

ADDENDUM NO. 1

June 30, 2022

Greensburg Community Schools Additions to:

Greensburg Elementary School:	900 Big Blue Ave., Greensburg, IN 47240
Greensburg Jr. High School:	505 E. Central Ave. Greensburg, IN 47240

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 May 17, 2022, by Fanning/Howey. 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 1-1 through ADD 1-2 and attached Fanning/Howey's Addendum No. 1, dated June 30, 2022, **Greensburg Junior High School** consisting of 2 Pages, Addendum Drawings GD1.1, M-601, M-701, EP1A1, and E-601. Addendum No. 1, dated June 30, 2022, **Greensburg Elementary School** consisting of 2 Pages, Addendum Drawings A9.01 and E101.

GENERAL NOTE

1. Below is the link for the Virtual Bid Opening, which Bids are due July 7, 2022, at 2:00PM (local time) at Greensburg Community School Corporation, Board Room, 1312 W. Westridge Parkway, Greensburg, IN 47240.

Microsoft Teams meeting

Join on your computer or mobile app

[Click here to join the meeting](#)

Or join by entering a meeting ID

Meeting ID: 291 039 420 826

2. Project Manual Volume 1 – Divisions 0 & 1
Project Manual Volume 2 – Divisions 2 – 33 (**Elementary School**)
Project Manual Volume 3 – Divisions 2 – 33 (**Junior High School**)

A. **SPECIFICATION SECTION 00 00 00 PROJECT MANUAL COVER**

1. Reissued Volume 2 cover sheet is attached herein.
2. Reissued Volume 3 cover sheet is attached herein.

B. **SPECIFICATION SECTION 00 00 10**

1. Revise Construction Manager contact phone number to “**Phone: 317-694-5434**”

C. **SPECIFICATION SECTION 01 12 00 MULTIPLE CONTRACT SUMMARY**

1. Paragraph 3.03 Bid Categories

A. Bid Category No. 1 – General Trades (JR High)

Delete the following specification section:

07 91 00 – Preformed Joint Seals

PROJECT MANUAL

Construction Documents

**Additions to Greensburg
Elementary & Greensburg Jr. High
School**

**Greensburg Community School
Corporation**




**FANNING
HOWEY**

PROJECT NO. 221040.2
ARCHITECT'S PROJECT NO. 221055
May 17, 2022

VOLUME 2 – Elementary School - DIVISIONS 2 - 33

PROJECT MANUAL

Construction Documents

**Additions to Greensburg
Elementary & Greensburg Jr. High
School**

**Greensburg Community School
Corporation**




**FANNING
HOWEY**

PROJECT NO. 221040.2
ARCHITECT'S PROJECT NO. 221055
May 17, 2022

VOLUME 3 – Jr. High School - DIVISIONS 2 - 33

ADDENDUM NO. 1

Greensburg Elementary School Classroom Addition

Greensburg Community School Corporation
Greensburg, Indiana

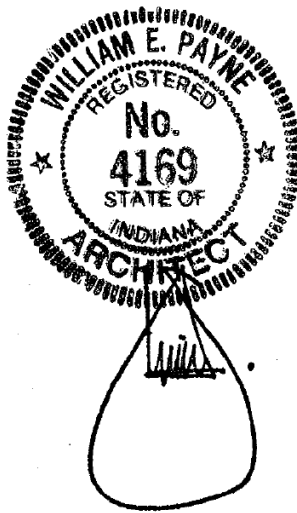
Project No. 221055.01

Index of Contents

Addendum No. 1, 1 item, 1 page
Revised Drawing Sheets: A9.01 and E101

Date: June 30, 2022

FANNING/HOWEY ASSOCIATES, INC.
ARCHITECTS/ENGINEERS/CONSULTANTS



William E. Payne, AIA
Indiana Registration No. 4169

TO: ALL BIDDERS OF RECORD

ADDENDUM NO. 1 to Drawings and Project Manual, dated May 17, 2022, for Greensburg Elementary School Classroom Addition, Greensburg Community School Corporation, Greensburg, Indiana 47240; as prepared by Fanning/Howey Associates, Inc., Indianapolis, Indiana.

This Addendum shall hereby be and become a part of the Contract Documents the same as if originally bound thereto.

The following clarifications, amendments, additions, revisions, changes, and modifications change the original Contract Documents only in the amount and to the extent hereinafter specified in this Addendum.

Each bidder shall acknowledge receipt of this Addendum in his proposal or bid.

NOTE: Bidders are responsible for becoming familiar with every item of this Addendum. (This includes miscellaneous items at the very end of this Addendum.)

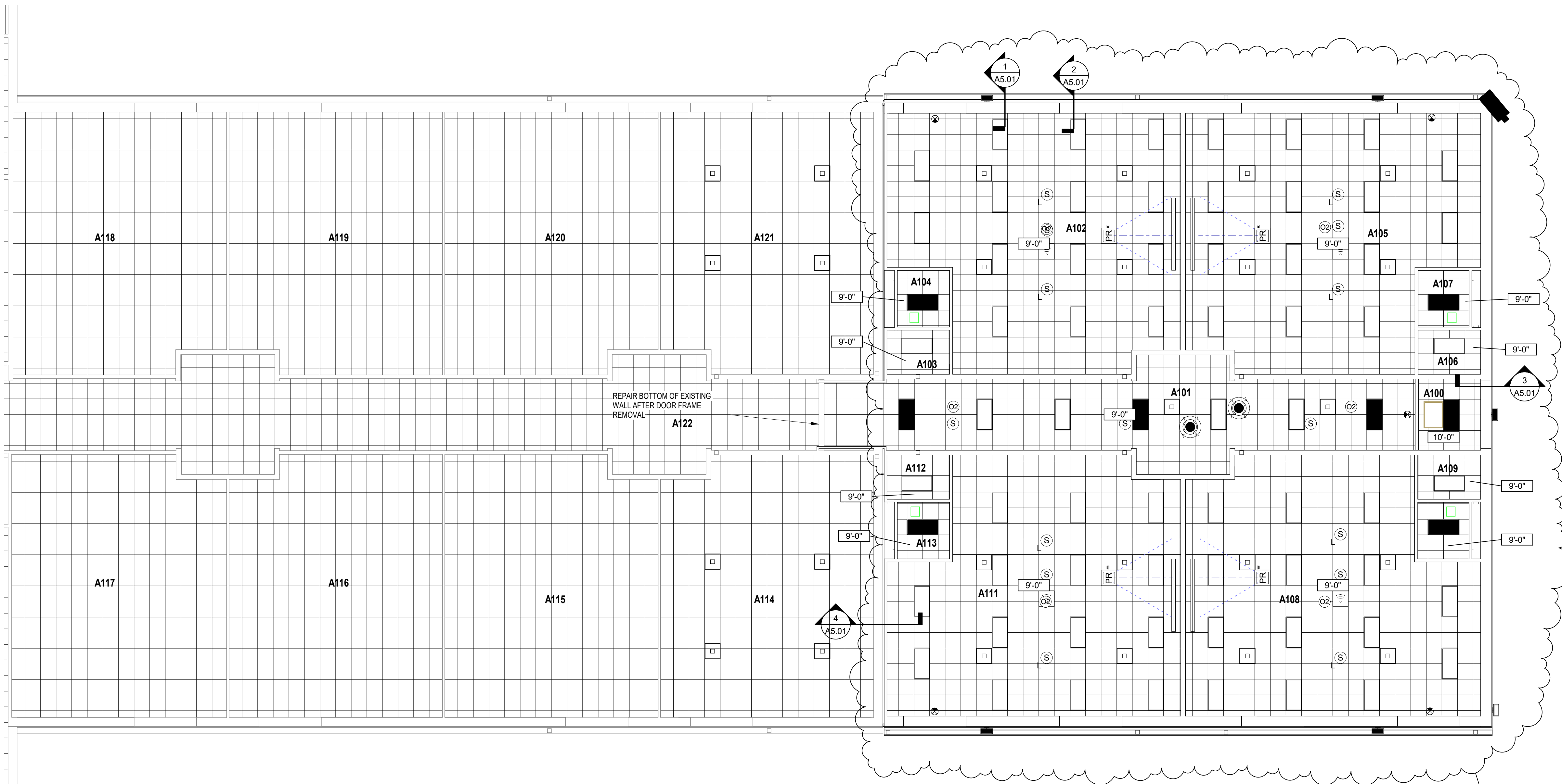
RE: ALL BIDDERS

ITEM NO. 1. REVISED DRAWING SHEETS

- A. Drawing Sheets: A9.01 and E101 have been revised, dated 6/30/22 and are included with and hereby made a part of this Addendum. These Drawings supersede the original documents.

END OF ADDENDUM

\\data\california\profiles\Shaughnump_profile\documents\221055.01_Arch_1\vaughn@fhai.com.rvt
6/30/2022 10:17:42 AM



UNIT A - REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

ROOM LEGEND - UNIT A		
ROOM NO.	ROOM NAME	AREA (SF)
A100	VESTIBULE	73 SF
A101	CORRIDOR	759 SF
A102	CLASSROOM	1126 SF
A103	STO.	46 SF
A104	RR	49 SF
A105	CLASSROOM	1132 SF
A106	STO.	46 SF
A107	RR	47 SF
A108	CLASSROOM	1132 SF
A109	STO.	46 SF
A110	RR	49 SF
A111	CLASSROOM	1126 SF
A112	STO.	46 SF
A113	RR	49 SF
A114	2ND GRADE (EXISTING)	903 SF
A115	2ND GRADE (EXISTING)	902 SF
A116	2ND GRADE (EXISTING)	903 SF
A117	2ND GRADE (EXISTING)	909 SF
A118	LEARNING RESOURCE (EXISTING)	903 SF
A119	2ND GRADE (EXISTING)	902 SF
A120	2ND GRADE (EXISTING)	902 SF
A121	2ND GRADE (EXISTING)	899 SF
A122	CORRIDOR (EXISTING)	1346 SF

REFLECTED CEILING PLAN LEGEND

A. PROVIDE REVEAL DRYWALL TRIM AT ALL LOCATIONS WHERE GYPSUM WALL BOARD (GWB) ABUTS A DISSIMILAR MATERIAL. TYPICAL UNLESS NOTED OTHERWISE. REFER TO DETAIL ??A9.1.

B. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT TO THE ROOF DECK

REFLECTED CEILING PLAN NOTES
(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

REFLECTED CEILING PLAN LEGEND

10'-4" INDICATES ELEVATION HEIGHT

9'-0" INDICATES CEILING HEIGHT

A 9'-0" INDICATES ACOUSTIC PANEL CEILING TYPE AND HEIGHT. REFER TO PROJECT MANUAL FOR "TYPE"

- LIGHT FIXTURE - REFER TO ELECTRICAL DRAWINGS
- LIGHT FIXTURE - REFER TO ELECTRICAL DRAWINGS
- LIGHT FIXTURE - REFER TO ELECTRICAL DRAWINGS
- CLOCK - REFER TO TECHNOLOGY DRAWINGS
- MECHANICAL DIFFUSER - REFER TO MECHANICAL DRAWINGS
- MECHANICAL RETURN AIR GRILLE - REFER TO MECHANICAL DRAWINGS
- CEILING MOUNTED MECHANICAL UNIT - REFER TO MECHANICAL DRAWINGS
- MECHANICAL UNIT HEATER - REFER TO MECHANICAL DRAWINGS
- RECESSED CEILING SPEAKER
- MOTION DETECTOR
- CEILING MOUNTED EXIT LIGHT
- CEILING MOUNTED CAMERA
- WIRELESS ACCESS POINT (WAP)
- CONTROL JOINT IN GYPSUM BOARD CEILING OR BULKHEAD
- SOUND REINFORCEMENT SPEAKER
- FIRE ALARM HEAT DETECTOR
- FIRE ALARM HORN STROBE
- FIRE ALARM SPEAKER STROBE
- FIRE ALARM STROBE
- FIRE ALARM SMOKE DETECTOR
- OCCUPANCY SENSOR

- ACOUSTICAL CEILING TILE (ACT)
- ACOUSTICAL CEILING TILE (ACT)
- GYPSUM WALL BOARD BULKHEAD / CEILING EXTERIOR FINISH SYSTEM (E.F.S.) EXTERIOR INSULATION FINISH SYSTEM (E.I.F.S.)
- INTERIOR FINISH SYSTEM (I.F.S.)
- METAL SOFFIT PANELS

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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GREENSBURG ELEMENTARY SCHOOL CLASSROOM ADDITION

900 Big Blue Ave,
Greensburg, IN 47240

Greensburg Community
School Corporation

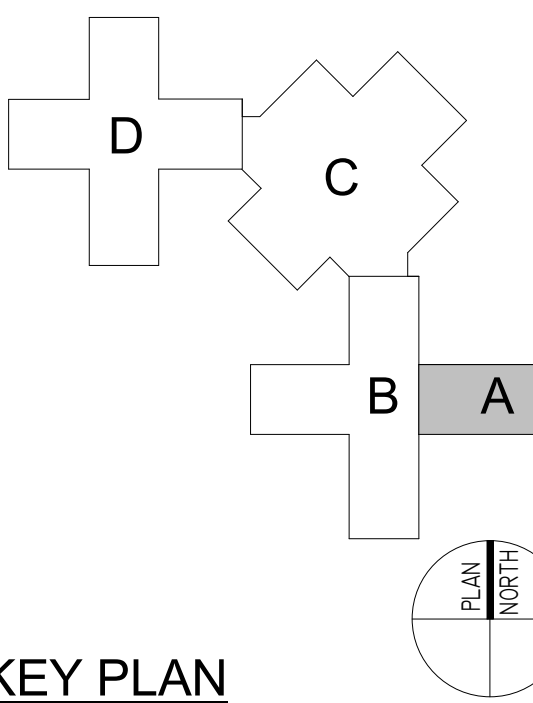


ARCHITECT

FANNING
HOWEY

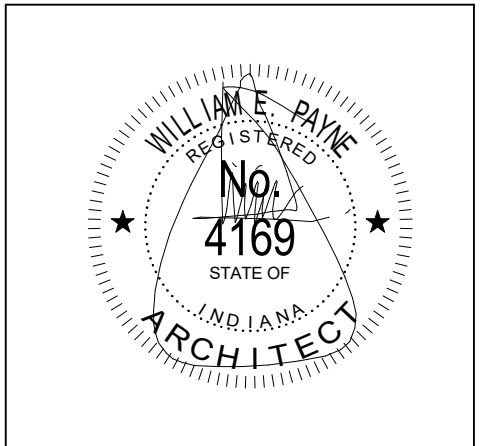
317-848-0966 WWW.FHAI.COM

CONSULTANT



KEY PLAN

CONSTRUCTION DOCUMENTS

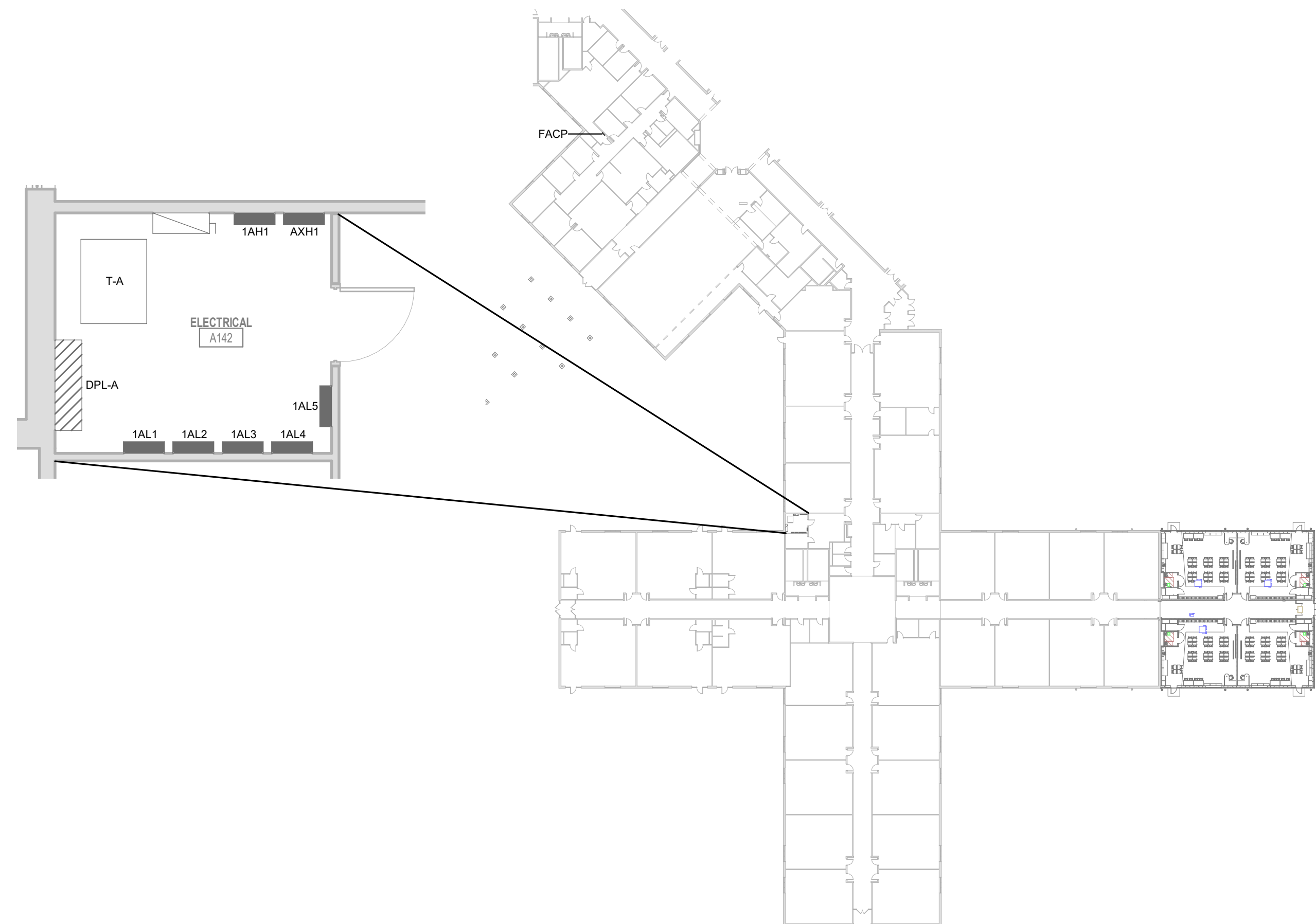


PROJECT MANAGER: MKS
DRAWN BY: TPV
PROJECT NUMBER: 221055.01
PROJECT ISSUE DATE: 5-17-2022

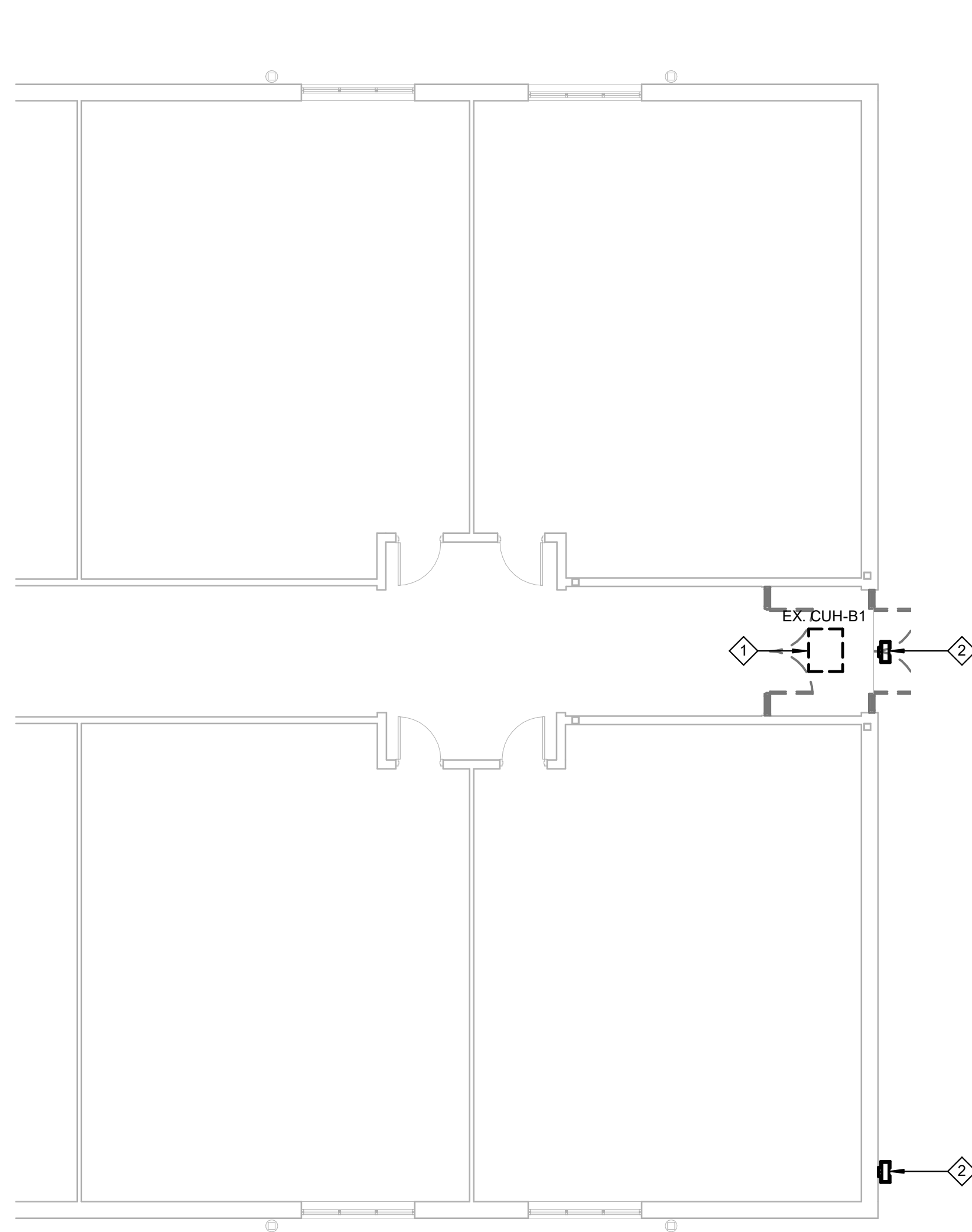
REV. NO.	DESCRIPTION	DATE
1	Addendum #1	6/30/2022

