ROUGH-IN LOCATION.
④ MARKERBOARD LOCATION MOUNTED AT REQUIRED HEIGHT.
⑤ CONDUITS AS REQUIRED STUBBED INTO ACCESSIBLE CEILING.



③ CLASSROOM FRONT OF ROOM DETAIL -
5FT BOARD (SURFACE MOUNTED)
N.T.S.

GENERAL NOTES:

1. FIELD VERIFY EXACT LOCATIONS AND REQUIREMENTS WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
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② ELECTRICAL OUTLET LOCATION TO SERVE SURFACE MOUNTED SHORT THROW PROJECTOR LOCATIONS.
③ SHORT THROW PROJECTOR BACKBOX/RACEWAY.
④ SHORT THROW PROJECTOR MOUNTING BRACKET (BY OTHERS).
⑤ SHORT THROW PROJECTOR IMAGE AREA (APPROXIMATE).
⑥ MARKERBOARD LOCATION MOUNTED AT REQUIRED HEIGHT ONCE PROJECTOR BRACKET IS INSTALLED.
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⑧ CENTERLINE OF IMAGE AREA OFFSET 2" FROM CENTERLINE OF PROJECTOR MOUNTING BRACKET.
⑨ CENTERLINE OF PROJECTOR MOUNTING BRACKET.
⑩ DUAL COMPARTMENT RACEWAY FOR SURFACE MOUNTED SHORT THROW PROJECTOR LOCATIONS.

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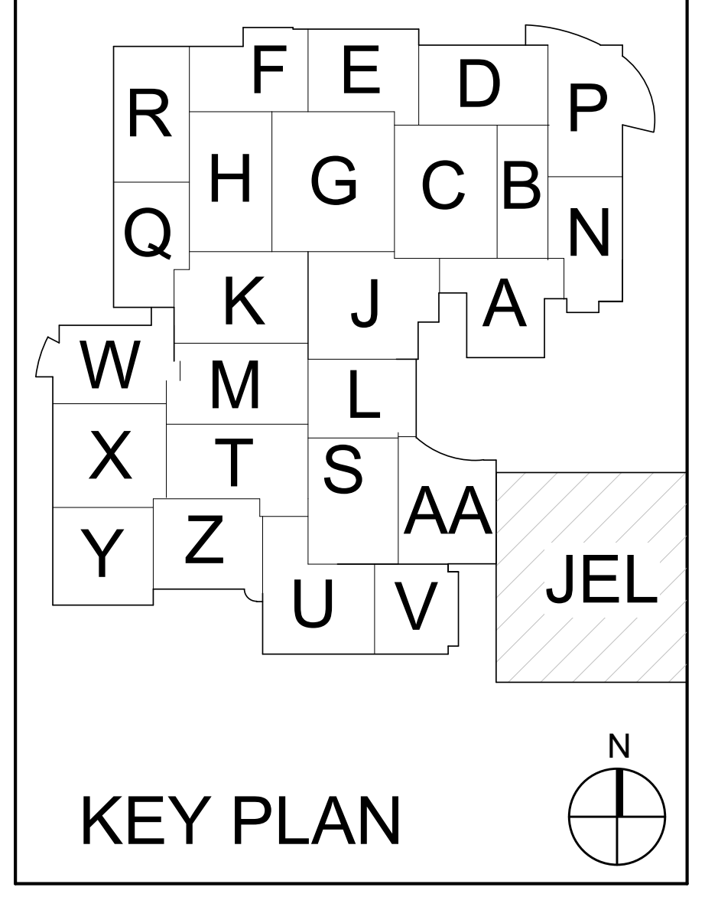
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced MJC D27

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Matthew Connolly
BICSI ID # 212593
EXPIRES 12-31-24
RCDD

#	Revision	Date
A2.3	Addendum 2.3	03/22/2023

1801 East 86th Street
Indianapolis, IN 46240



KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

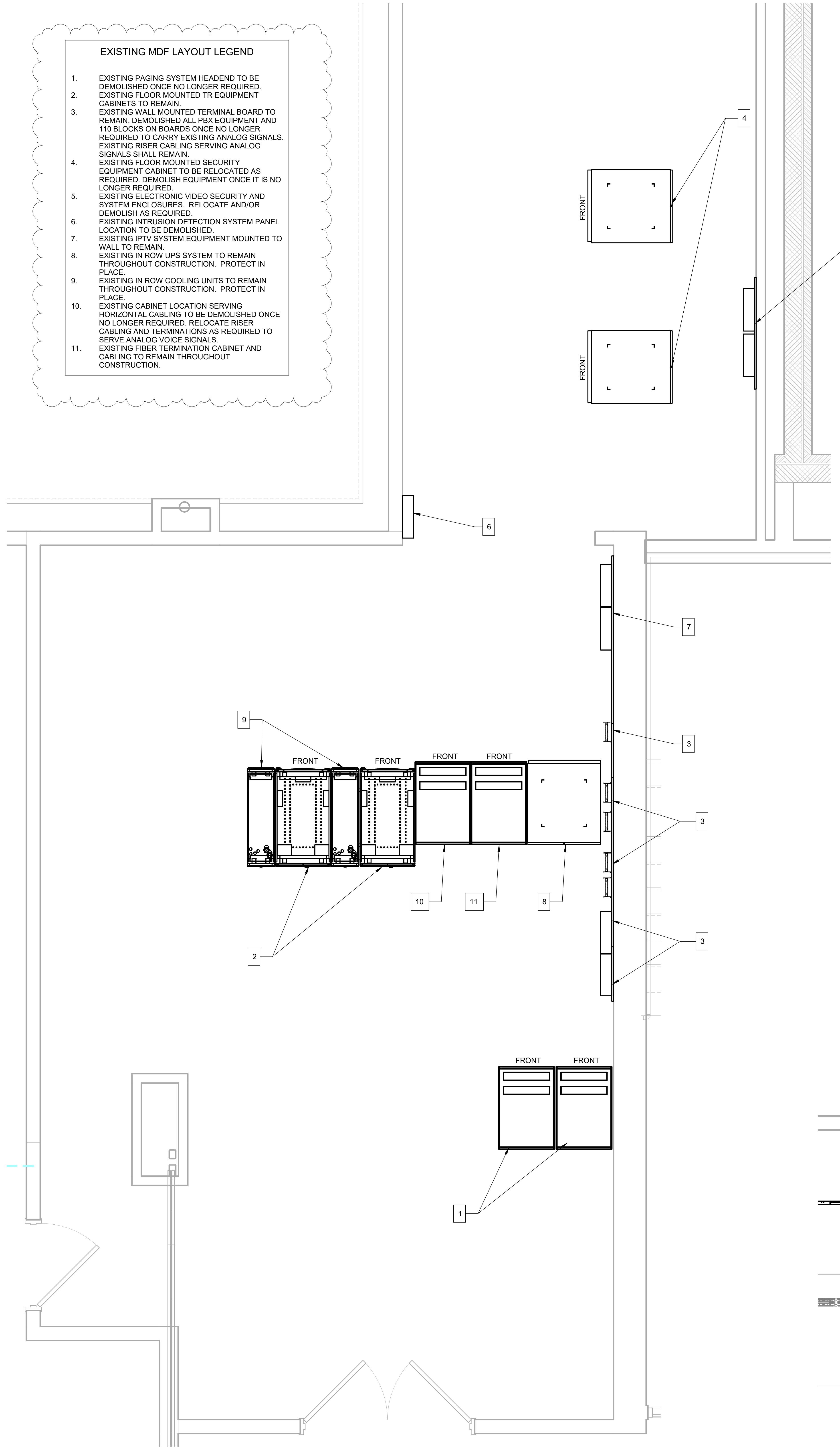
AV DIAGRAM

T318.3

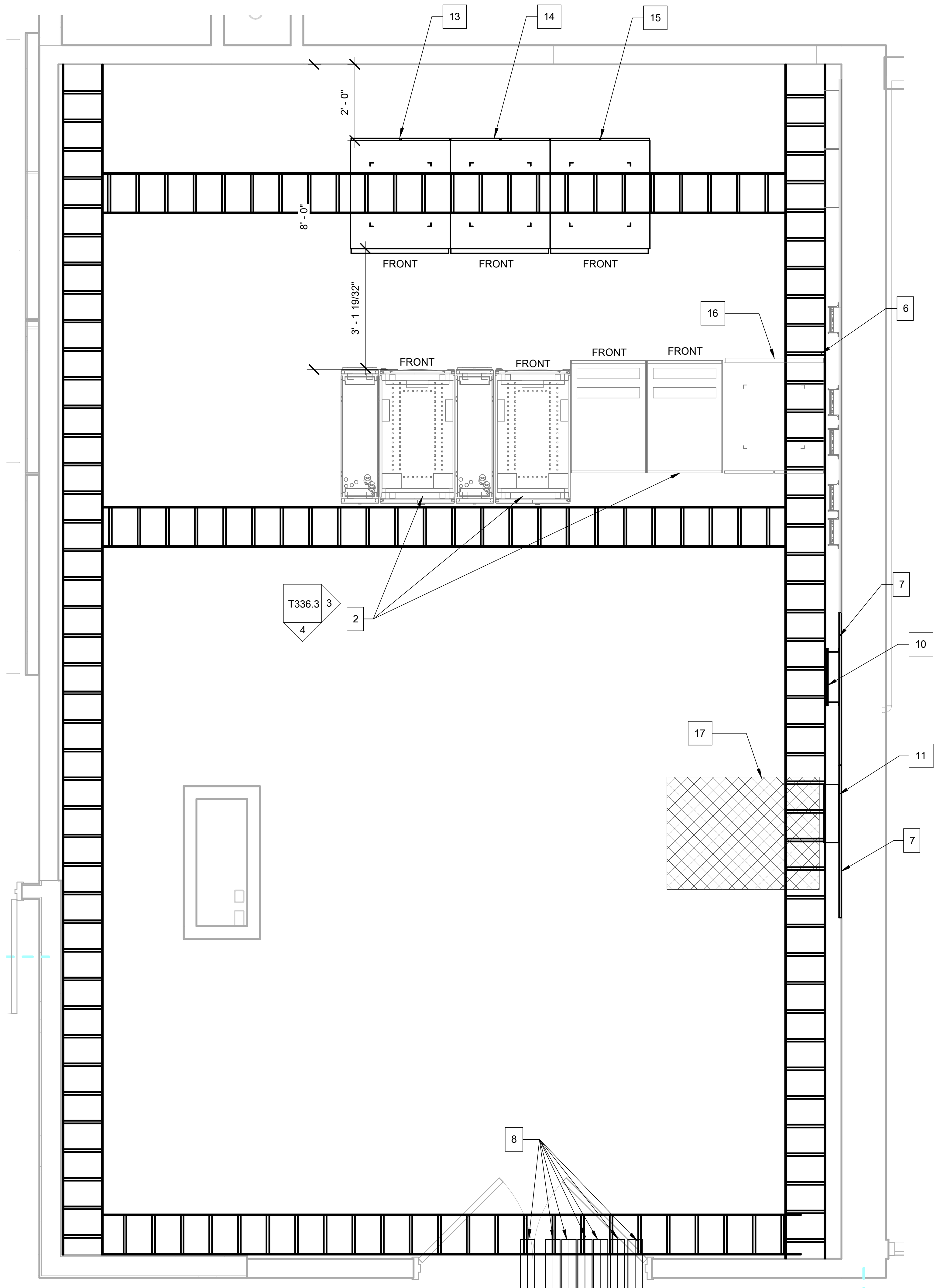
T318.3_ AV DIAGRAM
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
Autodesk Docs://2020-26 Schmidt - MSDWT North Central Reno/2019-067.NCH_Sector1_T_2022_Central.rvt
3/22/2023 12:12:39 PM

EXISTING MDF LAYOUT LEGEND

1. EXISTING PAGING SYSTEM HEADEND TO BE DEMOLISHED ONCE NO LONGER REQUIRED.
2. EXISTING FLOOR MOUNTED TR EQUIPMENT CABINETS TO REMAIN.
3. EXISTING WALL MOUNTED TERMINAL BOARD TO REMAIN. DEMOLISHED ALL PBX EQUIPMENT AND 110 BLOCKS ON BOARDS ONCE NO LONGER REQUIRED TO CARRY EXISTING ANALOG SIGNALS. EXISTING RISER CABLING SERVING ANALOG SIGNALS SHALL REMAIN.
4. EXISTING FLOOR MOUNTED SECURITY EQUIPMENT CABINET TO BE RELOCATED AS REQUIRED. DEMOLISH EQUIPMENT ONCE IT IS NO LONGER REQUIRED.
5. EXISTING ELECTRONIC VIDEO SECURITY AND SYSTEM ENCLOSURES. RELOCATE AND/OR DEMOLISH AS REQUIRED.
6. EXISTING INTRUSION DETECTION SYSTEM PANEL LOCATION TO BE DEMOLISHED.
7. EXISTING IPTV SYSTEM EQUIPMENT MOUNTED TO WALL TO REMAIN.
8. EXISTING IN ROW UPS SYSTEM TO REMAIN THROUGHOUT CONSTRUCTION. PROTECT IN PLACE.
9. EXISTING IN ROW COOLING UNITS TO REMAIN THROUGHOUT CONSTRUCTION. PROTECT IN PLACE.
10. EXISTING CABINET LOCATION SERVING HORIZONTAL CABLING TO BE DEMOLISHED ONCE NO LONGER REQUIRED. RELOCATE RISER CABLING AND TERMINATIONS AS REQUIRED TO SERVE ANALOG VOICE SIGNALS.
11. EXISTING FIBER TERMINATION CABINET AND CABLING TO REMAIN THROUGHOUT CONSTRUCTION.



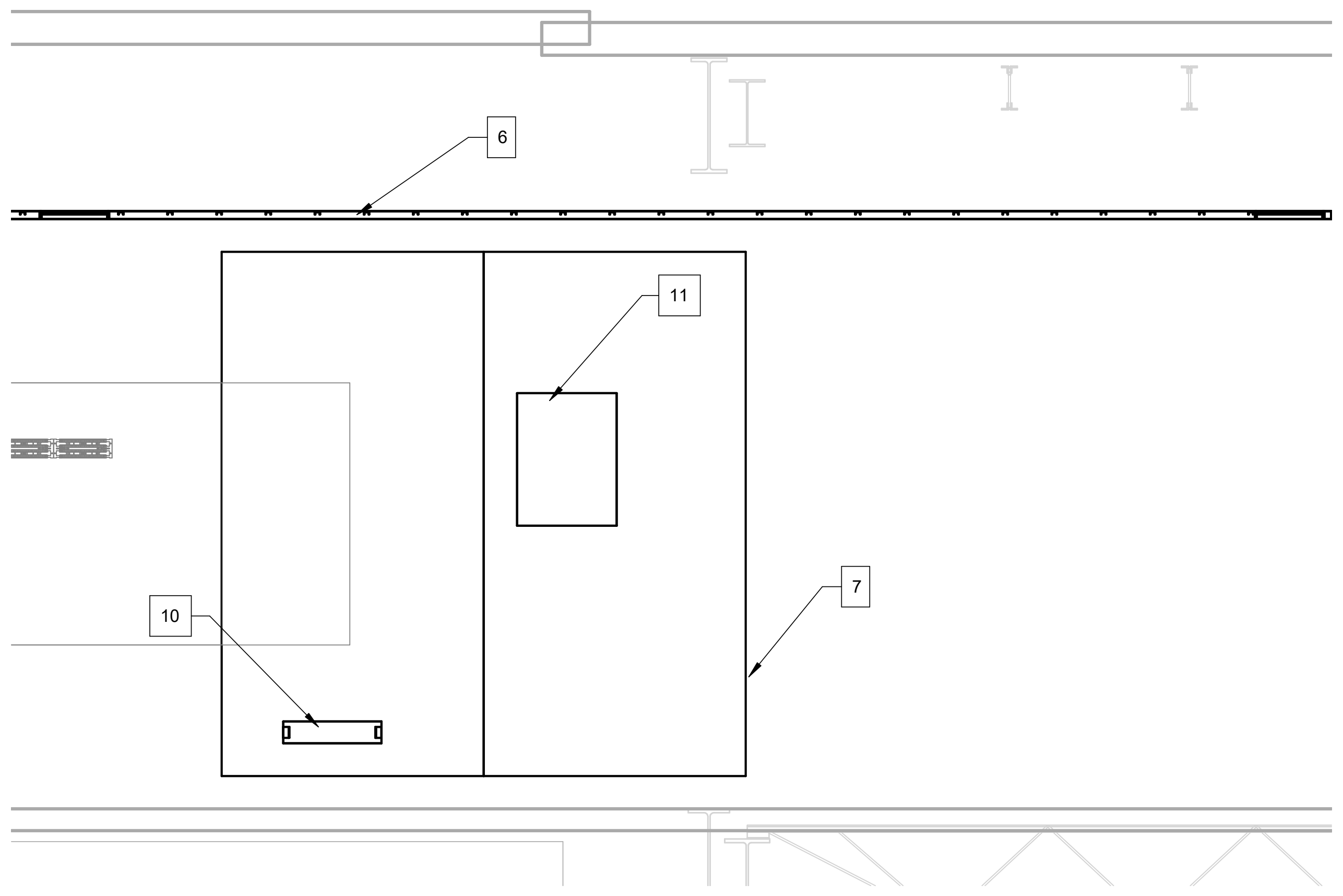
1 EXISTING MDF 23 ENLARGED LAYOUT
1/2" = 1'-0"



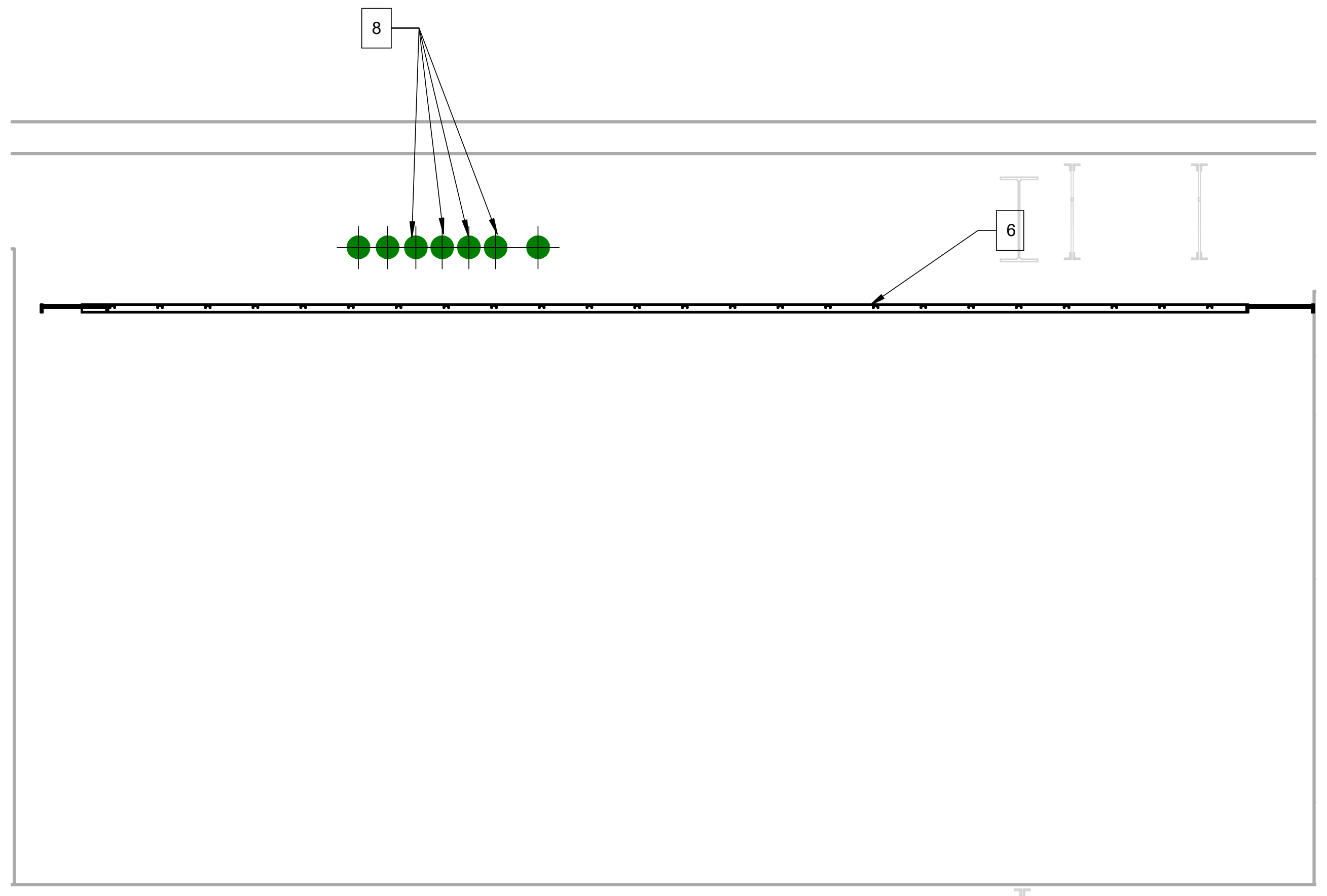
2 NEW MDF/IDF 23 (A220) ENLARGED LAYOUT
1/2" = 1'-0"

NEW MDF LAYOUT LEGEND

1. EXISTING WALL MOUNTED TR EQUIPMENT CABINET
2. EXISTING FLOOR MOUNTED TR EQUIPMENT CABINET.
3. EXISTING WALL MOUNTED FIBER TERMINATION ENCLOSURE
4. EXISTING HORIZONTAL CONDUIT SLEEVE
5. EXISTING VERTICAL CONDUIT SLEEVE
6. NEW 12" TR CABLE TRAY. COORDINATE FINAL HEIGHT WITH LOCATION OF EXISTING EQUIPMENT AND CABLING. ALL EXISTING CABLING TO REMAIN SHALL BE RELOCATED TO TRAY AS NEEDED TO PROPERLY SUPPORT CABLING.
7. NEW TR PLYWOOD
8. NEW HORIZONTAL CONDUIT SLEEVE
9. NEW VERTICAL CONDUIT SLEEVE
10. NEW TELECOM GROUNDING BUSBAR
11. NEW ELECTRONIC ACCESS CONTROL ENCLOSURE
12. NEW INTRUSION DETECTION SYSTEM ENCLOSURE
13. NEW FLOOR MOUNTED TR EQUIPMENT CABINET TO SERVE NEW HORIZONAL CABLING AND EQUIPMENT AS REQUIRED.
14. NEW FLOOR MOUNTED TR EQUIPMENT CABINET TO SERVE RELOCATED EXISTING SECURITY EQUIPMENT AS REQUIRED.
15. NEW FLOOR MOUNTED TR EQUIPMENT CABINET TO SERVE FUTURE EQUIPMENT.
16. EXISTING UPS LOCATION. CONNECT OFCI IN RACK PDU UNITS TO THIS UPS AS REQUIRED.
17. EXISTING PAGING SYSTEM RACKS TO REMAIN UNTIL NO LONGER REQUIRED. DEMOLISH COMPLETE INCLUDING CABLING.



3 NEW MDF/IDF 23 (A220) EAST ELEVATION
1/2" = 1'-0"



4 NEW MDF/IDF 23 (A220) SOUTH ELEVATION
1/2" = 1'-0"

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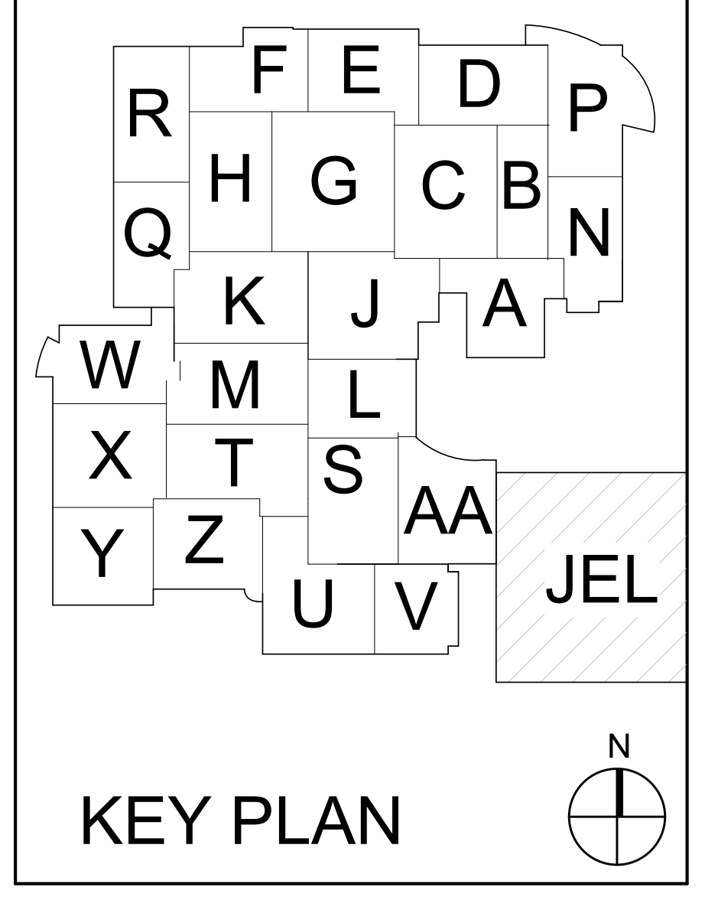

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

ENLARGED TR LAYOUTS / ELEVATIONS

T336.3

T336.3_ ENLARGED TR LAYOUTS / ELEVATIONS
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
Autodesk Docs://2020-26 Schmidt - MSDWT North Central Reno/2019-067.NCH_Sector1_T_2022_Central.rvt
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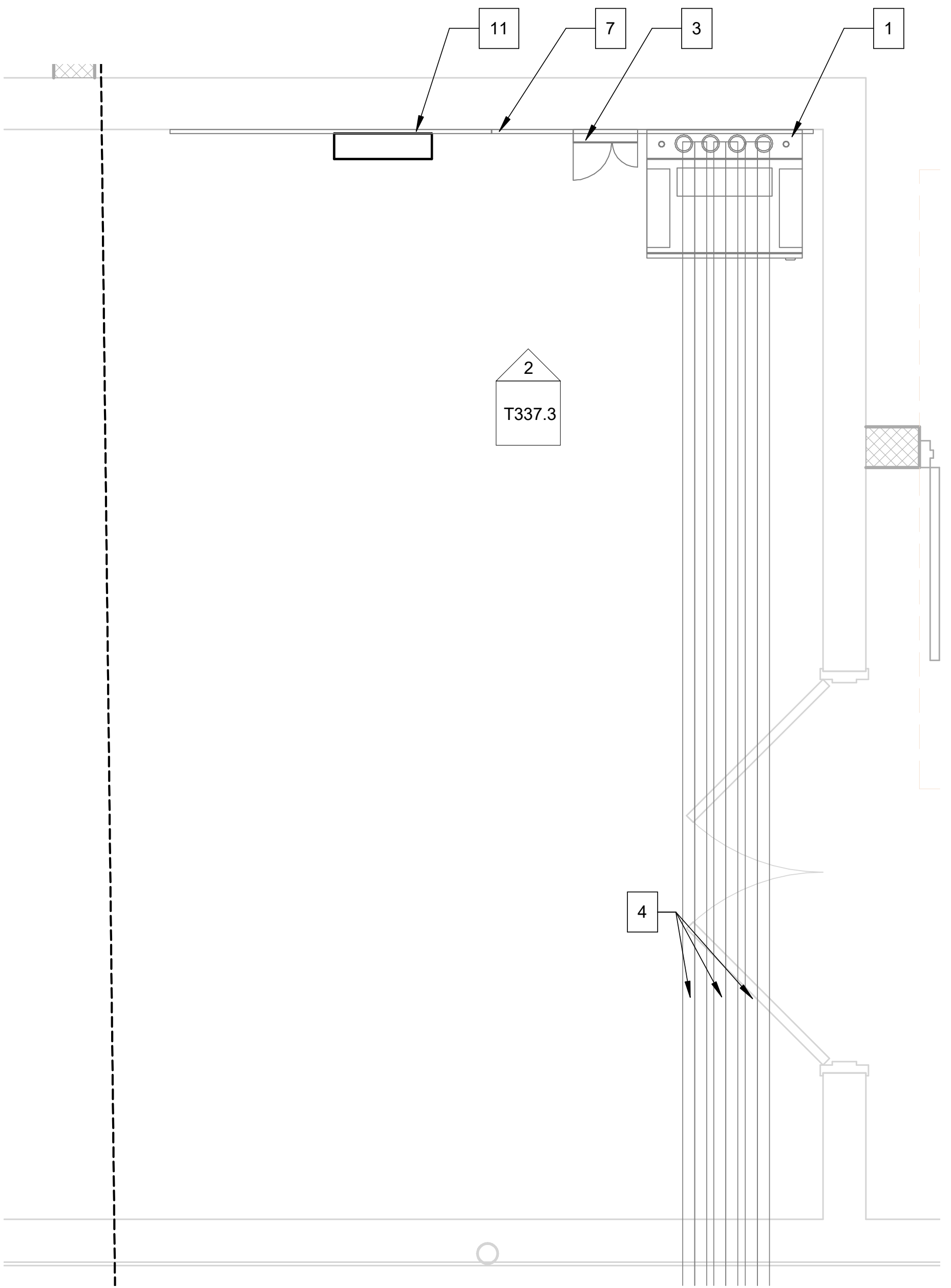
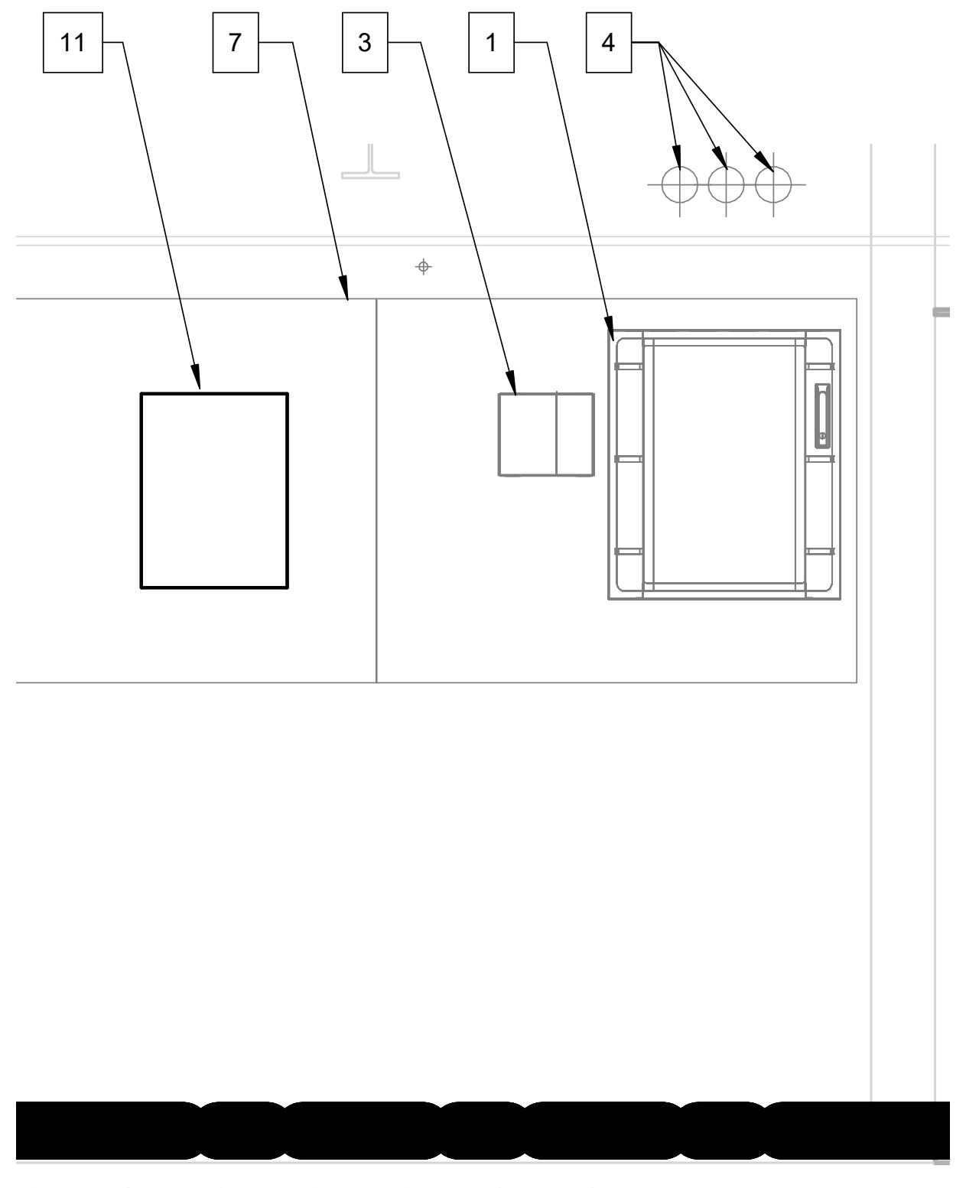
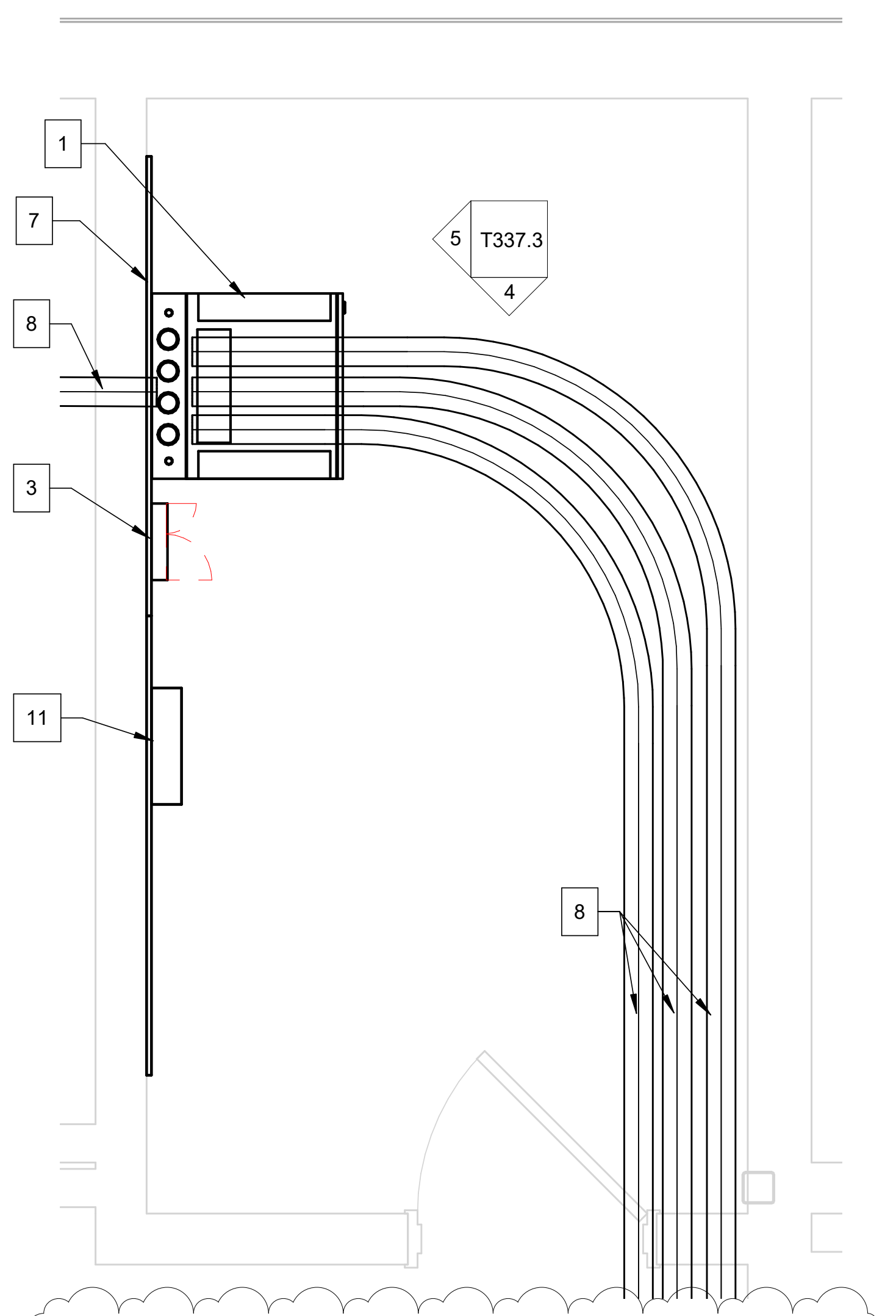


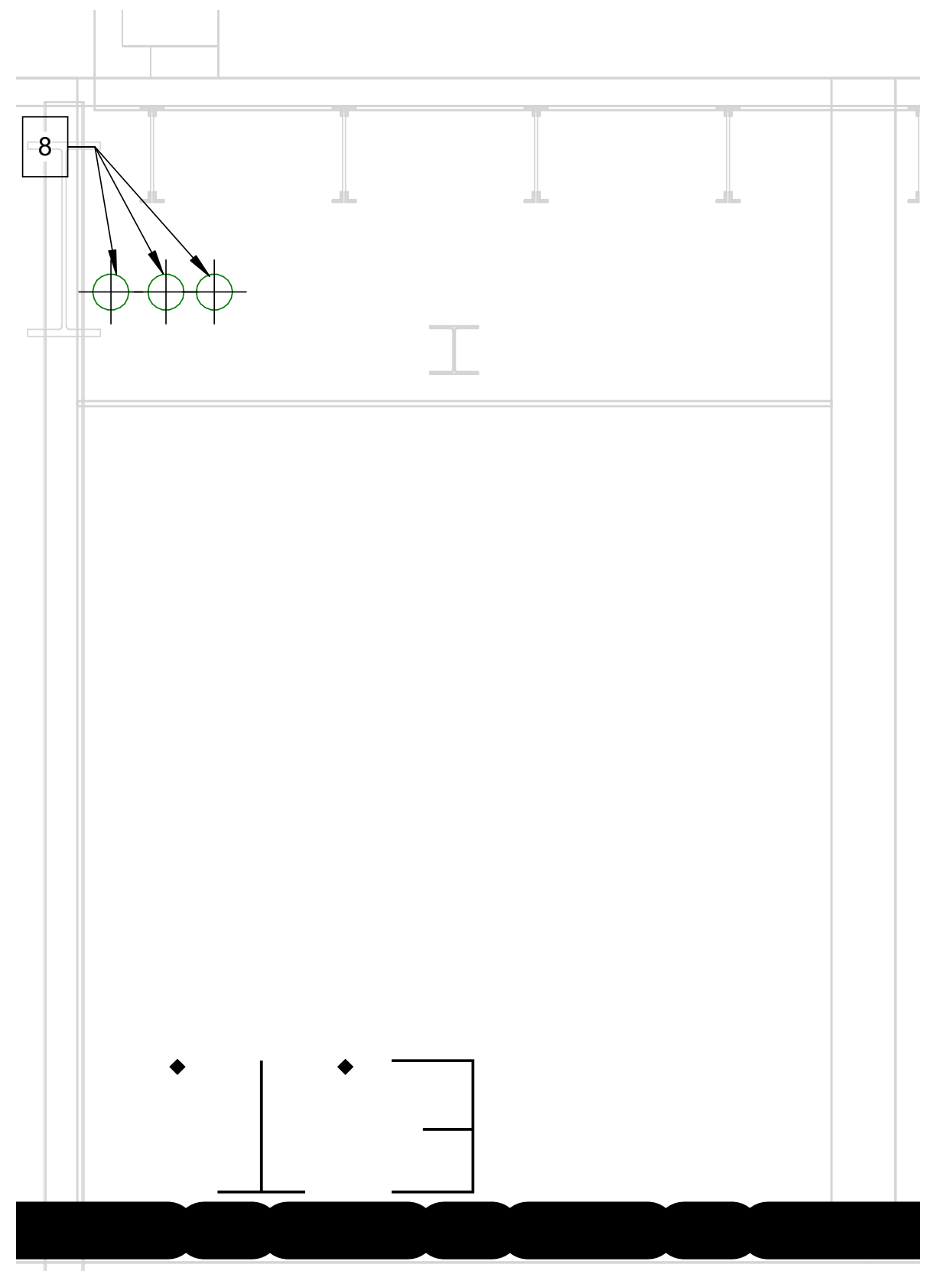
① IDF 7 (E116K) ENLARGED LAYOUT
1/2" = 1'-0"



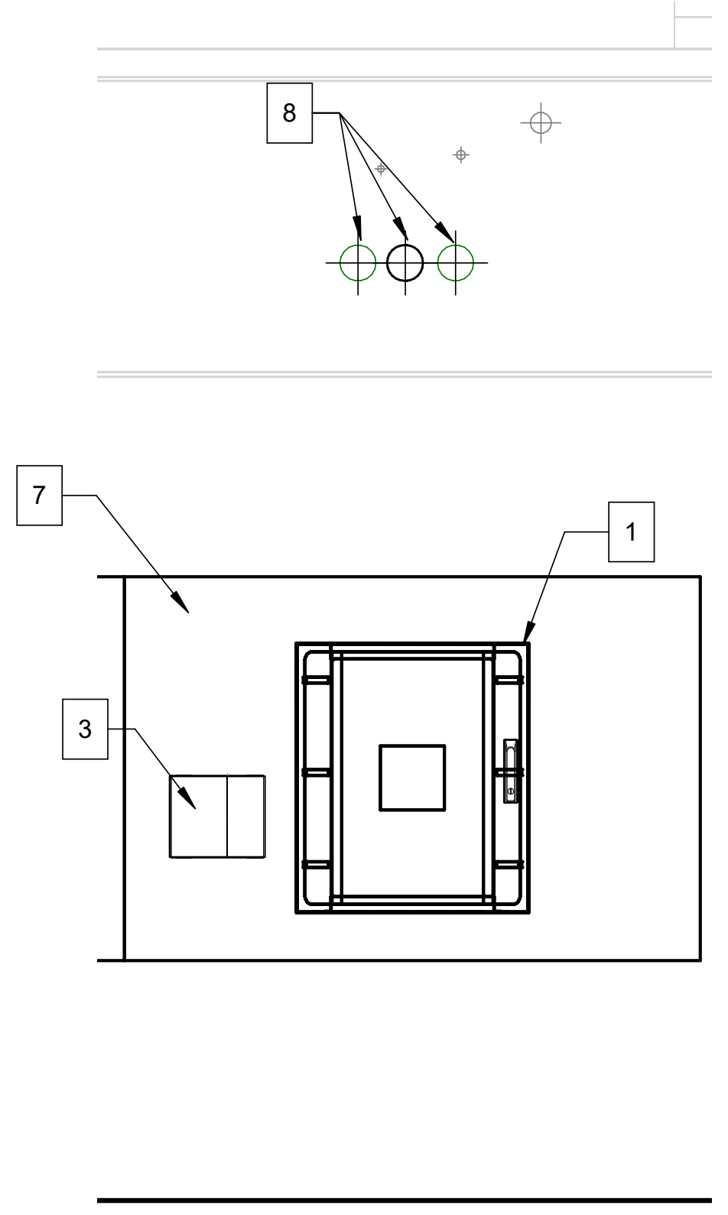
② IDF 7 (E116K) - NORTH ELEVATION
1/2" = 1'-0"



③ IDF 8 (F106) ENLARGED LAYOUT
1/2" = 1'-0"



④ IDF 8 (F106) - SOUTH ELEVATION
1/2" = 1'-0"



⑤ IDF 8 (F106) - WEST ELEVATION
1/2" = 1'-0"

TR LAYOUT LEGEND

1. EXISTING WALL MOUNTED TR EQUIPMENT CABINET
2. EXISTING FLOOR MOUNTED TR EQUIPMENT CABINET
3. EXISTING WALL MOUNTED FIBER TERMINATION ENCLOSURE
4. EXISTING HORIZONTAL CONDUIT SLEEVE
5. EXISTING VERTICAL CONDUIT SLEEVE
6. NEW 12" TR CABLE TRAY
7. NEW TR PLYWOOD
8. NEW HORIZONTAL CONDUIT SLEEVE
9. NEW VERTICAL CONDUIT SLEEVE
10. NEW TELECOM GROUNDING BUSBAR
11. NEW ELECTRONIC ACCESS CONTROL ENCLOSURE
12. NEW INTRUSION DETECTION SYSTEM ENCLOSURE

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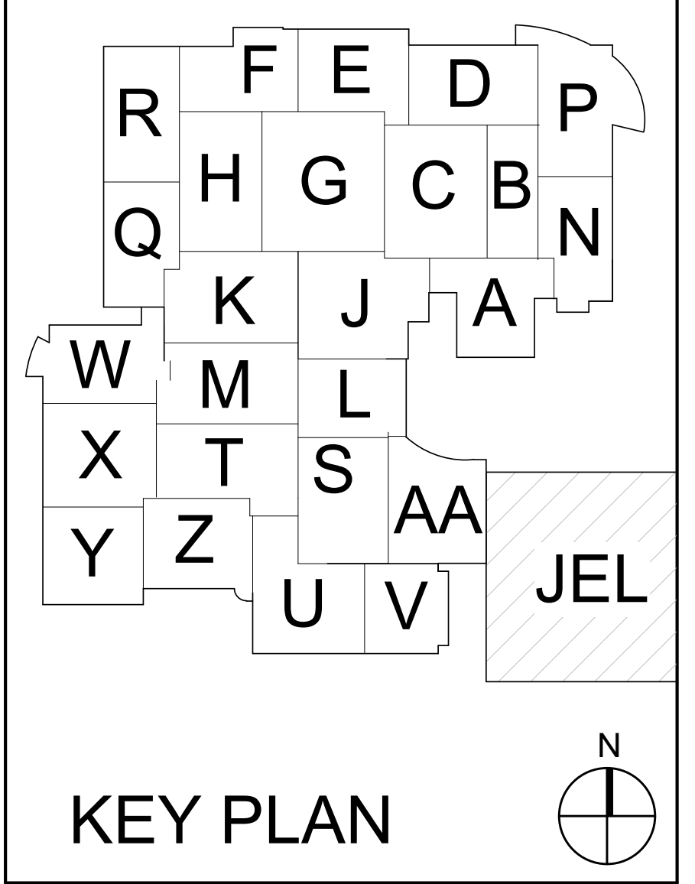
A2.3	Addendum 2.3	03.22.2023

