ADDENDUM NO. 1

April 5, 2023

WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED WORK

Crown Point, IN 46307

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 9, 2023 by Gibraltar Design. 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 1-1 and attached Addendum No. 1 from Gibraltar Design dated March 30, 2023 and consisting of 2 pages and 21 drawings.

A. SPECIFICATION SECTION 01 23 00 - ALTERNATES

1. **Replace:**

I. <u>ALTERNATE</u> NO. 9: State the cost to provide chemical water treatment manufactured by Hydro Management to be installed as indicated on the Plumbing Drawings and Specifications if not already included in your bid.

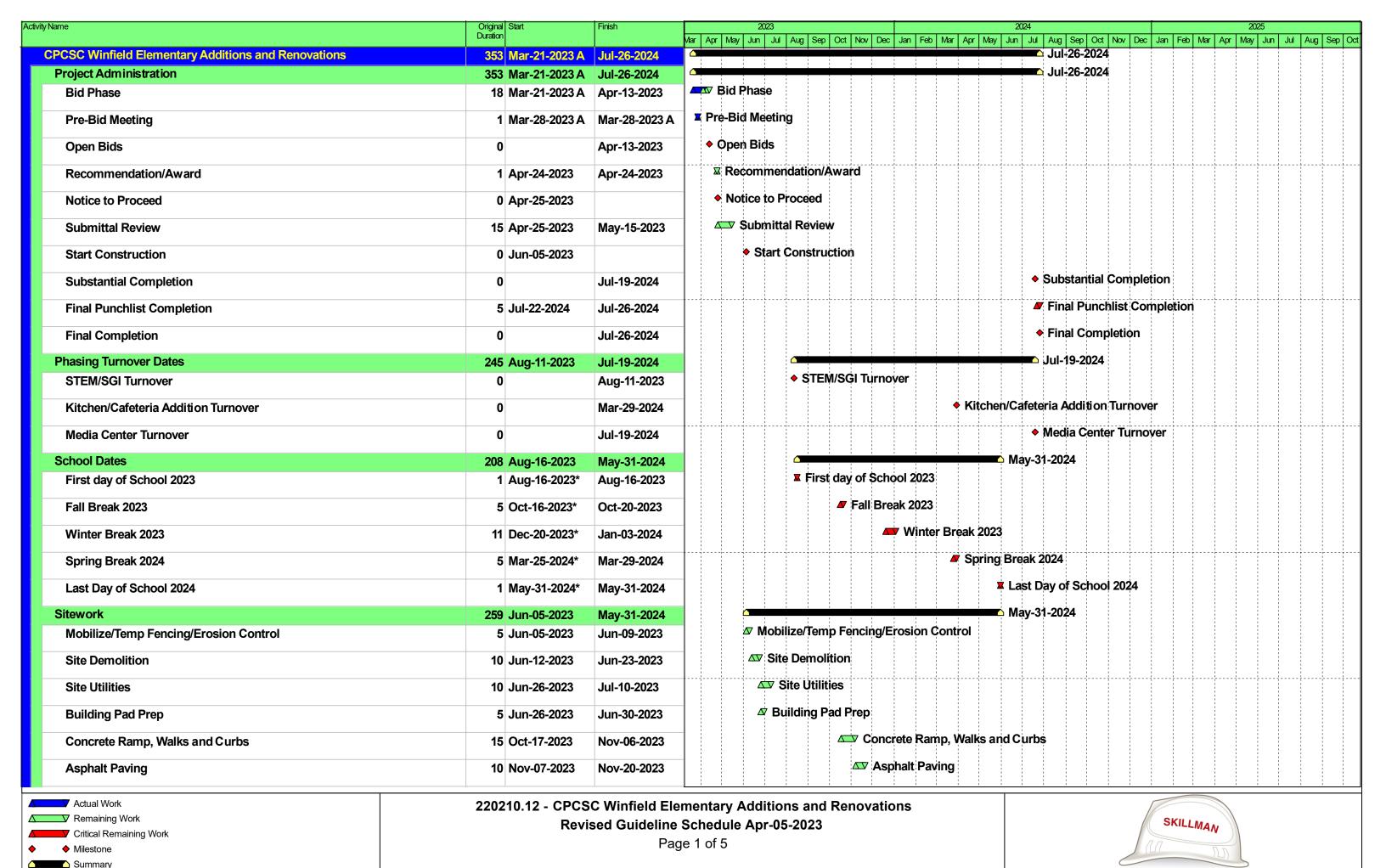
B. SPECIFICATION SECTION 01 32 00 - SCHEDULES AND REPORTS

1. Replace:

The original Guideline Schedule and Phasing Plan (PH-1) with the attached, revised Guideline Schedule and Phasing Plan (PH-1).

2. **ADD**:

The attached Site Logistics Plan (SL-1).





Actual Work

Remaining Work

Critical Remaining Work

Milestone

Summary

220210.12 - CPCSC Winfield Elementary Additions and Renovations
Revised Guideline Schedule Apr-05-2023
Page 2 of 5



Activity Nan	ne	Original Start Duration	Finish		2023						2024					2025		
				Mar Apr May	y Jun Ju	ul Aug S	Sep Oct N				May Jun Jul Aug	Sep Oct N	Nov Dec J	Jan Feb	Mar Apr I	May Jun J	ul Aug	Sep Oct
	Door Frames	15 Dec-12-2023	Jan-01-2024						Door I	rames								
	In-Wall Electrical Rough-ins	15 Dec-12-2023	Jan-01-2024						In-Wal	l Electri	ical Rough-ins							
	Above Ceiling Piping	15 Dec-19-2023	Jan-08-2024						▼ Abov	e Ceilin	g Piping	; ; -						
	Above Ceiling Electical and Technology	10 Dec-19-2023	Jan-01-2024						Above	Ceiling	Electical and Te	chnology						
	Existing Kitchen/Cafeteria Tie-in Demolition	3 Dec-20-2023	Dec-22-2023					Ø E	Existing	, Kitche	en/Cafeteria Tie-ir	n Demolit	ion					
	Concrete Floor Patch	3 Dec-25-2023	Dec-27-2023					₽	Concre	te Floo	r Patch							
	Temporary Partitons	1 Dec-28-2023	Dec-28-2023					×	Tempo	rary Pa	rtitons							
	CMU Interior Walls	5 Dec-29-2023	Jan-04-2024					Δ	CMU	Interior	Walls	,						
	Metal Stud Framing	5 Jan-02-2024	Jan-08-2024						✓ Meta	Stud F	raming							
	Drywall and Tape	10 Jan-09-2024	Jan-22-2024					4	△ Dry	wall an	d Tape							
	Painting	15 Jan-16-2024	Feb-05-2024						P	ainting								
	Acoustical Ceilings	15 Jan-30-2024	Feb-19-2024							Acoust	ical Ceilings							
	Light Fixtures and Devices	15 Jan-30-2024	Feb-19-2024							Light F	ixtures and Devic	es						
	Mechanical Trim	15 Jan-30-2024	Feb-19-2024							Mechar	nical Trim							
	Plumbing Fixtures	5 Feb-06-2024	Feb-12-2024						△	Plumbin	ng Fixtures							
	Rolling Doors	5 Feb-06-2024	Feb-12-2024						△ ▼ I	Rolling	Doors							
	Tackboards	1 Feb-06-2024	Feb-06-2024						⊠ T	ackboar	ds							
	Epoxy Flooring	4 Feb-13-2024	Feb-16-2024						Ø	Ероху Г	looring	;						
	Quarry Tile	20 Feb-19-2024	Mar-15-2024						Δ	Qua	rry Tile							
	Lockers	3 Feb-20-2024	Feb-22-2024						A	Locker	S							
	Acoustical Wall Panels	5 Feb-20-2024	Feb-26-2024						Δ	Acous	tical Wall Panels							
	LVT Flooring	15 Mar-04-2024	Mar-22-2024						1	△ LV	T Flooring							
	Kitchen Equipment	10 Mar-18-2024	Mar-29-2024						· i ·	△▽ Ki	tchen Equipmen	t						
	Door and Hardware	5 Mar-18-2024	Mar-22-2024							Ø Do	or and Hardware							
	Interior Renovations	274 Jul-03-2023	Jul-19-2024						1		Jul-	19-2024						
	Classroom Doors and Markerboards	35 Jun-03-2024	Jul-19-2024						 		△ Clas	sroom D	oors and	l Marke	rboards			
	Classroom Ceilings and Lights (Alternate)	35 Jun-03-2024	Jul-19-2024						1		△ Clas	sroom C	eilings a	nd Ligh	nts (Alter	nate)		



220210.12 - CPCSC Winfield Elementary Additions and Renovations Revised Guideline Schedule Apr-05-2023



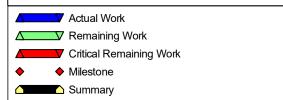
Activity Na	me	Original Start Duration	Finish		202					2024		2025
				Mar Apr M	May Jun	Jul Aug Sep Oct	Nov Dec Jan F	eb Mar Apr		un Jul Aug Sep Oct Nov Dec		
	Classroom Entrance Doors, Frames and Masonry	35 Jun-03-2024	Jul-19-2024							Classroom Entrance	Doors, Frames	and wasonry
	Corridor Hydronic Piping and Fan Coil Units (Alternate)	35 Jun-03-2024	Jul-19-2024						_	Corridor Hydronic F	iping and Fan Co	oil Units (Alternate)
	Chiller Replacment (Alternate)	35 Jun-03-2024	Jul-19-2024							Chiller Replacment	(Alternate)	
	Classroom D-117 Restroom	29 Jul-03-2023	Aug-11-2023		4	Aug-11-20)23					
П	Demolition	3 Jul-03-2023	Jul-06-2023		Ā	Demolition						
П	Plumbing Rough-ins	5 Jul-07-2023	Jul-13-2023			▼ Plumbing Ro	ugh-ins				JJJJJJJJ	
П	CMU Interior Walls	5 Jul-14-2023	Jul-20-2023				r Walls					
	In-Wall Electrical Rough-ins	5 Jul-14-2023	Jul-20-2023			△ In-Wall Elect		ns				
П	Door Frame	5 Jul-14-2023	Jul-20-2023			■ Door Frame						
П	Ductwork and Piping	3 Jul-21-2023	Jul-25-2023			□ Ductwork a	nd Piping					
	Painting	3 Jul-26-2023	Jul-28-2023			∠ Painting						
П	Acoustical Ceiling	2 Jul-31-2023	Aug-01-2023				Ceiling					
П	Light Fixtures	2 Jul-31-2023	Aug-01-2023				res					
П	Plumbing Fixtures	2 Aug-02-2023	Aug-03-2023			∇ Plumbing I	Fixtures					
	Toilet Accessories	1 Aug-04-2023	Aug-04-2023				essories					
П	Door and Hardware	1 Aug-04-2023	Aug-04-2023			☑ Door and I	lardware					
П	Epoxy Flooring	5 Aug-07-2023	Aug-11-2023				ooring					
	Media Center	80 Mar-25-2024	Jul-12-2024					4		Jul-12-2024		
П	Demolition	5 Mar-25-2024	Mar-29-2024					⊿ De	moliti	on		
П	Underground Electric	5 Apr-01-2024	Apr-05-2024					Ø U	Inderg	round Electric		
П	Interior CMU Walls	10 Apr-08-2024	Apr-19-2024						Interio	or CMU Walls		
П	In-Wall Electrical Rough-ins and Wiremold	10 Apr-08-2024	Apr-19-2024						In-Wa	ll Electrical Rough-ins and	Wiremold	
П	Ductwork	15 Apr-08-2024	Apr-26-2024						Duct	work		
	Above Ceiling Piping	10 Apr-29-2024	May-10-2024					4	△ Ab	ove Ceiling Piping		
	Above Ceiling Electrical and Technology	10 Apr-29-2024	May-10-2024						△ Ab	ove Ceiling Electrical and	Technology	
	Metal Stud Framing	5 Apr-29-2024	May-03-2024						✓ Meta	al Stud Framing		
	Drywall and Tape	10 May-06-2024	May-17-2024						△▼ Dr	ywall and Tape		
	Painting	10 May-20-2024	May-31-2024						△▽ I	Painting		
	■ Actual Work	220210.12 - CPCS	C Winfield Ele	ementary	v Addi	tions and Ren	novations					
Δ	Remaining Work		sed Guideline								SKILLMAN	
	Critical Remaining Work	176.41		ae 4 of 5	-	JU 2020					WAN	