UNIT A - FIRST FLOOR REFLECTED
CEILING PLAN

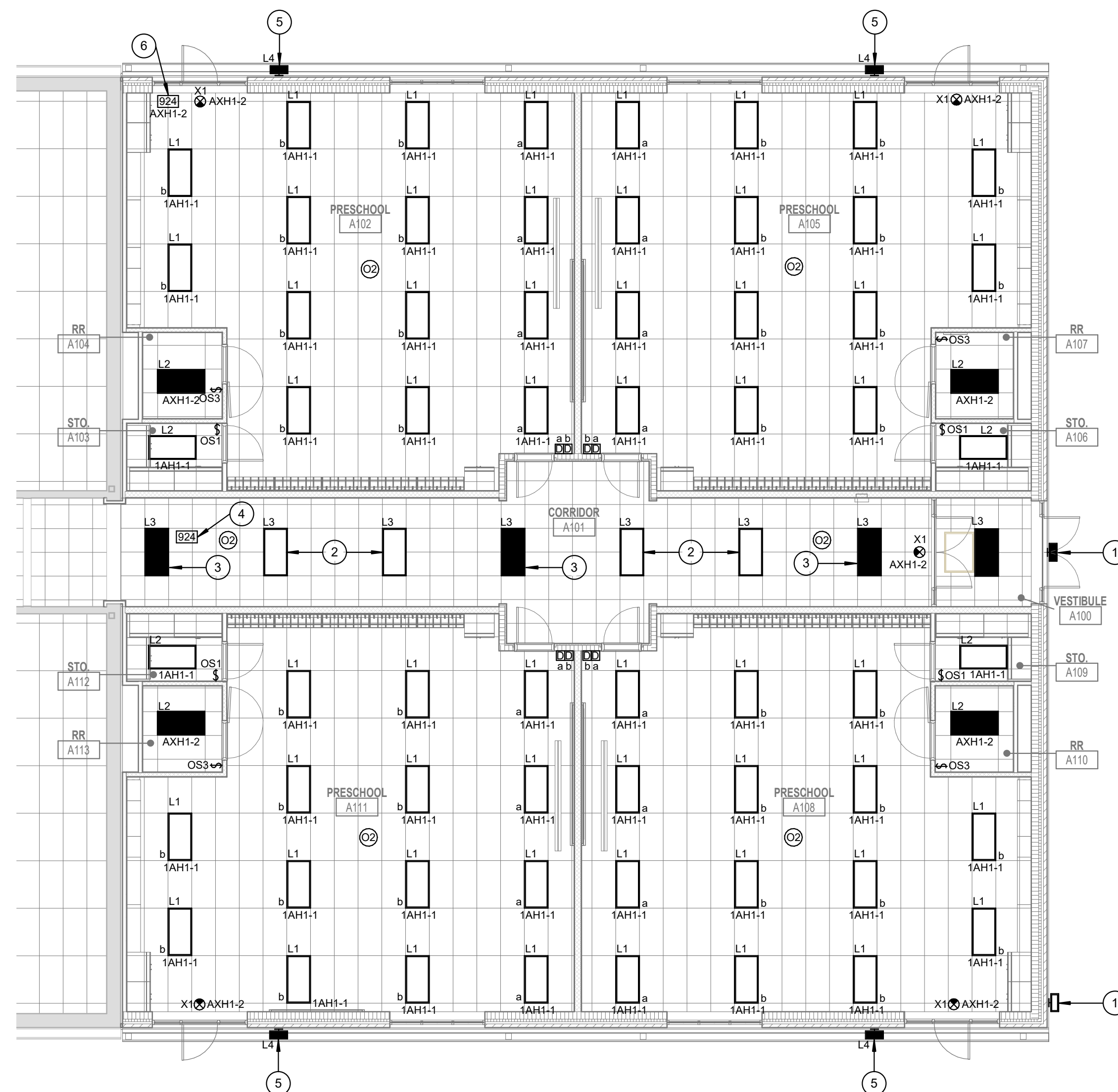
A9.01



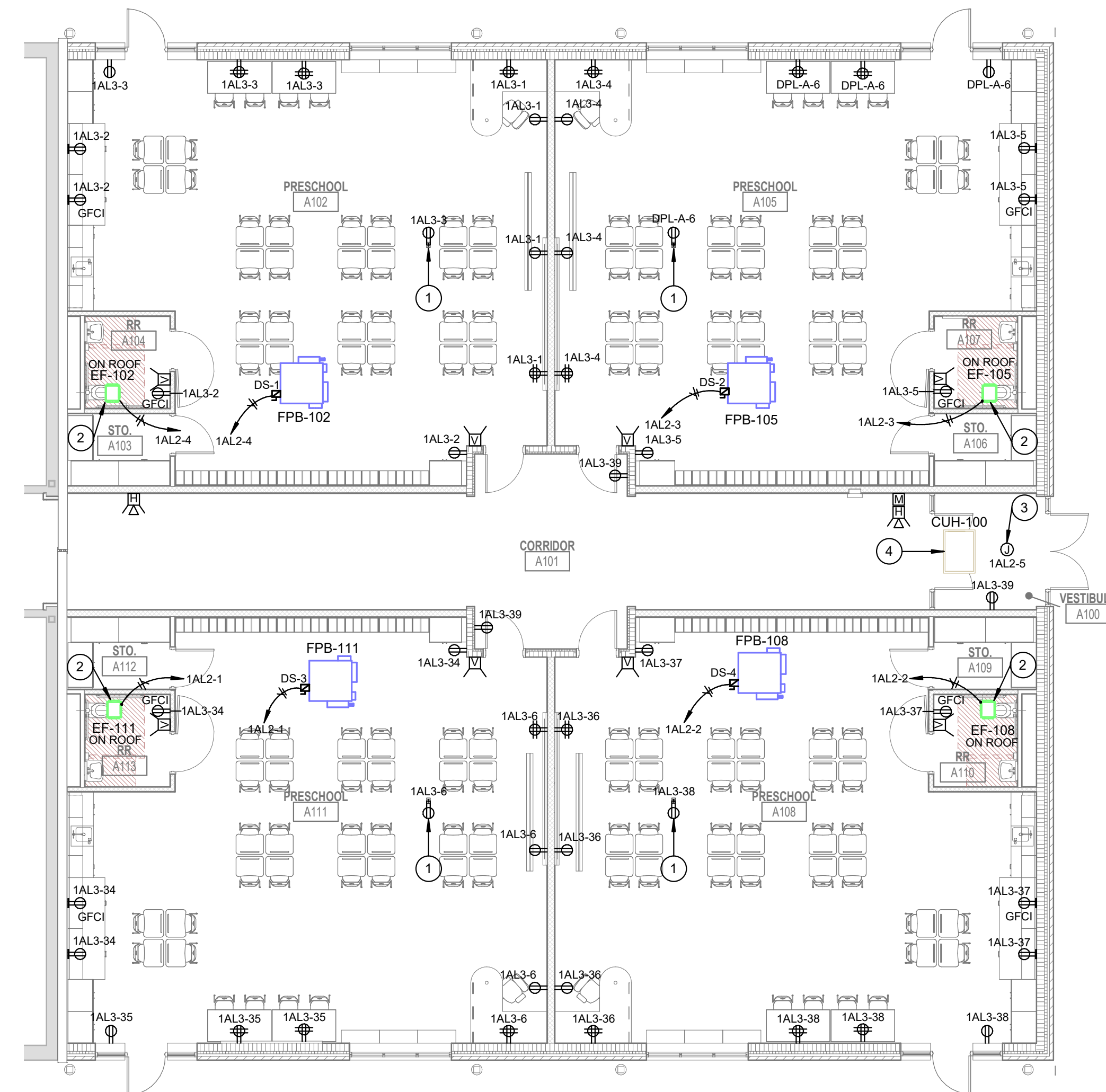
4 FIRST FLOOR POWER PLAN - UNIT A, B & C
1" = 50'-0"



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



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



1 PARTIAL FIRST FLOOR POWER PLAN - UNIT A
1/8" = 1'-0"

GENERAL NOTES	
#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.
B	E.C. IS RESPONSIBLE FOR REMOVING AND REPLACING CEILING TILES TO RUN NEW BRANCH CIRCUITS BACK TO ELECTRICAL ROOM.

DEMOLITION PLAN NOTES	
#	NOTES
1	DISCONNECT EQUIPMENT INDICATED AND MAINTAIN CIRCUIT FOR EXTENSION TO NEW EQUIPMENT LOCATION.
2	DISCONNECT AND SALVAGE LIGHT FIXTURE INDICATED. MAINTAIN CIRCUIT FOR EXTENSION TO RELOCATED LIGHT FIXTURE.

LIGHTING PLAN NOTES	
#	NOTES
1	RELOCATED LIGHT FIXTURE. EXTEND ORIGINAL CIRCUIT TO NEW LOCATION (1DPH2-14, PANELBOARD LOCATED IN ELECTRICAL RM 125 IN UNIT D).
2	EXTEND EXISTING HALLWAY CIRCUIT TO FEED NEW LIGHT FIXTURE.
3	EXTEND EXISTING HALLWAY NORMAL AND EMERGENCY CIRCUIT TO FEED NEW LIGHT FIXTURE.
4	UL924 GENERATOR TRANSFER DEVICE. SEE SHEET E-501 FOR ADDITIONAL INFORMATION.
5	CONNECT FIXTURE INDICATED TO BUILDING LIGHTING CIRCUIT SERVING THIS WING (1DPH2-14, PANELBOARD LOCATED IN ELECTRICAL RM 125 IN UNIT D). CONNECT CIRCUIT TO UPSTREAM GTD.
6	GTD SERVING EXTERIOR EGRESS LIGHTING. EMERGENCY CIRCUIT LISTED ADJACENT GTD DEVICE.

POWER PLAN NOTES	
#	NOTES
1	PROJECTOR CEILING RECEPTACLE. COORDINATE EXACT LOCATION WITH DIVISION 27 CONTRACTOR.
2	CONNECT FAN CIRCUIT TO OCCUPANCY SENSOR AUXILIARY CONTACT.
3	120V CONNECTION FOR DOOR POWER SUPPLY.
4	EXTEND CIRCUIT THAT WAS MAINTAINED DURING DEMOLITION TO EQUIPMENT INDICATED.