1801 East 86th Street
Indianapolis, IN 46240



KEY PLAN

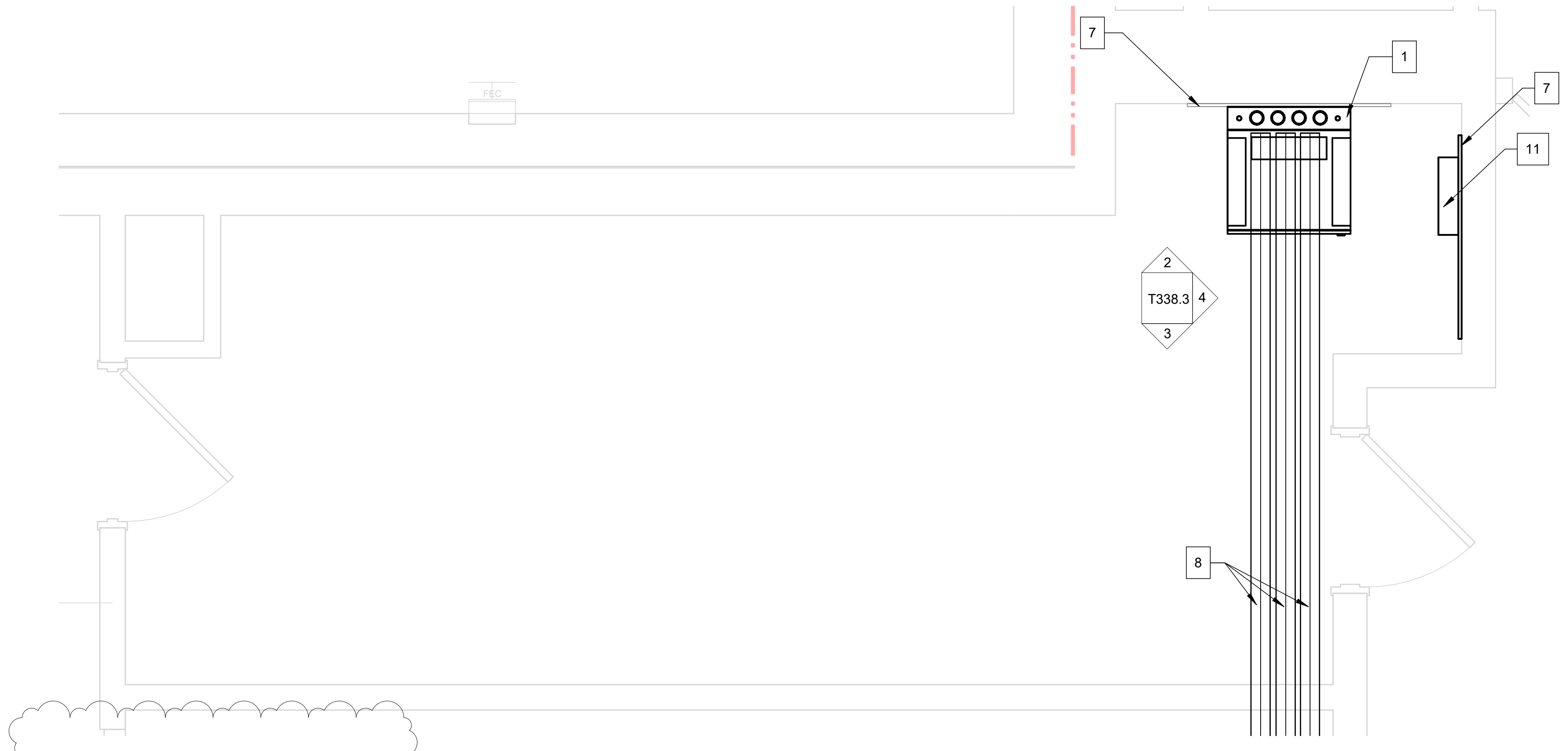
M.S.D. of Washington
Township

North Central High School
Renovation - Additions
Phase 3

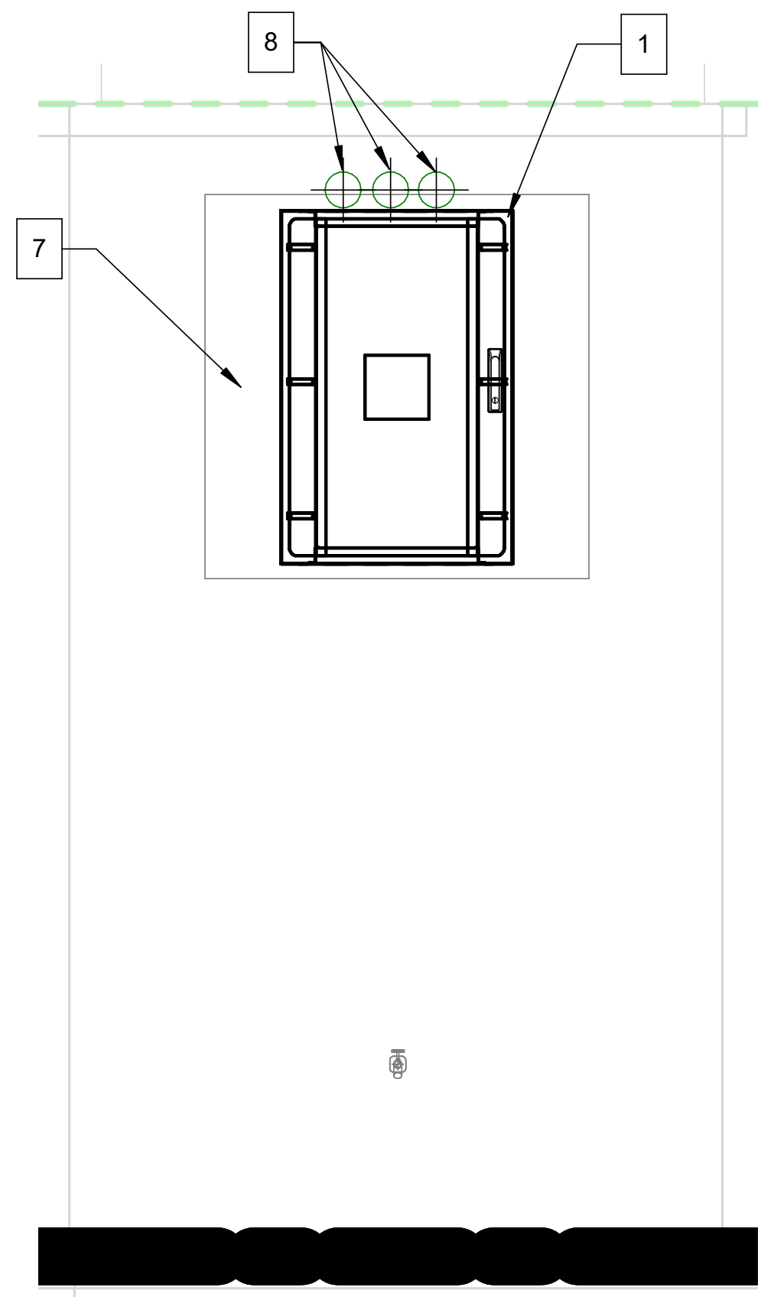
ENLARGED TR LAYOUTS /
ELEVATIONS

T337.3

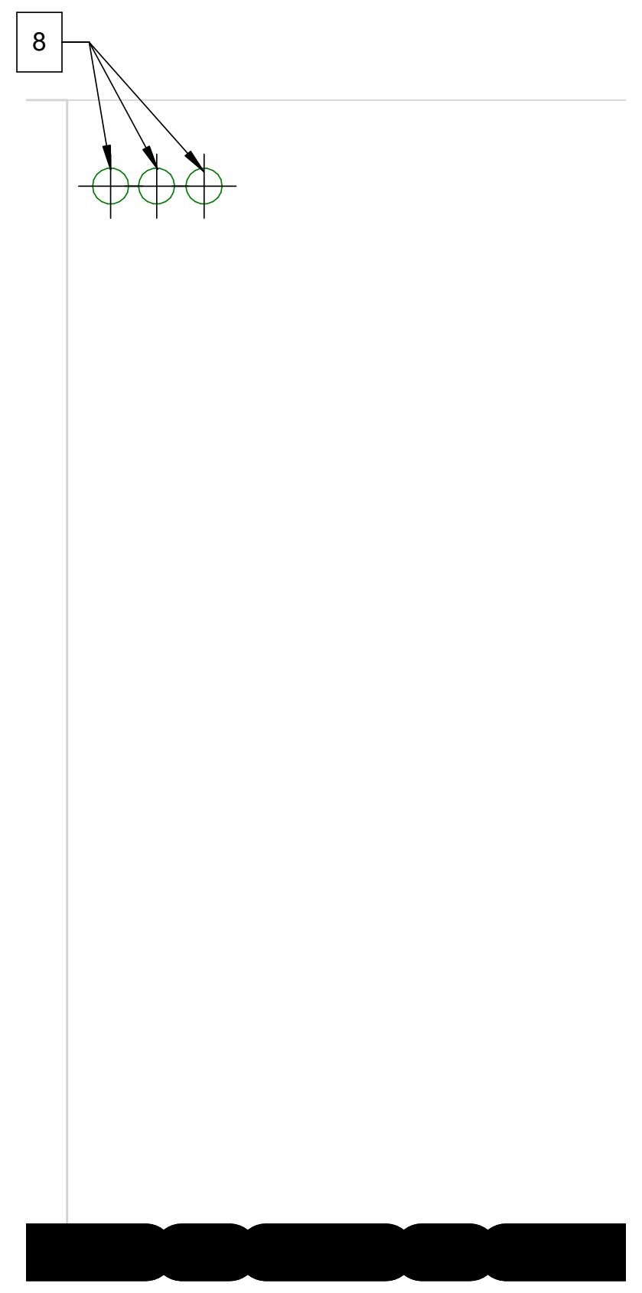
T337.3_ ENLARGED TR LAYOUTS / ELEVATIONS
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
Autodesk Docs://2020-26 Schmidt - MSDWT North Central Reno/2019-067.NCH_Sector2_T_2022_Central.rvt
3/22/2023 10:45:35 AM



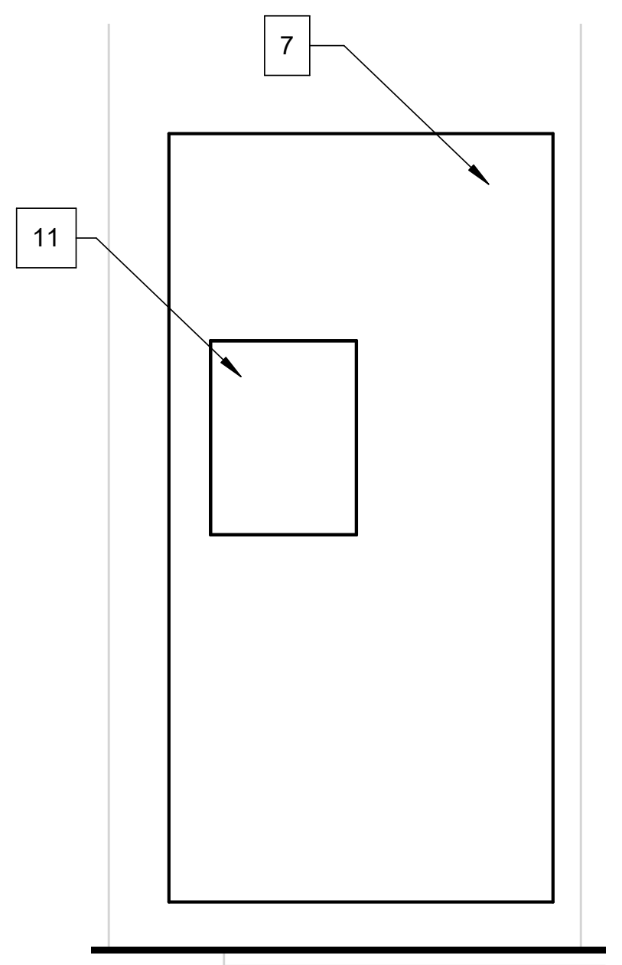
1 IDF IDF 9 (G114D) ENLARGED LAYOUT
1/2" = 1'-0"



2 IDF 9 (G114D) - NORTH ELEVATION
1/2" = 1'-0"



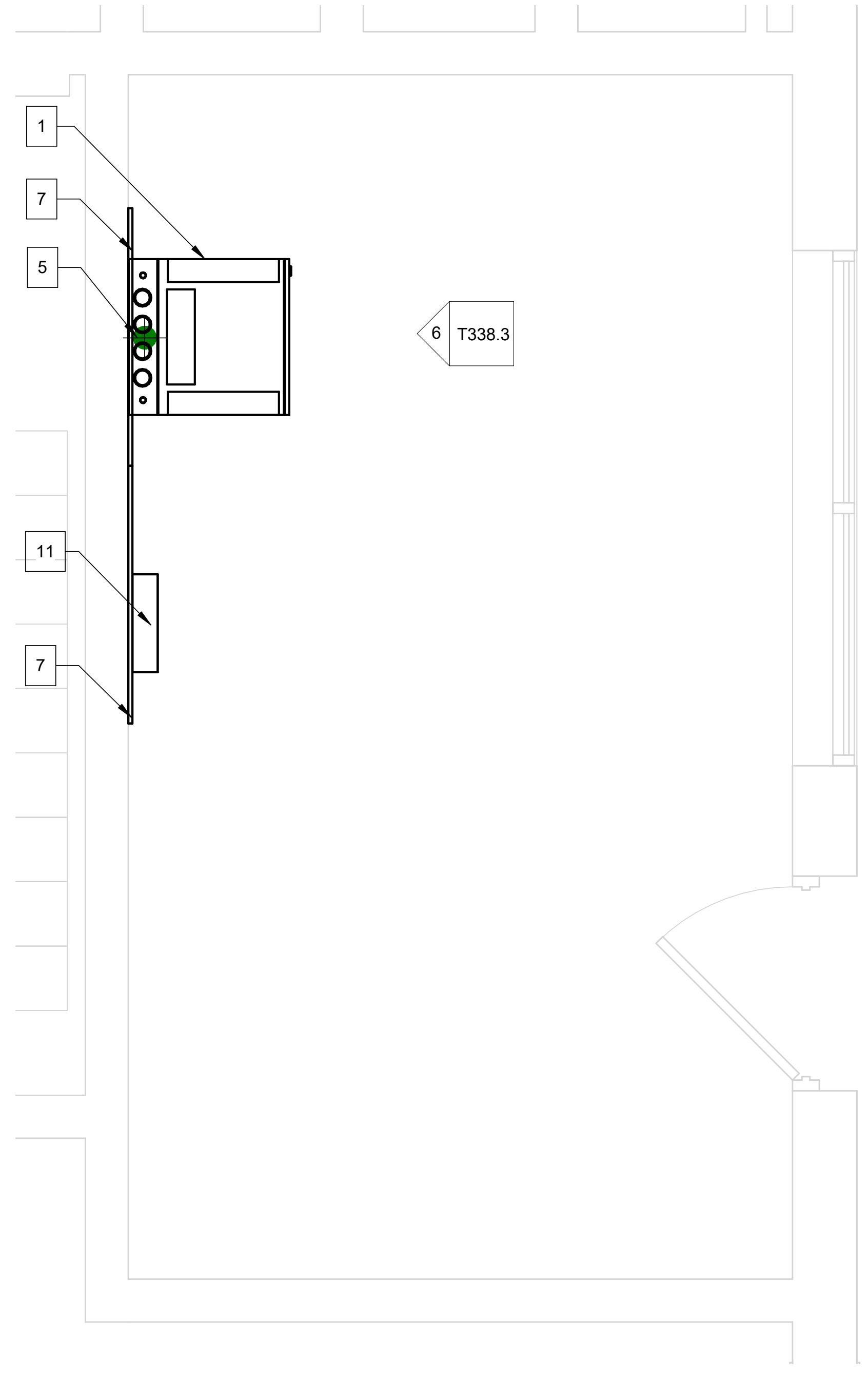
3 IDF 9 (G114D) - SOUTH ELEVATION
1/2" = 1'-0"



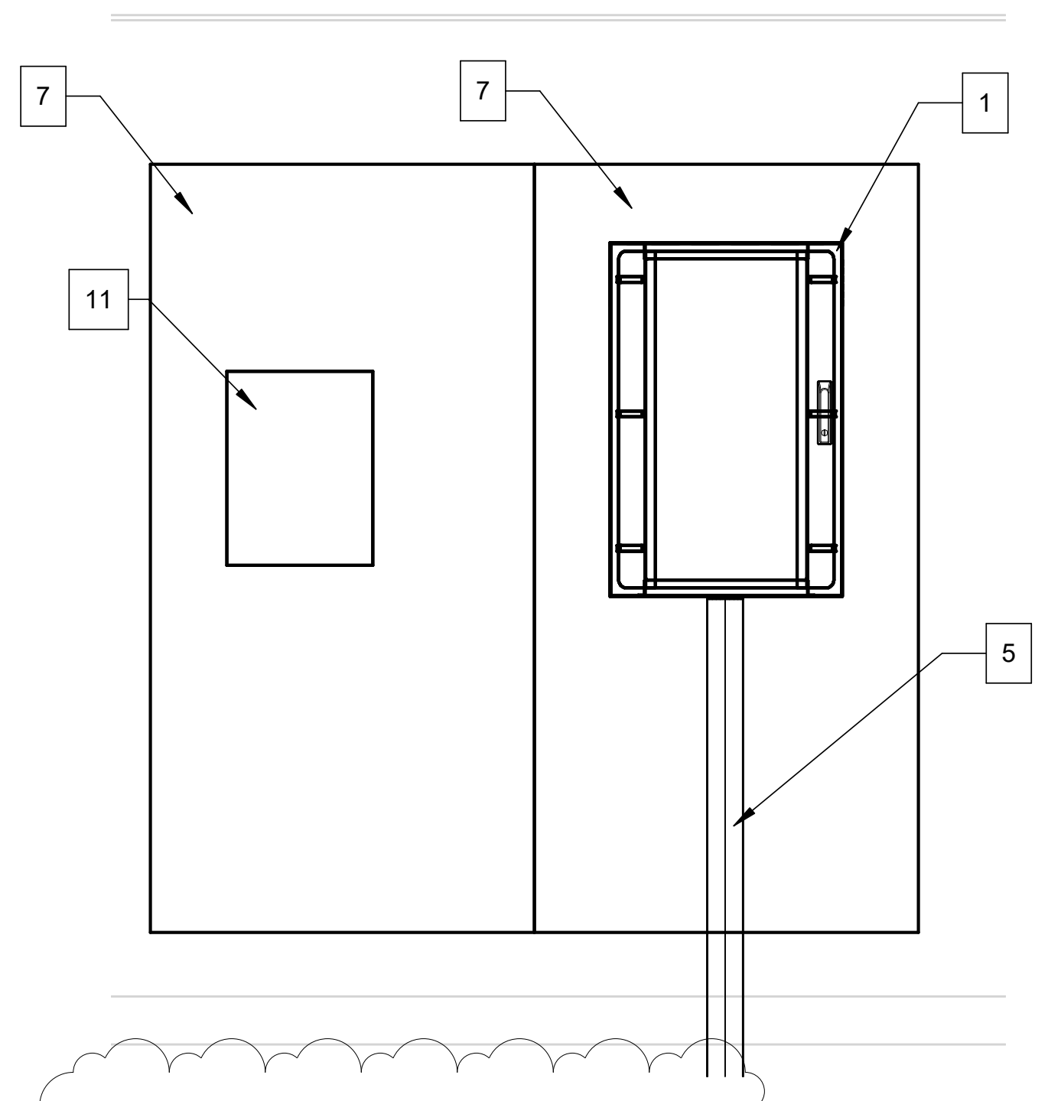
4 IDF 9 (G114D) - EAST ELEVATION
1/2" = 1'-0"

TR LAYOUT LEGEND

1. EXISTING WALL MOUNTED TR EQUIPMENT CABINET
2. EXISTING FLOOR MOUNTED TR EQUIPMENT CABINET
3. EXISTING WALL MOUNTED FIBER TERMINATION ENCLOSURE
4. EXISTING HORIZONTAL CONDUIT SLEEVE
5. EXISTING VERTICAL CONDUIT SLEEVE
6. NEW 12" TR CABLE TRAY
7. NEW TR PLYWOOD
8. NEW HORIZONTAL CONDUIT SLEEVE
9. NEW VERTICAL CONDUIT SLEEVE
10. NEW TELECOM GROUNDING BUSBAR
11. NEW ELECTRONIC ACCESS CONTROL ENCLOSURE
12. NEW INTRUSION DETECTION SYSTEM ENCLOSURE



5 IDF 9 (G111L) ENLARGED LAYOUT
1/2" = 1'-0"



6 IDF 9 (G111L) - WEST ELEVATION
1/2" = 1'-0"

T338.3_ ENLARGED TR LAYOUTS / ELEVATIONS
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
Autodesk Docs://2020-26 Schmidt - MSDWT North Central Reno/2019-067.NCH_Sector2_T_2022_Central.rvt
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Matthew Connolly
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EXPIRES 12-31-24
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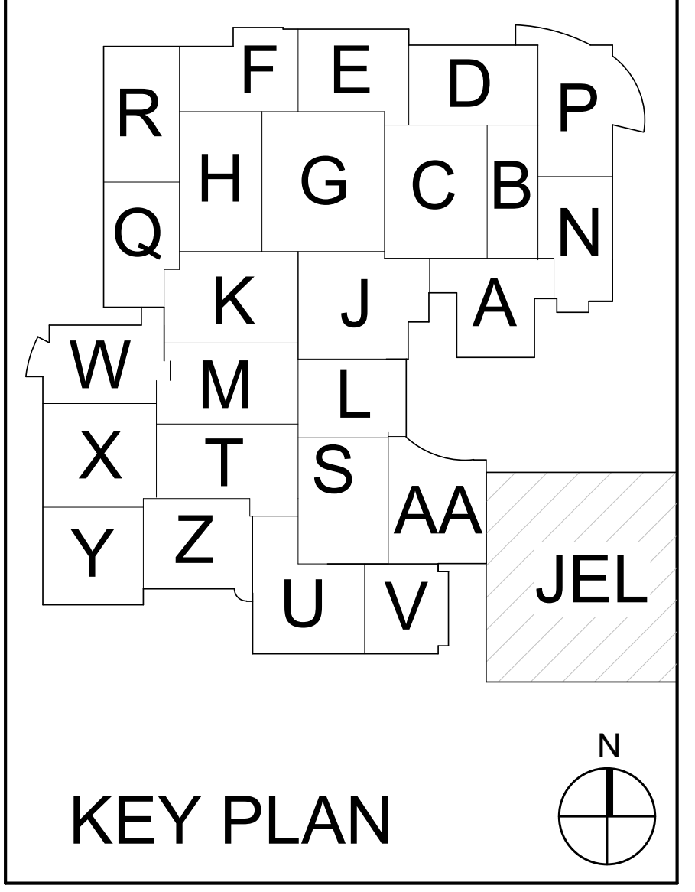
#	Revision	Date
A2.3	Addendum 2.3	03.22.2023

1801 East 86th Street
Indianapolis, IN 46240



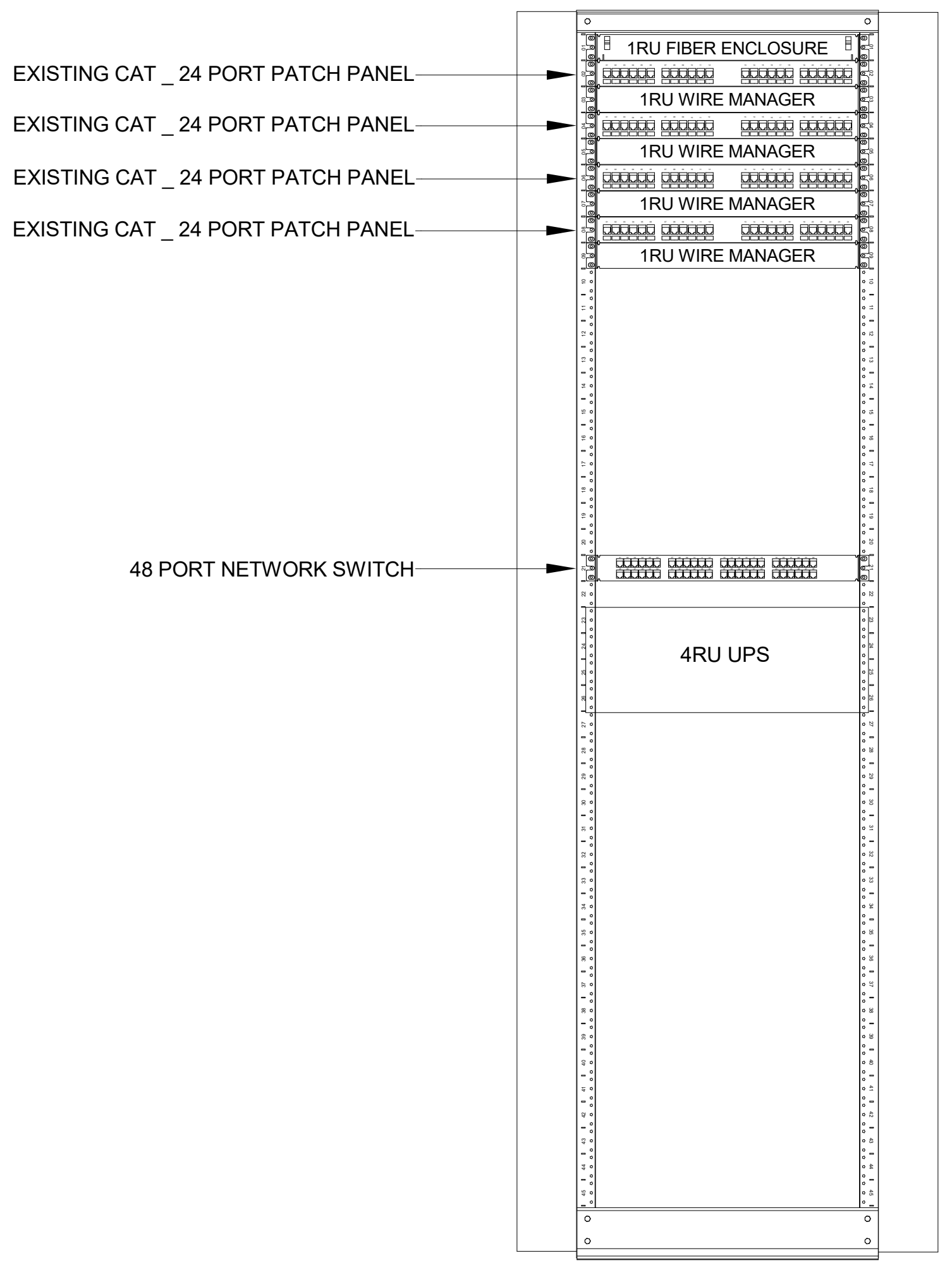
KEY PLAN

M.S.D. of Washington Township

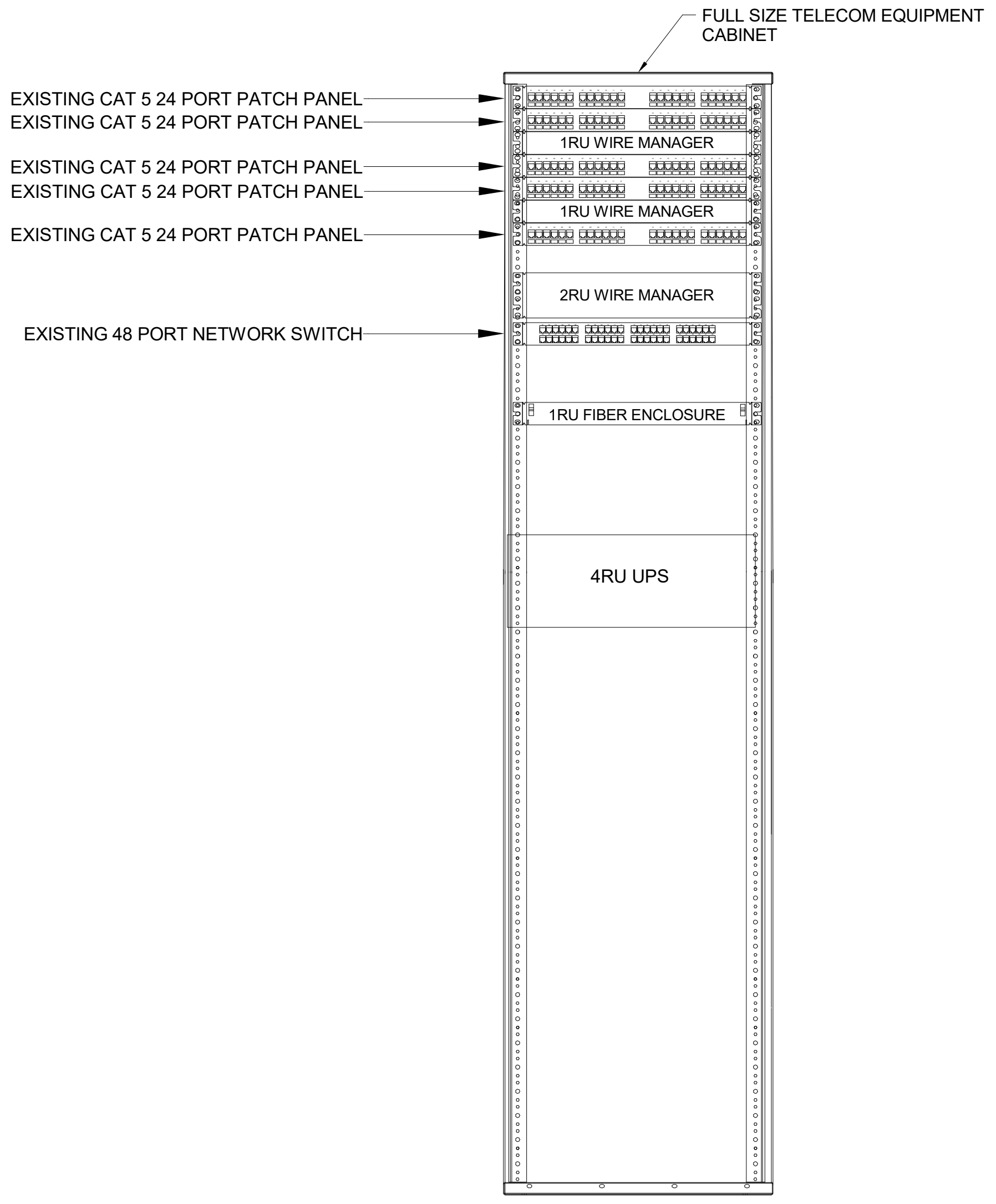
North Central High School
Renovation - Additions
Phase 3

ENLARGED TR LAYOUTS / ELEVATIONS

T338.3



① EXISTING IDF #1 RACK ELEVATION
N.T.S.



② EXISTING IDF #2 RACK ELEVATION
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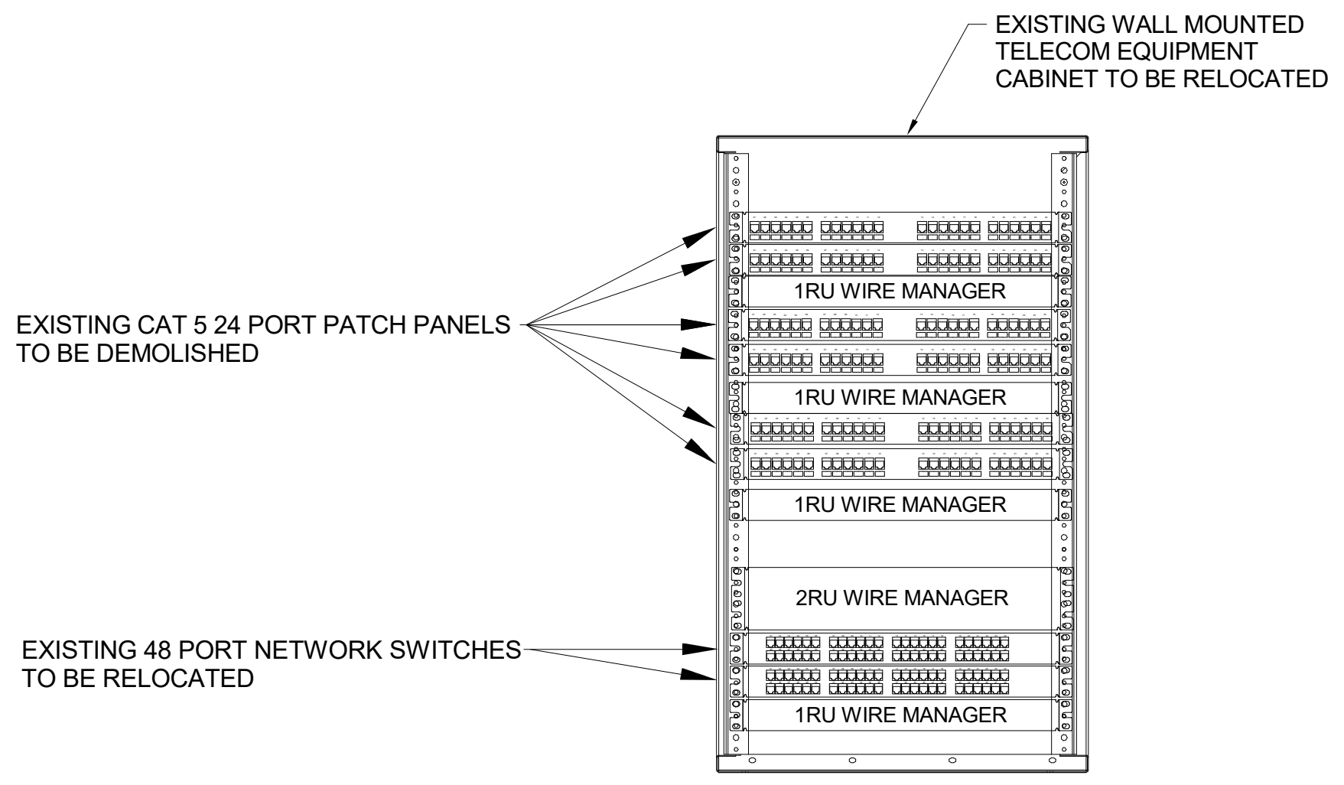

③ EXISTING IDF #3 RACK ELEVATION
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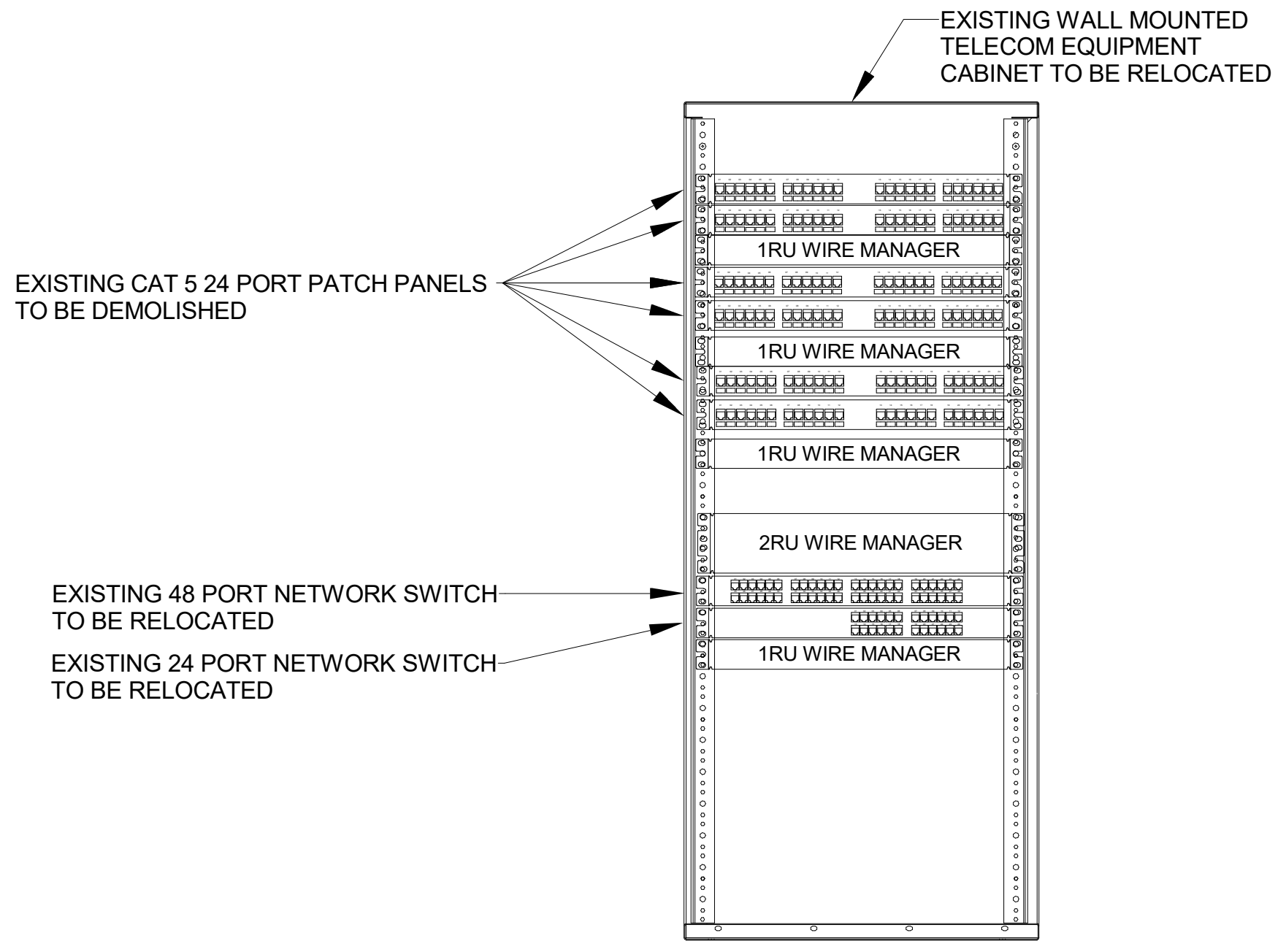

④ EXISTING IDF #4 RACK ELEVATION
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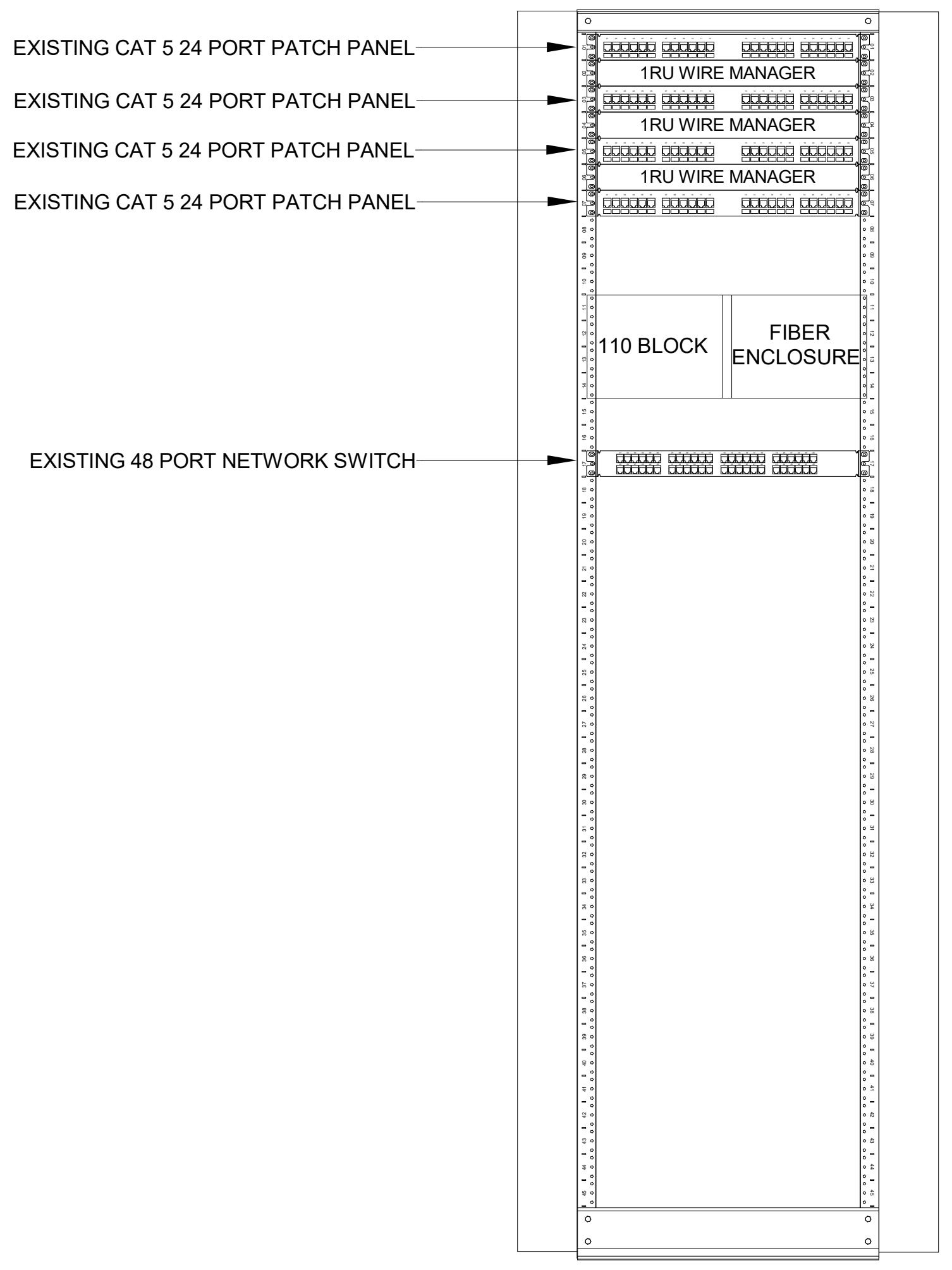

⑤ EXISTING IDF #6 RACK ELEVATION
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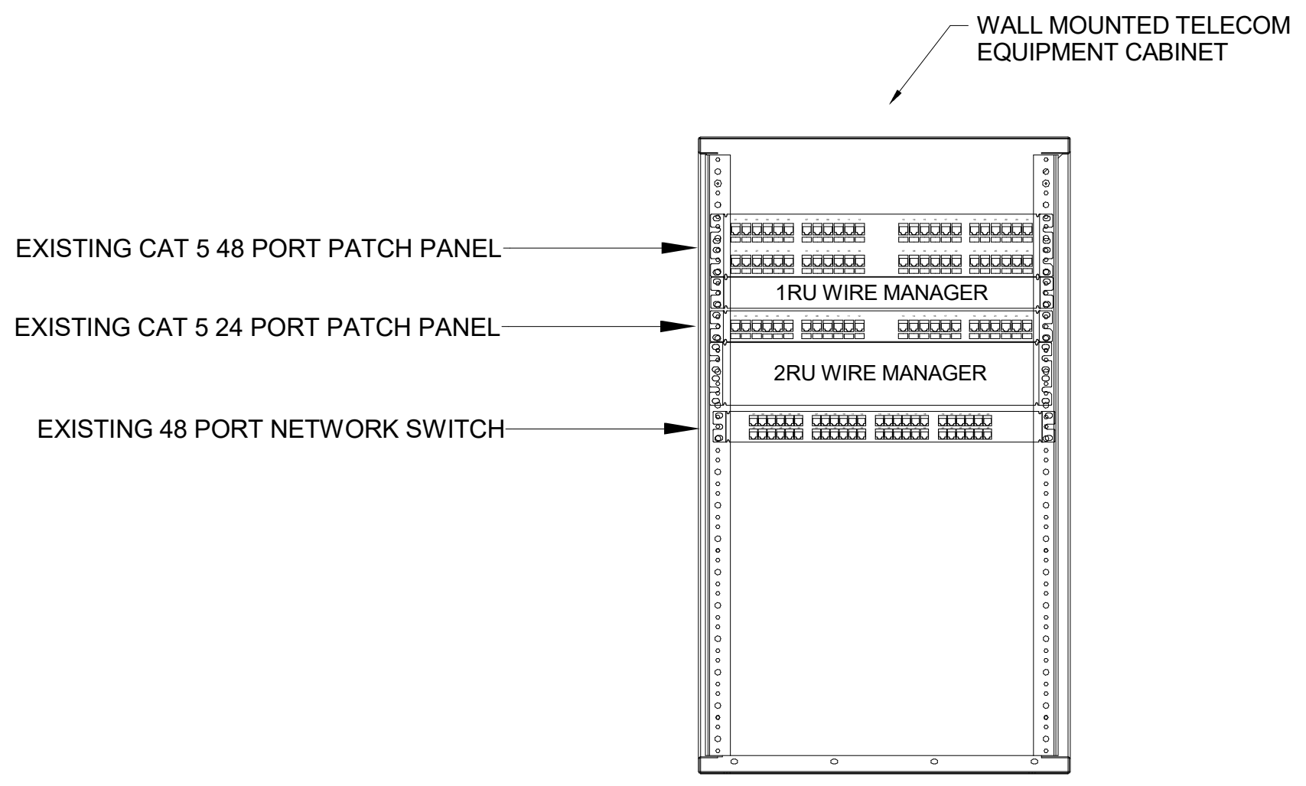

⑥ EXISTING IDF #7 RACK ELEVATION
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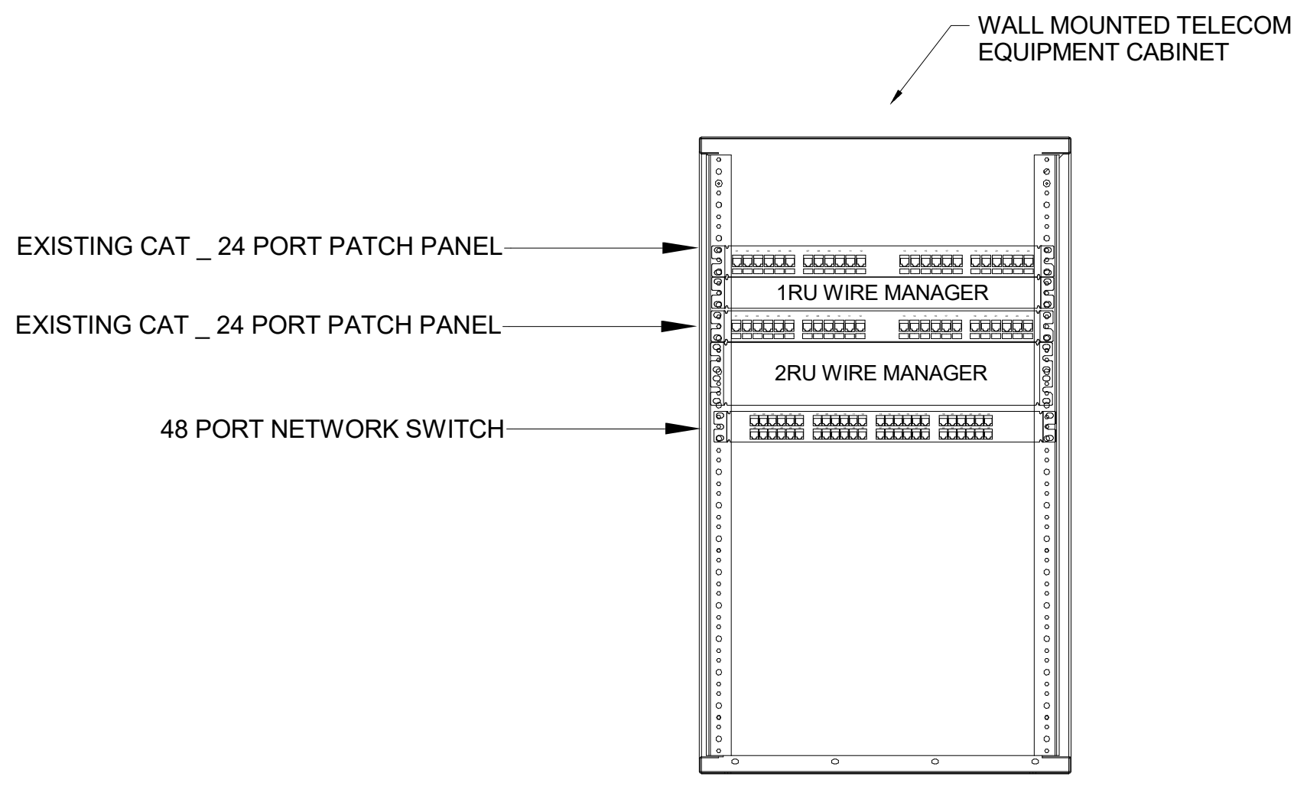

⑦ EXISTING IDF #8 RACK ELEVATION
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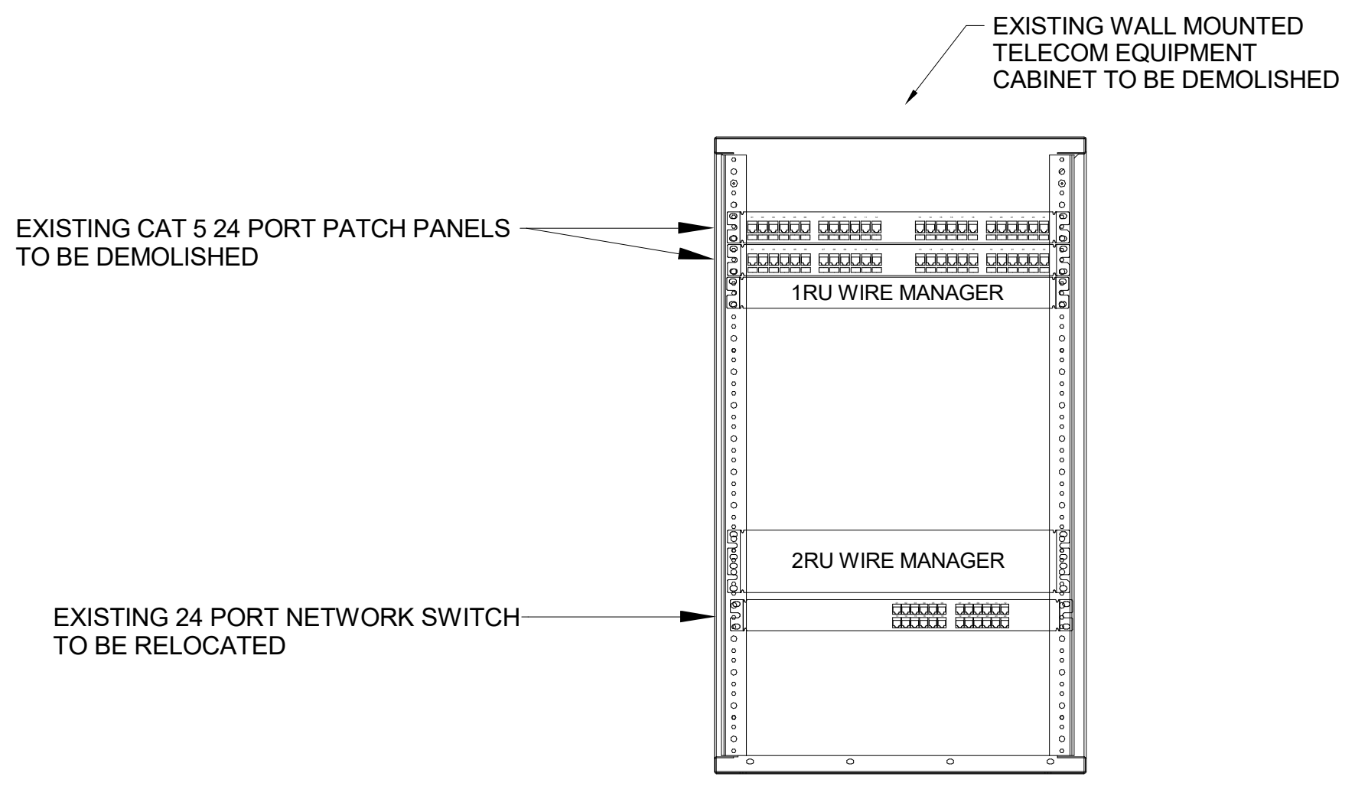

⑧ EXISTING IDF #9 RACK ELEVATION
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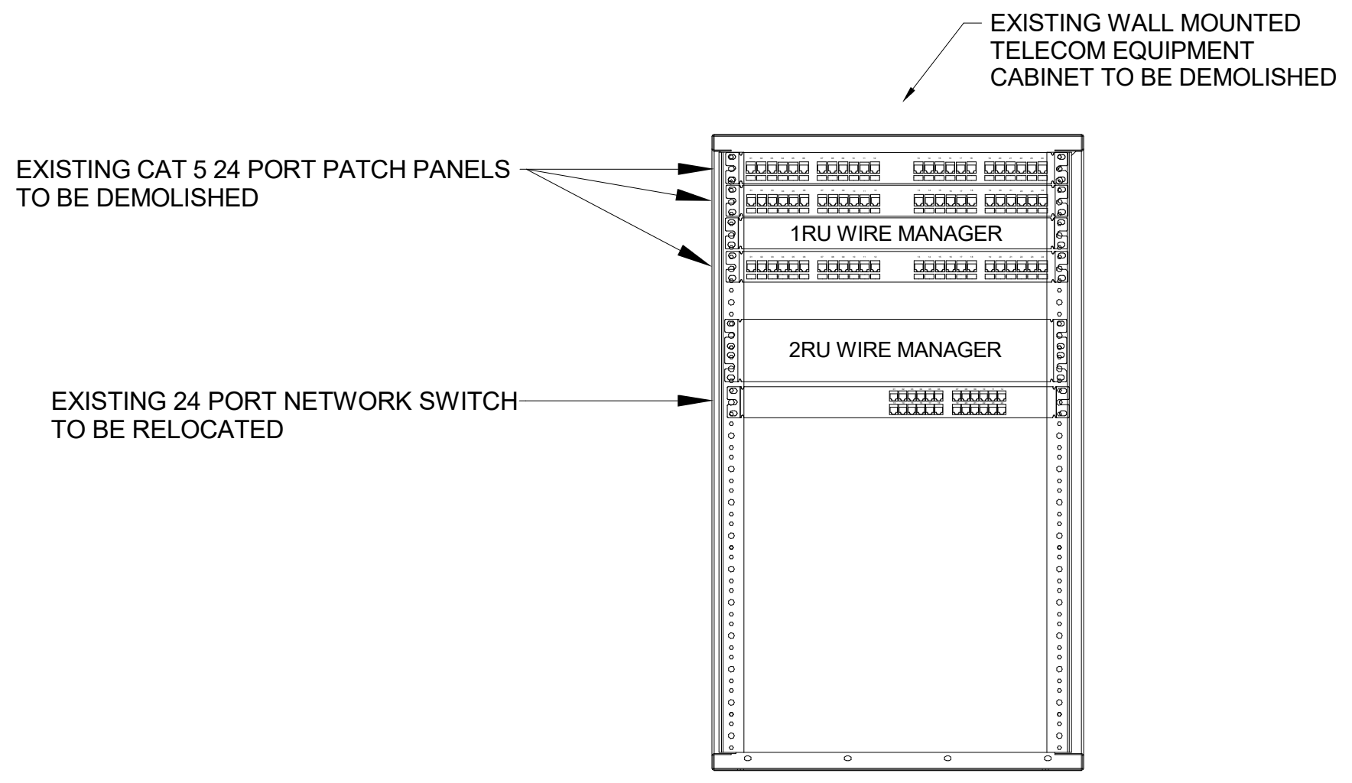

⑨ EXISTING IDF #10 RACK ELEVATION
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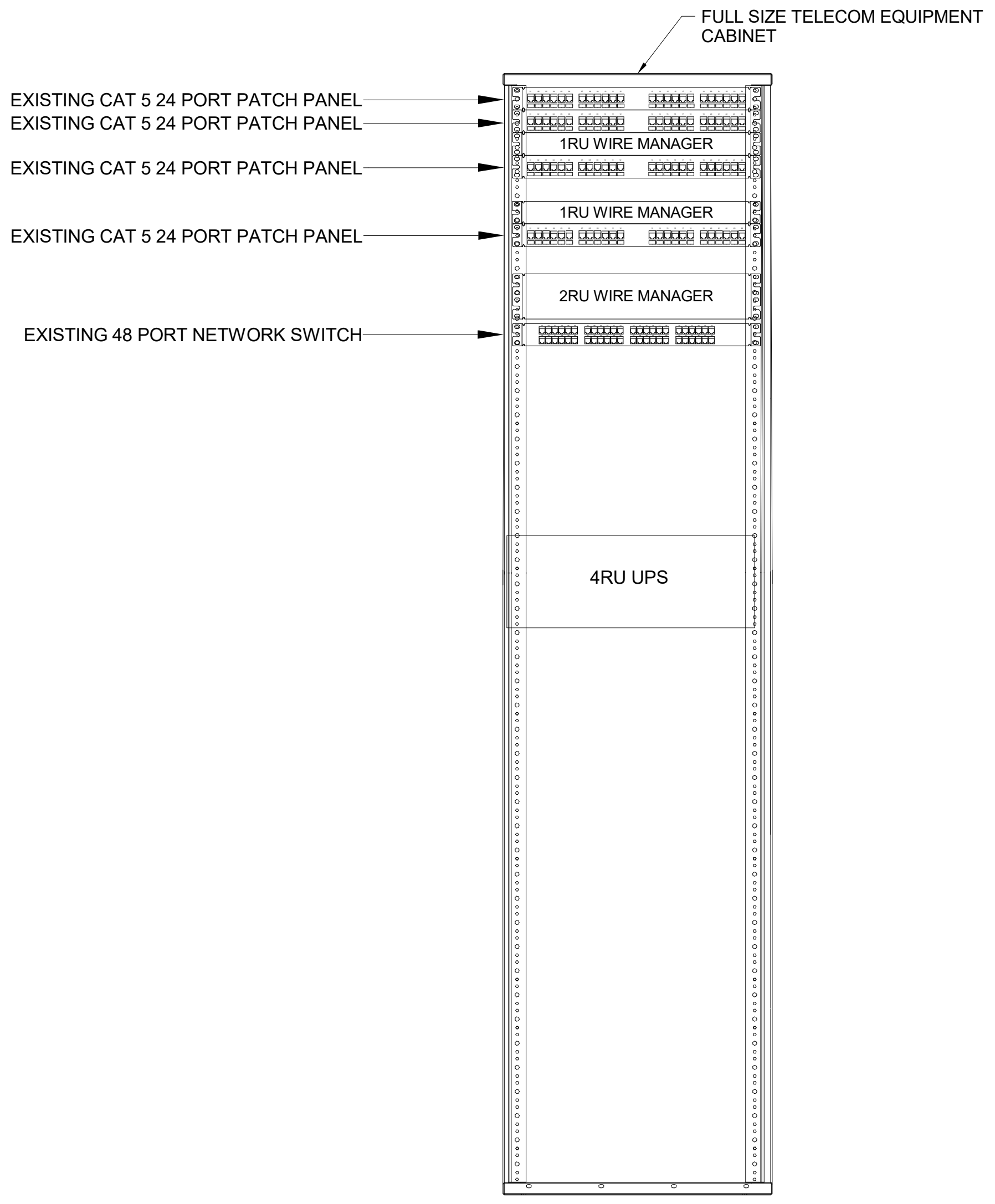

⑩ EXISTING IDF #11 RACK ELEVATION
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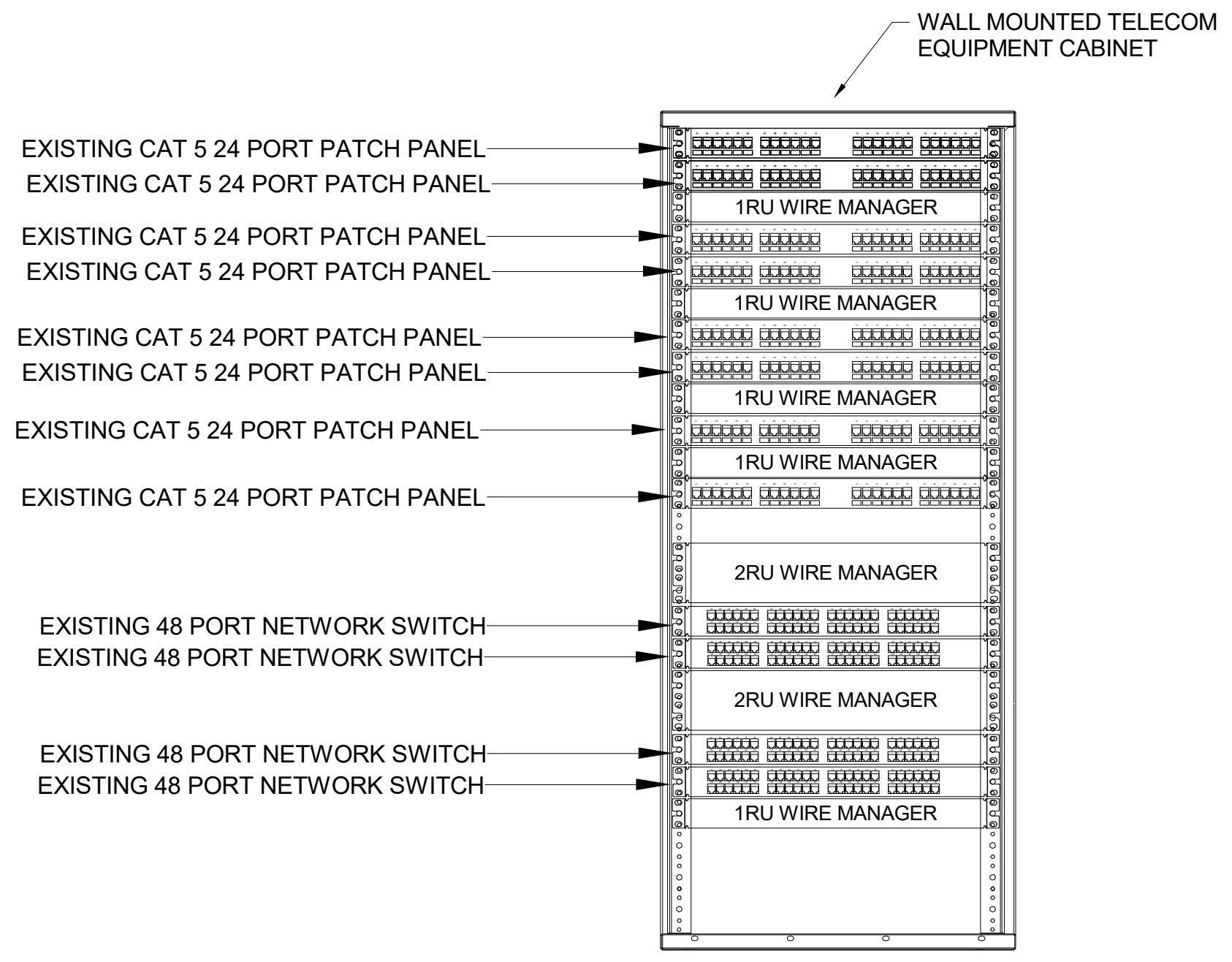

⑪ EXISTING IDF #18 RACK ELEVATION
N.T.S.

