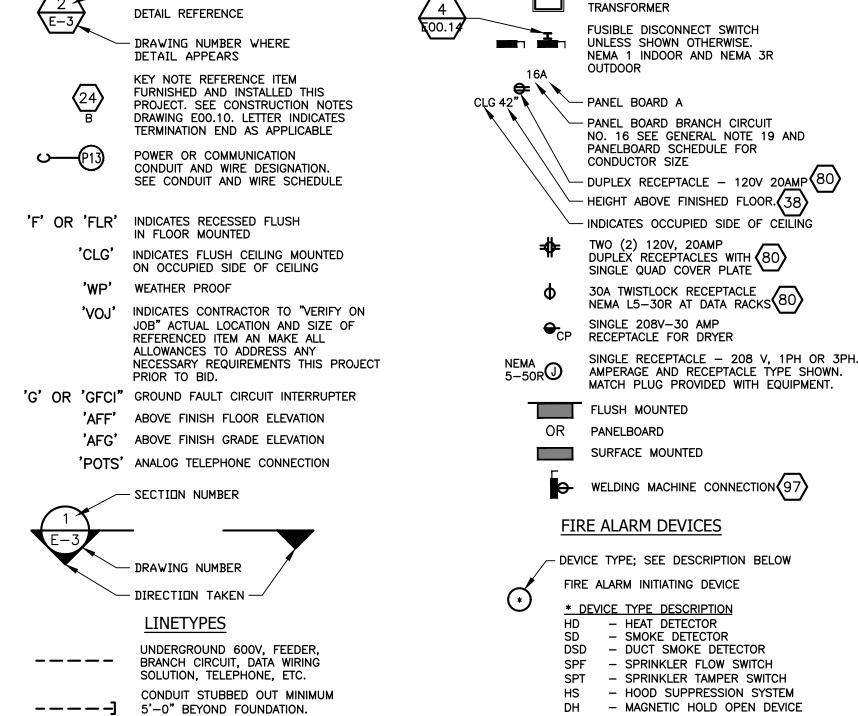


CIRCUIT BREAKER

GROUND ROD CONNECTION



UTILITY COMPANY PAD MOUNT

FIRE ALARM AUDIO/VISUAL UNIT CEILING MOUNTED AS SHOWN

DEVICE CANDELA RATING

REFERENCE / DESCRIPTION

— DETAIL NUMBER

ROADWAY, SIDEWALK, MANHOLE, FENCE, ETC.

HEAVY LINE WORK INDICATES WORK THIS PROJECT.

LIGHT LINE WORK INDICATES EXISTING.

JUNCTION BOXES / PULL BOXES

DESIGNATES POWER OR CONTROL JUNCTION BOX

(PROVIDE CONNECTION AS REQUIRED FOR DEVICE)

	KP	SECURITY KEY PAD. SEE DRAWING E04.21 FOR SPECIFIC AREAS TO BE INCLUDED IN EACH SECURITY PARTITIONS FOR THE MAIN BUILDING. PARTITIONS INDICATES THE LIMITS OF EACH AREA TO BE DISARMED WHILE THE REMAINDER OF THE SCHOOL REMAINS SECURE. PROVIDE DEVICES AS REQUIRED TO PROVIDE THE DEFINED ZONES.
	MS	SECURITY SYSTEM MOTION SENSOR
		CCTV CAMERA LOCATION WHERE SHOWN; MOUNT INFRASTRUCTURE ONLY AT 144" AFG OUTSIDE, 108" AFF WALL MOUNTED INSIDE OR AT CEILING HEIGHT INSIDE. APSB TO PROVIDE AND INSTALL CAMERAS.
		COMMUNICATION / DATA
	<b>25</b> 2 <b>▽</b>	DATA OUTLET NUMBER SHOWN INDICATES NUMBER OF DROPS.
	17 POTS	POTS TELEPHONE RJ-11JACK WITH CAT 6A TO TELEPHONE BACKBOARD
	W <sub>84"</sub>	WIRELESS DATA ACCESS MOUNTED ON CEILING OR OTHERWISE AT THE ELEVATION AFF SHOWN. PROVIDE ONE(1) PLENUM RATED CAT 6A TO EACH DEVICE.
н.		INTERCOM CALL STATION
	<b>IM</b>	INTERCOM MASTER STATION PHONE
	(SPK)	PAGING SPEAKER, FLUSH RECESSED IN CEILING OR TRUMPET LOCATED OUTSIDE. PROVIDE ENCLOSED BACKBOX FOR ALL SURFACE MOUNTED SPEAKERS IN EXPOSED STRUCTURE AREAS
	**\SPK\73"	SPEAKER, SURFACE WALL MOUNTED AT ELEVATION AFF SHOWN ON DRAWING. CONSTRUCTION NOTE DEFINES THE SPECIFIC TYPE SPEAKER.
	<del>-</del> C	DIGITAL STYLE CLOCK ARROWS INDICATE FACE OF CLOCK ELEVATION 96"AFF
	(35) DB	DOORBELL BUTTON INTERCONNECTED TO DOORBELL SOUNDER
	(35) DS	DOORBELL SOUNDER. INTERCONNECT WITH DOORBELL BUTTON AND CONNECT TO CLOSEST 120VOLT BRANCH CIRCUIT.
	$\sqrt{36}\sqrt{78}$ A	INDICATES LOCATION OF ELECTRIC LOCK OF ACCESS CONTROL SYSTEM.
	(79) CR	LOCATION OF ACCESS CONTROL SYSTEM CARD READER.

INDICATES LOCATION OF PUSH BUTTON FOR ELECTRIC DOOR LOCK. \*

INDICATES SPECIFIC DOOR CONTROLLED.

INDICATES LOCATION OF ELECTRIC STRIKE FOR SPECIFIC DOOR LOCK. THE \* LETTER

INDICATES SPECIFIC DOOR CONTROLLED.

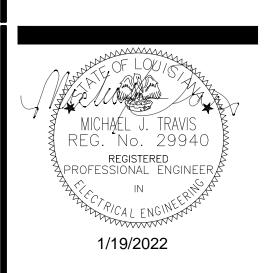
SECURITY DEVICES

TYPE	WIDTH	LENGTH	N□.	LAMP TYPE	MANUFACTURER			
A	2'	4'	1	52W LED	LITHONIA CAT. NO. CPANL 2X4 40/50/60LM 40K			
AR	2'	4'	1	52W LED	LITHONIA CAT. NO. CPANL 2X4 40/50/60LM 40K DGA24			
В	2'	2'	1	39W LED	LITHONIA CAT. NO. CPANL 2X2 24/33/44LM 40K			
BR	2'	2'	1	39W LED	LITHONIA CAT. NO. CPANL 2X2 24/33/44LM 40K DGA22			
C2	4"	2'	1	22W LED	MARK CAT. NO. SL4L LOP 2FT FLP FL 80CRI 40K 1000LMF MIN10 120 ZT			
C2S	4"	2'	1	22W LED	MARK CAT. NO. S4LD LLP 2FT MSL2 80CRI 40K 1000LMF MIN1 MVOLT WHT ZT			
C3	4"	3'	1	33W LED	F2/72A RDCY WHTCY WCRD  MARK CAT. NO. SL4L LOP 3FT FLP FL 80CRI 40K 1000LMF MIN10 120 ZT			
C3S	4"	3'	1	33W LED	MARK CAT. NO. S4LD LLP 3FT MSL3 80CRI 40K 1000LMF MIN1 MVOLT WHT			
C4	4"	4'	1	44W LED	ZT F2/72A RDCY WHTCY WCRD  MARK CAT. NO. SL4L LOP 4FT FLP FL 80CRI 40K 1000LMF MIN10 120 ZT			
			1	44W LED	MARK CAT. NO. SLAE LOP AFT FLP FL BOCK! 40K TOUGLMF MINTO 120 ZT  MARK CAT. NO. S4LD LLP 4FT MSL4 80CRI 40K 1000LMF MIN1 MVOLT WHT ZT			
C4S	4"	4'			F2/72A RDCY WHTCY WCRD			
C6	4"	4'	1	66W LED	MARK CAT. NO. SL4L LOP 6FT RLP FL 80CRI 40K 1000LMF MIN10 120 ZT  MARK CAT. NO. S4LD LLP 6FT MSL6 80CRI 40K 1000LMF MIN1 MVOLT WHT ZT			
C6S	4"	4'	1	66W LED	F2/72A RDCY WHTCY WCRD			
C8	4"	8'	1	88W LED	MARK CAT. NO. SL4L LOP 8FT FLP FL 80CRI 40K 1000LMF MIN10 120 ZT			
C8S	4"	8'	1	88W LED	MARK CAT. NO. S4LD LLP 8FT MSL8 80CRI 40K 1000LMF MIN1 MVOLT WHT ZT F2/72A RDCY WHTCY WCRD			
C12	4"	12'	1	132W LED	MARK CAT. NO. SL4L LOP 12FT FLP FL 80CRI 40K 1000LMF MIN10 120 ZT			
C12S	4"	12'	1	132W LED	MARK CAT. NO. S4LD LLP 12FT MSL12 80CRI 40K 1000LMF MIN1 MVOLT WHT  ZT F2/72A RDCY WHTCY WCRD			
D4	6"	4'	1	35W LED	LITHONIA CAT. NO. CLX L48 4000LM SEF WDL MVOLT GZ10 40K 80CRI WH			
D8	6"	8'	1	70W LED	LITHONIA CAT. NO. CLX L96 8000LM SEF WDL MVOLT GZ10 40K 80CRI WH			
E	3 3/4"	14 5/8"	1	3W LED	LITHONIA CAT. NO. EU2C M6			
F	6 1/2"	10 1/2"H	1	3W LED	EELP DEM LED ACEM BK			
FS		36"	1	3W LED	LITHONIA CAT. NO. BLD 36IN NODIM 15W 40K EMB310 MVOLT DP SIL			
FL		72"	1	3W LED	LITHONIA CAT. NO. BLD 72IN NODIM 30W 40K EMB310 MVOLT DP SIL			
G	6" DIA	6 1/2"	1	35W LED	LITHONIA CAT. NO. LDN6 40/20 LO6AR LSS MVOLT GZ10			
Н	13"	9"H	1	82W LED	LITHONIA CAT. NO. WPX1 LED P2 40K MVOLT DBLXD			
1	6"DIA.	9"H	1	28W LED	LUMINIS CAT. NO. SY605 L1L25 R30 120 RAL6017 SPG			
IW	6"DIA.	9"H	1	28W LED	LITHONIA CAT. NO. LDN6CYL 40/20 LO6AR LSS MVOLT FZ10 PM DWHG WL			
J	21.5"	25.6"	1	105W LED	BEST LIGHTS CAT. NO. DISC-LED DIR 80000 120-277V DIM			
KL	3"	71"	1	40W LED	LUMINIS CAT. NO. CL345 L224W40 277 MST K4 MT4			
KS	3"	47"	1	30W LED	LUMINIS CAT. NO. CL325 L112W30 277 MST K4 MT4			
L	2.5"	7"	1	46W LED	ECOSENSE CAT. NO. F080 4M HO 40 8 LFS FINISH X C (FLAG POLE)			
MS	8"	48"	1	38W LED	SOLERA CAT. NO. QUAD O BLD 8 48 24 38W LED UNV TYPE V 3000K OPL LENS A B T COLOR BLK (PROMENADE LIGHTING SHORT BOLLARDS)			
MT	8"	144"	1	76W LED	SOLERA CAT. NO. QUAD O 8 12 48 76W LED UNV OPL LENS 3000K TYPE BASE COVER A B T BASE COVER HHCOVER COLOR BLK (TALL BOLLARDS)			
N	4 7/16"	2'	1	18W LED	LITHONIA CAT. NO. FMVCSLS 24IN MVOLT 30K35K40K 90CRI BN (OVER SINK)			
NL	4 7/16"	4'	1	48W LED	LITHONIA CAT. NO. FMVCSLS 48IN MVOLT 30K35K40K 90CRI BN (OVER SINK)			
01	29.3"	34.4"	1	244W LED	LITHONIA CAT. NO. RSX2 LED P6 40K R3 MVOLT SPA DDBXD (ONE FIXTURE PER POLE), SNS 30 50 7 (POL			
02	29.3"	34.4"	2	488W LED	LITHONIA CAT. NO. RSX2 LED P6 40K R5 MVOLT SPA DDBXD (2 FIXTURES PER POLE), SNS 30 50 7 (POLE			
03	29.3"	34.4"	1	244W LED	LITHONIA CAT. NO. RSX2 LED P6 40K R5 MVOLT SPA DDBXD (1 FIXTURE PER POLE), SNS 30 50 7 (POLE)			
 	2.5"	48"	1	40W LED	INSIGHT CAT. NO. PEX HO 40K 1010 SM 48 UNV DIM MG			
Р  R	3 1/2"	4'	1	38W LED	MARK CAT. NO. S4LS LLP 4FT MSL4 80CRI 1000LMF NODIM MVOLT SLV WL			
			1	33W LED				
S 	24" DIA. 9.25W	16" 4'L			EUREKA CAT. NO. 4256-24 LED 40 80 120 DV AC 60 WHM WHM WHM			
T			1	43W LED	HYDREL CAT. NO. 4750L 4FT 1000LMF 40K MVOLT NSP KM CSL10 ZT BL			
U	9"H	4'	1	36W LED	INSIGHT CAT. NO. MX MO 40K 3060 1(U)1(D) EAS-6 48 REM NO FINISH CE100			
V	4.68"	9.72"	1	LED	ETC CAT. NO. COLORSOURSE SPOT LIGHT ENGINE CSSPOTS/CSSOTDBS SERIES SEE THEATRICAL LIGHTING SYSTEM SPECIFICATION 26 60 00			