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GREENSBURG ELEMENTARY SCHOOL CLASSROOM ADDITION

900 Big Blue Ave,
Greensburg, IN 47240

Greensburg Community
School Corporation



ARCHITECT

**FANNING
HOWEY**

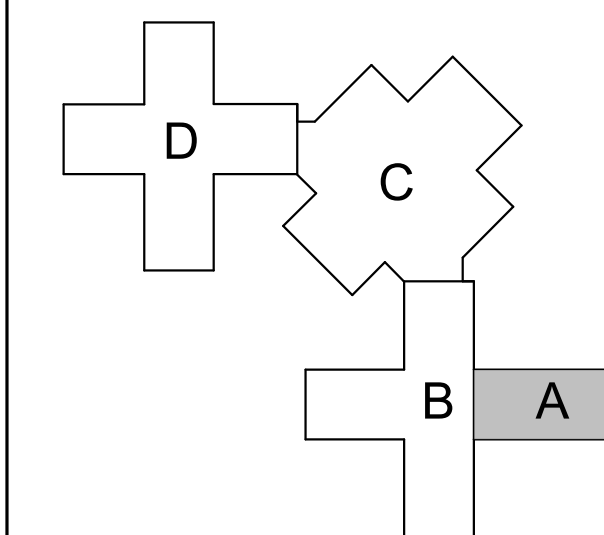
317-848-0966

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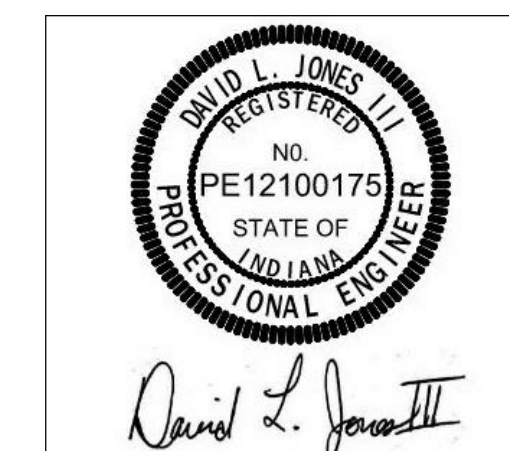
CONSULTANT



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201 S Rural St., Suite 201,
Indianapolis, IN 46201 • 462-777-8182
www.creativeng.net



KEY PLAN



PROJECT MANAGER: MKS
DRAWN BY: DLJ
PROJECT NUMBER: 221055.01
PROJECT ISSUE DATE: 05-17-2022

REV. NO.	DESCRIPTION	DATE
1	Addendum #1	06-30-2022

ELECTRICAL PLAN

E101

ADDENDUM NO. 1

Greensburg Junior High School
Greensburg Community School Corporation
Greensburg, Indiana

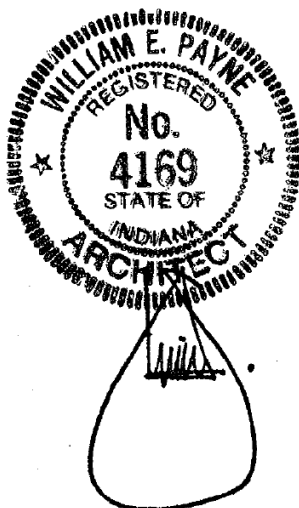
Project No. 221055.02

Index of Contents

Addendum No. 1, 5 items, 1 page
Revised Drawing Sheets: GD1.1, M-601, M-701, EP1A1, and E-601

Date: June 30, 2022

FANNING/HOWEY ASSOCIATES, INC.
ARCHITECTS/ENGINEERS/CONSULTANTS



William E. Payne, AIA
Indiana Registration No. 4169

TO: ALL BIDDERS OF RECORD

ADDENDUM NO. 1 to Drawings and Project Manual, dated May 17, 2022, for Greensburg Junior High School, Greensburg Community School Corporation, Greensburg, Indiana 47240; as prepared by Fanning/Howey Associates, Inc., Indianapolis, Indiana.

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NOTE: Bidders are responsible for becoming familiar with every item of this Addendum. (This includes miscellaneous items at the very end of this Addendum.)

RE: ALL BIDDERS

ITEM NO. 1. PROJECT MANUAL, TABLE OF CONTENTS

- A. Page 00 01 10-2, DIVISION 07: Delete Section 07 91 00 – Preformed Joint Seals.

ITEM NO. 2. PROJECT MANUAL, SECTION 07 91 00 – PREFORMED JOINT SEALS

- A. Delete this Section in its entirety.

ITEM NO. 3. PROJECT MANUAL, SECTION 23 11 23 – FACILITY NATURAL GAS PIPING

- A. Paragraph 3.6, ADD sub-paragraph:

“D. Pipe Supports for Horizontal Piping on Roof:

Support horizontal piping with roller-bearing pipe supports: Miro Industries model 3-R-2 or approved equal.”

ITEM NO. 4. REVISED DRAWING SHEETS

- A. Drawing Sheets: GD1.1, M-601, M-701, EP1A1, and E-601 have been revised, dated 6/30/22 and are included with and hereby made a part of this Addendum. These Drawings supersede the original documents.

ITEM NO. 5. DRAWING SHEET A8S.01

- A. List of Finishes, Ceiling Finishes, ACT-2: Change color selection column to read as follows:

“White/Sq. Tegular/2’x2’/4” Axiom Trim to match Armstrong standard color “Rainstorm”, grid to be standard white”

END OF ADDENDUM

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ROOFTOP AIR HANDLING UNIT SCHEDULE															
IDENTITY DATA				WEIGHT (LBS)	UNIT SIZE			SUPPLY FAN							
MARK	MANUFACTURER	MODEL	AREA SERVED		L	W	H	AIRFLOW (CFM)	NOMINAL TONS	ESP (IN-WG)	TSP (IN-WG)	RPM	QTY	MOTOR	
													HP EACH	BRAKE HP EACH	
RTU-1	TRANE	OABD072A3	INNOVATION LAB	1,400	119	52	55	1,600	5	1	1.43	1,751	1	4.10	0.63
RTU-2	TRANE	OABD060A3	MAKER SPACE	1,368	119	52	55	1,300	4	1	1.46	1,638	1	4.10	0.52
RTU-3	TRANE	OABD084A3	MEDIA CENTER	1,428	119	52	55	1,800	5.5	1	1.69	1,939	1	4.10	0.85

ROOFTOP AIR HANDLING UNIT SCHEDULE (CONTINUED)																				
		GAS HEATING DATA					DX COOLING DATA							ELECTRICAL DATA						
MARK	OUTSIDE AIR (CFM)	INPUT (BTUH)	OUTPUT (BTUH)	STAGES	EDB (°F)	LDB (°F)	LOAD (BTUH)	SENSIBLE LOAD (BTUH)	EDB (°F)	EWB (°F)	LDB (°F)	LWB (°F)	EER	REFRIG.	VOLTS (V)	PHASE	FREQ (HZ)	MCA (A)	MOCP (A)	NOTES
RTU-1	650	125,000	100,000	2	36.0	93.6	74,100	48,300	81.5	68.5	78.8	63.1	12.9	R-410A	208	3	60	40.2	60	1.3-13
RTU-2	510	100,000	80,000	2	40.2	97.3	62,700	40,100	81.8	68.8	74.3	61.3	12.9	R-410A	208	3	60	35.8	50	1.3-13
RTU-3	875	125,000	100,000	2	34.5	85.4	86,400	56,900	83.2	69.3	77.8	63.5	12.2	R-410A	208	3	60	43.7	60	2-13

DUCT SILENCER SCHEDULE - 23 33 00											MIN INSERTION LOSSES									
IDENTITY DATA					DIMENSIONS				AIRFLOW DATA			(BY OCTAVE BAND)								
MARK	MANUFACTURER	MODEL	EQUIPMENT SERVED	DUCT SYSTEM	WEIGHT (LBS)	H	W	L	AIRFLOW (CFM)	APD (IN-WG)	FACE VELOCITY (FPM)	1	2	3	4	5	6	7	8	NOTES
RA-1	PRICE	RM36	RTU-1	RETURN	75	12"	24"	36"	1,600	0.06	900	5.0	7.0	12.0	24.0	29.0	22.0	17.0	16.0	1-3
RA-2	PRICE	RM36	RTU-2	RETURN	70	12"	22"	36"	1,300	0.06	900	5.0	7.0	12.0	24.0	29.0	22.0	17.0	16.0	1-3
RA-3	PRICE	RM36	RTU-3	RETURN	85	14"	28"	36"	1,800	0.06	900	5.0	7.0	12.0	24.0	29.0	22.0	17.0	16.0	1-3

DUST COLLECTOR SCHEDULE													
IDENTITY DATA				FAN DATA							SOUND CRITERIA		
MARK	MANUFACTURER	MODEL	SERVICES	WEIGHT (LBS)	FAN TYPE	DRIVE TYPE	AIRFLOW (CFM)	ESP (IN-WG)	RPM	HP	BHP	SONES	DBA
DC-1	JET	DC-1100VX	MAKER SPC	24	CENTRIFUGAL	DIRECT	1,100	10"	1750	1.50	1.00		70
													230
													PH
													FREQ (HZ)
													UNIT CONTROL
													NOTES
													1-3

233713 DIFFUSERS, REGISTERS, AND GRILLES									
IDENTITY DATA				NECK SIZE (IN)	MODULE SIZE		MATERIAL	NOTES	
MARK	DESCRIPTION	MANUFACTURER	MODEL		W	L			
RG8/6	LOUVER FACE RETURN GRILLE	TITUS	23RL		6"	8"			
RG38/10	LOUVER FACE RETURN GRILLE	TITUS	23RL		10"	38"			
RG48/12	LOUVER FACE RETURN GRILLE	TITUS	23RL		12"	48"			
SD6	SQUARE CONE DIFFUSER	PRICE	ASCD4	6"	24"	24"			
SD8	SQUARE CONE DIFFUSER	PRICE	ASCD4	8"	24"	24"			
SDG10	SPRIAL DUCT GRILLE	PRICE	SDGE		4"	10"			
SDG14	SPRIAL DUCT GRILLE	PRICE	SDGE		6"	12"			
SDG16	SPRIAL DUCT GRILLE	PRICE	SDGE		6"	12"			
SDG18	SPRIAL DUCT GRILLE	PRICE	SDGE		6"	12"			