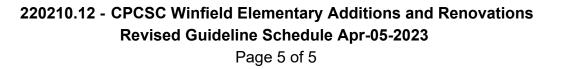
Page 4 of 5

Milestone

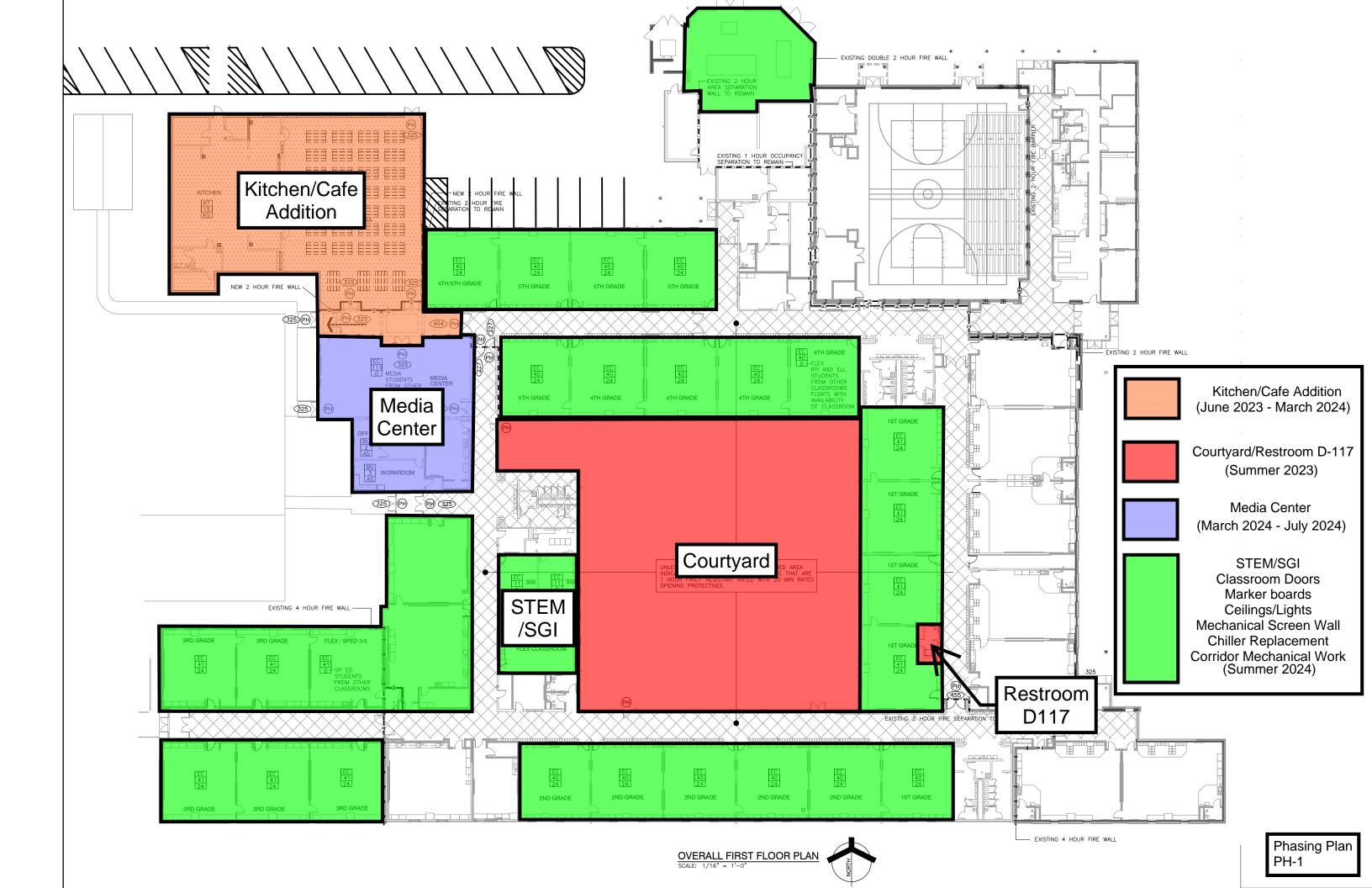
△ Summary

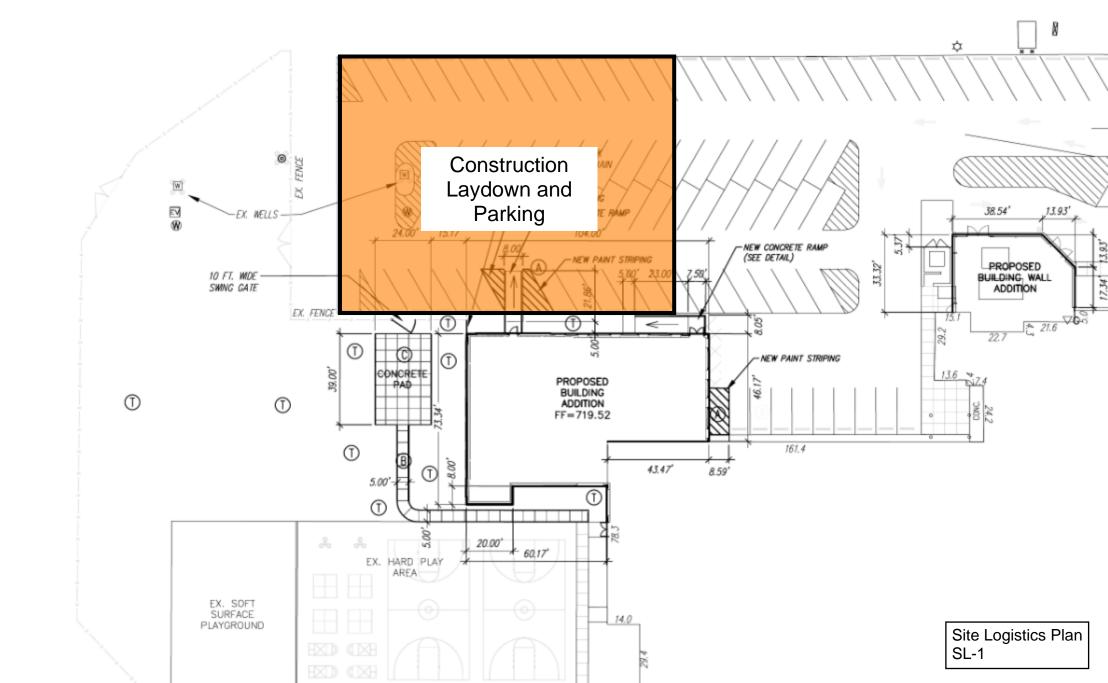
Activity Name		Original Start Duration	Finish			2023						2024			2025	5		
		Duration		Mar Ap	or May	Jun J	lul Aug Sep	p Oct	Nov Dec	Jan Feb	Mar Apr	May Jun Jul Aug S	ep Oct Nov Dec Jan	Feb Mar	Apr May .	Jun Jul	Aug Se	рОс
	Acoustical Ceilings	10 Jun-03-2024	Jun-14-2024									△ Acoustical	Ceilings					
	Lightfixtures and Devices	10 Jun-03-2024	Jun-14-2024									△ ✓ Lightfixtur	es and Devices					
	Mechanical Trim	10 Jun-03-2024	Jun-14-2024									△▽ Mechanica	l Trim					
	Media Center Shelving, Casework and Millwork	10 Jun-17-2024	Jun-28-2024									△▼ Media Ce	enter Shelving, Cas	ework a	nd Millw	vork		
	Interior Storefronts and Glazing	5 Jun-17-2024	Jun-21-2024										orefronts and Glaz	ing				
	Markerboards and Tackboards	1 Jun-17-2024	Jun-17-2024									Markerboa	ards and Tackboard	ls				
	Doors and Hardware	3 Jun-17-2024	Jun-19-2024										l Hardware					
	Carpet Flooring	10 Jul-01-2024	Jul-12-2024									△▽ Carpet	Flooring					
S	TEM/SGI	35 Jun-03-2024	Jul-19-2024									Jul-19	-2024					
	Demolition	3 Jun-03-2024	Jun-05-2024									Demolition						
	Interior CMU Walls	7 Jun-06-2024	Jun-14-2024									Interior CN	IU Walls					
	Door Frames	7 Jun-06-2024	Jun-14-2024									Door Fram	es					
	In-Wall Electrical Rough-ins	7 Jun-06-2024	Jun-14-2024									In-Wall Ele	ctrical Rough-ins					
	Plumbing Rough-ins	3 Jun-06-2024	Jun-10-2024									Plumbing F	Rough-ins					
	Metal Stud Walls	3 Jun-11-2024	Jun-13-2024									■ Metal Stud	Walls					
	Drywall and Tape	3 Jun-14-2024	Jun-18-2024									Drywall ar	nd Tape					
	Painting	7 Jun-19-2024	Jun-27-2024									Painting						
	Acoustical Ceilings	5 Jun-28-2024	Jul-04-2024	1								Acoustic	cal Ceilings					
	Light Fixtures and Devices	5 Jun-28-2024	Jul-04-2024								1	∆ Light Fix	ctures and Devices					
	Mechanical Trim	5 Jun-28-2024	Jul-04-2024										ical Trim					
	Markerboards and Tackboards	2 Jul-05-2024	Jul-08-2024								1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Markerl	ooards and Tackbo	ards				
	Casework	4 Jul-05-2024	Jul-10-2024									Casewo	ork					
	Doors and Hardware	2 Jul-05-2024	Jul-08-2024									Ø Doors a	and Hardware					-1
	Plumbing Fixtures	2 Jul-11-2024	Jul-12-2024									⊿ Plumbi	ng Fixtures					
	Carpet and LVT Flooring	5 Jul-15-2024	Jul-19-2024									⊿ Carpe	t and LVT Flooring					













ADDENDUM ONE

Addendum One (AD.01) to the drawings and specifications prepared by Gibraltar Design for **Winfield Elementary School 2023 Additions**, **Renovations**, **and Related Work** for Crown Point Community School Corporation, Crown Point, Indiana.

All Contractors bidding on this project shall read all of the items covered below and shall comply with all of the requirements as set forth, including any necessary refinements or additions generated by this Addendum and required by the intent of the original contract documents. All Contractors shall acknowledge on their bid form that they have received this Addendum and include the appropriate content of same within their bid proposal.

SPECIFICATIONS

1. None

DRAWINGS

For each sheet listed in this Addendum, refer to attached full size drawing sheet(s) for revisions, unless noted otherwise.

1. Sheet A-802

A. In rooms B-119 and B-120 changed carpet from C3 to C2.

2. Sheet A-820

A. Quarry tile base color changed to Shadow Gray N46.

3. Sheets MV-102 and MP-102

A. Revised CH-1 in Vest B-116.

4. Sheet M-601

A. Revised Mechanical Equipment Schedule.

5. Sheet P-102

- A. Added storm piping for new roof drain.
- B. Revised sanitary and vent piping.

6. Sheet P-112

- A. Revised vent piping.
- B. Added new storm piping for new roof drains.

7. Sheet P-200

A. Addend new roof and overflow drains.

8. Sheet E-001

A. Revised symbols on symbol list.

9. Sheet ED-102

A. Revised projector screen to be relocated.

MARCH 30, 2023 AD.01-1



B. Revised projector to be removed.

10. Sheets EL-101, EL-102 and EL-104

- A. Added alternate bid tags.
- B. Shifted lighting fixtures.
- C. Revised lighting fixture tags.

11. Sheet EP-102

- A. Added cabinet heater electrical connection.
- B. Added TVs.

12. Sheet EP-103

A. Added surface raceway.

13. Sheet EP-201

- A. Added general note.
- B. Added circuitry to kitchen rooftop equipment.

14. Sheet EP-401

- A. Added projector and screen electrical connections.
- B. Revised receptacle locations.
- C. Revised receptacles to GFI type.

15. Sheet E-601

A. Added circuits to panel PP-KA.

16. Sheet TD-102

A. Added note to remove existing projection screen and save for reinstallation in room B107.

17. Sheet T-102 and T-103

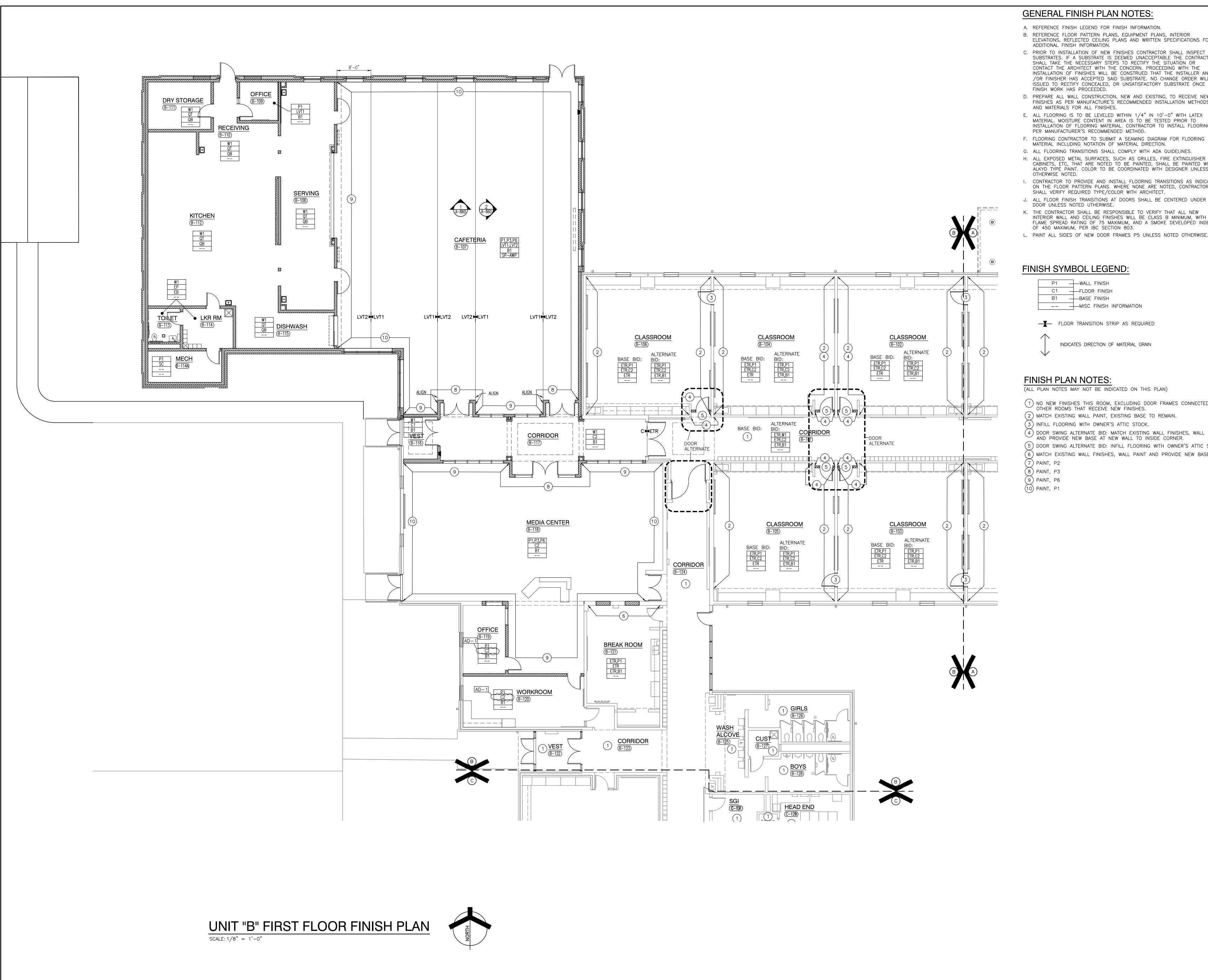
- A. Moved Projector rough-in location in Cafeteria B-107.
- B. Added note regarding re-installation of existing projector screen in Cafeteria B107.
- C. Moved LED Clock location in Cafeteria B-107.
- D. Added two TV Rough-in locations in Media Center B-118.
- E. Added note indicating clear space required between Data / Audio Rack and door opening in Room B114A.

Pages 1 through 2, inclusive, and Twenty-One (21) Full-Size Drawings, constitute the total makeup of **Addendum One**.



MARCH 30, 2023 AD.01-2

Additions and Renovations\Specs\Addendum 1\21-110_ADD#1.doc



GENERAL FINISH PLAN NOTES:

- A. REFERENCE FINISH LEGEND FOR FINISH INFORMATION.
- B. REFERENCE FLOOR PATTERN PLANS, EQUIPMENT PLANS, INTERIOR ELEVATIONS, REFLECTED CEILING PLANS AND WRITTEN SPECIFICATIONS FOR
- C. PRIOR TO INSTALLATION OF NEW FINISHES CONTRACTOR SHALL INSPECT ALL SUBSTRATES. IF A SUBSTRATE IS DEEMED UNACCEPTABLE THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO RECTIFY THE SITUATION OR CONTACT THE ARCHITECT WITH THE CONCERN. PROCEEDING WITH THE INSTALLATION OF FINISHES WILL BE CONSTRUED THAT THE INSTALLER AND OR FINISHER HAS ACCEPTED SAID SUBSTRATE. NO CHANGE ORDER WILL BE ISSUED TO RECTIFY CONCEALED, OR UNSATISFACTORY SUBSTRATE ONCE FINISH WORK HAS PROCEEDED.
- D. PREPARE ALL WALL CONSTRUCTION, NEW AND EXISTING, TO RECEIVE NEW FINISHES AS PER MANUFACTURE'S RECOMMENDED INSTALLATION METHODS AND MATERIALS FOR ALL FINISHES.
- E. ALL FLOORING IS TO BE LEVELED WITHIN 1/4" IN 10'-0" WITH LATEX MATERIAL. MOISTURE CONTENT IN AREA IS TO BE TESTED PRIOR TO INSTALLATION OF FLOORING MATERIAL. CONTRACTOR TO INSTALL FLOORING PER MANUFACTURER'S RECOMMENDED METHOD.
- F. FLOORING CONTRACTOR TO SUBMIT A SEAMING DIAGRAM FOR FLOORING MATERIAL INCLUDING NOTATION OF MATERIAL DIRECTION.
- G. ALL FLOORING TRANSITIONS SHALL COMPLY WITH ADA GUIDELINES. H. ALL EXPOSED METAL SURFACES, SUCH AS GRILLES, FIRE EXTINGUISHER CABINETS, ETC, THAT ARE NOTED TO BE PAINTED, SHALL BE PAINTED WITH ALKYD TYPE PAINT. COLOR TO BE COORDINATED WITH DESIGNER UNLESS
- I. CONTRACTOR TO PROVIDE AND INSTALL FLOORING TRANSITIONS AS INDICATED ON THE FLOOR PATTERN PLANS. WHERE NONE ARE NOTED, CONTRACTOR SHALL VERIFY REQUIRED TYPE/COLOR WITH ARCHITECT.
- J. ALL FLOOR FINISH TRANSITIONS AT DOORS SHALL BE CENTERED UNDER DOOR UNLESS NOTED UTHERWISE.
- K. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT ALL NEW INTERIOR WALL AND CEILING FINISHES WILL BE CLASS B MINIMUM, WITH A FLAME SPREAD RATING OF 75 MAXIMUM, AND A SMOKE DEVELOPED INDEX OF 450 MAXIMUM, PER IBC SECTION 803.

P1 –	
C1 –	FLOOR FINISH
B1 –	BASE FINISH
	MISC FINISH INFORMATION

FLOOR TRANSITION STRIP AS REQUIRED

INDICATES DIRECTION OF MATERIAL GRAIN

FINISH PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS PLAN)

1) NO NEW FINISHES THIS ROOM, EXCLUDING DOOR FRAMES CONNECTED TO OTHER ROOMS THAT RECEIVE NEW FINISHES. 2 MATCH EXISTING WALL PAINT, EXISTING BASE TO REMAIN.

(3) INFILL FLOORING WITH OWNER'S ATTIC STOCK.