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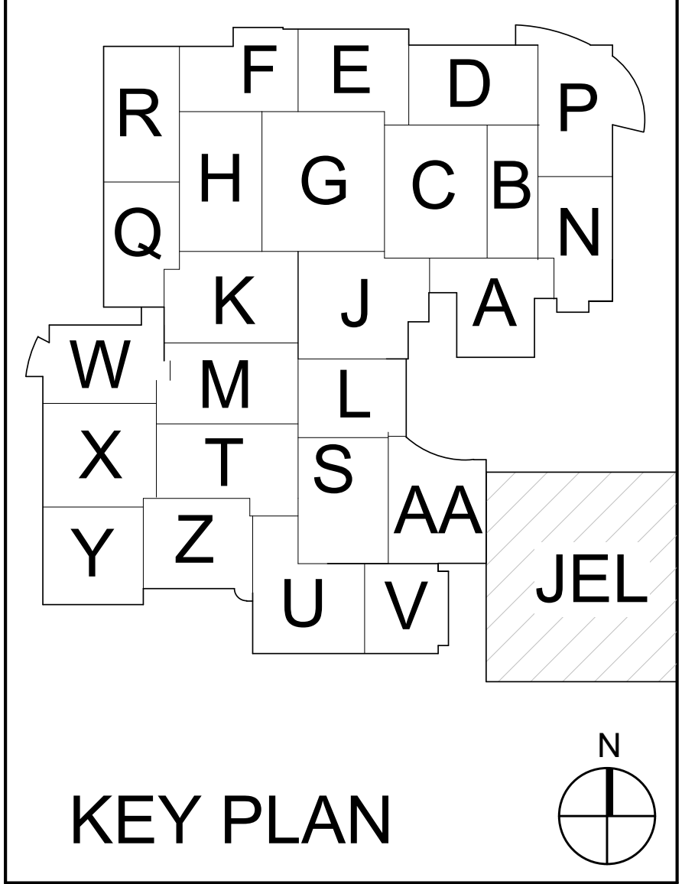


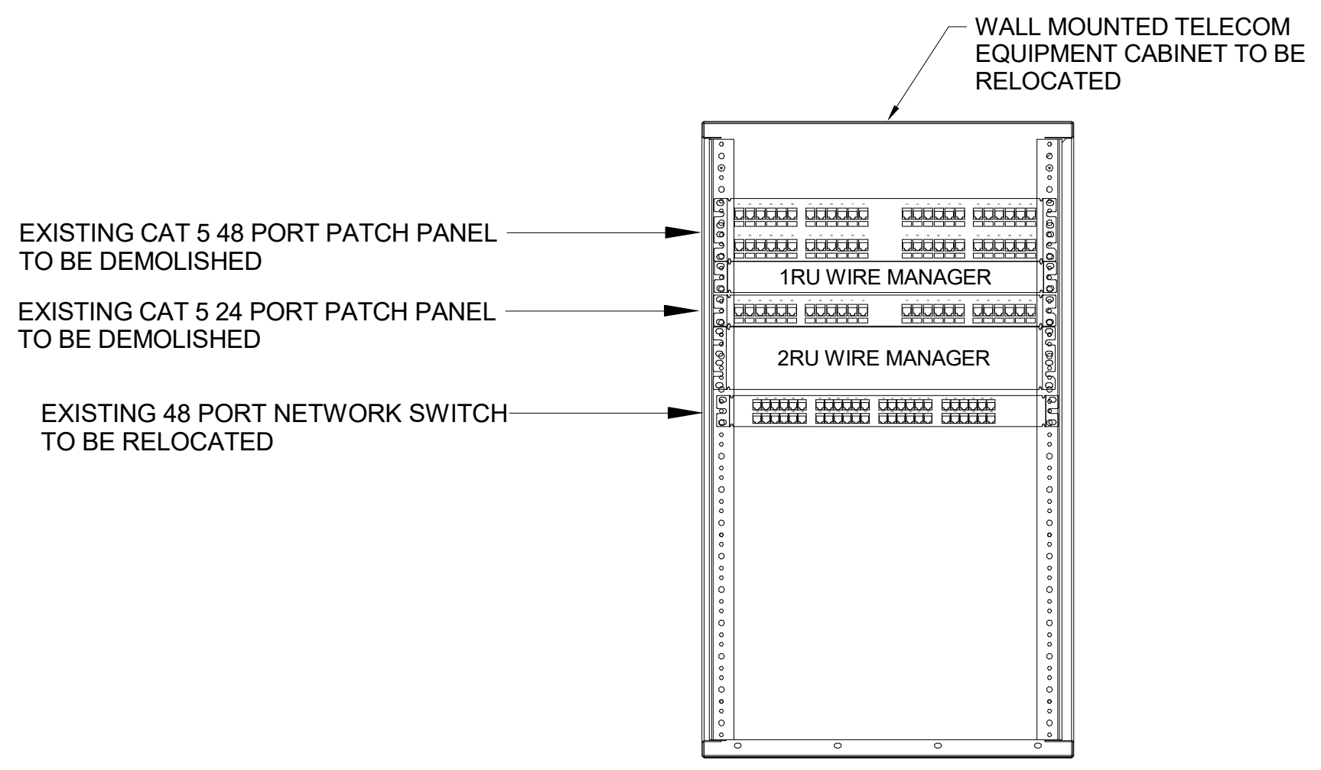
KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

EXISTING TECHNOLOGY RACK ELEVATIONS

T340.3



① EXISTING IDF #5 RACK ELEVATION
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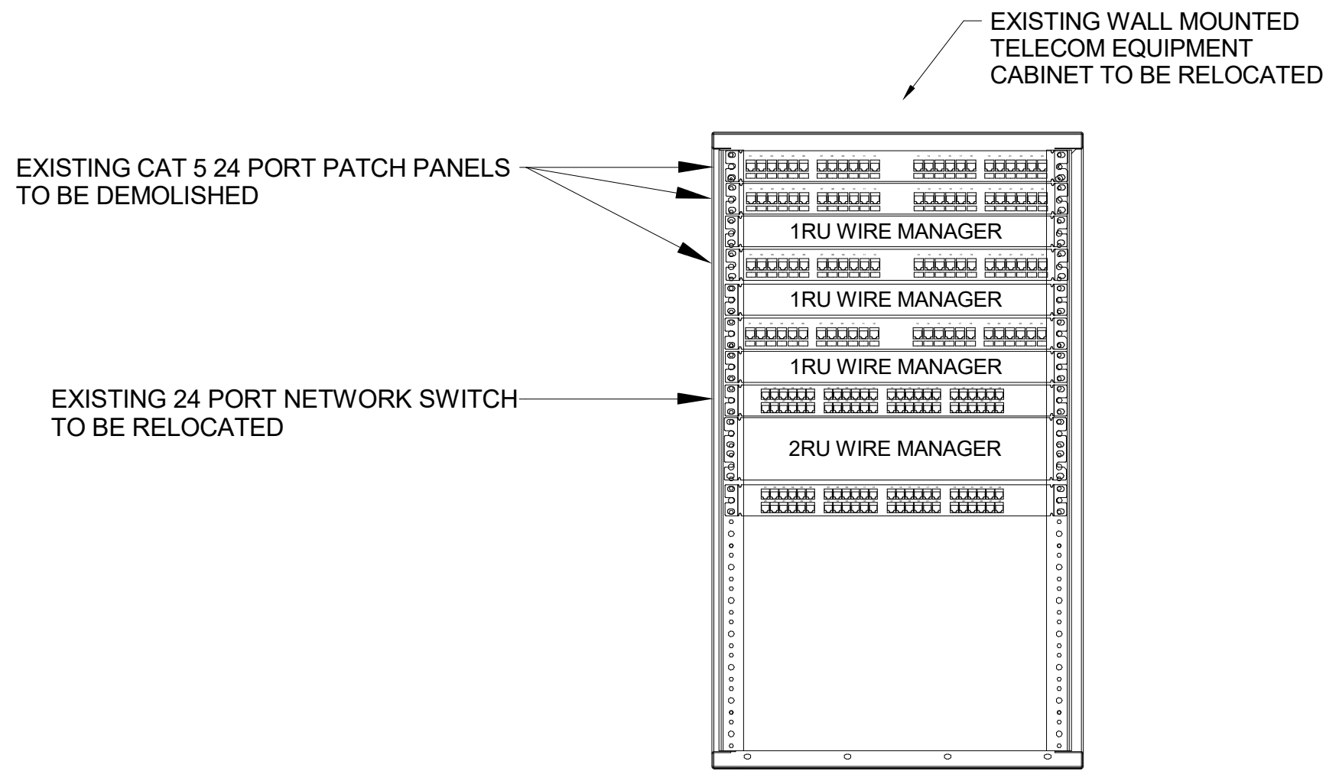

② EXISTING IDF #12 RACK ELEVATION
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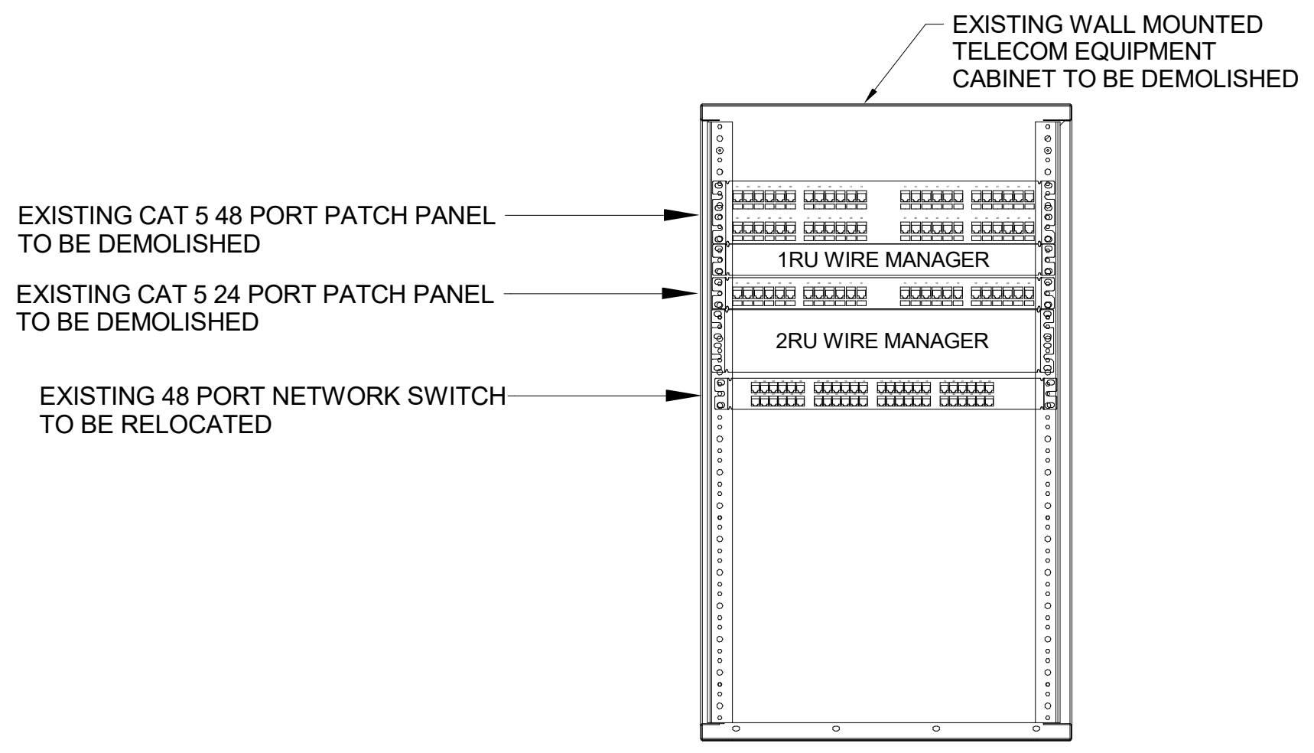
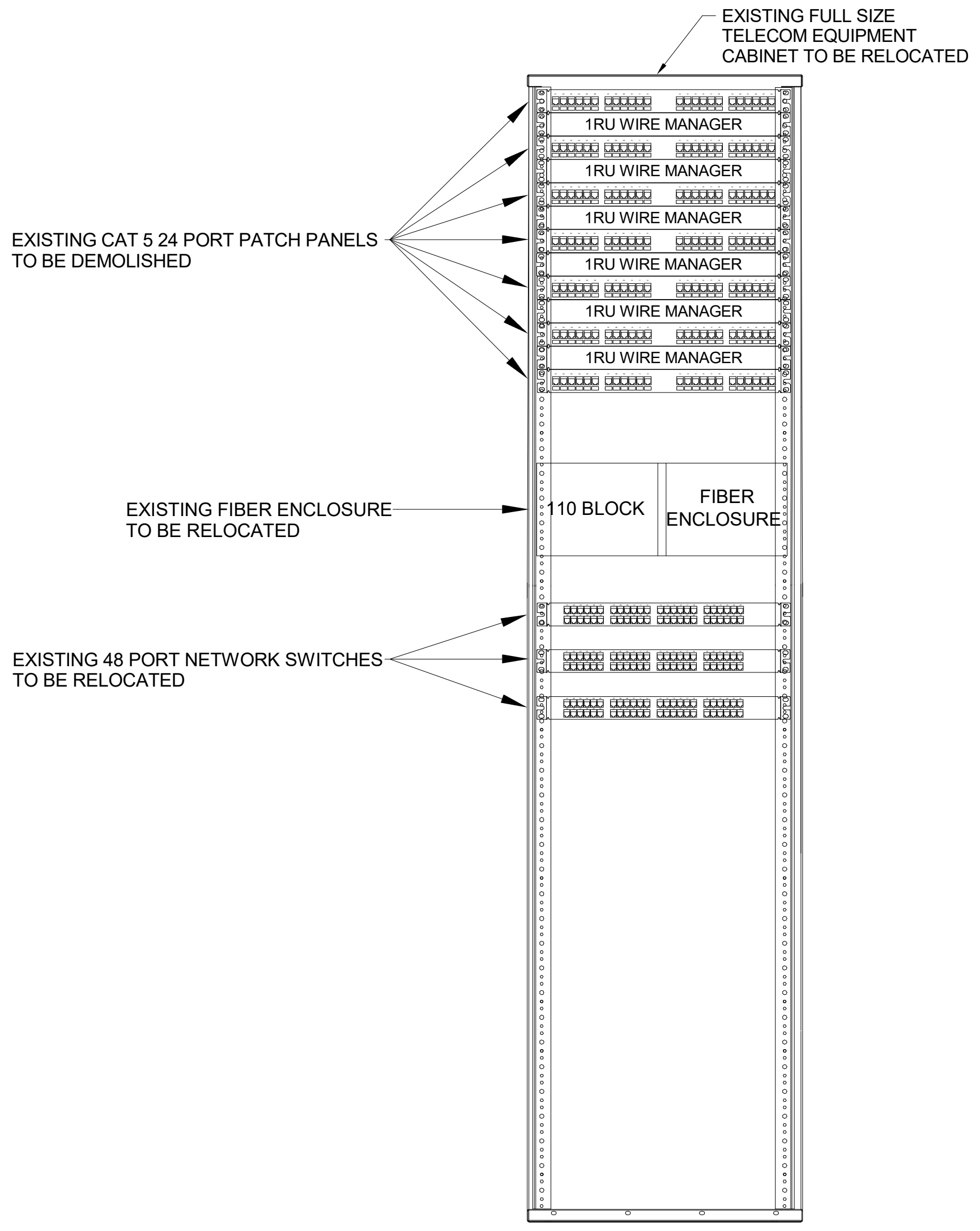


③ EXISTING IDF #13 RACK ELEVATION
N.T.S.

④ EXISTING IDF #14 RACK ELEVATION
N.T.S.



⑥ EXISTING IDF #16 RACK ELEVATION
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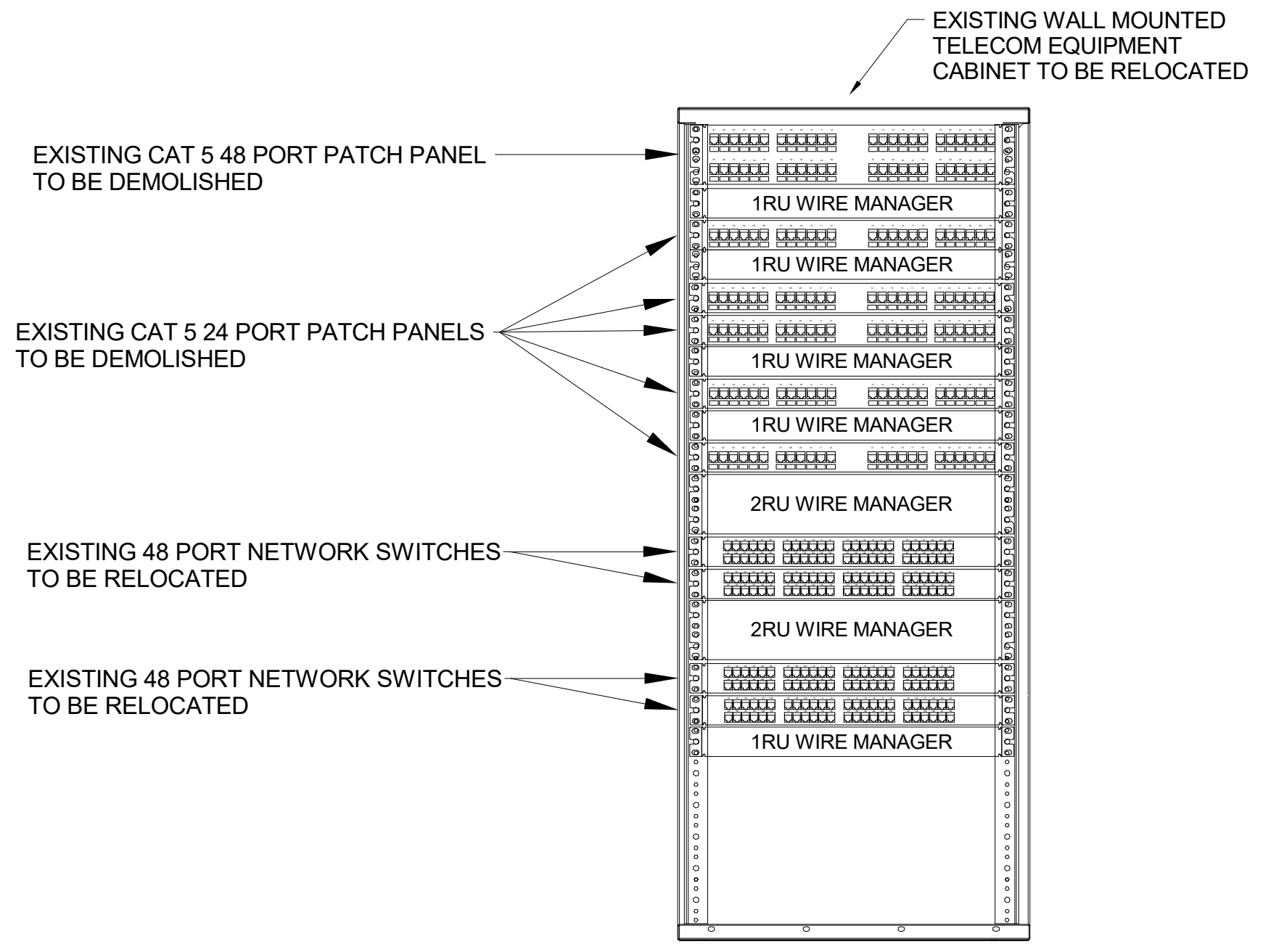

⑤ EXISTING IDF #15 RACK ELEVATION
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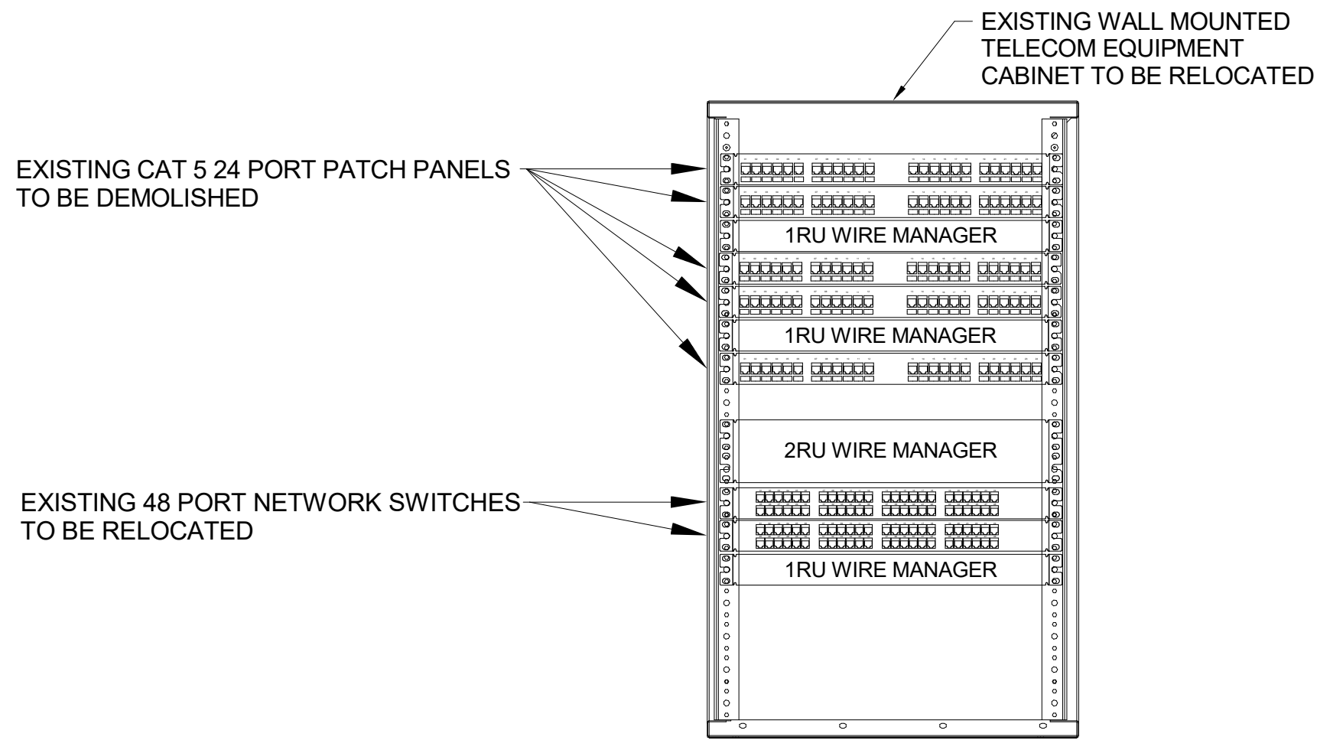

⑦ EXISTING IDF #17 RACK ELEVATION
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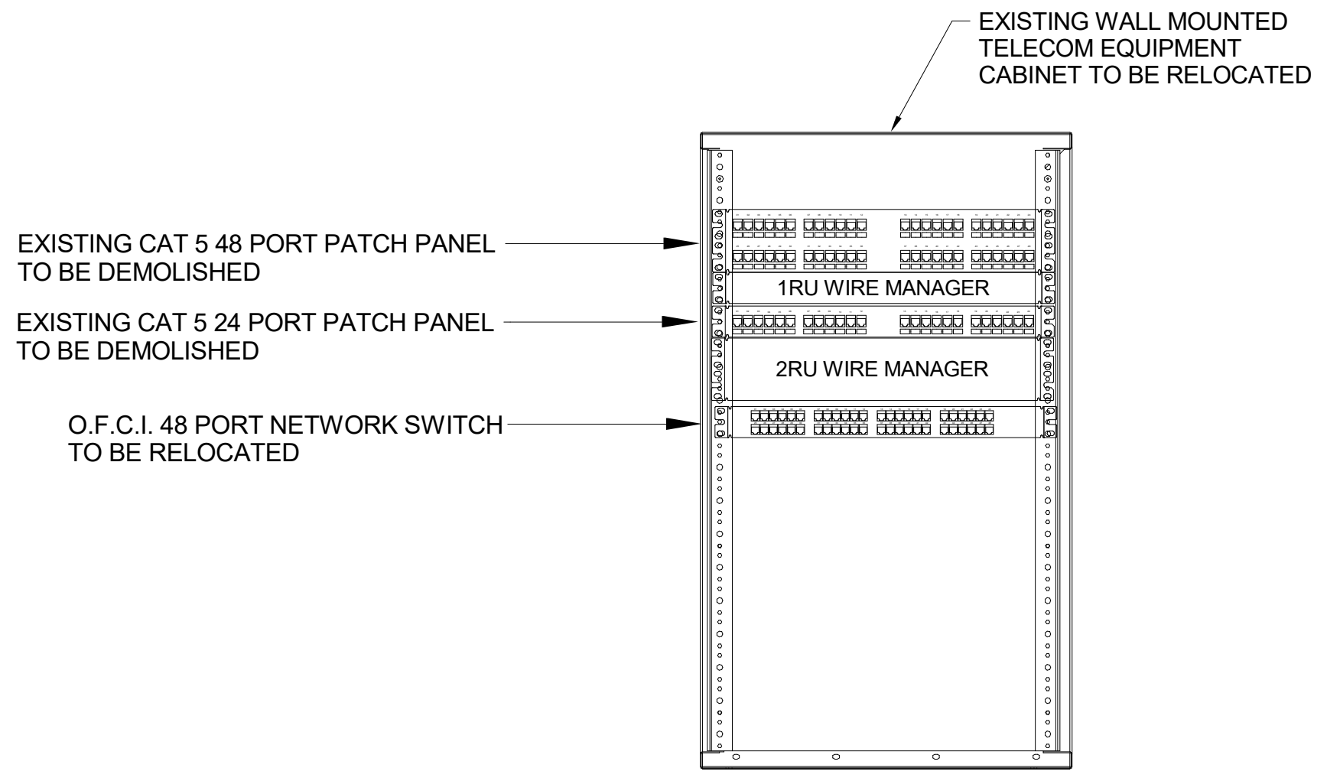
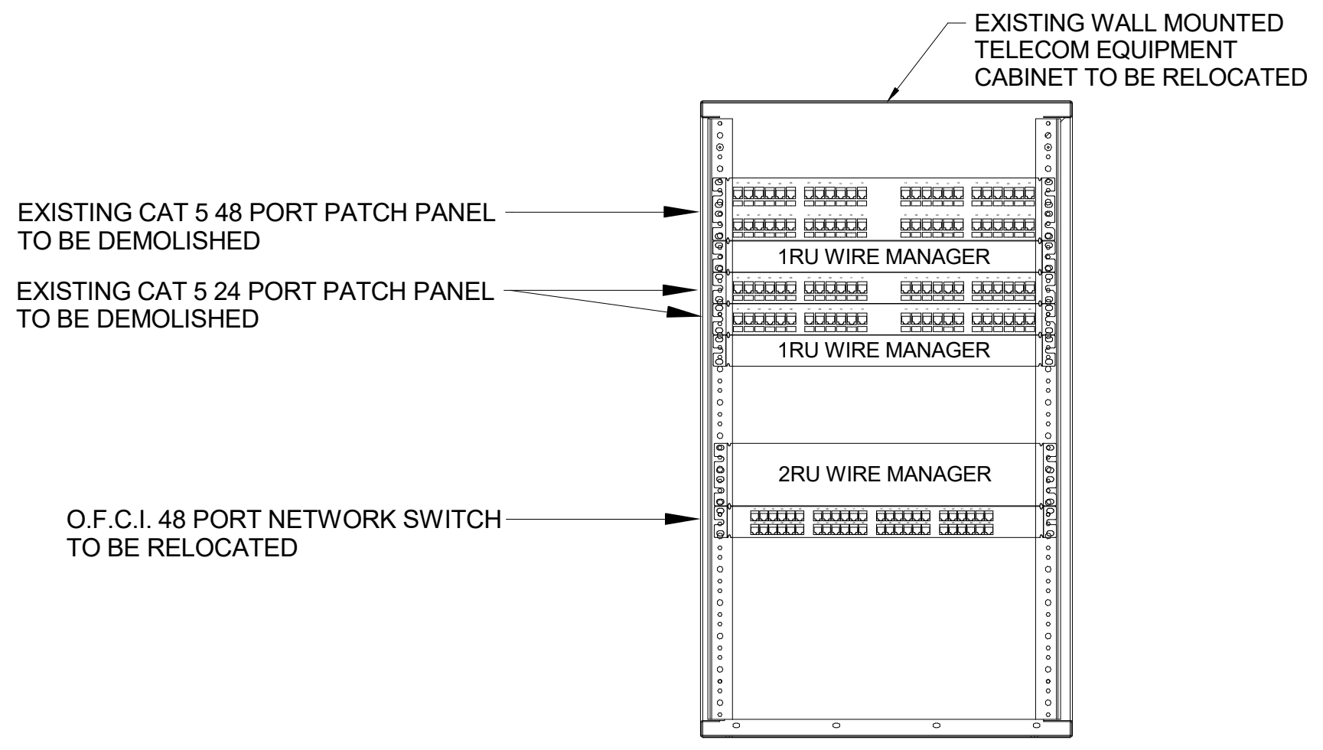


⑧ EXISTING IDF #19 RACK ELEVATION
N.T.S.



⑨ EXISTING IDF #20 RACK ELEVATION
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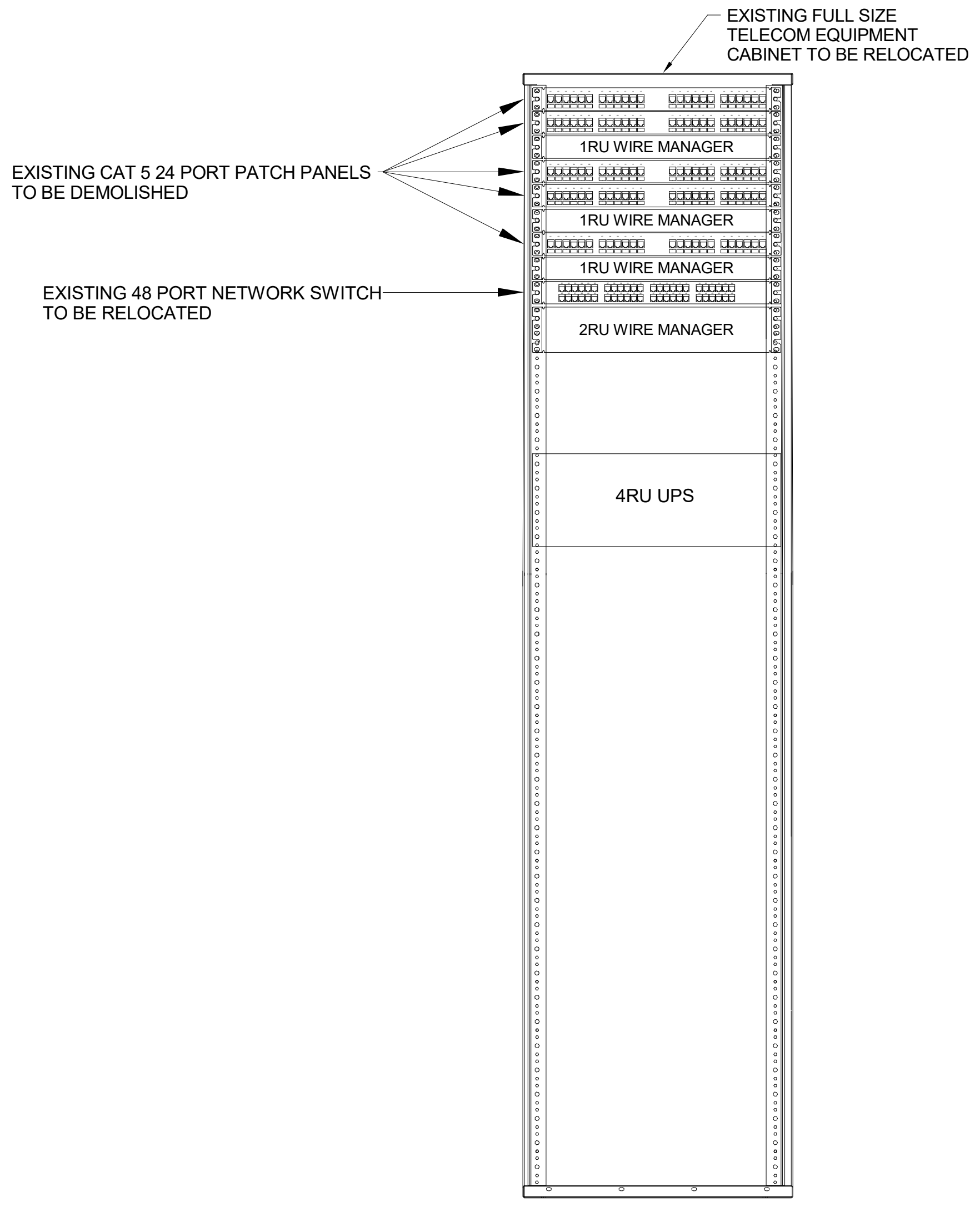
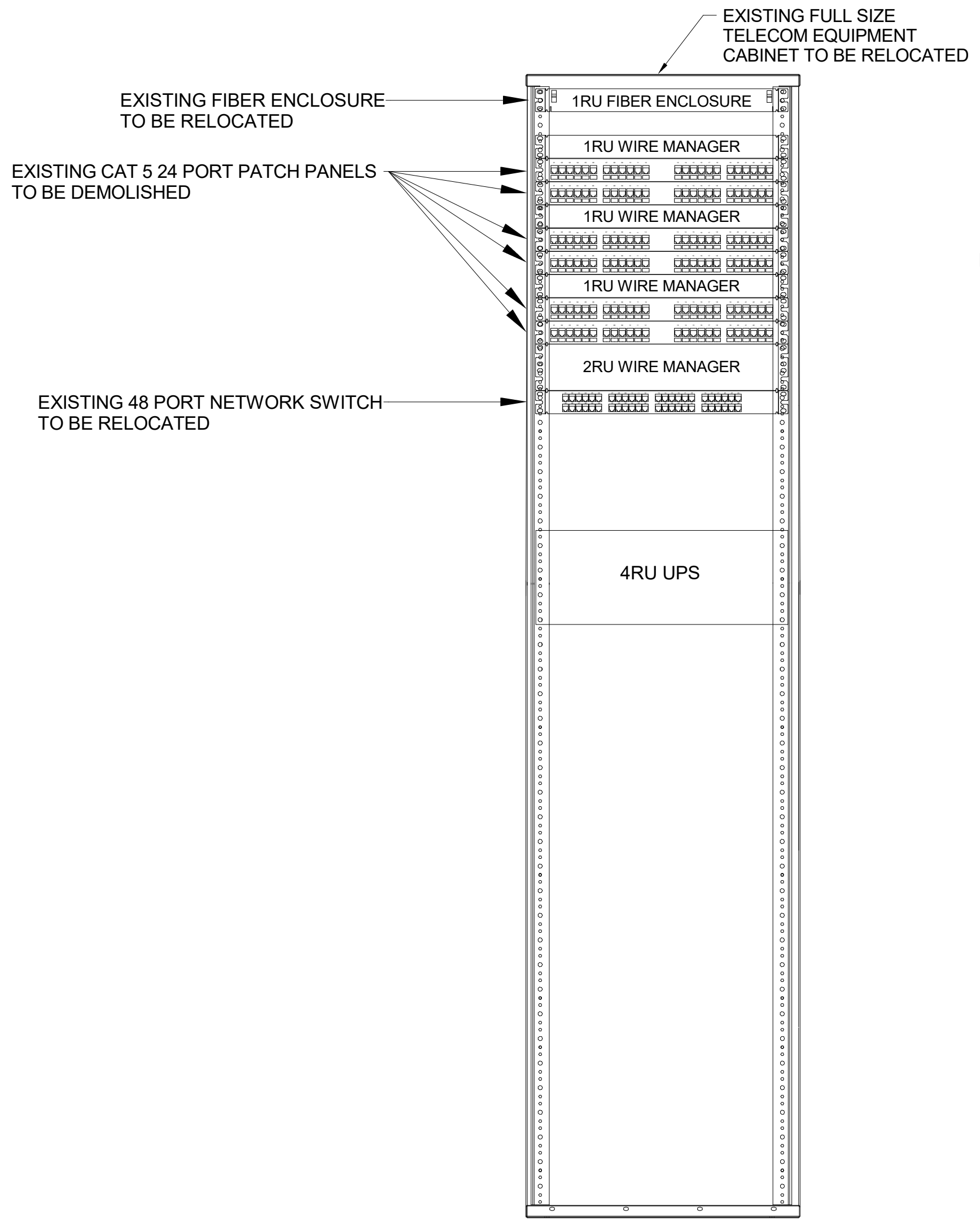
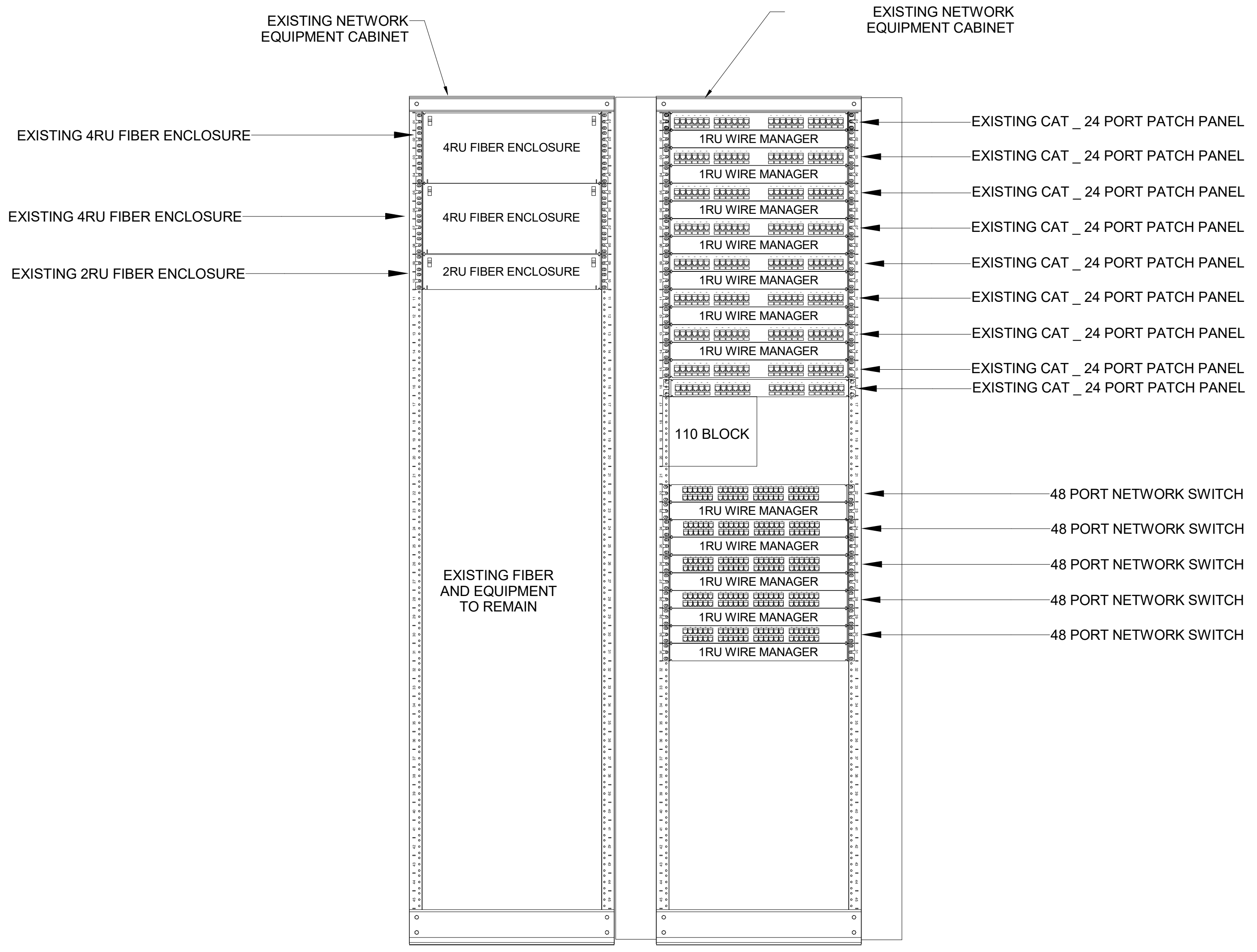


⑩ EXISTING IDF #21 RACK ELEVATION
N.T.S.



⑪ EXISTING IDF #22 RACK ELEVATION
N.T.S.



⑫ EXISTING IDF #23 RACK ELEVATION
N.T.S.