ROOFTOP AIR HANDLING UNIT SCHEDULE NOTES

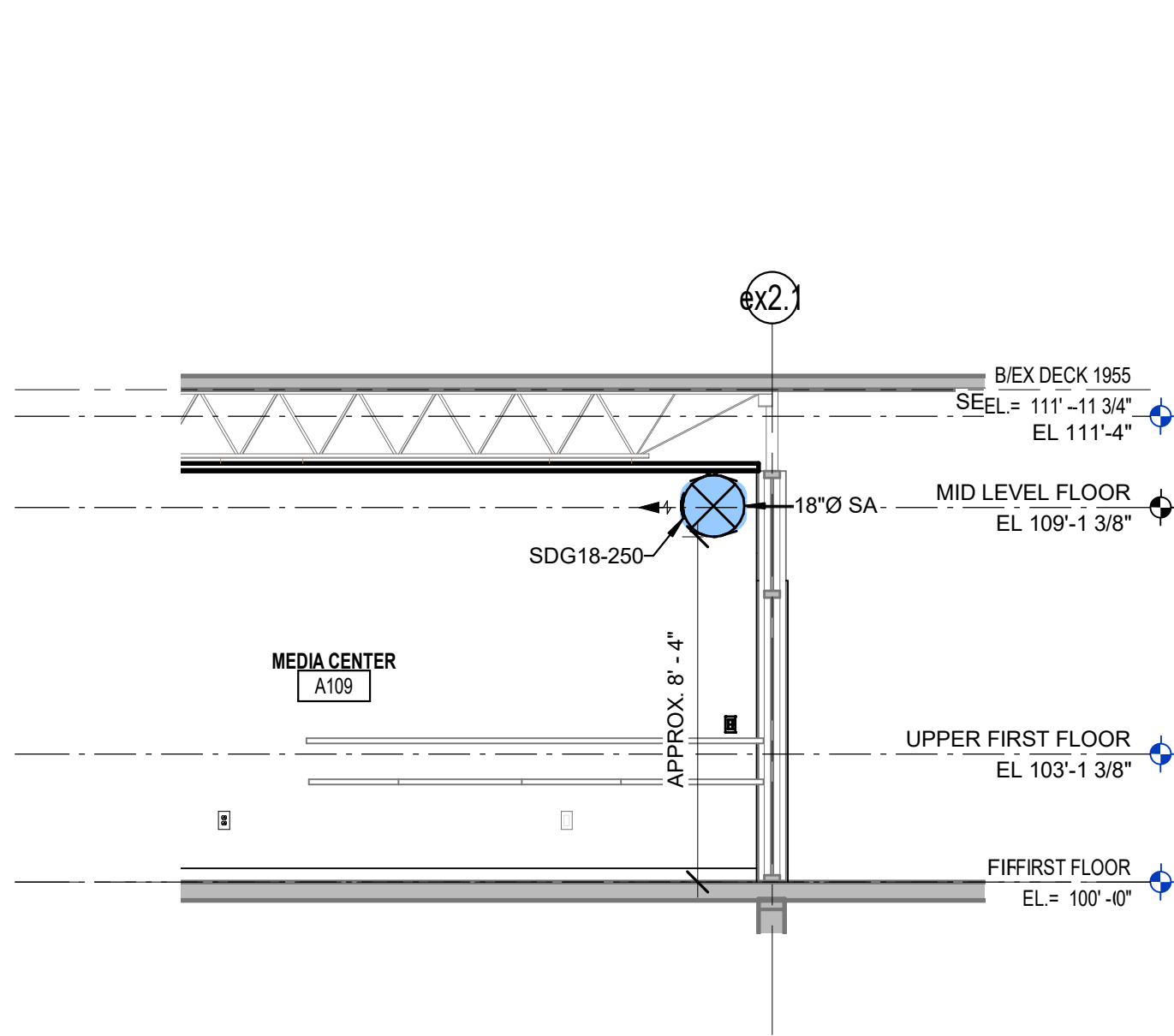
- 24" INSULATED ROOF CURB
- 20" INSULATED ROOF CURB
- ENTHALPY ECONOMIZER
- MANUFACTURER PROVIDED FUSED DISCONNECT.
- BAROMETRIC RELIEF.
- DUAL COMPRESSOR.
- COVENIENCE OUTLET
- BACNET COMMUNICATION CARD
- DOUBLE WALL CONSTRUCTION
- HOT GAS REHEAT AND DEHUMIDIFICATION SEQUENCE
- DIGITAL SCROLL COMPRESSOR PRIMARY CIRCUIT
- CONDENSER HAIL GUARD
- INTERLACED EVAPORATOR

DUCT SILENCER SCHEDULE NOTES

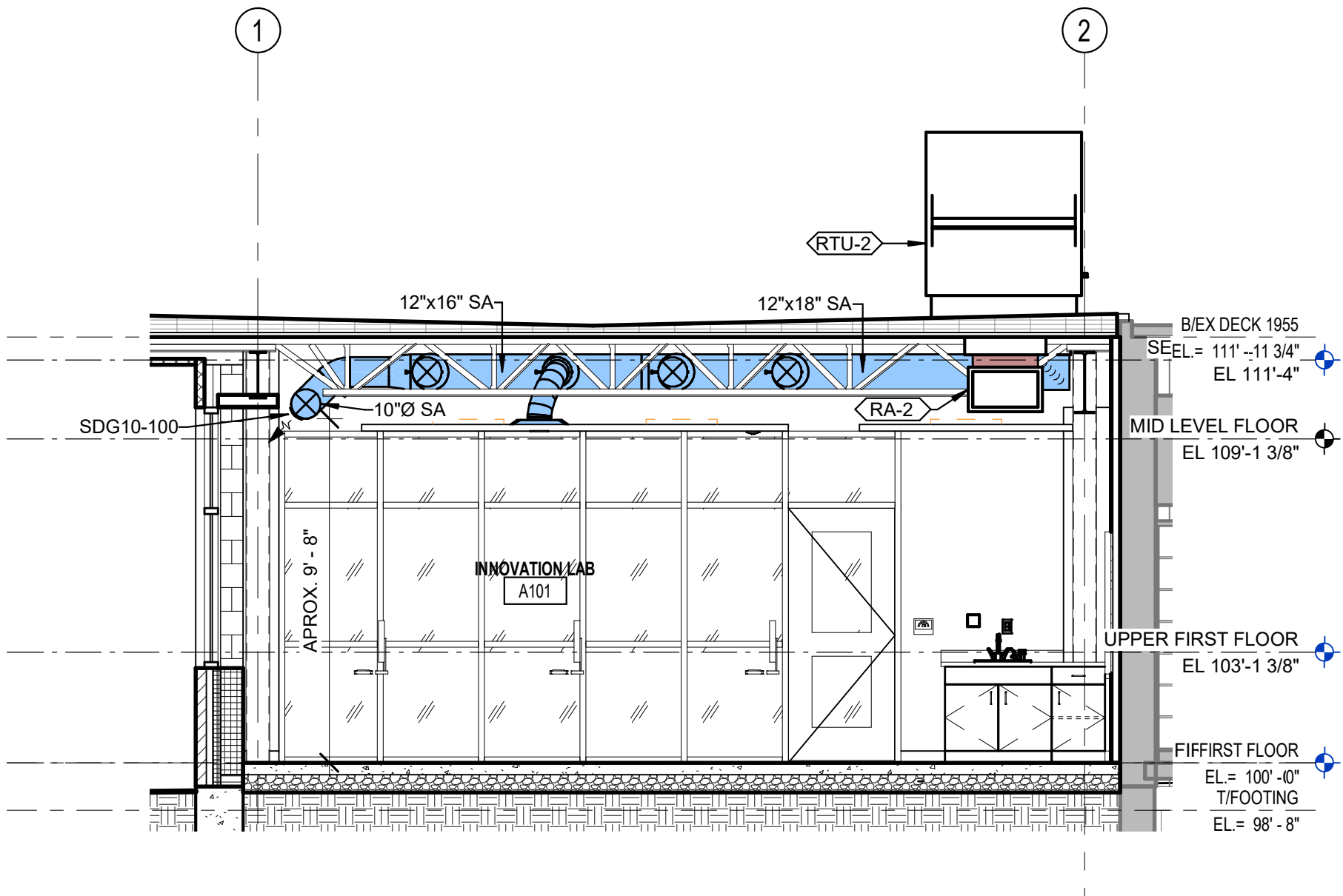
- BALANCED PERFORMANCE 'M' GEOMETRY
- 22 GAUGE GALVANIZED
- 36" LENGTH STRAIGHT

DUST COLLECTOR SCHEDULE NOTES

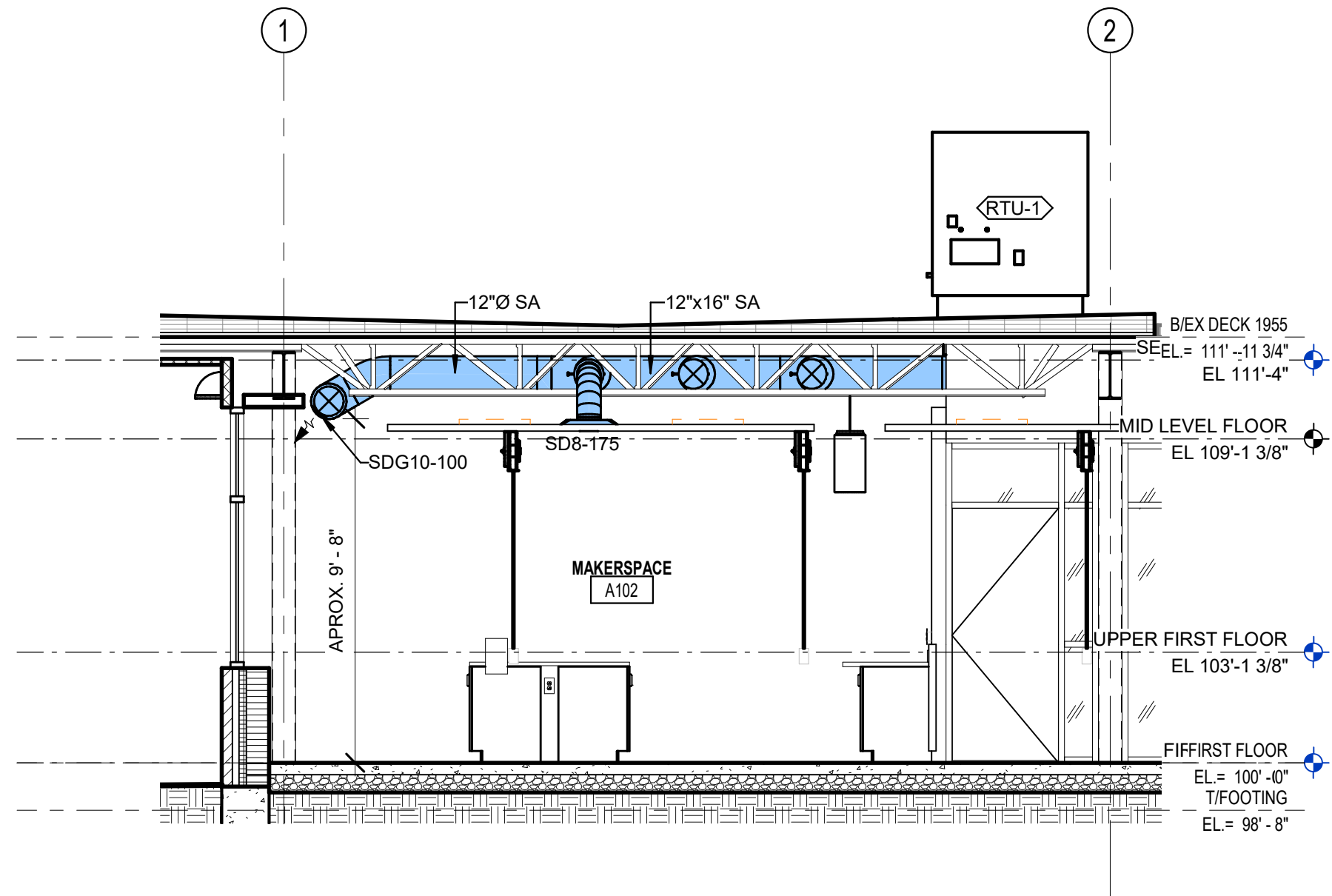
- DISCONNECT BY MANUFACTURER. HARD WIRED BY EC.
- FULLY ASSEMBLED AND OPERATIONAL BY CONTRACTOR
- BAG FILTER KIT (5 MICRON)