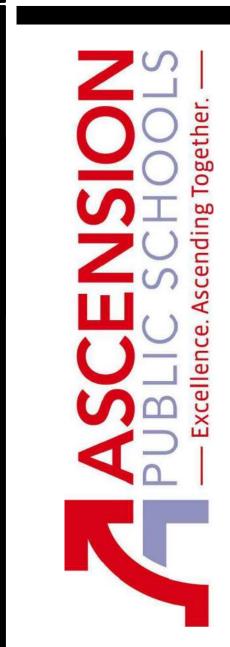


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LEGEND, LIGHTING

FIXTURE SCHEDULE

2021-05-13

- PHOTOELECTRIC CELL

\_\_\_3/4" 'L' CONDUIT BODY

NONSHRINK

**EPOXY GROUT** 

- PHOTOELECTRIC

(ORIENT NORTH)

CELL SOCKET

PENETRATIONS

GENERIC LIGHTING FIXTURE.

SEE DRAWINGS FOR LIGHTING FIXTURE TYPE.

– PARKING LOT/SIDEWALK

SEE PLAN DRAWINGS FOR LOCATIONS

TYPICAL PARKING LOT TYPE LIGHTING FIXTURE

WATERTIGHT

T (225) 927-9321 F (225) 927-9326

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REGISTERED

1/19/2022

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ROFESSIONAL ENGINEER

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8316 kelwood avenue

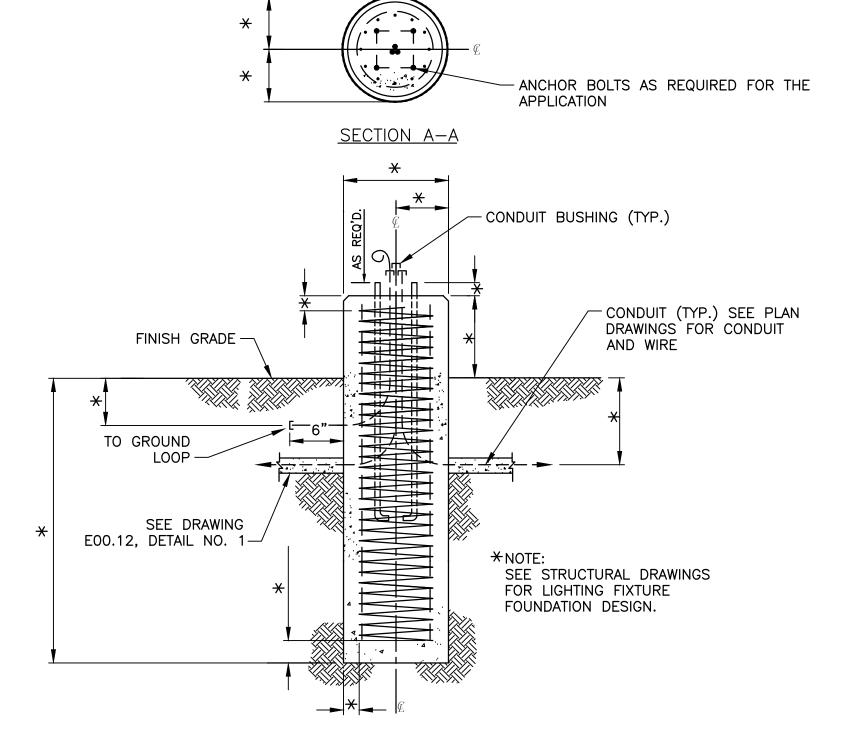
baton rouge, la 70806

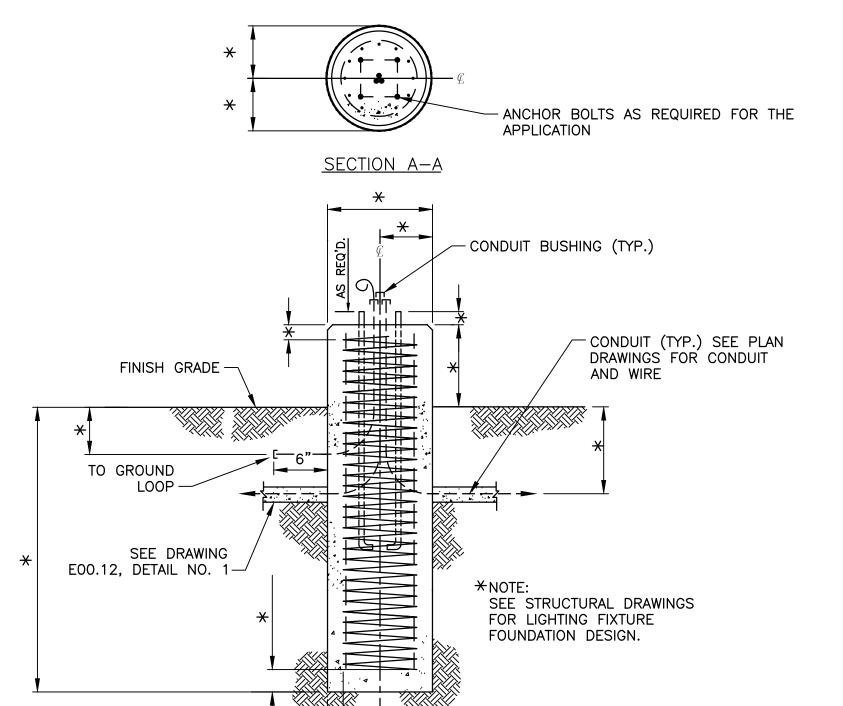
2021-05-13

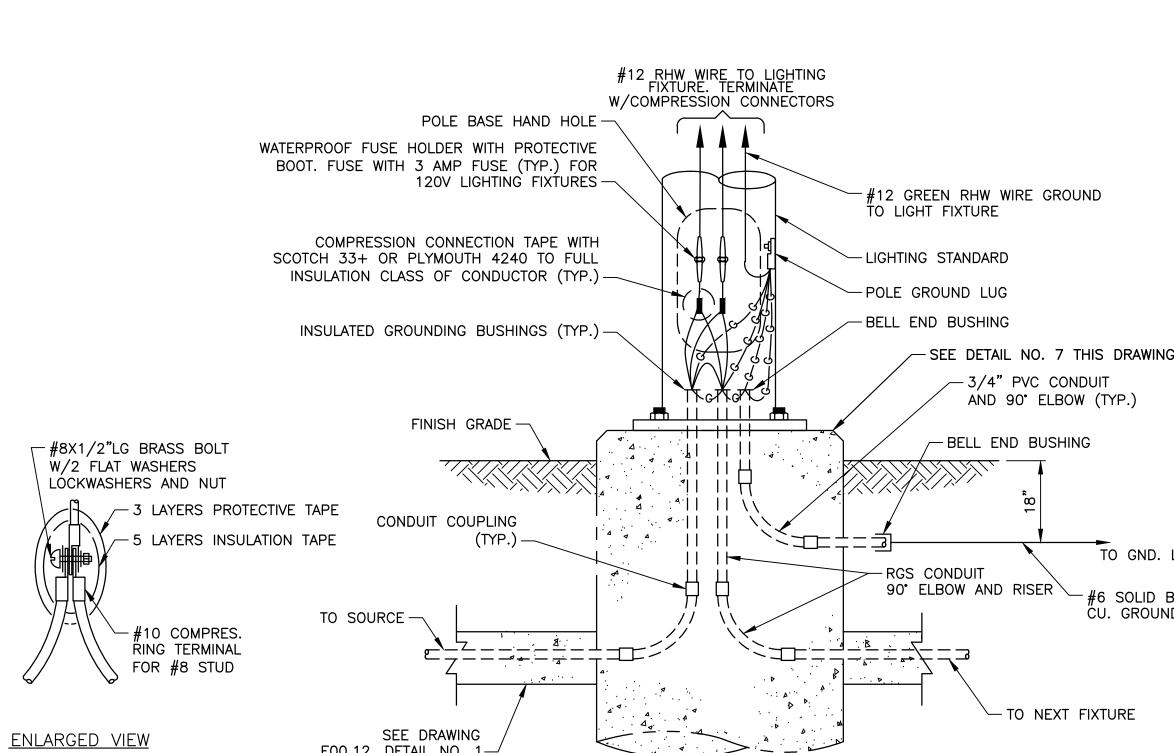
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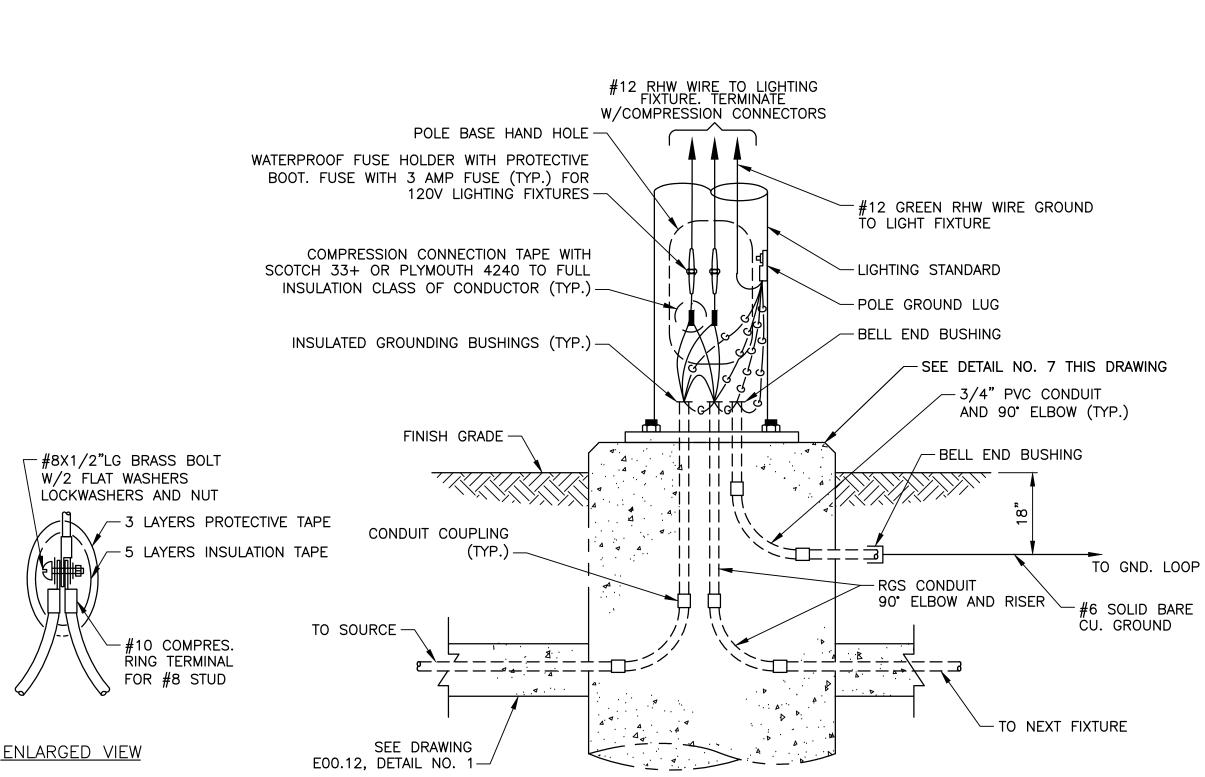
**DETAILS** 

