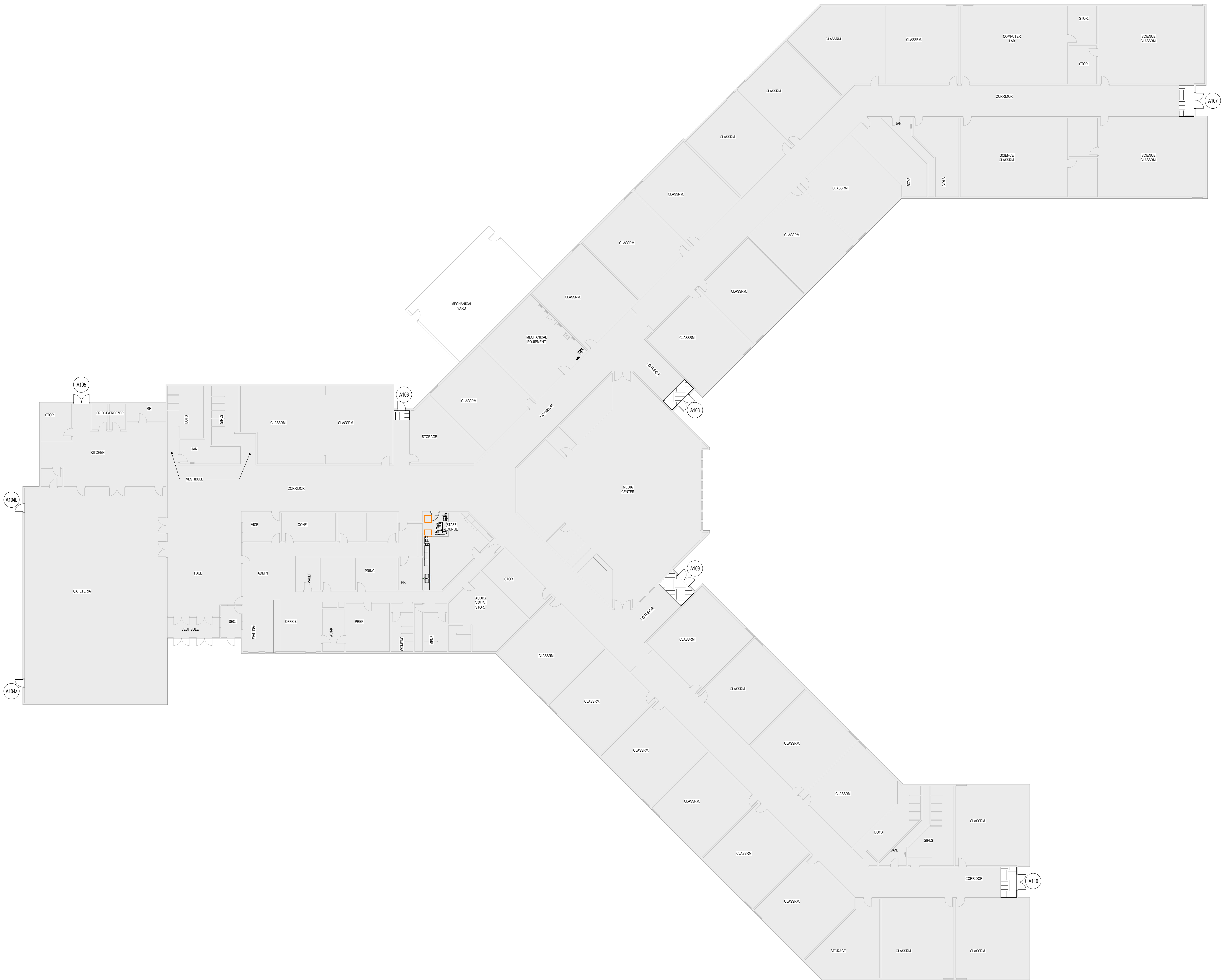




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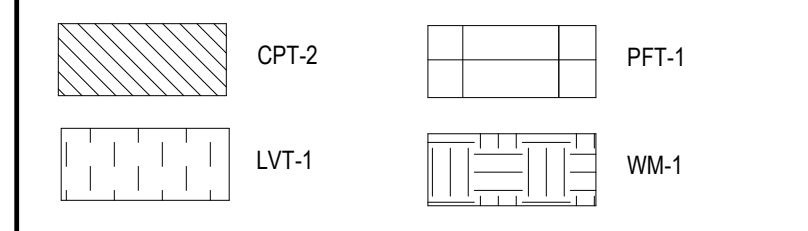
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KEYNOTES

REFERENCE NOTES

FINISH FLOOR LEGEND



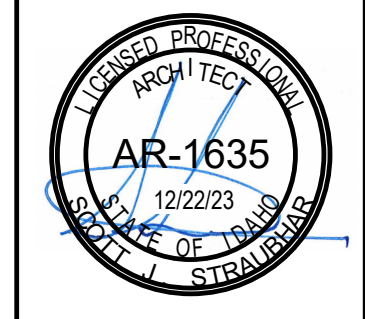
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**Project:**  
 TFSD 2023 CAPITAL IMPROVEMENTS  
 PACKAGE 8, O'LEARY MIDDLE SCHOOL  
 DOOR REPLACEMENT