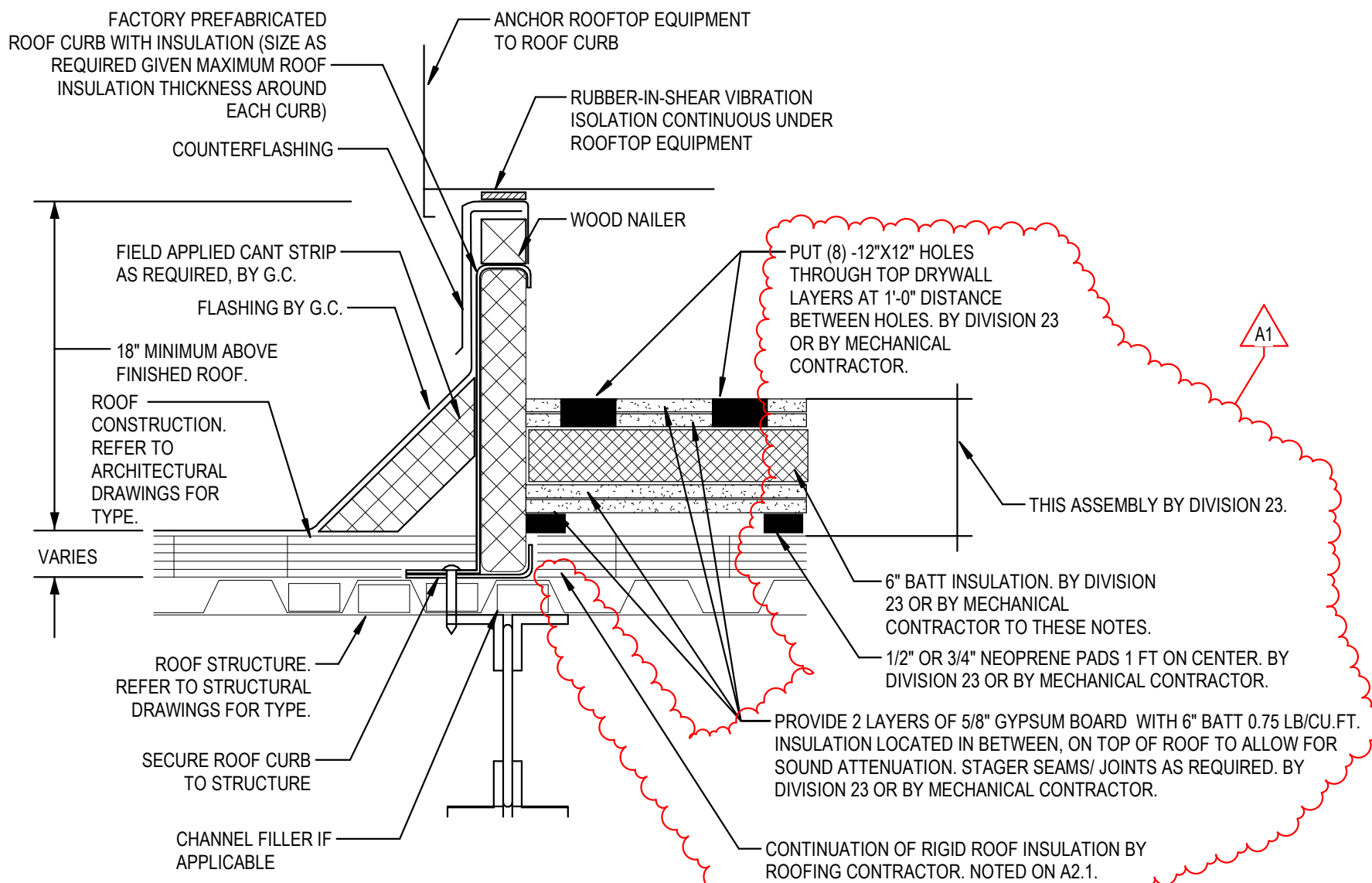
6 MEDIA CENTER DUCTWORK
1/4" = 1'-0"



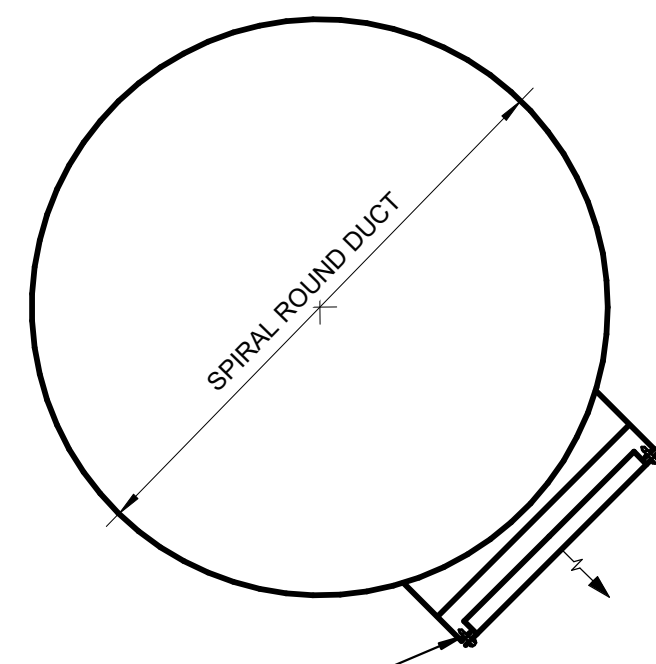
5 RTU-2 SECTION
1/4" = 1'-0"



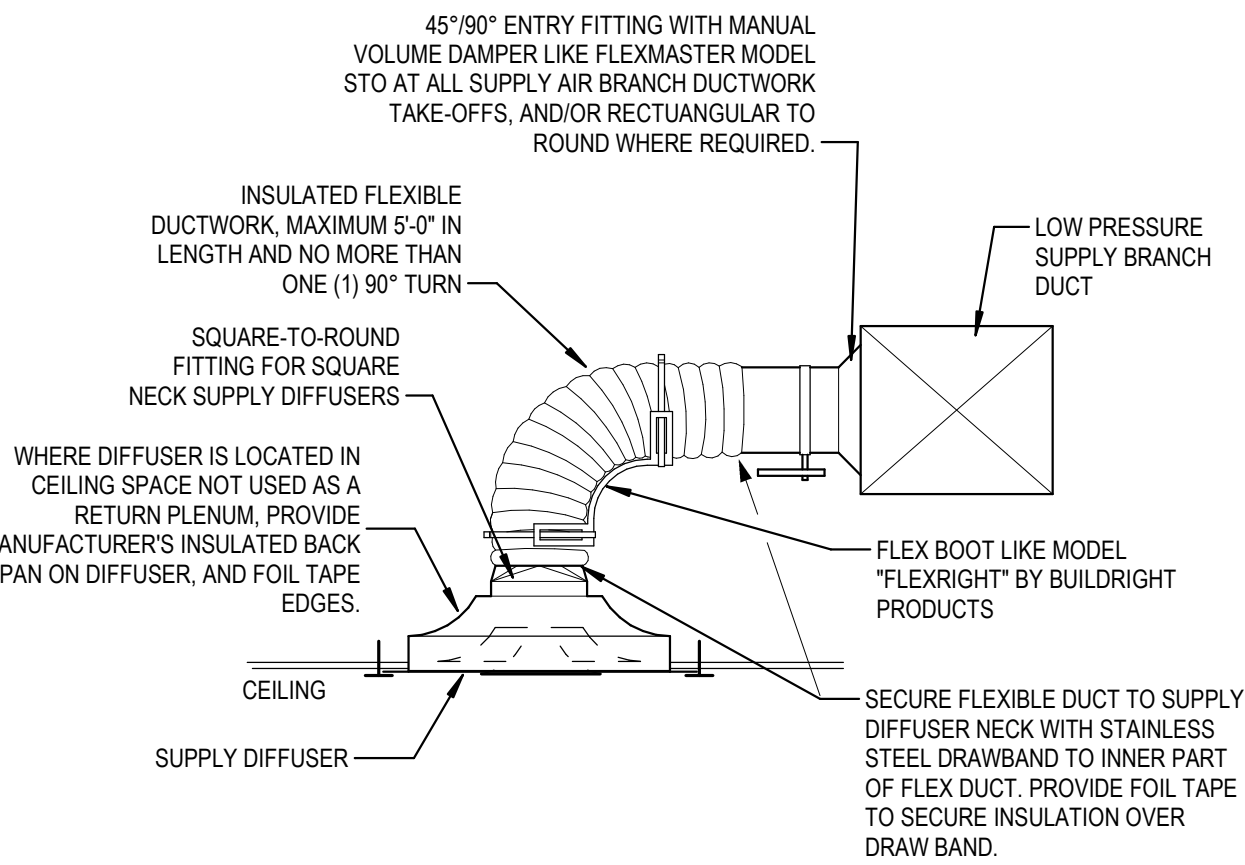
4 RTU-1 SECTION
1/4" = 1'-0"