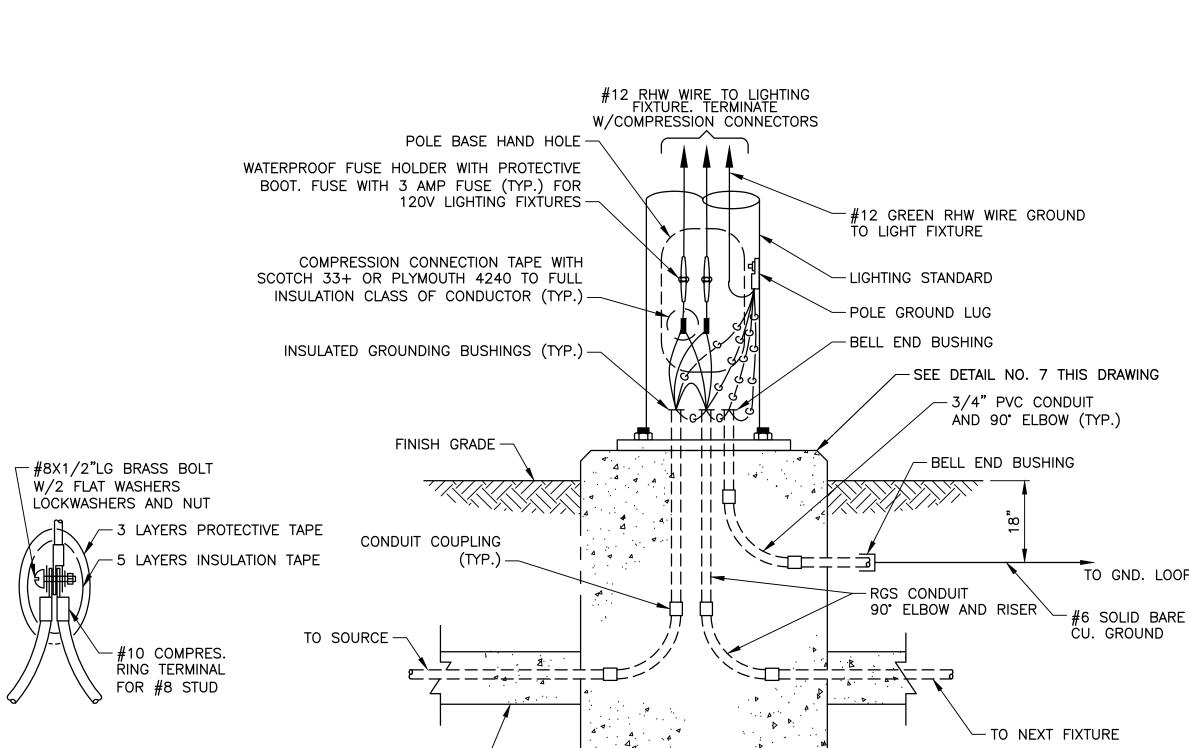
7 TYPICAL DRILLED SHAFT LIGHTING STANDARD FOOTING DETAIL

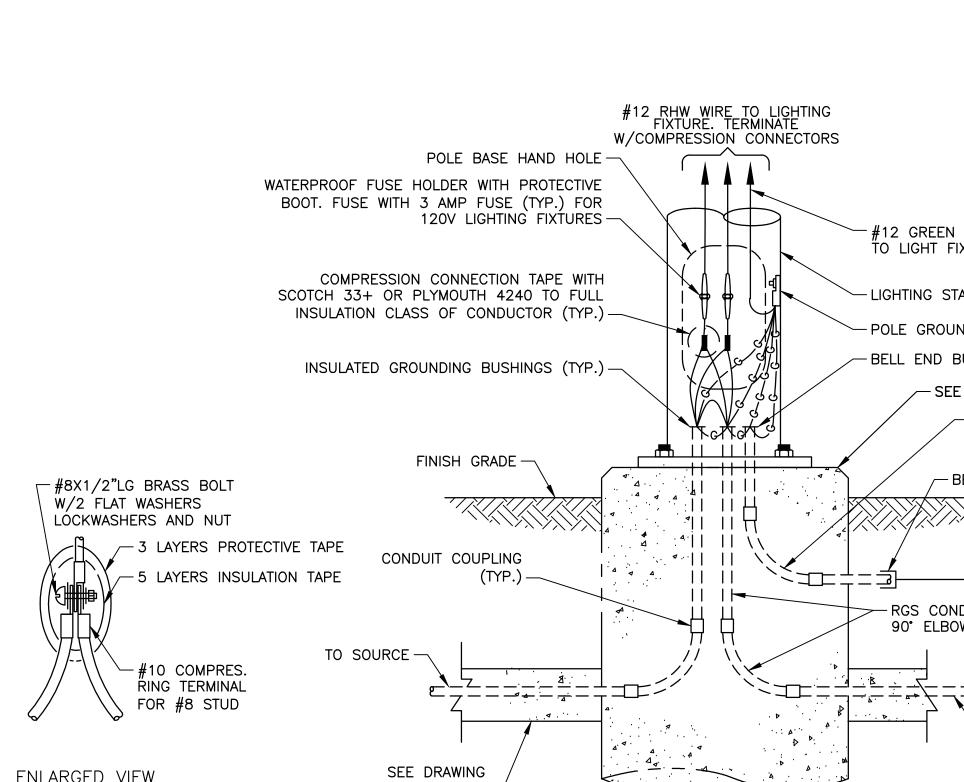




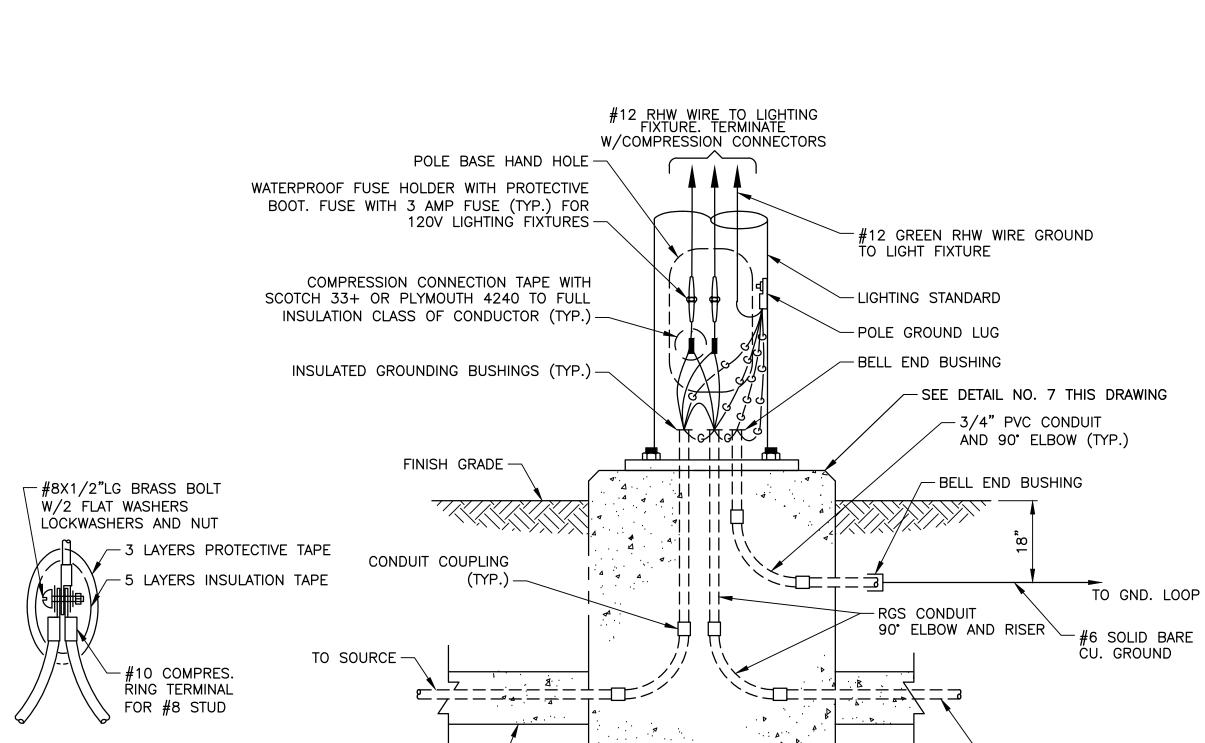






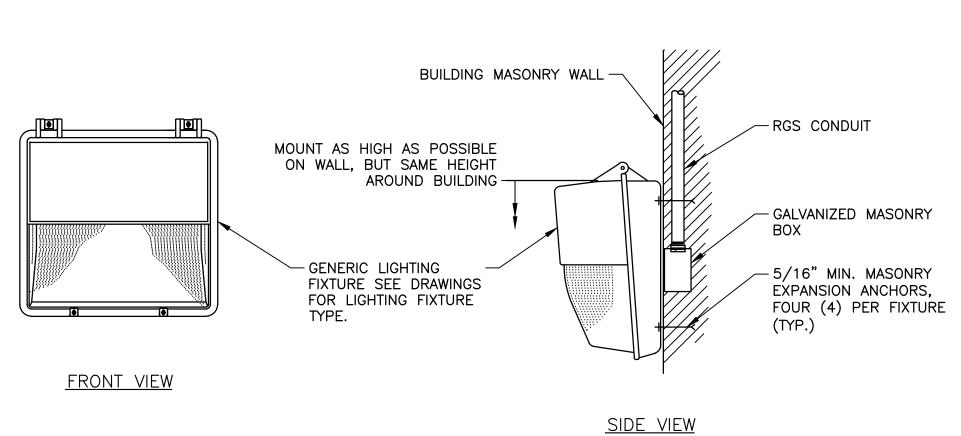


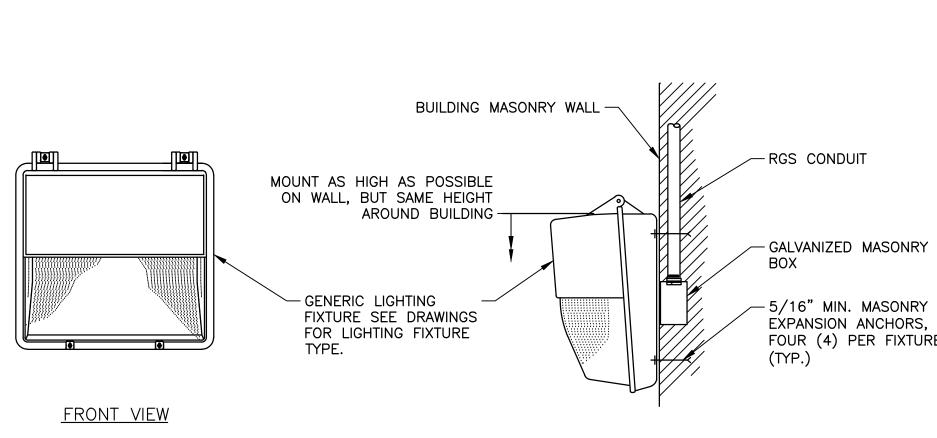
8 LIGHTING STANDARD BASE WIRING DETAIL N.T.S.