2350 ELIZABETH BLVD  
 TWIN FALLS, ID 83301

**Sheet:**  
 O'LEARY MIDDLE SCHOOL -  
 BLDG A FLOOR PLAN

PERMIT SET



Project No: 23010-00  
 Drawn By: KT  
 Checked By: PR  
 Date: 12/22/2023

Sheet No:  
**A0.10**

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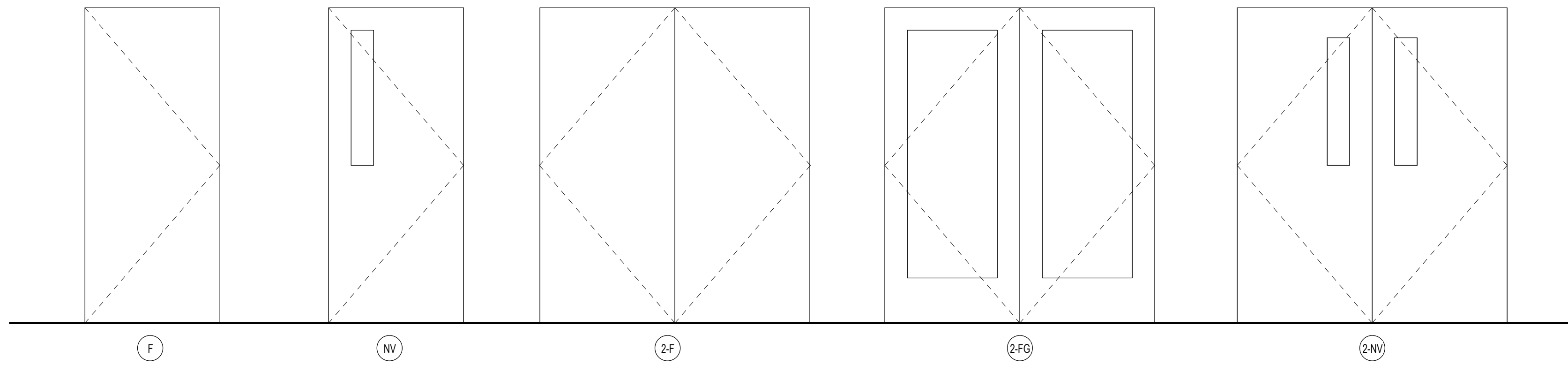
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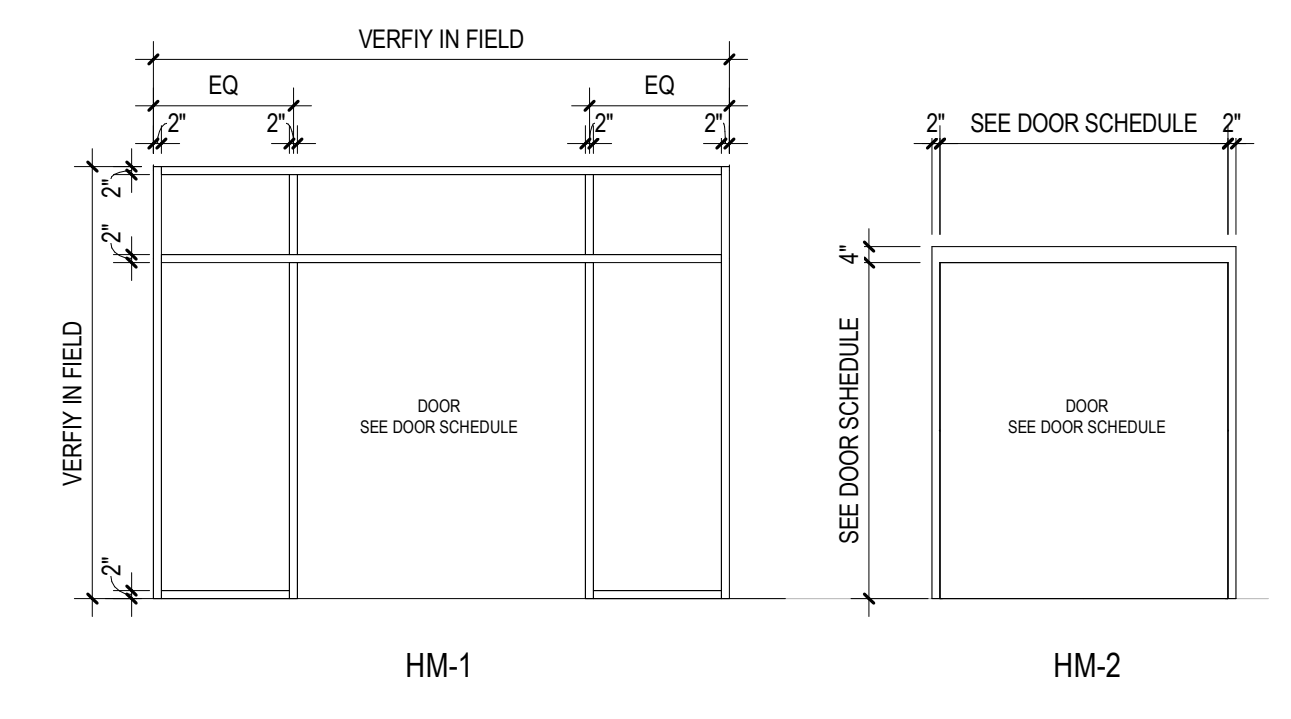
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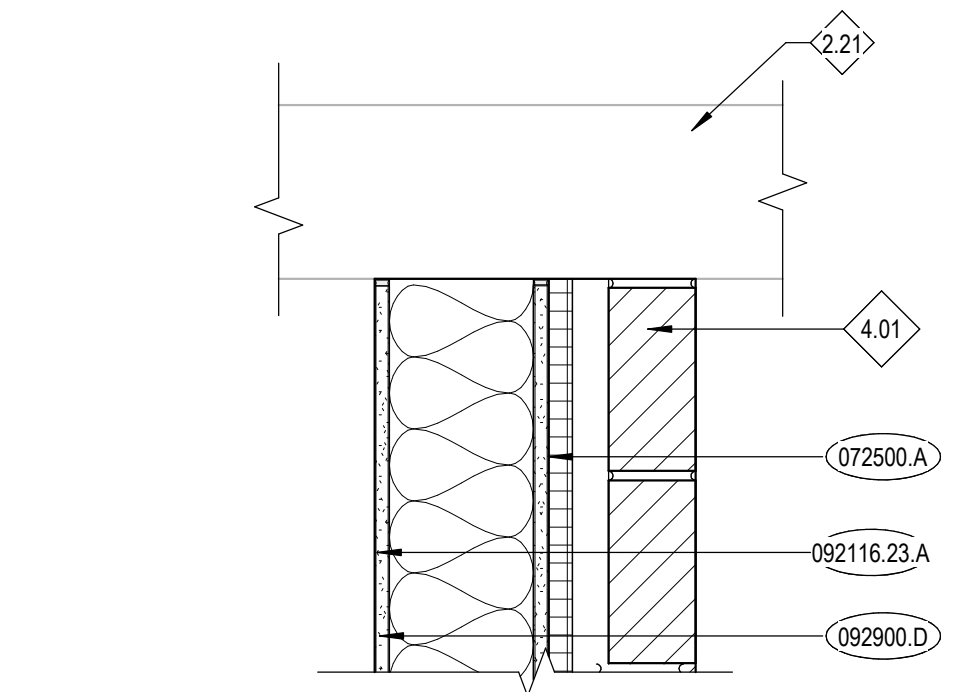
DOOR #	TYPE	DOOR			FRAME			DOOR HARDWARE	REMARKS	
		WIDTH	HEIGHT	MATERIAL	FINISH	TYPE	MATERIAL			FINISH
A104a	F	3'-0"	7'-0"	HM	MATCH EXIST	EXIST	EXIST HM	MATCH EXIST	HW-07	
A104b	F	3'-0"	7'-0"	HM	MATCH EXIST	EXIST	EXIST HM	MATCH EXIST	HW-07	
A105	2-F	6'-0"	7'-0"	EXIST HM	MATCH EXIST	EXIST	EXIST HM	MATCH EXIST	HW-16	ACCESS CONTROL_5
A106	NV	3'-0"	7'-0"	HM	MATCH EXIST	EXIST	EXIST HM	MATCH EXIST	HW-03	ACCESS CONTROL_4
A107	2-NV	6'-0"	7'-0"	HM	MATCH EXIST	EXIST	EXIST HM	MATCH EXIST	HW-01	ACCESS CONTROL
A108	2-NV	6'-0"	7'-0"	HM	MATCH EXIST	EXIST	EXIST HM	MATCH EXIST	HW-04	
A109	2-NV	6'-0"	7'-0"	HM	MATCH EXIST	EXIST	EXIST HM	MATCH EXIST	HW-04	
A110	2-NV	6'-0"	7'-0"	HM	MATCH EXIST	EXIST	EXIST HM	MATCH EXIST	HW-01	ACCESS CONTROL. GLAZING ABOVE WINDOW TO BE REPLACED.
B100a	FG	6'-0"	7'-0"	HM	MATCH EXIST	EXIST	HM	MATCH EXIST	HW-01	ACCESS CONTROL. CARD READER TIED TO THIS DOOR
B100b	FG	3'-0"	7'-0"	HM	MATCH EXIST	EXIST	HM	MATCH EXIST	HW-08	ACCESS CONTROL
B101	F	3'-0"	7'-0"	HM	MATCH EXIST	EXIST	EXISTING HM	MATCH EXIST	HW-07	
B102	F	3'-0"	7'-0"	HM	MATCH EXIST	EXIST	EXIST HM	MATCH EXIST	HW-07	
B103	2-F	6'-0"	7'-0"	HM	MATCH EXIST	EXIST	EXIST HM	MATCH EXIST	HW-09	
B104	FG	6'-0"	7'-0"	HM	MATCH EXIST	HM-1	HM	MATCH EXIST	HW-01	ACCESS CONTROL. FIX INTERIOR FLOOR SLOPE BEFORE INSTALLING NEW DOOR AND FRAME
B105	2-F	6'-0"	7'-0"	HM	MATCH EXIST	EXIST	EXIST HM	MATCH EXIST	HW-04	
B106	F	3'-0"	7'-0"	HM	MATCH EXIST	EXIST	EXIST HM	MATCH EXIST	HW-07	
B107	2-NV	6'-0"	7'-0"	HM	MATCH EXIST	HM-2	HM	MATCH EXIST	HW-01	ACCESS CONTROL. LOW E GLAZING WITH SUN AND HEAT CONTROL
B108	F	3'-0"	7'-0"	HM	MATCH EXIST	EXIST	EXIST HM	MATCH EXIST	HW-07	
B109	F	3'-0"	7'-0"	HM	MATCH EXIST	EXIST	EXIST HM	MATCH EXIST	HW-07	
B110	2-F	6'-0"	7'-0"	HM	MATCH EXIST	EXIST	EXIST HM	MATCH EXIST	HW-09	
B111	F	3'-0"	7'-0"	HM	MATCH EXIST	EXIST	EXIST HM	MATCH EXIST	HW-07	
B112	2-F	6'-0"	7'-0"	HM	MATCH EXIST	EXIST	EXIST HM	MATCH EXIST	HW-04	
C100a	2-FG	6'-0"	7'-0"	HM	MATCH EXIST	EXIST	EXIST HM	MATCH EXIST	HW-01A	ACCESS CONTROL. CARD READER TIED TO THIS DOOR
C100b	2-FG	6'-0"	7'-0"	HM	MATCH EXIST	EXIST	EXIST HM	MATCH EXIST	HW-02	ACCESS CONTROL
C100c	2-FG	6'-0"	7'-0"	HM	MATCH EXIST	EXIST	EXIST HM	MATCH EXIST	HW-02	ACCESS CONTROL
C101	F	3'-0"	7'-0"	HM	MATCH EXIST	EXIST	EXIST HM	MATCH EXIST	HW-07	
C102	2-FG	6'-0"	7'-0"	HM	MATCH EXIST	EXIST	EXIST HM	MATCH EXIST	HW-01	ACCESS CONTROL
C103	F	6'-0"	10'-0"	HM	MATCH EXIST	EXIST	EXIST HM	MATCH EXIST	HW-04	
C104	2-NV	6'-0"	7'-0"	HM	MATCH EXIST	EXIST	EXIST HM	MATCH EXIST	HW-06	
C105	2-FG	6'-0"	7'-0"	HM	MATCH EXIST	EXIST	EXIST HM	MATCH EXIST	HW-01	ACCESS CONTROL
C106	2-F	6'-0"	7'-0"	HM	MATCH EXIST	EXIST	EXIST HM	MATCH EXIST	HW-09	
C107	F	3'-0"	7'-0"	HM	MATCH EXIST	EXIST	EXIST HM	MATCH EXIST	HW-07	