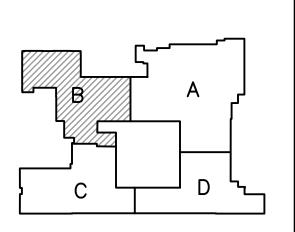
4) DOOR SWING ALTERNATE BID: MATCH EXISTING WALL FINISHES, WALL PAINT AND PROVIDE NEW BASE AT NEW WALL TO INSIDE CORNER. (5) DOOR SWING ALTERNATE BID: INFILL FLOORING WITH OWNER'S ATTIC STOCK. (6) MATCH EXISTING WALL FINISHES, WALL PAINT AND PROVIDE NEW BASE.

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DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN GIBRALTAR DESIGN

9102 N. Meridian St., Ste. 300

Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

03/16/23 COORDINATED B'

11600109 DRAWN BY EKM CHECKED BY NAS

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MARK DATE ISSUED FOR AD-1 3/30/23 ADDENDUM NO.1

UNIT "B" FIRST FLOOR FINISH

WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED WORK

GIBRALTAR DESIGN SHEET В

A-802

				FINISH LE	GEND		
SURFACE	MARK	DESCRIPTION	MANUFACTURER	PATTERN/FINISH	NUMBER/COLOR	SIZE	COMMENTS
CEILING MATERIA	LS	•	•				
	ACT1	ACOUSTICAL CEILING	ARMSTRONG	FINE FISSURED	1728 WHITE	24"X24"	WITH HUMIGUARD PLUS
	ACT2	ACOUSTICAL CEILING	ARMSTRONG	CLEAN ROOM LV	868 WHITE	24"X24"	VINYL FACED WITH HUMIGUARD PLUS
	P9	PAINT	SHERWIN WILLIAMS		CEILING BRIGHT WHITE / 7007		
	110	174141	OFFERWING WILLIAMS	•	OLILINO BRIGHT WHILE / 1001	•	
WALL BASE							•
	B1	VINYL BASE	TARKETT	[AD-1]	MATCH EXISTING	4" COVE	
	QB	QUARRY TILE BASE	AMERICAN OLEAN	QUARRY NATURALS	(SHADOW N46)	5" COVE	
	EB	POURED EPOXY BASE	SHERWIN WILLIAMS	DECO QUARTZ	WINTER SKY	4" INTEGRAL COVE	
LOOR MATERIALS	+	<u>!</u>		•	•		
- SON MATERIAL	T _{C1}	CARPET TILE	MOHAWK	FIRST STEP II	COBALT 955	24"X24"	T
	C2	CARPET TILE	MOHAWK	ENLIVENED	CADET 569	24"X24"	INSTALL: VERTICAL ASHLAR
	102	O/MALL TILL	MOTIMAN		ONDET 300	<u> </u>	INSTALL. VERTICAL ASTILAR
	LVT1	LUXURY VINYL TILE	MOHAWK	TERRAZZO CO180	RANDAZZO 725	12"X24"	INSTALL: VERTICAL ASHLAR
	LVT2	LUXURY VINYL TILE	MOHAWK	TERRAZZO CO180	SOMMA 985	12"X24"	INSTALL: VERTICAL ASHLAR
	VCT1	VINYL COMPOSITION TILE	TARKETT	STANDARD EXCELON	LUNAR BLUE	12"X12"	MATCH EXITSING WITH OWNER'S ATTIC STOCK
	QT	QUARRY TILE	AMERICAN OLEAN	QUARRY NATURALS	SHADOW FLASH ON56	6"X6"	
	EP	POURED EPOXY	SHERWIN WILLIAMS	DECO QUARTZ	WINTER SKY		
		TOOKED ETOKT	STIERWING WILLIAMS	DEGG QOMME	WHATER SICE		
WALL MATERIALS	5		•	•	•	•	
	P1	PAINT	SHERWIN WILLIAMS		NOMADIC DESERT SW6107		
	P2	PAINT	SHERWIN WILLIAMS		SMOKY AZURITE SW9148		
	P3	PAINT	SHERWIN WILLIAMS		BLUE CHIP SW6959		
	P4	PAINT	SHERWIN WILLIAMS		CLASSIC FRENCH GRAY SW0077		
	P5	PAINT	SHERWIN WILLIAMS		IN THE NAVY SW9178		DOORFRAMES
	P6	PAINT	SHERWIN WILLIAMS		ACIER SW9170		
	W1	WALLCOATING	SHERWIN WILLIAMS		NOMADIC DESERT SW6107		
	SP-AWP1	ACOUSTICAL PANEL	MDC ZINTRA		GREIGE		WITH STAINGUARD
	SP-AWP2	ACOUSTICAL PANEL	MDC ZINTRA PRINT		MAYA ON PEBBLE BASE		WITH STAINGUARD
CASEWORK AND I	MILLWORK						
	PL1	PLASTIC LAMINATE	PIONITE	TEXTURED SUEDE	FINE OAK W0951		
	PL2	PLASTIC LAMINATE	PIONITE	TEXTURED SUEDE	NAVY BLUE SB007		
	PL3	PLASTIC LAMINATE	WILSONART	FINE VELVET	TAILORED LINEN 4992-38		KITCHEN SERVING COUNTER
	QZ	QUARTZ	CORIAN		CLOUD WHITE		KITCHEN SERVING COUNTER
	SS	SOLID SURFACE	WILSONART		POWDER WHITE		
MISCELLANEOUS				•		L	•
	WD	WOOD DOOR	ARCHITECTURAL WOOD DOORS	PLAIN SLICED WHITE BIRCH	CLEAR		TO MATCH EXISTING
	ТВ	TACKBOARD	FORBO		BROWN RICE 2187		TO MATCH EXISTING
				•	1 D. 10 1/11 1 110 E 210/	I	1.0

ETR = EXISTING TO REMAIN

GIBRALTAR DESIGN

ARCHITECTURE ● ENGINEERING ● INTERIOR DESIGN

PROJECT WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA

GIBRALTAR DESIGN 9102 N. Meridian St., Ste. 300 Indianapolis, IN 46260 Homepage www.GibraltarDesign.com Email info@GibraltarDesign.com Phone 317.580.5777 Fax 317.580.5778

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03/16/23

coordinated by DB drawn by EKM CHECKED BY NAS

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MARK DATE ISSUED FOR AD-1 3/30/23 ADDENDUM NO.1

DRAWING FINISH LEGEND

PROJECT
WINFIELD ELEMENTARY SCHOOL
2023 ADDITIONS, RENOVATIONS,
AND RELATED WORK

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A-820



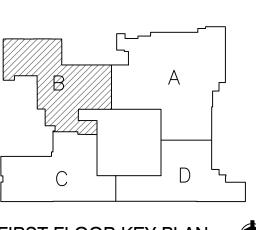
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DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN



WINFIELD
ELEMENTARY
SCHOOL 2023
ADDITIONS,
RENOVATIONS,
AND RELATED
WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



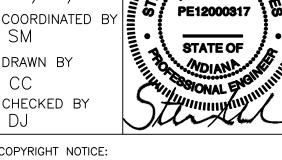
FIRST FLOOR KEY PLAN

GIBRALTAR DESIGN

9102 N. Meridian St., Ste. 300

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DRAWING
UNIT "B" MECHANICAL
FIRST FLOOR

PROJECT
WINFIELD ELEMENTARY SCHOOL
2023 ADDITIONS, RENOVATIONS,
AND RELATED WORK

BRALTAR DESIGN SHEET

MV102



DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

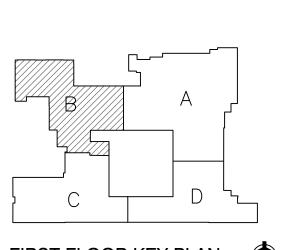
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WINFIELD
ELEMENTARY
SCHOOL 2023
ADDITIONS,
RENOVATIONS,
AND RELATED
WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN

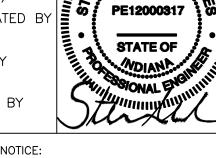
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UNIT "B" MECHANICAL FIRST FLOOR PIPING PLAN

PROJECT
WINFIELD ELEMENTARY SCHOOL
2023 ADDITIONS, RENOVATIONS,
AND RELATED WORK

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TUIN CITY 1-200 AD- CELLING MOUNTED TOLET EXHAUST FAN I. VER SPECIFICATIONS FOR ADDITIONAL INFORMATION S. VERTAGE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. S. VERTAGE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. S. VERTAGE SPECIFICATION SPECIFICATION S. VERTAG						••••	•	· ·	·-	· ·	· · ·		-	· ·	-		· · ·	-	· ·	-	••••	•	· ·						-			15 -	1 -	·	I		60 -	- 1614		NOTE
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TUIN CITY T-260 ID-1 CEILING MOUNTED TOILET EXHAUST FAN NOTE 3: E SPECIFICATIONS FOR ADDITIONAL INFORMATION INTEGRAL THE CONCONTIZER WITH DIFFERENTIAL ENTHALPY SENSORS INTEGRAL SCROLL (LEAD ONLY) OR VARIABLE SPEED COMPRESSORS A 1 FOUR EXPLANABLE SP		JIN CITY	T-200	CEILING MOUNTED TOILET	EXHAUST FAN	سيب	سب	يبلي	ميم	مبد	میہ	- 125	03	- 1/4	140	ليبلي	بياب	لميم	ببب	ميم	ىبىي	محي	ميد	يابيا	ميہ	ليليا	يبي	ميہ	ىيىپ	میہ	ميليه	- 1/4	يسي	424			ميايم	- SWITC	H 50	NOT
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10DULATING GAS W/HIGH TURNDOWN • CONDENSER FAN W/VFD W/HEAD PRESSURE CONTROL \$ SITE GLASS • VAV HEATING \$ COOLING • VAV HEATING \$ COOLING • HAIL CONDENSER COIL GUARD PROTECTION • HAIL CONDENSER COIL GUARD PROTECTION • FILTERS: 4' MERY 13 \$ 2' MERY 8 • FILTERS: 4' MERY 13 \$ 2' MERY 8	EE 2: VIDIO AND	E WITH: FRATED E FAL SCRO FUSED DI RT CIRCUIT SE & BROU ED ACCES ATION ISO ERED EXH NLESS STE ULATING O DEFLECT AL MESH O	CONOMIZER WI L (LEAD ONL DIRECT DRIV CONNECT SWI RATING 35 K N-OUT PROTE S DOORS LATION CURB AUST FAN W/BL EL HEAT EXCH AS W/HIGH TUR OR UTSIDE AIR IN	TH DIFFERENTIAL ENTHALPY SENSORS Y) OR VARIABLE SPEED COMPRESSORS E FANS W/VFD, TCH OR CIRCUIT BREAKER CTION W/ HUSHCORE DECK DS-53 ACOUSTICAL TO T.DG. PRESSURIZATION CONTROL, HANGER NDOWN TAKE HOOD FILTER	PORVIDE W INTEGRA DIGITAL S/A & PO NON-FUS SHORT O PHASE HINGED VIBRATI POWERE STAINLE STAINLE MODULA FLUE DE METAL N CONDEN VAY HE HAIL CO	ATED ECONO SCROLL (LI SCROLL	EAD ONL' ECT DRIV ECT SWIT NG 35 K T PROTEC ORS ON CURB I FAN W/BL EAT EXCH HIGH TUR FD W/HEA OLING OIL GUAR	Y) OR VA E FANS W CH OR C CTION W/ HUSHCO DG PRES ANGER NDOWN ANGER AD PRESS D PROTE	RIABLE SINGERIABLE SINGERIABLE SINGERIZATION FILTER BURE CONTINUES	PEED CO EAKER (D9-53 A N CONTR	MPRESSO ACOUSTIC	AL TREATI	ÆNT.	PORVIDE ORVIDE ORVID ORVIDE ORVIDE ORVIDE ORVIDE ORVIDE ORVIDE ORVIDE ORVIDE	RATED : RATED : AL SCR POW EX FUSED D RT CIRCUIS E ACCE ATION EX FUSED ST LESS ST LLATING DEFLEC CENSER F HEATING CONDEN	OLL (LEAD OF THE CONNECT OF THE COOLING OF THE COOL	ONLY) OR DRIVE FANS SWITCH OR SO K OTECTION JRB W/ HUSH W/BLDG PR EXCHANGER I TURNDOWN R INTAKE H W/HEAD PR GUARD PRO	VARIABLE WYFD, RESSURIZEN NOOD FILLESSURE (LE SPEED T BREAKE DECK DS- ZATION CO TER CONTROL	O COMPR ER -53 ACOL ONTROL,	ESSORS STICAL TRE	EATMENT.	NOTE PROVI	PYIDE WITH: NTEGRAL TO SEE SPECIF 6: IDE WITH: BUILT IN BACK ENTEGRAL META/IBRATION ISOLEROOF JACK	PRAFT DAMI L GRILLE ATORS	H I S FOR AD PER		L REQUIR	EMENTS.											

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RER MODEL NUMBER	DESCRIPTION	S/A						Ţ	OAD						START	ER B	Y: CONTROLL!	D WEIGH	HT REMARKS
		CFM	MBH	SHC	EDB	EWB M	BH	EDB	HP MCA	FLA AI	MPSM	OCP VO	LTPHA	SE HZ.	MC.	EC.	BY		
TPLFYP008FM140A	CEILING CASSETTE (4-WAY AIRFLOW) HEAT PUMP UNIT	280	8.0	•	80	67 9	3.0	D	- 0.3	-	-	15 20	8 1	60	-	×	WALL MTD TS	TAT 40	NOTE 1
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			PUMP SCHEDULE											
							PUMP 1	MOTOR	DATA				SUCTION/	
TAG	MANUFACTURER	MODEL NUMBER	DESCRIPTION	GPM	HEAD	<u>1</u>	RPM	YOLT	PHASE	HZ.	STAR	TER:	DISCHARGE	REMARKS
					(FT.)						MC.	EC.	SIZE	
CP-1	BELL & GOSSETT	SERIES 1510: 4BD	BASE MOUNTED CHILLER RECIRCULATION PUMP (C-1)	411	50	10	1750	460	3	60	×	-	5' / 4'	-
CWP-1	BELL & GOSSETT	SERIES 1510: 2EB	BASE MOUNTED CHILLED WATER DISTRIBUTION PUMP	205.5	115	15	1750	460	3	60	×	-	3' / 2'	-
CWP-2	BELL & GOSSETT	SERIES 1510: 2EB	BASE MOUNTED CHILLED WATER DISTRIBUTION PUMP	2Ø5.5	115	15	175@	460	3	60	×	-	3' / 2'	-

\bigcirc	G	RILLE,	REGISTER	R & DIFF	USER SCH	EDULE		
TAG	MANUFACTURER	MODEL NO.	DESCRIPTION	AIR PATTERN	MOUNTING	SIZE	TYPE OF CONTROL	REMARKS
A3	NAILOR	6500-0	SUPPLY CEILING DIFFUSER	3-WAY	2' × 2' LAY-IN PANEL	SEE Plans	O.B.D.	-
A4	NAILOR	6500-0	SUPPLY CEILING DIFFUSER	4-WAY	2' X 2' LAY-IN PANEL	SEE Plans	O.B.D.	-
A5	NAILOR	6500-0	SUPPLY CEILING DIFFUSER	2-WAY CORNER	2' X 2' LAY-IN PANEL	SEE Plans	O.B.D.	-
ДВ	NAILOR	6500-0	SUPPLY CEILING DIFFUSER	3-WAY	2' X I' LAY-IN PANEL	SEE Plans	O.B.D.	-
RI	NAILOR	6145H-O	RETURN/EXHAUST REGISTER	L <i>o</i> uvered Grille	LAY-IN PANEL	SEE Plans	OBD.	-
ΤI	NAILOR	6145H	RETURN/EXHAUST/T.A. GRILLE	LOUVERED GRILLE	LAY-IN PANEL	SEE Plans	-	-

	RT	-1 VAV	TEI	RMIN	AL S	CHE	DUL	_E				
TAG	MANUFACTURER	MODEL	INLET	CFM SETTI	NG	HW REHE	AT COIL	DATA		CONTROL SEQU	ENCE	REMARKS
			DIA.	MAX CFM	MIN CFM	MBH	GPM	WPD	EWT	OPEN/ CLOSED	OPEN/CLOSED/ OPEN	
14	NAILOR	D30RW-08	8'	655	180	21.3	2.1	5'	180	-	×	-
18	NAILOR	D30RW-12	12"	1,650	455	53.7	5.4	5'	180	-	×	-
10	NAILOR	D30RW-12	12"	1,650	455	53.7	5.4	5'	180	-	×	-

				INTAKE HOOI	SCHED!	JLE
TAG	MANUFACTURER	MODEL *	THROAT SIZE	DESCRIPTION	HOOD LOCATION	REMARKS
IH-1	ACME	#TIV	10×10	OUTSIDE AIR INTAKE HOOD	ROOF OF	PROVIDE W/ BIRDSCREEN, AND 18" HIGH ROOF CURB.