3 ROOF TOP UNIT EQUIPMENT SUPPORT CURB DETAIL
NOT TO SCALE



2 DRUM LOUVER MOUNTING DETAIL
NOT TO SCALE



1 SUPPLY DIFFUSER FLEXIBLE DUCT CONNECTION DETAIL
NOT TO SCALE

GREENSBURG JUNIOR HIGH SCHOOL

505 E Central Ave.
Greensburg, IN 47240

Greensburg Community
School Corporation



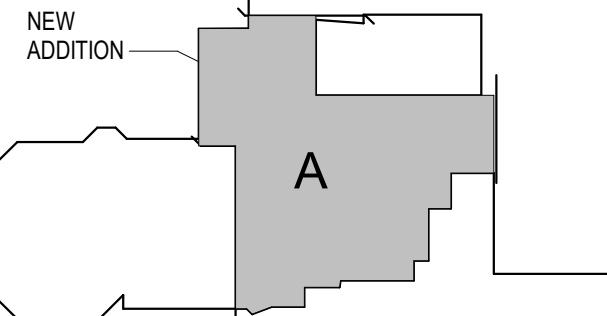
ARCHITECT



317.849.0966

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CONSULTANT



KEY PLAN



PROJECT MANAGER: MKS

DRAWN BY: GSC

PROJECT NUMBER: 221055.02

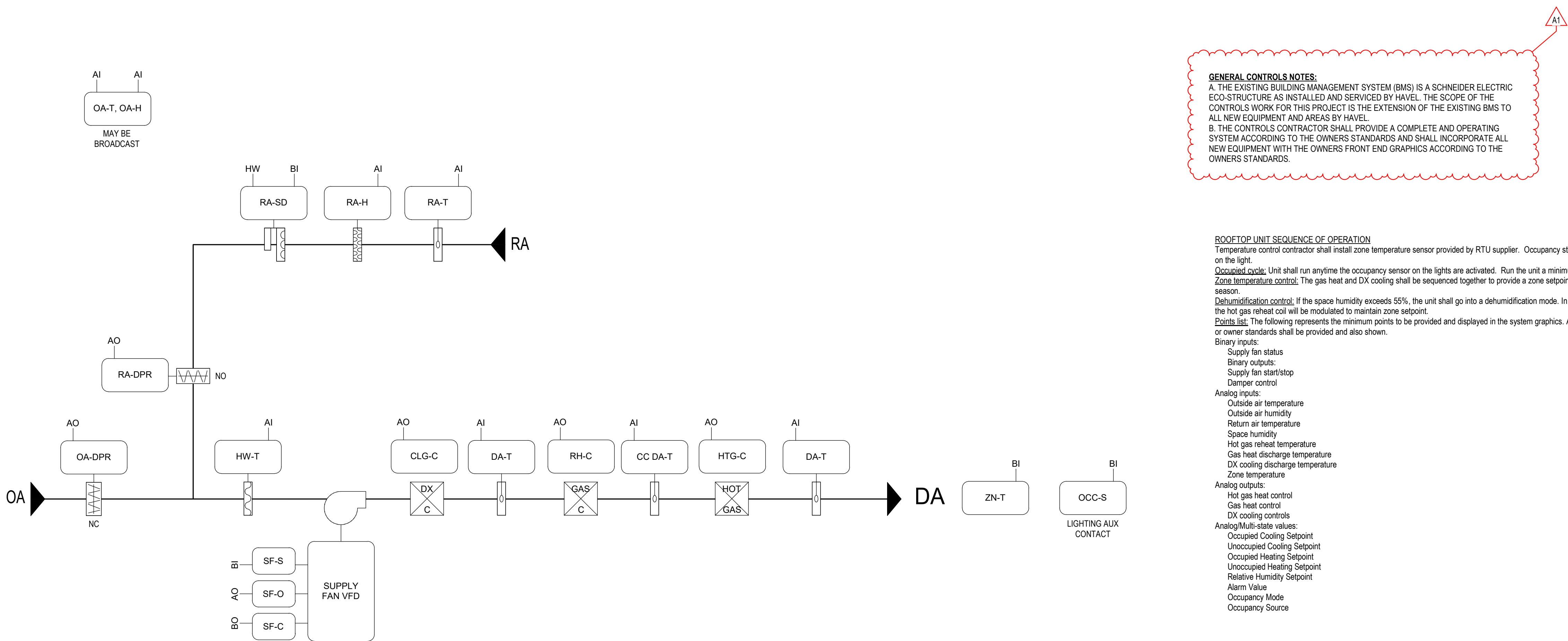
PROJECT ISSUE DATE: 05-17-2022

REV. NO.	DESCRIPTION	DATE
1	Addendum #1	06-30-2022

MECHANICAL SCHEDULES AND
DETAILS

M-601

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6/30/2022 8:31:41 AM



1 RTU-1 THRU 3
NOT TO SCALE

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GREENSBURG JUNIOR HIGH SCHOOL

505 E Central Ave.
Greensburg, IN 47240

Greensburg Community
School Corporation



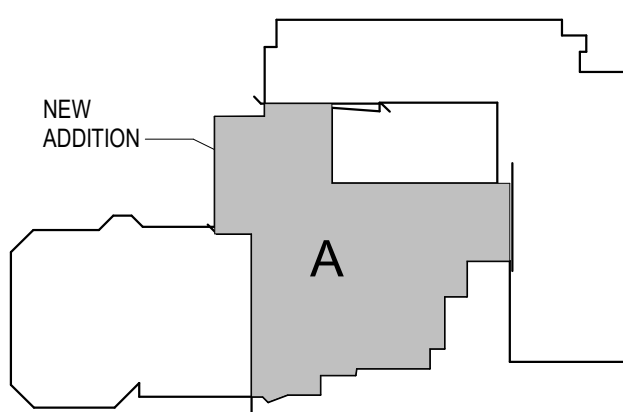
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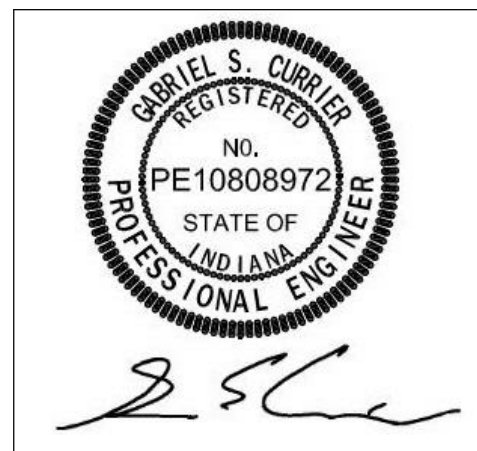
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KEY PLAN



PROJECT MANAGER: MKS

DRAWN BY: GSC

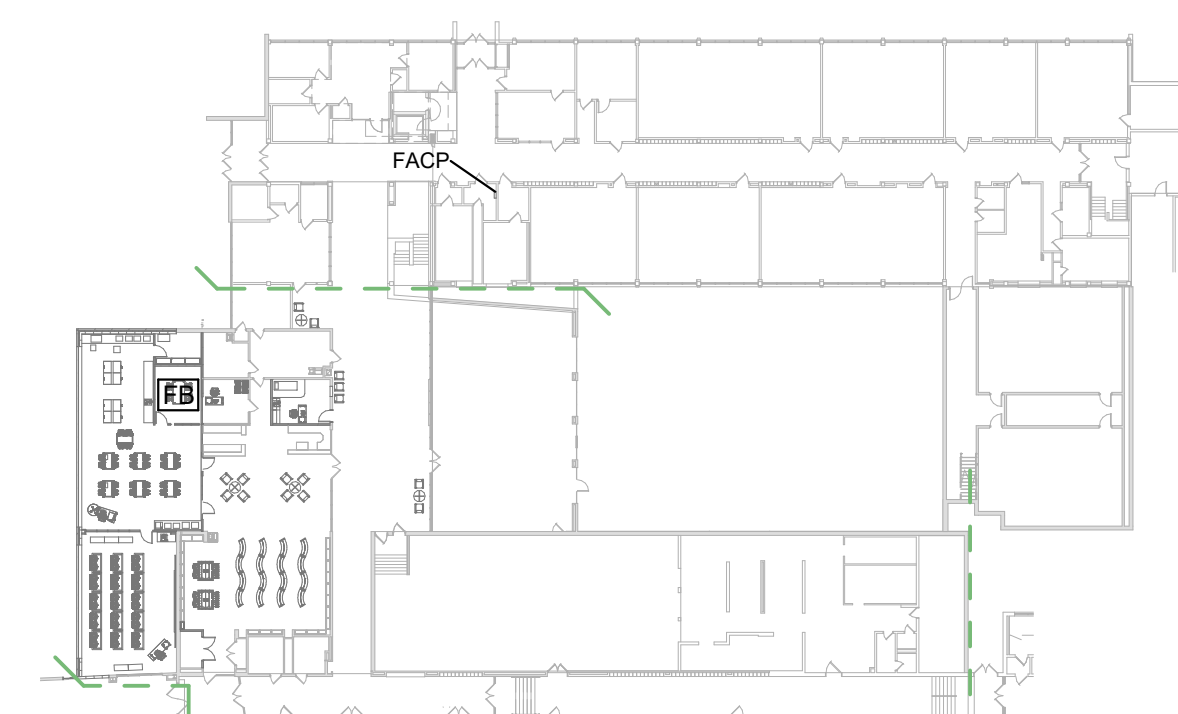
PROJECT NUMBER: 221055.02

PROJECT ISSUE DATE: 05-17-2022

REV. NO.	DESCRIPTION	DATE
1	Addendum #1	06-30-2022

TEMPERATURE CONTROLS
SCHEMATICS

M-701



GENERAL POWER NOTES	
#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.

POWER PLAN NOTES	
#	NOTES
1	CONNECT NEW PANELBOARD TO FEEDER THAT WAS MAINTAINED DURING DEMOLITION. RECONNECT ALL BRANCH CIRCUITS TO NEW PANELBOARD. SEE RISER DIAGRAM ON SHEET E-501 FOR ADDITIONAL INFORMATION.
2	120V CONNECTION FOR TANKLESS WATER HEATER.
3	RECEPTACLE INDICATED FOR WALL MOUNTED PROJECTOR. COORDINATE EXACT ELEVATION WITH TECHNOLOGY DRAWINGS.
4	CORD REEL, SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
5	MOUNT RECEPTACLE INDICATED IN CABINET FOR LASER CUTTER EXHAUST SYSTEM.
6	120V CONNECTION FOR DUST COLLECTOR.
7	RECEPTACLE INDICATED FOR MONITOR. COORDINATE EXACT ELEVATION WITH TECHNOLOGY DRAWINGS.
8	E.C. IS RESPONSIBLE FOR REMOVING AND REPLACING CEILING TILES TO RUN NEW PANELBOARD FEEDER.

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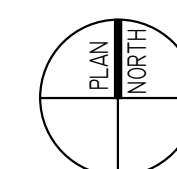
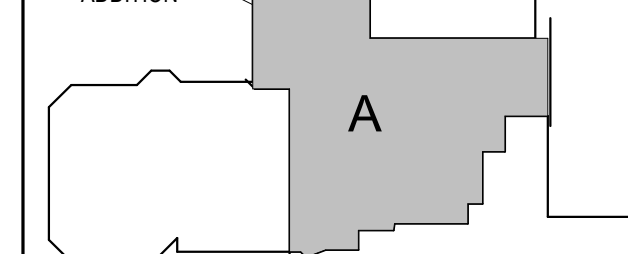
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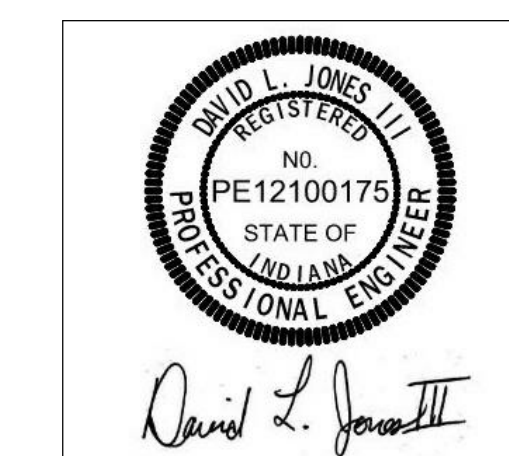
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NEW



KEY PLAN



PROJECT MANAGER: MKS
DRAWN BY: DLJ
PROJECT NUMBER: 221055.02
PROJECT ISSUE DATE: 05-17-2022

[illegible]