#### CEILING MOUNTED DEVICE (FIRE HORN, SMOKE DETECTOR, EXIT SIGN, ETC.) TYPICAL SUSPENDED OR LAY IN CEILING SURFACE MOUNTED DEVICE MOUNTING DETAIL

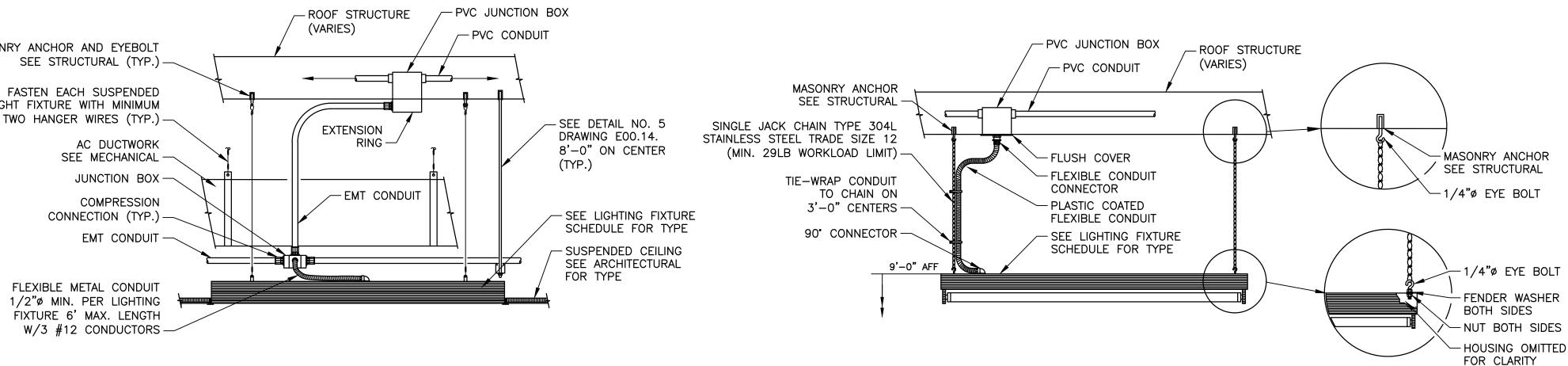
TYPICAL WALL MOUNT LIGHTING FIXTURE DETAIL





TYPICAL SUSPENDED LAY-IN 2 LIGHTING FIXTURE MOUNTING DETAIL

N.T.S.



TYPICAL ELECTRICAL AND MECHANICAL

CUT WALL AS REQUIRED

TO LIGHTING

CONTACTOR

LIGHTING STANDARD -

SEE DETAIL NO. 8

SEE DETAIL NO. 7

THIS DRAWING -

THIS DRAWING -

AND PATCH TO MATCH

SURROUNDING —

6 TYPICAL PHOTOELECTRIC CELL MOUNTING DETAIL

- MOUNTED ON NORTH SIDE OF

AND FACING AWAY FROM ALL

LIGHTING FIXTURES (TYP.)

- PHOTOELECTRIC

- PHOTOELECTRIC

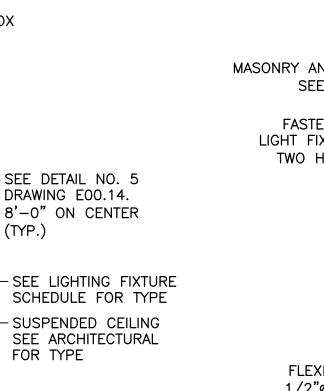
CELL SOCKET (TYP.)

'L' CONDUIT

CELL (TYP.)

BUILDING AS HIGH AS POSSIBLE

3 EQUIPMENT LIGHTING FIXTURE MOUNTING DETAIL



PVC JUNCTION BOX - PVC CONDUIT - SEE DETAIL NO. 5 DRAWING E00.14. 8'-0" ON CENTER SEE LIGHTING FIXTURE SCHEDULE FOR TYPE

ROOF STRUCTURE

**EXTENSION** 

TYPICAL SURFACE MOUNTED LIGHTING

- ROOF STRUCTURE

- SEE DETAIL NO. 5

ON CENTER (TYP.

CONNECTION (TYP.)

- EMT CONDUIT

DRAWING E00.14. 8'-0"

- CONDUIT SUPPORT (TYP.)

(VARIES)

1 FIXTURE FOR SUSPENDED CEILING

- EMT CONDUIT

MASONRY ANCHOR AND EYEBOLT

SEE STRUCTURAL (TYP.)

FASTEN EACH SUSPENDED

TWO HANGER WIRES (TYP.) -

AC DUCTWORK

JUNCTION BOX COMPRESSION

EMT CONDUIT

CONNECTION (TYP.)

1/4"ø TOGGLE BOLTS

MIN. FOUR (4) PER FIXTURE —

MASONRY ANCHOR AND

FASTEN EACH CEILING MOUNTED

DEVICE WITH MINIMUM TWO

ARCHITECTURAL (TYP.) -

HANGER WIRES (TYP.) -

EYEBOLT. SEE

JUNCTION BOX —

SEE MECHANICAL

LIGHT FIXTURE WITH MINIMUM

MASONRY ANCHOR AND EYEBOLT FASTEN EACH SUSPENDED

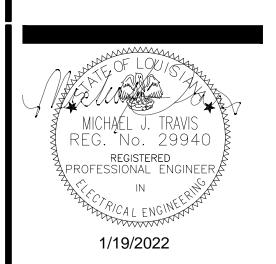
LIGHT FIXTURE WITH MINIMUM TWO HANGER WIRES (TYP.) -

Consulting Engineers / Land Surveyors



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PRAIRIEVILLE HIGH SCHOC PACKAGE 1

APSB PROJECT NO: 6420601-101
SEALED BID NO: SB-10875

No. Description

No. Date

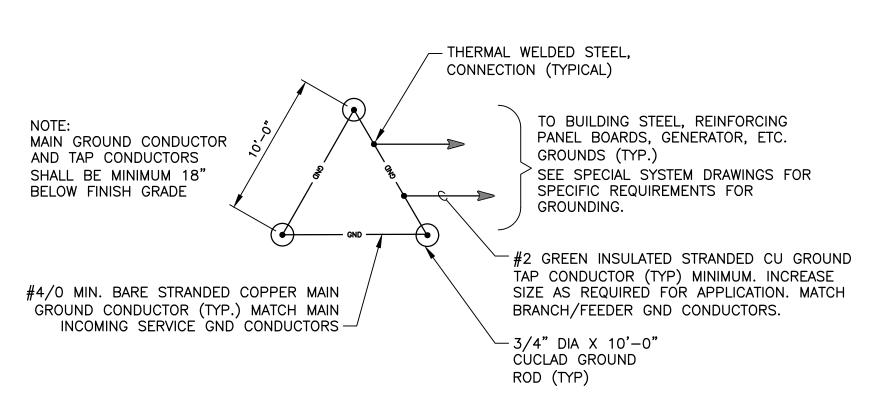
RHH project # 66-17-20
DA project # C20-0058

date 2021-05-13

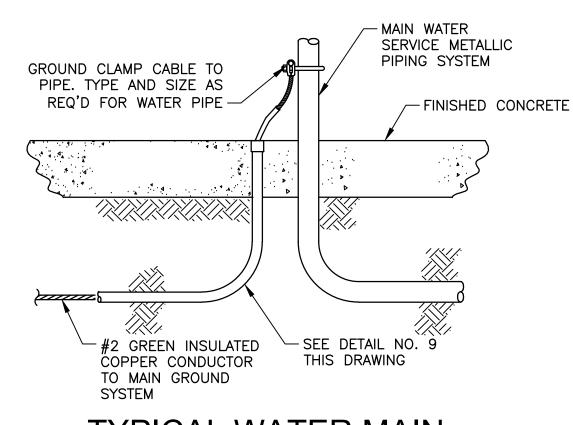
director review

DETAILS

E00.13



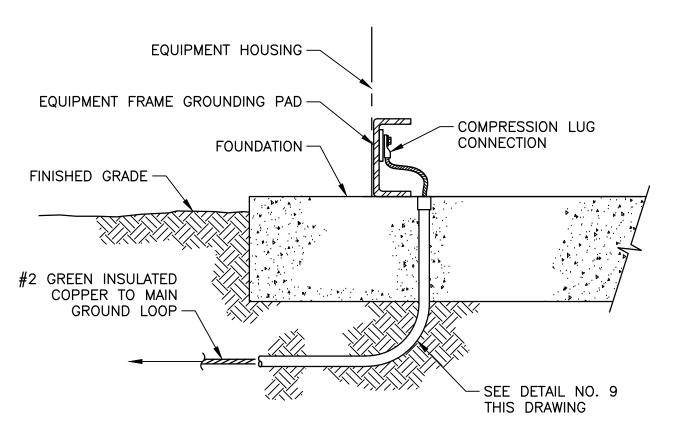
#### 1 GROUND CONDUCTOR CONNECTION DETAIL



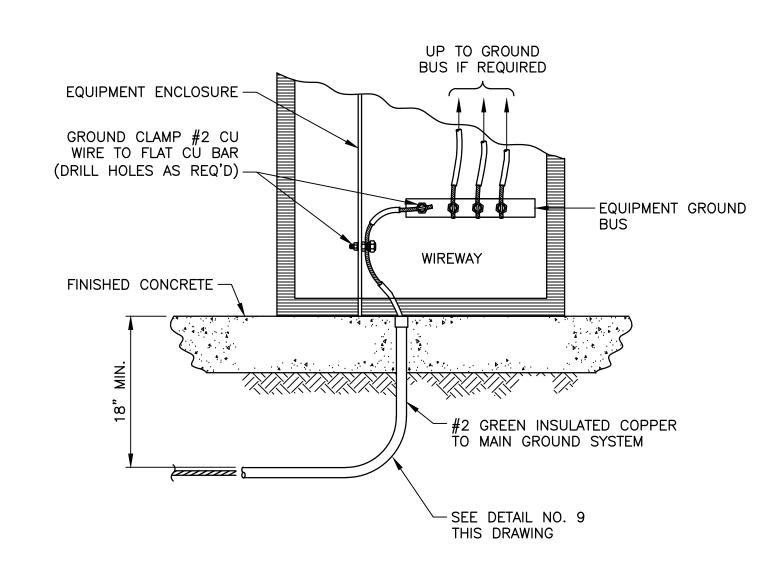
TYPICAL WATER MAIN

2 GROUNDING DETAIL

N.T.S.

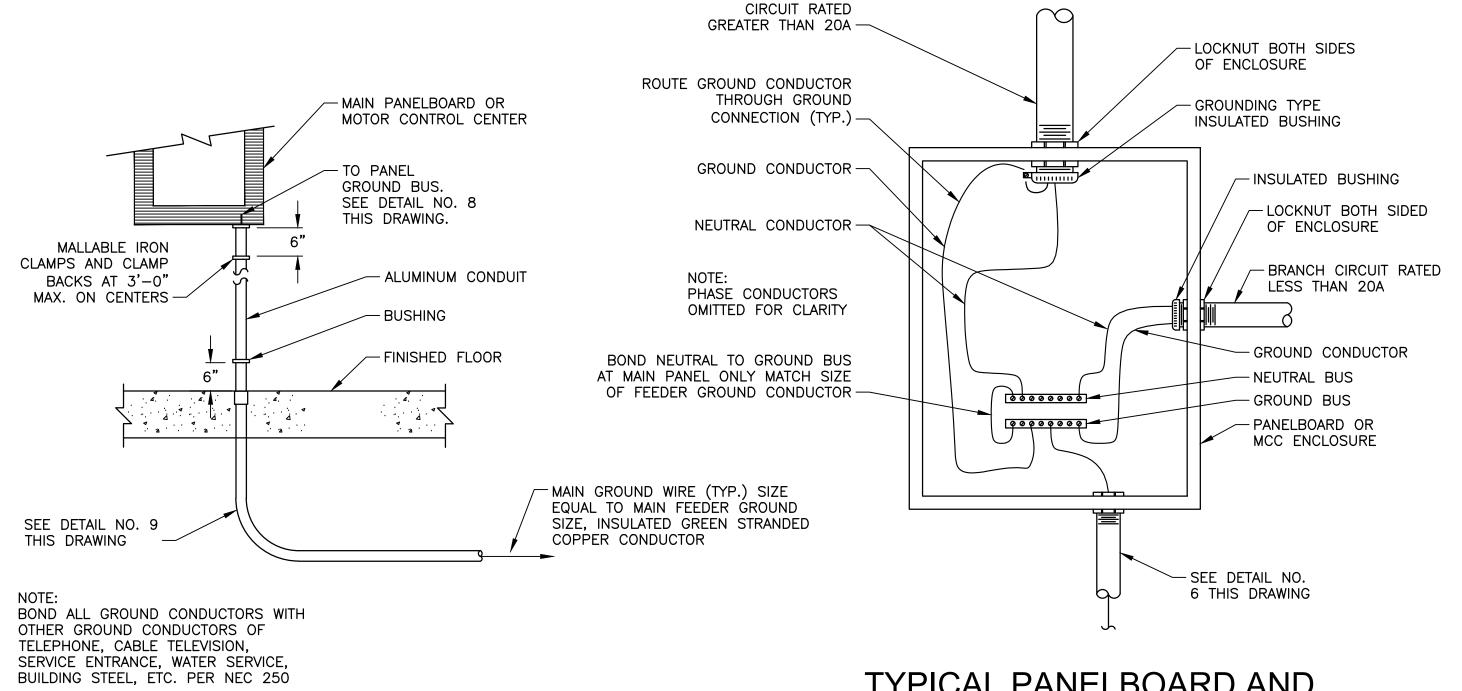


3 TYPICAL EQUIPMENT GROUNDING DETAIL



5 TYPICAL EQUIPMENT GROUNDING DETAIL

N.T.S.