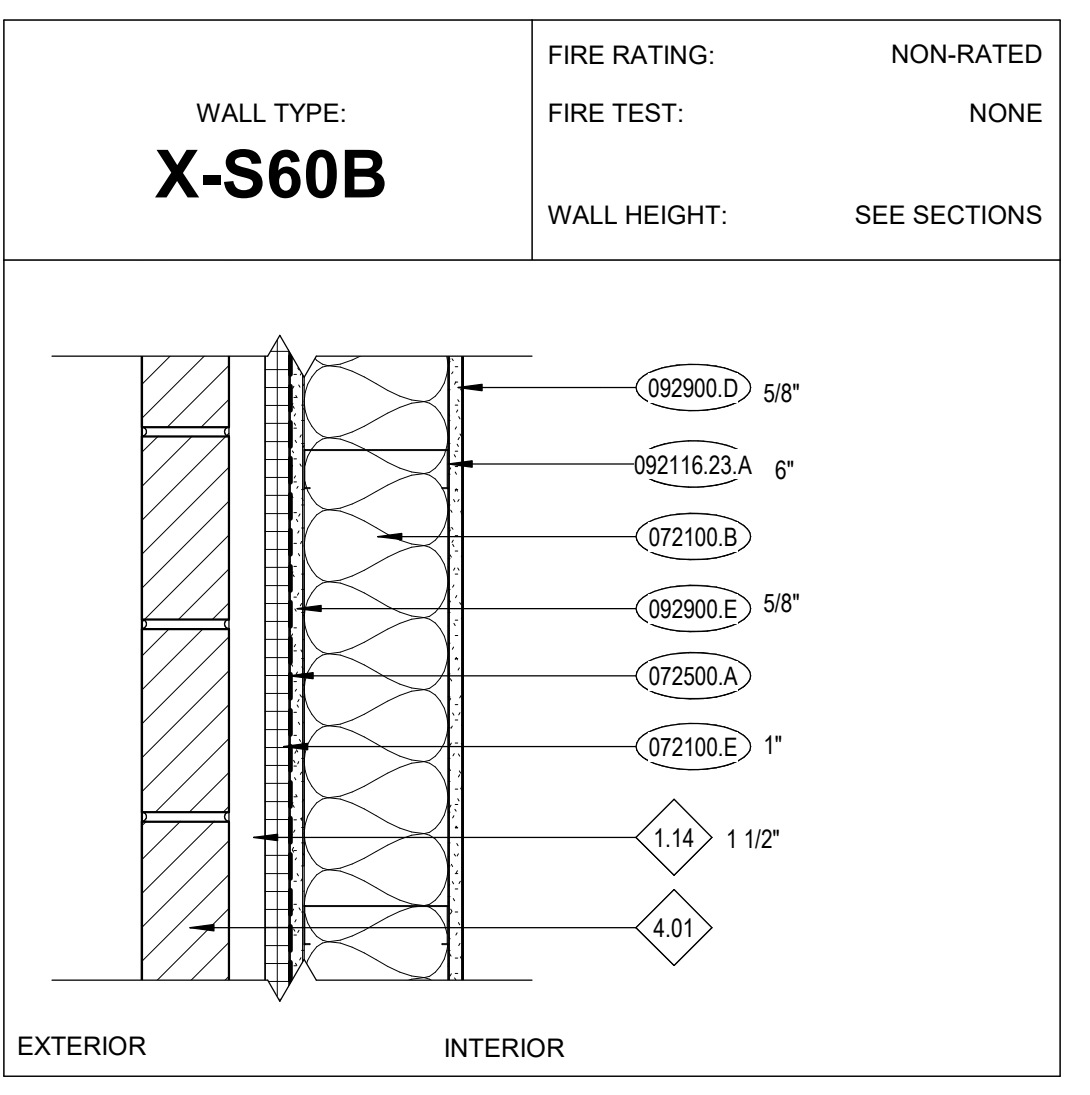
O'LEARY DOOR TYPES  
1/2" = 1'-0"



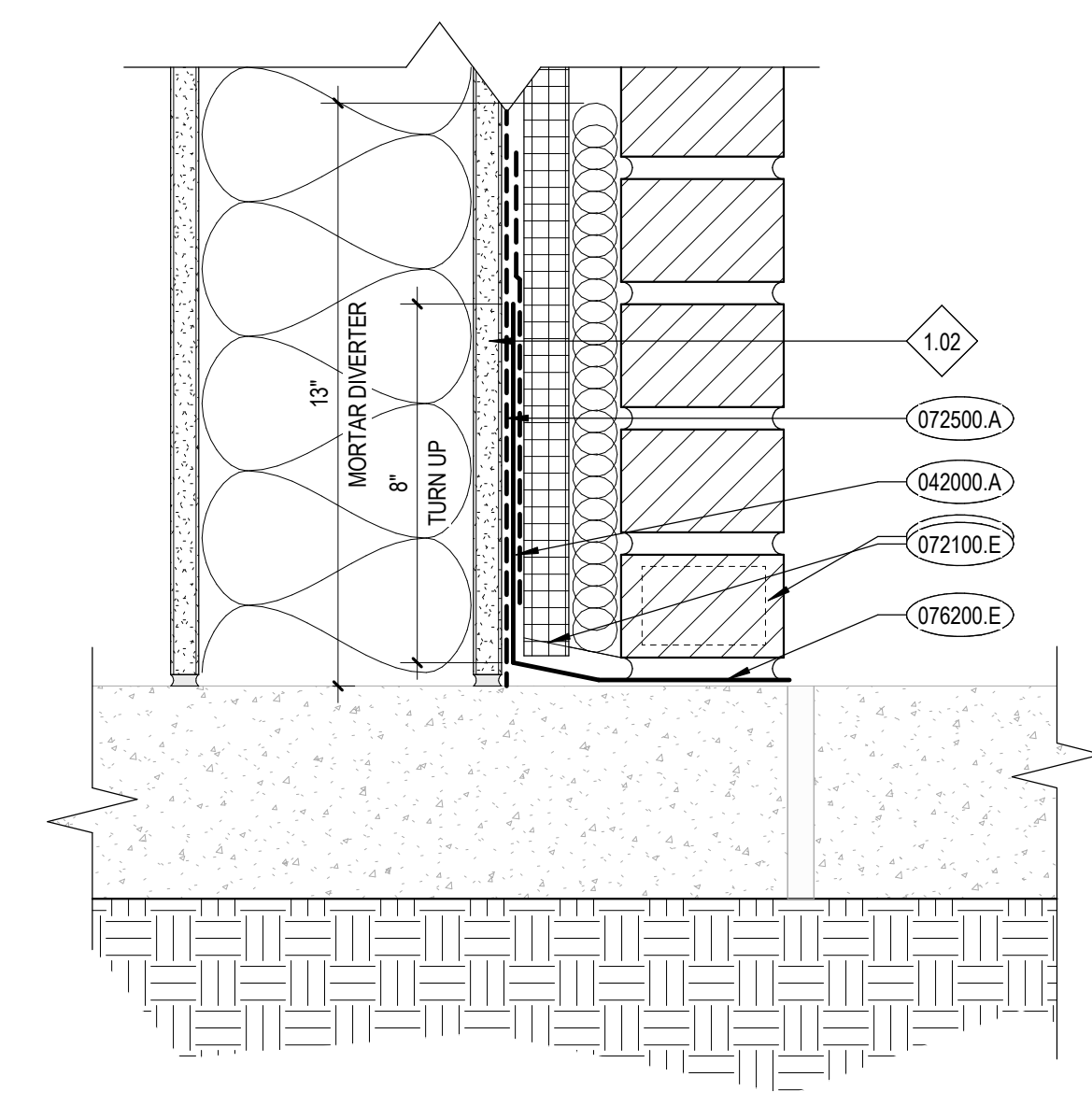
O'LEARY FRAME TYPES  
1/4" = 1'-0"



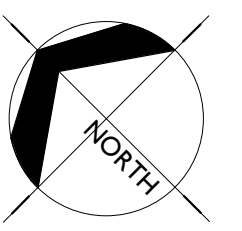
D6 NEW WALL TO EXISTING WALL CORNER  
1 1/2" = 1'-0"



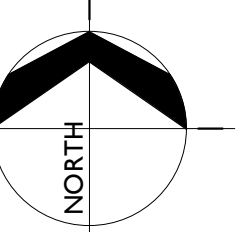
WALL TYPES  
1 1/2" = 1'-0"



E6 BRICK WALL TERMINATION DETAIL  
3" = 1'-0"



C1 O'LEARY BLDG B-LEVEL 01 PLAN - EXTERIOR DOORS  
A0.11 1/16" = 1'-0"



E1 O'LEARY BLDG C-LEVEL 01 PLAN - EXTERIOR DOORS  
A0.11 1/16" = 1'-0"

KEYNOTES

- 042000.A FLEXIBLE FLASHING
- 042000.B WEEP VENT MATERIAL
- 07100.B UNFACED BLANKET INSULATION
- 072100.E FOIL FACED POLYISOCYANURATE FOAM/PLASTIC BOARD INSULATION
- 072500.A WEATHER RESISTIVE BARRIER
- 076200.E FLASHING AND DROP EDGE
- 092116.23.A NON-LOAD BEARING STEEL FRAMING
- 092900.D GYPSUM BOARD TYPE X
- 092900.E EXTERIOR RATED GYPSUM GLASS MAT
- 096813.A WM-1 WALK-OFF MAT CARPET TILING

REFERENCE NOTES

- 1.02 RE FLOOR PLAN FOR WALL TYPES
- 1.14 AIR SPACE
- 2.08 REMOVE EXISTING WALK-OFF MAT AND FLOOR FINISH. USE A FLOOR LEVELING COMPOUND TO SLOPE TO 1/4" ABOVE EXTERIOR PAVING PRIOR TO INSTALLING NEW DOORS AND FRAMES.
- 2.09 VERIFY THAT EXTERIOR CONCRETE PAVING SLOPES AWAY FROM THE EXTERIOR DOOR.
- 2.13 REMOVE EXISTING WALK-OFF MAT AND FLOOR FINISH. IF UNEVEN OR MORE THAN 1/4" OF ELEVATION WILL REMAIN AFTER NEW FLOORING, USE A FLOOR LEVELING COMPOUND TO SLOPE TO 1/4" ABOVE EXTERIOR PAVING PRIOR TO INSTALLING NEW DOORS AND FRAMES.
- 2.21 EXISTING WALL ASSEMBLY
- 3.02 PATCH BACK CONCRETE AFTER BUBBLER PIPING HAS BEEN INSTALLED BELOW THE CONCRETE
- 4.01 NEW BRICK TO MATCH EXISTING BRICK
- 22.07 DOWNSPOUT BUBBLER EXTENSION TO BE INSTALLED. DEMO CONCRETE AS NECESSARY TO INSTALL BUBBLER. PROVIDE A DEBRIS FILTER TO SCREEN LARGE DEBRIS FROM BUBBLER.

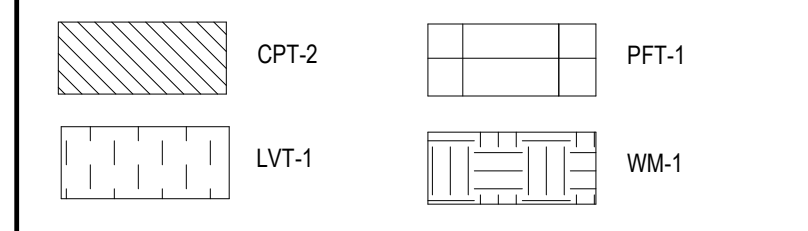
GENERAL NOTES

- 1. REPLACE WALK-OFF MAT AT ALL EXTERIOR DOOR LOCATIONS.
- 2. REPLACE ALL DOOR HARDWARE INCLUDING NEW THRESHOLDS.