FIRST FLOOR POWER PLAN - UNIT A

EP1A1

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265119/265619/26213.1 - INTERIOR/EXTERIOR/EMERGENCY & EXIT LIGHT FIXTURES SCHEDULE											
LABEL	DESCRIPTION	VOLTAGE	TYPE	SOURCE			MOUNTING	LENS/REFLECTOR	CERTIFICATIONS	ACCEPTABLE MANUFACTURERS	LABEL
				LUMENS	WATTS	CCT					
L1	2X4 LED FLAT PANEL, 0-10V DIMMING.	120/277 V	LED	5,000 LM	40 W	3500 K	RECESSED IN GRID	WHITE FROST ACRYLIC	DLC	METALUX 24FP COLUMBIA CFP24 LITHONIA EPANL 24	L1
L1E	2X4 LED FLAT PANEL, 0-10V DIMMING. PROVIDE EMERGENCY BATTERY INVERTER.	120/277 V	LED	5,000 LM	40 W	3500 K	RECESSED IN GRID	WHITE FROST ACRYLIC	DLC	METALUX 24FP COLUMBIA CFP24 LITHONIA EPANL 24	L1E
L2	2X4 LED FLAT PANEL, 0-10V DIMMING.	120/277 V	LED	3,800 LM	30 W	3500 K	RECESSED IN GRID	WHITE FROST ACRYLIC	DLC	METALUX 24FP COLUMBIA CFP24 LITHONIA EPANL 24	L2
L2E	2X4 LED FLAT PANEL, 0-10V DIMMING. PROVIDE EMERGENCY BATTERY INVERTER.	120/277 V	LED	3,800 LM	30 W	3500 K	RECESSED IN GRID	WHITE FROST ACRYLIC	DLC	METALUX 24FP COLUMBIA CFP24 LITHONIA EPANL 24	L2E
L3	2X2 LED FLAT PANEL, 0-10V DIMMING.	120/277 V	LED	4,600 LM	40 W	3500 K	RECESSED IN GRID	WHITE FROST ACRYLIC	DLC	METALUX 24FP COLUMBIA CFP22 LITHONIA EPANL 22	L3
L4	6" LED CYLINDER, WHITE FINISH, WIDE DISTRIBUTION.	120/277 V	LED	1,000 LM	11 W	3500 K	AIRCRAFT CABLE	SEMI-SPECULAR CLEAR	ES	PORTFOLIO LSR6B PRESCOLITE LTC-BRDW LITHONIA LDN6	L4
L5	LED WALL LIGHT, DIE-CAST ALUMINUM HOUSING, HINGED DOOR FRAME, DARK BRONZE FINISH, U.L. LISTED FOR WET LOCATIONS.	120/277 V	LED	4,500 LM	50 W	4000 K	WALL MOUNTED	TYPE III DISTRIBUTION	DLC	MCGRAW-EDISON ISS SPAULDING QSP LITHONIA WSG	L5
X1	LED EXIT LIGHT, WHITE POLYCARBONATE HOUSING, SINGLE FACE, RED LETTERS, SELF-POWERED, NICKEL-CADMIUM BATTERY, SELF-DIAGNOSTIC/SELF-TESTING MODULE.	120/277 V	LED	N/A	5 W	N/A	UNIVERSAL	N/A	N/A	SURE-LITES LPX DUAL-LITE EVE LITHONIA LDM	X1

SCENERY STORAGE A131												
DESIGNATION: PP-1						BRANCH PANELBOARD SCHEDULE				MAINS RATING: 400 A		
LOCATION: MOUNTING: SURFACE						VOLTS: 208Y/120 V				MAINS TYPE: SFB - NOTE 1		
SUPPLY FROM: MDP						PHASES: 3						
						WIRES: 4						
						AIC RATING: 22K						
CKT NO.	CIRCUIT ROOM #	CIRCUIT TYPE	TRIP	P	A	B	C	P	TRIP	CIRCUIT TYPE	CIRCUIT ROOM #	CKT NO.
1	SPARE	20 A	1	0.00	0.00			1	20 A	SPARE		2
3	SPARE	20 A	1			0.00	0.00	1	20 A	SPARE		4
5	SPARE	20 A	1				0.00	0.00	1	20 A	SPARE	6
7	SPARE	20 A	1	0.00	0.00			1	20 A	SPARE		8
9	SPARE	20 A	1			0.00	0.00	1	20 A	SPARE		10
11	SPARE	20 A	1				0.00	0.00	1	20 A	SPARE	12
13	SPARE	20 A	1	0.00	0.00			1	20 A	SPARE		14
15	SPARE	20 A	1			0.00	0.00	1	20 A	SPARE		16
17	SPARE	20 A	1				0.00	0.00	1	20 A	SPARE	18
19	SPARE	20 A	1	0.00	0.00			1	20 A	SPARE		20
21	SPACE	--	1			--	--	1	--	SPACE		22
23	SPACE	--	1					--	--	1	--	24
25	SPACE	--	1	--	--			1	--	SPACE		26
27	SPACE	--	1			--	--			1	--	28
29	SPACE	--	1					--	--	1	--	30
31	SPACE	--	1	--	--			1	--	SPACE		32
33	SPACE	--	1			--	--	1	--	SPACE		34
35	SPACE	--	1					--	--	1	--	36
37	SPACE	--	1	--	--					1	--	38
39	SPACE	--	1			--	--	1	--	SPACE		40
41	SPACE	--	1					--	--	1	--	42
TOTAL LOAD:					0.00 kVA	0.00 kVA	0.00 kVA					
TOTAL AMPS:					0 A	0 A	0 A					
TOTAL CONNECTED LOAD:					0.00 kVA	0.00 kVA TOTAL DEMAND LOAD:						
TOTAL CONNECTED AMPS:					0 A	0 A TOTAL DEMAND AMPS:						
PANELBOARD & CIRCUIT BREAKER OPTIONS ("O" COLUMN / MCB OPTIONS ABBREVIATIONS)					LOAD CLASSIFICATION		CONNECTED LOAD (VA)		DEMAND FACTOR		ESTIMATE DEMAND (VA)	
C CONTACTOR CONTROLLED												
G GFCI PROTECTED												
P HANDLE LOCKING DEVICE												
S SHUNT TRIP												
X 80% RATED MAIN CIRCUIT BREAKER WITH LSI												
Y 100% RATED MAIN CIRCUIT BREAKER WITH LSI												
Z 100% RATED MAIN CIRCUIT BREAKER WITH LSI												
FEED THROUGH LUGS (FTL)												
SUB FEED LUGS (SFL)												
NOTES: (1) PROVIDE SUB-FEED BREAKER												

BRANCH PANELBOARD SCHEDULE															
DESIGNATION: LA2				VOLTS: 208Y/120 V				MAINS RATING: 400 A							
LOCATION: STORAGE A104				PHASES: 3				MAINS TYPE: MLO							
MOUNTING: SURFACE				WIRES: 4											
SUPPLY FROM: MDP-VIA PP-1 SUB-FEED BKR				AIC RATING: 22K											
O	CKT NO.	CIRCUIT ROOM #	CIRCUIT TYPE	TRIP	P	A	B	C	P	TRIP	CIRCUIT TYPE	CIRCUIT ROOM #	CKT NO.	O	
	1	A102	RECEPT.	20 A	1	0.18	0.40			1	20 A	FLR BOX	A101	2	
	3	A102	RECEPT.	20 A	1		0.18	0.72			20 A	RECEPT.	A101	4	
	5	A102	RECEPT.	20 A	1			0.36	0.48	1	20 A	LIGHTING	A101	6	
	7	A102	RECEPT.	20 A	1	1.12	2.30			1	40 A	DUST CO.	A104	8	
	9	A101	FLR BOX	20 A	1		0.72	0.90			20 A	RECEPT.	A101	10	
	11	A103	RECEPT.	20 A	1				1.44	1.08	1	20 A	RECEPT.	A108,A109	12
	13	A102	CRD RL	20 A	1	0.18	0.18				20 A	RECEPT.	A102	14	
	15	A102	RECEPT.	20 A	1		1.50	0.18			20 A	CRD RL	A102	16	
	17	A102	LIGHTING	20 A	1			1.21	0.18	1	20 A	CRD RL	A102	18	
	19	A102	CRD RL	20 A	1	0.18	0.36				20 A	RECEPT.	A102	20	
	21	A102	RECEPT.	20 A	1		0.18	0.18			20 A	CRD RL	A102	22	
	23	A102	CRD RL	20 A	1			0.18	0.18	1	20 A	RECEPT.	A102	24	
	25	A101	FLR BOX	20 A	1	0.40	0.54				20 A	RECEPT.	A102,A104	26	
	27	A102	RECEPT.	20 A	1		0.36	0.40			20 A	FLR BOX	A101	28	
	29	A102	RECEPT.	20 A	1			0.36	0.40	1	20 A	FLR BOX	A102	30	
	31	A101	FLR BOX	20 A	1	0.80	0.80				20 A	FLR BOX	A101	32	
	33	A102,A109	RECEPT.	20 A	1		0.54	0.80			20 A	FLR BOX	A101	34	
	35	ROOF	RECEPT.	20 A	1			0.54	0.80	1	20 A	FLR BOX	A101	36	
P	37	A101	DWH-1	20 A	1	1.44	0.00				20 A	SPARE		38	
	39	A101	FLR BOX	20 A	1		0.80	1.44			20 A	DWH-1	A102	40	
	41	A101	FLR BOX	20 A	1			0.80	1.44	1	20 A	DWH-1	A106	42	
	43	ROOF	RTU-2	50 A	3	3.79	4.21			3	60 A	RTU-1	ROOF	44	
--	45	--	--	--	--	--	3.79	4.21	--	--	--	--	--	46	
--	47	--	--	--	--	--	--		3.79	4.21	--	--	--	48	
--	49	ROOF	RTU-3	60 A	3	4.55	0.00				20 A	SPARE		50	
--	51	--	--	--	--	--	4.55	0.00			20 A	SPARE		52	
--	53	--	--	--	--	--	--		4.55	0.00	1	20 A	SPARE	54	
--	55	SPARE		20 A	1	0.00	0.00				20 A	SPARE		56	
--	57	SPARE		20 A	1		0.00	0.00			20 A	SPARE		58	
--	59	SPARE		20 A	1			0.00	0.00	1	20 A	SPARE		60	
--	61	SPARE		20 A	1	0.00	0.00				20 A	SPARE		62	
--	63	SPARE		20 A	1		0.00	0.00			20 A	SPARE		64	
--	65	SPARE		20 A	1			0.00	0.00	1	20 A	SPARE		66	
--	67	SPARE		20 A	1	0.00	0.00				20 A	SPARE		68	
--	69	SPARE		20 A	1		0.00	0.00			20 A	SPARE		70	
--	71	SPARE		20 A	1			0.00	0.00	1	20 A	SPARE		72	
TOTAL LOAD:					21.43 kVA	21.45 kVA	22.00 kVA								
TOTAL AMPS:					179 A	179 A	183 A								
TOTAL CONNECTED LOAD:					64.89 kVA	61.12 kVA TOTAL DEMAND LOAD:									
TOTAL CONNECTED AMPS:					183 A	170 A TOTAL DEMAND AMPS:									
PANELBOARD & CIRCUIT BREAKER OPTIONS ("O" COLUMN / MCB OPTIONS ABBREVIATIONS)				LOAD CLASSIFICATION		CONNECTED LOAD (VA)		DEMAND FACTOR		ESTIMATE DEMAND (VA)					
C CONTACTOR CONTROLLED				Receptacle - General		18380 VA		77.20%		14190 VA					
G GFCI PROTECTED				Lighting - Interior		1690 VA		125.00%		2113 VA					
P HANDLE LOCKING DEVICE				Power - Continuous		44816 VA		100.00%		44816 VA					
S SHUNT TRIP						0 VA		0.00%		0 VA					
X 80% RATED MAIN CIRCUIT BREAKER WITH LSI															
Y 100% RATED MAIN CIRCUIT BREAKER WITH LSI															
Z 100% RATED MAIN CIRCUIT BREAKER WITH LSI															
FEED THROUGH LUGS (FTL)															
SUB FEED LUGS (SFL)															
NOTES:															