T341.3_ EXISTING TECHNOLOGY RACK ELEVATIONS
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
Autodesk Docs://2020-26 Schmidt - MSDWT North Central Reno/2019-067.NCH_Sector1_T_2022_Central.rvt
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Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced D27 MJC

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
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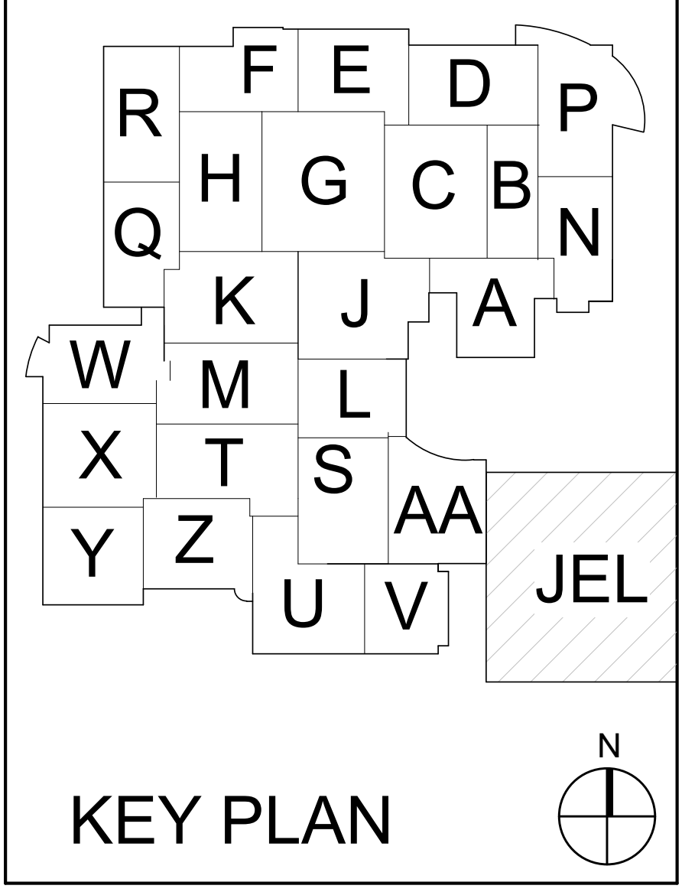
Matthew Connolly
BICSI ID # 212593
EXPIRES 12-31-24
RCDD

#	Revision	Date
A2.3	Addendum 2.3	03/22/2023

1801 East 86th Street
Indianapolis, IN 46240



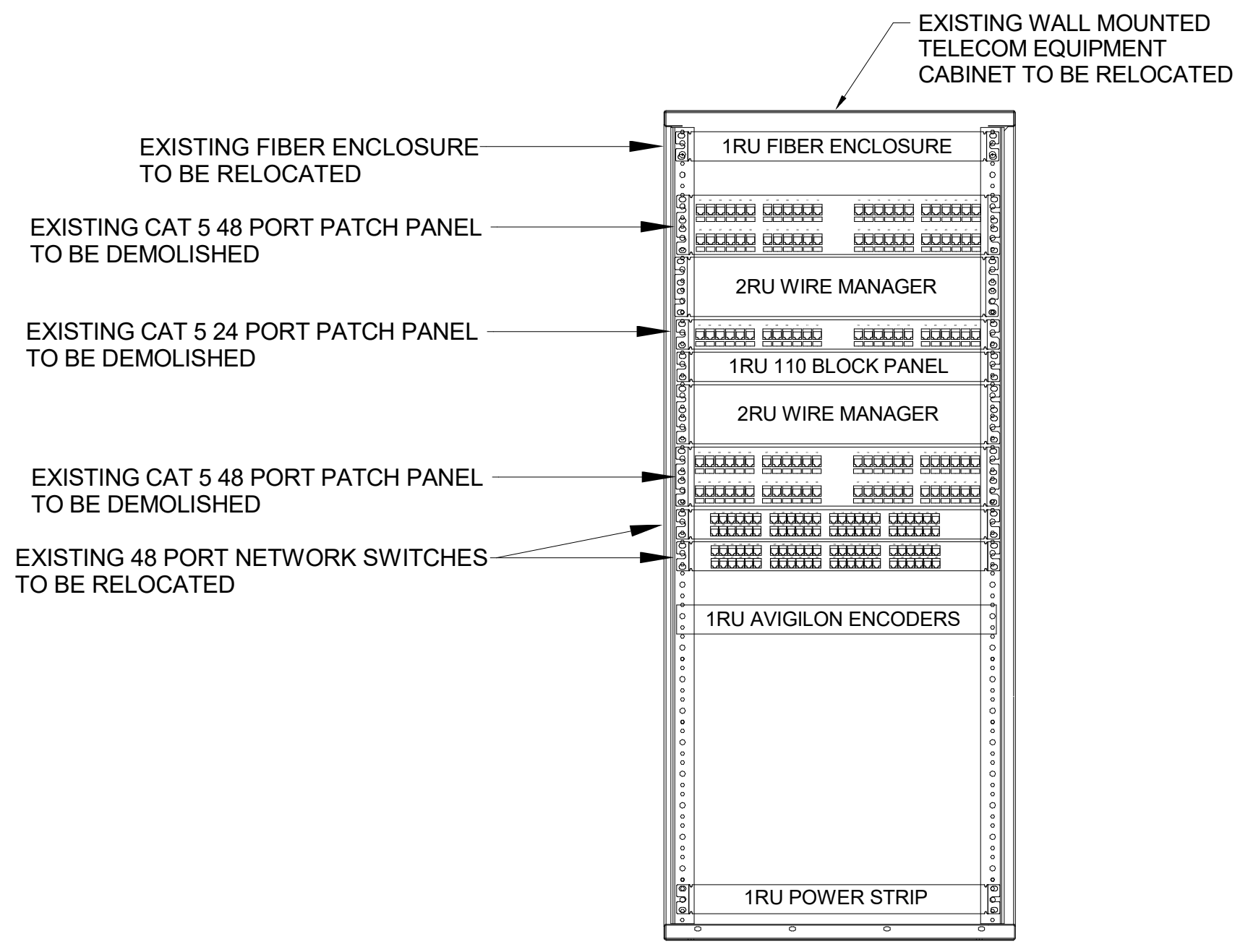
KEY PLAN

M.S.D. of Washington Township

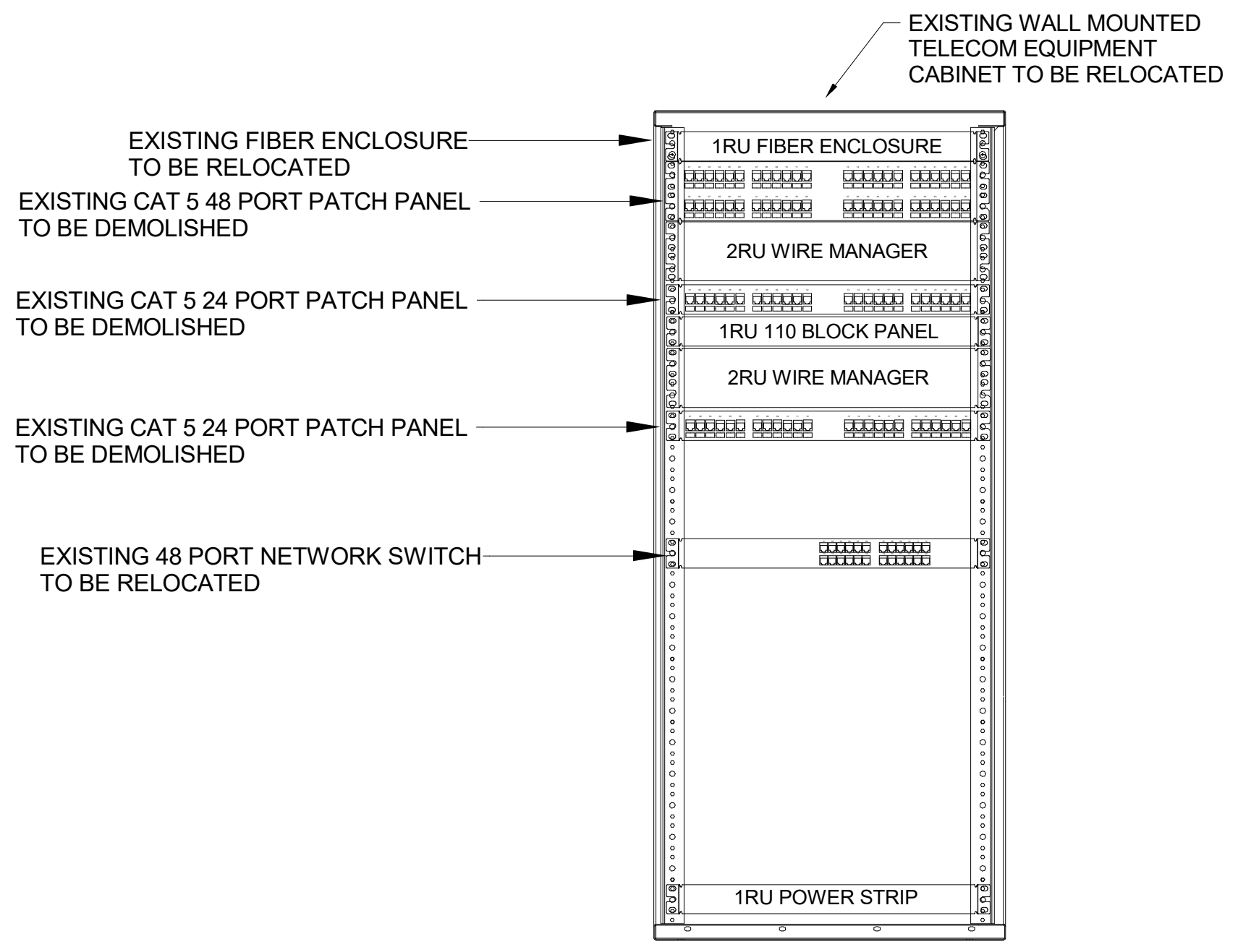
North Central High School
Renovation - Additions
Phase 3

EXISTING TECHNOLOGY RACK ELEVATIONS

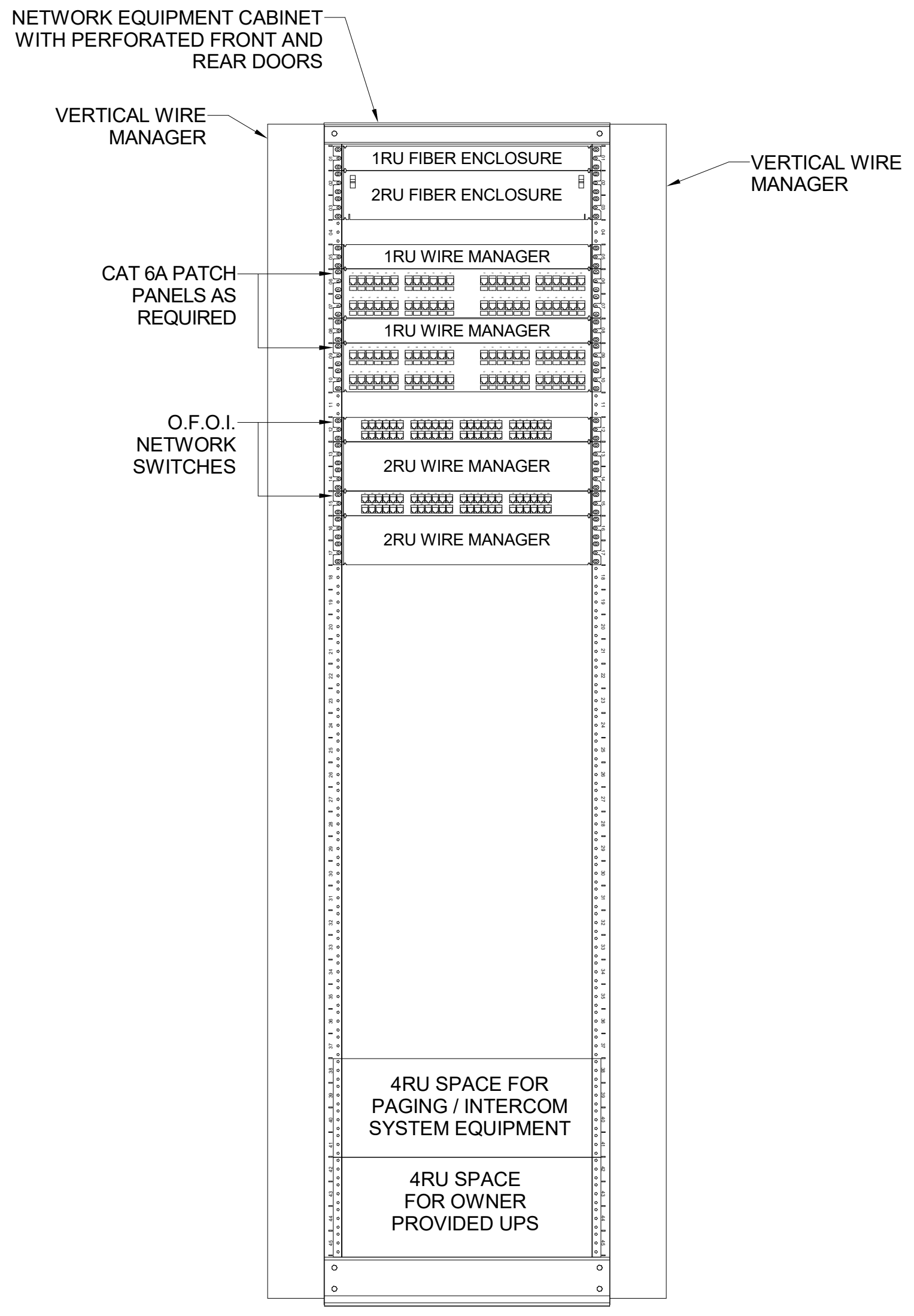
T341.3



① EXISTING IDF #24 RACK ELEVATION
N.T.S.



② EXISTING IDF #25 RACK ELEVATION
N.T.S.



③ EXISTING IDF #26 RACK ELEVATION
N.T.S.

1

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#	Revision	Date
A2.3	Addendum 2.3	03/22/2023

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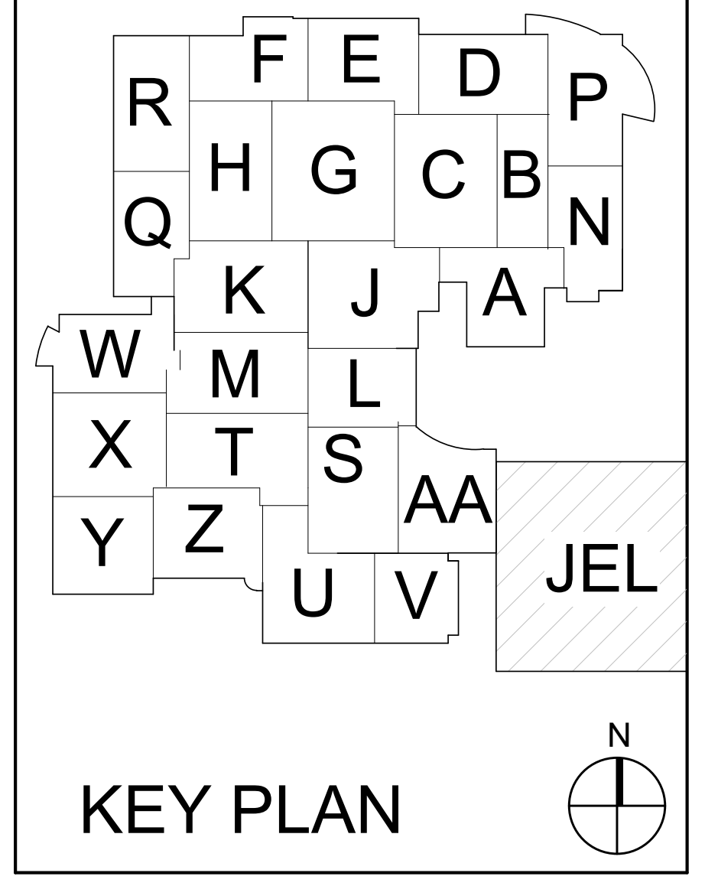

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

EXISTING TECHNOLOGY RACK ELEVATION

T342.3

1

T342.3_ EXISTING TECHNOLOGY RACK ELEVATION
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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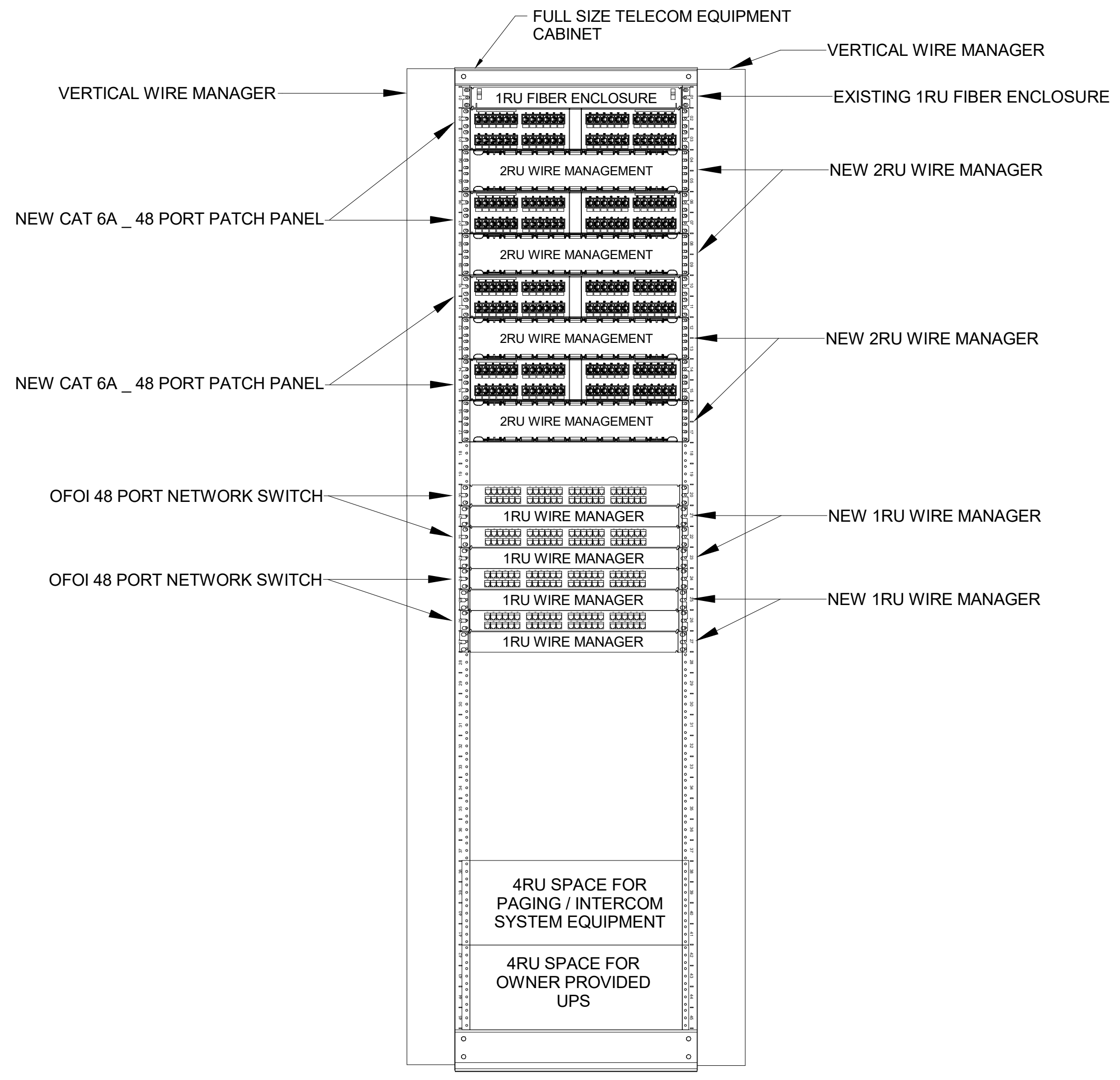
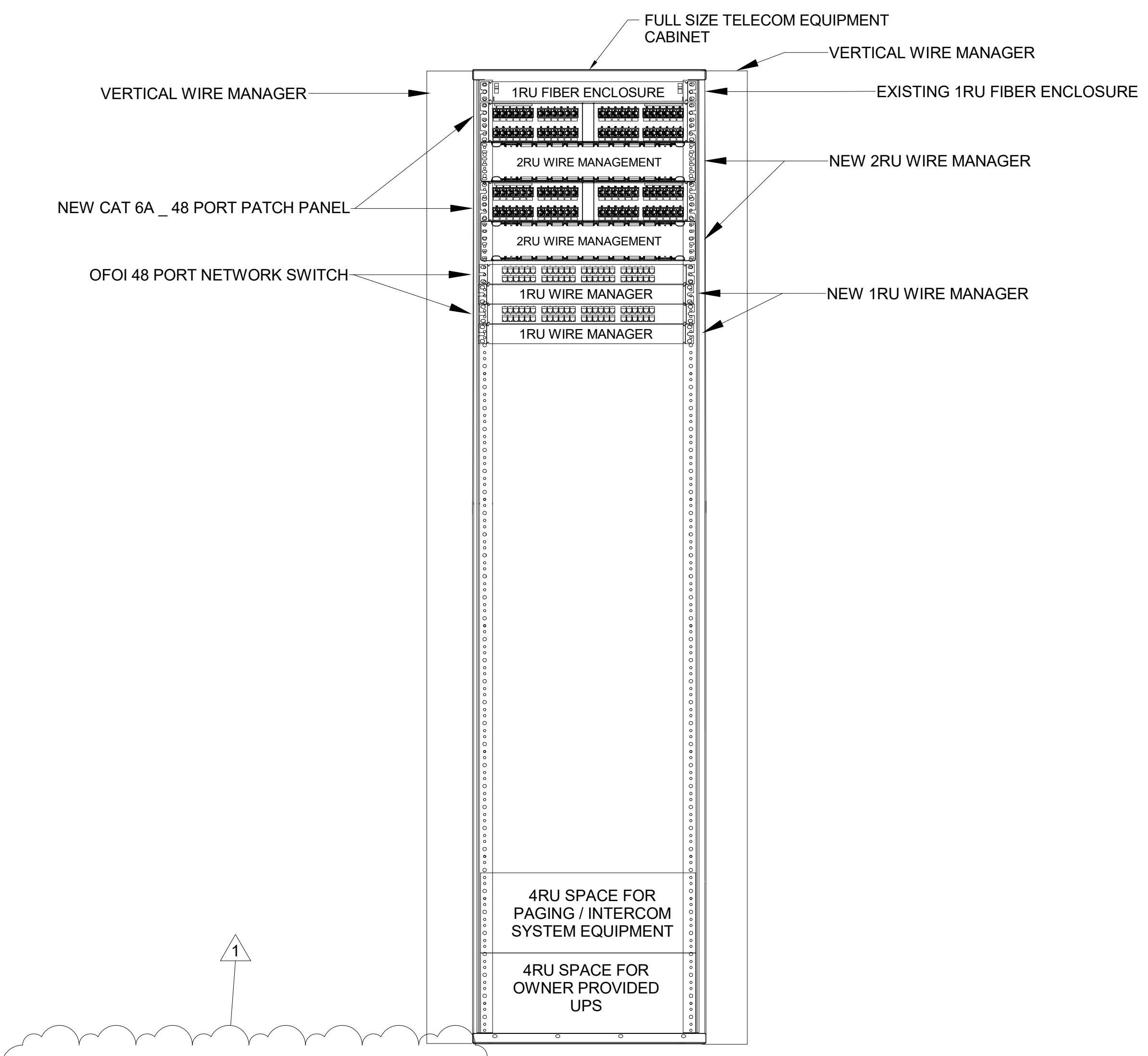
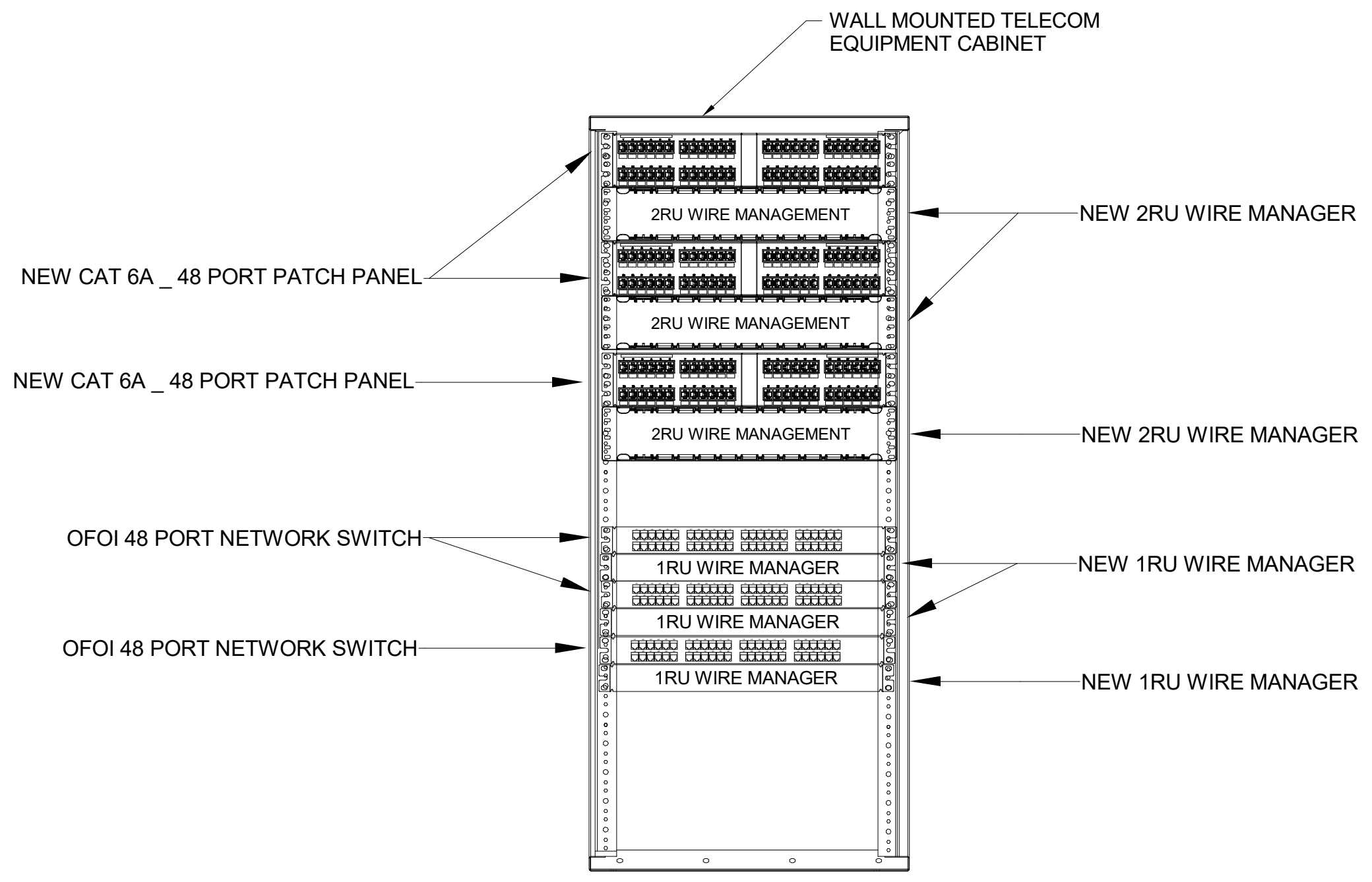


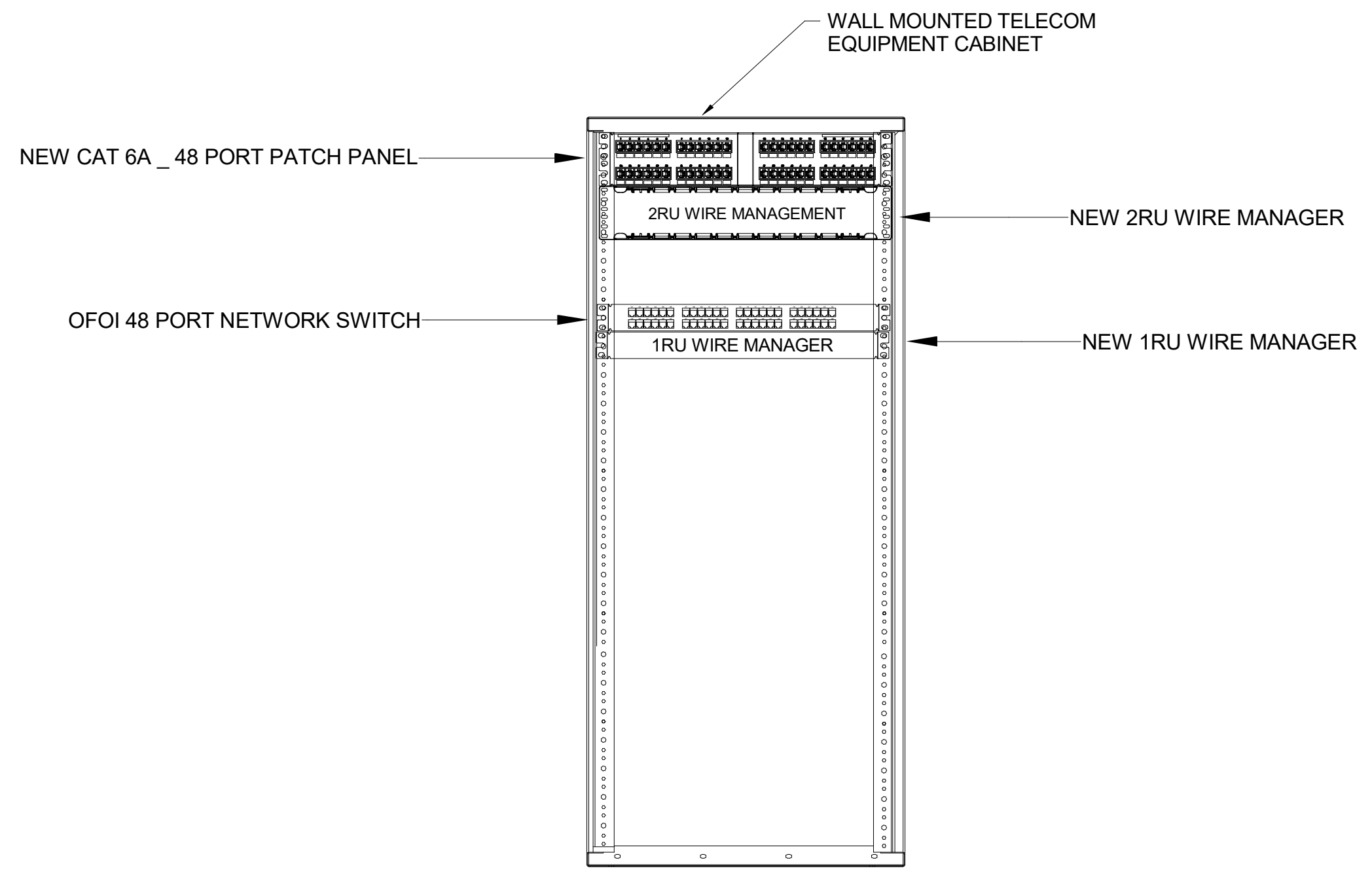
1 NEW IDF #1 (D108C) RACK ELEVATION
N.T.S.



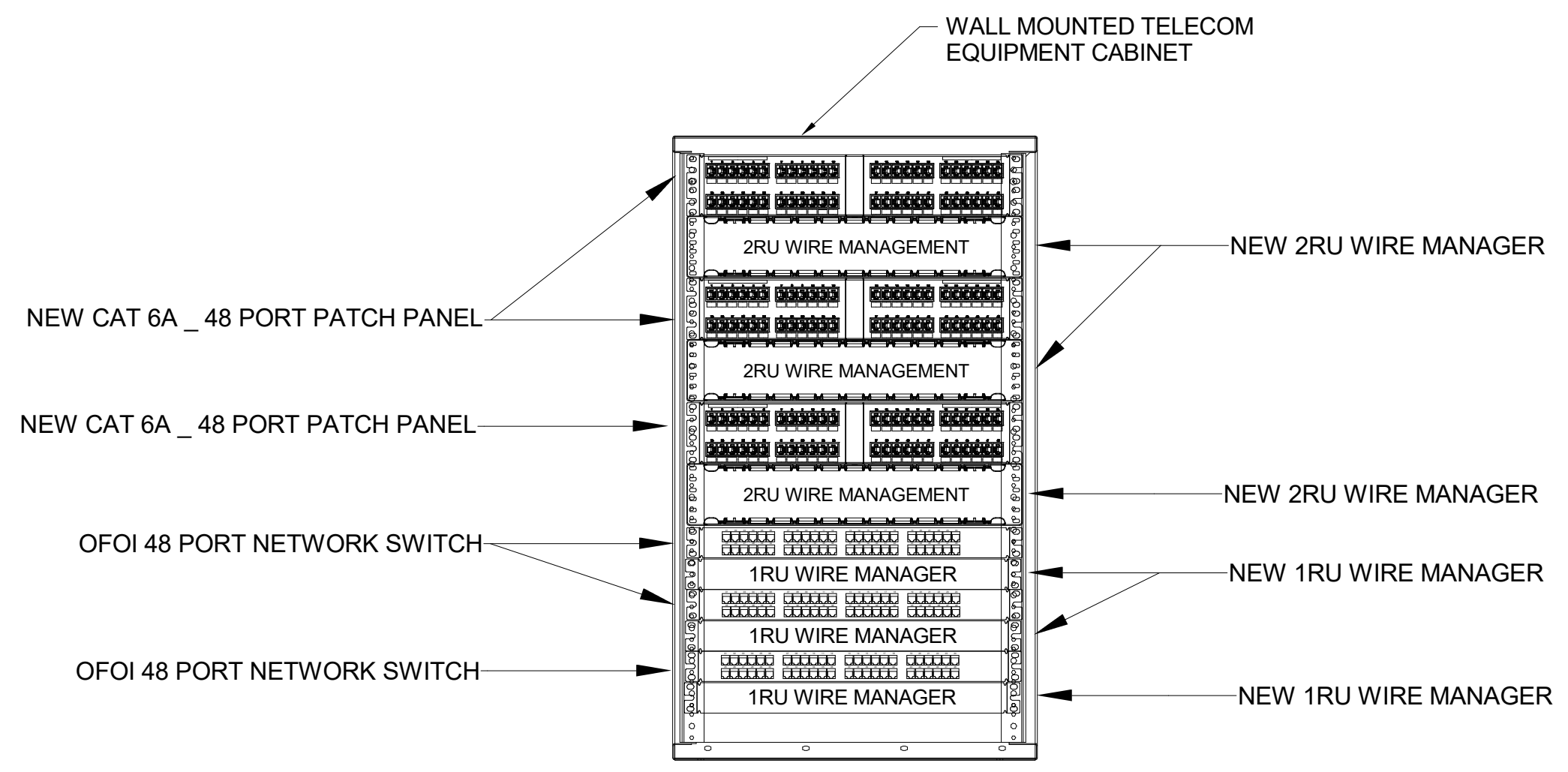
2 NEW IDF #2 (A115) RACK ELEVATION
N.T.S.



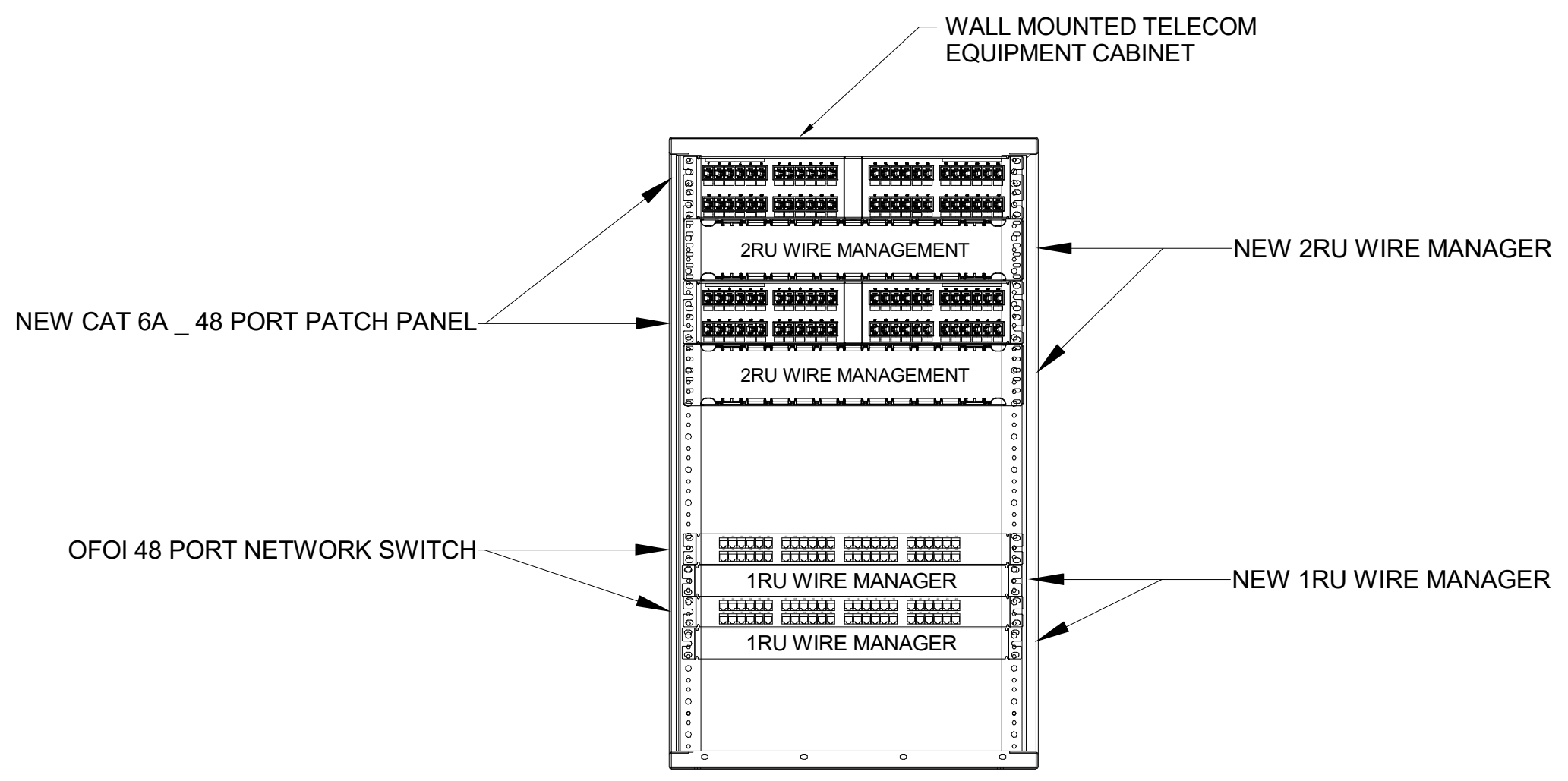
3 NEW IDF #3 (A134) RACK ELEVATION
N.T.S.



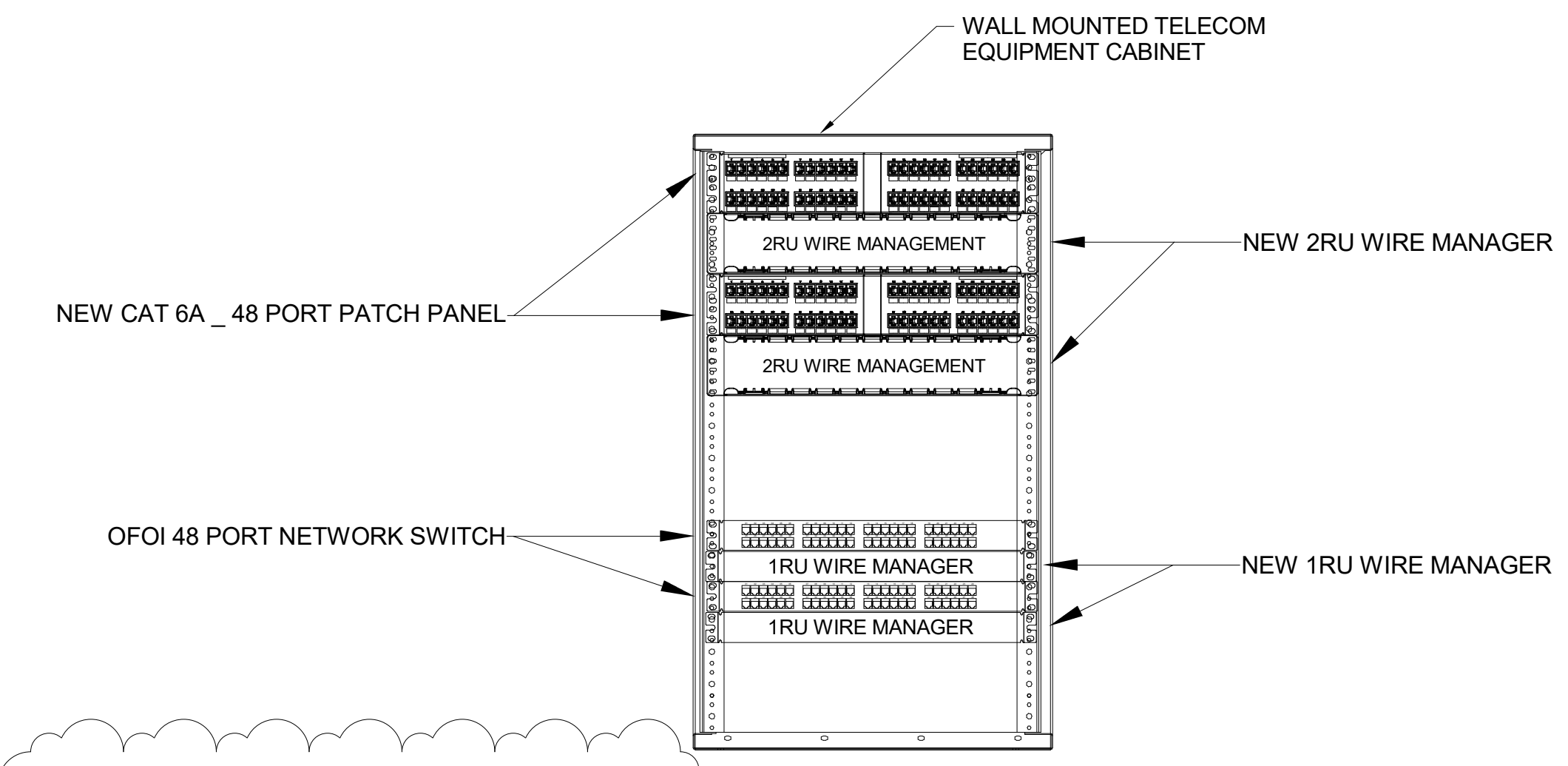
4 NEW IDF #4 (A153) RACK ELEVATION
N.T.S.



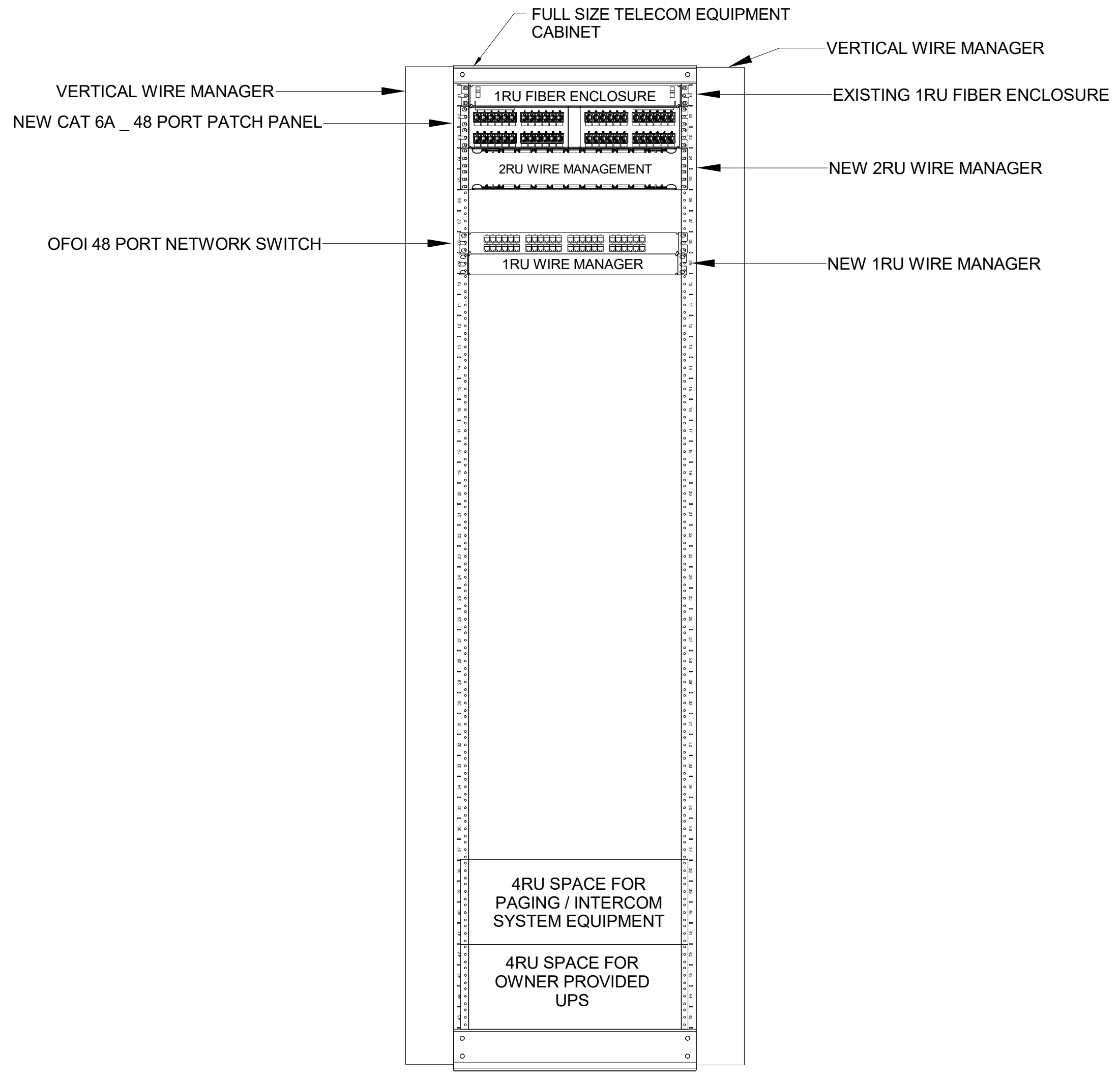
5 NEW IDF #5 (L106C) RACK ELEVATION
N.T.S.