FEEDER OR BRANCH

6 TYPICAL GROUND CONNECTION DETAIL

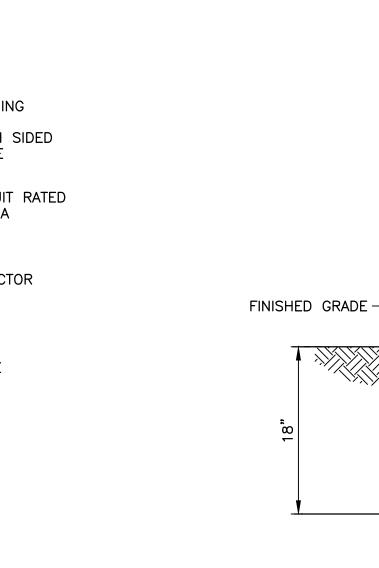
N.T.S.

TYPICAL PANEL

MCC GROUNDII

N.T.S.





TYPICAL GROUNDING
SLEEVE STUB-UP DETAIL
N.T.S.

PLYWOOD BACKBOARD -

GROUND BUS. 3/8" X 2"

COOPER BUS BAR 2'-0"-

3/8" STAINLESS STEEL

3/4" PVC CONDUIT SECTION

2" LONG SPACE 2" FROM

END AND ON 8" CENTERS -

#2 GREEN INSULATED

COPPER GROUND -

COMPRESSION LUG

TERMINAL

**FINISHED** 

SEE DETAIL NO. 9 THIS DRAWING

SYSTEM DETAIL

1" SCH. 40 PVC COUPLING

TOP OF COUPLING TO BE

TOP OF

CONCRETE SLAB -

FLUSH WITH TOP OF SLAB -

BOND ALL GROUND CONDUCTORS WITH

OTHER GROUND CONDUCTORS OF TELEPHONE, CABLE TELEVISION, SERVICE ENTRANCE, WATER SERVICE, BUILDING STEEL, ETC. PER NEC 250