HARDWARE NOTES

- 1. REPLACE ALL DOOR HARDWARE INCLUDING NEW KICKPLATES AND THRESHOLDS.
- 2. PROVIDE PANIC BARS AT ALL EGRESS DOORS.
- 3. PROVIDE ACCESS CONTROL AS CALLED OUT IN THE REMARKS IN THE DOOR SCHEDULE.
- 4. DOOR TO BE DEMOLISHED, AND HARDWARE ON THE DOOR TO BE REPLACED. EXISTING CARD READER AND ELECTRIC STRIKE TO BE PRESERVED AND REUSED ON DOOR
- 5. KEEP DOOR, REPLACE ALL DOOR HARDWARE

FINISH FLOOR LEGEND



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Project: TFSD 2023 CAPITAL IMPROVEMENTS PACKAGE 8, O'LEARY MIDDLE SCHOOL DOOR REPLACEMENT

2350 ELIZABETH BLVD TWIN FALLS, ID 83301

Sheet: BLDG B, BLDG C FLOOR PLANS AND DOOR SCHEDULE

PERMIT SET

Project No: 23010-00  
 Drawn By: KT  
 Checked By: PR  
 Date: 12/22/2023

Sheet No: A0.11

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POWER LEGEND (Not all symbols listed below are used on these drawings)			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
⊕	SINGLE RECEPTACLE	⎓	ELECTRICAL PANELBOARD, CONTROL PANEL, OR OTHER CABINET AS NOTED
⊕ ⊕	DOUBLE RECEPTACLE, WALL, CEILING, FLOOR MOUNTED	⎓⎓	PLUG MOLD (MULTI-OUTLET ASSEMBLY)
⊕ ⊕ ⊕	DOUBLE DUPLEX RECEPTACLE, WALL, CEILING, FLOOR MOUNTED	⎓⎓⎓	WIREMOLD (SURFACE RACEWAY)
⊕ ⊕ ⊕	SPECIAL RECEPTACLE, WALL, CEILING, FLOOR MOUNTED	⎓⎓⎓	CONDUIT CONCEALED
⊕ ⊕ ⊕	JUNCTION BOX, WALL, CEILING, FLOOR MOUNTED	⎓⎓⎓	CONDUIT UNDERGROUND OR CONCEALED IN FLOOR AS ALLOWED PER SPECIFICATIONS
⊕ ⊕ ⊕	DUPLEX RECEPTACLE, HALF CONTROLLED	⎓⎓⎓	CONDUIT TURNING DOWN
⊕ ⊕ ⊕	DUPLEX RECEPTACLE, FULL CONTROLLED	⎓⎓⎓	CONDUIT TURNING UP
⊕ ⊕ ⊕	DOUBLE DUPLEX RECEPTACLE, HALF CONTROLLED	⎓⎓⎓	CONDUIT GAPPED
⊕ ⊕ ⊕	DOUBLE DUPLEX RECEPTACLE, FULL CONTROLLED	⎓⎓⎓	GROUND BAR
⊕ ⊕ ⊕	SHADING INDICATES EMERGENCY SYSTEM TEXT INDICATES PANEL AND CIRCUIT DESIGNATION	⎓⎓⎓	MAIN SWITCHBOARD/DISTRIBUTION CENTER
⊕ ⊕ ⊕	DISCONNECT SWITCH (NON-FUSED)	⎓⎓⎓	TRANSFORMER
⊕ ⊕ ⊕	DISCONNECT SWITCH (FUSED)	⎓⎓⎓	CURRENT TRANSFORMER
⊕ ⊕ ⊕	VARIABLE SPEED DRIVE WITH DISCONNECT	⎓⎓⎓	THERMOSTAT
⊕ ⊕ ⊕	ENCLOSED CIRCUIT BREAKER	⎓⎓⎓	GENERATOR ANNUNCIATOR PANEL
⊕ ⊕ ⊕	TOGGLE SWITCH	⎓⎓⎓	UTILITY METER
		⎓⎓⎓	POWER POLE

SECURITY LEGEND (Not all symbols listed below are used on these drawings)			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
⎓	WALL FIELD	⎓	CARD READER (XXX = SEE BELOW)
⎓	INTERCOM STATION	⎓	BIO = BIOMETRIC KP = INTEGRATED KEYPAD
⎓	INTERCOM MASTER STATION	⎓	IL = INTEGRATED LOCK CB = CODE BLUE ELEVATOR CALL
⎓	DURESS ALARM	⎓	AC DOOR AUTO OPENER
⎓	MOTION DETECTOR	⎓	EH DOOR CONTACT
⎓	CEILING MOUNTED MOTION DETECTOR	⎓	EL ELECTRIC DOOR LOCK
⎓	GLASS BREAK DETECTOR	⎓	ES ELECTRIC DOOR STRIKE
⎓	CEILING MOUNTED GLASS BREAK DETECTOR	⎓	EX REQUEST TO EXIT
⎓	PUSH PAD	⎓	EH ELECTRIC HINGE
⎓	KEYPAD	⎓	EP ELECTRIC POWER TRANSFER
⎓	FIXED PTFZ SECURITY CAMERA CLG MOUNTED(XX-CAMERA SCHEDULE NUMBER)	⎓	PS POWER SUPPLY
⎓	FIXED SECURITY CAMERA WALL MOUNTED(XX-CAMERA SCHEDULE NUMBER)	⎓	ML MAGNETIC DOOR LOCK
⎓	LOCK OUT	⎓	LD LOCK DOWN
⎓	MULTI SENSOR SECURITY CAMERA (XX-CAMERA SCHEDULE NUMBER)	⎓	DR DOOR RELEASE
⎓	EMERGENCY CALL BOX	⎓	SECURITY CAMERA FIELD OF VIEW

REFERENCE SYMBOLS LEGEND (Not all symbols listed below are used on these drawings)			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
⎓	KEY NOTE REFERENCE	⎓	KITCHEN/OWNER/MEDICAL EQUIPMENT REFERENCE
⎓	TYPICAL CIRCUIT NUMBER	⎓	EXISTING TO REMAIN
⎓	TYPICAL LUMINAIRE TYPE	⎓	EXISTING TO BE REMOVED
⎓	TYPICAL ROOM REFERENCE (TOP = RM #, BOTTOM = FLR)	⎓	EXISTING TO BE RELOCATED
⎓	MECHANICAL EQUIPMENT REFERENCE	⎓	EXISTING TO REMAIN - REPLACE DEVICE
⎓	LIGHTING CONTROL EQUIPMENT REFERENCE	⎓	EXISTING TO BE REMOVED AND REPLACED
⎓	ELECTRICAL ACCESSORIES REFERENCE		

ABBREVIATIONS LEGEND (Not all symbols listed below are used on these drawings)			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
A	AMPERES	MCP	MOTOR CIRCUIT PROTECTOR
AC	ABOVE COUNTER, MOUNT HORIZONTALLY TO CENTERLINE OF DEVICE, 1/2" ABOVE COUNTERS OR BACK SPLASH	MEC	SEE MECHANICAL EQUIPMENT SCHEDULE
AFF	ABOVE FINISHED FLOOR	MM	MINIMUM
AFG	ABOVE FINISHED GRADE	MLO	MAIN LUGS ONLY
ANN	ANNUNCIATOR	MTS	MANUAL TRANSFER SWITCH
ARF	ABOVE RAISED FLOOR	NC	NORMALLY CLOSED
ASSD	AIR SAMPLING SMOKE DETECTION	NIC	NOT IN CONTRACT
ATS	AUTOMATIC TRANSFER SWITCH	NL	NIGHT LIGHT
BFG	BELOW FINISHED GRADE	NO	NORMALLY OPEN
C	CONDUIT	NTS	NOT TO SCALE
CATV	CABLE TELEVISION	OC	ON CENTER
CB	CIRCUIT BREAKER	OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
CCTV	CLOSED CIRCUIT TELEVISION	OFOI	OWNER FURNISHED, OWNER INSTALLED
(E)	EXISTING	OSWF	ON SITE WORK FORCE
EM	EMERGENCY	PB	PULL BOX
EMDC	EMERGENCY MAIN DISTRIBUTION CENTER	SB	STANDBY
EP	EXPLOSION PROOF	SDC	SUB-DISTRIBUTION CENTER
EPD	EMERGENCY POWER OFF	TP	TAMPER PROOF
EVO	EMERGENCY VENTILATION ON/OFF	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
EWC	ELECTRIC WATER COOLER	TYP	TYPICAL
FA	FIRE ALARM	UF	UNDER FLOOR
G	GROUND	UG	UNDER GROUND
GCP	GENERATOR CONTROL PANEL	UON	UNLESS OTHERWISE NOTED
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	UPS	UNINTERRUPTIBLE POWER SUPPLY
HOA	HAND OFF AUTOMATIC	V	VOLTS
IG	ISOLATED GROUND	VFD	VARIABLE FREQUENCY DRIVE
MAX	MAXIMUM	W	WITH
MCB	MAIN CIRCUIT BREAKER	W/O	WITHOUT
MCC	MOTOR CONTROL CENTER	WP	WEATHER PROOF
MDC	MAIN DISTRIBUTION CENTER	XFMR	TRANSFORMER

POWER PLAN NOTES:

1. PROVIDE A DEDICATED NEUTRAL CONDUCTOR FOR EACH 120V CIRCUIT.
2. CIRCUITS MAY BE COMBINED INTO HOMERUNS OF UP TO SIX (6) CURRENT CARRYING CONDUCTORS, INCLUDING NEUTRALS, UNLESS OTHERWISE INDICATED. WHERE CIRCUITS ARE COMBINED WITHIN A SINGLE CONDUIT, PROVIDE STRIPING FOR FULL LENGTH OF NEUTRAL CONDUCTOR INSULATION TO MATCH THE COLOR CODE OF THE ASSOCIATED PHASE CONDUCTOR. SEE SPECIFICATION FOR COLOR CODES.
3. FOR REMODELING, WORK INCLUDED IS DENOTED IN BOLD. EXISTING CONDITIONS TO REMAIN ARE DENOTED LIGHTLY.
4. PROTECT STRUCTURE AND OWNER EQUIPMENT FROM DAMAGE. IMMEDIATELY REPLACE OR REPAIR, TO ORIGINAL CONDITION, DAMAGE CAUSED BY THE CONTRACTOR WHETHER THE EQUIPMENT APPEARS TO BE CURRENTLY IN USE OR NOT, UNLESS WRITTEN AUTHORIZATION FROM THE OWNER INDICATED OTHERWISE. PREPARE LISTING OF ALL EXISTING DAMAGED ITEMS AND SUBMIT TO OWNER PRIOR TO BEGINNING WORK.
5. INSTALL CONDUIT CONCEALED IN FINISHED AREAS UNLESS OTHERWISE NOTED. PAINT EXPOSED CONDUIT TO MATCH EXISTING FINISHES WITHIN THE SURROUNDING AREA.
6. EXISTING INFORMATION SHOWN ON THE DRAWINGS HAS BEEN TAKEN FROM OWNER FURNISHED DRAWINGS AND/OR LIMITED FIELD OBSERVATIONS. CATOR, RUMA & ASSOCIATES IS NOT RESPONSIBLE FOR THE ACCURACY OF ANY INFORMATION OR THE ADEQUACY, SAFETY AND CONFORMANCE TO CURRENT PREVAILING CODES OF ANY WORK SHOWN AS EXISTING ON THESE DRAWINGS.
7. PROVIDE SEPARATE INSULATED EQUIPMENT GROUNDING CONDUCTOR IN ALL FEEDER, HOMERUN AND BRANCH CIRCUITS.

ROUGH-IN AND PATHWAY NOTES:

1. PROVIDE 4-11/16" x 4-11/16" x 2-7/8" OUTLET BOX AND SINGLE GANG MUD RING FOR ALL TELEDATA OUTLETS. ROUTE 1" CONDUIT FROM EACH OUTLET TO ABOVE ACCESSIBLE CEILING UNLESS OTHERWISE NOTED. PROVIDE INSULATED THROAT CONNECTOR ON CONDUIT END. KEEP ALL EXPOSED CONDUITS TIGHT TO STRUCTURE.
2. PROVIDE 4-11/16" x 4-11/16" x 2-7/8" OUTLET BOX AND SINGLE GANG MUD RING FOR ALL SECURITY, CCTV AND ACCESS CONTROL. ROUTE 3/4" CONDUIT FROM EACH OUTLET TO ABOVE ACCESSIBLE CEILING UNLESS OTHERWISE NOTED. PROVIDE INSULATED THROAT CONNECTOR ON CONDUIT END. KEEP ALL EXPOSED CONDUITS TIGHT TO STRUCTURE.
3. CONDUIT DEDICATED FOR TECHNOLOGY SYSTEMS SHALL BE INSTALLED IN EMT UNLESS OTHERWISE NOTED. FLEX CONDUIT SHALL NOT BE USED WITHOUT PRIOR APPROVAL FROM THE ENGINEER OR OWNER.
4. CONDUIT DEDICATED FOR TECHNOLOGY SYSTEMS SHALL NOT EXCEED 100' OR CONTAIN MORE THAN 180 DEGREES OF TOTAL BENDS WITHOUT UTILIZING APPROPRIATELY SIZED PULL BOXES.
5. MINIMUM BEND RADI FOR 2" CONDUIT OR SMALLER SHALL BE 6 TIMES THE OUTSIDE DIAMETER OF THE CONDUIT. BEND RADI FOR CONDUIT LARGER THAN 2" SHALL BE 10 TIMES THE OUTSIDE DIAMETER OF THE CONDUIT. L-BENDS SHALL NOT BE USED.
6. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND NOTIFY ENGINEER OF ANY ADVERSE FIELD CONDITIONS PRIOR TO PERFORMING ANY WORK.

TECHNOLOGY PLAN NOTES:

1. PROVIDE 8' SERVICE LOOP AT STATION END OF ALL CABLE RUNS.
2. HOMERUN ALL DATA, AND ACCESS CONTROL CABLES TO DESIGNATED CONTROL PANELS, PATCH PANELS, OR WALL FIELDS IN NEAREST TELECOMMUNICATION ROOM LOCATED IN THE SAME ZONE UNLESS OTHERWISE NOTED.
3. PROVIDE J-HOOK TYPE CABLE SUPPORTS EVERY 4'-0" TO 5'-0" IN OPEN OR ACCESSIBLE CEILING SPACE AS REQUIRED TO SUPPORT CABLES IN ROUTE TO CABLE TRAY OR CONDUIT PATHWAY TO TELECOMMUNICATIONS ROOM. ROUTE CABLE SUPPORTS SUCH THAT CABLE VISIBILITY WILL BE MINIMIZED IN ANY OPEN CEILING AREAS.
4. COORDINATE AND VERIFY EXACT MOUNTING LOCATIONS OF WALL, CEILING, AND FLOOR DEVICES WITH ARCHITECTURAL ELEVATIONS AND ANY FURNITURE OR SPECIALTY EQUIPMENT SUPPLIER DRAWINGS PRIOR TO ROUGH-IN.

GENERAL EQUIPMENT SCHEDULE

**COMMON NOTES:**  
**A. PRIOR TO WORK, VERIFY ELECTRICAL REQUIREMENTS (VOLTAGE, AMPERAGE, RECOMMENDED OCPD, CONDUCTORS, AND DISCONNECT) FOR EACH PIECE OF EQUIPMENT.**  
**B. PRIOR TO WORK, VERIFY EXACT LOCATION FOR EACH PIECE OF EQUIPMENT WITH ARCHITECT AND/OR OWNER.**

**SPECIFIC REMARKS:**

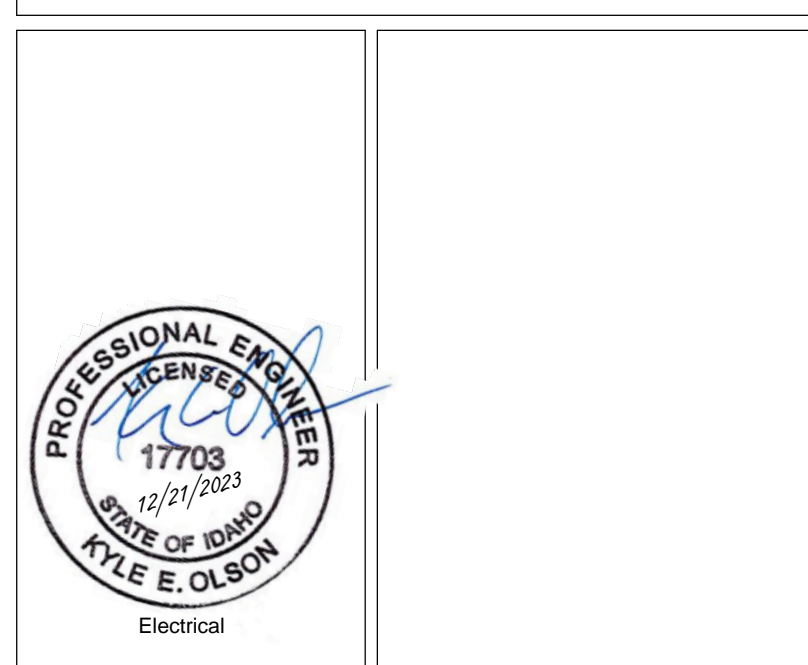
KEY	ITEM	HP	FLA	LOAD	EQ LOAD (VA)	VOLTAGE	FEEDERS			PROTECTION				REMARKS
							WIRE	GROUND	CONDUIT	BREAKER	DISCONNECT	FUSE		
DOOR	DOOR POWER SUPPLY	0	2 A	0 VA	180 VA	120 V/ 1ph	2#12	#12G	3/4"	20 A				
DOOR2	DOOR POWER SUPPLY AND AUTO OPENER	0	3 A	0 VA	300 VA	120 V/ 1ph	2#12	#12G	3/4"	20 A				