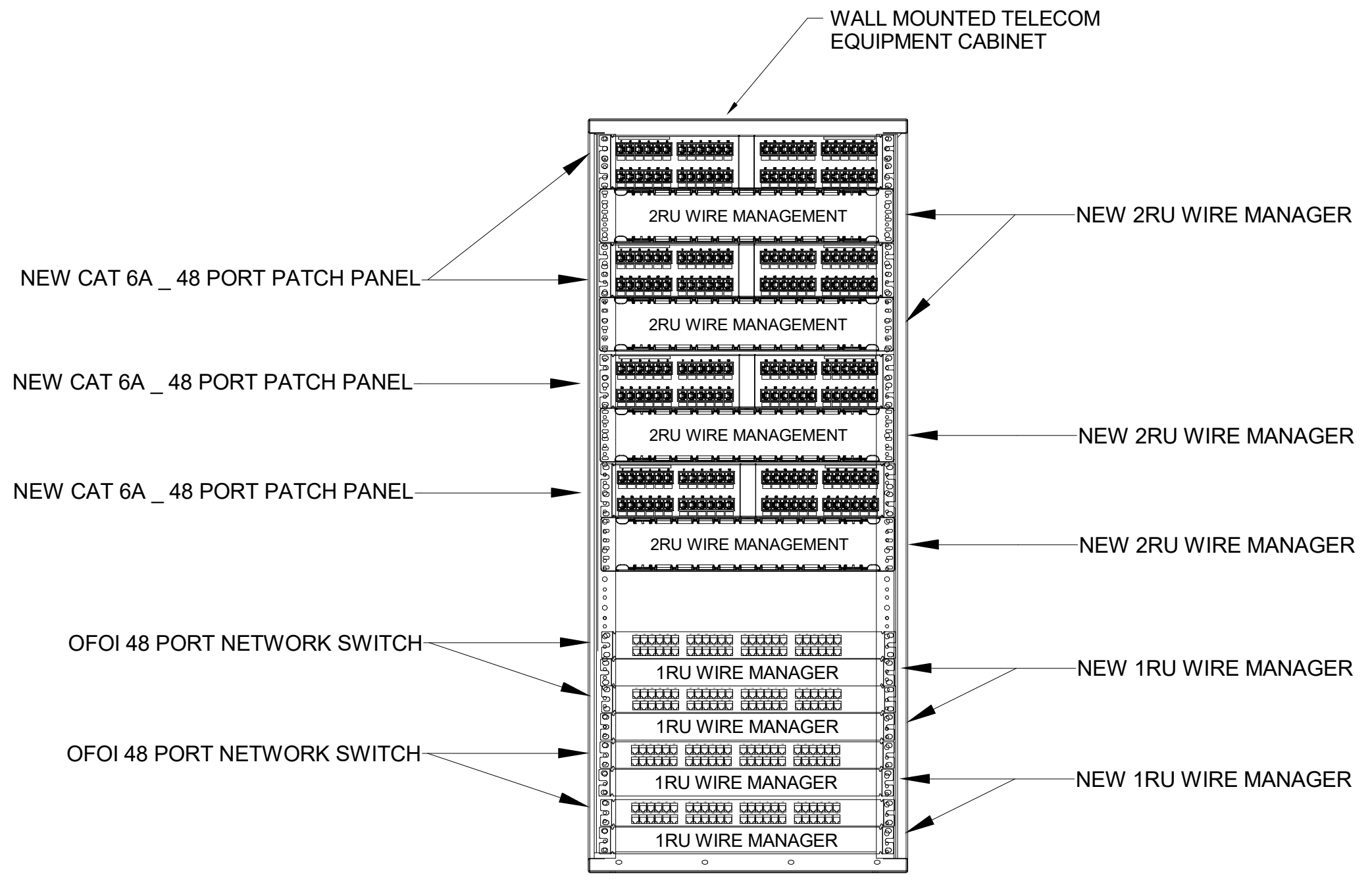


6 NEW IDF #6 (K112)RACK ELEVATION
N.T.S.

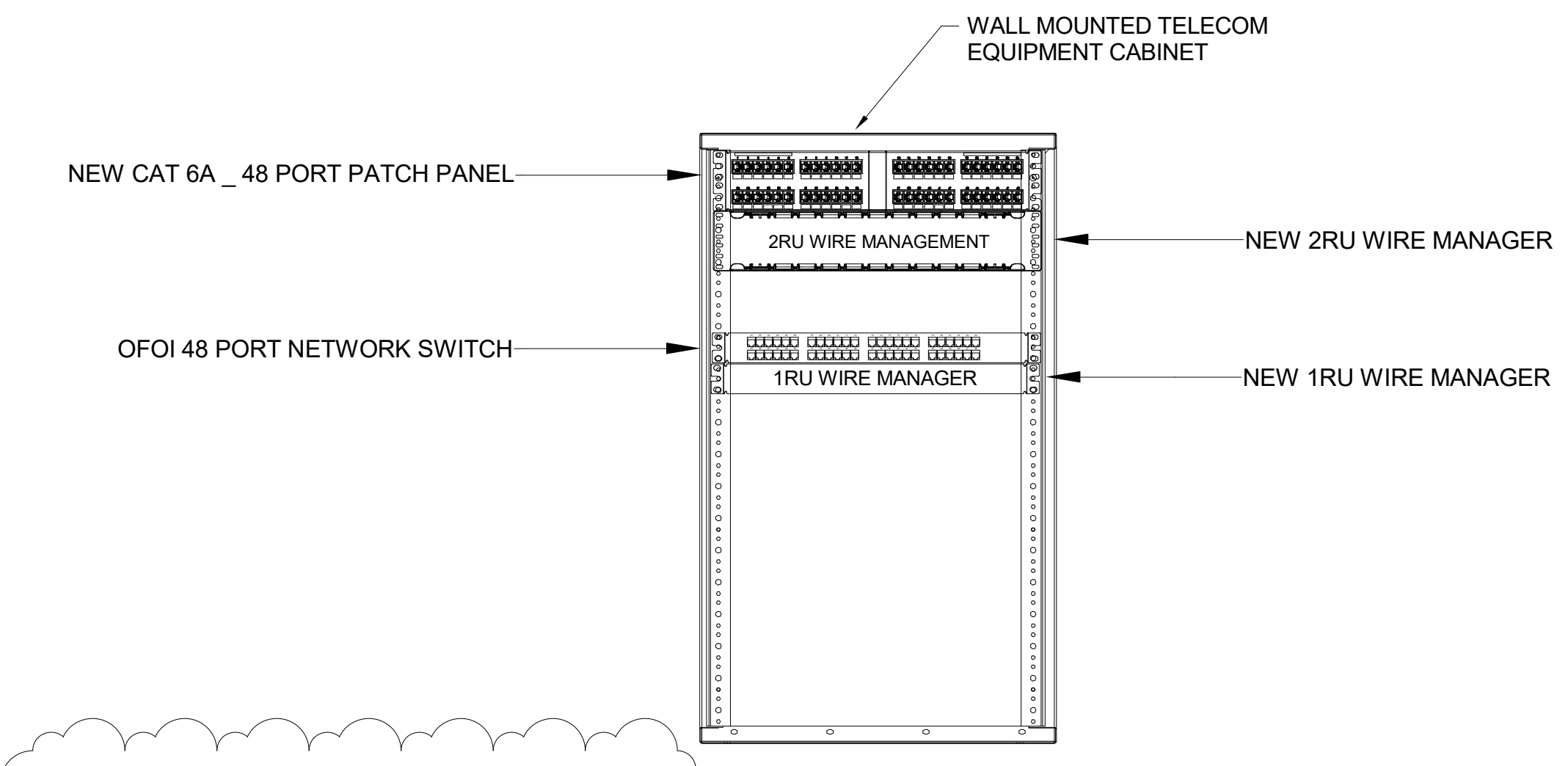


7 NEW IDF #7 (E116K) RACK ELEVATION
N.T.S.





8 NEW IDF #10 (B108L) RACK ELEVATION
N.T.S.



9 NEW IDF #12 (N110) RACK ELEVATION
N.T.S.

10 NEW IDF #11 (N123) RACK ELEVATION
N.T.S.

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A2.3	Addendum 2.3	03/22/2023

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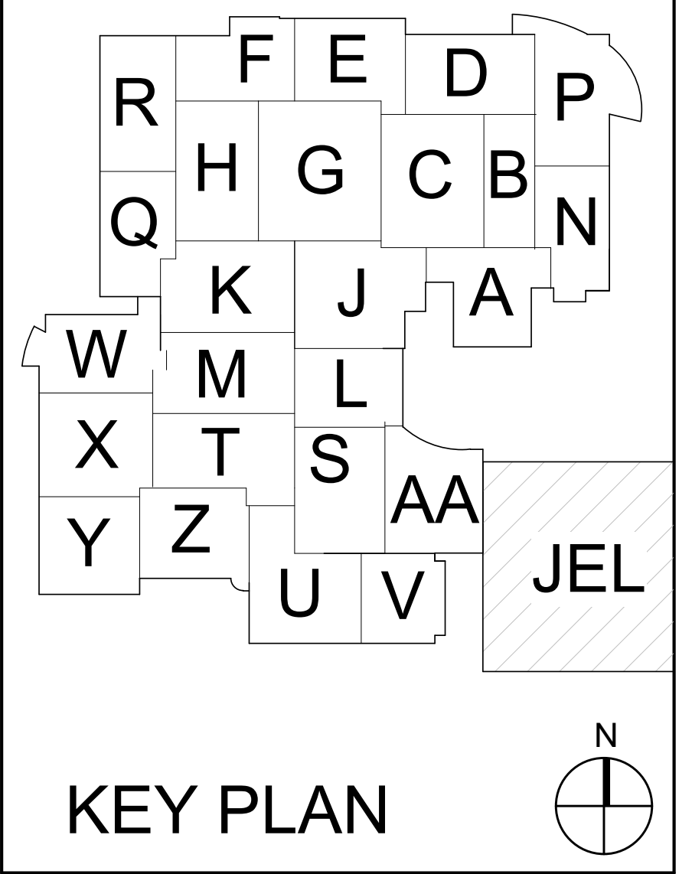


KEY PLAN

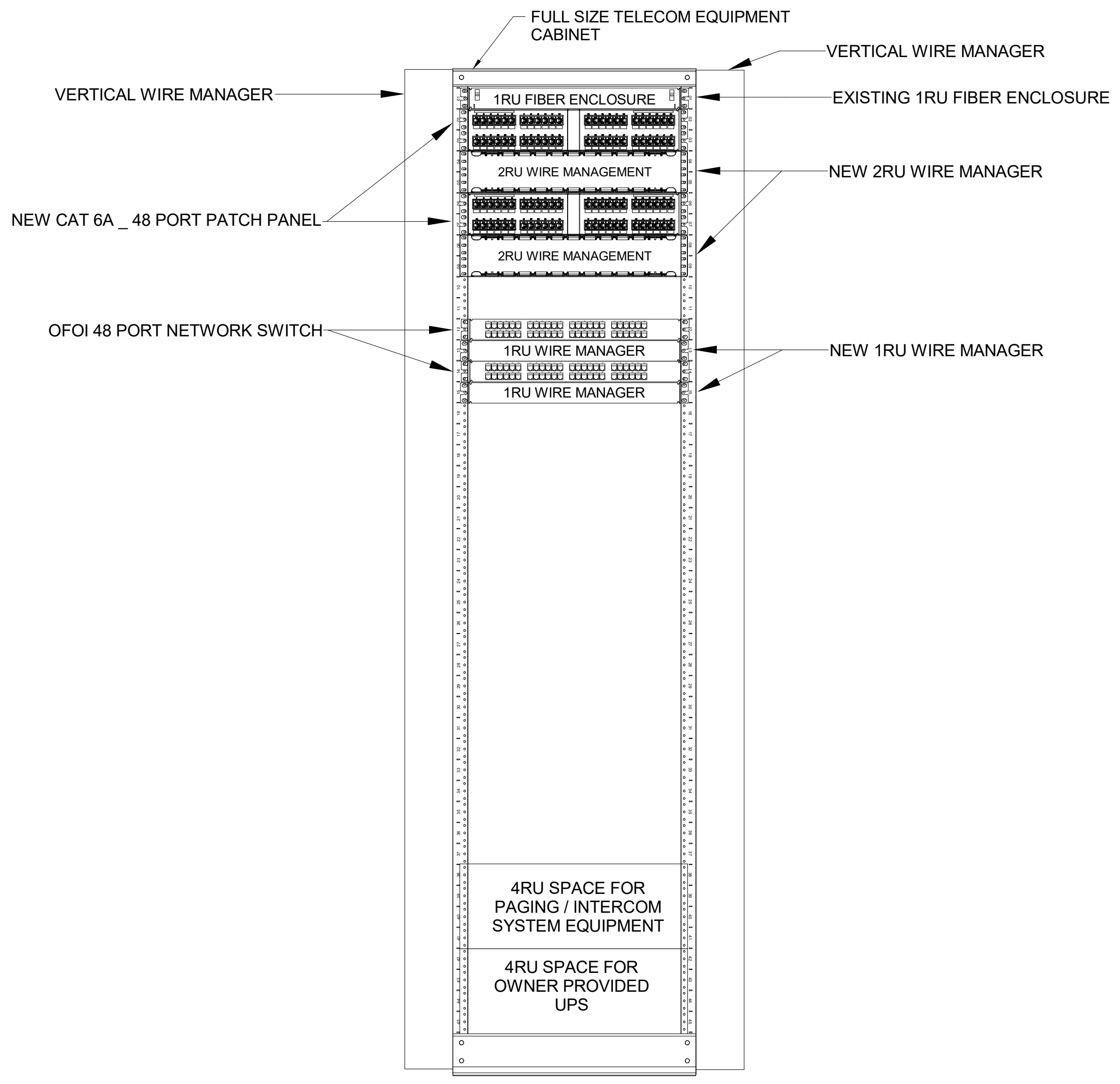
M.S.D. of Washington Township

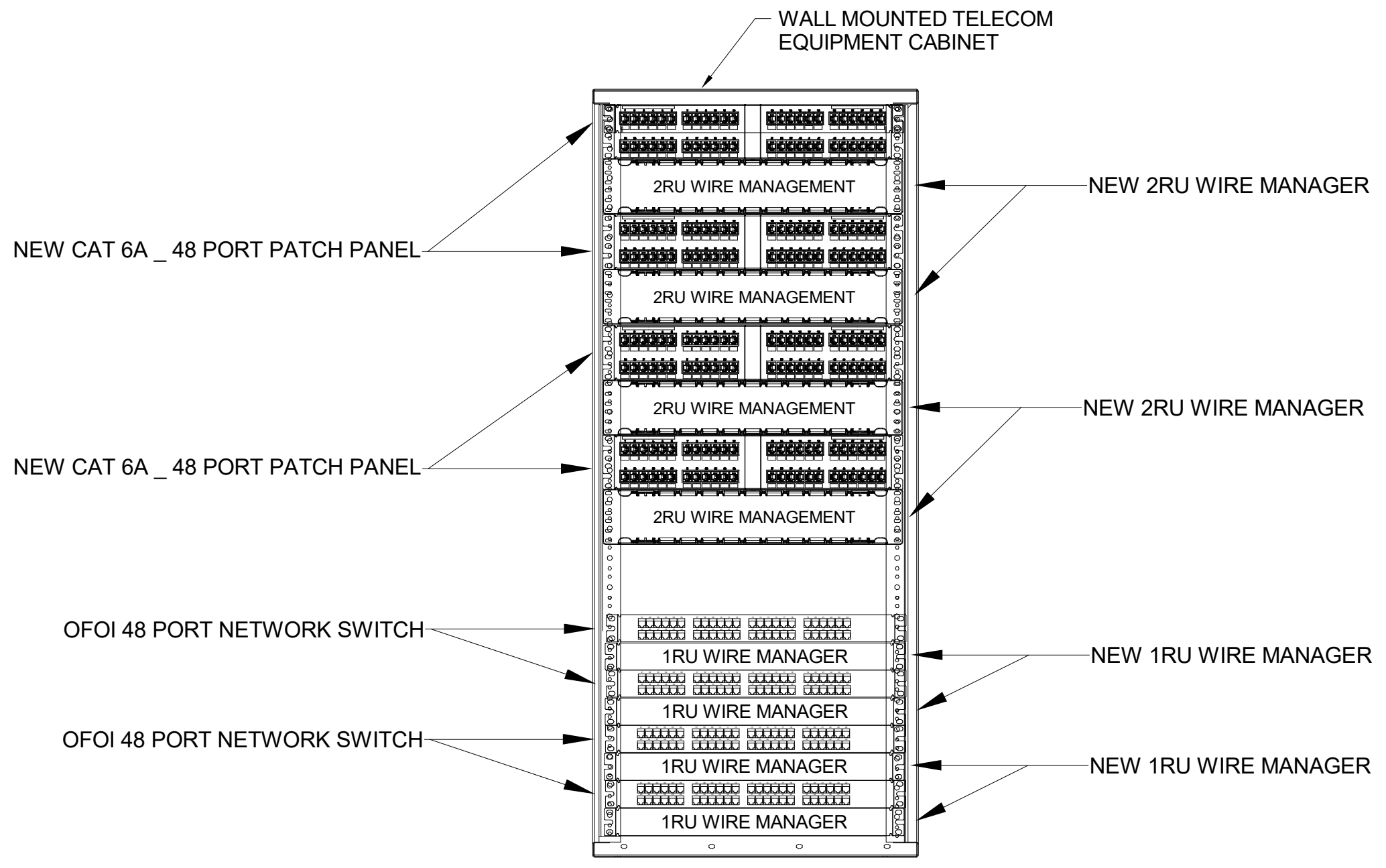
North Central High School
Renovation - Additions
Phase 3

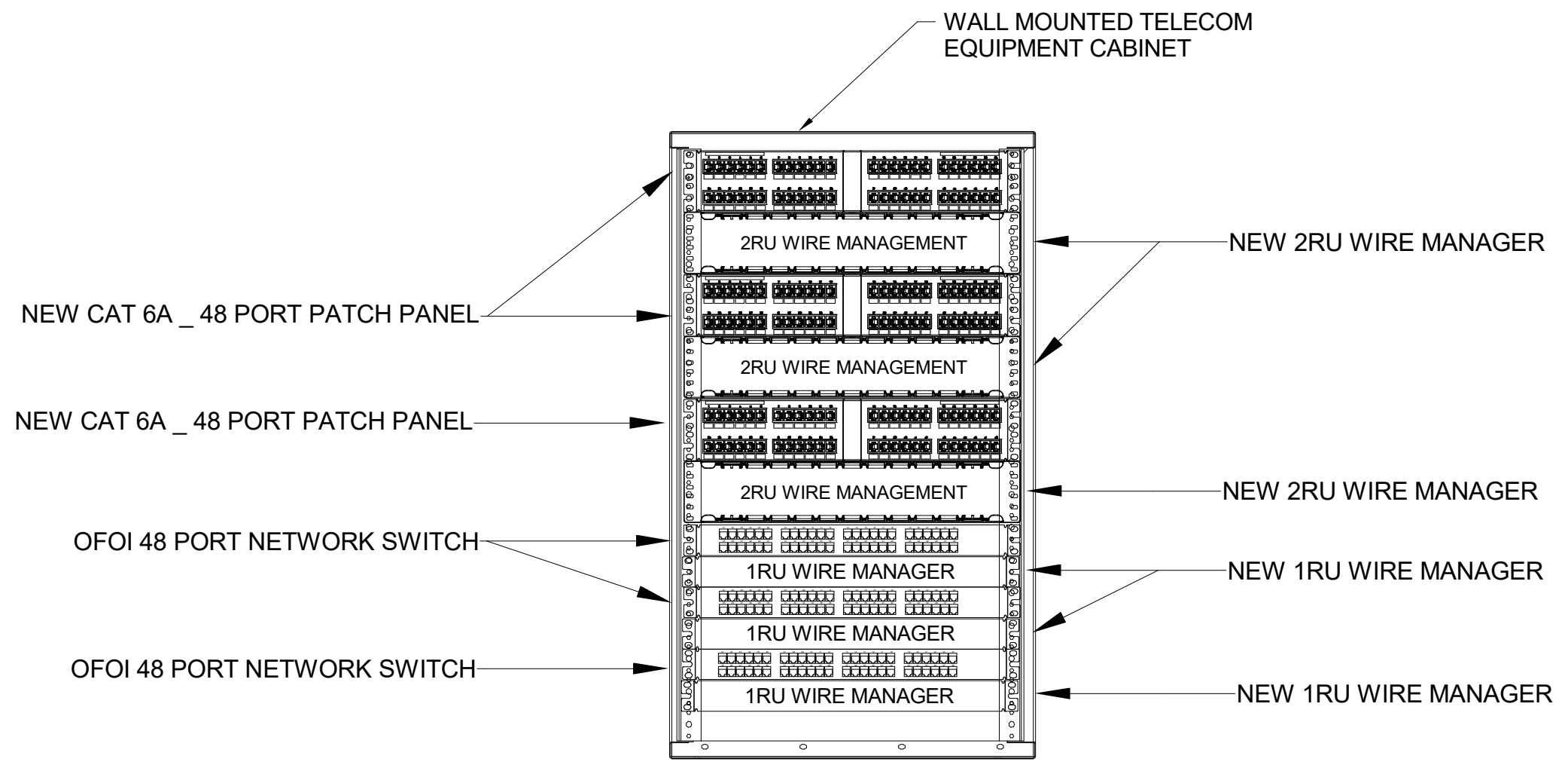
TECHNOLOGY RACK ELEVATIONS

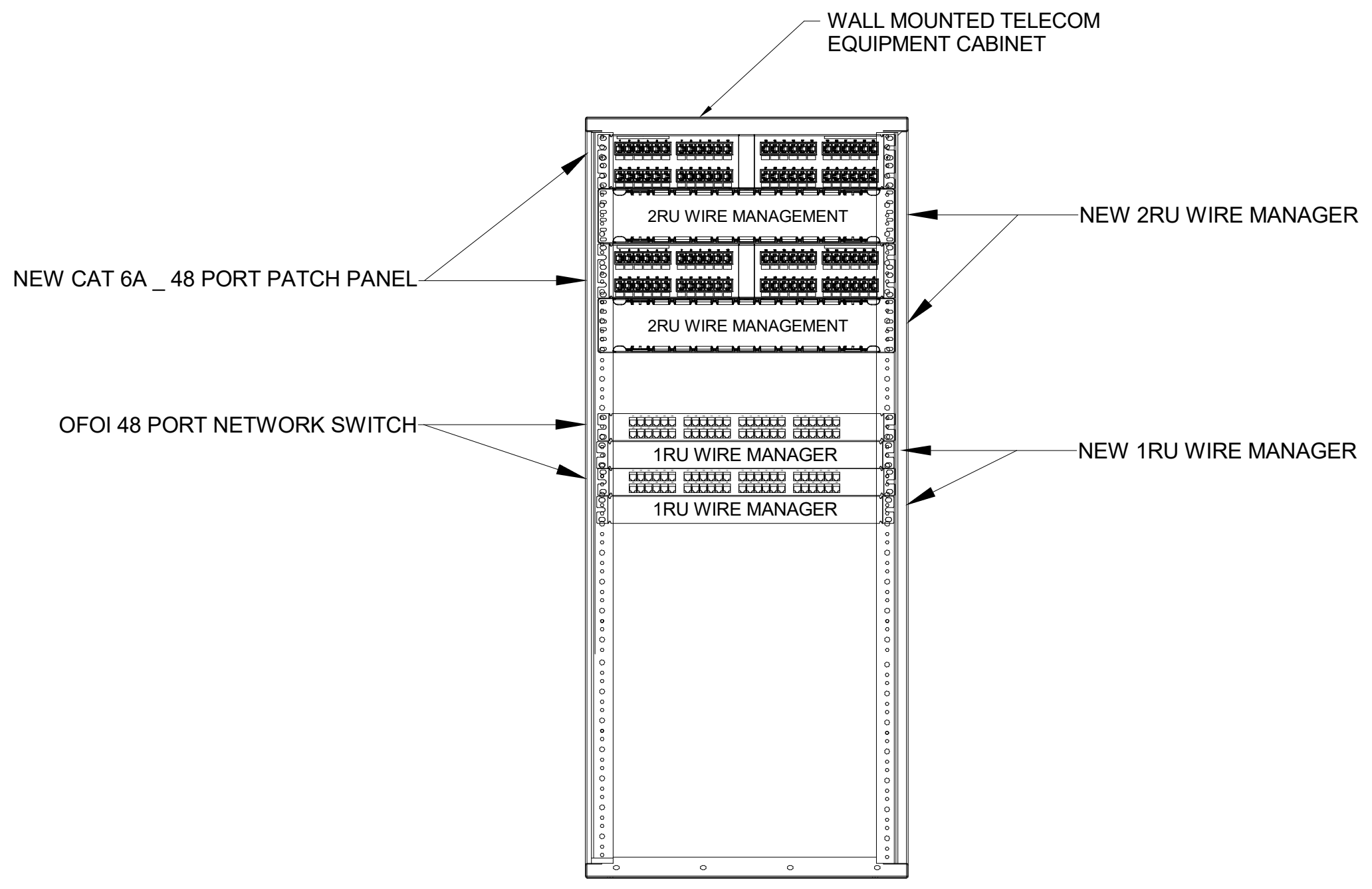
1
T343.3

T343.3_ TECHNOLOGY RACK ELEVATIONS
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
Autodesk Docs://2020-26 Schmidt - MSDWT North Central Reno/2019-067.NCH_Sector1_T_2022_Central.rvt
3/22/2023 12:12:55 PM







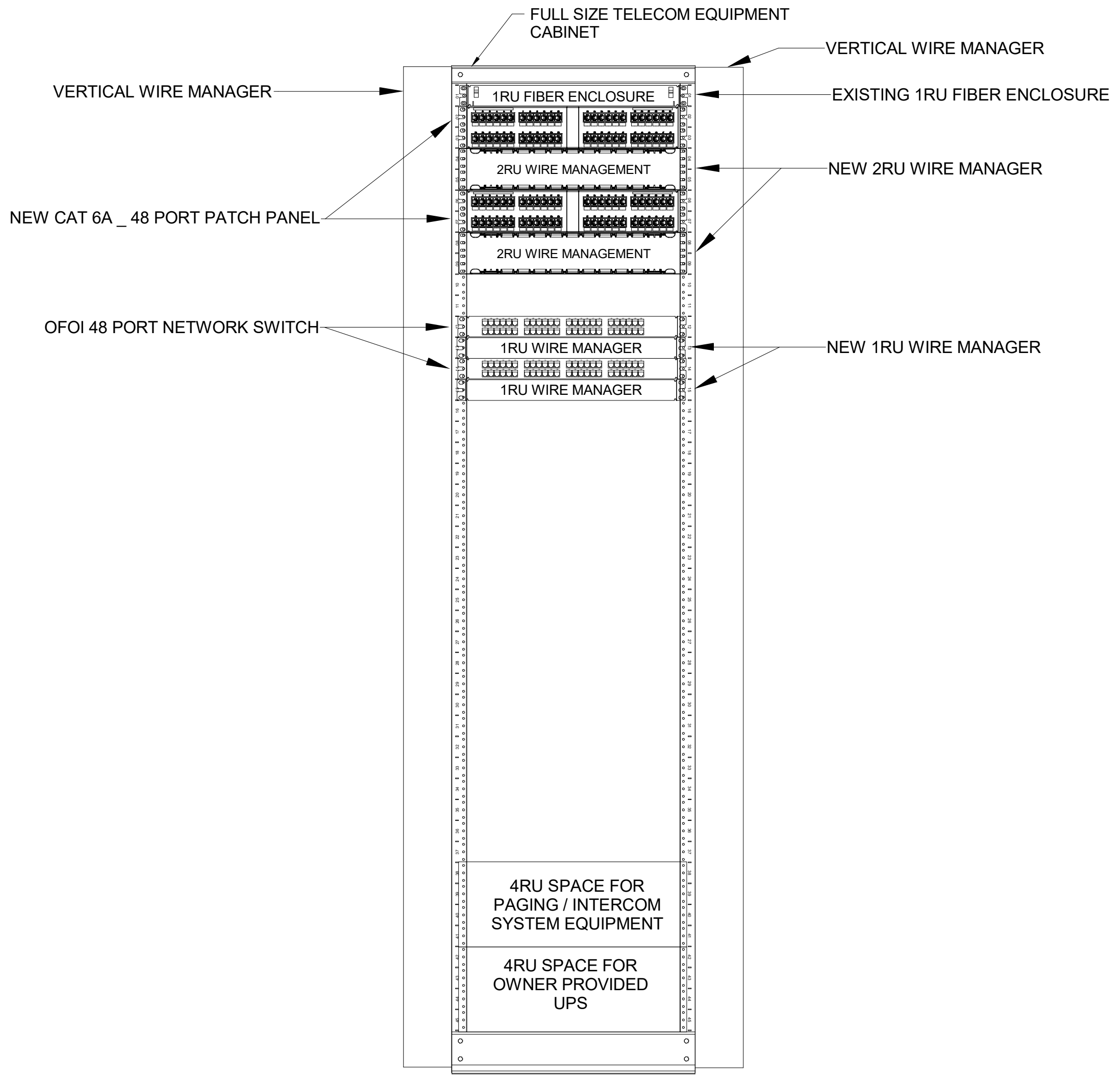


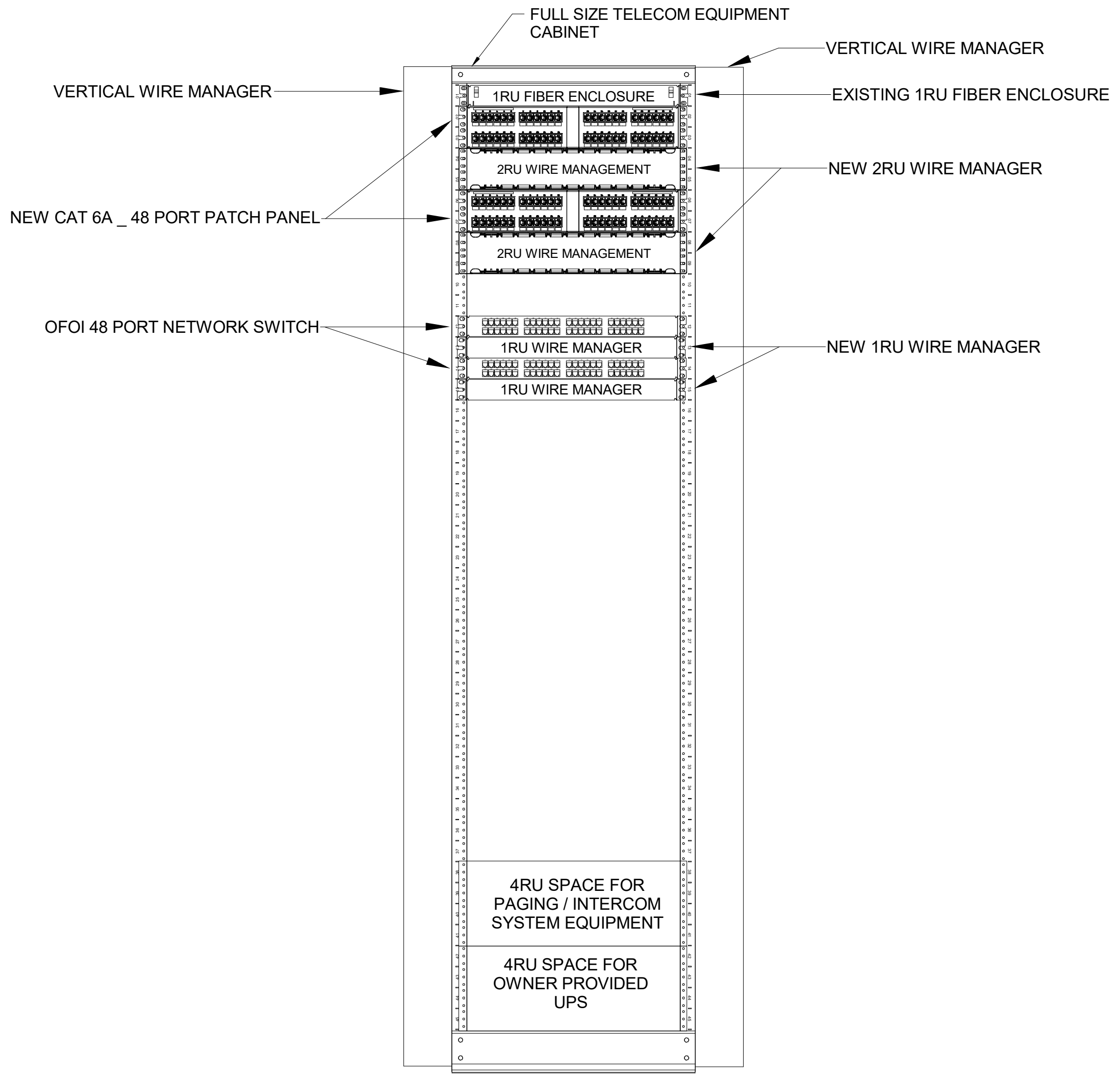
① NEW IDF #13 (C200) RACK ELEVATION
N.T.S.

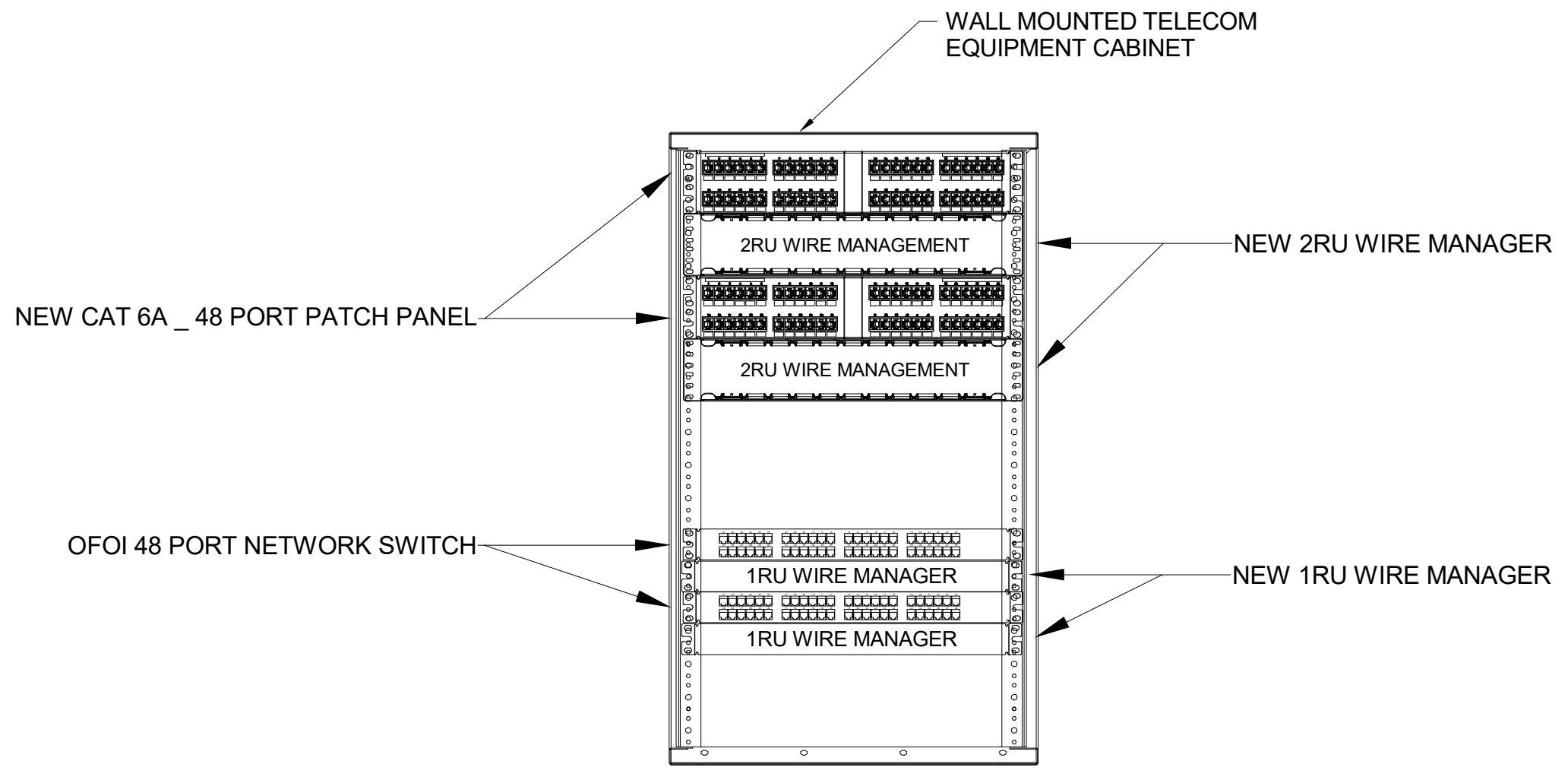
② NEW IDF #16 (A226K) RACK ELEVATION
N.T.S.

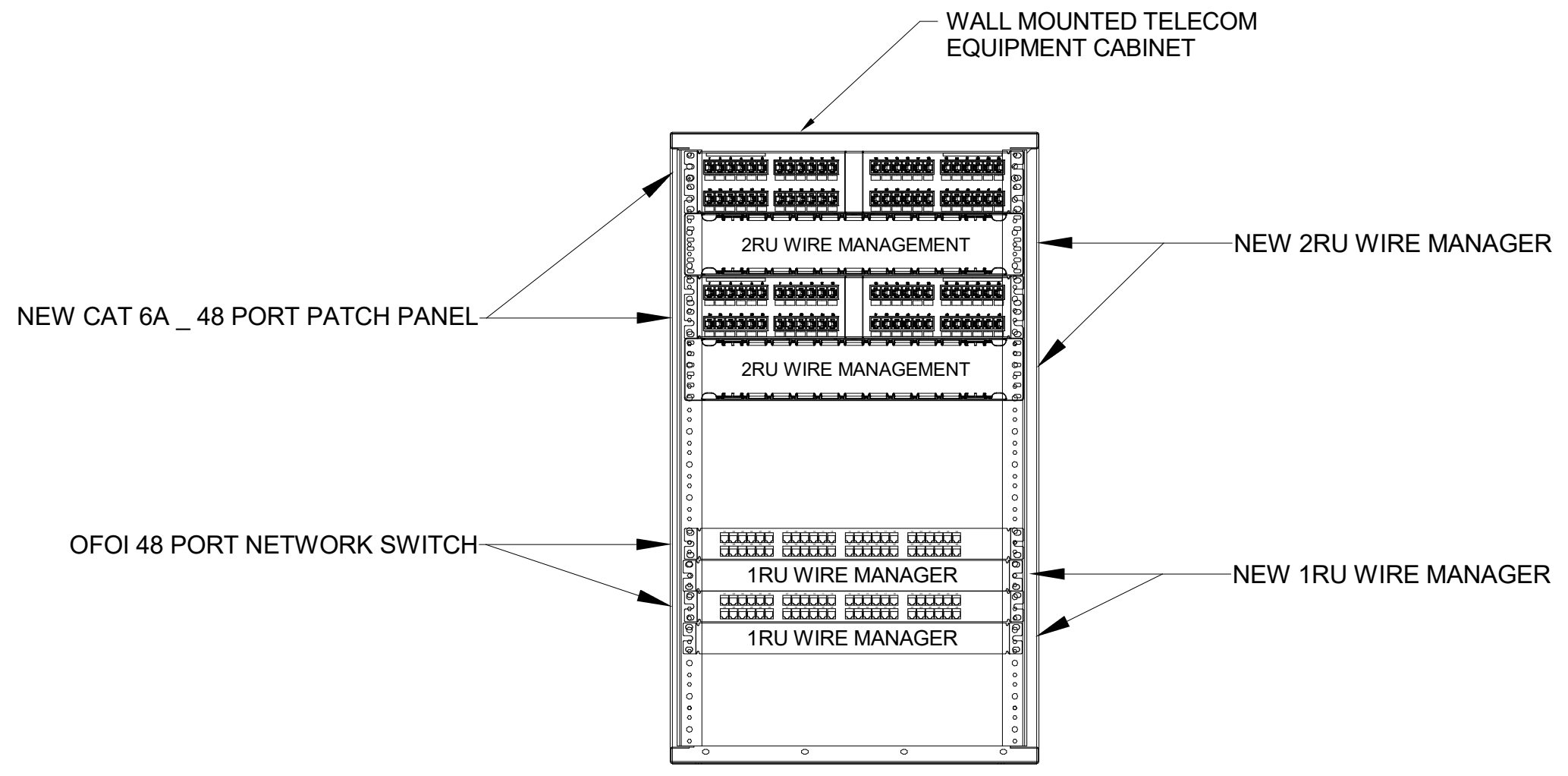
③ NEW IDF #17 (L205) RACK ELEVATION
N.T.S.

④ NEW IDF #18 (D219A) RACK ELEVATION
N.T.S.







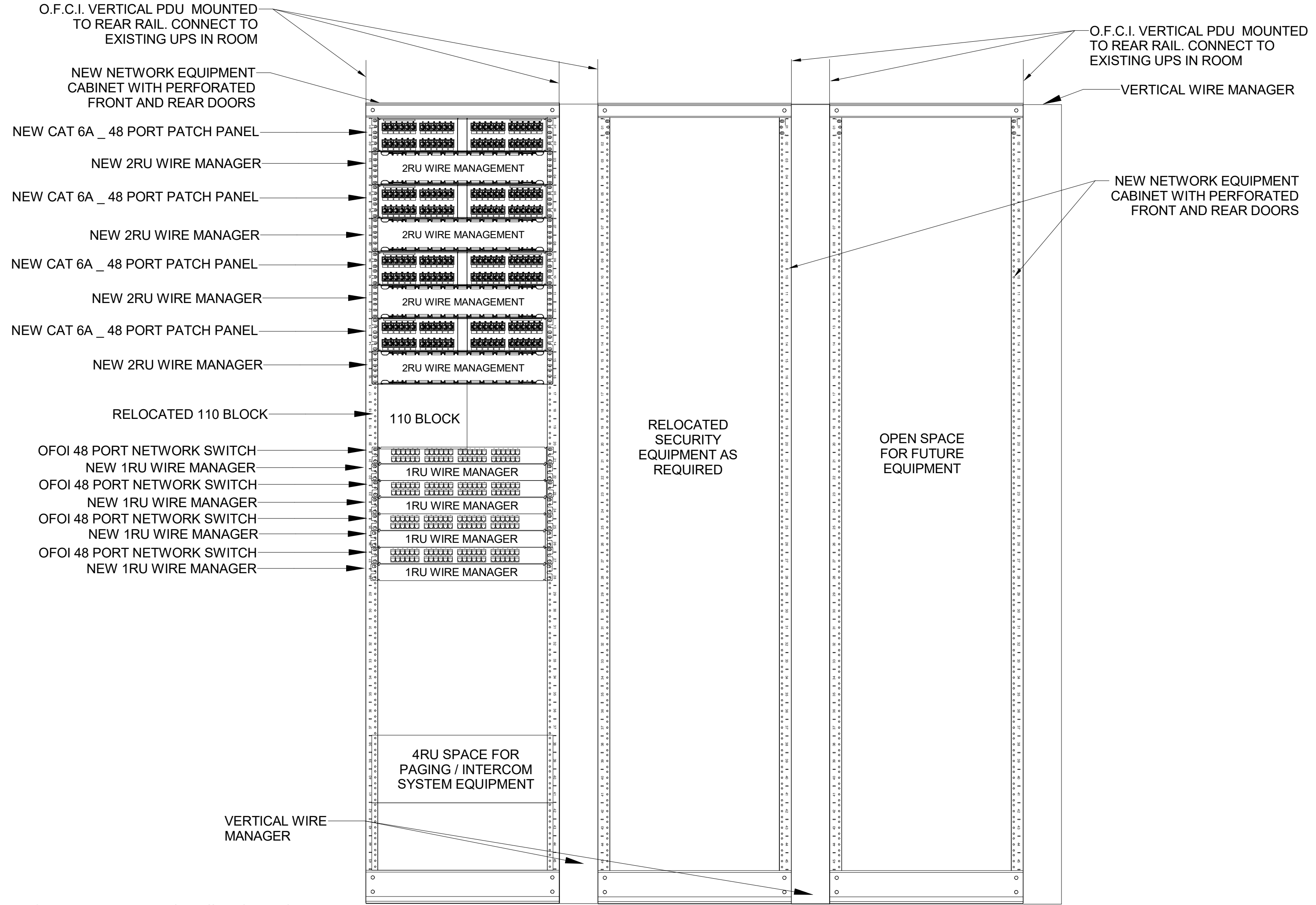


⑤ NEW IDF #19 (H242) RACK ELEVATION
N.T.S.

⑥ NEW IDF #20 (H206) RACK ELEVATION
N.T.S.

⑦ NEW IDF #21 (N234) RACK ELEVATION
N.T.S.

⑧ NEW IDF #22 (A236) RACK ELEVATION
N.T.S.



⑨ PHASE 3 - NEW MDF/IDF#23 (A220) RACK ELEVATION
N.T.S.

T344.3_ TECHNOLOGY RACK ELEVATIONS
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
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#	Revision	Date
A2.3	Addendum 2.3	03/22/2023

1801 East 86th Street
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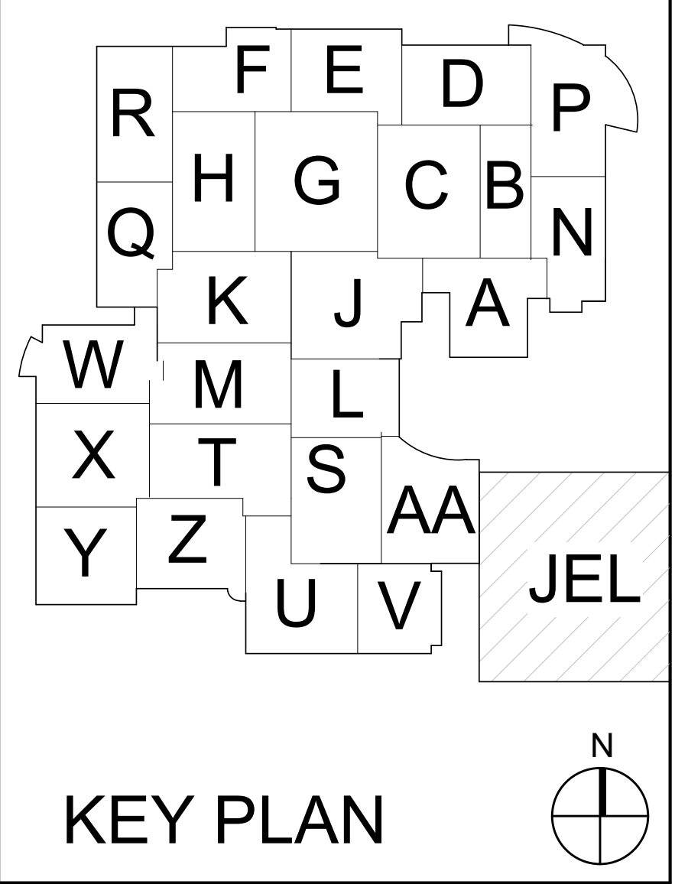


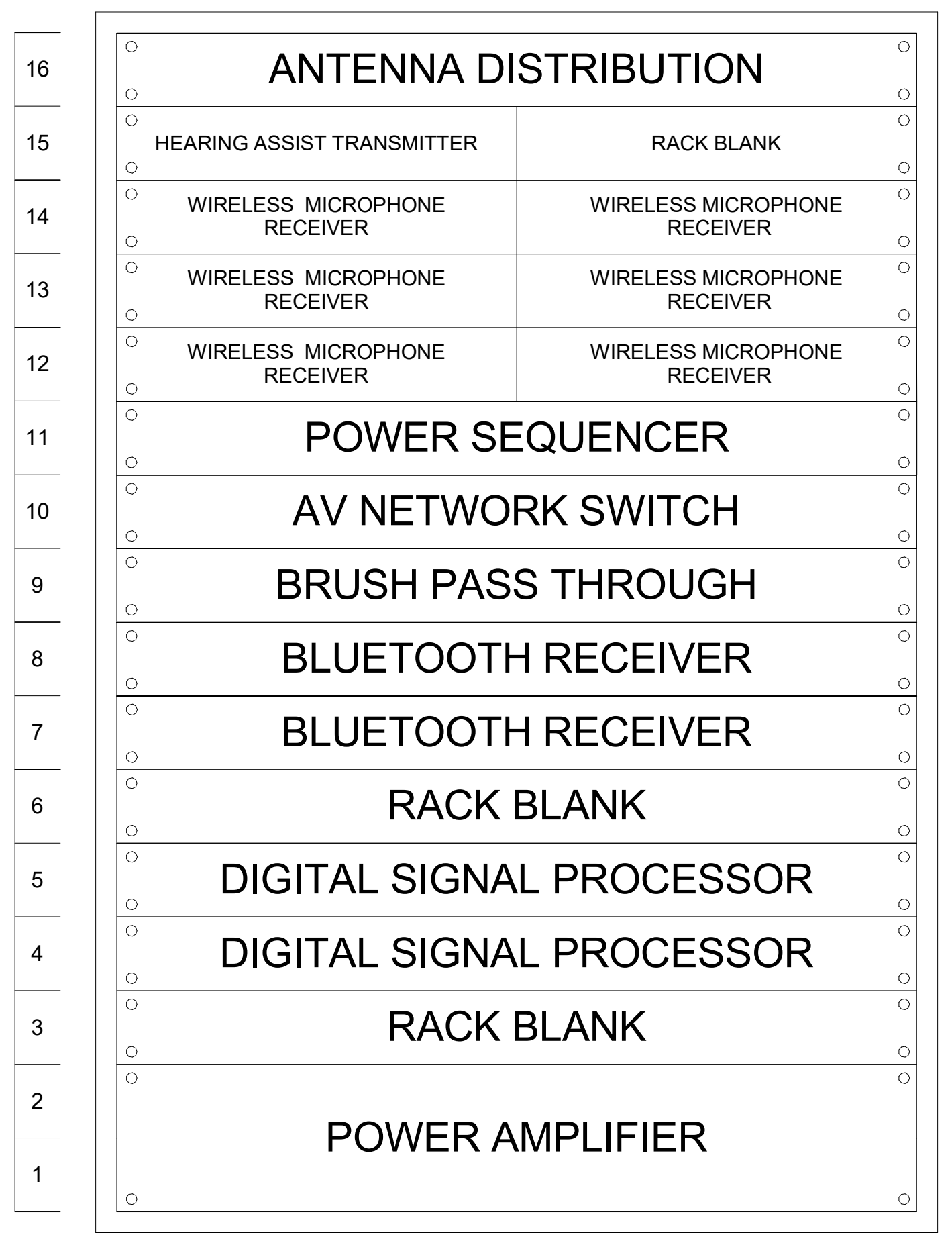
KEY PLAN

M.S.D. of Washington Township

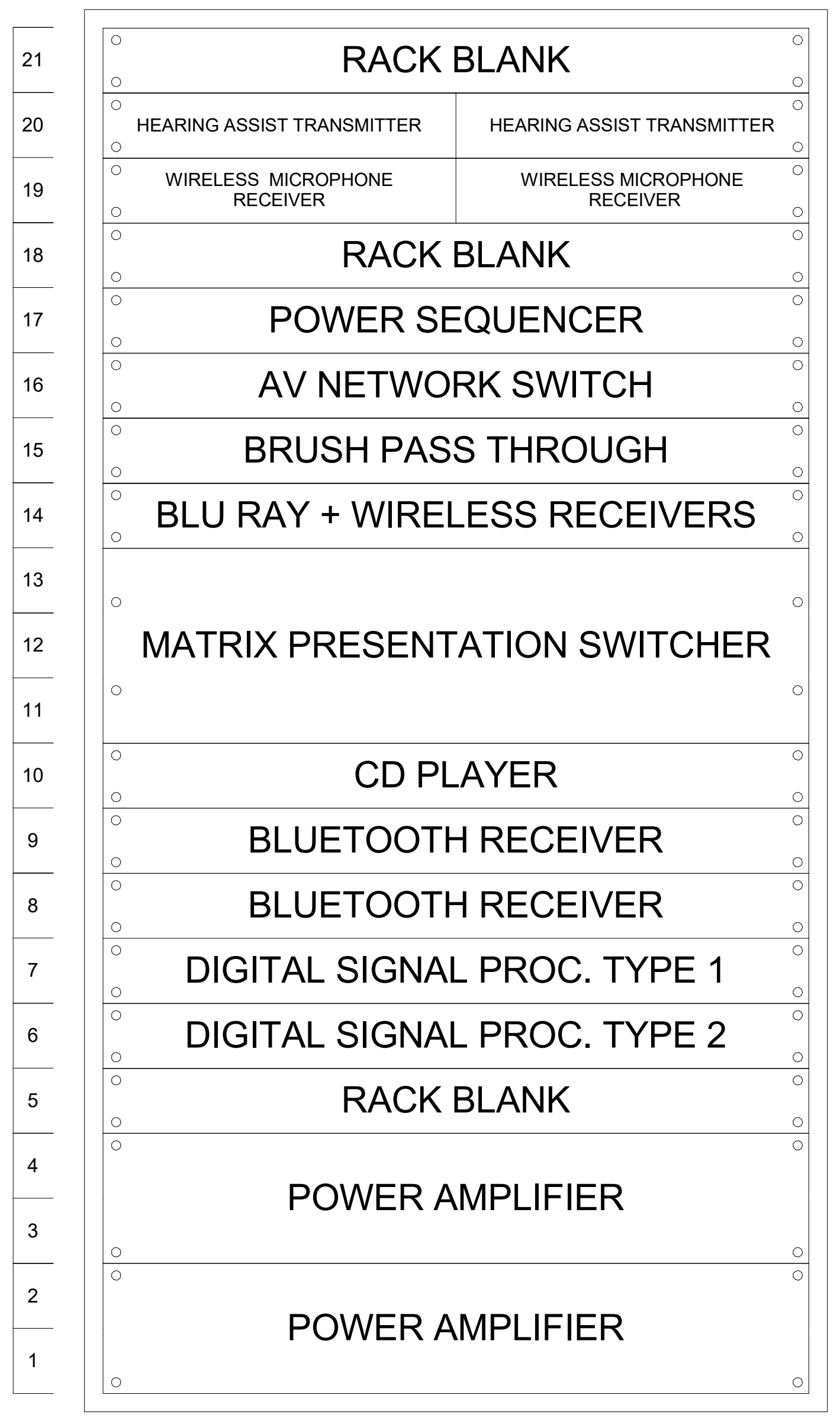
North Central High School
Renovation - Additions
Phase 3

TECHNOLOGY RACK ELEVATIONS

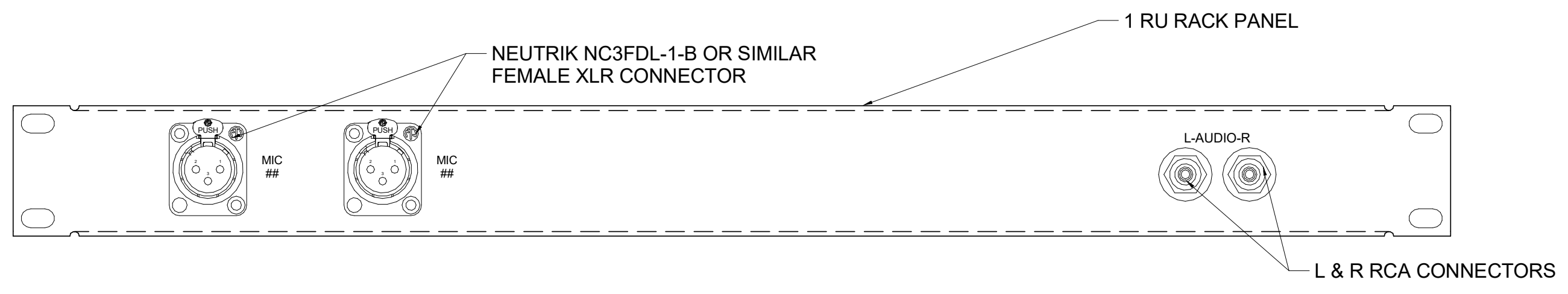
T344.3



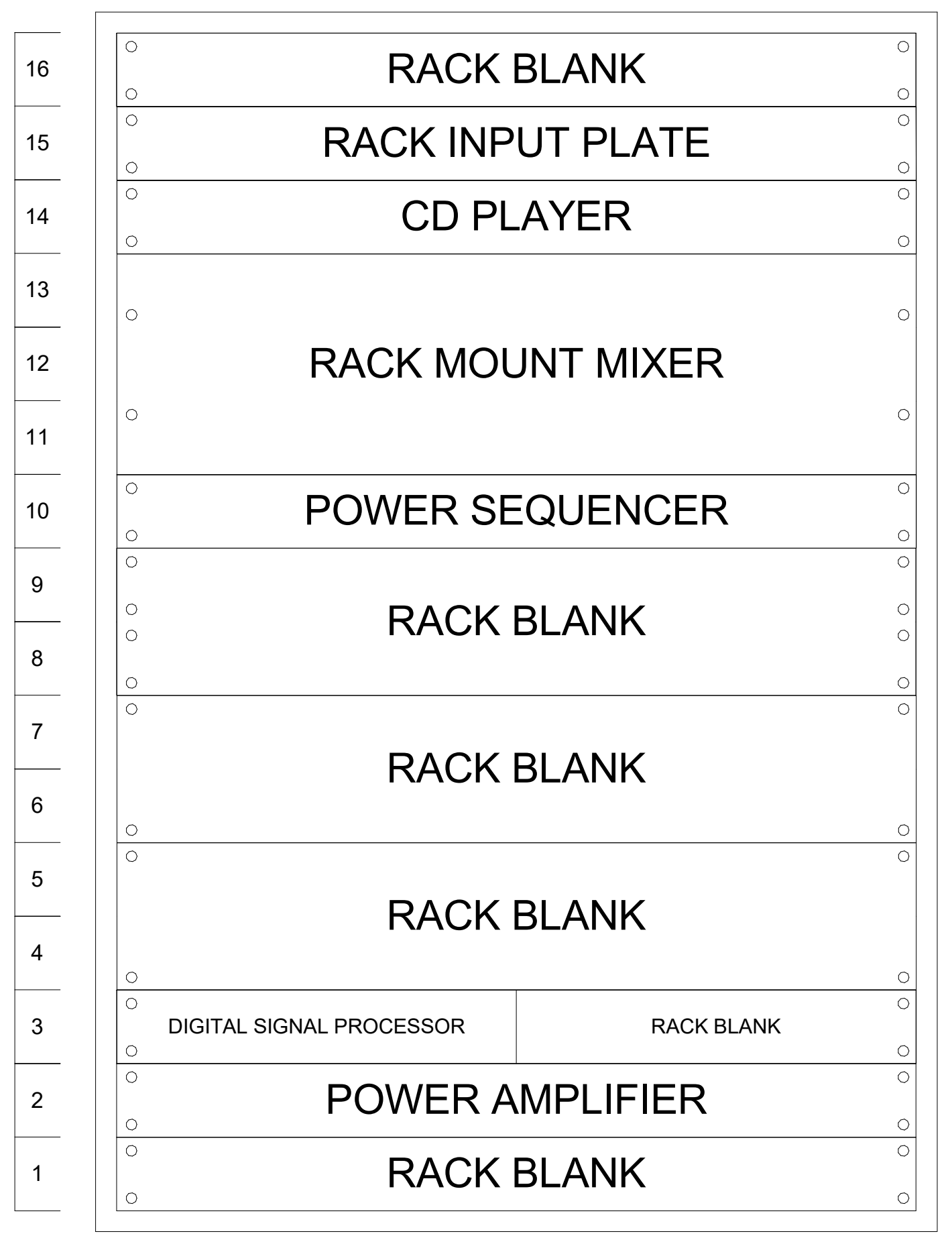
① AUX GYM AV RACK ELEVATION
N.T.S.