FLOOR -

#2 GREEN INSULATED COOPER

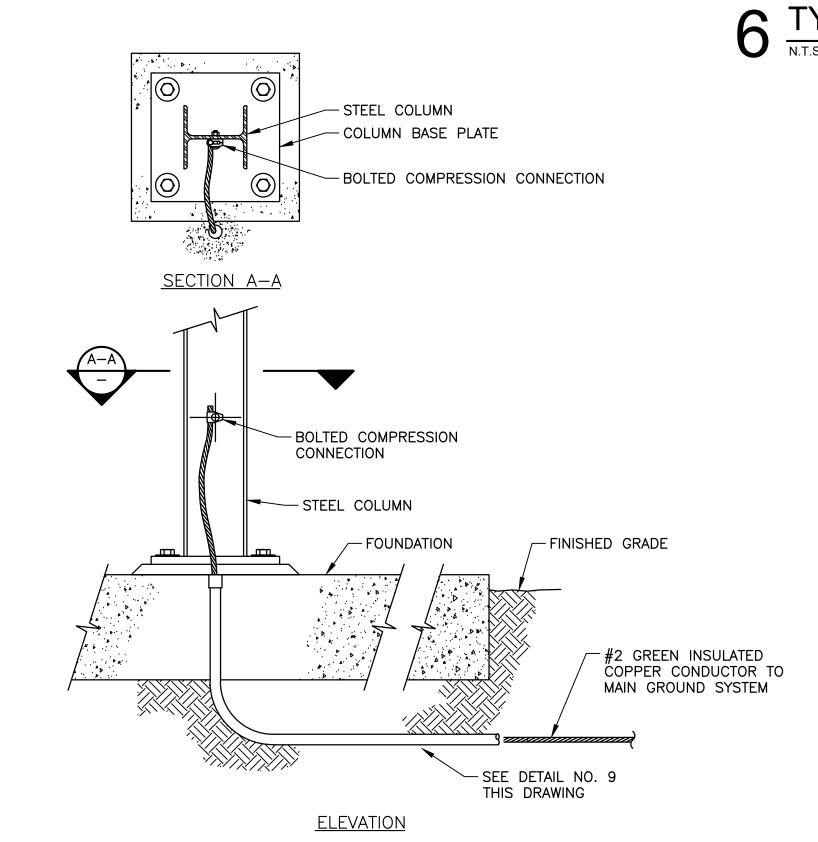
TYPICAL GROUNDING FOR INCOMING

INTERNET/PHONE PROVIDER TELEPHONE

TO MAIN GROUND -

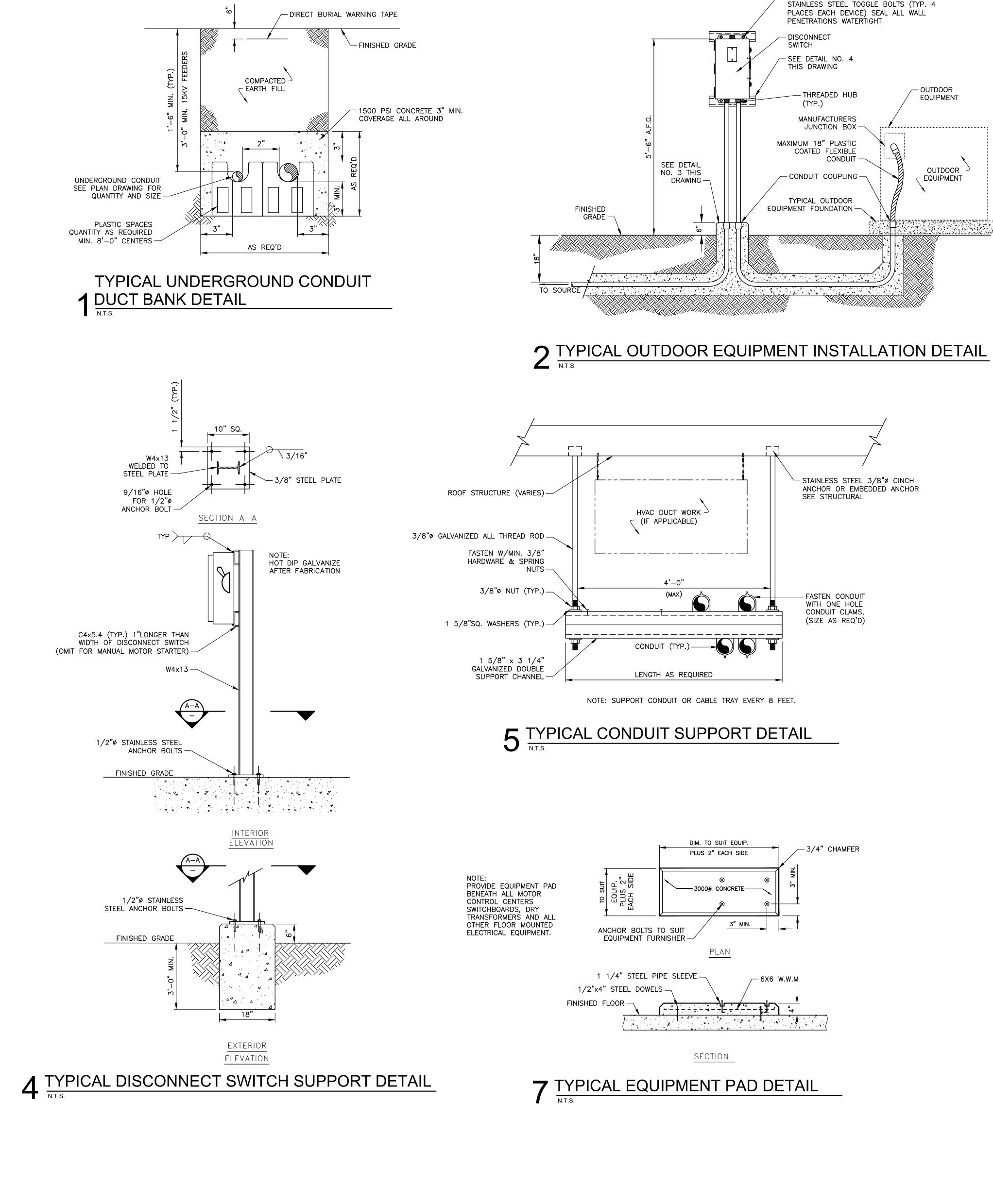
1" SCH. 40 PVC 90° ELBOW

MASONRY ANCHOR -



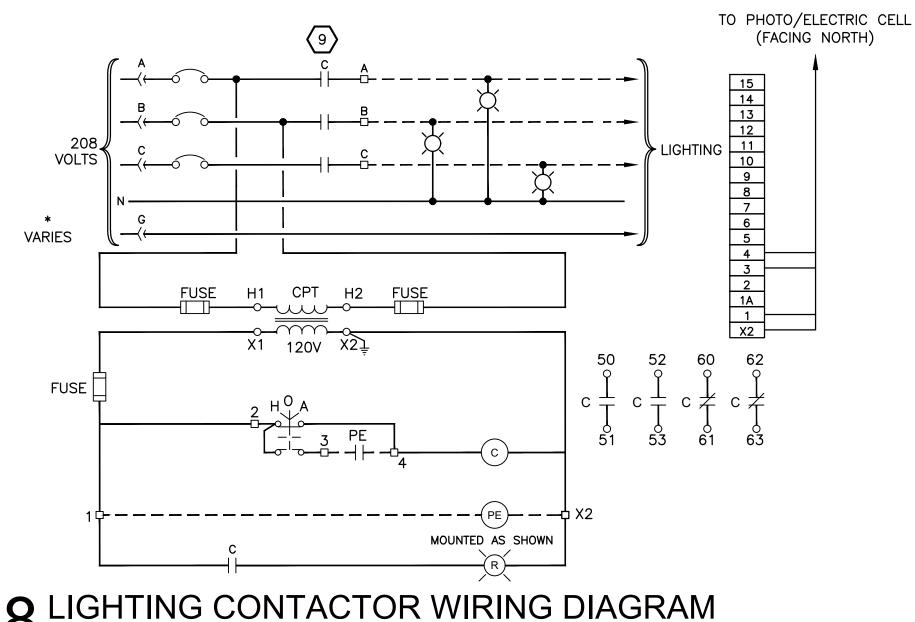
7 METAL BUILDING AND TYPICAL SUPPORT GROUNDING DETAIL

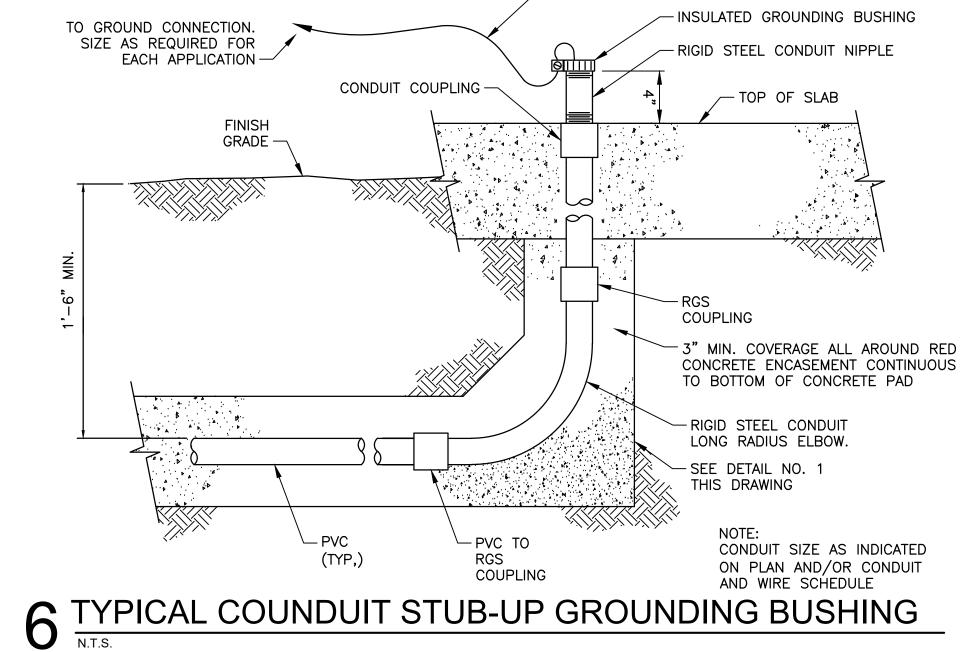
21-05-13

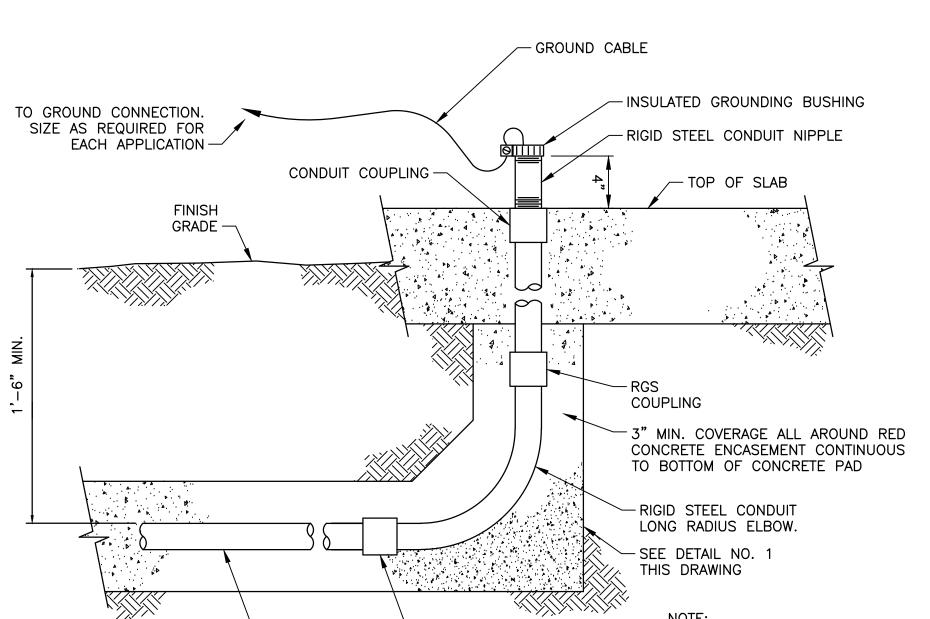




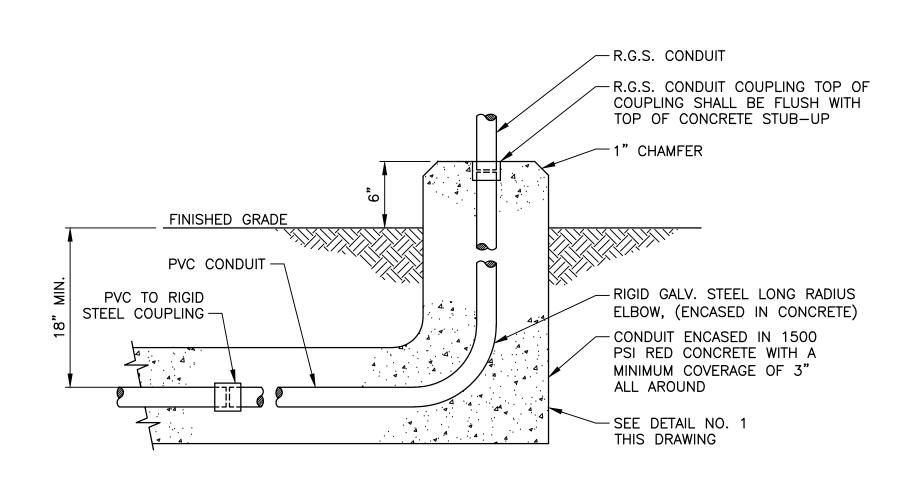












FASTEN TO WALL OR SUPPORT WITH 1/4"ø











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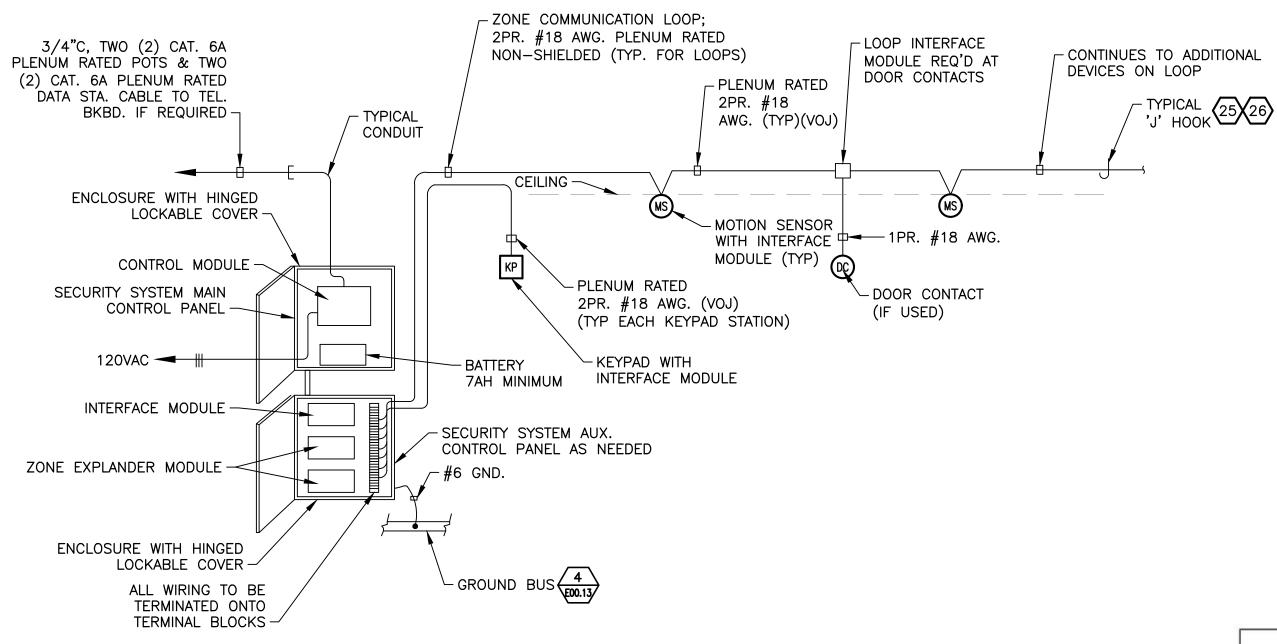
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DETAILS