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PROJECT WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED

WORK
CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA

GIBRALTAR DESIGN 9102 N. Meridian St., Ste. 300 Indianapolis, IN 46260 Homepage www.GibraltarDesign.com Email info@GibraltarDesign.com Phone 317.580.5777 Fax 317.580.5778 03/16/23 coordinated e SM

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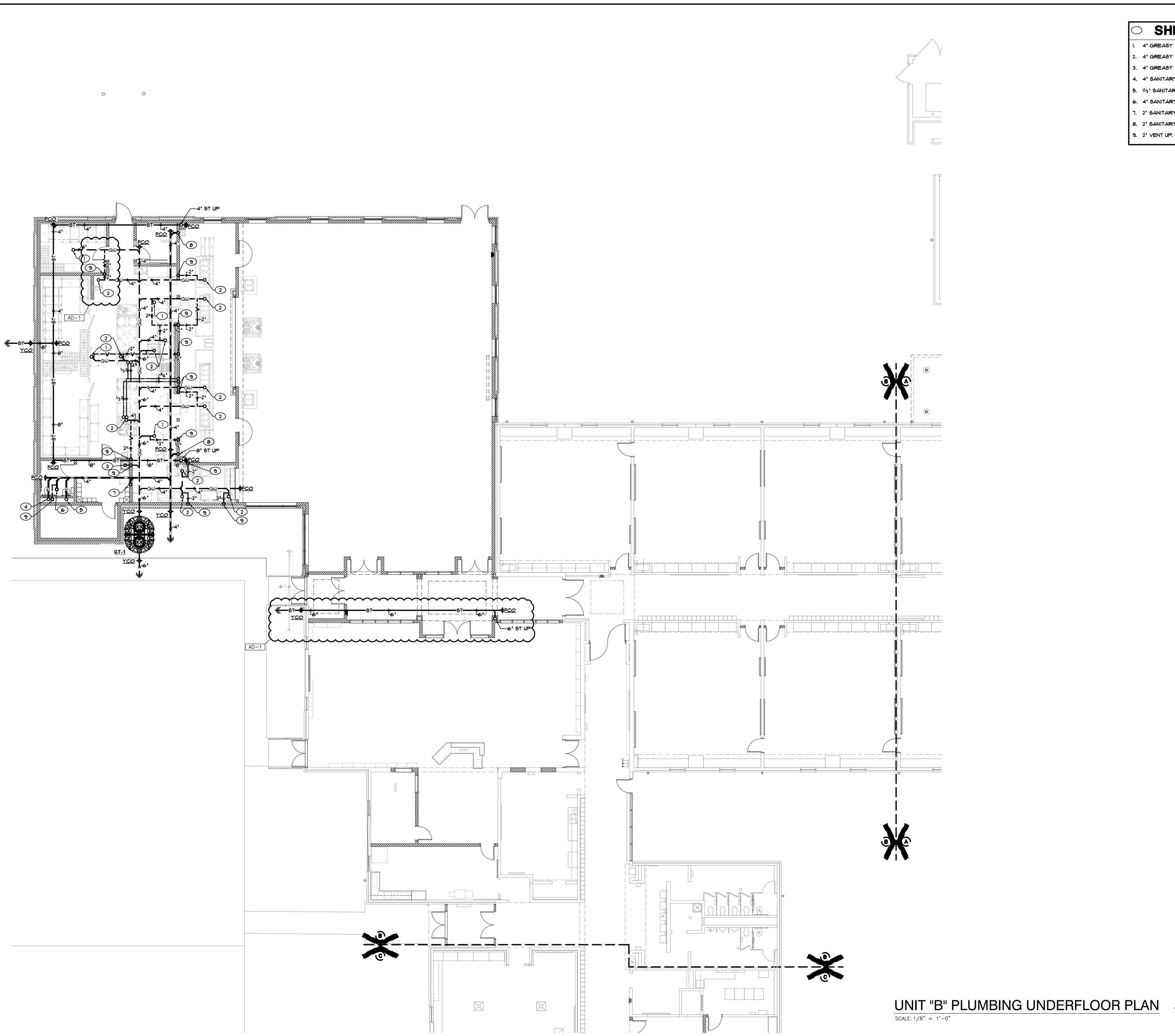
DRAWING MECHANICAL SCHEDULES

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M-601





4" GREASY WASTE UP TO FLOOR SINK.

. 11/2" SANITARY UP TO LAVATORY.

1. 2" SANITARY UP TO PLUMBERS BOX.

8. 2" SANITARY UP TO KITCHEN EQUIPMENT.

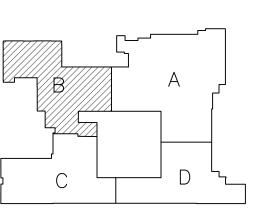
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FIRST FLOOR KEY PLAN

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UNIT "B" PLUMBING

UNDERFLOOR PLAN

PROJECT
WINFIELD ELEMENTARY SCHOOL
2023 ADDITIONS, RENOVATIONS,
AND RELATED WORK

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P-102

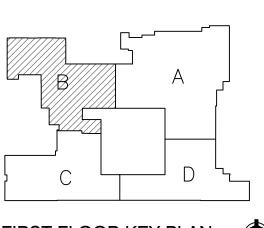






WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



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DRAWING
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2023 ADDITIONS, RENOVATIONS,
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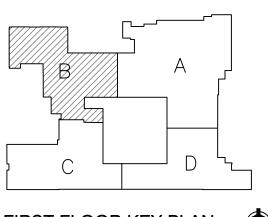
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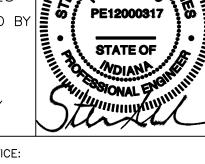
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UNIT "B" PLUMBING ROOF

PROJECT
WINFIELD ELEMENTARY SCHOOL
2023 ADDITIONS, RENOVATIONS,
AND RELATED WORK

P-200 В

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

SYMBOL LIST

TECHNOLOGY

- ELECTRIC DOOR STRIKE STUB 3/4" CONDUIT FROM THE ACCESSIBLE CEILING SPACE TO THE DOOR MULLION FOR WIRING. INTERFACE WIRING FROM THE DOOR STRIKE TO THE DOOR ACCESS SYSTEM FOR A COMPLETE AND PROPERLY OPERATING SYSTEM.
- YIDEO INTERCOM CALL STATION ROUGH-IN ONLY REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION
- DOOR STATUS SENSOR ROUGH-IN ONLY REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION
- PROXIMITY CARD READER ROUGH-IN ONLY REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION
- YOLUME CONTROL ROUGH-IN ONLY REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION
- LED CLOCK ROUGH-IN ONLY REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION
- VOICE/DATA OUTLET ROUGH-IN ONLY REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.
- DATA OUTLET ROUGH-IN ONLY REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.
- VOICE OUTLET WALL MOUNTED TELEPHONE ROUGH-IN ONLY REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.
- WAP WIRELESS LAN ACCESS POINT OUTLET WALL MOUNTED ROUGH-IN ONLY REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.
- POS POINT OF SALE DATA OUTLET ROUGH-IN ONLY REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.
- SPEAKER, HORN TYPE ROUGH-IN ONLY REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION
- VIDEO PROJECTOR CEILING MOUNTED ROUGH-IN ONLY REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION. COORDINATE EXACT MOUNTING HEIGHT OF ADJACENT POWER OUTLET WITH LOW VOLTAGE EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.
- TY PANEL ROUGH-IN ONLY REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION. COORDINATE EXACT MOUNTING HEIGHT OF ADJACENT POWER OUTLET WITH LOW YOLTAGE EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.
- VIDEO SURVEILLANCE CAMERA OUTLET EXTERIOR WALL ROUGH-IN ONLY REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.
- DATA/SOUND CABINET ROUGH-IN ONLY REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.
- WALKER RFB4 SERIES FLUSH FLOOR BOX WITH TWO (2) 20A GROUNDED DUPLEX RECEPTACLES AND ROUGH-IN FOR DATA JACKS REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION FOR LOW VOLTAGE ROUGH-IN. PROVIDE SCRUB-RESISTANT COVER AND COORDINATE FINISH WITH ARCHITECT.
- S SPEAKER CEILING MOUNTED ROUGH-IN ONLY REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.

EQUIPMENT AND WIRING

- JUNCTION BOX SIZE AND TYPE AS REQUIRED.
- __ FLEX CONDUIT CONNECTION
- ELECTRIC PANELBOARDS.
- DISCONNECT SWITCH SIZE AND TYPE AS REQUIRED COORDINATE AMPERE RATING WITH EQUIPMENT SUPPLIER
- COMBINATION MAGNETIC STARTER WITH DISCONNECT SWITCH.
- TRANSFORMER SIZE AND TYPE AS REQUIRED
- SP SURGE SUPPRESSION DEVICE
- CONDUIT STUB INTO ACCESSIBLE CEILING SPACE TERMINATE W/ INSULATING BUSHING
- CONDUIT CONCEALED ABOVE CEILING OR IN WALL

/ CONDUIT CONCEALED IN OR BELOW FINISHED FLOOR.

- ----- CONDUIT EXPOSED ON CEILING, WALL OR BAR JOIST ROUTED IN NEAT MANNER
- MM flexible conduit routed in neat manner within chase of casework.
- THE PANEL.

 INDICATES NUMBER OF CONDUCTORS IN CONDUIT (CONTRACTOR SHALL VERIFY AND INSTALL ADDITIONAL WHERE REQUIRED) CROSS HATCHED INDICATES

/LP-AI * HOMERUN TO PANEL INDICATING PANEL AND CIRCUIT BREAKER NUMBER WITHIN

- NUMBER OF CONDUCTORS (HOT OR SWITCHED LEG, NEUTRAL, GROUND)
- CP CONTROL PANEL
- VARIABLE FREQUENCY DRIVE
- PALM BUTTON, MECHANICALLY HELD WINTEGRAL KEYED RELEASE
- FURNISH 'ASCO', 120Y, NORMALLY CLOSED SOLENOID VALVE FOR USE WITH

 LIQUID GAS OR AIR, BRASS BODY CONSTRUCTION, MOUNTABLE IN ANY POSITION.

 COORDINATE PIPE SIZE AND REQUIREMENTS IN FIELD.
- CONDUIT STUB UP OUT OF FLOOR
- —WM— WIRE MOLD SURFACE RACEWAY COMPLETE WITH ALL ACCESSORIES
 - WIREMOLD *V500 OR *V100 RACEWAY VERTICAL RISER.
 - ALL DEVICES INDICATED WITH SHADED BOX BASE TO BE SURFACE MOUNTED TO THE EXISTING WALL ON WIREMOLD *V500, *V100 SERIES OR EQUAL

SHEET SYMBOLS

- HEXAGON TAG REFERENCE TO EQUIPMENT CONNECTION SCHEDULE

 1 ELLIPSE TAG REFERENCE TO SHEET NOTES
- TWO DEVICE MOUNTED UNDER COMMON COVER. WHERE LOW VOLTAGE DEVICES ARE MOUNTED UNDER COMMON COVER, COMBINE CONDUIT STUBS MAINTAINING. THE EQUIVALENT FREE AREA FOR THE LOW VOLTAGE CABLING.
- REMOVE EXISTING DEVICE AND PROVIDE NEW AS INDICATED IN EXISTING BACK BOX, JUNCTION BOX, ETC. VERIFY EXACT LOCATION AND CONDITIONS IN FIELD. MODIFY EXISTING BACK BOX, JUNCTION BOX, ETC. PROVIDE TRIM PLATES, EXTENSION RINGS, ETC. AS REQUIRED TO MOUNT NEW DEVICE AS INDICATED.
- F#I NEW DEVICE AS INDICATED.
- EX EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICE, ETC. TO REMAIN.
- EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICE, ETC. TO BE
 REMOVED COMPLETE IN ITS ENTIRETY. REMOVE ALL ASSOCIATED SURFACE
 MOUNTED CONDUIT, OUTLETS, ETC. AND BLANK-OFF FLUSH WITH NEW OR EXISTING
 CONSTRUCTION. SEE GENERAL NOTES AND SPECIFICATIONS FOR ADDITIONAL
 INFORMATION
- RR
 REMOVE EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICES, ETC. AND RELOCATE TO NEW LOCATION COMPLETE AS REQUIRED.
- NEW LOCATION OF EXISTING RELOCATED LIGHTS, RECEPTACLES, SPECIAL
 SYSTEMS, DEVICE, ETC. EXTEND CONDUIT, WIRE, CABLE, ETC. COMPLETE AS
 REQUIRED TO NEW LOCATION FOR A COMPLETE AND PROPER INSTALLATION.

FIRE ALARM

FIRE ALARM DEVICES, MOUNTING HEIGHT, ETC. SHALL COMPLY WITH 'ADA' STANDARDS.

AD - MOTORIZED DAMPER - E.C. TO INTERLOCK COMPLETE AS REQUIRED.

- FACP FIRE ALARM CONTROL PANEL
- H FIRE ALARM ANNUNCIATOR PANEL
- AUTOMATIC DIALER FOR FIRE, ELEVATOR, AND/OR SECURITY SYSTEM. EXTEND (2)
 TELEPHONE LINES TO EACH DIALER FROM T.T.B.
- FIRE ALARM PULL STATION MTD 42"AFF.
- FIRE ALARM AUDIO/VISUAL DEVICE MTD. 80" A.F. OR 6" BELOW FINISHED CEILING WHICHEVER IS LOWER. 110 CANDELA
- FIRE ALARM STROBE ONLY MTD 80" AFF. 15 CANDELA
- FIRE ALARM STROBE ONLY MTD 80" AFF. 15 CANDELA
- FIRE ALARM STROBE ONLY MTD 80' AFF. 110 CANDELA
- TI FIRE ALARM STROBE ONLY MTD 80' AFF.

THE FIRE ALARM SYSTEM.

DETECTORS.

- FIRE ALARM SYSTEM HEAT DETECTOR COMBINATION TYPE (R/R FIXED TEMP.)
 IN BOILER ROOM
- FIRE ALARM SYSTEM SMOKE DETECTOR CEILING MOUNTED ABOVE FACE
- FIRE ALARM SYSTEM DUCT TYPE SMOKE DETECTOR WIRED TO CONTROL LOCAL
 FAN SHUT DOWN RELAY DUCT DETECTOR TO BE MOUNTED IN AIR DUCT SYSTEM
- D AND WIRED PER MANUFACTURER'S RECOMMENDATIONS AND NFPA 12
- FIRE ALARM CONTROL RELAY IN AIR HANDLING UNIT CONTROL PANEL WIRED TO SHUT DOWN FANS UPON FIRE ALARM SYSTEM ACTIVATION NOTE: FANS TO AUTOMATICALLY RESTART UPON FIRE ALARM SYSTEM RESET. ALSO, RELAYS SHALL BE INTERFACED TO FIRE DOORS TO DISENGAGE UPON ACTIVATION OF

REMOTE SMOKE DETECTOR TEST STATION WITH LED AND KEYED SWITCH.

- SMOKE FIRE DAMPER, CONNECT CONTROL WIRING TO ASSOCIATED SMOKE DUCT
- SMOKE DAMPER, CONNECT CONTROL WIRING TO ASSOCIATED SMOKE DUCT DETECTORS.
- ELECTROMAGNETIC WALL MOUNTED DOOR HOLDER OR WIRE HARDWARE INSTALLED DOOR CLOSER COMPLETE AS REQUIRED. CONTRACTOR SHALL COORDINATE EXACT LOCATION AND MOUNTING STYLE WITH DOOR SCHEDULE PRIOR TO ROUGHING IN FOR SAME.