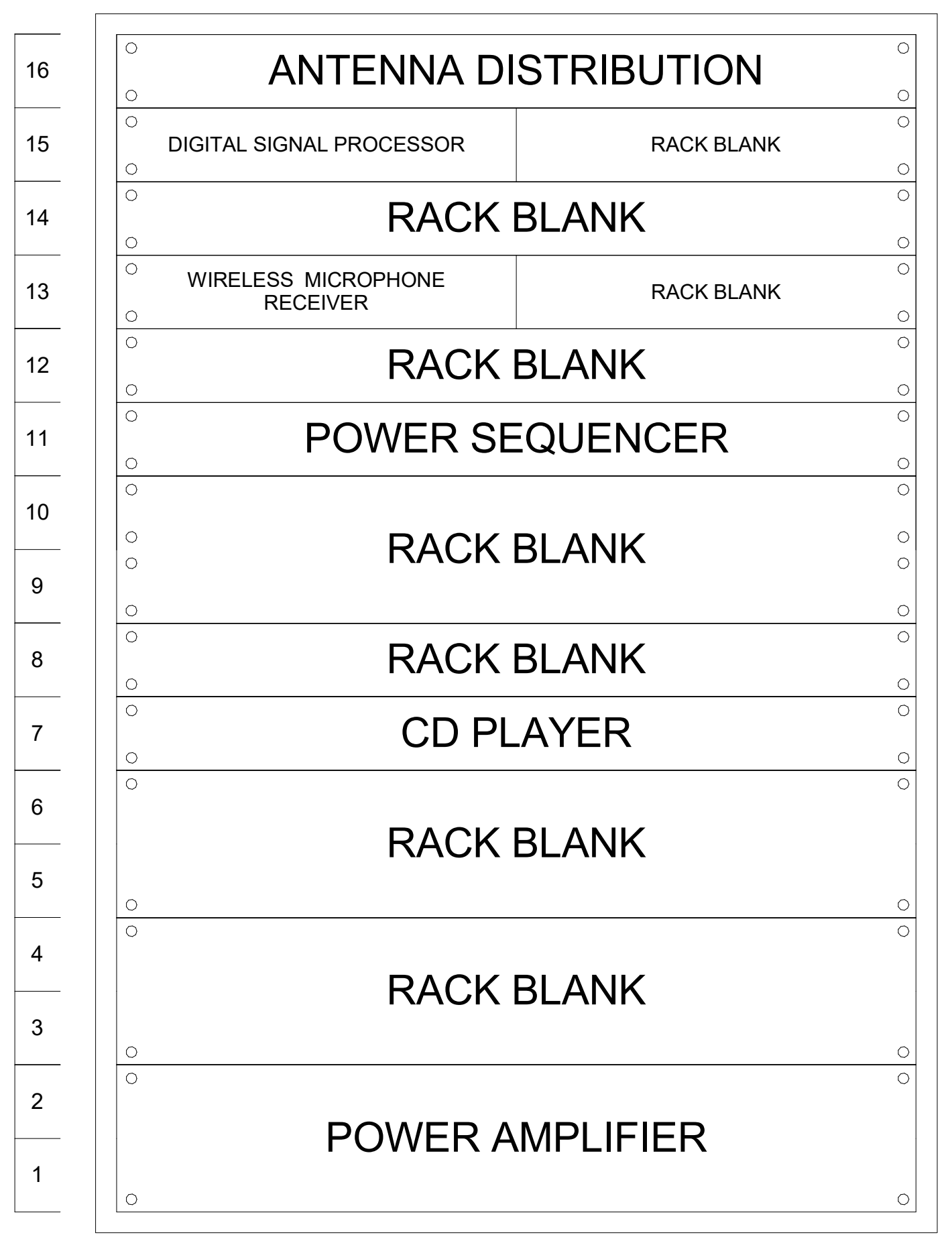
② CAFETERIA AV RACK ELEVATION
N.T.S.



③ MUSIC ROOM RACK IO PANEL
N.T.S.



④ MUSIC ROOM AV RACK ELEVATION
N.T.S.



⑤ WEIGHT ROOM AV RACK ELEVATION
N.T.S.

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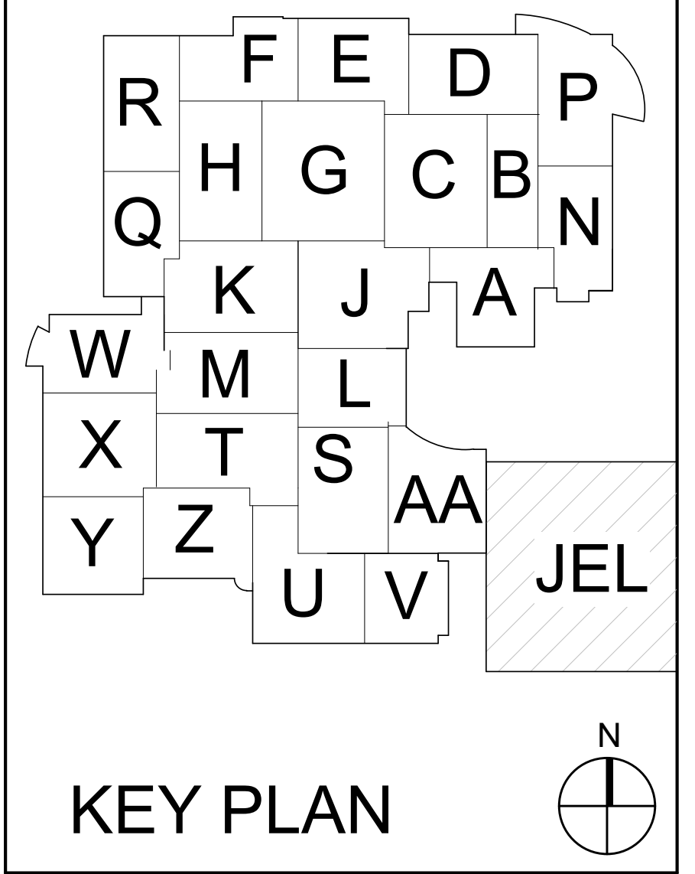

KEY PLAN

M.S.D. of Washington Township

North Central High School Renovation - Additions Phase 3

TECHNOLOGY RACK ELEVATIONS

1

T345.3

T345.3_ TECHNOLOGY RACK ELEVATIONS
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
Autodesk Docs://2020-26 Schmidt - MSDWT North Central Reno/2019-067.NCH_Sector1_T_2022_Central.rvt
3/22/2023 12:12:59 PM

IDF 1 (D108C) TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	TOTAL DATA	LABEL	COMMENTS
D157A	D108C	1	01-A-01	SECURITY CAMERA - NEW SINGLE SENSOR
B111	D108C	1	01-A-02	CEILING PROJECTOR LOCATION
B111	D108C	1	01-A-03	CEILING PROJECTOR LOCATION
B111	D108C	1	01-A-04	CEILING PROJECTOR LOCATION
B111	D108C	1	01-A-05	CEILING PROJECTOR LOCATION
B111	D108C	1	01-A-06	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
B111	D108C	1	01-A-07	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
B111	D108C	1	01-A-08	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
B111	D108C	1	01-A-09	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
B111	D108C	1	01-A-10	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
B111	D108C	1	01-A-11	CLOCK LOCATION - SURFACE MOUNTED
B111	D108C	1	01-A-12	DIGITAL SIGNAGE LOCATION -SURFACE MOUNTED
B111	D108C	1	01-A-13	DIGITAL SIGNAGE LOCATION -SURFACE MOUNTED
B111	D108C	1	01-A-14	DIGITAL SIGNAGE LOCATION -SURFACE MOUNTED
B111	D108C	1	01-A-15	DIGITAL SIGNAGE LOCATION -SURFACE MOUNTED
B111	D108C	1	01-A-16	DIGITAL SIGNAGE LOCATION -SURFACE MOUNTED
B111	D108C	1	01-A-17	CLOCK LOCATION - SURFACE MOUNTED
B111	D108C	2	01-A-18/19	FLOOR BOX LOCATION
B111	D108C	2	01-A-20/21	FLOOR BOX LOCATION
B111	D108C	1	01-A-22	CLOCK LOCATION - FLUSH MOUNTED
B111	D108C	2	01-A-23/24	FLOOR BOX LOCATION
B111	D108C	2	01-A-25/26	FLOOR BOX LOCATION
B111	D108C	2	01-A-27/28	FLOOR BOX LOCATION
B111	D108C	2	01-A-29/30	FLOOR BOX LOCATION
B111	D108C	1	01-A-31	CLOCK LOCATION - FLUSH MOUNTED
B111	D108C	1	01-A-32	CLOCK LOCATION - FLUSH MOUNTED
B111	D108C	1	01-A-33	CLOCK LOCATION - SURFACE MOUNTED
B111	D108C	1	01-A-34	SECURITY CAMERA - REINSTALLED EXISTING SINGLE SENSOR
B111	D108C	1	01-A-35	SECURITY CAMERA - RECABLED EXISTING SINGLE SENSOR
B111	D108C	1	01-A-36	SECURITY CAMERA - REINSTALLED EXISTING SINGLE SENSOR
B111	D108C	1	01-A-37	SECURITY CAMERA - REINSTALLED EXISTING SINGLE SENSOR
B111	D108C	1	01-A-38	SECURITY CAMERA - REINSTALLED EXISTING SINGLE SENSOR
B111	D108C	1	01-A-39	SECURITY CAMERA - REINSTALLED EXISTING SINGLE SENSOR
B111	D108C	1	01-A-40	SECURITY CAMERA - REINSTALLED EXISTING SINGLE SENSOR
B111	D108C	1	01-A-41	SECURITY CAMERA - CEILING MOUNTED - RELOCATED EXISTING SINGLE SENSOR
B111A	D108C	1	01-A-42	CLOCK LOCATION - SURFACE MOUNTED
B111A	D108C	1	01-A-43	SECURITY CAMERA - NEW SINGLE SENSOR
B11D	D108C	1	01-A-44	AV RACK LOCATION
D000	D108C	1	01-A-45	SECURITY CAMERA - NEW SINGLE SENSOR
D101	D108C	2	01-A-46/47	DATA VOICE LOCATION - SURFACE MOUNTED
D103	D108C	1	01-A-48	CLOCK LOCATION - SURFACE MOUNTED
D103	D108C	2	01-B-01/02	DATA VOICE LOCATION - SURFACE MOUNTED
D105	D108C	4	01-B-03/04/05/06	DATA VOICE LOCATION - SURFACE MOUNTED
D105	D108C	1	01-B-07	MONITOR LOCATION - FLUSH MOUNTED
D105	D108C	1	01-B-08	MONITOR LOCATION - FLUSH MOUNTED
D105	D108C	1	01-B-09	MONITOR LOCATION - SURFACE MOUNTED
D105	D108C	6	01-B-10/11/12/13/14/15	DATA VOICE LOCATION - SURFACE MOUNTED
D105	D108C	6	01-B-16/17/18/19/20/21	DATA VOICE LOCATION - SURFACE MOUNTED
D105	D108C	6	01-B-22/23/24/25/26/27	DATA VOICE LOCATION - SURFACE MOUNTED
D105	D108C	2	01-B-28/29	DATA VOICE LOCATION - SURFACE MOUNTED
D105	D108C	6	01-B-30/31/32/33/34/35	DATA VOICE LOCATION - SURFACE MOUNTED
D105	D108C	6	01-B-36/37/38/39/40/41	DATA VOICE LOCATION - SURFACE MOUNTED
D105	D108C	6	01-B-42/43/44/45/46/47	DATA VOICE LOCATION - SURFACE MOUNTED
D105	D108C	1	01-B-48	WALL PHONE LOCATION - SURFACE MOUNTED
D105	D108C	2	01-C-01/02	DATA VOICE LOCATION - SURFACE MOUNTED
D105	D108C	1	01-C-03	CLOCK LOCATION - FLUSH MOUNTED
D107B	D108C	2	01-C-04/05	DATA VOICE LOCATION - SURFACE MOUNTED
D107B	D108C	1	01-C-06	CLOCK LOCATION - SURFACE MOUNTED
D108	D108C	1	01-C-07	CLOCK LOCATION - SURFACE MOUNTED
D118	D108C	1	01-C-08	CLOCK LOCATION - SURFACE MOUNTED
D118	D108C	1	01-C-09	CLOCK LOCATION - SURFACE MOUNTED
D118B	D108C	2	01-C-10/11	DATA VOICE LOCATION - FLUSH MOUNTED
D118B	D108C	1	01-C-12	CLOCK LOCATION - SURFACE MOUNTED
D118C	D108C	2	01-C-13/14	DATA VOICE LOCATION - FLUSH MOUNTED
D118C	D108C	1	01-C-15	CLOCK LOCATION - SURFACE MOUNTED
D118H	D108C	1	01-C-16	CLOCK LOCATION - FLUSH MOUNTED
D118K	D108C	1	01-C-17	CLOCK LOCATION - SURFACE MOUNTED
D118K	D108C	1	01-C-18	CLOCK LOCATION - SURFACE MOUNTED
D118K	D108C	1	01-C-19	CLOCK LOCATION - SURFACE MOUNTED
D118K	D108C	1	01-C-20	CLOCK LOCATION - SURFACE MOUNTED
D118K	D108C	1	01-C-21	SECURITY CAMERA - NEW SINGLE SENSOR
D118K	D108C	1	01-C-22	SECURITY CAMERA - NEW DUAL SENSOR
D118K	D108C	1	01-C-23	SECURITY CAMERA - NEW SINGLE SENSOR
D120	D108C	1	01-C-24	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
D120	D108C	1	01-C-25	CLOCK LOCATION - SURFACE MOUNTED
D120	D108C	2	01-C-26/27	DATA VOICE LOCATION - FLUSH MOUNTED
D120	D108C	2	01-C-28/29	DATA VOICE LOCATION - SURFACE MOUNTED
D150	D108C	1	01-C-30	DUAL SIDED CLOCK LOCATION
D150	D108C	1	01-C-31	WALL PHONE LOCATION - FLUSH MOUNTED
EXT	D108C	1	01-C-32	SECURITY CAMERA - RECABLED EXISTING SINGLE SENSOR
EXT	D108C	1	01-C-33	SECURITY CAMERA - NEW MULTI-SENSOR AT 12' A.F.F.
H000	D108C	1	01-C-34	DUAL SIDED CLOCK LOCATION
H000	D108C	1	01-C-35	SECURITY CAMERA - REINSTALLED EXISTING MULTI-SENSOR
H000	D108C	1	01-C-36	DUAL SIDED CLOCK LOCATION
H000	D108C	1	01-C-37	SECURITY CAMERA - RECABLED EXISTING MULTI-SENSOR
H000	D108C	1	01-C-38	SECURITY CAMERA - RECABLED EXISTING SINGLE SENSOR
H001	D108C	1	01-C-39	SECURITY CAMERA - REINSTALLED EXISTING SINGLE SENSOR
H110	D108C	1	01-C-40	WIRELESS ACCESS POINT - CEILING MOUNTED
H110	D108C	1	01-C-41	WALL PHONE LOCATION - SURFACE MOUNTED
H110	D108C	1	01-C-42	DATA VOICE LOCATION - SURFACE MOUNTED
H110	D108C	1	01-C-43	CLOCK LOCATION - SURFACE MOUNTED
H111	D108C	1	01-C-44	DATA VOICE LOCATION - SURFACE MOUNTED
H111	D108C	2	01-C-45/46	DATA VOICE LOCATION - SURFACE MOUNTED
H111	D108C	2	01-C-47/48	DATA VOICE LOCATION - SURFACE MOUNTED
H111	D108C	2	01-D-01/02	DATA VOICE LOCATION - SURFACE MOUNTED
H111	D108C	2	01-D-03/04	DATA VOICE LOCATION - FLUSH MOUNTED
H111	D108C	2	01-D-05/06	DATA VOICE LOCATION - FLUSH MOUNTED
H111	D108C	2	01-D-07/08	DATA VOICE LOCATION - FLUSH MOUNTED
H111	D108C	2	01-D-09/10	DATA VOICE LOCATION - FLUSH MOUNTED
H111	D108C	1	01-D-11	WALL PHONE LOCATION - FLUSH MOUNTED
H111	D108C	1	01-D-12	WIRELESS ACCESS POINT - CEILING MOUNTED
H111	D108C	1	01-D-13	DATA VOICE LOCATION - FLUSH MOUNTED
H111	D108C	1	01-D-14	CLOCK LOCATION - FLUSH MOUNTED
H112	D108C	1	01-D-15	CLOCK LOCATION - SURFACE MOUNTED
H112	D108C	1	01-D-16	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
H112	D108C	1	01-D-17	WALL PHONE LOCATION - SURFACE MOUNTED
H112	D108C	1	01-D-18	DATA VOICE LOCATION - SURFACE MOUNTED
H113	D108C	2	01-D-19/20	DATA VOICE LOCATION - SURFACE MOUNTED
H115	D108C	1	01-D-21	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
H115	D108C	1	01-D-22	CLOCK LOCATION - SURFACE MOUNTED
H116	D108C	1	01-D-23	WIRELESS ACCESS POINT - CEILING MOUNTED
H116	D108C	1	01-D-24	WALL PHONE LOCATION - SURFACE MOUNTED
H116	D108C	1	01-D-25	DATA VOICE LOCATION - SURFACE MOUNTED
H116	D108C	1	01-D-26	CLOCK LOCATION - SURFACE MOUNTED
H120	D108C	1	01-D-27	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
H120	D108C	2	01-D-28/29	DATA VOICE LOCATION - SURFACE MOUNTED
H120	D108C	1	01-D-30	WALL PHONE LOCATION - SURFACE MOUNTED
H120	D108C	1	01-D-31	CLOCK LOCATION - SURFACE MOUNTED
B000.1	D108C	1	10-A-09	SECURITY CAMERA - CEILING MOUNTED - SINGLE SENSOR
Grand total		176		

IDF 2 (A115) TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	TOTAL DATA	LABEL	COMMENTS
A000	A115	1	02-A-01	DUAL SIDED CLOCK LOCATION
A000	A115	1	02-A-02	DUAL SIDED CLOCK LOCATION
A000	A115	1	02-A-03	SECURITY CAMERA - CEILING MOUNTED - DUAL SENSOR
A000	A115	1	02-A-04	SECURITY CAMERA - RECABLED EXISTING SINGLE SENSOR
A111	A115	1	02-A-05	DATA VOICE LOCATION - FLUSH MOUNTED
A104	A115	1	02-A-06	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
A104A	A115	1	02-A-07	MONITOR LOCATION - FLUSH MOUNTED
A104A	A115	2	02-A-08/09	DATA VOICE LOCATION - FLUSH MOUNTED
A104A	A115	1	02-A-10	CLOCK LOCATION - FLUSH MOUNTED
A104B	A115	1	02-A-11	CLOCK LOCATION - FLUSH MOUNTED
A104B	A115	2	02-A-12/13	DATA VOICE LOCATION - FLUSH MOUNTED
A104D	A115	2	02-A-14/15	DATA VOICE LOCATION - SURFACE MOUNTED
A104D	A115	1	02-A-16	CLOCK LOCATION - FLUSH MOUNTED
A104E	A115	2	02-A-17/18	DATA VOICE LOCATION - FLUSH MOUNTED
A104E	A115	1	02-A-19	CLOCK LOCATION - FLUSH MOUNTED
A104F	A115	1	02-A-20	CLOCK LOCATION - FLUSH MOUNTED
A104F	A115	2	02-A-21/22	DATA VOICE LOCATION - FLUSH MOUNTED
A105	A115	1	02-A-24	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
A105	A115	1	02-A-25	WALL PHONE LOCATION - SURFACE MOUNTED
A105	A115	2	02-A-26/27	DATA VOICE LOCATION - SURFACE MOUNTED
A105	A115	1	02-A-28	CLOCK LOCATION - SURFACE MOUNTED
A105A	A115	1	02-A-29	CLOCK LOCATION - FLUSH MOUNTED
A105A	A115	2	02-A-30/31	DATA VOICE LOCATION - FLUSH MOUNTED
A105B	A115	2	02-A-32/33	DATA VOICE LOCATION - FLUSH MOUNTED
A105B	A115	1	02-A-34	CLOCK LOCATION - FLUSH MOUNTED
A106	A115	1	02-A-35	WALL PHONE LOCATION - SURFACE MOUNTED
A106	A115	1	02-A-36	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
A106	A115	1	02-A-37	CLOCK LOCATION - SURFACE MOUNTED
A106	A115	2	02-A-38/39	DATA VOICE LOCATION - SURFACE MOUNTED
A107	A115	1	02-A-40	WIRELESS ACCESS POINT - CEILING MOUNTED
A107	A115	1	02-A-41	CLOCK LOCATION - SURFACE MOUNTED
A107	A115	1	02-A-42	WALL PHONE LOCATION - SURFACE MOUNTED
A107	A115	2	02-A-43/44	DATA VOICE LOCATION - SURFACE MOUNTED
A108	A115	1	02-A-45	WALL PHONE LOCATION - SURFACE MOUNTED
A108	A115	1	02-A-46	CLOCK LOCATION - SURFACE MOUNTED
A108	A115	1	02-A-47	WIRELESS ACCESS POINT - CEILING MOUNTED
A108A	A115	1	02-A-48	CLOCK LOCATION - SURFACE MOUNTED
A108	A115	2	02-B-01/02	DATA VOICE LOCATION - SURFACE MOUNTED
A108A	A115	2	02-B-03/04	DATA VOICE LOCATION - FLUSH MOUNTED
A109	A115	1	02-B-05	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
A109	A115	1	02-B-06	CLOCK LOCATION - SURFACE MOUNTED
A109	A115	1	02-B-07	DATA VOICE LOCATION - FLUSH MOUNTED
A109	A115	1	02-B-08	WALL PHONE LOCATION - FLUSH MOUNTED
A110	A115	1	02-B-09	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
A110	A115	1	02-B-10	CLOCK LOCATION - SURFACE MOUNTED
K000	A115	1	02-B-11	SECURITY CAMERA - NEW SINGLE SENSOR
A110	A115	1	02-B-12	DATA VOICE LOCATION - FLUSH MOUNTED
A111	A115	1	02-B-13	WIRELESS ACCESS POINT - CEILING MOUNTED
A111	A115	1	02-B-14	CLOCK LOCATION - FLUSH MOUNTED
A111	A115	1	02-B-15	WALL PHONE LOCATION - FLUSH MOUNTED
A112	A115	1	02-B-16	CLOCK LOCATION - SURFACE MOUNTED
B000	A115	1	02-B-17	DUAL SIDED CLOCK LOCATION
B000	A115	1	02-B-18	DUAL SIDED CLOCK LOCATION
B000	A115	1	02-B-19	SECURITY CAMERA - REINSTALLED EXISTING MULTI-SENSOR
B112	A115	2	02-B-20/21	DATA VOICE LOCATION - FLUSH MOUNTED
B112	A115	2	02-B-22/23	DATA VOICE LOCATION - FLUSH MOUNTED
B112	A115	2	02-B-24/25	DATA VOICE LOCATION - FLUSH MOUNTED
B112	A115	1	02-B-26	CLOCK LOCATION - SURFACE MOUNTED
B114	A115	1	02-B-27	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
B116	A115	1	02-B-28	WALL PHONE LOCATION - SURFACE MOUNTED
B116	A115	1	02-B-29	WIRELESS ACCESS POINT - CEILING MOUNTED
B116	A115	2	02-B-30/31	DATA VOICE LOCATION - SURFACE MOUNTED
EXT	A115	1	02-B-32	SECURITY CAMERA - RECABLED EXISTING MULTI-SENSOR
K000	A115	1	02-B-33	DUAL SIDED CLOCK LOCATION
B1C1	A115	2	02-B-34/35	DIGITAL SIGNAGE LOCATION - ABOVE CEILING
B1C1	A115	2	02-B-36/37	DIGITAL SIGNAGE LOCATION - ABOVE CEILING
B1C1	A115	2	02-B-38/39	DIGITAL SIGNAGE LOCATION - ABOVE CEILING
Grand total		86		

IDF 3 (A134) TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	TOTAL DATA	LABEL	COMMENTS
A000	A134	1	03-A-01	DUAL SIDED CLOCK LOCATION
A120	A134	1	03-A-02	WALL PHONE LOCATION - FLUSH MOUNTED
A120	A134	1	03-A-03	WIRELESS ACCESS POINT - CEILING MOUNTED
A120	A134	1	03-A-04	DATA VOICE LOCATION - FLUSH MOUNTED
A120	A134	1	03-A-05	CLOCK LOCATION - FLUSH MOUNTED
A119	A134	1	03-A-06	CLOCK LOCATION - FLUSH MOUNTED
A119	A134	1	03-A-07	WIRELESS ACCESS POINT - CEILING MOUNTED - RELOCATED EXISTING
A119	A134	1	03-A-08	WALL PHONE LOCATION - FLUSH MOUNTED
A119	A134	1	03-A-09	DATA VOICE LOCATION - FLUSH MOUNTED
A122	A134	1	03-A-10	DATA VOICE LOCATION - FLUSH MOUNTED
A122	A134	1	03-A-11	WALL PHONE LOCATION - FLUSH MOUNTED
A122	A134	1	03-A-12	CLOCK LOCATION - FLUSH MOUNTED
A122	A134	1	03-A-13	WIRELESS ACCESS POINT - CEILING MOUNTED
A121	A134	1	03-A-14	CLOCK LOCATION - FLUSH MOUNTED
A121	A134	1	03-A-15	WIRELESS ACCESS POINT - CEILING MOUNTED
A121	A134	1	03-A-16	WALL PHONE LOCATION - FLUSH MOUNTED
A121	A134	1	03-A-17	DATA VOICE LOCATION - FLUSH MOUNTED
A124	A134	1	03-A-18	WALL PHONE LOCATION - FLUSH MOUNTED
A124	A134	1	03-A-19	CLOCK LOCATION - FLUSH MOUNTED
A124	A134	1	03-A-20	WIRELESS ACCESS POINT - CEILING MOUNTED
A124	A134	1	03-A-21	DATA VOICE LOCATION - FLUSH MOUNTED
A126	A134	1	03-A-22	WALL PHONE LOCATION - FLUSH MOUNTED
A126	A134	1	03-A-23	WIRELESS ACCESS POINT - CEILING MOUNTED
A126	A134	1	03-A-24	DATA VOICE LOCATION - FLUSH MOUNTED
A126	A134	1	03-A-25	CLOCK LOCATION - FLUSH MOUNTED
A128	A134	1	03-A-26	WIRELESS ACCESS POINT - CEILING MOUNTED
A128	A134	1	03-A-27	WALL PHONE LOCATION - FLUSH MOUNTED
A128	A134	1	03-A-28	DATA VOICE LOCATION - FLUSH MOUNTED
A128	A134	1	03-A-29	CLOCK LOCATION - SURFACE MOUNTED
A127	A134	1	03-A-30	WALL PHONE LOCATION - FLUSH MOUNTED
A127	A134	1	03-A-31	CLOCK LOCATION - FLUSH MOUNTED
A127	A134	1	03-A-32	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
A127	A134	1	03-A-33	DATA VOICE LOCATION - FLUSH MOUNTED
A129	A134	1	03-A-34	CLOCK LOCATION - FLUSH MOUNTED
A129	A134	1	03-A-35	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
A129	A134	1	03-A-36	WALL PHONE LOCATION - FLUSH MOUNTED
A129	A134	1	03-A-37	DATA VOICE LOCATION - FLUSH MOUNTED
A131	A134	1	03-A-38	CLOCK LOCATION - SURFACE MOUNTED
A131	A134	1	03-A-39	WIRELESS ACCESS POINT - CEILING MOUNTED
A131	A134	1	03-A-40	WALL PHONE LOCATION - FLUSH MOUNTED
A131	A134	1	03-A-41	DATA VOICE LOCATION - FLUSH MOUNTED
A132	A134	2	03-A-42/43	DATA VOICE LOCATION - FLUSH MOUNTED
A132	A134	1	03-A-44	CLOCK LOCATION - FLUSH MOUNTED
A132	A134	1	03-A-45	WIRELESS ACCESS POINT - CEILING MOUNTED
A132A	A134	2	03-A-46/47	DATA VOICE LOCATION - FLUSH MOUNTED
A132A	A134	1	03-A-48	MONITOR LOCATION - FLUSH MOUNTED
A132A	A134	1	03-B-01	CLOCK LOCATION - FLUSH MOUNTED
A132B	A134	1	03-B-02	CLOCK LOCATION - FLUSH MOUNTED
A132B	A134	2	03-B-03/04	DATA VOICE LOCATION - FLUSH MOUNTED
A132C	A134	2	03-B-05/06	DATA VOICE LOCATION - FLUSH MOUNTED
A132C	A134	1	03-B-07	MONITOR LOCATION - FLUSH MOUNTED
A134	A134	1	03-B-08	CLOCK LOCATION - FLUSH MOUNTED
A000	A134	1	03-B-09	SECURITY CAMERA - NEW SINGLE SENSOR
B128	A134	2	03-B-10/C-14	DIGITAL SIGNAGE LOCATION - FLUSH MOUNTED
B128	A134	1	03-B-11	CLOCK LOCATION - FLUSH MOUNTED
B128	A134	2	03-B-12/13	DATA VOICE LOCATION - FLUSH MOUNTED
B130	A134	2	03-B-14/15	DATA VOICE LOCATION - FLUSH MOUNTED
B130	A134	2	03-B-16/17	DATA VOICE LOCATION - FLUSH MOUNTED
B132A	A134	2	03-B-18/19	DATA VOICE LOCATION - FLUSH MOUNTED
B132A	A134	1	03-B-20	CLOCK LOCATION - FLUSH MOUNTED
B132C	A134	2	03-B-21/22	DATA VOICE LOCATION - SURFACE MOUNTED
B132	A134	1	03-B-23	CLOCK LOCATION - FLUSH MOUNTED
B132	A134	2	03-B-24/25	DATA VOICE LOCATION - FLUSH MOUNTED
B132	A134	2	03-B-26/27	DATA VOICE LOCATION - FLUSH MOUNTED
B132	A134	2	03-B-28/29	DATA VOICE LOCATION - FLUSH MOUNTED
B132	A134	2	03-B-30/31	DATA VOICE LOCATION - FLUSH MOUNTED
B132	A134	1	03-B-32	WIRELESS ACCESS POINT - CEILING MOUNTED
L100	A134	2	03-B-33/34	DATA VOICE LOCATION - FLUSH MOUNTED
L100	A134	2	03-B-35/36	DATA VOICE LOCATION - FLUSH MOUNTED
L100	A134	2	03-B-37/38	DATA VOICE LOCATION - FLUSH MOUNTED
L100	A134	2	03-B-39/40	DATA VOICE LOCATION - FLUSH MOUNTED
L100	A134	1	03-B-41	WIRELESS ACCESS POINT - CEILING MOUNTED
L100	A134	2	03-B-42/43	DATA VOICE LOCATION - FLUSH MOUNTED
L100	A134	2	03-B-44/45	DATA VOICE LOCATION - FLUSH MOUNTED
L100	A134	2	03-B-46/47	DATA VOICE LOCATION - SURFACE MOUNTED
L100	A134	1	03-B-48	CLOCK LOCATION - SURFACE MOUNTED
L100	A134	2	03-C-01/02	DATA VOICE LOCATION - SURFACE MOUNTED
L100	A134	2	03-C-03/04	DATA VOICE LOCATION - SURFACE MOUNTED
L100	A134	2	03-C-05/06	DATA VOICE LOCATION - SURFACE MOUNTED
L100A	A134	2	03-C-07/08	DATA VOICE LOCATION - FLUSH MOUNTED
L100A	A134	1	03-C-09	CLOCK LOCATION - FLUSH MOUNTED
L100B	A134	2	03-C-10/11	DATA VOICE LOCATION - FLUSH MOUNTED
L100B	A134	1	03-C-12	MONITOR LOCATION - FLUSH MOUNTED
L100B	A134	1	03-C-13	CLOCK LOCATION - FLUSH MOUNTED
L000	A134	1	03-C-14	SECURITY CAMERA - REINSTALLED EXISTING SINGLE SENSOR
B132C	A134	1	03-C-15	CLOCK LOCATION - FLUSH MOUNTED
B128	A134	2	03-C-15/16	DIGITAL SIGNAGE LOCATION - ABOVE CEILING
Grand total		114		

IDF 4 (A153) TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	TOTAL DATA	LABEL	COMMENTS
A000	A153	1	04-A-01	SECURITY CAMERA - REINSTALLED EXISTING MULTI-SENSOR
A000	A153	1	04-A-03	DUAL SIDED CLOCK LOCATION
A136	A153	1	04-A-04	DATA VOICE LOCATION - FLUSH MOUNTED
A136	A153	1	04-A-05	WALL PHONE LOCATION - FLUSH MOUNTED
A136	A153	1	04-A-06	WIRELESS ACCESS POINT - CEILING MOUNTED
A136	A153	1	04-A-07	CLOCK LOCATION - FLUSH MOUNTED
A142	A153	1	04-A-08	CLOCK LOCATION - FLUSH MOUNTED
A142	A153	1	04-A-09	DATA VOICE LOCATION - FLUSH MOUNTED
A142	A153	1	04-A-10	WALL PHONE LOCATION - FLUSH MOUNTED
A142	A153	1	04-A-11	WIRELESS ACCESS POINT - CEILING MOUNTED - RELOCATED EXISTING
A146	A153	1	04-A-12	CLOCK LOCATION - SURFACE MOUNTED
A149	A153	1	04-A-13	CLOCK LOCATION - FLUSH MOUNTED
A149	A153	1	04-A-14	WALL PHONE LOCATION - FLUSH MOUNTED
A149	A153	1	04-A-15	DATA VOICE LOCATION - FLUSH MOUNTED
A149	A153	1	04-A-16	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
A156	A153	1	04-A-17	CLOCK LOCATION - SURFACE MOUNTED
A156	A153	1	04-A-18	DATA VOICE LOCATION - SURFACE MOUNTED
A156	A153	1	04-A-19	WALL PHONE LOCATION - SURFACE MOUNTED
A156	A153	1	04-A-20	WIRELESS ACCESS POINT - CEILING MOUNTED - RELOCATED EXISTING
A159	A153	2	04-A-21/22	DATA VOICE LOCATION - FLUSH MOUNTED
A159	A153	2	04-A-23/24	DATA VOICE LOCATION - FLUSH MOUNTED
B134	A153	1	04-A-25	CLOCK LOCATION - SURFACE MOUNTED
B134	A153	1	04-A-26	WALL PHONE LOCATION - FLUSH MOUNTED
B134	A153	1	04-A-27	DATA VOICE LOCATION - FLUSH MOUNTED
B134	A153	1	04-A-28	WIRELESS ACCESS POINT - CEILING MOUNTED
B138	A153	1	04-A-29	CLOCK LOCATION - SURFACE MOUNTED
B140	A153	1	04-A-30	WIRELESS ACCESS POINT - CEILING MOUNTED
B140	A153	2	04-A-31/32	DATA VOICE LOCATION - FLUSH MOUNTED
B140	A153	1	04-A-33	CLOCK LOCATION - SURFACE MOUNTED
B140	A153	1	04-A-34	WALL PHONE LOCATION - SURFACE MOUNTED
B140	A153	2	04-A-35/36	DATA VOICE LOCATION - FLUSH MOUNTED
A159	A153	2	04-A-37/38	DATA VOICE LOCATION - SURFACE MOUNTED
B140	A153	2	04-A-39/40	DATA VOICE LOCATION - FLUSH MOUNTED
B140	A153	1	04-A-41	CEILING PROJECTOR LOCATION
B140A	A153	2	04-A-42/43	DATA VOICE LOCATION - SURFACE MOUNTED
A000	A153	1	04-A-44	SECURITY CAMERA - NEW SINGLE SENSOR
EXT	A153	1	04-A-45	SECURITY CAMERA - RECABLED EXISTING MULTI-SENSOR
B138	A153	2	04-A-46/47	CLOCK LOCATION - FLUSH MOUNTED
B140B	A153	2	04-A-48; 04-B-01	DATA VOICE LOCATION - FLUSH MOUNTED
B140B	A153	1	04-B-02	CLOCK LOCATION - SURFACE MOUNTED
Grand total		49		

SCHMIDT
ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
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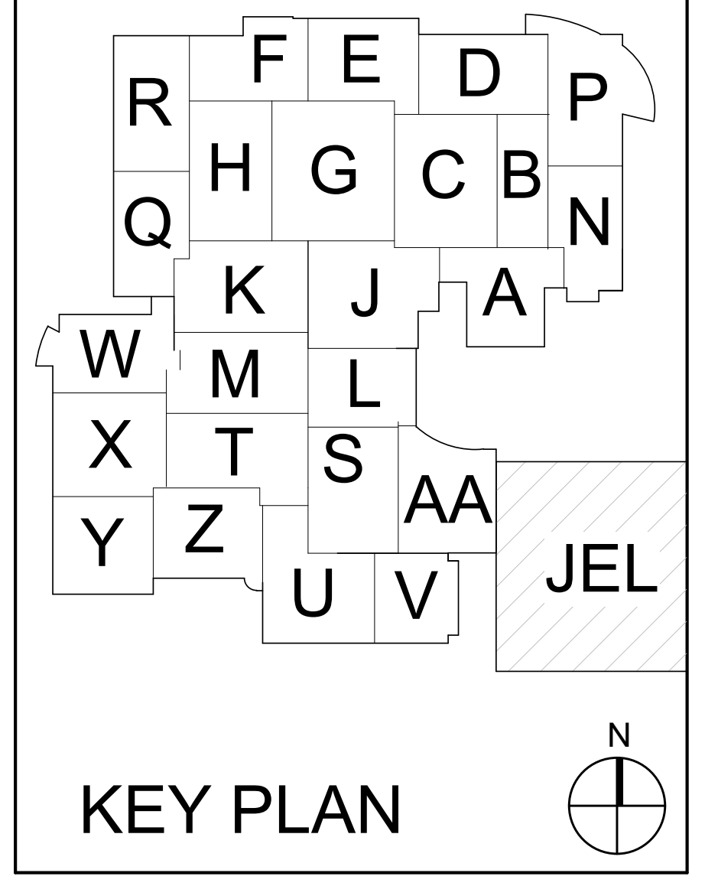
Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced D27 MJC

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER ••• RCDD •••
BICSI
Matthew Connolly
BICSI ID # 212593
EXPIRES 12-31-24

#	Revision	Date
A2.3	Addendum 2.3	03/22/2023

1801 East 86th Street
Indianapolis, IN 46240



KEY PLAN

M.S.D. of Washington Township

North Central High School Renovation - Additions Phase 3

1

TELECOM SCHEDULES

T500.3

T500.3_ TELECOM SCHEDULES
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
Autodesk Docs://2020-26 Schmidt - MSDWT North Central Reno/2019-067.NCH_Sector1_T_2022_Central.rvt
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IDF 5 (L106C) TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	TOTAL DATA	LABEL	COMMENTS
B000.2	L106C	1	05-A-01	DUAL SIDED CLOCK LOCATION
B000.2	L106C	1	05-A-02	DUAL SIDED CLOCK LOCATION
B000.5	L106C	1	05-A-03	DUAL SIDED CLOCK LOCATION
B000.2	L106C	2	05-A-04/05	DIGITAL SIGNAGE LOCATION -SURFACE MOUNTED
B000.5	L106C	1	05-A-06	SECURITY CAMERA - NEW SINGLE SENSOR
B000.2	L106C	1	05-A-07	SECURITY CAMERA - RECABLED EXISTING DUAL SENSOR
B000.5	L106C	1	05-A-08	SECURITY CAMERA - CEILING MOUNTED - RELOCATED EXISTING MULTI-SENSOR
B000.2	L106C	1	05-A-09	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
B000.2	L106C	1	05-A-10	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
K000	L106C	1	05-A-11	SECURITY CAMERA - NEW SINGLE SENSOR
B135	L106C	1	05-A-12	CLOCK LOCATION - SURFACE MOUNTED
B135	L106C	2	05-A-13/14	DATA VOICE LOCATION - FLUSH MOUNTED
B135	L106C	2	05-A-15/16	DATA VOICE LOCATION - FLUSH MOUNTED
B135	L106C	1	05-A-17	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
B135B	L106C	2	05-A-18/19	DATA VOICE LOCATION - FLUSH MOUNTED
B135B	L106C	1	05-A-20	CLOCK LOCATION - FLUSH MOUNTED
B135C	L106C	2	05-A-21/22	DATA VOICE LOCATION - FLUSH MOUNTED
B135C	L106C	1	05-A-23	CLOCK LOCATION - FLUSH MOUNTED
B135D	L106C	2	05-A-24/25	DATA VOICE LOCATION - SURFACE MOUNTED
B135D	L106C	1	05-A-26	MONITOR LOCATION - SURFACE MOUNTED
B135D	L106C	1	05-A-27	CLOCK LOCATION - FLUSH MOUNTED
B135G	L106C	2	05-A-28/29	DATA VOICE LOCATION - FLUSH MOUNTED
B135G	L106C	1	05-A-30	CLOCK LOCATION - FLUSH MOUNTED
B135H	L106C	2	05-A-31/32	DATA VOICE LOCATION - FLUSH MOUNTED
B135H	L106C	1	05-A-33	CLOCK LOCATION - FLUSH MOUNTED
B135J	L106C	2	05-A-34/35	DATA VOICE LOCATION - FLUSH MOUNTED
B135J	L106C	1	05-A-36	CLOCK LOCATION - FLUSH MOUNTED
B135K	L106C	2	05-A-37/38	DATA VOICE LOCATION - FLUSH MOUNTED
B135K	L106C	1	05-A-39	CLOCK LOCATION - SURFACE MOUNTED
D120A	L106C	1	05-A-40	CLOCK LOCATION - SURFACE MOUNTED
D120A	L106C	2	05-A-41/42	DATA VOICE LOCATION - SURFACE MOUNTED
D126	L106C	2	05-A-43/44	DATA VOICE LOCATION - FLUSH MOUNTED
D126	L106C	1	05-A-45	WIRELESS ACCESS POINT - CEILING MOUNTED
K000	L106C	1	05-A-46	DUAL SIDED CLOCK LOCATION
L000	L106C	1	05-A-47	DUAL SIDED CLOCK LOCATION
L000	L106C	1	05-A-48	DUAL SIDED CLOCK LOCATION
L103	L106C	2	05-B-01/02	DATA VOICE LOCATION - FLUSH MOUNTED
L103	L106C	2	05-B-03/04	DATA VOICE LOCATION - SURFACE MOUNTED
L103	L106C	2	05-B-05/06	DATA VOICE LOCATION - FLUSH MOUNTED
L103	L106C	2	05-B-07/08	DATA VOICE LOCATION - SURFACE MOUNTED
L103	L106C	1	05-B-09	WALL PHONE LOCATION - FLUSH MOUNTED
L103	L106C	1	05-B-10	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
L103	L106C	1	05-B-11	CLOCK LOCATION - SURFACE MOUNTED
L103A	L106C	2	05-B-12/13	DATA VOICE LOCATION - FLUSH MOUNTED
L103A	L106C	1	05-B-14	CLOCK LOCATION - FLUSH MOUNTED
L103C	L106C	1	05-B-15	CLOCK LOCATION - FLUSH MOUNTED
L105	L106C	1	05-B-16	WIRELESS ACCESS POINT - CEILING MOUNTED - RELOCATED EXISTING
L105	L106C	1	05-B-17	CLOCK LOCATION - SURFACE MOUNTED
L105	L106C	1	05-B-18	WALL PHONE LOCATION - SURFACE MOUNTED
L105	L106C	1	05-B-19	DATA VOICE LOCATION - SURFACE MOUNTED
L106	L106C	1	05-B-20	WALL PHONE LOCATION - SURFACE MOUNTED
L106	L106C	1	05-B-21	DATA VOICE LOCATION - SURFACE MOUNTED
L107	L106C	1	05-B-22	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
L107	L106C	1	05-B-23	CLOCK LOCATION - SURFACE MOUNTED
L107	L106C	1	05-B-24	WALL PHONE LOCATION - SURFACE MOUNTED
L107	L106C	1	05-B-25	DATA VOICE LOCATION - SURFACE MOUNTED
M000	L106C	1	05-B-26	DUAL SIDED CLOCK LOCATION
M000	L106C	1	05-B-27	DUAL SIDED CLOCK LOCATION
M000	L106C	1	05-B-28	SECURITY CAMERA - RECABLED EXISTING SINGLE SENSOR
L000	L106C	1	05-B-29	SECURITY CAMERA - RECABLED EXISTING SINGLE SENSOR
M000	L106C	1	05-B-30	SECURITY CAMERA - NEW SINGLE SENSOR
M000	L106C	1	05-B-31	SECURITY CAMERA - NEW SINGLE SENSOR
M000	L106C	1	05-B-32	SECURITY CAMERA - RECABLED EXISTING DUAL SENSOR
M101	L106C	1	05-B-34	WIRELESS ACCESS POINT - CEILING MOUNTED
M101	L106C	1	05-B-35	CLOCK LOCATION - SURFACE MOUNTED
M101	L106C	1	05-B-36	WALL PHONE LOCATION - SURFACE MOUNTED
M101	L106C	1	05-B-37	DATA VOICE LOCATION - SURFACE MOUNTED
M103	L106C	1	05-B-38	WALL PHONE LOCATION - FLUSH MOUNTED
M103	L106C	1	05-B-39	DATA VOICE LOCATION - FLUSH MOUNTED
M103	L106C	1	05-B-40	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
M103	L106C	1	05-B-41	CLOCK LOCATION - SURFACE MOUNTED
M105	L106C	1	05-B-42	WALL PHONE LOCATION - FLUSH MOUNTED
M105	L106C	1	05-B-43	DATA VOICE LOCATION - FLUSH MOUNTED
M105	L106C	1	05-B-44	WIRELESS ACCESS POINT - CEILING MOUNTED
M105	L106C	1	05-B-45	CLOCK LOCATION - SURFACE MOUNTED
M106	L106C	1	05-B-46	WIRELESS ACCESS POINT - CEILING MOUNTED
M106	L106C	1	05-B-47	DATA VOICE LOCATION - FLUSH MOUNTED
M106	L106C	1	05-B-48	WALL PHONE LOCATION - FLUSH MOUNTED
M106	L106C	1	05-C-01	CLOCK LOCATION - SURFACE MOUNTED
M107	L106C	1	05-C-02	WALL PHONE LOCATION - FLUSH MOUNTED
M107	L106C	1	05-C-03	DATA VOICE LOCATION - FLUSH MOUNTED
M107	L106C	1	05-C-04	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
M107	L106C	1	05-C-05	CLOCK LOCATION - SURFACE MOUNTED
M108	L106C	1	05-C-06	WIRELESS ACCESS POINT - CEILING MOUNTED
M108	L106C	1	05-C-07	CLOCK LOCATION - SURFACE MOUNTED
M108	L106C	1	05-C-08	WALL PHONE LOCATION - SURFACE MOUNTED
M108	L106C	1	05-C-09	DATA VOICE LOCATION - SURFACE MOUNTED
M111	L106C	1	05-C-10	WIRELESS ACCESS POINT - CEILING MOUNTED - RELOCATED EXISTING
M111	L106C	1	05-C-11	CLOCK LOCATION - SURFACE MOUNTED
M111	L106C	1	05-C-12	WALL PHONE LOCATION - SURFACE MOUNTED
M111	L106C	1	05-C-13	DATA VOICE LOCATION - SURFACE MOUNTED
K000	L106C	1	05-C-14	DUAL SIDED CLOCK LOCATION
M109	L106C	1	05-C-15	WIRELESS ACCESS POINT - CEILING MOUNTED - RELOCATED EXISTING
M109	L106C	1	05-C-16	DATA VOICE LOCATION - FLUSH MOUNTED
M109	L106C	1	05-C-17	WALL PHONE LOCATION - FLUSH MOUNTED
CORR	L106C	1	05-C-18	SECURITY CAMERA - RECABLED EXISTING DUAL SENSOR
M109	L106C	1	05-C-21	CLOCK LOCATION - SURFACE MOUNTED
Grand total		114		