Project:  
 TFSD 2023 CAPITAL IMPROVEMENTS  
 PACKAGE 8, O'LEARY MIDDLE  
 SCHOOL DOOR REPLACEMENT

2350 ELIZABETH BLVD  
 TWIN FALLS, ID 83301

Sheet:  
 ELECTRICAL LEGENDS,  
 SCHEDULES & NOTES



100% CONSTRUCTION DOCUMENTS

Project No: 23010-00  
 Drawn By: BEL  
 Checked By: RHM  
 Date: 12/22/2023

Sheet No:  
**E 0.01**

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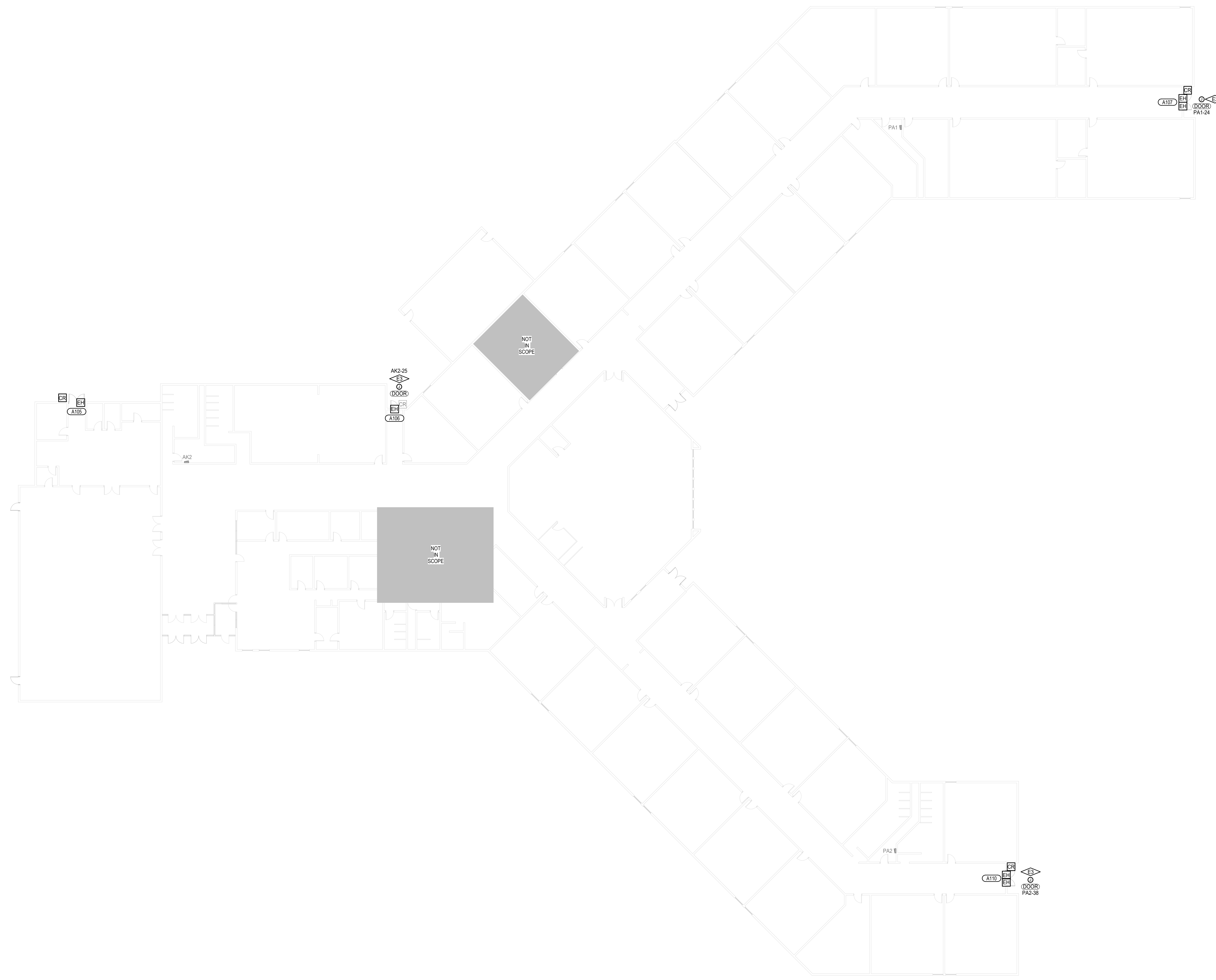
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### KEYNOTES

E3 PROVIDE 120V CONNECTION FOR DOOR OPERATION EQUIPMENT, AUTO OPERATOR, AND POWER SUPPLIES FOR PANIC HARDWARE AND ACCESS CONTROLS. STUB OUT 1" CONDUIT TO 6" ABOVE ACCESSIBLE CEILING. COORDINATE LOCATION OF POWER SUPPLY WITH OWNER AND DOOR HARDWARE VENDOR AND ACCESS CONTROL VENDOR. MUST BE LOCATED WITHIN 200' OF DOOR.



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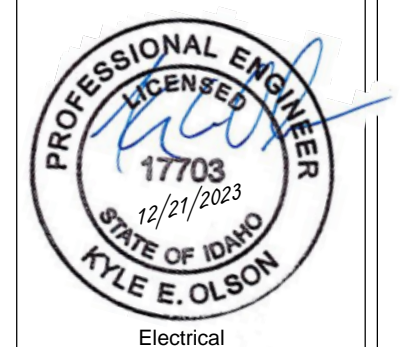
**HUMMEL**  
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**Project:**  
 TFSD 2023 CAPITAL IMPROVEMENTS  
 PACKAGE 8, O'LEARY MIDDLE  
 SCHOOL DOOR REPLACEMENT

2350 ELIZABETH BLVD  
 TWIN FALLS, ID 83301

Sheet:  
**BLDG A - POWER PLAN**

100% CONSTRUCTION DOCUMENTS



Project No: 23010-00  
 Drawn By: SEL  
 Checked By: RHM  
 Date: 12/22/2023

Sheet No:  
**E 0.20**

**O'LEARY BLDG A-LEVEL 01 POWER PLAN - EXTERIOR DOORS**  
 SCALE: 1/16" = 1'-0"

12/21/2023 8:50:02 AM  
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1"  
 IF LINE DOES NOT MEASURE 1 INCH,  
 DRAWING IS NOT TO SCALE.