SWITCHING

- GENERAL PURPOSE 1-POLE SWITCH (TYPICAL MOUNTED 42" A.F.F.) (HUBBELL OR EQUAL) PROVIDE LOW VOLTAGE STYLE SWITCH WHERE REQUIRED TO INTERFACE WITH LIGHTING CONTROL POWER PACK TO ACCOMPLISH REQUIRED LIGHTING CONTROL
- GENERAL PURPOSE 3-WAY SWITCH MTD 42" AFF (HUBBELL OR EQUAL) PROVIDE LOW VOLTAGE STYLE SWITCH WHERE REQUIRED TO INTERFACE WITH LIGHTING CONTROL POWER PACK TO ACCOMPLISH REQUIRED LIGHTING CONTROL SEQUENCE.
- GENERAL PURPOSE FOUR WAY SWITCH MTD. 42" AFF (HUBBELL OR EQUAL) PROVIDE LOW VOLTAGE STYLE SWITCH WHERE REQUIRED TO INTERFACE WITH LIGHTING CONTROL POWER PACK TO ACCOMPLISH REQUIRED LIGHTING CONTROL SEQUENCE.
- FURNISH AND INSTALL WALL SWITCH SINGLE BUTTON DUAL TECHNOLOGY OCCUPANCY SENSOR WITH MANUAL ON OPERATION MTD 42" AFF: SENSORSWITCH *WSX-PDT OR
- APPROVED EQUAL BY EATON, LEVITON OR HUBBELL CONTROLS.

 0-107 DIMMER SWITCH (TYPICAL MOUNTED 42" AFF.) (PROVIDE LEVITON OR

LUTRON DIMMER - COORDINATE EXACT MODEL WITH OWNER AND WITH FIXTURE

- WALL MOUNTED 0-10Y DIMMER SWITCH MTD 42" AFF WITH DUAL TECHNOLOGY OCCUPANCY SENSOR: SENSORSWITCH, COOPER OR HUBBELL CONTROLS. YERIFY
- FURNISH AND INSTALL CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR
 WITH POWER PACK. MANUFACTURERS: SENSORSWITCH *CM-PDT-10-MP-20 (WITH
 MICROPHONICS) OR APPROVED EQUAL BY EATON, LEVITON OR HUBBELL CONTROLS.

SENSOR SHALL BE PROGRAMMED FOR MANUAL ON UNLESS OTHERWISE NOTED.

SUITABILITY OF DIMMER WITH FIXTURE MANUFACTURER PRIOR TO ORDERING.

K
\$ KEY OPERATED TOGGLE TYPE SWITCH

MANUFACTURER FOR COMPATIBILITY)

- PROJECTOR SCREEN SWITCH ROUGH-IN. PROVIDE SUITABLE BACK BOX AND STAINLESS STEEL ENGRAVED COVER PLATE FOR SWITCH DEVICES FURNISHED BY EQUIPMENT SUPPLIER.
- MANUAL STARTING SWITCH WITH THERMAL OVERLOAD PROTECTION

RECEPTACLES

- 120V-20A SPECIFICATION GRADE DUPLEX RECEPTACLE (MOUNTED 18" A.F.F. OR AS NOTED) (HUBBELL #5362 OR EQUAL).
- 120V-20A SPECIFICATION GRADE DUPLEX RECEPTACLE (MOUNTED 42" AFF. OR 2" ABOVE BACKSPLASH IF LOCATED ABOVE COUNTER) (HUBBELL #5362 OR EQUAL)
- 120V-20A SPECIFICATION GRADE DUPLEX RECEPTACLE (MOUNTED AT SPECIAL
- 120Y-20A SPECIFICATION GRADE GROUNDED DUPLEX RECEPTACLE WITH G.F.I. PROTECTION - (MOUNTED 18" A.F.F. OR AS NOTED) (HUBBELL "GF20 OR EQUAL)

HEIGHT - COORDINATE IN FIELD) (HUBBELL #5362 OR EQUAL)

- 120Y-20A SPECIFICATION GRADE GROUNDED DUPLEX RECEPTACLE WITH G.F.I.
 PROTECTION (MOUNTED 42" A.F.F. OR 2" ABOVE BACKSPLASH IF LOCATED ABOVE
- SPECIAL PURPOSE OUTLET (AS NOTED ON PLAN OR SPECIFICATIONS).

COUNTER) (HUBBELL *GF20 OR EQUAL)

120V-20A SPECIFICATION GRADE GROUNDED DUPLEX RECEPTACLE WITH G.F.I.
PROTECTION (HUBBELL *GF20 OR EQUAL) - MOUNTED IN WIREMOLD *525 SERIES
ABOVE FLOOR BOX. PROVIDE FLOOR BOX AND ADAPTER TO MOUNT TO BOX.



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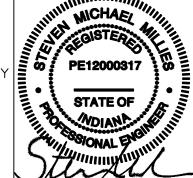
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ELECTRICAL SYMBOLS

PROJECT
WINFIELD ELEMENTARY SCHOOL
2023 ADDITIONS, RENOVATIONS,

AND RELATED WORK

SHEET

SHEET

Thursday, 3/30/2023 — 3:12 PM — LAST SAVED BY:/ K:\2022\2210190 CROWN POINT WINFIELD ELEMENTARY DRAWINGS\F—001 DWG

GENERAL NOTES

- 1. THE DEVICES SHOWN ON THE DRAWINGS HAVE BEEN LOCATED AS A SERVICE TO THE CONTRACTOR AND MAY NOT INDICATE THE COMPLETE SCOPE OF DEMOLITION WORK, CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND VERIFY THE COMPLETE SCOPE OF DEMOLITION WORK WITH ARCHITECT.
- 2. DISCONNECT AND REMOVE EXISTING LIGHTING (LABELED AND SHOWN AS 'ER') AND RELATED CIRCUITRY BACK TO NEAREST JUNCTION BOX COMPLETE AS REQUIRED. RETAIN ALL ASSOCIATED WIRING, CONDUIT, ETC. FOR USE WITH NEW LIGHTING AND CONTROLS.
- 3. CONTRACTOR SHALL CAREFULLY VERIFY EXISTING CONDUITS, BOXES, DEVICES, EQUIPMENT, LOW VOLTAGE DEVICES, ETC. LOCATED ON THE CEILING AND ON THE WALLS IN WHICH ARCHITECTURAL MODIFICATIONS, STRUCTURAL MODIFICATION OR NEW CEILINGS WILL BE LOCATED. CONTRACTOR SHALL REMOVE AND RELOCATE ALL CEILING AND WALL MOUNTED DEVICES AS REQUIRED TO ELIMINATE CONFLICTS BETWEEN EXISTING DEVICES AND ARCHITECTURAL/STRUCTURAL MODIFICATIONS. PROVIDE NEW SURFACE RACEWAY AND SURFACE RACEWAY BACKBOXES AS REQUIRED FOR ALL RELOCATED DEVICES, COMPLETE AS REQUIRED.
- I. ALL LIGHT SWITCHES, SENSORS AND CONTROL DEVICES THAT BECOME ABANDONED AS PART OF THE WORK SHALL BE REMOVED.
- 5. CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS OF MECHANICAL AND PLUMBING EQUIPMENT THAT ARE REMOVED AS PART OF THIS WORK OR HAS BEEN PREVIOUSLY REMOVED BY OTHERS. ALL ABANDONED ELECTRICAL CONNECTIONS, WIRING, ACCESSIBLE CONDUIT, ETC. ARE TO BE REMOVED BACK TO SOURCE PANEL, COMPLETE AS REQUIRED.
- 6. CONTRACTOR SHALL CAREFULLY REMOVE ALL CLASSROOM LIGHTING FIXTURES AND CONTROLS (LABELED AND SHOWN AS 'ER'), AND RETURN TO OWNER.

SHEET NOTES

- 1. EXISTING WIRE MOLD SURFACE RACEWAY TO BE REMOVED AS REQUIRED FOR COMPLETION OF NEW DROP CEILING. PROVIDE NEW CONDUIT ABOVE CEILING FOR 120Y POWER.
- 2. EXISTING ROOF TOP UNIT TO BE REMOVED. DISCONNECT AND REMOVE CONDUIT AND WIRING BACK TO SOURCE PANEL. WHERE EXISTING CIRCUITRY MATCHES NEW CIRCUITING AND WIRING REQUIREMENTS PER NEW MECHANICAL EQUIPMENT SCHEDULE, EXISTING WIRING AND CONDUIT MAY BE REUSED TO RECONNECT NEW EQUIPMENT. YERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD, COMPLETE AS REQUIRED.
- 3. EXISTING PULL BOX TO REMAIN.
- 4. REMOVE PORTION OF EXISTING WIRE MOLD SURFACE RACEWAY TO ACCOMMODATE NEW DOOR, PROVIDE NEW END CAP AS REQUIRED.
- 5. EXISTING MAINTENANCE BUILDING TO BE DEMOLISHED. DISCONNECT AND REMOVE EXISTING ELECTRICAL CONNECTIONS. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD, COMPLETE AS REQUIRED.
- 6. EXISTING UNIT VENTILATOR TO BE REMOVED. DISCONNECT AND REMOVE EXISTING ELECTRICAL CONNECTION AS REQUIRED.
- 1. CAREFULLY REVIEW EXISTING CONDUITS, CEILING DEVICES
 AND LIGHTING FIXTURES IN THIS SPACE AND REVIEW FOR
 CONFLICTS WITH NEW MECHANICAL EQUIPMENT
 INSTALLATION. REMOVE AND RELOCATE CONDUITS, CEILING
 DEVICES, LIGHTING FIXTURES, BOXES, ETC. AS REQUIRED TO
 ACCOMMODATE MECHANICAL INSTALLATIONS, COMPLETE
 AS REQUIRED.
- 3. EXISTING SURFACE MOUNTED SPEAKER TO BE REMOVED AND RELOCATED TO NEW DROP CEILING. REVISE AND EXTEND EXISTING 120V POWER CONNECTION AS REQUIRED. REFER TO TECHNOLOGY PLANS FOR ADDITIONAL INFORMATION.



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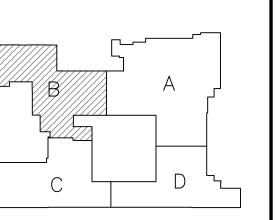


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UNIT "B" ELECTRICAL FIRST FLOOR DEMOLITION PLAN

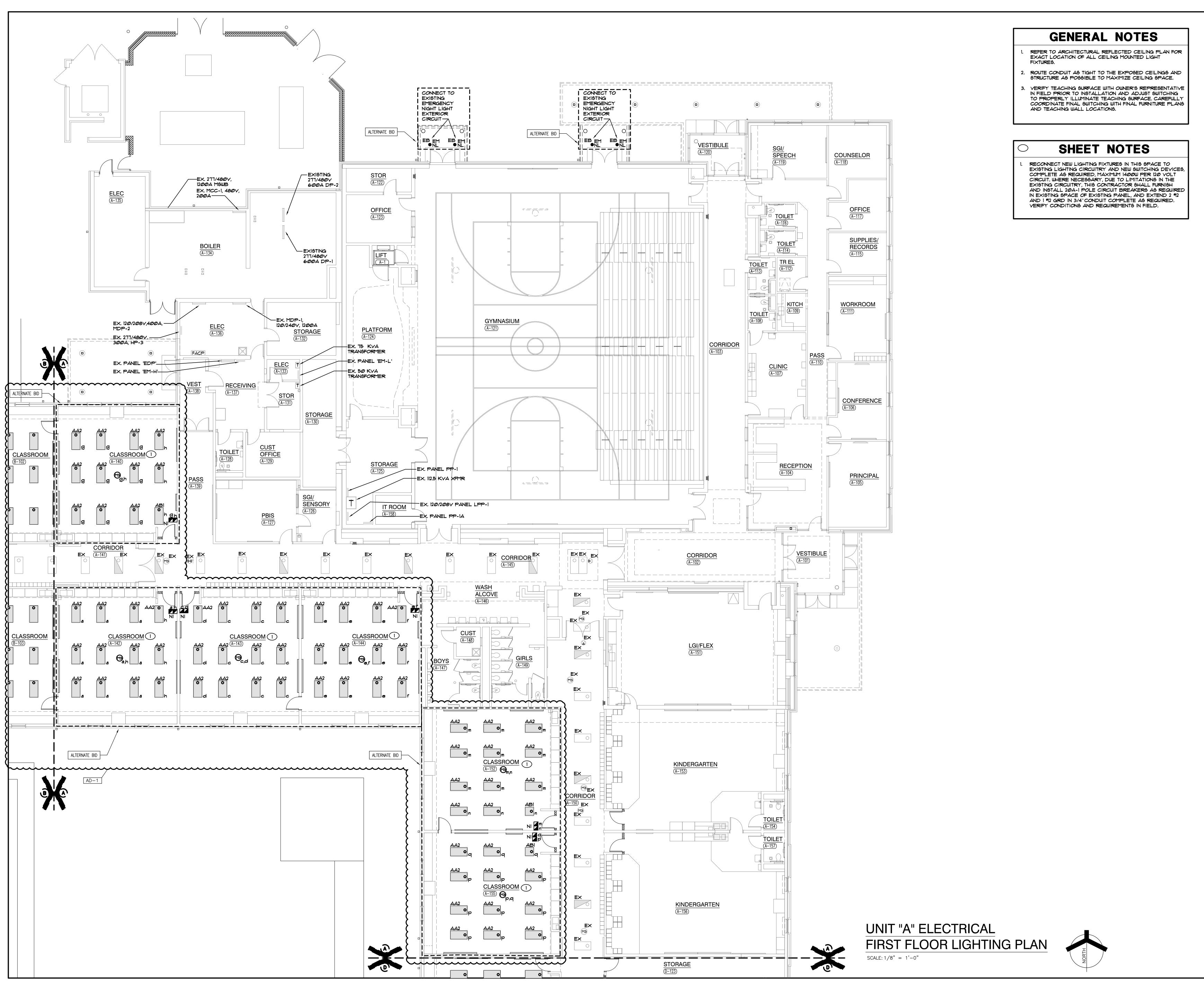
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UNIT "B" ELECTRICAL
FIRST FLOOR DEMOLITION PLAN