IDF 6 (K112) TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	TOTAL DATA	LABEL	COMMENTS
D000	K112	1	06-A-01	DUAL SIDED CLOCK LOCATION
D000	K112	1	06-A-02	DUAL SIDED CLOCK LOCATION
D000	K112	1	06-A-03	SECURITY CAMERA - RECABLED EXISTING MULTI-SENSOR
D000	K112	1	06-A-04	SECURITY CAMERA - RECABLED EXISTING DUAL SENSOR
D000	K112	1	06-A-05	SECURITY CAMERA - REINSTALLED EXISTING SINGLE SENSOR
D000	K112	1	06-A-06	SECURITY CAMERA - REINSTALLED EXISTING SINGLE SENSOR
D000	K112	1	06-A-07	DUAL SIDED CLOCK LOCATION
D107	K112	1	06-A-08	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
D107	K112	1	06-A-09	CLOCK LOCATION - SURFACE MOUNTED
D107	K112	1	06-A-10	CLOCK LOCATION - SURFACE MOUNTED
D107C	K112	1	06-A-11	CLOCK LOCATION - SURFACE MOUNTED
D107F	K112	1	06-A-12	CLOCK LOCATION - SURFACE MOUNTED
D107F	K112	2	06-A-13/14	DATA VOICE LOCATION - SURFACE MOUNTED
D107H	K112	1	06-A-15	CLOCK LOCATION - SURFACE MOUNTED
D107H	K112	2	06-A-16/17	DATA VOICE LOCATION - SURFACE MOUNTED
D107H	K112	1	06-A-18	AV RACK LOCATION
D107J	K112	1	06-A-19	CLOCK LOCATION - SURFACE MOUNTED
D121	K112	1	06-A-20	WALL PHONE LOCATION - FLUSH MOUNTED
D121B	K112	2	06-A-21/22	DATA VOICE LOCATION - FLUSH MOUNTED
D121B	K112	1	06-A-23	CLOCK LOCATION - SURFACE MOUNTED
D121B	K112	2	06-A-24/25	DATA VOICE LOCATION - SURFACE MOUNTED
D121C	K112	2	06-A-26/27	DATA VOICE LOCATION - SURFACE MOUNTED
D121C	K112	2	06-A-28/29	DATA VOICE LOCATION - SURFACE MOUNTED
D121C	K112	1	06-A-30	CLOCK LOCATION - SURFACE MOUNTED
D121C	K112	2	06-A-31/32	DATA VOICE LOCATION - SURFACE MOUNTED
D121D	K112	2	06-A-33/34	DATA VOICE LOCATION - SURFACE MOUNTED
D121D	K112	2	06-A-35/36	DATA VOICE LOCATION - SURFACE MOUNTED
D121D	K112	1	06-A-37	CLOCK LOCATION - SURFACE MOUNTED
D125	K112	1	06-A-38	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
D125	K112	1	06-A-39	CLOCK LOCATION - SURFACE MOUNTED
L114	K112	1	06-A-41	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
L114	K112	2	06-A-42/43	SHORT THROW PROJECTOR - SURFACE MOUNTED
L114	K112	1	06-A-44	WALL PHONE LOCATION - SURFACE MOUNTED
L114	K112	1	06-A-45	CLOCK LOCATION - SURFACE MOUNTED
L114	K112	1	06-A-46	DATA VOICE LOCATION - SURFACE MOUNTED
L116	K112	1	06-A-47	WALL PHONE LOCATION - SURFACE MOUNTED
L116	K112	1	06-A-48	CLOCK LOCATION - SURFACE MOUNTED
L116	K112	1	06-B-01	WIRELESS ACCESS POINT - CEILING MOUNTED - RELOCATED EXISTING
L116	K112	2	06-B-02/03	DATA VOICE LOCATION - SURFACE MOUNTED
L118	K112	1	06-B-04	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
L118	K112	1	06-B-05	WALL PHONE LOCATION - SURFACE MOUNTED
L118	K112	1	06-B-06	CEILING PROJECTOR LOCATION
L118	K112	1	06-B-07	CLOCK LOCATION - SURFACE MOUNTED
L118	K112	1	06-B-08	DATA VOICE LOCATION - SURFACE MOUNTED
M000	K112	1	06-B-09	DUAL SIDED CLOCK LOCATION
Grand total		56		

IDF 10 (B108L) TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	TOTAL DATA	LABEL	COMMENTS
B002	B108L	1	02-B-12	SECURITY CAMERA - NEW MULTI-SENSOR
A002	B108L	1	10-A-01	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
A002	B108L	1	10-A-02	DUAL SIDED CLOCK LOCATION
A002	B108L	1	10-A-03	DUAL SIDED CLOCK LOCATION
A002	B108L	1	10-A-04	DUAL SIDED CLOCK LOCATION
EXT	B108L	1	10-A-05	SECURITY CAMERA - RECABLED EXISTING SINGLE SENSOR
A004	B108L	1	10-A-06	SECURITY CAMERA - REINSTALLED EXISTING SINGLE SENSOR
B000	B108L	1	10-A-07	DUAL SIDED CLOCK LOCATION
B000	B108L	1	10-A-08	DUAL SIDED CLOCK LOCATION
B002	B108L	1	10-A-10	SECURITY CAMERA - NEW SINGLE SENSOR
B100	B108L	1	10-A-11	DIGITAL SIGNAGE LOCATION - FLUSH MOUNTED
B100B	B108L	1	10-A-12	MONITOR LOCATION - FLUSH MOUNTED
B100B	B108L	2	10-A-13/14	AV FLOORBOX LOCATION
B100B	B108L	1	10-A-15	CLOCK LOCATION - FLUSH MOUNTED
B100C	B108L	1	10-A-16	CLOCK LOCATION - FLUSH MOUNTED
B100C	B108L	2	10-A-17/18	DATA VOICE LOCATION - FLUSH MOUNTED
B100D	B108L	2	10-A-19/20	AV FLOORBOX LOCATION
B100D	B108L	1	10-A-21	CLOCK LOCATION - FLUSH MOUNTED
B100D	B108L	1	10-A-22	MONITOR LOCATION - FLUSH MOUNTED
B100D	B108L	2	10-A-23/24	DATA VOICE LOCATION - FLUSH MOUNTED
B104	B108L	1	10-A-25	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
B104A	B108L	2	10-A-26/27	DATA VOICE LOCATION - FLUSH MOUNTED
B104A	B108L	1	10-A-28	CLOCK LOCATION - FLUSH MOUNTED
B104B	B108L	2	10-A-29/30	DATA VOICE LOCATION - FLUSH MOUNTED
B104B	B108L	1	10-A-31	CLOCK LOCATION - FLUSH MOUNTED
B104D	B108L	1	10-A-32	CLOCK LOCATION - FLUSH MOUNTED
B104D	B108L	2	10-A-33/34	DATA VOICE LOCATION - FLUSH MOUNTED
B104E	B108L	2	10-A-35/36	DATA VOICE LOCATION - FLUSH MOUNTED
B104E	B108L	1	10-A-37	CLOCK LOCATION - FLUSH MOUNTED
B106B	B108L	1	10-A-38	CLOCK LOCATION - FLUSH MOUNTED
B106B	B108L	2	10-A-39/40	DATA VOICE LOCATION - FLUSH MOUNTED
B106C	B108L	1	10-A-41	CLOCK LOCATION - FLUSH MOUNTED
B106C	B108L	2	10-A-42/43	DATA VOICE LOCATION - FLUSH MOUNTED
B106E	B108L	1	10-A-44	CLOCK LOCATION - FLUSH MOUNTED
B106E	B108L	2	10-A-45/46	DATA VOICE LOCATION - FLUSH MOUNTED
B106F	B108L	2	10-A-47/48	DATA VOICE LOCATION - FLUSH MOUNTED
B106F	B108L	1	10-B-01	CLOCK LOCATION - FLUSH MOUNTED
B106G	B108L	1	10-B-02	CLOCK LOCATION - FLUSH MOUNTED
B106G	B108L	2	10-B-03/04	DATA VOICE LOCATION - FLUSH MOUNTED
B106H	B108L	2	10-B-05/06	DATA VOICE LOCATION - FLUSH MOUNTED
B106H	B108L	2	10-B-07/08	DATA VOICE LOCATION - FLUSH MOUNTED
B106H	B108L	1	10-B-09	CLOCK LOCATION - FLUSH MOUNTED
B108A	B108L	2	10-B-10/11	DATA VOICE LOCATION - FLUSH MOUNTED
B108A	B108L	1	10-B-12/13	CLOCK LOCATION - FLUSH MOUNTED
B108B	B108L	1	10-B-14	MONITOR LOCATION - FLUSH MOUNTED
B108B	B108L	2	10-B-15/16	DATA VOICE LOCATION - FLUSH MOUNTED
B108B	B108L	1	10-B-17	CLOCK LOCATION - FLUSH MOUNTED
B108C	B108L	1	10-B-18	CLOCK LOCATION - FLUSH MOUNTED
B108D	B108L	1	10-B-19	CLOCK LOCATION - FLUSH MOUNTED
B108RTG	B108L	1	10-B-19	CLOCK LOCATION - FLUSH MOUNTED
B108D	B108L	2	10-B-20/21	DATA VOICE LOCATION - FLUSH MOUNTED
B108E	B108L	2	10-B-22/23	DATA VOICE LOCATION - FLUSH MOUNTED
B108E	B108L	2	10-B-24/25	DATA VOICE LOCATION - FLUSH MOUNTED
B108E	B108L	2	10-B-25/26	DATA VOICE LOCATION - FLUSH MOUNTED
B108E	B108L	2	10-B-27/28	DATA VOICE LOCATION - FLUSH MOUNTED
B108E	B108L	2	10-B-30/31	DATA VOICE LOCATION - FLUSH MOUNTED
B108F	B108L	1	10-B-32	CLOCK LOCATION - FLUSH MOUNTED
B108F	B108L	2	10-B-33/34	DATA VOICE LOCATION - FLUSH MOUNTED
B108G	B108L	1	10-B-35	CLOCK LOCATION - FLUSH MOUNTED
B108G	B108L	2	10-B-36/37	DATA VOICE LOCATION - FLUSH MOUNTED
B108H	B108L	1	10-B-38	CLOCK LOCATION - FLUSH MOUNTED
B108H	B108L	2	10-B-39/40	DATA VOICE LOCATION - FLUSH MOUNTED
B108J	B108L	2	10-B-41/42	DATA VOICE LOCATION - FLUSH MOUNTED
B108J	B108L	1	10-B-43	CLOCK LOCATION - FLUSH MOUNTED
B108K	B108L	2	10-B-44/45	DATA VOICE LOCATION - FLUSH MOUNTED
B108K	B108L	1	10-B-46	CLOCK LOCATION - FLUSH MOUNTED
B108M	B108L	2	10-B-47/48	DATA VOICE LOCATION - FLUSH MOUNTED
B108M	B108L	1	10-C-01	CLOCK LOCATION - FLUSH MOUNTED
B108M	B108L	1	10-C-02	MONITOR LOCATION - FLUSH MOUNTED
B108N	B108L	1	10-C-03	CLOCK LOCATION - FLUSH MOUNTED
B108N	B108L	2	10-C-04/05	DATA VOICE LOCATION - FLUSH MOUNTED
B108P	B108L	2	10-C-06/07	DATA VOICE LOCATION - FLUSH MOUNTED
B108P	B108L	1	10-C-08	CLOCK LOCATION - FLUSH MOUNTED
B108Q	B108L	2	10-C-09/10	DATA VOICE LOCATION - FLUSH MOUNTED
B108Q	B108L	1	10-C-11	CLOCK LOCATION - FLUSH MOUNTED
B108R	B108L	2	10-C-12/13	DATA VOICE LOCATION - FLUSH MOUNTED
B108S	B108L	1	10-C-14	CLOCK LOCATION - FLUSH MOUNTED
B108S	B108L	2	10-C-15/16	DATA VOICE LOCATION - FLUSH MOUNTED
B108T	B108L	1	10-C-17	CLOCK LOCATION - FLUSH MOUNTED
B110	B108L	1	10-C-18	SECURITY CAMERA - CEILING MOUNTED - RELOCATED EXISTING SINGLE SENSOR
B110	B108L	1	10-C-19	DUAL SIDED CLOCK LOCATION
B110A	B108L	2	10-C-20/21	DATA VOICE LOCATION - FLUSH MOUNTED
B110A	B108L	1	10-C-22	CLOCK LOCATION - FLUSH MOUNTED
B110B	B108L	2	10-C-23/24	DATA VOICE LOCATION - FLUSH MOUNTED
B110B	B108L	1	10-C-25	CLOCK LOCATION - FLUSH MOUNTED
B110C	B108L	2	10-C-26/27	DATA VOICE LOCATION - FLUSH MOUNTED
B110C	B108L	1	10-C-28	CLOCK LOCATION - FLUSH MOUNTED
B110E	B108L	2	10-C-29/30	DATA VOICE LOCATION - FLUSH MOUNTED
B110E	B108L	1	10-C-31	CLOCK LOCATION - FLUSH MOUNTED
B110F	B108L	1	10-C-32	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
B110F	B108L	2	10-C-33/34	DATA VOICE LOCATION - FLUSH MOUNTED
B110F	B108L	1	10-C-35	CLOCK LOCATION - SURFACE MOUNTED
B110F	B108L	1	10-C-36	MONITOR LOCATION - FLUSH MOUNTED
B110J	B108L	2	10-C-37/38	DATA VOICE LOCATION - SURFACE MOUNTED
B110J	B108L	1	10-C-39	CLOCK LOCATION - FLUSH MOUNTED
B136A	B108L	2	10-C-40/41	DATA VOICE LOCATION - FLUSH MOUNTED
B136A	B108L	1	10-C-42	CLOCK LOCATION - FLUSH MOUNTED
B136A	B108L	1	10-C-43	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
B136A	B108L	2	10-C-44/45	DATA VOICE LOCATION - FLUSH MOUNTED
B137A	B108L	2	10-C-46/47	DATA VOICE LOCATION - FLUSH MOUNTED
B137A	B108L	1	10-C-48	CLOCK LOCATION - FLUSH MOUNTED
B137A	B108L	2	10-D-01/02	DATA VOICE LOCATION - FLUSH MOUNTED
B139A	B108L	1	10-D-03	CLOCK LOCATION - SURFACE MOUNTED
B139A	B108L	2	10-D-04/05	DATA VOICE LOCATION - FLUSH MOUNTED
B139A	B108L	2	10-D-06/07	DATA VOICE LOCATION - FLUSH MOUNTED
EXT	B108L	1	10-D-09	SECURITY CAMERA - NEW MULTI-SENSOR AT 12' A.F.F.
H000	B108L	1	10-D-10	SECURITY CAMERA - NEW HEMISPHERIC LENS SINGLE SENSOR
H000	B108L	1	10-D-11	SECURITY CAMERA - NEW DUAL SENSOR
H000	B108L	1	10-D-12	SECURITY CAMERA - NEW SINGLE SENSOR
H000	B108L	1	10-D-13	SECURITY CAMERA - NEW SINGLE SENSOR
H000	B108L	1	10-D-14	DUAL SIDED CLOCK LOCATION
H101	B108L	2	10-D-15/16	DATA VOICE LOCATION - FLUSH MOUNTED
H101	B108L	1	10-D-17	CLOCK LOCATION - SURFACE MOUNTED
H102	B108L	2	10-D-18/19	DATA VOICE LOCATION - FLUSH MOUNTED
H102	B108L	1	10-D-20	CLOCK LOCATION - FLUSH MOUNTED
H103	B108L	2	10-D-21/22	DATA VOICE LOCATION - FLUSH MOUNTED
H103	B108L	1	10-D-23	CLOCK LOCATION - SURFACE MOUNTED
H104	B108L	1	10-D-24	WIRELESS ACCESS POINT - CEILING MOUNTED
H104	B108L	1	10-D-25	WALL PHONE LOCATION - SURFACE MOUNTED
H104	B108L	1	10-D-26	DATA VOICE LOCATION - SURFACE MOUNTED
H104	B108L	1	10-D-27	CLOCK LOCATION - SURFACE MOUNTED
H105	B108L	1	10-D-28	CLOCK LOCATION - SURFACE MOUNTED
H105	B108L	1	10-D-29	WALL PHONE LOCATION - SURFACE MOUNTED
H105	B108L	1	10-D-30	DATA VOICE LOCATION - SURFACE MOUNTED
H105	B108L	1	10-D-31	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
H106	B108L	1	10-D-32	CLOCK LOCATION - SURFACE MOUNTED
H106	B108L	1	10-D-33	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
H106	B108L	1	10-D-34	WALL PHONE LOCATION - SURFACE MOUNTED
H106	B108L	1	10-D-35	DATA VOICE LOCATION - SURFACE MOUNTED
B1C0	B108L	2	10-D-37/38	DIGITAL SIGNAGE LOCATION - ABOVE CEILING
B1C0	B108L	2	10-D-39/40	DIGITAL SIGNAGE LOCATION - ABOVE CEILING
B1C0	B108L	2	10-D-41/42	DIGITAL SIGNAGE - ABOVE CEILING
B1C0	B108L	2	10-D-43/44	DIGITAL SIGNAGE LOCATION - ABOVE CEILING
Grand total		186		

IDF 11 (N123) TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	TOTAL DATA	LABEL	COMMENTS
D000	N123	1	11-A-01	SECURITY CAMERA - RECABLED EXISTING SINGLE SENSOR
N000	N123	1	11-A-02	DUAL SIDED CLOCK LOCATION
N129	N123	1	11-A-03	DATA VOICE LOCATION - FLUSH MOUNTED
N000	N123	1	11-A-04	DUAL SIDED CLOCK LOCATION
N000	N123	1	11-A-05	DUAL SIDED CLOCK LOCATION
N000	N123	1	11-A-06	SECURITY CAMERA - CEILING MOUNTED - SINGLE SENSOR
N000	N123	1	11-A-07	SECURITY CAMERA - RECABLED EXISTING SINGLE SENSOR
N115	N123	1	11-A-08	CLOCK LOCATION - SURFACE MOUNTED
N115	N123	1	11-A-09	WIRELESS ACCESS POINT - CEILING MOUNTED
N115	N123	1	11-A-10	WALL PHONE LOCATION - FLUSH MOUNTED
N115	N123	1	11-A-11	DATA VOICE LOCATION - FLUSH MOUNTED
N116	N123	1	11-A-12	WALL PHONE LOCATION - FLUSH MOUNTED
N116	N123	1	11-A-13	WIRELESS ACCESS POINT - CEILING MOUNTED
N116	N123	1	11-A-14	CLOCK LOCATION - SURFACE MOUNTED
N116	N123	1	11-A-15	DATA VOICE LOCATION - FLUSH MOUNTED
N119	N123	1	11-A-16	CLOCK LOCATION - SURFACE MOUNTED
N119	N123	1	11-A-17	WIRELESS ACCESS POINT - CEILING MOUNTED
N119	N123	1	11-A-18	WALL PHONE LOCATION - FLUSH MOUNTED
N119	N123	1	11-A-19	DATA VOICE LOCATION - FLUSH MOUNTED
N120	N123	1	11-A-20	DATA VOICE LOCATION - FLUSH MOUNTED
N120	N123	1	11-A-21	WALL PHONE LOCATION - FLUSH MOUNTED
N120	N123	1	11-A-22	WIRELESS ACCESS POINT - CEILING MOUNTED
N122	N123	1	11-A-23	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
N122	N123	1	11-A-24	CLOCK LOCATION - SURFACE MOUNTED
N123	N123	1	11-A-25	WALL PHONE LOCATION - FLUSH MOUNTED
N123	N123	1	11-A-26	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
N123	N123	1	11-A-27	CLOCK LOCATION - SURFACE MOUNTED
N123	N123	1	11-A-28	DATA VOICE LOCATION - FLUSH MOUNTED
N126	N123	1	11-A-29	WIRELESS ACCESS POINT - CEILING MOUNTED
N126	N123	1	11-A-30	CLOCK LOCATION - SURFACE MOUNTED
N126	N123	1	11-A-31	WALL PHONE LOCATION - FLUSH MOUNTED
N126	N123	1	11-A-32	DATA VOICE LOCATION - FLUSH MOUNTED
N125	N123	1	11-A-33	WIRELESS ACCESS POINT - CEILING MOUNTED
N127	N123	1	11-A-34	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
N127	N123	1	11-A-35	CLOCK LOCATION - FLUSH MOUNTED
N127	N123	1	11-A-36	WALL PHONE LOCATION - FLUSH MOUNTED
N127	N123	1	11-A-37	DATA VOICE LOCATION - FLUSH MOUNTED
N129	N123	1	11-A-38	WIRELESS ACCESS POINT - CEILING MOUNTED
N129	N123	1	11-A-39	CLOCK LOCATION - FLUSH MOUNTED
N129	N123	1	11-A-40	WALL PHONE LOCATION - FLUSH MOUNTED
Grand total		40		

IDF 12 (N110) TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	TOTAL DATA	LABEL	COMMENTS
N111	N110	1	12-A-01	WALL PHONE LOCATION - FLUSH MOUNTED
N106	N110	1	12-A-02	CLOCK LOCATION - SURFACE MOUNTED
N106	N110	1	12-A-03	WALL PHONE LOCATION - FLUSH MOUNTED
N108	N110	1	12-A-04	WIRELESS ACCESS POINT - CEILING MOUNTED
N106	N110	1	12-A-05	DATA VOICE LOCATION - FLUSH MOUNTED
B000	N110	1	12-A-06	SECURITY CAMERA - RECABLED EXISTING SINGLE SENSOR
B000	N110	1	12-A-07	DUAL SIDED CLOCK LOCATION
EXT	N110	1	12-A-08	SECURITY CAMERA - RECABLED EXISTING SINGLE SENSOR
EXT	N110	1	12-A-09	SECURITY CAMERA - NEW MULTI-SENSOR AT 9' A.F.F.
N000	N110	1	12-A-10	DUAL SIDED CLOCK LOCATION
N111	N110	1	12-A-11	DATA VOICE LOCATION - FLUSH MOUNTED
N000	N110	1	12-A-12	SECURITY CAMERA - REINSTALLED EXISTING DUAL SENSOR
N000	N110	1	12-A-13	SECURITY CAMERA - NEW SINGLE SENSOR
N101	N110	1	12-A-14	WALL PHONE LOCATION - FLUSH MOUNTED
N101	N110	1	12-A-15	WIRELESS ACCESS POINT - CEILING MOUNTED
N101	N110	1	12-A-16	DATA VOICE LOCATION - FLUSH MOUNTED
N114	N110	1	12-A-17	WALL PHONE LOCATION - FLUSH MOUNTED
N114	N110	1	12-A-18	DATA VOICE LOCATION - FLUSH MOUNTED
N103	N110	1	12-A-19	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
N103	N110	1	12-A-20	CLOCK LOCATION - SURFACE MOUNTED
N105	N110	1	12-A-21	WIRELESS ACCESS POINT - CEILING MOUNTED
N105	N110	1	12-A-22	WALL PHONE LOCATION - FLUSH MOUNTED
N105	N110	1	12-A-23	DATA VOICE LOCATION - FLUSH MOUNTED
N105	N110	1	12-A-24	CLOCK LOCATION - SURFACE MOUNTED
N108	N110	1	12-A-25	WALL PHONE LOCATION - FLUSH MOUNTED
N106	N110	1	12-A-26	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
N108	N110	1	12-A-27	CLOCK LOCATION - SURFACE MOUNTED
N108	N110	1	12-A-28	DATA VOICE LOCATION - FLUSH MOUNTED
N116	N110	1	12-A-29	CLOCK LOCATION - SURFACE MOUNTED
N113	N110	1	12-A-30	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
N116	N110	1	12-A-31	WIRELESS ACCESS POINT - CEILING MOUNTED
N111	N110	1	12-A-32	CLOCK LOCATION - SURFACE MOUNTED
N112	N110	1	12-A-33	WALL PHONE LOCATION - FLUSH MOUNTED
N112	N110	1	12-A-34	DATA VOICE LOCATION - FLUSH MOUNTED
N112	N110	1	12-A-35	WIRELESS ACCESS POINT - CEILING MOUNTED - RELOCATED EXISTING
N112	N110	1	12-A-36	CLOCK LOCATION - SURFACE MOUNTED
N111	N110	1	12-A-37	WIRELESS ACCESS POINT - CEILING MOUNTED
Grand total		37		

SCHMIDT
ASSOCIATES
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Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced D27 MJC

Matthew Connolly
BICSI ID # 212593
Expires 12-31-24
RCDD

#	Revision	Date
A2.3	Addendum 2.3	03/22/2023

1801 East 86th Street
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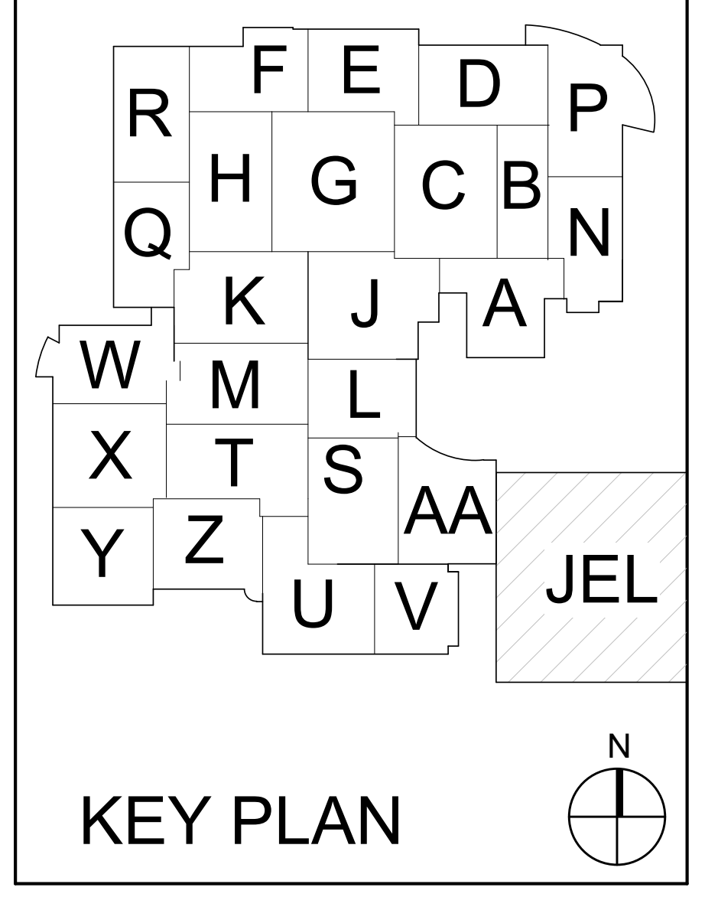

KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

TELECOM SCHEDULES

T501.3

IDF 12 (N110) TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	TOTAL DATA	LABEL	COMMENTS
N111	N110	1	12-A-01	WALL PHONE LOCATION - FLUSH MOUNTED
N106	N110	1	12-A-02	CLOCK LOCATION - SURFACE MOUNTED
N106	N110	1	12-A-03	WALL PHONE LOCATION - FLUSH MOUNTED
N108	N110	1	12-A-04	WIRELESS ACCESS POINT - CEILING MOUNTED
N106	N110	1	12-A-05	DATA VOICE LOCATION - FLUSH MOUNTED
B000	N110	1	12-A-06	SECURITY CAMERA - RECABLED EXISTING SINGLE SENSOR
B000	N110	1	12-A-07	DUAL SIDED CLOCK LOCATION
EXT	N110	1	12-A-08	SECURITY CAMERA - RECABLED EXISTING SINGLE SENSOR
EXT	N110	1	12-A-09	SECURITY CAMERA - NEW MULTI-SENSOR AT 9' A.F.F.
N000	N110	1	12-A-10	DUAL SIDED CLOCK LOCATION
N111	N110	1	12-A-11	DATA VOICE LOCATION - FLUSH MOUNTED
N000	N110	1	12-A-12	SECURITY CAMERA - REINSTALLED EXISTING DUAL SENSOR
N000	N110	1	12-A-13	SECURITY CAMERA - NEW SINGLE SENSOR
N101	N110	1	12-A-14	WALL PHONE LOCATION - FLUSH MOUNTED
N101	N110	1	12-A-15	WIRELESS ACCESS POINT - CEILING MOUNTED
N101	N110	1	12-A-16	DATA VOICE LOCATION - FLUSH MOUNTED
N114	N110	1	12-A-17	WALL PHONE LOCATION - FLUSH MOUNTED
N114	N110	1	12-A-18	DATA VOICE LOCATION - FLUSH MOUNTED
N103	N110	1	12-A-19	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
N103	N110	1	12-A-20	CLOCK LOCATION - SURFACE MOUNTED
N105	N110	1	12-A-21	WIRELESS ACCESS POINT - CEILING MOUNTED
N105	N110	1	12-A-22	WALL PHONE LOCATION - FLUSH MOUNTED
N105	N110	1	12-A-23	DATA VOICE LOCATION - FLUSH MOUNTED
N105	N110	1	12-A-24	CLOCK LOCATION - SURFACE MOUNTED
N108	N110	1	12-A-25	WALL PHONE LOCATION - FLUSH MOUNTED
N106	N110	1	12-A-26	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
N108	N110	1	12-A-27	CLOCK LOCATION - SURFACE MOUNTED
N108	N110	1	12-A-28	DATA VOICE LOCATION - FLUSH MOUNTED
N116	N110	1	12-A-29	CLOCK LOCATION - SURFACE MOUNTED
N113	N110	1	12-A-30	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
N116	N110	1	12-A-31	WIRELESS ACCESS POINT - CEILING MOUNTED
N111	N110	1	12-A-32	CLOCK LOCATION - SURFACE MOUNTED
N112	N110	1	12-A-33	WALL PHONE LOCATION - FLUSH MOUNTED
N112	N110	1	12-A-34	DATA VOICE LOCATION - FLUSH MOUNTED
N112	N110	1	12-A-35	WIRELESS ACCESS POINT - CEILING MOUNTED - RELOCATED EXISTING
N112	N110	1	12-A-36	CLOCK LOCATION - SURFACE MOUNTED
N111	N110	1	12-A-37	WIRELESS ACCESS POINT - CEILING MOUNTED
Grand total		37		

IDF 16 (A226K) TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	TOTAL DATA	LABEL	COMMENTS
A000	A226K	1	16-A-01	DUAL SIDED CLOCK LOCATION
A000	A226K	1	16-A-02	SECURITY CAMERA - REINSTALLED EXISTING DUAL SENSOR
B000.7	A226K	1	16-A-03	SECURITY CAMERA - REINSTALLED EXISTING MULTI-SENSOR
A224G	A226K	1	16-A-04	WIRELESS ACCESS POINT - CEILING MOUNTED
A224G	A226K	1	16-A-05	CLOCK LOCATION - FLUSH MOUNTED
A224G	A226K	2	16-A-06/07	DATA VOICE LOCATION - FLUSH MOUNTED
A226	A226K	1	16-A-08	CLOCK LOCATION - FLUSH MOUNTED
A226	A226K	2	16-A-09/10	DATA VOICE LOCATION - FLUSH MOUNTED
A226	A226K	1	16-A-11	CLOCK LOCATION - FLUSH MOUNTED
A226A	A226K	1	16-A-12	MONITOR LOCATION - FLUSH MOUNTED
A226B	A226K	1	16-A-13	MONITOR LOCATION - FLUSH MOUNTED
A226C	A226K	1	16-A-14	MONITOR LOCATION - FLUSH MOUNTED
A226C	A226K	1	16-A-15	WIRELESS ACCESS POINT - CEILING MOUNTED
A226D	A226K	1	16-A-16	MONITOR LOCATION - FLUSH MOUNTED
A226E	A226K	1	16-A-17	MONITOR LOCATION - SURFACE MOUNTED
A226F	A226K	1	16-A-18	MONITOR LOCATION - SURFACE MOUNTED
A226G	A226K	1	16-A-19	MONITOR LOCATION - SURFACE MOUNTED
A226H	A226K	1	16-A-20	MONITOR LOCATION - FLUSH MOUNTED
A226J	A226K	1	16-A-21	MONITOR LOCATION - FLUSH MOUNTED
A226L	A226K	1	16-A-22	CLOCK LOCATION - FLUSH MOUNTED
A226L	A226K	2	16-A-23/24	DATA VOICE LOCATION - FLUSH MOUNTED
A227	A226K	1	16-A-25	DATA VOICE LOCATION - FLUSH MOUNTED
A227	A226K	1	16-A-26	DATA VOICE LOCATION - FLUSH MOUNTED
A227	A226K	1	16-A-27	DATA VOICE LOCATION - FLUSH MOUNTED
A227	A226K	1	16-A-28	DATA VOICE LOCATION - FLUSH MOUNTED
A227	A226K	1	16-A-29	DATA VOICE LOCATION - FLUSH MOUNTED
A228	A226K	1	16-A-30	DATA VOICE LOCATION - SURFACE MOUNTED
A228	A226K	1	16-A-31	WALL PHONE LOCATION - SURFACE MOUNTED
A228	A226K	1	16-A-32	WIRELESS ACCESS POINT - CEILING MOUNTED
A228	A226K	1	16-A-33	CLOCK LOCATION - FLUSH MOUNTED
A229	A226K	1	16-A-35	DATA VOICE LOCATION - FLUSH MOUNTED
A229	A226K	1	16-A-36	WIRELESS ACCESS POINT - CEILING MOUNTED
A229	A226K	1	16-A-37	CLOCK LOCATION - FLUSH MOUNTED
A229A	A226K	1	16-A-38	DATA VOICE LOCATION - FLUSH MOUNTED
A229B	A226K	2	16-A-39/40	DATA VOICE LOCATION - SURFACE MOUNTED
A234	A226K	1	16-A-41	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
A234	A226K	1	16-A-42	WALL PHONE LOCATION - FLUSH MOUNTED
A234	A226K	1	16-A-43	DATA VOICE LOCATION - FLUSH MOUNTED
A234	A226K	1	16-A-44	CLOCK LOCATION - SURFACE MOUNTED
A235	A226K	1	16-A-45	DATA VOICE LOCATION - FLUSH MOUNTED
A235	A226K	1	16-A-46	WALL PHONE LOCATION - FLUSH MOUNTED
A235	A226K	1	16-A-47	CLOCK LOCATION - FLUSH MOUNTED
A235	A226K	1	16-A-48	WIRELESS ACCESS POINT - CEILING MOUNTED
A509A	A226K	2	16-B-01/02	DATA VOICE LOCATION - SURFACE MOUNTED
B000	A226K	1	16-B-03	DUAL SIDED CLOCK LOCATION
B214	A226K	1	16-B-04	CLOCK LOCATION - FLUSH MOUNTED
B214	A226K	1	16-B-05	WALL PHONE LOCATION - FLUSH MOUNTED
B214	A226K	1	16-B-06	DATA VOICE LOCATION - FLUSH MOUNTED
B214	A226K	1	16-B-07	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
B218	A226K	1	16-B-08	WALL PHONE LOCATION - FLUSH MOUNTED
B218	A226K	1	16-B-09	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
B218	A226K	1	16-B-10	DATA VOICE LOCATION - FLUSH MOUNTED
B218	A226K	1	16-B-11	CLOCK LOCATION - FLUSH MOUNTED
B220	A226K	1	16-B-12	WALL PHONE LOCATION - FLUSH MOUNTED
B220	A226K	1	16-B-13	CLOCK LOCATION - FLUSH MOUNTED
B220	A226K	1	16-B-14	WIRELESS ACCESS POINT - CEILING MOUNTED - RELOCATED EXISTING
B220	A226K	1	16-B-15	DATA VOICE LOCATION - FLUSH MOUNTED
M000	A226K	1	16-B-16	DUAL SIDED CLOCK LOCATION
M200	A226K	1	16-B-17	CLOCK LOCATION - SURFACE MOUNTED
M201	A226K	1	16-B-18	WALL PHONE LOCATION - FLUSH MOUNTED
M201	A226K	1	16-B-19	DATA VOICE LOCATION - FLUSH MOUNTED
M201	A226K	1	16-B-20	WIRELESS ACCESS POINT - CEILING MOUNTED - RELOCATED EXISTING
M201	A226K	1	16-B-21	CLOCK LOCATION - SURFACE MOUNTED
Grand total		68		

IDF 17 (L205) TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	TOTAL DATA	LABEL	COMMENTS
B000.8	L205	1	17-A-01	SECURITY CAMERA - RECABLED EXISTING SINGLE SENSOR
B000.8	L205	1	17-A-02	SECURITY CAMERA - RECABLED EXISTING DUAL SENSOR
A000	L205	1	17-A-03	SECURITY CAMERA - REINSTALLED EXISTING DUAL SENSOR
M000	L205	1	17-A-04	SECURITY CAMERA - RECABLED EXISTING SINGLE SENSOR
B000.8	L205	1	17-A-05	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
B000.8	L205	1	17-A-06	DUAL SIDED CLOCK LOCATION
D000	L205	1	17-A-07	SECURITY CAMERA - RECABLED EXISTING SINGLE SENSOR
D000	L205	1	17-A-08	SECURITY CAMERA - RECABLED EXISTING SINGLE SENSOR
D238	L205	1	17-A-09	WIRELESS ACCESS POINT - CEILING MOUNTED
D238	L205	2	17-A-10/11	DATA VOICE LOCATION - SURFACE MOUNTED
D238	L205	2	17-A-12/13	DATA VOICE LOCATION - SURFACE MOUNTED
K000	L205	1	17-A-14	DUAL SIDED CLOCK LOCATION
K000	L205	1	17-A-15	DUAL SIDED CLOCK LOCATION
L000	L205	1	17-A-16	DUAL SIDED CLOCK LOCATION
L000	L205	1	17-A-17	DUAL SIDED CLOCK LOCATION
L201	L205	1	17-A-18	CLOCK LOCATION - SURFACE MOUNTED
L201	L205	1	17-A-19	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
L201	L205	1	17-A-20	WALL PHONE LOCATION - FLUSH MOUNTED
L201	L205	1	17-A-21	DATA VOICE LOCATION - FLUSH MOUNTED
L203	L205	1	17-A-22	WALL PHONE LOCATION - FLUSH MOUNTED
L203	L205	1	17-A-23	WIRELESS ACCESS POINT - CEILING MOUNTED
L203	L205	1	17-A-24	CLOCK LOCATION - SURFACE MOUNTED
L203	L205	1	17-A-25	DATA VOICE LOCATION - FLUSH MOUNTED
L207	L205	1	17-A-26	WALL PHONE LOCATION - SURFACE MOUNTED
L207	L205	1	17-A-27	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
L207	L205	1	17-A-28	CLOCK LOCATION - SURFACE MOUNTED
L207	L205	1	17-A-29	DATA VOICE LOCATION - SURFACE MOUNTED
L208	L205	1	17-A-30	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
L208	L205	2	17-A-31/32	DATA VOICE LOCATION - SURFACE MOUNTED
L208	L205	1	17-A-33	WALL PHONE LOCATION - SURFACE MOUNTED
L208	L205	1	17-A-34	CLOCK LOCATION - SURFACE MOUNTED
L209	L205	1	17-A-35	WALL PHONE LOCATION - SURFACE MOUNTED
L209	L205	1	17-A-36	DATA VOICE LOCATION - SURFACE MOUNTED
L209	L205	1	17-A-37	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
L209	L205	1	17-A-38	CLOCK LOCATION - SURFACE MOUNTED
L210	L205	1	17-A-39	WIRELESS ACCESS POINT - CEILING MOUNTED
L210	L205	1	17-A-40	CLOCK LOCATION - SURFACE MOUNTED
L210	L205	1	17-A-41	WALL PHONE LOCATION - SURFACE MOUNTED
L210	L205	2	17-A-42/43	DATA VOICE LOCATION - SURFACE MOUNTED
B000.8	L205	1	17-A-44	DUAL SIDED CLOCK LOCATION
M000	L205	1	17-A-45	DUAL SIDED CLOCK LOCATION
M000	L205	1	17-A-46	DUAL SIDED CLOCK LOCATION
M202	L205	1	17-A-47	WIRELESS ACCESS POINT - CEILING MOUNTED
M202	L205	1	17-A-48	CLOCK LOCATION - SURFACE MOUNTED
M202	L205	1	17-B-01	WALL PHONE LOCATION - FLUSH MOUNTED
M202	L205	1	17-B-02	DATA VOICE LOCATION - FLUSH MOUNTED
M203	L205	1	17-B-03	WALL PHONE LOCATION - FLUSH MOUNTED
M203	L205	1	17-B-04	DATA VOICE LOCATION - FLUSH MOUNTED
M203	L205	1	17-B-05	WIRELESS ACCESS POINT - CEILING MOUNTED
M203	L205	1	17-B-06	CLOCK LOCATION - SURFACE MOUNTED
M204	L205	1	17-B-07	WALL PHONE LOCATION - FLUSH MOUNTED
M204	L205	1	17-B-08	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
M204	L205	1	17-B-09	CLOCK LOCATION - SURFACE MOUNTED
M204	L205	1	17-B-10	DATA VOICE LOCATION - FLUSH MOUNTED
M205	L205	1	17-B-11	WALL PHONE LOCATION - FLUSH MOUNTED
M205	L205	1	17-B-12	DATA VOICE LOCATION - FLUSH MOUNTED
M205	L205	1	17-B-13	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
M205	L205	1	17-B-14	CLOCK LOCATION - SURFACE MOUNTED
M206	L205	1	17-B-15	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
M206	L205	1	17-B-16	CLOCK LOCATION - SURFACE MOUNTED
M206	L205	1	17-B-17	WALL PHONE LOCATION - SURFACE MOUNTED
M206	L205	1	17-B-18	DATA VOICE LOCATION - SURFACE MOUNTED
M207	L205	1	17-B-19	WALL PHONE LOCATION - FLUSH MOUNTED
M207	L205	1	17-B-20	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
M207	L205	1	17-B-21	CLOCK LOCATION - SURFACE MOUNTED
M207	L205	1	17-B-22	DATA VOICE LOCATION - FLUSH MOUNTED
M209	L205	1	17-B-23	WALL PHONE LOCATION - FLUSH MOUNTED
M209	L205	1	17-B-24	DATA VOICE LOCATION - FLUSH MOUNTED
M209	L205	1	17-B-25	WIRELESS ACCESS POINT - CEILING MOUNTED
M209	L205	1	17-B-26	CLOCK LOCATION - SURFACE MOUNTED
M210	L205	1	17-B-27	WALL PHONE LOCATION - SURFACE MOUNTED
M210	L205	1	17-B-28	DATA VOICE LOCATION - SURFACE MOUNTED
M210	L205	1	17-B-29	WIRELESS ACCESS POINT - CEILING MOUNTED
M210	L205	1	17-B-30	CLOCK LOCATION - SURFACE MOUNTED
M211	L205	1	17-B-31	WALL PHONE LOCATION - FLUSH MOUNTED
M211	L205	1	17-B-32	DATA VOICE LOCATION - FLUSH MOUNTED
M211	L205	1	17-B-33	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
M211	L205	1	17-B-34	CLOCK LOCATION - SURFACE MOUNTED
M213	L205	1	17-B-35	WALL PHONE LOCATION - SURFACE MOUNTED
M213	L205	1	17-B-36	CLOCK LOCATION - SURFACE MOUNTED
M213	L205	1	17-B-37	WIRELESS ACCESS POINT - CEILING MOUNTED
M213	L205	1	17-B-38	DATA VOICE LOCATION - SURFACE MOUNTED
B2C1	L205	2	17-B-39/40	DIGITAL SIGNAGE LOCATION - ABOVE CEILING
B2C1	L205	2	17-B-41/42	DIGITAL SIGNAGE LOCATION - ABOVE CEILING
B2C1	L205	2	17-B-43/44	DIGITAL SIGNAGE LOCATION - ABOVE CEILING
B2C1	L205	2	17-B-45/46	DIGITAL SIGNAGE LOCATION - ABOVE CEILING
B2C1	L205	2	17-B-47/48	DIGITAL SIGNAGE LOCATION - ABOVE CEILING
B2C1	L205	2	17-C-01/02	DIGITAL SIGNAGE LOCATION - ABOVE CEILING
B2C1	L205	2	17-C-03/04	DIGITAL SIGNAGE LOCATION - ABOVE CEILING
B2C1	L205	2	17-C-05/06	DIGITAL SIGNAGE LOCATION - ABOVE CEILING
B2C1	L205	2	17-C-07/08	DIGITAL SIGNAGE LOCATION - ABOVE CEILING
B2C1	L205	2	17-C-09/10	DIGITAL SIGNAGE LOCATION - ABOVE CEILING
B2C1	L205	2	17-C-11/12	DIGITAL SIGNAGE LOCATION - ABOVE CEILING
Grand total		108		

IDF 18 (D219A) TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	TOTAL DATA	LABEL	COMMENTS
H184B	D219A	1	18-A-01	SECURITY CAMERA - NEW DUAL SENSOR
D000	D219A	1	18-A-02	DUAL SIDED CLOCK LOCATION
D207	D219A	1	18-A-03	DATA VOICE LOCATION - FLUSH MOUNTED
D000	D219A	1	18-A-04	SECURITY CAMERA - RECABLED EXISTING MULTI-SENSOR
D203	D219A	1	18-A-05	WALL PHONE LOCATION - FLUSH MOUNTED
D203	D219A	1	18-A-06	WIRELESS ACCESS POINT - CEILING MOUNTED
D203	D219A	1	18-A-07	DATA VOICE LOCATION - FLUSH MOUNTED
D203	D219A	1	18-A-08	CLOCK LOCATION - SURFACE MOUNTED
D205	D219A	1	18-A-09	CLOCK LOCATION - SURFACE MOUNTED
D205	D219A	1	18-A-10	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
D205	D219A	1	18-A-11	WALL PHONE LOCATION - FLUSH MOUNTED
D205	D219A	1	18-A-12	DATA VOICE LOCATION - FLUSH MOUNTED
D207	D219A	1	18-A-13	WALL PHONE LOCATION - FLUSH MOUNTED
D211	D219A	1	18-A-14	WALL PHONE LOCATION - FLUSH MOUNTED
D207	D219A	1	18-A-15	CLOCK LOCATION - SURFACE MOUNTED
D207	D219A	1	18-A-16	WIRELESS ACCESS POINT - CEILING MOUNTED
D211	D219A	1	18-A-17	DATA VOICE LOCATION - FLUSH MOUNTED
D227F	D219A	1	18-A-18	CLOCK LOCATION - FLUSH MOUNTED
D211	D219A	1	18-A-19	CLOCK LOCATION - SURFACE MOUNTED
D211	D219A	1	18-A-20	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
D213	D219A	1	18-A-21	CLOCK LOCATION - SURFACE MOUNTED
D213	D219A	1	18-A-22	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
D213	D219A	1	18-A-23	WALL PHONE LOCATION - FLUSH MOUNTED
D213	D219A	1	18-A-24	DATA VOICE LOCATION - FLUSH MOUNTED
D215	D219A	1	18-A-25	CLOCK LOCATION - SURFACE MOUNTED
D215	D219A	1	18-A-26	WIRELESS ACCESS POINT - CEILING MOUNTED
D215	D219A	1	18-A-27	WALL PHONE LOCATION - FLUSH MOUNTED
D215	D219A	1	18-A-28	DATA VOICE LOCATION - FLUSH MOUNTED
D219	D219A	1	18-A-29	CLOCK LOCATION - SURFACE MOUNTED
D219	D219A	1	18-A-30	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
D219	D219A	1	18-A-31	WALL PHONE LOCATION - SURFACE MOUNTED
D219	D219A	1	18-A-32	DATA VOICE LOCATION - SURFACE MOUNTED
D221	D219A	1	18-A-33	CLOCK LOCATION - SURFACE MOUNTED
D221	D219A	1	18-A-34	WIRELESS ACCESS POINT - CEILING MOUNTED
D221	D219A	1	18-A-35	WALL PHONE LOCATION - SURFACE MOUNTED
D221	D219A	1	18-A-36	DATA VOICE LOCATION - SURFACE MOUNTED
D223	D219A	1	18-A-37	WIRELESS ACCESS POINT - CEILING MOUNTED
D227C	D219A	1	18-A-38	CLOCK LOCATION - FLUSH MOUNTED
D223	D219A	1	18-A-39	WALL PHONE LOCATION - SURFACE MOUNTED
D223	D219A	1	18-A-40	DATA VOICE LOCATION - SURFACE MOUNTED
D227B	D219A	2	18-A-41/42	DATA VOICE LOCATION - FLUSH MOUNTED
D227B	D219A	1	18-A-43	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
D227	D219A	1	18-A-44	CLOCK LOCATION - SURFACE MOUNTED
D227C	D219A	2	18-A-45/46	DATA VOICE LOCATION - FLUSH MOUNTED
D227D	D219A	2	18-A-47/48	DATA VOICE LOCATION - SURFACE MOUNTED
D227D	D219A	1	18-B-01	CLOCK LOCATION - FLUSH MOUNTED
D227D	D219A	1	18-B-02	DATA VOICE LOCATION - FLUSH MOUNTED
D227B	D219A	1	18-B-03	CLOCK LOCATION - FLUSH MOUNTED
D227E	D219A	1	18-B-04	CLOCK LOCATION - FLUSH MOUNTED
D227E	D219A	1	18-B-05	DATA VOICE LOCATION - FLUSH MOUNTED
D227F	D219A	1	18-B-06	MONITOR LOCATION - SURFACE MOUNTED
D227F	D219A	2	18-B-07/08	DATA VOICE LOCATION - SURFACE MOUNTED
D227G	D219A	1	18-B-09	DATA VOICE LOCATION - FLUSH MOUNTED
D227G	D219A	1	18-B-10	CLOCK LOCATION - FLUSH MOUNTED
D225	D219A	1	18-B-11	DATA VOICE LOCATION - FLUSH MOUNTED
D227	D219A	1	18-B-12	DATA VOICE LOCATION - FLUSH MOUNTED
D225	D219A	1	18-B-13	CLOCK LOCATION - FLUSH MOUNTED
D227	D219A	2	18-B-14/15	DATA VOICE LOCATION - FLUSH MOUNTED
D227	D219A	1	18-B-16	DATA VOICE LOCATION - FLUSH MOUNTED
D227	D219A	1	18-B-17	CLOCK LOCATION - SURFACE MOUNTED
D000	D219A	1	18-B-18	DUAL SIDED CLOCK LOCATION
D201	D219A	1	18-B-19	WALL PHONE LOCATION - FLUSH MOUNTED
D201	D219A	1	18-B-20	DATA VOICE LOCATION - FLUSH MOUNTED
D201	D219A	1	18-B-21	CLOCK LOCATION - SURFACE MOUNTED
D000	D219A	1	18-B-22	DUAL SIDED CLOCK LOCATION
Grand total		70		

SCHMIDT
ASSOCIATES
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Indianapolis, IN 46204
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BICSI
Matthew Connolly
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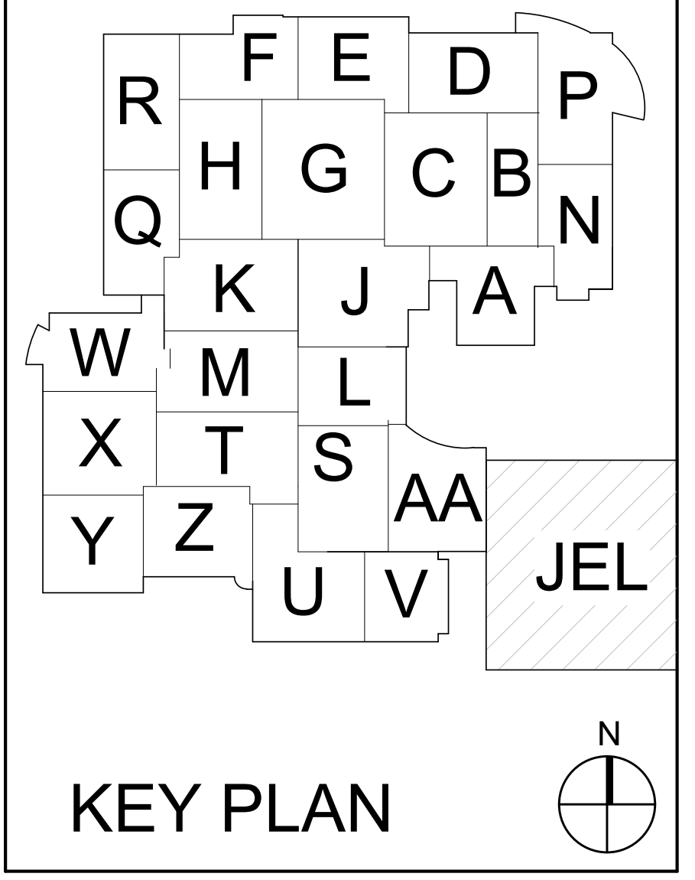
EXPIRES 12-31-24