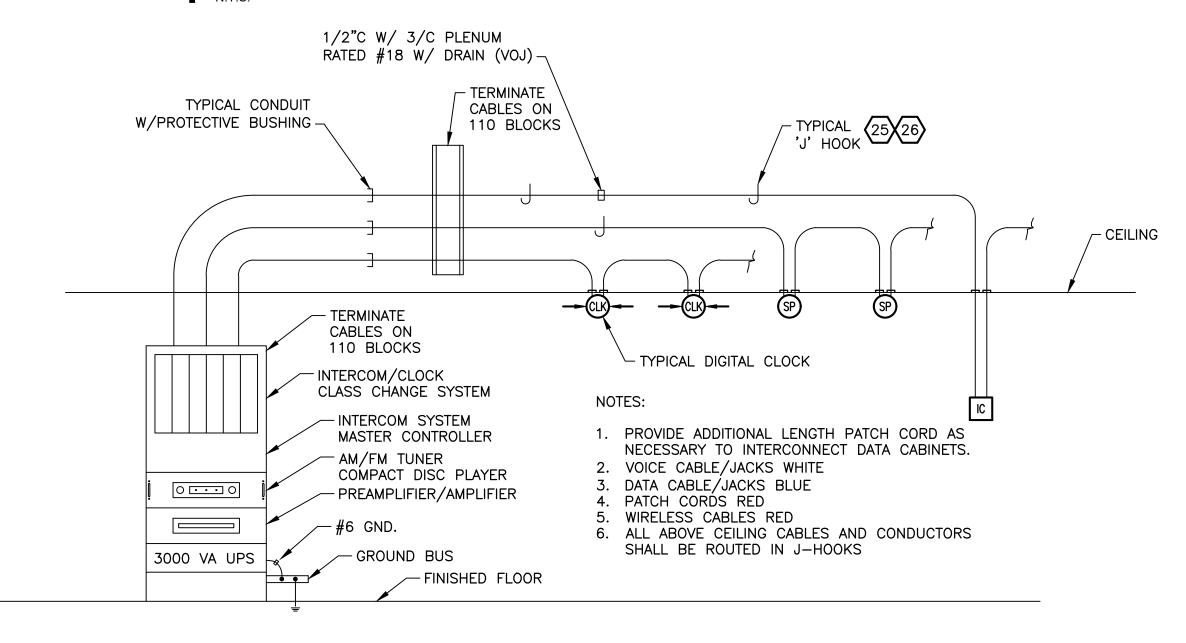
2021-05-13

DA project #

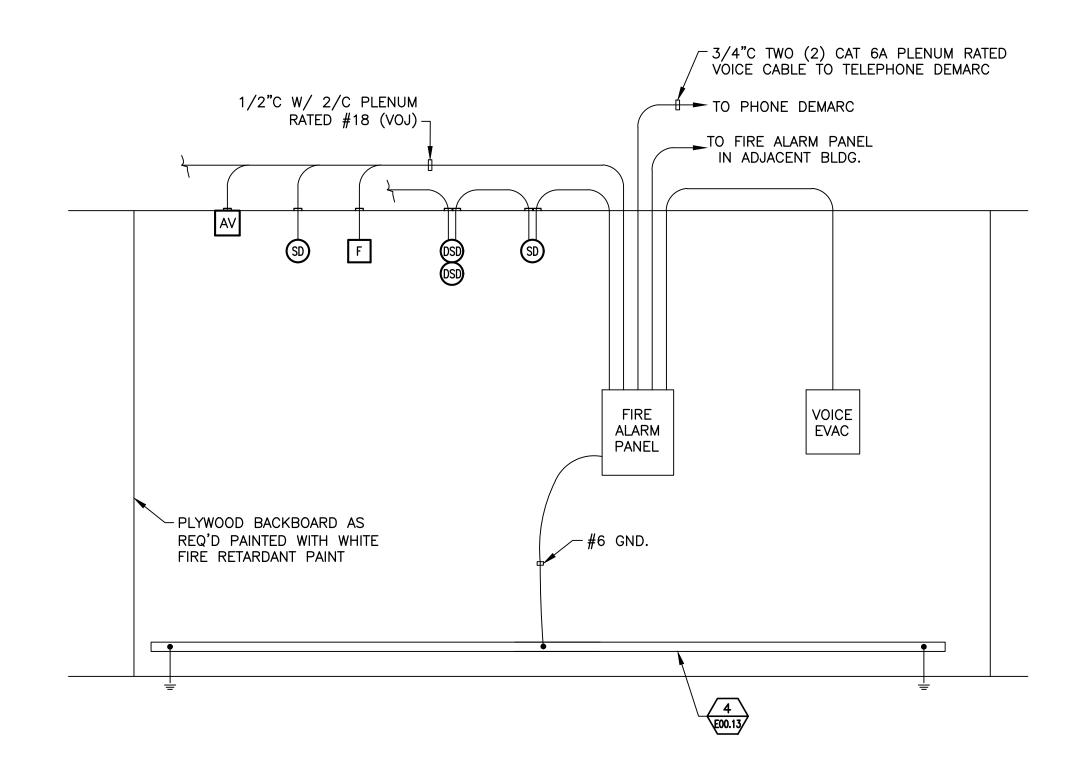
director review



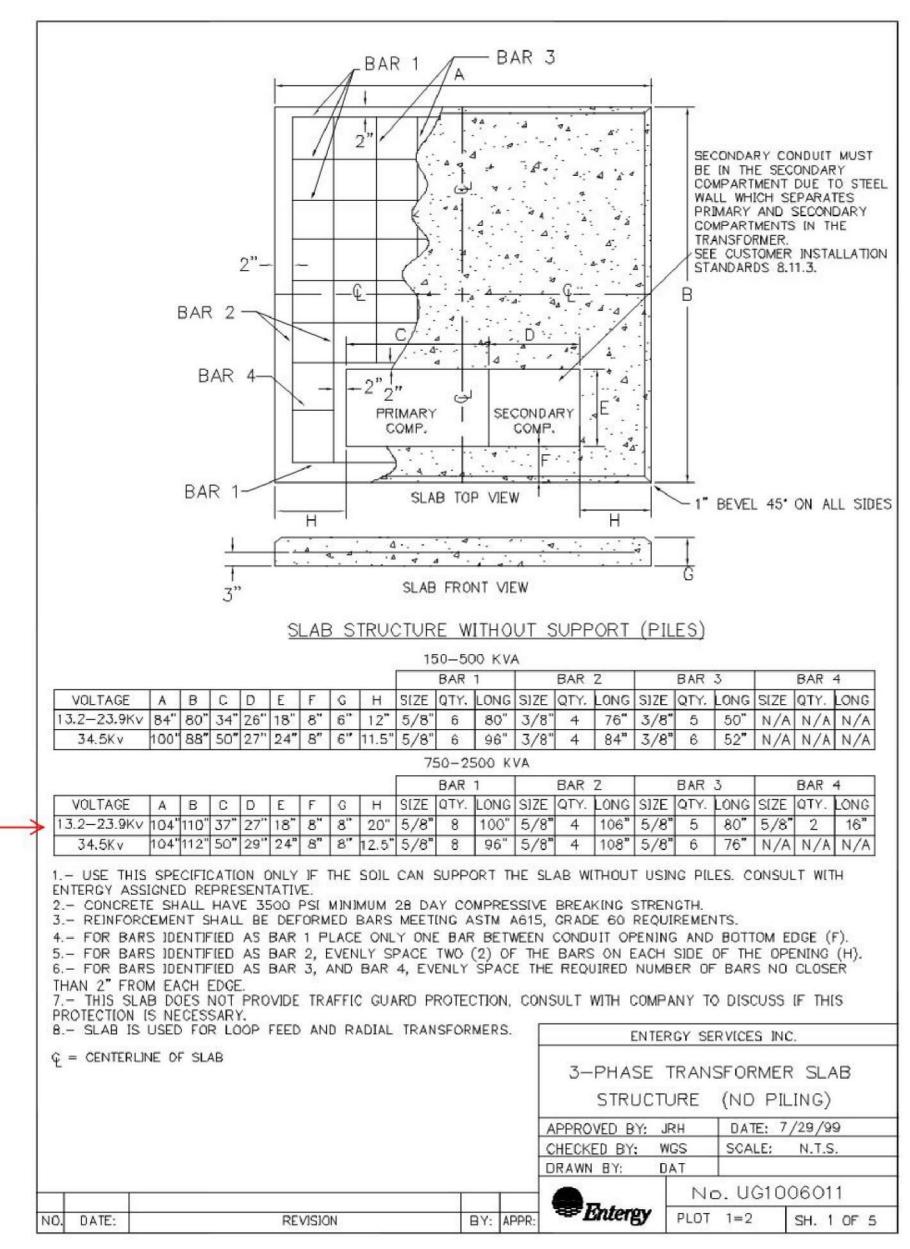
#### 1 TYPICAL SECURITY SYSTEM RISER DIAGRAM



# 2 TYPICAL INTERCOM/CLOCK SYSTEM RISER DIAGRAM



# 3 TYPICAL FIRE ALARM SYSTEM RISER DIAGRAM (44)



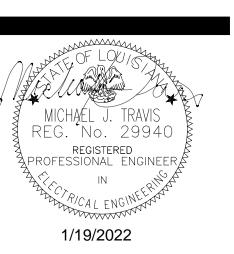
- UNDERGROUND PRIMARY CONDUIT 7.6 KV
- 1. CONDUIT: 2" DIAMETER SCH 40 GRAY ELECTRICAL PVC BELOW GRADE, SCH 80 ABOVE
- 2. TRENCH: 36" TO THE TOP OF PIPE, BACKFILL TRENCH, ENTERGY DOES NOT INSPECT OPEN TRENCH.
- 3. WARNING TAPE: TO BE INSTALLED 18" BELOW GRADE OVER ALL CONDUIT.
- 4. PULL ROPE: TO BE INSTALLED IN ALL CONDUIT, MINIMUM 80 LB TEST, 1/4" DIAMETER OR LARGER. NO NYLON STRING ALLOWED. CREW WILL USE THIS ROPE TO PULL WIRE
- 5. BENDS: ONLY LONG RADIUS 90'S (36" SWEEP) WILL BE ALLOWED. TOTAL OF 3-90° ANGLES TO BE USED, INCLUDING RISERS.
- 6. FROM OVERHEAD SOURCE: INSTALL LONG SWEEP 7" FROM POLE TO ALLOW ENTERGY TO INSTALL STANDOFF BRACKETS. CUSTOMER TO LEAVE 3 -10' JOINTS OF SCH 80 PVC PER PHASE AT POLE, ENTERGY TO INSTALL CONDUIT UP POLE.
- 7. FROM UNDERGROUND SOURCE: CUSTOMER TO BRING CONDUIT TO WITHIN 2'OF EXISTING UNDERGROUND PRIMARY CONDUCTORS, OR EXISTING TRANSFORMER.
- 8. TRANSFORMER SLAB: SINGLE PHASE SLABS WILL BE PROVIDED BY ENTERGY, THREE PHASE SLABS ARE TO BE CONSTRUCTED BY THE CUSTOMER UPON RECEIPT OF SPECIFICATIONS BY ENTERGY REPRESENTATIVE.

4 ENTERGY PROVIDED REQUIREMENTS
N.T.S.



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DA project #

9107 Interline Avenue

Baton Rouge, LA 70809 T (225) 927-9321 F (225) 927-9326 WWW.FORTEANDTABLADA.COM Consulting Engineers / Land Surveyors

2021-05-13 director review

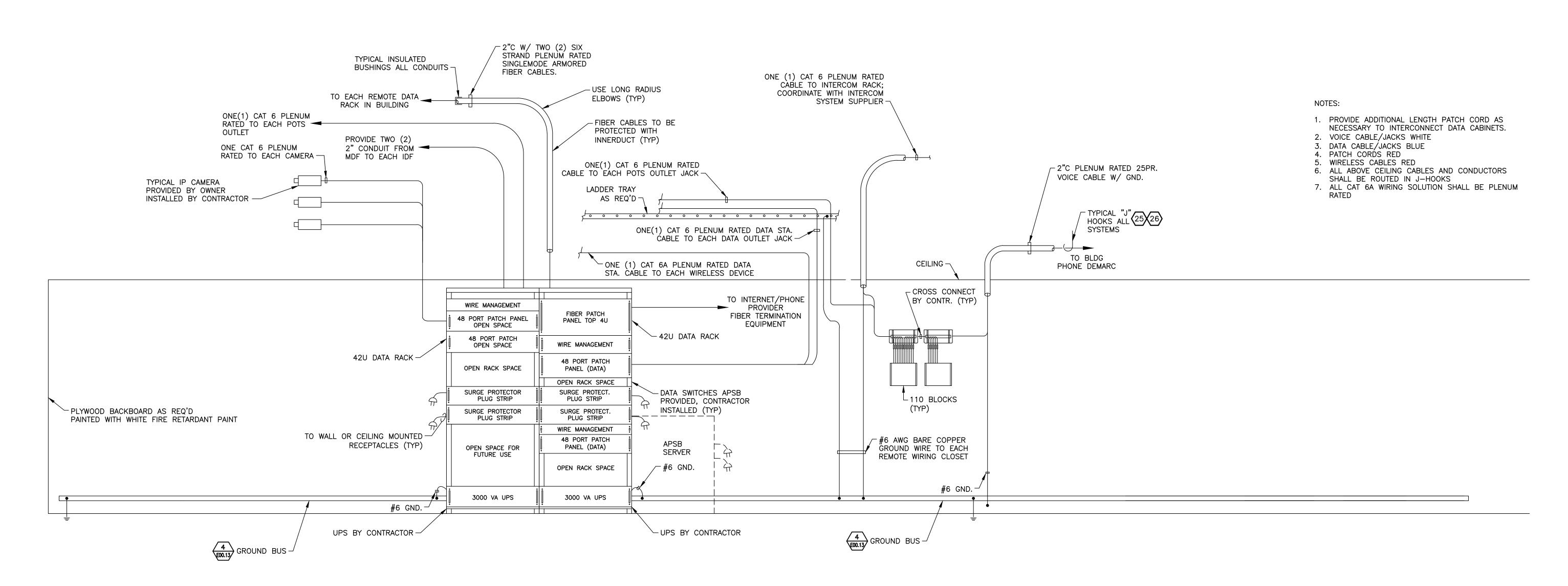
C20-0058

DETAILS, RISER DIAGRAM

ONE (1) CAT. 6 TWO (2) CAT. 6 PLENUM PLENUM RATÉD VOICE RATED VOICE THREE (3) CAT. 6 ONE (1) CAT. 6 PLENUM RATED & ONE (1) CAT. 6 & ONE (1) CAT. 6 TWO (2) CAT. 6 PLENUM RATED PLENUM RATED PLENUM RATED PLENUM RATED /- TYPICAL 25 26 DATA STA. CABLES -DATA STA. CABLE -DATA STA. CABLES – DATA STA. CABLES -DATA STA. CABLES -∠ INSULATED BUSHING (TYP) ————1" MIN (VOJ) <del>1</del> 1" MIN (VOJ) <del>†| −</del> 1" MIN (VOJ) CONDUIT CONDUIT CONDUIT CONDUIT CONDUIT TO CEILING TO CEILING TO CEILING TO CEILING TO CEILING - DATA OUTLET - VOICE/DATA OUTLET - DATA OUTLET - DATA OUTLET - VOICE/DATA OUTLET WITH TWO (2) VOICE JACKS ON TOP WITH ONE(1) VOICE WITH TWO (2) WITH ONE (1) WITH THREE (3) JACK ON TÓP & DATA JACKS DATA JACK ONLY DATA JACKS ONE (1) DATA JACK ON BOTTOM & ONE (1) DATA JACK ON BOTTOM  $\sim$  4" SQUARE J BOX WITH SINGLE GANG PLASTER RING (TYP)