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



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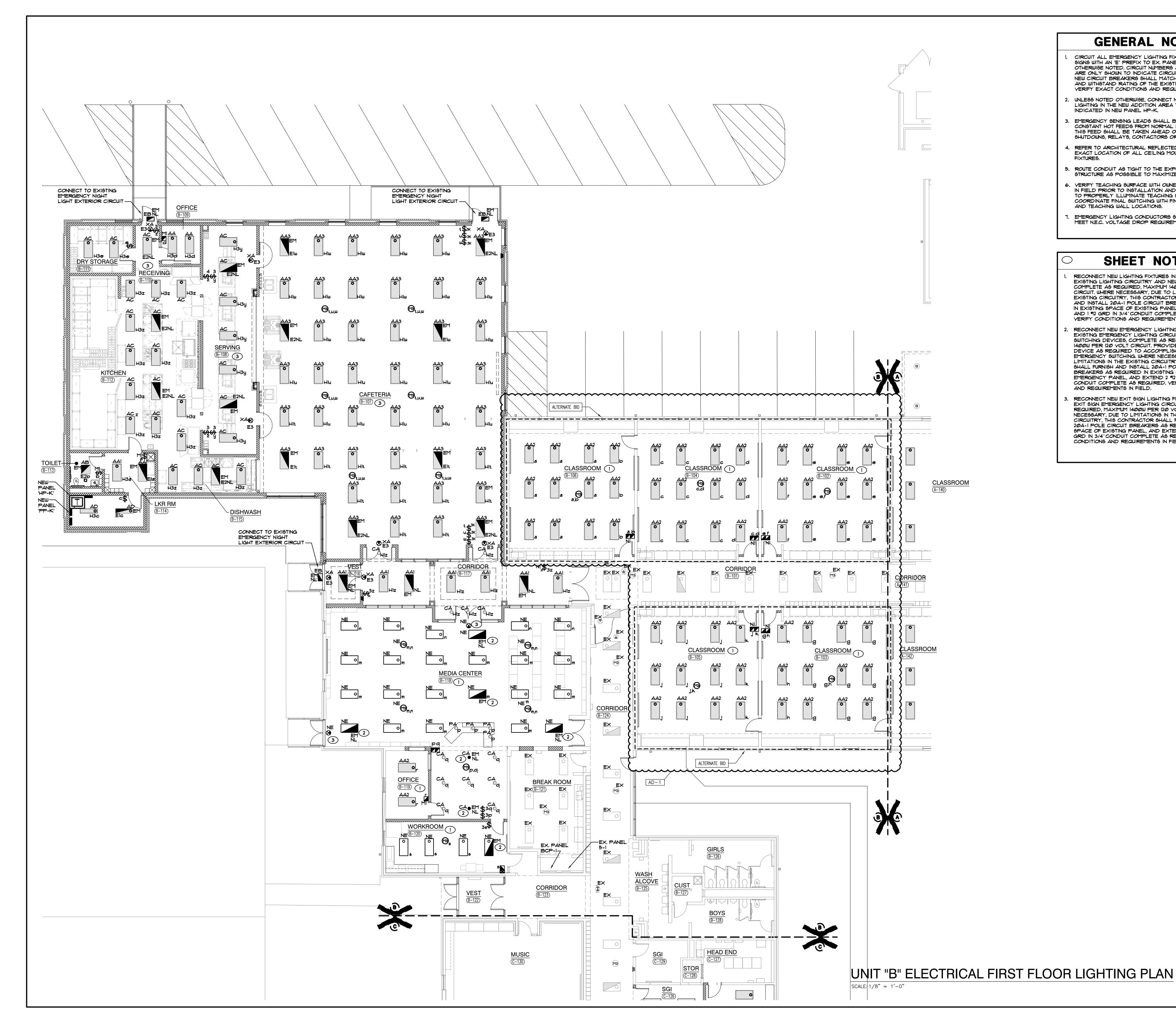
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UNIT "A" ELECTRICAL FIRST FLOOR LIGHTING PLAN

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A EL101



GENERAL NOTES

- CIRCUIT ALL EMERGENCY LIGHTING FIXTURES AND EXIT SIGNS WITH AN 'E' PREFIX TO EX. PANEL EM-L UNLESS OTHERWISE NOTED. CIRCUIT NUMBERS ARE ARBITRARY AND ARE ONLY SHOWN TO INDICATE CIRCUITING REQUIREMENTS. NEW CIRCUIT BREAKERS SHALL MATCH THE MAKE, MODEL AND WITHSTAND RATING OF THE EXISTING PANELBOARD. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
- 2. UNLESS NOTED OTHERWISE, CONNECT NEW NORMAL POWER LIGHTING IN THE NEW ADDITION AREA TO CIRCUITS INDICATED IN NEW PANEL HP-K.
- EMERGENCY SENSING LEADS SHALL BE CONNECTED TO CONSTANT HOT FEEDS FROM NORMAL LIGHTING IN ROOM. THIS FEED SHALL BE TAKEN AHEAD OF ANY EMERGENCY SHUTDOWNS, RELAYS, CONTACTORS OR SWITCHES.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT
- 5. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
- 6. YERIFY TEACHING SURFACE WITH OWNER'S REPRESENTATIVE IN FIELD PRIOR TO INSTALLATION AND ADJUST SWITCHING TO PROPERLY ILLUMINATE TEACHING SURFACE. CAREFULLY COORDINATE FINAL SWITCHING WITH FINAL FURNITURE PLANS AND TEACHING WALL LOCATIONS.
- EMERGENCY LIGHTING CONDUCTORS SHALL BE SIZED TO MEET N.E.C. VOLTAGE DROP REQUIREMENTS.

SHEET NOTES

- RECONNECT NEW LIGHTING FIXTURES IN THIS SPACE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 YOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #12 AND 1 *12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
- RECONNECT NEW EMERGENCY LIGHTING FIXTURES TO EXISTING EMERGENCY LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 YOLT CIRCUIT. PROVIDE UL924 RELAY DEVICE AS REQUIRED TO ACCOMPLISH REQUIRED EMERGENCY SWITCHING. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING EMERGENCY PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
- RECONNECT NEW EXIT SIGN LIGHTING FIXTURES TO EXISTING EXIT SIGN EMERGENCY LIGHTING CIRCUITRY COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 YOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 *12 AND 1 *12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.



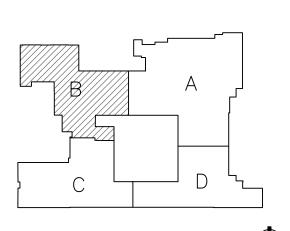
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ADDITIONS, RENOVATIONS, AND RELATED

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UNIT "B" ELECTRICAL FIRST FLOOR LIGHTING PLAN

WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED WORK

В

EL102

GENERAL NOTES

- CIRCUIT ALL EMERGENCY LIGHTING FIXTURES AND EXIT SIGNS WITH AN 'E' PREFIX TO EX. PANEL EM-L UNLESS OTHERWISE NOTED. CIRCUIT NUMBERS ARE ARBITRARY AND ARE ONLY SHOWN TO INDICATE CIRCUITING REQUIREMENTS. NEW CIRCUIT BREAKERS SHALL MATCH THE MAKE, MODEL AND WITHSTAND RATING OF THE EXISTING PANELBOARD. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
- 2. EMERGENCY SENSING LEADS SHALL BE CONNECTED TO CONSTANT HOT FEEDS FROM NORMAL LIGHTING IN ROOM. THIS FEED SHALL BE TAKEN AHEAD OF ANY EMERGENCY SHUTDOWNS, RELAYS, CONTACTORS OR SWITCHES.
- 3. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT
- 4. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
- 5. YERIFY TEACHING SURFACE WITH OWNER'S REPRESENTATIVE IN FIELD PRIOR TO INSTALLATION AND ADJUST SWITCHING TO PROPERLY ILLUMINATE TEACHING SURFACE. CAREFULLY COORDINATE FINAL SWITCHING WITH FINAL FURNITURE PLANS AND TEACHING WALL LOCATIONS.

SHEET NOTES

- RECONNECT NEW LIGHTING FIXTURES IN THIS SPACE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #12 AND 1 *12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
- RECONNECT NEW EMERGENCY LIGHTING FIXTURES TO EXISTING EMERGENCY LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 YOLT CIRCUIT. PROVIDE UL924 RELAY DEVICE AS REQUIRED TO ACCOMPLISH REQUIRED EMERGENCY SWITCHING. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING EMERGENCY PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.

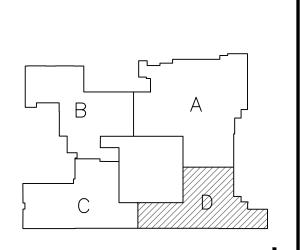


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WINFIELD **ELEMENTARY** ADDITIONS, RENOVATIONS, AND RELATED

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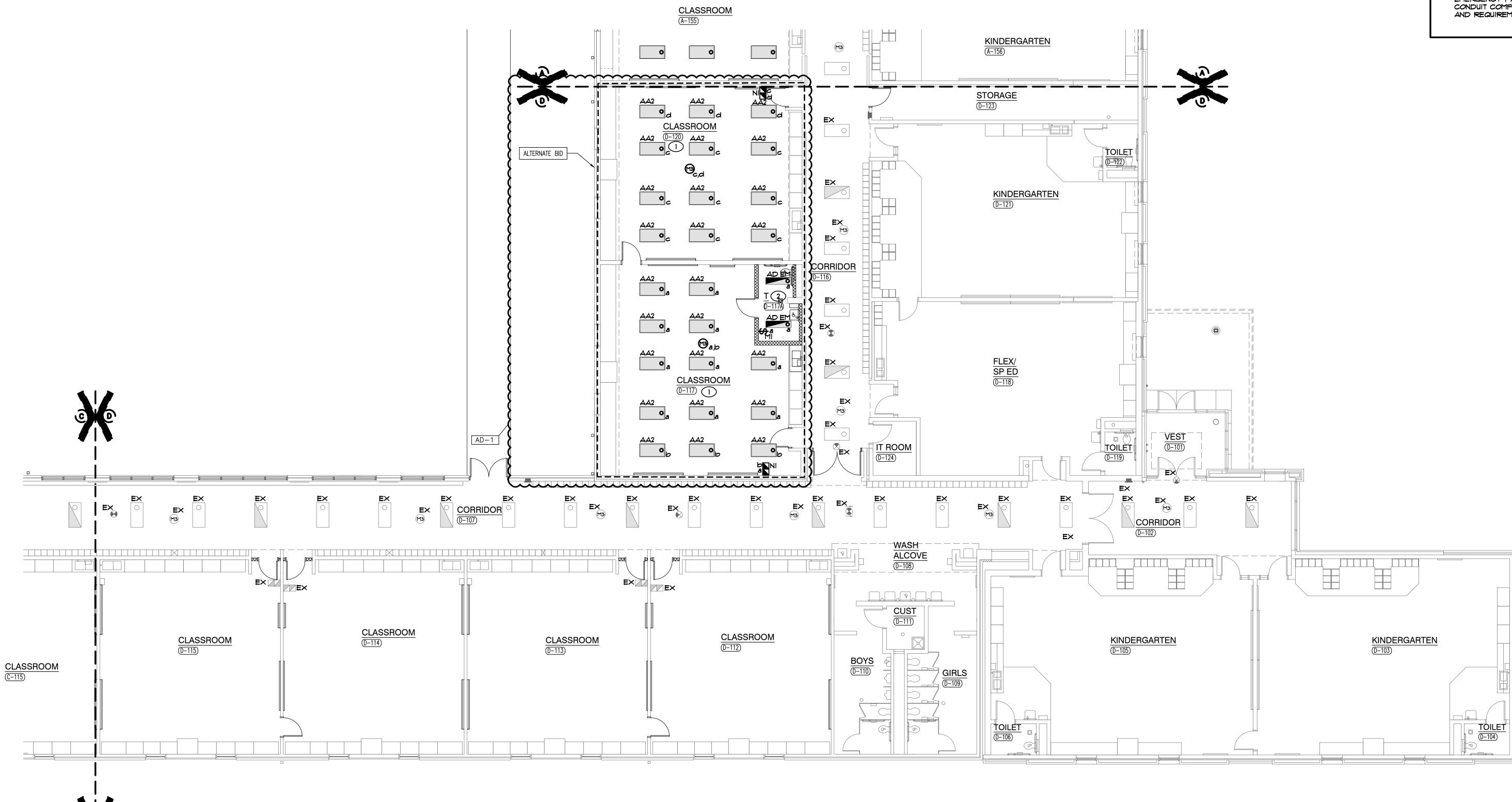
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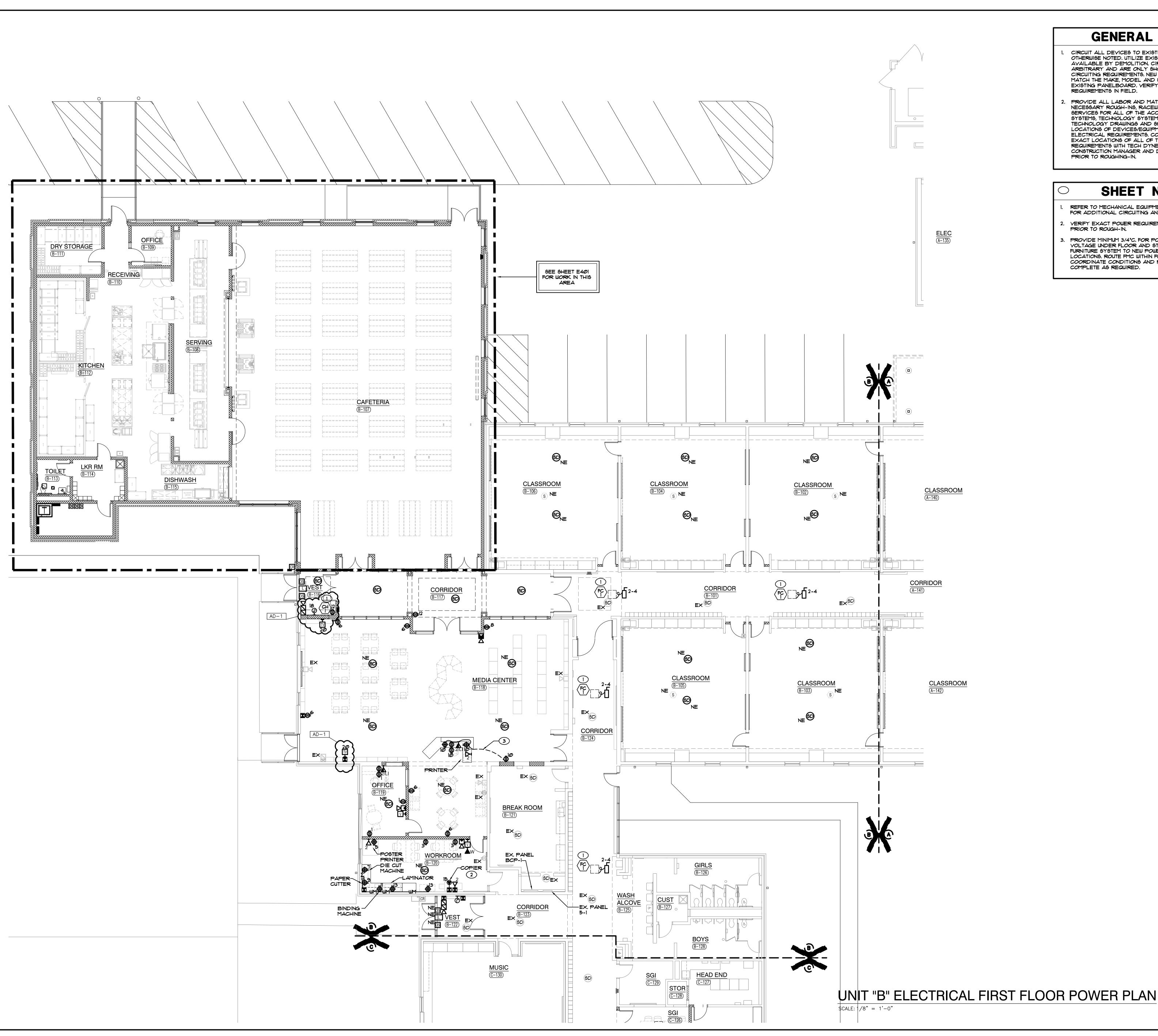
UNIT "D" ELECTRICAL FIRST FLOOR LIGHTING

WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED WORK

GIBRALTAR DESIGN SHEET

EL104







- CIRCUIT ALL DEVICES TO EXISTING PANEL BCP-1 UNLESS OTHERWISE NOTED. UTILIZE EXISTING CAPACITY MADE AVAILABLE BY DEMOLITION. CIRCUIT NUMBERS ARE ARBITRARY AND ARE ONLY SHOWN TO INDICATE CIRCUITING REQUIREMENTS. NEW CIRCUIT BREAKERS SHALL MATCH THE MAKE, MODEL AND WITHSTAND RATING OF THE EXISTING PANELBOARD. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
- PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR PRIOR TO ROUGHING-IN.

SHEET NOTES

- REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL CIRCUITING AND WIRING INFORMATION.
- VERIFY EXACT POWER REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.
- 3. PROVIDE MINIMUM 3/4"C. FOR POWER AND 1-1/4"C. FOR LOW YOLTAGE UNDER FLOOR AND STUBBED UP WITHIN NEW FURNITURE SYSTEM TO NEW POWER AND DATA OUTLET LOCATIONS. ROUTE FMC WITHIN FURNITURE SYSTEM. COORDINATE CONDITIONS AND REQUIREMENTS IN FIELD, COMPLETE AS REQUIRED.