1

2

3

4

5

6

A

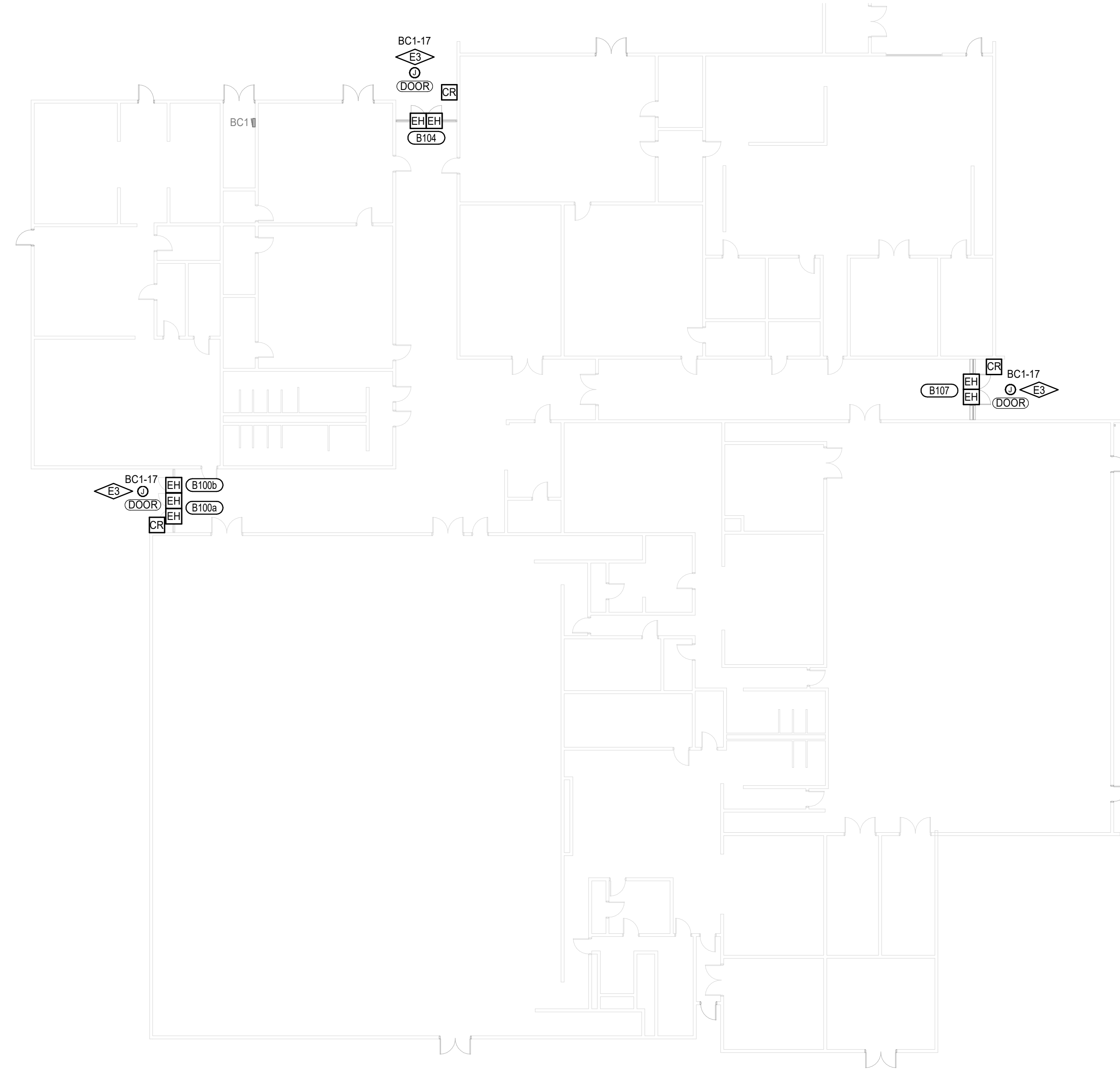
B

C

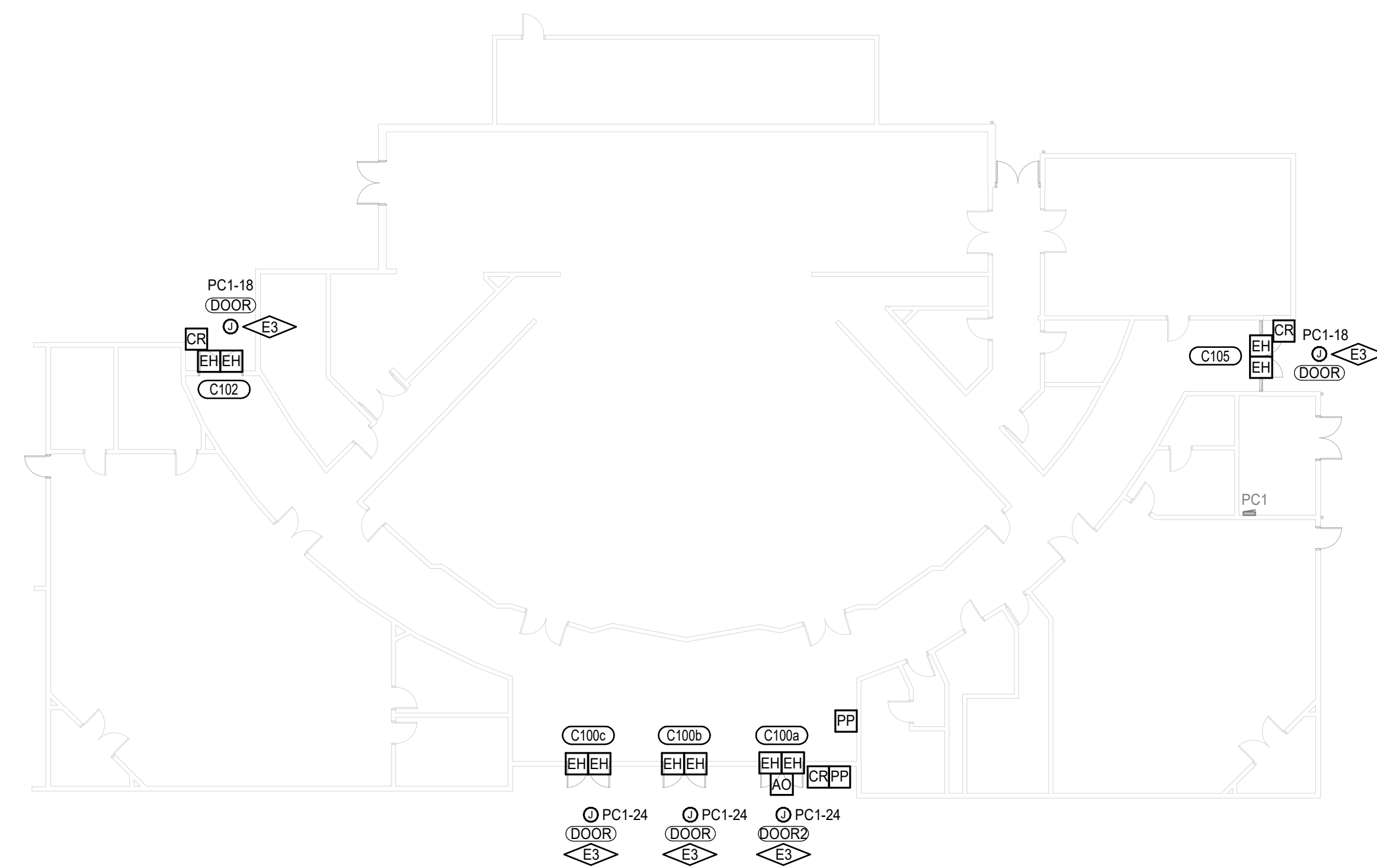
D

E

KEYNOTES	
E3	PROVIDE 120V CONNECTION FOR DOOR OPERATION EQUIPMENT, AUTO OPERATOR, AND POWER SUPPLIES FOR PANIC HARDWARE AND ACCESS CONTROLS. STUB OUT 1" CONDUIT TO 6" ABOVE ACCESSIBLE CEILING. COORDINATE LOCATION OF POWER SUPPLY WITH OWNER AND DOOR HARDWARE VENDOR AND ACCESS CONTROL VENDOR. MUST BE LOCATED WITHIN 200' OF DOOR.



**O'LEARY BLDG B-LEVEL 01 POWER PLAN - EXTERIOR DOORS**  
SCALE: 1/16" = 1'-0"



**O'LEARY BLDG C-LEVEL 01 POWER PLAN - EXTERIOR DOORS**  
SCALE: 1/16" = 1'-0"

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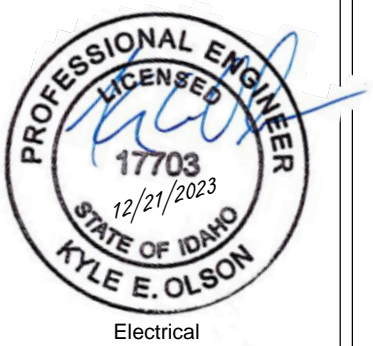
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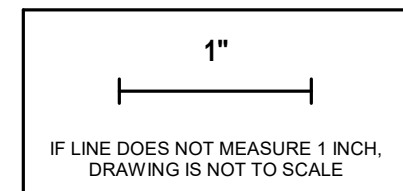
**Sheet:**  
BLDG B & C - POWER PLANS

100% CONSTRUCTION DOCUMENTS



Project No: 23010-00  
Drawn By: SEL  
Checked By: RHM  
Date: 12/22/2023

Sheet No:  
**E 0.21**



### Panel AK2

Location: Supply From: Mounting: Surface Enclosure: Type 1

Voltage: 120/208 Wye Phase: 3 Wire: 4

A.I.C. Rating: 10,000 Mains Type: MCB Bus Rating: 125 A MCB Rating: 125 A

Circuit Notes: 1. PROVIDE CIRCUIT BREAKER IN SPACE TO MATCH EXISTING.

Note	Circ.	Load	Type	Trip	Po...	A	B	C	Po...	Trip	Type	Load	Circ.	Note
1	EXISTING LOAD	--	20 A	1	0 VA	0 VA			1	20 A	--	EXISTING LOAD	2	
3	EXISTING LOAD	--	20 A	1		0 VA	0 VA		1	20 A	--	EXISTING LOAD	4	
5	EXISTING LOAD	--	20 A	1			0 VA	0 VA	1	20 A	--	EXISTING LOAD	6	
7	EXISTING LOAD	--	20 A	1	0 VA	0 VA			1	20 A	--	EXISTING LOAD	8	
9	EXISTING LOAD	--	20 A	1		0 VA	0 VA		1	20 A	--	EXISTING LOAD	10	
11	EXISTING LOAD	--	20 A	1			0 VA	0 VA	1	20 A	--	EXISTING LOAD	12	
13	EXISTING LOAD	--	20 A	1	0 VA	0 VA			1	20 A	--	EXISTING LOAD	14	
15	EXISTING LOAD	--	20 A	1		0 VA	0 VA		1	20 A	--	EXISTING LOAD	16	
17	EXISTING LOAD	--	20 A	1			0 VA	0 VA	1	20 A	--	EXISTING LOAD	18	
19	EXISTING LOAD	--	20 A	1	0 VA	0 VA			1	20 A	--	EXISTING LOAD	20	
21	EXISTING LOAD	--	20 A	1		0 VA	0 VA		1	20 A	--	EXISTING LOAD	22	
23	EXISTING LOAD	--	20 A	1			0 VA	0 VA	1	20 A	--	EXISTING LOAD	24	
1	25	DOOR A106	G	20 A	1	180 VA	0 VA		1	20 A	--	EXISTING LOAD	25	
27	SPACE	--	--	--	--	--	--	--	1	20 A	--	EXISTING LOAD	28	
29	SPACE	--	--	--	--	--	--	--	1	20 A	--	EXISTING LOAD	30	
						<b>Total Load:</b>	180 VA	0 VA	0 VA					
						<b>Total Amps:</b>	2 A	0 A	0 A					
						<b>Phase Balance:</b>	% A-B	% B-C	% C-A					
<b>Load Type</b>						<b>Connected Load</b>	<b>Demand Factor</b>	<b>Demand Load</b>	<b>Panel Totals</b>					
L	Lighting	0 VA	0.00%	0 VA	Power Factor: 1									
R	Receptacle	0 VA	0.00%	0 VA										
M	Motor	0 VA	0.00%	0 VA	Total Connected Load: 180 VA									
C	Continuous	0 VA	0.00%	0 VA	Total Connected Current: 0 A									
G	General	180 VA	100.00%	180 VA										
K	Kitchen	0 VA	0.00%	0 VA	Total Demand Load: 180 VA									
E	Existing	0 VA	0.00%	0 VA	Total Demand Current: 0 A									
O	Other	0 VA	0.00%	0 VA										

### Panel BC1

Location: Supply From: Mounting: Surface Enclosure: Type 1

Voltage: 120/208 Wye Phase: 3 Wire: 4

A.I.C. Rating: 10,000 Mains Type: MLO Bus Rating: 250 A

Circuit Notes: 1. NEW LOAD ON EXISTING SPARE CIRCUIT BREAKER.

Note	Circ.	Load	Type	Trip	Po...	A	B	C	Po...	Trip	Type	Load	Circ.	Note
1	COMP RECEPT RM 14	--	20 A	1	0 VA	0 VA			1	20 A	--	COMP RECEPT RM 16	2	
3	COMP RECEPT RM 14	--	20 A	1		0 VA	0 VA		1	20 A	--	COMP RECEPT RM 16	4	
5	COMP RECEPT RM 13	--	20 A	1			0 VA	0 VA	1	20 A	--	COMP RECEPT RM 13	6	
7	COMP RECEPT RM 13	--	20 A	1	0 VA	0 VA			1	20 A	--	COMP RECEPT RM 13	8	
9	COMP RECEPT RM 10	--	20 A	1		0 VA	0 VA		1	20 A	--	COMP RECEPT RM 12	10	
11	COMP RECEPT RM 10	--	20 A	1			0 VA	0 VA	1	20 A	--	COMP RECEPT RM 12	12	
13	COMP REC OFF B146	--	20 A	1	0 VA	0 VA			1	20 A	--	REC TECH CENTER 15	14	
15	COMP REC OFF B146	--	20 A	1		0 VA	0 VA		1	20 A	--	REC TECH CENTER 15	16	
1	17	DOORS B100A, 104, 107	G	20 A	1	540 VA	0 VA		1	20 A	--	REC TECH CENTER 15	18	
19	SPARE	--	20 A	1	0 VA	0 VA			1	20 A	--	REC TECH CENTER 15	20	
21	SPARE	--	20 A	1		0 VA	0 VA		1	20 A	--	REC TECH CENTER 15	22	
23	SPARE	--	20 A	1			0 VA	0 VA	1	20 A	--	SPARE	24	
25	SPARE	--	20 A	1	0 VA	0 VA			1	20 A	--	SPARE	26	
27	PANEL BC2	--	60 A	3					1	--	--	SPACE	28	
29	SPACE	--	--	--	--	--	--	--	1	--	--	SPACE	30	
						<b>Total Load:</b>	0 VA	0 VA	540 VA					
						<b>Total Amps:</b>	0 A	0 A	5 A					
						<b>Phase Balance:</b>	% A-B	% B-C	% C-A					
<b>Load Type</b>						<b>Connected Load</b>	<b>Demand Factor</b>	<b>Demand Load</b>	<b>Panel Totals</b>					
L	Lighting	0 VA	0.00%	0 VA	Power Factor: 1									
R	Receptacle	0 VA	0.00%	0 VA										
M	Motor	0 VA	0.00%	0 VA	Total Connected Load: 540 VA									
C	Continuous	0 VA	0.00%	0 VA	Total Connected Current: 1 A									
G	General	540 VA	100.00%	540 VA										
K	Kitchen	0 VA	0.00%	0 VA	Total Demand Load: 540 VA									
E	Existing	0 VA	0.00%	0 VA	Total Demand Current: 1 A									
O	Other	0 VA	0.00%	0 VA										

### Panel PA1

Location: Supply From: Mounting: Surface Enclosure: Type 1

Voltage: 120/208 Wye Phase: 3 Wire: 4

A.I.C. Rating: 10,000 Mains Type: MCB Bus Rating: 125 A MCB Rating: 125 A

Circuit Notes: 1. PROVIDE CIRCUIT BREAKER IN SPACE TO MATCH EXISTING.