#	Revision	Date
A2.3	Addendum 2.3	03/22/2023

1801 East 86th Street
Indianapolis, IN 46240



KEY PLAN

M.S.D. of Washington
Township

North Central High School
Renovation - Additions
Phase 3

1

TELECOM SCHEDULES

T502.3

T502.3_ TELECOM SCHEDULES
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
Autodesk Docs://2020-26 Schmidt - MSDWT North Central Reno/2019-067.NCH_Sector1_T_2022_Central.rvt
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IDF 07 (E116K) TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	TOTAL DATA	LABEL	COMMENTS
E108	E116K	1	07-D-01	CLOCK LOCATION - SURFACE MOUNTED
E108	E116K	2	07-D-02/03	DATA VOICE LOCATION - FLUSH MOUNTED
E108	E116K	2	07-D-04/05	DATA VOICE LOCATION - FLUSH MOUNTED
E108	E116K	2	07-D-06/07	DATA VOICE LOCATION - SURFACE MOUNTED
E108	E116K	2	07-D-08/09	DATA VOICE LOCATION - SURFACE MOUNTED
E108	E116K	2	07-D-10/11	DATA VOICE LOCATION - SURFACE MOUNTED
E108	E116K	2	07-D-12/13	DATA VOICE LOCATION - FLUSH MOUNTED
E108	E116K	2	07-D-14/15	DATA VOICE LOCATION - FLUSH MOUNTED
E110	E116K	1	07-D-16	WIRELESS ACCESS POINT - CEILING MOUNTED - RELOCATED EXISTING
E110	E116K	1	07-D-17	CLOCK LOCATION - SURFACE MOUNTED
E110	E116K	2	07-D-18/19	DATA VOICE LOCATION - FLUSH MOUNTED
E110	E116K	2	07-D-20/21	DATA VOICE LOCATION - FLUSH MOUNTED
E110	E116K	2	07-D-22/23	DATA VOICE LOCATION - FLUSH MOUNTED
E110	E116K	2	07-D-24/25	DATA VOICE LOCATION - FLUSH MOUNTED
E110	E116K	2	07-D-26/27	DATA VOICE LOCATION - SURFACE MOUNTED
E112	E116K	1	07-D-28	CLOCK LOCATION - SURFACE MOUNTED
E112	E116K	2	07-D-29/30	DATA VOICE LOCATION - FLUSH MOUNTED
E112	E116K	1	07-D-31	MONITOR LOCATION - FLUSH MOUNTED
E116	E116K	1	07-D-32	CLOCK LOCATION - SURFACE MOUNTED
E116	E116K	1	07-D-33	CLOCK LOCATION - SURFACE MOUNTED
E116	E116K	1	07-D-34	SECURITY CAMERA LOCATION - CEILING MOUNTED
E116	E116K	2	07-D-35/36	DATA VOICE LOCATION - SURFACE MOUNTED
E116	E116K	2	07-D-37/38	DATA VOICE LOCATION - SURFACE MOUNTED
E116	E116K	2	07-D-39/40	DATA VOICE LOCATION - SURFACE MOUNTED
E116J	E116K	1	07-D-41	AV RACK LOCATION
E216A	E116K	1	07-D-42	SECURITY CAMERA LOCATION - CEILING MOUNTED - REINSTALLED EXISTING SINGLE SENSOR
E216A	E116K	1	07-D-43	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
E216A	E116K	1	07-D-44	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
E216A	E116K	1	07-D-45	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
E216B	E116K	1	07-D-46	DUAL SIDED CLOCK LOCATION
E216B	E116K	1	07-D-47	SECURITY CAMERA - REINSTALLED EXISTING DUAL SENSOR
E216B	E116K	1	07-D-48	SECURITY CAMERA LOCATION - CEILING MOUNTED - RELOCATED EXISTING
E216B	E116K	1	07-E-01	SECURITY CAMERA - RECABLED EXISTING SINGLE SENSOR
E216B	E116K	1	07-E-02	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
E216B	E116K	1	07-E-03	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
F101	E116K	1	07-E-04	DUAL SIDED CLOCK LOCATION
L119	E116K	2	07-E-05/06	DATA VOICE LOCATION - SURFACE MOUNTED
M000	E116K	1	07-E-07	SECURITY CAMERA LOCATION - CEILING MOUNTED - RELOCATED EXISTING
M001	E116K	1	07-E-08	DUAL SIDED CLOCK LOCATION
M001	E116K	1	07-E-09	SECURITY CAMERA LOCATION - CEILING MOUNTED
N166	E116K	1	07-E-10	DUAL SIDED CLOCK LOCATION
E001	E116K	1	07-E-11	DUAL SIDED CLOCK LOCATION
N245	E116K	1	07-E-12	DATA VOICE LOCATION - SURFACE MOUNTED
N245	E116K	1	07-E-13	WALL PHONE LOCATION - SURFACE MOUNTED
N245	E116K	1	07-E-14	CLOCK LOCATION - SURFACE MOUNTED
N245	E116K	1	07-E-15	WIRELESS ACCESS POINT - CEILING MOUNTED
N247	E116K	1	07-E-16	DATA VOICE LOCATION - SURFACE MOUNTED
N247	E116K	1	07-E-17	CLOCK LOCATION - SURFACE MOUNTED
N247	E116K	1	07-E-18	WALL PHONE LOCATION - SURFACE MOUNTED
N247	E116K	1	07-E-19	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
N249	E116K	1	07-E-20	DATA VOICE LOCATION - SURFACE MOUNTED
N249	E116K	1	07-E-21	WALL PHONE LOCATION - SURFACE MOUNTED
N249	E116K	1	07-E-22	CLOCK LOCATION - SURFACE MOUNTED
N249	E116K	1	07-E-23	WIRELESS ACCESS POINT - CEILING MOUNTED
N226	E116K	1	07-E-24	WIRELESS ACCESS POINT - CEILING MOUNTED
D301	E116K	1	07-E-25	SECURITY CAMERA - RECABLED EXISTING SINGLE SENSOR
M002	E116K	1	07-E-26	WIRELESS ACCESS POINT - CEILING MOUNTED - RELOCATED EXISTING
M002	E116K	1	07-E-27	SECURITY CAMERA - RECABLED EXISTING SINGLE SENSOR
Grand total		75		

IDF 08 (F106) TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	TOTAL DATA	LABEL	COMMENTS
E003	F106	1	08-A-01	DUAL SIDED CLOCK LOCATION
F000	F106	1	08-A-02	SECURITY CAMERA - NEW DUAL SENSOR
F000	F106	1	08-A-03	SECURITY CAMERA - REINSTALLED EXISTING MULTI-SENSOR
F100	F106	1	08-A-04	CLOCK LOCATION - SURFACE MOUNTED
F101	F106	2	08-A-05/06	DATA VOICE LOCATION - SURFACE MOUNTED
F101	F106	2	08-A-07/08	DATA VOICE LOCATION - SURFACE MOUNTED
F101	F106	2	08-A-09/10	DATA VOICE LOCATION - SURFACE MOUNTED
F101	F106	2	08-A-11/12	DATA VOICE LOCATION - SURFACE MOUNTED
F108	F106	1	08-A-13	CLOCK LOCATION - SURFACE MOUNTED
F108	F106	2	08-A-14/15	DATA VOICE LOCATION - SURFACE MOUNTED
G000	F106	1	08-A-16	DUAL SIDED CLOCK LOCATION
G000	F106	1	08-A-17	SECURITY CAMERA LOCATION - CEILING MOUNTED - SINGLE SENSOR
G000	F106	1	08-A-18	SECURITY CAMERA LOCATION - CEILING MOUNTED - SINGLE SENSOR
G176A	F106	1	08-A-19	SECURITY CAMERA LOCATION - CEILING MOUNTED - SINGLE SENSOR
K001	F106	1	08-A-20	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
K001	F106	1	08-A-21	DUAL SIDED CLOCK LOCATION
K001	F106	1	08-A-22	CLOCK LOCATION - FLUSH MOUNTED
K001	F106	1	08-A-23	SECURITY CAMERA - REINSTALLED EXISTING MULTI-SENSOR
K001	F106	1	08-A-24	SECURITY CAMERA - NEW SINGLE SENSOR
K002A	F106	1	08-A-25	DUAL SIDED CLOCK LOCATION
K002A	F106	1	08-A-26	SECURITY CAMERA LOCATION - CEILING MOUNTED - MULTI-SENSOR
K117	F106	1	08-A-29	WIRELESS ACCESS POINT - CEILING MOUNTED
K118	F106	1	08-A-30	CLOCK LOCATION - FLUSH MOUNTED
K118	F106	1	08-A-31	CLOCK LOCATION - FLUSH MOUNTED
K118	F106	1	08-A-32	PROJECTOR LOCATION - CEILING MOUNTED
K118	F106	1	08-A-33	DATA VOICE LOCATION - FLUSH MOUNTED
K118	F106	1	08-A-34	WIRELESS ACCESS POINT - CEILING MOUNTED
K118	F106	1	08-A-35	WALL PHONE LOCATION - FLUSH MOUNTED
K118A	F106	1	08-A-36	CLOCK LOCATION - SURFACE MOUNTED
K119	F106	1	08-A-37	CLOCK LOCATION - SURFACE MOUNTED
K119	F106	1	08-A-38	DATA VOICE LOCATION - FLUSH MOUNTED
K119	F106	1	08-A-39	WALL PHONE LOCATION - FLUSH MOUNTED
K119	F106	1	08-A-40	WIRELESS ACCESS POINT - CEILING MOUNTED
K225A	F106	2	08-A-41/42	DATA VOICE LOCATION - SURFACE MOUNTED
L000	F106	1	08-A-43	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
L000	F106	1	08-A-44	SECURITY CAMERA LOCATION - CEILING MOUNTED - SINGLE SENSOR
L000	F106	1	08-A-45	SECURITY CAMERA LOCATION - CEILING MOUNTED - SINGLE SENSOR
L120	F106	1	08-A-46	CLOCK LOCATION - FLUSH MOUNTED
L120	F106	1	08-A-47	PROJECTOR LOCATION - CEILING MOUNTED
L001	F106	1	08-A-48	SECURITY CAMERA - RECABLED EXISTING SINGLE SENSOR
L128	F106	1	08-B-06	CLOCK LOCATION - SURFACE MOUNTED
L128	F106	2	08-B-07/08	DATA VOICE LOCATION - SURFACE MOUNTED
N217	F106	2	08-B-09/10	DATA VOICE LOCATION - SURFACE MOUNTED
N217	F106	1	08-B-11	SECURITY CAMERA LOCATION - CEILING MOUNTED - MULTI-SENSOR
N226	F106	1	08-B-13	SECURITY CAMERA - NEW MULTI-SENSOR
EXT	F106	1	08-B-14	SECURITY CAMERA - NEW MULTI-SENSOR AT 12' A.F.F.
EXT	F106	1	08-B-15	SECURITY CAMERA LOCATION - WALL MOUNTED AT 12' A.F.F. - SINGLE SENSOR
K117	F106	1	08-B-16	WALL PHONE LOCATION - FLUSH MOUNTED
K117	F106	1	08-B-17	DATA VOICE LOCATION - FLUSH MOUNTED
L120	F106	1	08-B-18	DATA VOICE LOCATION - FLUSH MOUNTED
L120	F106	1	08-B-19	WALL PHONE LOCATION - FLUSH MOUNTED
L120	F106	1	08-B-20	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
K1C3	F106	2	08-B-21	DIGITAL SIGNAGE LOCATION - ABOVE CEILING
K1C3	F106	2	08-B-22	DIGITAL SIGNAGE LOCATION - ABOVE CEILING
Grand total		64		

IDF 09 (G111L) TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	TOTAL DATA	LABEL	COMMENTS
121	G111L	1	09-B-21	SECURITY CAMERA - RECABLED EXISTING DUAL SENSOR
G111	G111L	1	09-B-23	SECURITY CAMERA - RECABLED EXISTING SINGLE SENSOR
G111	G111L	1	09-B-24	SECURITY CAMERA - RECABLED EXISTING SINGLE SENSOR
G111	G111L	1	09-B-25	SECURITY CAMERA - RECABLED EXISTING SINGLE SENSOR
G111	G111L	1	09-B-26	SECURITY CAMERA - RECABLED EXISTING DUAL SENSOR
G111E	G111L	1	09-B-27	CLOCK LOCATION - SURFACE MOUNTED
G111E	G111L	2	09-B-28/29	DATA VOICE LOCATION - FLUSH MOUNTED
G111E	G111L	2	09-B-30/31	DATA VOICE LOCATION - FLUSH MOUNTED
G111E	G111L	2	09-B-32/33	DATA VOICE LOCATION - FLUSH MOUNTED
G111L	G111L	2	09-B-36/37	DATA VOICE LOCATION - SURFACE MOUNTED
G111L	G111L	1	09-B-38	CLOCK LOCATION - SURFACE MOUNTED
G111L	G111L	1	09-B-39	AV RACK LOCATION
G111M	G111L	2	09-B-40/41	DATA VOICE LOCATION - SURFACE MOUNTED
G111Q	G111L	2	09-B-42/43	DATA VOICE LOCATION - FLUSH MOUNTED
G111R	G111L	2	09-B-44/45	DATA VOICE LOCATION - FLUSH MOUNTED
G115	G111L	1	09-B-46	DATA VOICE LOCATION - SURFACE MOUNTED
G115	G111L	1	09-B-47	WALL PHONE LOCATION - SURFACE MOUNTED
G115	G111L	1	09-B-48	WIRELESS ACCESS POINT - CEILING MOUNTED
G115A	G111L	1	09-C-01	DATA VOICE LOCATION - FLUSH MOUNTED
P111D	G111L	1	09-C-02	SECURITY CAMERA LOCATION - WALL MOUNTED
P111D	G111L	1	09-C-03	SECURITY CAMERA LOCATION - WALL MOUNTED
Grand total		28		

IDF 09 (G114D) TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	TOTAL DATA	LABEL	COMMENTS
G101	G114D	1	09-A-01	PROJECTOR LOCATION - CEILING MOUNTED
G101	G114D	1	09-A-02	CLOCK LOCATION - FLUSH MOUNTED
G101	G114D	1	09-A-03	DATA VOICE LOCATION - FLUSH MOUNTED
G101	G114D	1	09-A-04	WIRELESS ACCESS POINT - CEILING MOUNTED
G101	G114D	1	09-A-05	WALL PHONE LOCATION - FLUSH MOUNTED
G101	G114D	1	09-A-06	CLOCK LOCATION - FLUSH MOUNTED
G101D	G114D	1	09-A-07	CLOCK LOCATION - FLUSH MOUNTED
G101E	G114D	1	09-A-08	CLOCK LOCATION - FLUSH MOUNTED
G101F	G114D	1	09-A-09	CLOCK LOCATION - FLUSH MOUNTED
G101G	G114D	1	09-A-10	CLOCK LOCATION - FLUSH MOUNTED
G102	G114D	2	09-A-11/12	DATA VOICE LOCATION - FLUSH MOUNTED
G102	G114D	1	09-A-13	CLOCK LOCATION - FLUSH MOUNTED
G102	G114D	1	09-A-14	MONITOR LOCATION - FLUSH MOUNTED
G102A	G114D	1	09-A-15	WIRELESS ACCESS POINT - CEILING MOUNTED
G102A	G114D	1	09-A-16	DATA VOICE LOCATION - FLUSH MOUNTED
G102A	G114D	1	09-A-17	CLOCK LOCATION - FLUSH MOUNTED
G103	G114D	1	09-A-18	PROJECTOR LOCATION - CEILING MOUNTED
G103	G114D	1	09-A-19	CLOCK LOCATION - FLUSH MOUNTED
G103	G114D	1	09-A-20	DATA VOICE LOCATION - FLUSH MOUNTED
G103	G114D	1	09-A-21	WALL PHONE LOCATION - FLUSH MOUNTED
G104	G114D	1	09-A-27	CLOCK LOCATION - FLUSH MOUNTED
G106	G114D	1	09-A-28	CLOCK LOCATION - FLUSH MOUNTED
N207	G114D	1	09-A-29	WIRELESS ACCESS POINT - CEILING MOUNTED
G114	G114D	1	09-A-30	CLOCK LOCATION - SURFACE MOUNTED
G114	G114D	2	09-A-31/32	DATA VOICE LOCATION - FLUSH MOUNTED
G114A	G114D	1	09-A-33	CLOCK LOCATION - SURFACE MOUNTED
G114A	G114D	2	09-A-34/35	DATA VOICE LOCATION - SURFACE MOUNTED
G114B	G114D	1	09-A-36	CLOCK LOCATION - SURFACE MOUNTED
G114B	G114D	2	09-A-37/38	DATA VOICE LOCATION - SURFACE MOUNTED
G114C	G114D	1	09-A-39	CLOCK LOCATION - SURFACE MOUNTED
G114C	G114D	2	09-A-40/41	DATA VOICE LOCATION - SURFACE MOUNTED
G114E	G114D	1	09-A-42	CLOCK LOCATION - SURFACE MOUNTED
G114E	G114D	2	09-A-43/44	DATA VOICE LOCATION - SURFACE MOUNTED
K002	G114D	1	09-A-45	SECURITY CAMERA LOCATION - CEILING MOUNTED - MULTI-SENSOR
K002	G114D	1	09-A-46	DUAL SIDED CLOCK LOCATION
G116	G114D	1	09-A-47	WIRELESS ACCESS POINT - WALL MOUNTED - EXISTING
G116	G114D	1	09-A-48	WIRELESS ACCESS POINT - WALL MOUNTED - EXISTING
G116	G114D	1	09-B-01	SECURITY CAMERA LOCATION - CEILING MOUNTED
G116A	G114D	1	09-B-02	AV RACK LOCATION
G116B	G114D	1	09-B-03	CLOCK LOCATION - SURFACE MOUNTED
G116B	G114D	2	09-B-04/05	DATA VOICE LOCATION - SURFACE MOUNTED
G116B	G114D	1	09-B-06	CLOCK LOCATION - SURFACE MOUNTED
G116C	G114D	1	09-B-07	CLOCK LOCATION - SURFACE MOUNTED
G116C	G114D	2	09-B-08/09	DATA VOICE LOCATION - SURFACE MOUNTED
G116C	G114D	2	09-B-10/11	DATA VOICE LOCATION - SURFACE MOUNTED
N001	G114D	1	09-B-14	SECURITY CAMERA LOCATION - CEILING MOUNTED
G107	G114D	1	09-B-15	CLOCK LOCATION - FLUSH MOUNTED
P000	G114D	1	09-B-16	SECURITY CAMERA - RECABLED EXISTING MULTI-SENSOR
P000	G114D	1	09-B-17	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
P001	G114D	1	09-B-18	DUAL SIDED CLOCK LOCATION
P001	G114D	1	09-B-19	SECURITY CAMERA LOCATION - CEILING MOUNTED - SINGLE SENSOR
P001	G114D	1	09-B-20	SECURITY CAMERA LOCATION - CEILING MOUNTED - DUAL SENSOR
G103F	G114D	1	09-B-26	CLOCK LOCATION - FLUSH MOUNTED
G115	G114D	1	09-B-45	CLOCK LOCATION - SURFACE MOUNTED
G116	G114D	1	09-B-46	CLOCK LOCATION - SURFACE MOUNTED
K100	G114D	1	09-C-04	
Grand total		65		

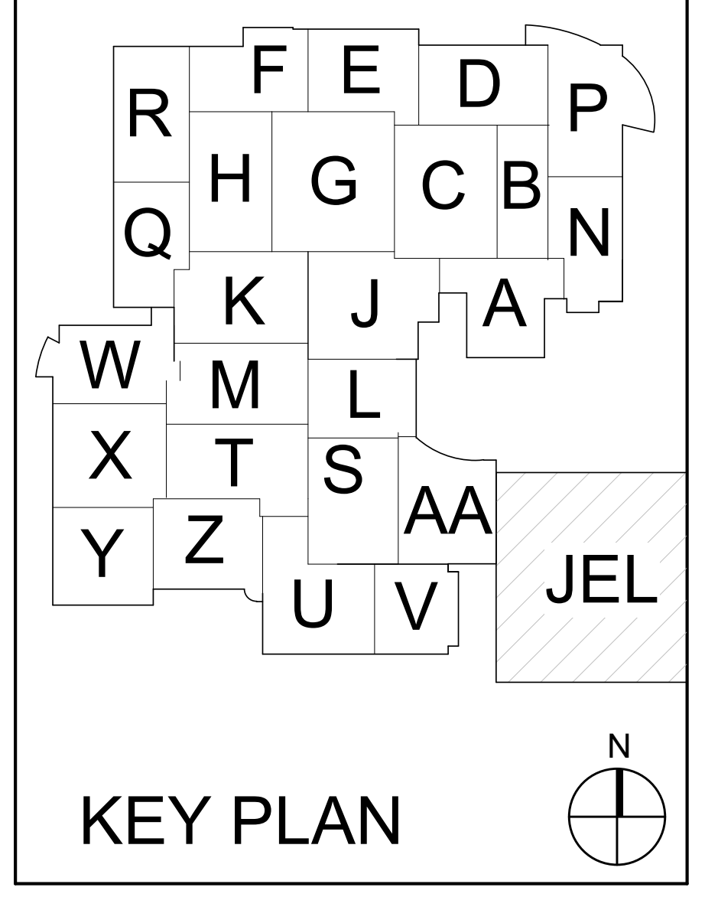
SCHMIDT
ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2019-067.NCH
Project Date 03.03.2023
Bid Set 03
Produced MJC MKD

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Matthew Connolly
BICSI ID # 212593
EXPIRES 12-31-24
RCDD

#	Revision	Date
A2.3	Addendum 2.3	03.22.2023

1801 East 86th Street
Indianapolis, IN 46240



KEY PLAN

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

TELECOM SCHEDULES

T503.3

T503.3_ TELECOM SCHEDULES
2019-067.NCH_M.S.D. of Washington Township_North Central High School Renovation_
Autodesk Docs://2020-26 Schmidt - MSDWT North Central Reno/2019-067.NCH_Sector2_T_2022_Central.rvt
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IDF 19 (H242) TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	TOTAL DATA	LABEL	COMMENTS
A000	H242	1	19-A-01	SECURITY CAMERA - NEW MULTI-SENSOR
A000	H242	1	19-A-02	SECURITY CAMERA - NEW DUAL SENSOR
A000	H242	1	19-A-03	SECURITY CAMERA - RECABLED EXISTING SINGLE SENSOR
A000	H242	1	19-A-04	SECURITY CAMERA - RECABLED EXISTING DUAL SENSOR
H000	H242	1	19-A-05	DUAL SIDED CLOCK LOCATION
H000	H242	1	19-A-06	DUAL SIDED CLOCK LOCATION
H222	H242	1	19-A-07	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
H222	H242	1	19-A-08	WALL PHONE LOCATION - SURFACE MOUNTED
H222	H242	1	19-A-09	DATA VOICE LOCATION - SURFACE MOUNTED
H222	H242	1	19-A-10	CLOCK LOCATION - SURFACE MOUNTED
H224	H242	1	19-A-11	WIRELESS ACCESS POINT - CEILING MOUNTED
H224	H242	1	19-A-12	DATA VOICE LOCATION - SURFACE MOUNTED
H224	H242	1	19-A-13	WALL PHONE LOCATION - SURFACE MOUNTED
H224	H242	1	19-A-14	CLOCK LOCATION - SURFACE MOUNTED
H225	H242	1	19-A-15	WIRELESS ACCESS POINT - CEILING MOUNTED
H225	H242	1	19-A-16	WALL PHONE LOCATION - SURFACE MOUNTED
H225	H242	1	19-A-17	DATA VOICE LOCATION - SURFACE MOUNTED
H225	H242	1	19-A-18	CLOCK LOCATION - SURFACE MOUNTED
H228	H242	1	19-A-19	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
H228	H242	1	19-A-20	WALL PHONE LOCATION - SURFACE MOUNTED
H228	H242	1	19-A-21	DATA VOICE LOCATION - SURFACE MOUNTED
H228	H242	1	19-A-22	CLOCK LOCATION - SURFACE MOUNTED
H230	H242	1	19-A-23	WIRELESS ACCESS POINT - CEILING MOUNTED
H230	H242	1	19-A-24	WALL PHONE LOCATION - SURFACE MOUNTED
H230	H242	1	19-A-25	DATA VOICE LOCATION - SURFACE MOUNTED
H230	H242	1	19-A-26	CLOCK LOCATION - SURFACE MOUNTED
H231	H242	1	19-A-27	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
H231	H242	1	19-A-28	WALL PHONE LOCATION - SURFACE MOUNTED
H231	H242	1	19-A-29	DATA VOICE LOCATION - SURFACE MOUNTED
H231	H242	1	19-A-30	CLOCK LOCATION - SURFACE MOUNTED
H232	H242	1	19-A-31	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
H232	H242	1	19-A-32	WALL PHONE LOCATION - SURFACE MOUNTED
H232	H242	1	19-A-33	DATA VOICE LOCATION - SURFACE MOUNTED
H232	H242	1	19-A-34	CLOCK LOCATION - SURFACE MOUNTED
H233	H242	1	19-A-35	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
H233	H242	1	19-A-36	WALL PHONE LOCATION - SURFACE MOUNTED
H233	H242	1	19-A-37	DATA VOICE LOCATION - SURFACE MOUNTED
H233	H242	1	19-A-38	CLOCK LOCATION - SURFACE MOUNTED
H234	H242	1	19-A-39	WIRELESS ACCESS POINT - CEILING MOUNTED
H234	H242	1	19-A-40	WALL PHONE LOCATION - SURFACE MOUNTED
H234	H242	1	19-A-41	DATA VOICE LOCATION - SURFACE MOUNTED
H234	H242	1	19-A-42	CLOCK LOCATION - SURFACE MOUNTED
H236	H242	1	19-A-43	DATA VOICE LOCATION - SURFACE MOUNTED
H236	H242	1	19-A-44	DATA VOICE LOCATION - SURFACE MOUNTED
H236	H242	1	19-A-45	CLOCK LOCATION - SURFACE MOUNTED
H236	H242	1	19-A-46	DATA VOICE LOCATION - SURFACE MOUNTED
H240	H242	1	19-A-47	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
H240	H242	1	19-A-48	WALL PHONE LOCATION - SURFACE MOUNTED
H240	H242	1	19-B-01	DATA VOICE LOCATION - SURFACE MOUNTED
H240	H242	1	19-B-02	CLOCK LOCATION - SURFACE MOUNTED
Grand total		50		

IDF 20 (H206) TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	TOTAL DATA	LABEL	COMMENTS
A000	H206	1	20-A-01	SECURITY CAMERA - NEW SINGLE SENSOR
A000	H206	1	20-A-02	SECURITY CAMERA - NEW MULTI-SENSOR
A000	H206	1	20-A-03	SECURITY CAMERA - RECABLED EXISTING SINGLE SENSOR
A000	H206	1	20-A-04	SECURITY CAMERA - RECABLED EXISTING SINGLE SENSOR
A000	H206	1	20-A-05	SECURITY CAMERA - RECABLED EXISTING SINGLE SENSOR
A000	H206	1	20-A-06	SECURITY CAMERA - NEW SINGLE SENSOR
A531A	H206	2	20-A-07/08	DATA VOICE LOCATION - FLUSH MOUNTED
A531A	H206	2	20-A-09/10	DATA VOICE LOCATION - FLUSH MOUNTED
A531A	H206	1	20-A-11	CLOCK LOCATION - FLUSH MOUNTED
H000	H206	1	20-A-12	DUAL SIDED CLOCK LOCATION
H200	H206	1	20-A-13	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
H200A	H206	1	20-A-14	CLOCK LOCATION - FLUSH MOUNTED
H200A	H206	2	20-A-15/16	DATA VOICE LOCATION - FLUSH MOUNTED
H200B	H206	2	20-A-17/18	DATA VOICE LOCATION - SURFACE MOUNTED
H200B	H206	1	20-A-19	CLOCK LOCATION - FLUSH MOUNTED
H200C	H206	1	20-A-20	CLOCK LOCATION - FLUSH MOUNTED
H200C	H206	2	20-A-21/22	DATA VOICE LOCATION - FLUSH MOUNTED
H200D	H206	1	20-A-23	CLOCK LOCATION - FLUSH MOUNTED
H200D	H206	2	20-A-24/25	DATA VOICE LOCATION - FLUSH MOUNTED
H200E	H206	1	20-A-26	CLOCK LOCATION - FLUSH MOUNTED
H200E	H206	2	20-A-27/28	POKE THRU LOCATION
H200E	H206	1	20-A-29	MONITOR LOCATION - FLUSH MOUNTED
H200F	H206	2	20-A-30/31	DATA VOICE LOCATION - FLUSH MOUNTED
H200F	H206	1	20-A-32	CLOCK LOCATION - FLUSH MOUNTED
H200G	H206	1	20-A-33	CLOCK LOCATION - FLUSH MOUNTED
H200G	H206	2	20-A-34/35	DATA VOICE LOCATION - SURFACE MOUNTED
H202	H206	1	20-A-36	CLOCK LOCATION - SURFACE MOUNTED
H202	H206	1	20-A-37	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
H202	H206	1	20-A-38	WALL PHONE LOCATION - SURFACE MOUNTED
H202	H206	1	20-A-39	DATA VOICE LOCATION - SURFACE MOUNTED
H204	H206	1	20-A-40	CLOCK LOCATION - SURFACE MOUNTED
H204	H206	1	20-A-41	WIRELESS ACCESS POINT - CEILING MOUNTED
H204	H206	1	20-A-42	DATA VOICE LOCATION - SURFACE MOUNTED
H204	H206	1	20-A-43	WALL PHONE LOCATION - SURFACE MOUNTED
H208	H206	1	20-A-44	CLOCK LOCATION - SURFACE MOUNTED
H208	H206	1	20-A-45	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
H208	H206	1	20-A-46	WALL PHONE LOCATION - SURFACE MOUNTED
H208	H206	1	20-A-47	DATA VOICE LOCATION - SURFACE MOUNTED
H210	H206	1	20-A-48	CLOCK LOCATION - SURFACE MOUNTED
H210	H206	1	20-B-01	WALL PHONE LOCATION - SURFACE MOUNTED
H210	H206	1	20-B-02	DATA VOICE LOCATION - SURFACE MOUNTED
H210	H206	1	20-B-03	WIRELESS ACCESS POINT - CEILING MOUNTED
H211	H206	1	20-B-04	CLOCK LOCATION - SURFACE MOUNTED
H211	H206	1	20-B-05	WIRELESS ACCESS POINT - CEILING MOUNTED
H211	H206	1	20-B-06	WALL PHONE LOCATION - SURFACE MOUNTED
H211	H206	1	20-B-07	DATA VOICE LOCATION - SURFACE MOUNTED
H212	H206	1	20-B-08	DATA VOICE LOCATION - SURFACE MOUNTED
H212	H206	1	20-B-09	WALL PHONE LOCATION - SURFACE MOUNTED
H212	H206	1	20-B-10	CLOCK LOCATION - SURFACE MOUNTED
H212	H206	1	20-B-11	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
H213	H206	1	20-B-12	DATA VOICE LOCATION - SURFACE MOUNTED
H213	H206	1	20-B-13	CLOCK LOCATION - SURFACE MOUNTED
H213	H206	1	20-B-14	WALL PHONE LOCATION - SURFACE MOUNTED
H213	H206	1	20-B-15	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
H214	H206	1	20-B-16	WALL PHONE LOCATION - SURFACE MOUNTED
H214	H206	1	20-B-17	DATA VOICE LOCATION - SURFACE MOUNTED
H214	H206	1	20-B-18	CLOCK LOCATION - SURFACE MOUNTED
H214	H206	1	20-B-19	WIRELESS ACCESS POINT - CEILING MOUNTED
H215	H206	1	20-B-20	DATA VOICE LOCATION - SURFACE MOUNTED
H215	H206	1	20-B-21	WALL PHONE LOCATION - SURFACE MOUNTED
H215	H206	1	20-B-22	CLOCK LOCATION - SURFACE MOUNTED
H215	H206	1	20-B-23	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
H218	H206	1	20-B-24	DATA VOICE LOCATION - SURFACE MOUNTED
H218	H206	1	20-B-25	WALL PHONE LOCATION - SURFACE MOUNTED
H218	H206	1	20-B-26	CLOCK LOCATION - SURFACE MOUNTED
H218	H206	1	20-B-27	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
H220	H206	1	20-B-28	CLOCK LOCATION - SURFACE MOUNTED
H220	H206	1	20-B-29	WALL PHONE LOCATION - SURFACE MOUNTED
H220	H206	1	20-B-30	DATA VOICE LOCATION - SURFACE MOUNTED
H220	H206	1	20-B-31	WIRELESS ACCESS POINT - CEILING MOUNTED
H262	H206	1	20-B-32	CLOCK LOCATION - SURFACE MOUNTED
H262	H206	1	20-B-33	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
H262	H206	1	20-B-34	WALL PHONE LOCATION - SURFACE MOUNTED
H262	H206	1	20-B-35	DATA VOICE LOCATION - SURFACE MOUNTED
Grand total		83		

IDF 21 (N236) TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	TOTAL DATA	LABEL	COMMENTS
D003	N236	1	11-A-41	SECURITY CAMERA - NEW MULTI-SENSOR AT 9' A.F.F.
N000	N236	1	21-A-01	SECURITY CAMERA - REINSTALLED EXISTING SINGLE SENSOR
D003	N236	1	21-A-03	SECURITY CAMERA - RECABLED EXISTING SINGLE SENSOR
N2C1	N236	1	21-A-04	SECURITY CAMERA - RECABLED EXISTING SINGLE SENSOR
N2C1	N236	1	21-A-05	DUAL SIDED CLOCK LOCATION
N002	N236	1	21-A-06	DUAL SIDED CLOCK LOCATION
N218	N236	1	21-A-07	WALL PHONE LOCATION - FLUSH MOUNTED
N218	N236	1	21-A-08	DATA VOICE LOCATION - FLUSH MOUNTED
N002	N236	1	21-A-09	SECURITY CAMERA - REINSTALLED EXISTING SINGLE SENSOR
N218	N236	1	21-A-10	CLOCK LOCATION - SURFACE MOUNTED
N220	N236	1	21-A-11	MONITOR LOCATION - FLUSH MOUNTED
N224	N236	1	21-A-12	MONITOR LOCATION - FLUSH MOUNTED
N224	N236	1	21-A-13	WALL PHONE LOCATION - SURFACE MOUNTED
N224	N236	2	21-A-14/15	SHORT THROW PROJECTOR - SURFACE MOUNTED
N220	N236	1	21-A-16	AV CEILING ENCLOSURE
N224	N236	1	21-A-17	CLOCK LOCATION - SURFACE MOUNTED
N224	N236	1	21-A-18	DATA VOICE LOCATION - SURFACE MOUNTED
N220	N236	1	21-A-19	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
N223	N236	1	21-A-20	MONITOR LOCATION - SURFACE MOUNTED
N221	N236	1	21-A-21	AV CEILING ENCLOSURE
N221	N236	2	21-A-22/23	SHORT THROW PROJECTOR - FLUSH MOUNTED
N221	N236	1	21-A-24	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
N221	N236	1	21-A-25	WALL PHONE LOCATION - FLUSH MOUNTED
N221	N236	1	21-A-26	DATA VOICE LOCATION - FLUSH MOUNTED
N223	N236	1	21-A-27	CLOCK LOCATION - SURFACE MOUNTED
N223	N236	1	21-A-28	MONITOR LOCATION - SURFACE MOUNTED
N227	N236	2	21-A-29/30	SHORT THROW PROJECTOR - FLUSH MOUNTED
A000	N236	1	21-A-31	SECURITY CAMERA - NEW DUAL SENSOR
N223	N236	1	21-A-32	DATA VOICE LOCATION - FLUSH MOUNTED
N223	N236	1	21-A-33	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
N223	N236	1	21-A-34	AV CEILING ENCLOSURE
N227	N236	1	21-A-35	CLOCK LOCATION - SURFACE MOUNTED
N228	N236	2	21-A-36/37	SHORT THROW PROJECTOR - SURFACE MOUNTED
N230	N236	1	21-A-38	CLOCK LOCATION - SURFACE MOUNTED
N228	N236	1	21-A-39	DATA VOICE LOCATION - SURFACE MOUNTED
N228	N236	1	21-A-40	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
N228	N236	1	21-A-41	WALL PHONE LOCATION - SURFACE MOUNTED
N224	N236	1	21-A-42	AV CEILING ENCLOSURE
N228	N236	1	21-A-43	MONITOR LOCATION - FLUSH MOUNTED
N229	N236	1	21-A-44	AV CEILING ENCLOSURE
N231	N236	1	21-A-45	MONITOR LOCATION - FLUSH MOUNTED
N231	N236	1	21-A-46	MONITOR LOCATION - FLUSH MOUNTED
N229	N236	1	21-A-47	MONITOR LOCATION - FLUSH MOUNTED
N229	N236	2	21-A-48/21-B-01	SHORT THROW PROJECTOR - SURFACE MOUNTED
N229	N236	1	21-B-02	DATA VOICE LOCATION - SURFACE MOUNTED
N229	N236	1	21-B-03	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
N231	N236	1	21-B-04	CLOCK LOCATION - FLUSH MOUNTED
N229	N236	1	21-B-05	WALL PHONE LOCATION - SURFACE MOUNTED
N231	N236	1	21-B-06	AV CEILING ENCLOSURE
N235	N236	1	21-B-07	MONITOR LOCATION - SURFACE MOUNTED
N231	N236	1	21-B-08	WALL PHONE LOCATION - FLUSH MOUNTED
N231	N236	2	21-B-09/10	SHORT THROW PROJECTOR - FLUSH MOUNTED
N231	N236	1	21-B-11	DATA VOICE LOCATION - FLUSH MOUNTED
N235	N236	1	21-B-12	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
N235	N236	1	21-B-13	CLOCK LOCATION - FLUSH MOUNTED
N224	N236	1	21-B-14	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
N227	N236	1	21-B-15	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
N223	N236	1	21-B-16	WALL PHONE LOCATION - FLUSH MOUNTED
N223	N236	2	21-B-17/18	SHORT THROW PROJECTOR - FLUSH MOUNTED
N227	N236	1	21-B-19	WALL PHONE LOCATION - FLUSH MOUNTED
N227	N236	1	21-B-20	AV CEILING ENCLOSURE
N227	N236	1	21-B-21	DATA VOICE LOCATION - FLUSH MOUNTED
N235	N236	1	21-B-22	DATA VOICE LOCATION - FLUSH MOUNTED
N235	N236	1	21-B-23	WALL PHONE LOCATION - FLUSH MOUNTED
N235	N236	2	21-B-24/25	SHORT THROW PROJECTOR - FLUSH MOUNTED
N227	N236	1	21-B-26	AV CEILING ENCLOSURE
Grand total		74		

IDF 22 (A236) TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	TOTAL DATA	LABEL	COMMENTS
A000	A236	1	22-A-01	SECURITY CAMERA - REINSTALLED EXISTING DUAL SENSOR
A000	A236	1	22-A-02	SECURITY CAMERA - REINSTALLED EXISTING SINGLE SENSOR
A237	A236	1	22-A-03	WALL PHONE LOCATION - FLUSH MOUNTED
A237	A236	1	22-A-04	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
A237	A236	1	22-A-05	CLOCK LOCATION - FLUSH MOUNTED
A237	A236	1	22-A-06	DATA VOICE LOCATION - FLUSH MOUNTED
A239	A236	1	22-A-07	WIRELESS ACCESS POINT - CEILING MOUNTED
A239	A236	1	22-A-08	DATA VOICE LOCATION - FLUSH MOUNTED
A239	A236	1	22-A-09	WALL PHONE LOCATION - FLUSH MOUNTED
A239	A236	1	22-A-10	CLOCK LOCATION - FLUSH MOUNTED
N002	A236	1	22-A-11	DUAL SIDED CLOCK LOCATION
N201	A236	1	22-A-12	WIRELESS ACCESS POINT - CEILING MOUNTED
N201	A236	1	22-A-13	CLOCK LOCATION - FLUSH MOUNTED
N216	A236	1	22-A-14	DATA VOICE LOCATION - FLUSH MOUNTED
N201	A236	1	22-A-15	DATA VOICE LOCATION - SURFACE MOUNTED
N203	A236	1	22-A-16	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
N203	A236	1	22-A-17	CLOCK LOCATION - SURFACE MOUNTED
N203	A236	1	22-A-18	WALL PHONE LOCATION - FLUSH MOUNTED
N203	A236	1	22-A-19	DATA VOICE LOCATION - FLUSH MOUNTED
N205	A236	1	22-A-20	WIRELESS ACCESS POINT - CEILING MOUNTED
N205	A236	1	22-A-21	CLOCK LOCATION - SURFACE MOUNTED
N205	A236	1	22-A-22	WALL PHONE LOCATION - FLUSH MOUNTED
N205	A236	1	22-A-23	DATA VOICE LOCATION - FLUSH MOUNTED
N206	A236	1	22-A-24	CLOCK LOCATION - FLUSH MOUNTED
N206	A236	1	22-A-25	WALL PHONE LOCATION - FLUSH MOUNTED
N206	A236	1	22-A-26	WIRELESS ACCESS POINT - CEILING MOUNTED
N206	A236	1	22-A-27	DATA VOICE LOCATION - FLUSH MOUNTED
N210	A236	1	22-A-28	WALL PHONE LOCATION - FLUSH MOUNTED
N210	A236	1	22-A-29	CLOCK LOCATION - FLUSH MOUNTED
N210	A236	1	22-A-30	DATA VOICE LOCATION - FLUSH MOUNTED
N210	A236	1	22-A-31	WIRELESS ACCESS POINT - CEILING MOUNTED - RELOCATED EXISTING
N211	A236	1	22-A-32	WALL PHONE LOCATION - SURFACE MOUNTED
N211	A236	1	22-A-33	WIRELESS ACCESS POINT - CEILING MOUNTED
N211	A236	1	22-A-34	CLOCK LOCATION - FLUSH MOUNTED
N211	A236	1	22-A-35	DATA VOICE LOCATION - SURFACE MOUNTED
N213	A236	1	22-A-36	WALL PHONE LOCATION - SURFACE MOUNTED
N213	A236	1	22-A-37	DATA VOICE LOCATION - SURFACE MOUNTED
N213	A236	1	22-A-38	MONITOR LOCATION - FLUSH MOUNTED
N213	A236	1	22-A-39	CLOCK LOCATION - SURFACE MOUNTED
N213	A236	1	22-A-40	AV CEILING ENCLOSURE
N213	A236	2	22-A-41/42	SHORT THROW PROJECTOR - SURFACE MOUNTED
N213	A236	1	22-A-43	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
N214	A236	1	22-A-44	WALL PHONE LOCATION - FLUSH MOUNTED
N214	A236	1	22-A-45	DATA VOICE LOCATION - FLUSH MOUNTED
N214	A236	1	22-A-46	WIRELESS ACCESS POINT - CEILING MOUNTED
N214	A236	1	22-A-47	CLOCK LOCATION - SURFACE MOUNTED
N201	A236	1	22-A-48	WALL PHONE LOCATION - SURFACE MOUNTED
N216	A236	1	22-B-02	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
N216	A236	1	22-B-03	CLOCK LOCATION - SURFACE MOUNTED
ST6-01	A236	1	22-B-04	SECURITY CAMERA - NEW DUAL SENSOR
N216	A236	1	22-B-05	WALL PHONE LOCATION - FLUSH MOUNTED
Grand total		52		

MDF/IDF 23 (A220) TELECOM SCHEDULE

ROOM NUMBER	TELECOM ROOM	TOTAL DATA	LABEL	COMMENTS
A514F	A220	1	23-A-01	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
A514F	A220	1	23-A-02	CLOCK LOCATION - SURFACE MOUNTED
A000	A220	1	23-A-03	SECURITY CAMERA - NEW HEMISPHERIC LENS SINGLE SENSOR
A000	A220	1	23-A-04	SECURITY CAMERA - NEW SINGLE SENSOR
A000	A220	1	23-A-05	SECURITY CAMERA - REINSTALLED EXISTING SINGLE SENSOR
A222	A220	1	23-A-06	CLOCK LOCATION - FLUSH MOUNTED
A224	A220	1	23-A-07	DATA VOICE LOCATION - FLUSH MOUNTED
A224	A220	2	23-A-08/09	DATA VOICE LOCATION - FLUSH MOUNTED
A224	A220	2	23-A-10/11	DATA VOICE LOCATION - FLUSH MOUNTED
A224	A220	2	23-A-12/13	DATA VOICE LOCATION - FLUSH MOUNTED
A224	A220	1	23-A-14	CLOCK LOCATION - FLUSH MOUNTED
B212	A220	1	23-A-15	WALL PHONE LOCATION - SURFACE MOUNTED
B212	A220	2	23-A-16/17	DATA VOICE LOCATION - FLUSH MOUNTED
J204	A220	2	23-A-18/19	DATA VOICE LOCATION - SURFACE MOUNTED
J204	A220	2	23-A-20/21	DATA VOICE LOCATION - SURFACE MOUNTED
J204	A220	2	23-A-22/23	DATA VOICE LOCATION - SURFACE MOUNTED
J204	A220	1	23-A-24	CLOCK LOCATION - SURFACE MOUNTED
A224E	A220	1	23-A-25	CLOCK LOCATION - FLUSH MOUNTED
A224E	A220	2	23-A-26/27	DATA VOICE LOCATION - FLUSH MOUNTED
A224E	A220	2	23-A-28/29	DATA VOICE LOCATION - FLUSH MOUNTED
A514E	A220	1	23-A-30	CEILING PROJECTOR LOCATION
J204	A220	2	23-A-31/32	DATA VOICE LOCATION - SURFACE MOUNTED
A514A	A220	2	23-A-33/34	DATA VOICE LOCATION - FLUSH MOUNTED
A514A	A220	2	23-A-35/36	DATA VOICE LOCATION - FLUSH MOUNTED
A514A	A220	1	23-A-37	CLOCK LOCATION - FLUSH MOUNTED
A224K	A220	1	23-A-38	CLOCK LOCATION - SURFACE MOUNTED
A224K	A220	1	23-A-39	MONITOR LOCATION - FLUSH MOUNTED
A224J	A220	2	23-A-40/41	DATA VOICE LOCATION - FLUSH MOUNTED
A224J	A220	1	23-A-42	CLOCK LOCATION - FLUSH MOUNTED
A224J	A220	1	23-A-43	MONITOR LOCATION - FLUSH MOUNTED
A224F	A220	2	23-A-44/45	DATA VOICE LOCATION - FLUSH MOUNTED
A224F	A220	1	23-A-46	WALL PHONE LOCATION - SURFACE MOUNTED
A224F	A220	1	23-A-47	CLOCK LOCATION - FLUSH MOUNTED
A224	A220	1	23-A-48;23-B-01	CLOCK LOCATION - FLUSH MOUNTED
A224	A220	1	23-B-02	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
A224	A220	1	23-B-03	WIRELESS ACCESS POINT - CEILING MOUNTED - EXISTING
A224	A220	2	23-B-04/05	DATA VOICE LOCATION - FLUSH MOUNTED
A224	A220	2	23-B-06/07	DATA VOICE LOCATION - FLUSH MOUNTED
A224	A220	2	23-B-08/09	DATA VOICE LOCATION - FLUSH MOUNTED
A224	A220	1	23-B-10	SECURITY CAMERA - REINSTALLED EXISTING MULTI-SENSOR
A224	A220	2	23-B-11/12	DIGITAL SIGNAGE LOCATION - FLUSH MOUNTED
A224	A220	2	23-B-13/14	DIGITAL SIGNAGE LOCATION - FLUSH MOUNTED
A224A	A220	1	23-B-15	CLOCK LOCATION - FLUSH MOUNTED
A224A	A220	2	23-B-16/17	DATA VOICE LOCATION - FLUSH MOUNTED
A224B	A220	1	23-B-18	CLOCK LOCATION - FLUSH MOUNTED
A224B	A220	2	23-B-19/20	DATA VOICE LOCATION - FLUSH MOUNTED
A224C	A220	1	23-B-21	WALL PHONE LOCATION - FLUSH MOUNTED
A224C	A220	1	23-B-22	WIRELESS ACCESS POINT - CEILING MOUNTED - RELOCATED EXISTING
A224C	A220	1	23-B-23	DATA VOICE LOCATION - FLUSH MOUNTED
A224C	A220	1	23-B-24	CLOCK LOCATION - SURFACE MOUNTED
A224D	A220	1	23-B-25	WIRELESS ACCESS POINT - CEILING MOUNTED
A224D	A220	1	23-B-26	WALL PHONE LOCATION - FLUSH MOUNTED
A224D	A220	1	23-B-27	DATA VOICE LOCATION - FLUSH MOUNTED
A224D	A220	1	23-B-28	CLOCK LOCATION - SURFACE MOUNTED
A224F	A220	2	23-B-29/30	DATA VOICE LOCATION - FLUSH MOUNTED
A224F	A220	2	23-B-31	DATA VOICE LOCATION - FLUSH MOUNTED
Grand total		79		

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SCHMIDT
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Matthew Connolly
BICSI ID # 212593
EXPIRES 12-31-24
RCDD

#	Revision	Date
A2.3	Addendum 2.3	03/22/2023

1801 East 86th Street
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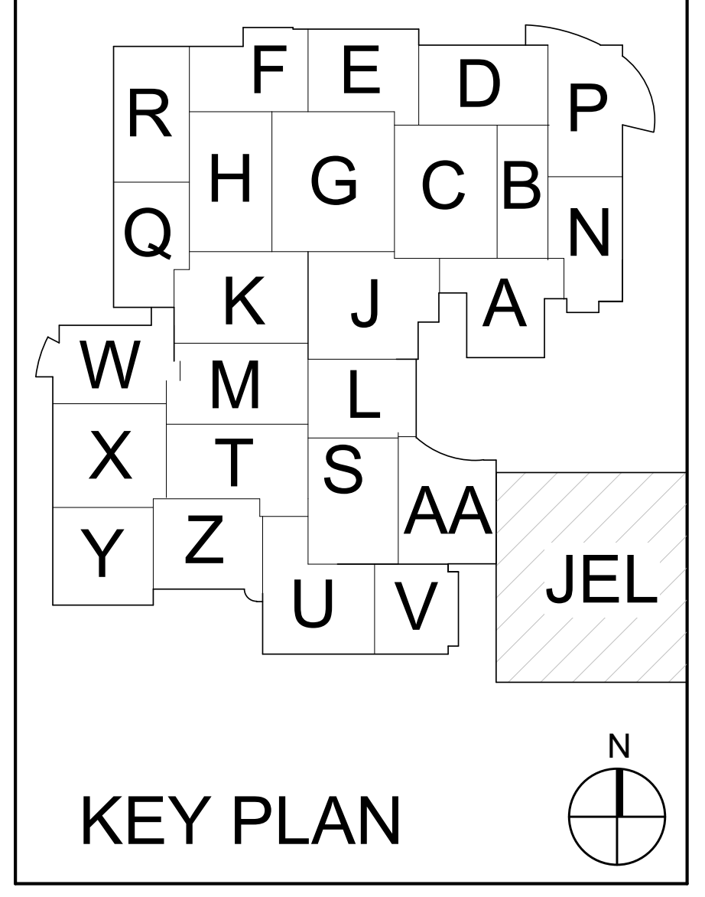

M.S.D. of Washington Township

North Central High School
Renovation - Additions
Phase 3

TELECOM SCHEDULES

T504.3