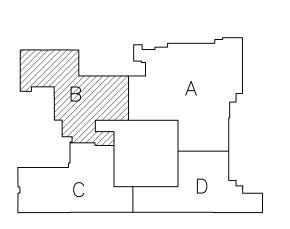


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WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



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UNIT "B" ELECTRICAL FIRST FLOOR POWER PLAN

WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED WORK



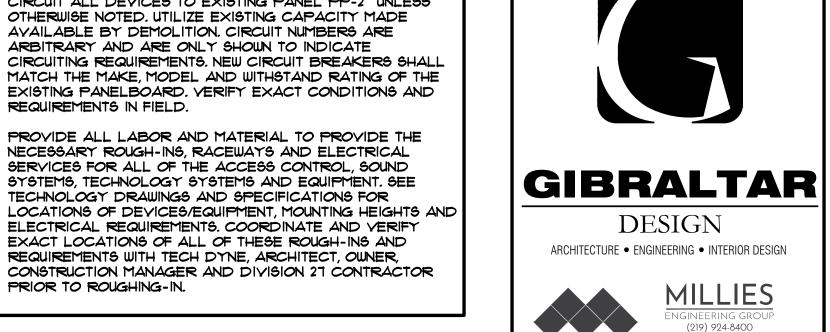
EP102

GENERAL NOTES

- CIRCUIT ALL DEVICES TO EXISTING PANEL PP-2 UNLESS OTHERWISE NOTED. UTILIZE EXISTING CAPACITY MADE AVAILABLE BY DEMOLITION. CIRCUIT NUMBERS ARE ARBITRARY AND ARE ONLY SHOWN TO INDICATE CIRCUITING REQUIREMENTS. NEW CIRCUIT BREAKERS SHALL MATCH THE MAKE, MODEL AND WITHSTAND RATING OF THE EXISTING PANELBOARD. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
- NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR PRIOR TO ROUGHING-IN.

SHEET NOTES

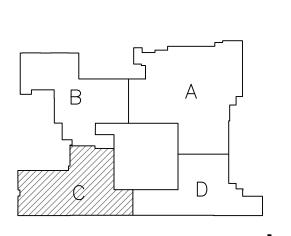
REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL CIRCUITING AND WIRING INFORMATION.



WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED WORK

PROJECT

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



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UNIT "C" ELECTRICAL

FIRST FLOOR POWER PLAN

WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED WORK

EP103



EX. PANEL BCP-I-

GENERAL NOTES

1. CIRCUIT ALL DEVICES TO NEW PANEL PP-K UNLESS OTHERWISE NOTED.

2. CIRCUIT ALL DEVICES WITH AN 'E' PREFIX TO EXISTING PANEL EM-L UNLESS OTHERWISE NOTED. CIRCUIT NUMBERS ARE ARBITRARY AND ARE ONLY SHOWN TO INDICATE CIRCUITING REQUIREMENTS. NEW CIRCUIT BREAKERS SHALL MATCH THE MAKE, MODEL AND WITHSTAND RATING OF THE EXISTING PANELBOARD. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.

SHEET NOTES

REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL CIRCUITING AND WIRING INFORMATION.

- 2. COORDINATE ROOFTOP PLACEMENT OF EXHAUST AND MAKE UP AIR FANS, FREEZER/COOLER CONDENSING UNITS
- 3. LOCATE WEATHERPROOF GFI TYPE RECEPTACLE ON UNIT IN AN APPROVED MANNER, COMPLETE AS REQUIRED.
- 4. CONNECT RECEPTACLE TO NEAREST 120Y GENERAL RECEPTACLE CIRCUIT WITH AVAILABLE CAPACITY (MAXIMUM 1400W PER 120Y CIRCUIT). UTILIZE EXISTING CAPACITY MADE AVAILABLE BY DEMOLITION. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD, COMPLETE AS



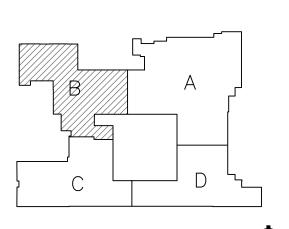
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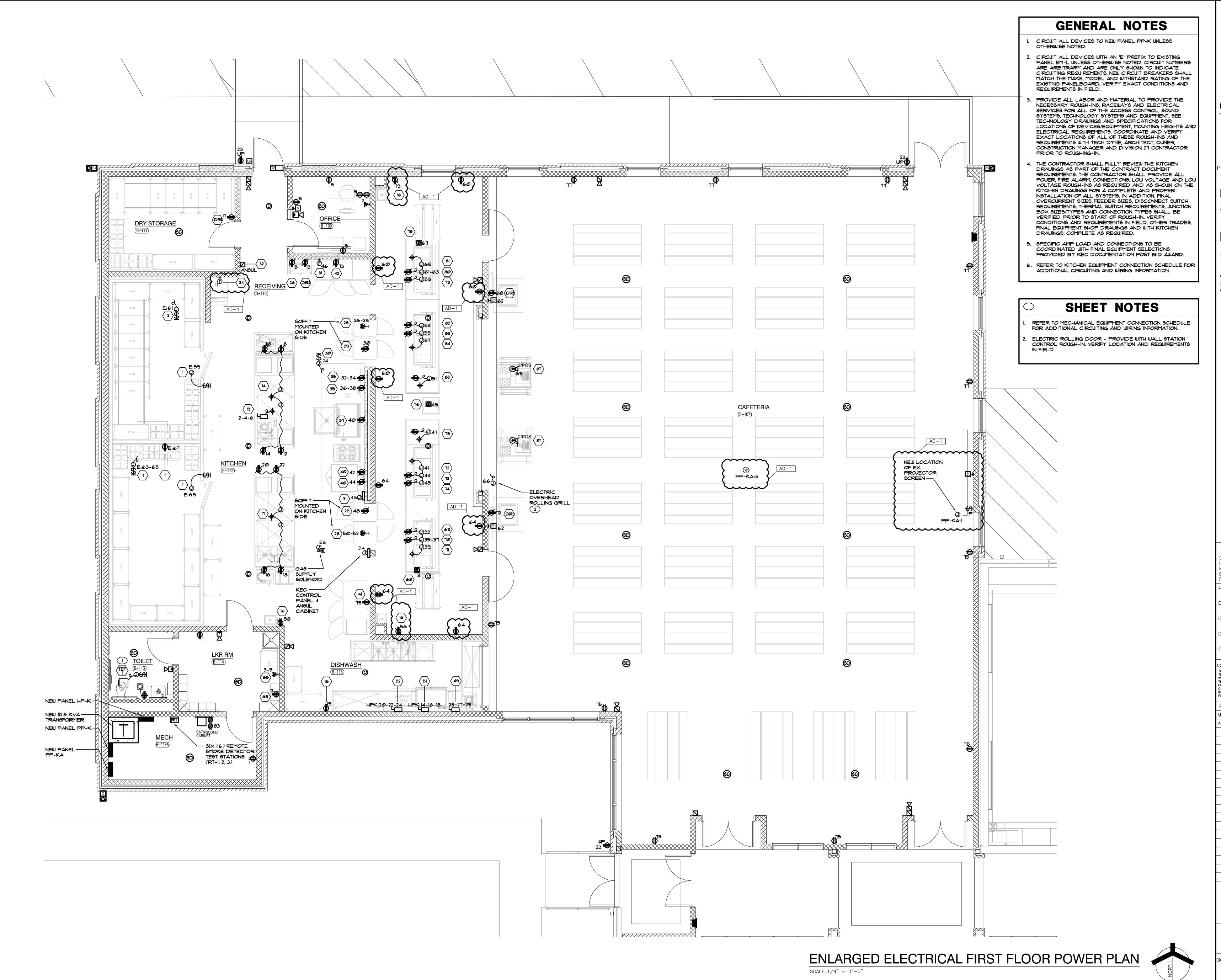
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UNIT "B" ELECTRICAL ROOF POWER PLAN

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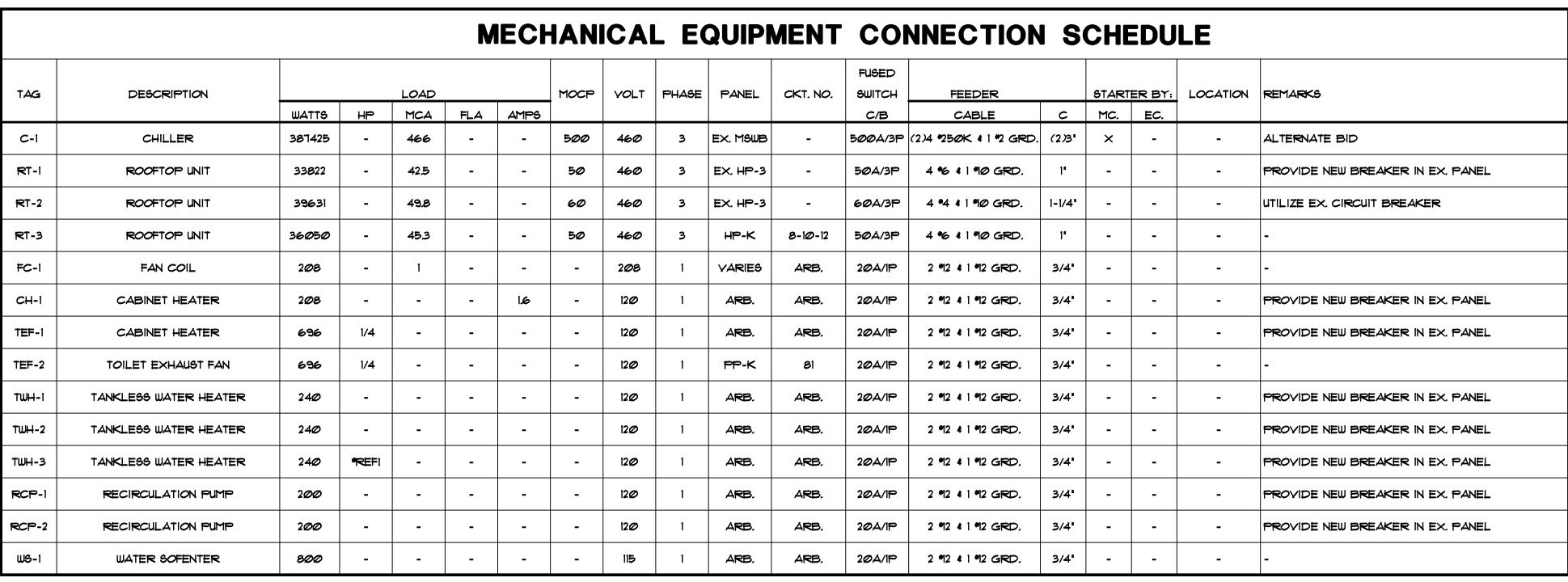
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2023 ADDITIONS, RENOVATIONS,
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EP401



	PUMP EQUIPMENT CONNECTION SCHEDULE														
TAG	DESCRIPTION	L <i>OA</i> D WATTS	ΗP	MOCP	YO LT	PHASE	PANEL	CKT. NO.	FUSED SWITCH C/B	FEEDER CABLE	c	START	ED BY:	LOCATION	REMARKS
CP-1	CHILLER PUMP	11601	10	-	460	3	EX. MCC-1	-	25A/3P	4 40 \$ 1 40 GRD.	3/4"	-	-	-	PROVIDE NEW FUSED SWITCH IN EX. MCC-1
CWP-1	CHILLED WATER PUMP	17400	15	-	460	3	EX. MCC-1	-	40A/3P	4 *8 \$ 1 *10 GRD.	3/4"	-	-	-	PROVIDE NEW FUSED SWITCH IN EX. MCC-1
CWP-2	CHILLED WATER PUMP	17400	15	-	460	3	EX. MCC-1	-	40A/3P	4 *8 \$ 1 *10 GRD.	3/4"	-	-	-	PROVIDE NEW FUSED SWITCH IN EX. MCC-1

FOR ADDITIONAL INFORMATION

TOTAL KW: 215.0		ENCLO	OSURE: 1	VEMA-1		PHA	SE:	3 ¢			VOLTA	4GE:	277 / 48Ø
MOUNTING: SURFACE		BUSSIN	VG: COF	PER		FAUL	_T Cl	IRRENT	RATING	:	22K	AIC	MCB(AMPS): 400
EEDER: 4* 500 4 1 *3	GRD	- 3-1/2	'C			LOC	ATIO	N: MECH	1 B-1144	,			
		/B		LOAD					LOAD			/B	
LOAD DESCRIPTION	TRIP	POLE	Дф	B¢	Сф	CCT	. NO.	Дф	B¢	C¢	TRIP	POLE	LOAD DESCRIPTION
LTG UNIT B	20	1	4400			1	2	31,999			175	•	
LTG UNIT B	20	1		4400		3	4		33,361				112.5 KVA XFMR
SPARE	20	1				5	6			36,369		3	
6PARE	20	1				٦	8	12Ø17			50		
SPARE	20	1				9	10		12017				RT-3
SPARE	20	1				11	12			12Ø17		3	
SPACE						13	14	18444			85		
SPACE						15	16		18444]		DW BOOSTER HEATER
6PACE						17	18			18444		3	
6PACE						19	20	4350			20		
SPACE						21	22		4350		1		DW BLOWER DRYER
SPACE						23	24			4350	1	3	
SPACE						25	26						SPACE
6PACE						27	28						SPACE
SPACE						29	3Ø						SPACE
SPACE						31	32						SPACE
SPACE						33	34						SPACE
6PACE						35	36						SPACE
SPACE						37	38						SPACE
SPACE						39	40						SPACE
6PACE						41	42						SPACE
	-		4400	4400	Ø			66810	68172	TIISØ			
						_					•		71,210

TOTAL KW: 1.4		ENCL	NCLOSURE: NEMA-1					3¢			YOLT,	AGE:	120 / 208	
MOUNTING: SURFACE		Bussi	NG: CC	PPER	ı	FAU	_T CU	IRREN	RATIN	NG: 22,	000			
FEEDER: 4 *6 4 1 *10	GRD					_			H B-11				•	
		C/B		LOAD)	1			LOAD			2/B		
LOAD DESCRIPTION	TRIP	POLE	AV	190	C.	CCT	. NO.	Дф	B¢	Сф	TRIP	POLE	LOAD DESCR	
PROJECTOR	20	1	600			1	2				20	1	SPARE	
PROJECTOR SCREEN	20	1		800		3	4				20	1	SPARE	
SPARE	1/8					5	6				20	1	SPARE	
SPARE	20	1				٦	8				20	1	SPARE	
SPARE	20	1				9	10				20	1	SPARE	
SPARE	20	1				11	12				20	1	SPARE	
SPARE	20	1				13	14				20	1	SPARE	
SPARE	20	1				15	16				20	1	SPARE	
SPARE	20	1				17	18				20	1	SPARE	
SPACE						19	20						SPACE	
SPACE						21	22						SPACE	
SPACE						23	24						SPACE	
	•	•	600	800	Ø		•	0	Ø	Ø			•	
			600	800	Ø	J		0	Ø	0	J	۸_	600	