Note	Circ.	Load	Type	Trip	Po...	A	B	C	Po...	Trip	Type	Load	Circ.	Note
1	ROOMS 47, 45	--	20 A	1	0 VA	0 VA			1	20 A	--	ROOMS 46, BOYS RR	2	
3	ROOMS 45, 43	--	20 A	1		0 VA	0 VA		1	20 A	--	ROOMS 43, 44	4	
5	ROOMS 39	--	20 A	1			0 VA	0 VA	1	20 A	--	ROOMS 40	6	
7	ROOMS 49	--	20 A	1	0 VA	0 VA			1	20 A	--	EXISTING LOAD	8	
9	ROOMS 50, 51	--	20 A	1		0 VA	0 VA		1	20 A	--	EXISTING LOAD	10	
11	EXISTING LOAD	--	20 A	1			0 VA	0 VA	1	20 A	--	EXISTING LOAD	12	
13	EXISTING LOAD	--	20 A	1	0 VA	0 VA			1	20 A	--	EXISTING LOAD	14	
15	EXISTING LOAD	--	20 A	1		0 VA	0 VA		1	20 A	--	DIMMER LIGHTS	16	
17	DRINK FOUNTAIN	--	20 A	1			0 VA	0 VA	1	20 A	--	EXISTING LOAD	18	
19	EXISTING LOAD	--	20 A	1	0 VA	0 VA			1	20 A	--	CLIMA TECH	20	
21	EXISTING LOAD	--	20 A	1		0 VA	0 VA		1	20 A	--	EXHAUST FAN	22	
23	EXISTING LOAD	--	20 A	1			0 VA	180 VA	1	20 A	G	DOOR A107	24	1
25	EXISTING LOAD	--	20 A	2	0 VA	--			1	--	--	SPACE	26	
27	EXISTING LOAD	--	20 A	1		0 VA	--		1	--	--	SPACE	28	
29	EXISTING LOAD	--	20 A	1			0 VA	--	1	--	--	SPACE	30	
31	SPACE	--	--	--	--	--	--	--	1	--	--	SPACE	32	
33	SPACE	--	--	--	--	--	--	--	1	--	--	SPACE	34	
35	SPACE	--	--	--	--	--	--	--	1	--	--	SPACE	36	
37	SPACE	--	--	--	--	--	--	--	1	--	--	SPACE	38	
39	SPACE	--	--	--	--	--	--	--	1	--	--	SPACE	40	
41	SPACE	--	--	--	--	--	--	--	1	--	--	SPACE	42	
						<b>Total Load:</b>	0 VA	0 VA	180 VA					
						<b>Total Amps:</b>	0 A	0 A	2 A					
						<b>Phase Balance:</b>	% A-B	% B-C	% C-A					
<b>Load Type</b>						<b>Connected Load</b>	<b>Demand Factor</b>	<b>Demand Load</b>	<b>Panel Totals</b>					
L	Lighting	0 VA	0.00%	0 VA	Power Factor: 1									
R	Receptacle	0 VA	0.00%	0 VA										
M	Motor	0 VA	0.00%	0 VA	Total Connected Load: 180 VA									
C	Continuous	0 VA	0.00%	0 VA	Total Connected Current: 0 A									
G	General	180 VA	100.00%	180 VA										
K	Kitchen	0 VA	0.00%	0 VA	Total Demand Load: 180 VA									
E	Existing	0 VA	0.00%	0 VA	Total Demand Current: 0 A									
O	Other	0 VA	0.00%	0 VA										

### Panel PC1

Location: Supply From: Mounting: Surface Enclosure: Type 1

Voltage: 120/208 Wye Phase: 3 Wire: 4

A.I.C. Rating: 10,000 Mains Type: MCB Bus Rating: 225 A MCB Rating: 225 A

Circuit Notes: 1. NEW LOAD ON EXISTING SPARE CIRCUIT BREAKER. 2. PROVIDE CIRCUIT BREAKER IN SPACE TO MATCH EXISTING.

Note	Circ.	Load	Type	Trip	Po...	A	B	C	Po...	Trip	Type	Load	Circ.	Note
1	RECEPTS	--	20 A	1	0 VA	0 VA			1	20 A	--	RECEPTS	2	
3	RECEPTS	--	20 A	1		0 VA	0 VA		1	20 A	--	RECEPTS	4	
5	RECEPTS	--	20 A	1			0 VA	0 VA	1	20 A	--	RECEPTS	6	
7	RECEPTS	--	20 A	1	0 VA	0 VA			1	20 A	--	RECEPTS	8	
9	RECEPTS	--	20 A	1		0 VA	0 VA		1	20 A	--	RECEPTS	10	
11	RECEPTS	--	20 A	1			0 VA	0 VA	1	20 A	--	RECEPTS	12	
13	RECEPTS BOYS RR	--	20 A	1	0 VA	0 VA			1	20 A	--	RECEPTS	14	
15	RECEPTS GIRLS RR	--	20 A	1		0 VA	0 VA		2	15 A	--	WH-8	16	
17	SPRINKLER ALARM	--	20 A	1			0 VA	360 VA	1	20 A	G	DOORS C105, C102	18	1
19	LIGHTS	--	20 A	1	0 VA	0 VA			1	20 A	--	HP-6 CONTROL	20	
21	SPRINKLER CONTROL	--	20 A	1		0 VA	0 VA		1	20 A	--	FIRE DAMPERS	22	
23	EX FAN	--	20 A	1			0 VA	660 VA	1	20 A	G	DOORS C100A, B, C	24	2
25	BLDG C FIRE ALARM	--	20 A	1	0 VA	--			1	--	--	SPACE	26	
27	SPACE	--	--	--	--	--	--	--	1	--	--	SPACE	28	
29	SPACE	--	--	--	--	--	--	--	1	--	--	SPACE	30	
31	SPACE	--	--	--	--	--	--	--	1	--	--	SPACE	32	
33	SPACE	--	--	--	--	--	--	--	1	--	--	SPACE	34	
35	SPACE	--	--	--	--	--	--	--	1	--	--	SPACE	36	
37	SPACE	--	--	--	--	--	--	--	1	--	--	SPACE	38	
39	SPACE	--	--	--	--	--	--	--	1	--	--	SPACE	40	
41	SPACE	--	--	--	--	--	--	--	1	--	--	SPACE	42	
						<b>Total Load:</b>	0 VA	0 VA	1020 VA					
						<b>Total Amps:</b>	0 A	0 A	9 A					
						<b>Phase Balance:</b>	% A-B	% B-C	% C-A					
<b>Load Type</b>						<b>Connected Load</b>	<b>Demand Factor</b>	<b>Demand Load</b>	<b>Panel Totals</b>					
L	Lighting	0 VA	0.00%	0 VA	Power Factor: 1									
R	Receptacle	0 VA	0.00%	0 VA										
M	Motor	0 VA	0.00%	0 VA	Total Connected Load: 1020 VA									
C	Continuous	0 VA	0.00%	0 VA	Total Connected Current: 3 A									
G	General	1020 VA	100.00%	1020 VA										
K	Kitchen	0 VA	0.00%	0 VA	Total Demand Load: 1020 VA									
E	Existing	0 VA	0.00%	0 VA	Total Demand Current: 3 A									
O	Other	0 VA	0.00%	0 VA										

### Panel PA2

Location: Supply From: Mounting: Surface Enclosure: Type 1

Voltage: 120/208 Wye Phase: 3 Wire: 4

A.I.C. Rating: 10,000 Mains Type: MCB Bus Rating: 125 A MCB Rating: 125 A

Circuit Notes: 1. PROVIDE CIRCUIT BREAKER IN SPACE TO MATCH EXISTING.

Note	Circ.	Load	Type	Trip	Po...	A	B	C	Po...	Trip	Type	Load	Circ.	Note
1	BOYS RR	--	20 A	1	0 VA	0 VA			1	20 A	--	ROOM A33	2	
3	ROOM A20	--	20 A	1		0 VA	0 VA		1	20 A	--	ROOM A33	4	
5	ROOM A13	--	20 A	1			0 VA	0 VA	1	20 A	--	ROOM A33	6	
7	ROOM A30	--	20 A	1	0 VA	0 VA			1	20 A	--	ROOM A31	8	
9	ROOM A30	--	20 A	1		0 VA	0 VA		1	20 A	--	ROOM A31	10	
11	ROOM A30	--	20 A	1			0 VA	0 VA	1	20 A	--	ROOM A31	12	
13	ROOM A32	--	20 A	1	0 VA	0 VA			1	20 A	--	ROOM A29	14	