TOTAL KW: 1036		ENCL	OSURE:	NEMA	1 -1	PHA	SE:	3¢			YOLTA	4GE:	120 / 208
MOUNTING: SURFACED			NG: CC			FAUL	-T Cl	JRREN	T RATIN	NG: 22,0	000	AIC	MLO(AMPS): 400
EEDER: 4* 500 \$ 1 *3	GRD	•							SH B-11	•			
		C/B		LOAD					LOAD		C	/B	
LOAD DESCRIPTION	TRIP	POLE	Дф	B¢	C¢	CCT	. NO.	Дф	B♦	C¢	TRIP	POLE	LOAD DESCRIPTION
REC - LOCKER AREA	20	1	800			1	2	385			20		
65 - DRYER	30			2496		3	4		385				#19 - GARBAGE DISP.
		2			2496	ь	6			385		3	
*65 - WASHER	20	1	1920			٢	8	1920			20	1	#14 - ISLAND WORKTABL
REC - OFFICE D-118	20	1		1000		ŋ	10		1920		20	1	#14 - ISLAND WORKTABL
24 - ICE MAKER	20	1			1380	11	12			1920	20	1	#14 - ISLAND WORKTABL
MDR2 - CONY.	20	1	1920			13	14	1920			20	1	#14 - ISLAND WORKTABL
26 - MICROWAYE	20	1		1608		15	16		1920		20	1	47 - ISLAND WORKTABLE
IDRI - DRY STORAGE	20	1			1920	П	18			1920	20	1	#17 - ISLAND WORKTABLE
M6 - HAND SINK	20	1	720			9	20	1920			20	1	#17 - ISLAND WORKTABLE
#54 - DISH EF	20	1		768		21	22		1920		20	1	417 - ISLAND WORKTABLE
EXTERIOR RECEPS	20	1			400	23	24			1200	20	1	#30 - EXHAUST HOOD
	20		385			25	26	812			20		*28 - HEATED CABINET
*49 - GARBAGE DISP.				385		27	28		812			2	
		3			385	29	30			840	20	1	*29 - FRIDGE
*68 - MILK COOLER	20	1	324			31	32	1560			20	_	*35 - COMBIOVEN
*69 - HOT SERV. CTR.	20	1		1920		33	34		1560			2	
#70 - DROP-IN HOT/COL	P 20				1498	35	36			1560	20	_	#35 - COMBIOVEN
		2	1498			37	38	1560	10.0.0			2	
#71 - SELF SERVE	20	1	-	720	100.0	39	40		1200	2.12	20	1	*37 - TILT SKILLET
#12 - COLD SERVE CTR.	20	1	1-0-		1920	41	42	- 1-		948	20	1	*40 - CONVECTION OVER
#73 - DROP-IN COLD	20	1	1020	70.0		43	44	948	1.00		20	1	*40 - CONVECTION OVER
#74 - DROP-IN HOT/COLI				720	100.0	45	46		600	0.40	20	ı	*31 - FIRE SUPP SYS.
*15 - DRY GOODS CTR	20		040		1920	47	48	010		840	20	ı	*29 - FRIDGE
*76 - ICE CREAM FRZ.	20	1 1	240	100.00		49	50	812	610		20	2	*28 - HEATED CABINET
#85 - DRY GOODS CTR	20	1		1920	100.0	51	52		812	1.00	20	2	VEC CONTROL DANE
*82 - COLD SERVE CTR.		1	1000		1920	53	54	72.0		600	20	1	KEC CONTROL PANEL
*83 - DROP-IN COLD	2Ø 2Ø	1 1	1020	720		55 57	56 58	720	720		2Ø 2Ø	1	#16 - HAND SINK #16 - HAND SINK
*64 - SELF SERVE *79 - HOT SERV. CTR.	20	1	-	1250	1920	59	60		1280	600	20	1	REC - SERVING AREA
*80 - DROP-IN HOT/COL			1498		1526	61	62	800		000	20	1	TY'S - SERVING AREA
-80 - DROP-IN ACTICOL	20	2	1430	1498		63	64	000	800		20	1	REC - SERVING AREA
#81 - DROP-IN COLD	20	1		1730	720	65	66		000	1200	20	1	O.H. ROLLING GRILL
#78 - MILK COOLER	20	1	324		1292	67	68	1920		1200	20	1	*DRI - CAFE
*87 - POS	20	1	<u> </u>	1920		69	70	13210	800		20	1	TV'S - CAFE
#87 - P06	20	† <u>†</u>		. 32%	1920	71	72			1920	20	1	*DRI - CAF?
*42 - FRIDGE	20	1	1008		. 32%	73	74	2101		. 32 %	35	•	
REC - CAF?	20	1 1		1200		75	76	1001	21Ø1				*34 - MAKEUP AIR UNIT
REC - CAF?	20	1			1000	77	35			21Ø1		3	
*41 - FRIDGE	20	1	1008			79	80	936		,	20		
TEF-1	20	1		696		81	82		936				#33 - COOKING EF
DATA CABINET	20	1			1200	83	84			936		3	
		· · ·	136.95	ודבדו	20599			18314	16486				

TOTAL = 103,625

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WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA

GIBRALTAR DESIGN 9102 N. Meridian St., Ste. 300 Indianapolis, IN 46260
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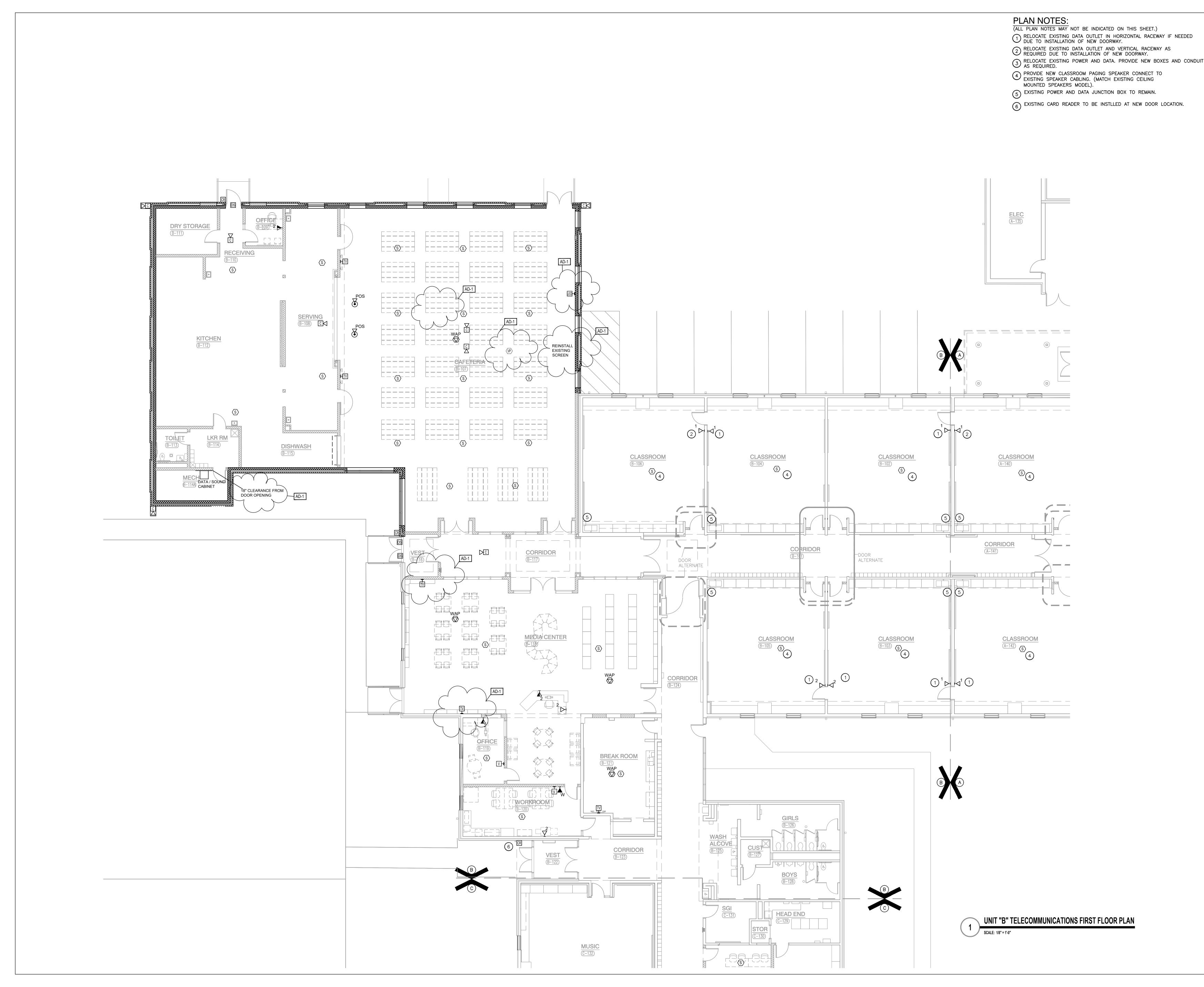
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ELECTRICAL SCHEDULES

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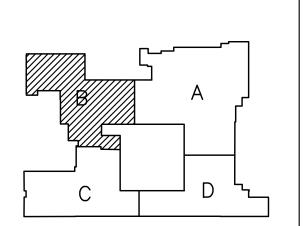
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FIRST FLOOR KEY PLAN

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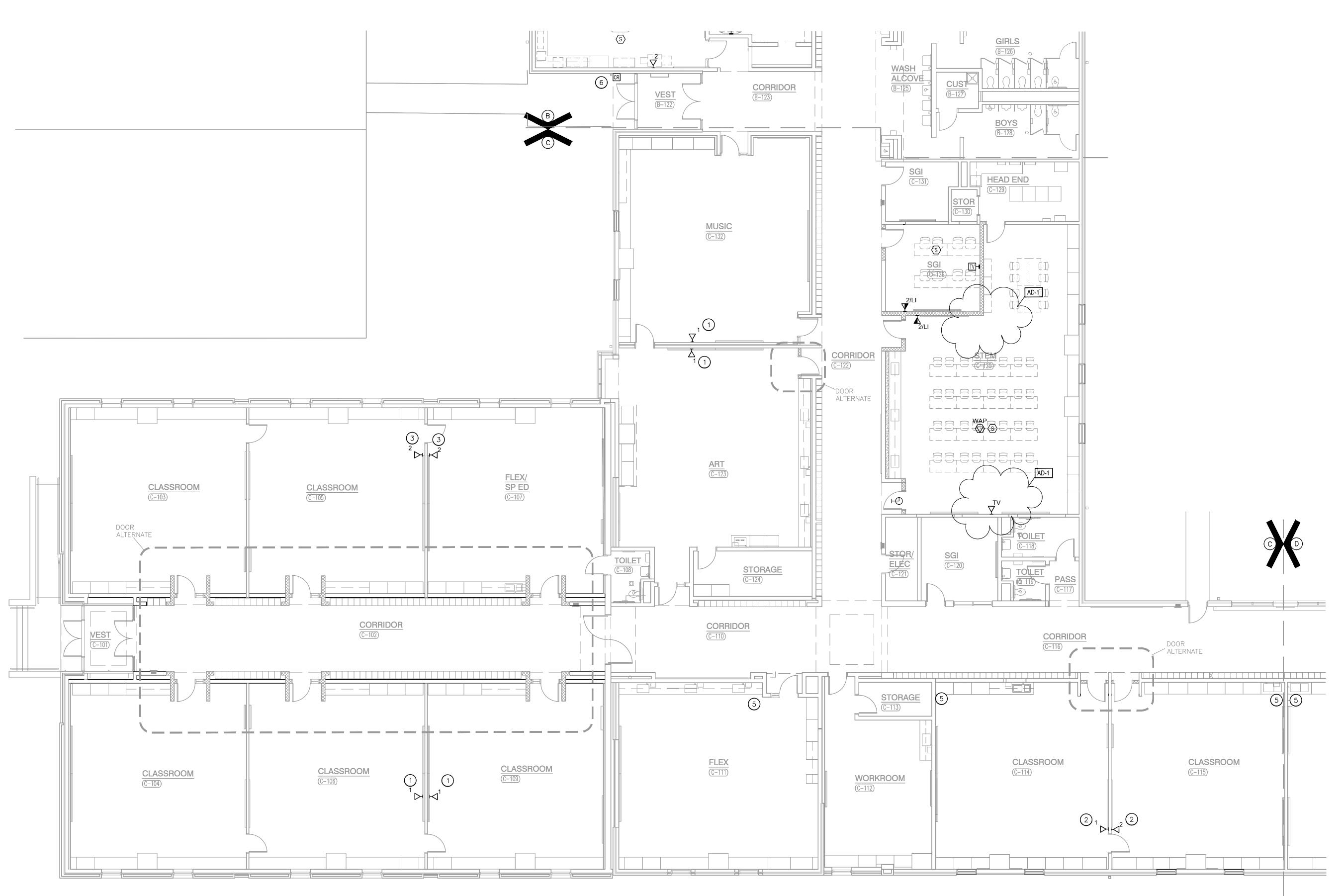
TELECOMMUNICATIONS FIRST FLOOR PLAN

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DRAWING UNIT "C" TELECOMMUNICATIONS FIRST FLOOR PLAN

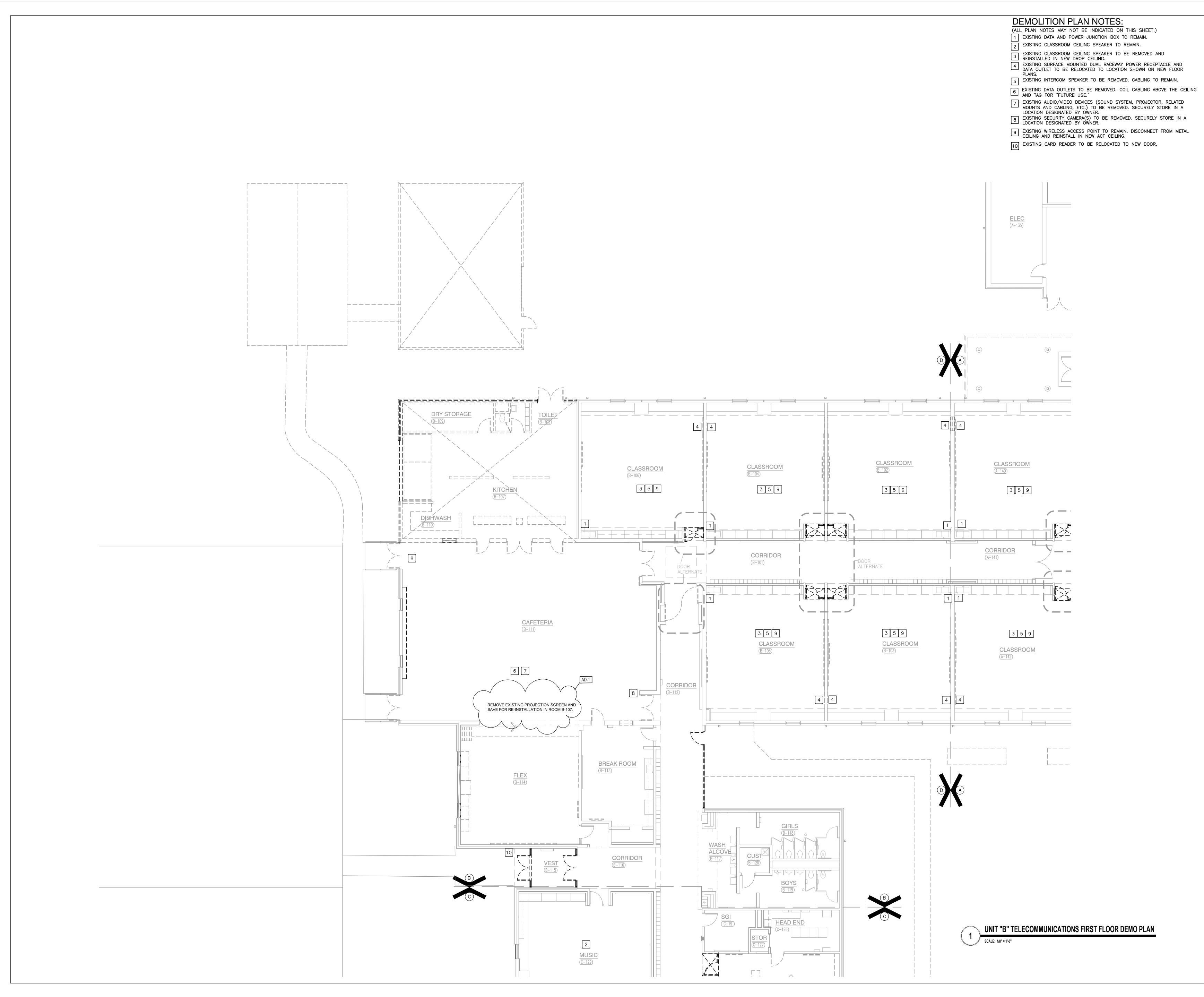
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UNIT "C" TELECOMMUNICATIONS FIRST FLOOR PLAN

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





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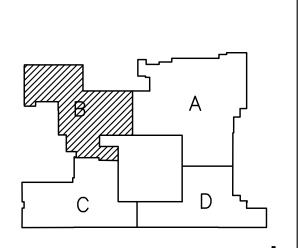
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FIRST FLOOR KEY PLAN

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	DATE	ISSUED FOR
AD-1	3/30/23	ADDENDUM NO. 1

DRAWING
UNIT "B"
TELECOMMUNICATIONS
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