## 2 TYPICAL DATA/PHONE OUTLET CONNECTIONS N.T.S.

### 1 TYPICAL REMOTE DATA ROOM GENERIC RISER DIAGRAM



3 SERVER ROOM TYPICAL GENERIC RISER DIAGRAM N.T.S.



ARCHITECTS
A JOINT VENTURE

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Date PRAIRIEVILLE HIGH SCHOOL PRAIRIEVILE HIGH SCHOOL PACKAGE 1

APSB PROJECT NO: 6420601-101 SEALED BID NO: SB-10875

RHH project # 66-DA project # C20-

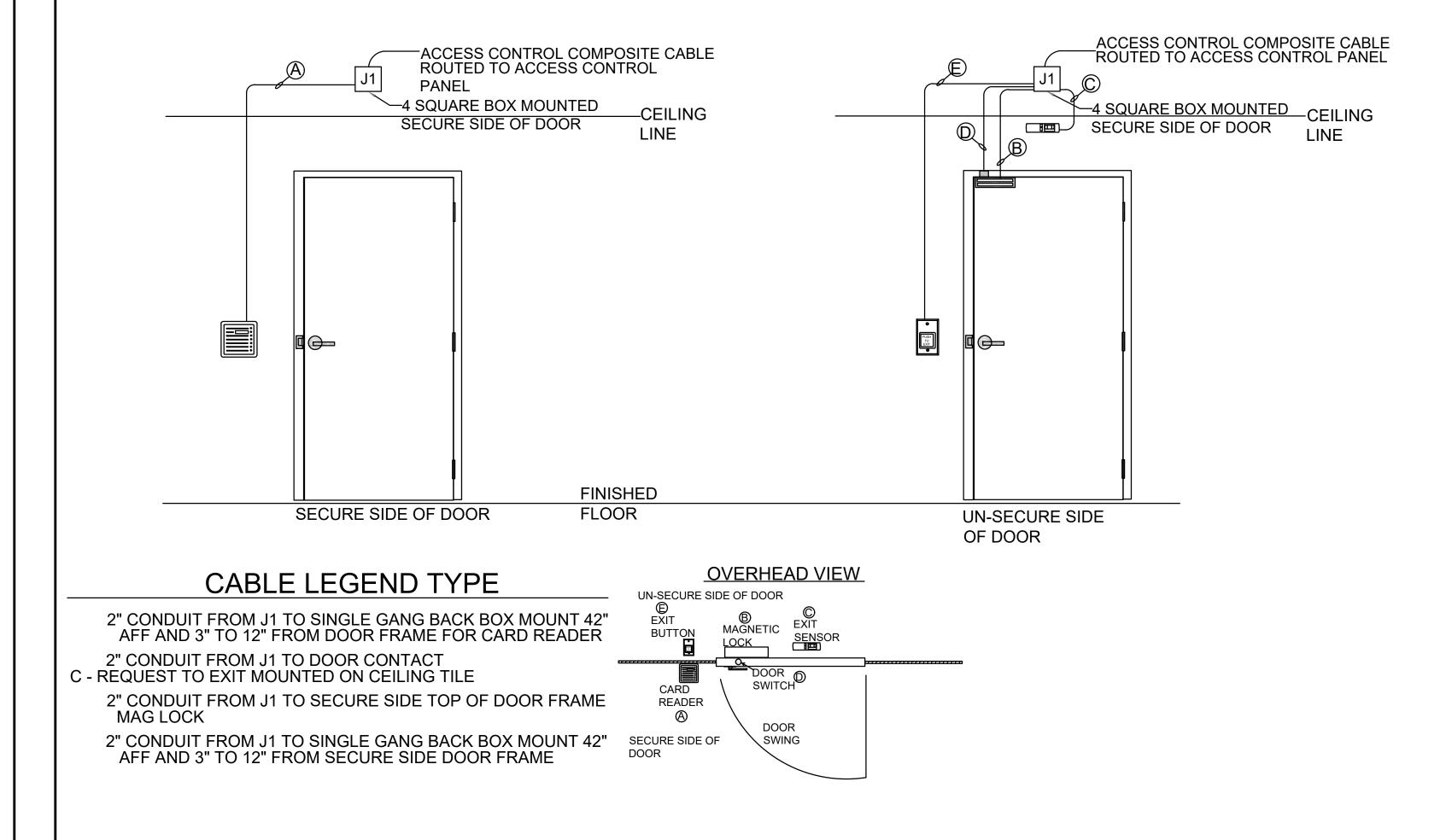
DA project # C20-0058

date 2021-05-13

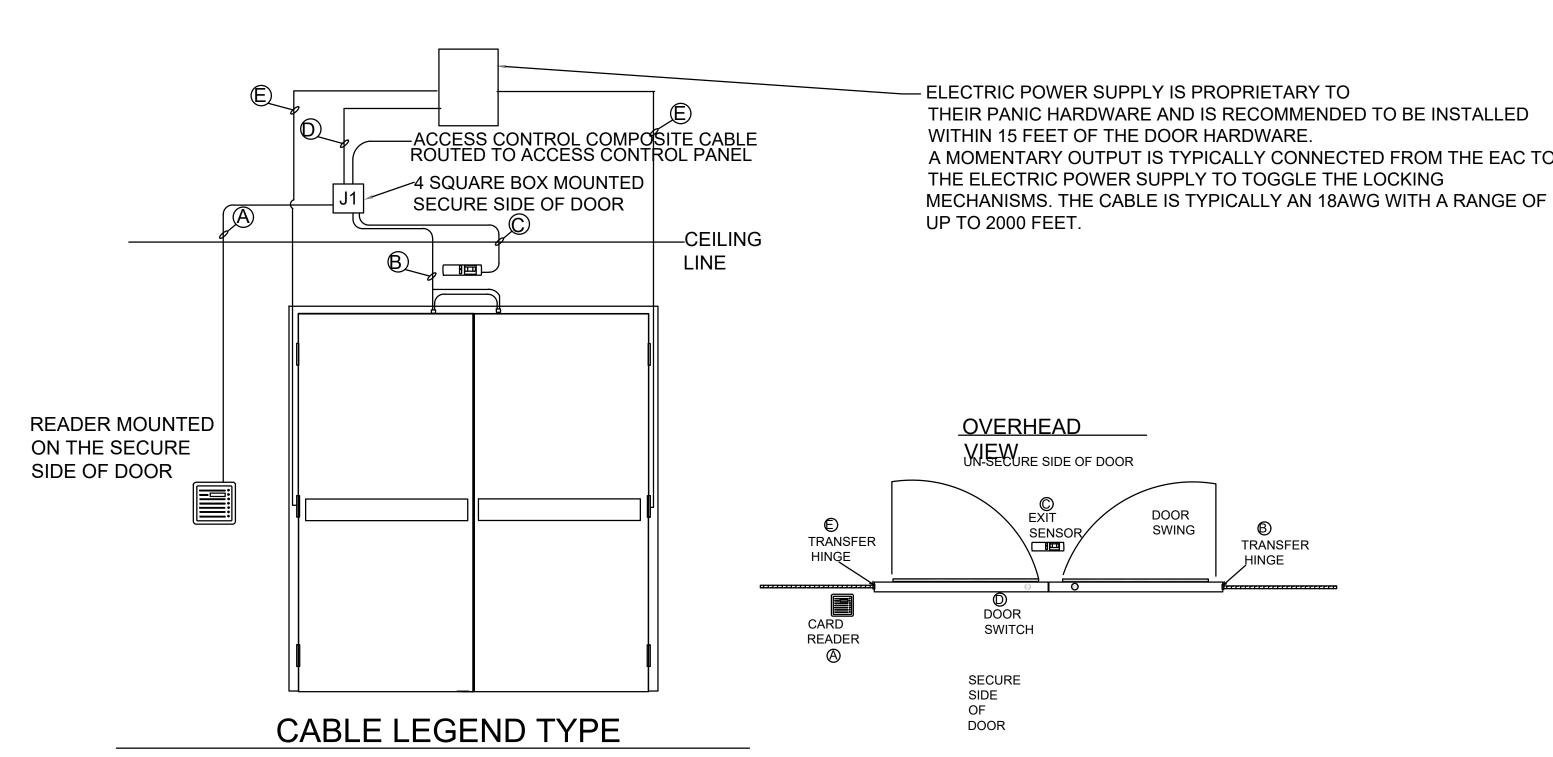
RISER DIAGRAM, CONNECTIONS

E00.16

#### TYPICAL MAGNETIC DOOR LOCK WIRING DIAGRAM



#### TYPICAL ELECTRIFIED PANIC HARDWARE WIRING DIAGRAM

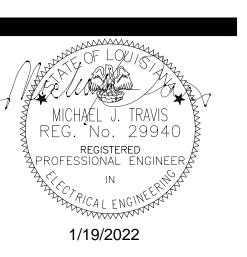


- (A)- 1/2" CONDUIT FROM J1 TO SINGLE GANG BACK BOX MOUNT 42" AFF AND 3" TO 12" FROM DOOR FRAME FOR CARD READER
- ®- 1/2" CONDUIT FROM J1 TO DOOR CONTACT ©- REQUEST TO EXIT MOUNTED ON CEILING TILE
- ©- 1/2" CONDUIT FROM J1 TO SECURE SIDE ELECTRIC POWER SUPPLY FOR DOOR HARDWARE
- E- 1/2" CONDUIT FROM ELECTRIC POWER SUPPLY TO SIDES OF DOOR FRAME

# ARCHITECTS A JOINT VENTUR RHH ARCHITECTS, APAC

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# NIEVILLE HIGH SCHOOL (AGE 1

No. Description Date

RHH project # 66-17-20

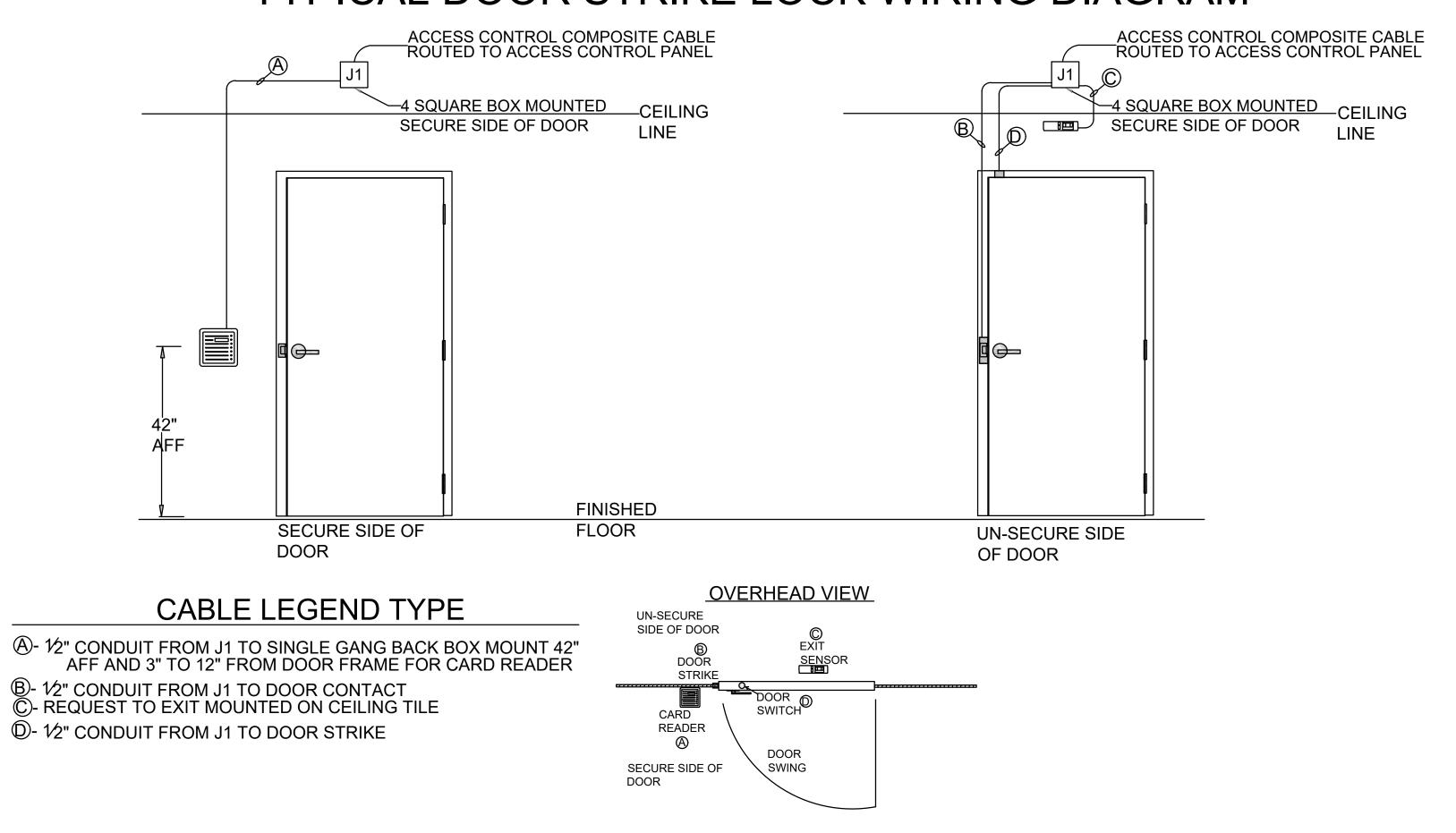
DA project # C20-0058

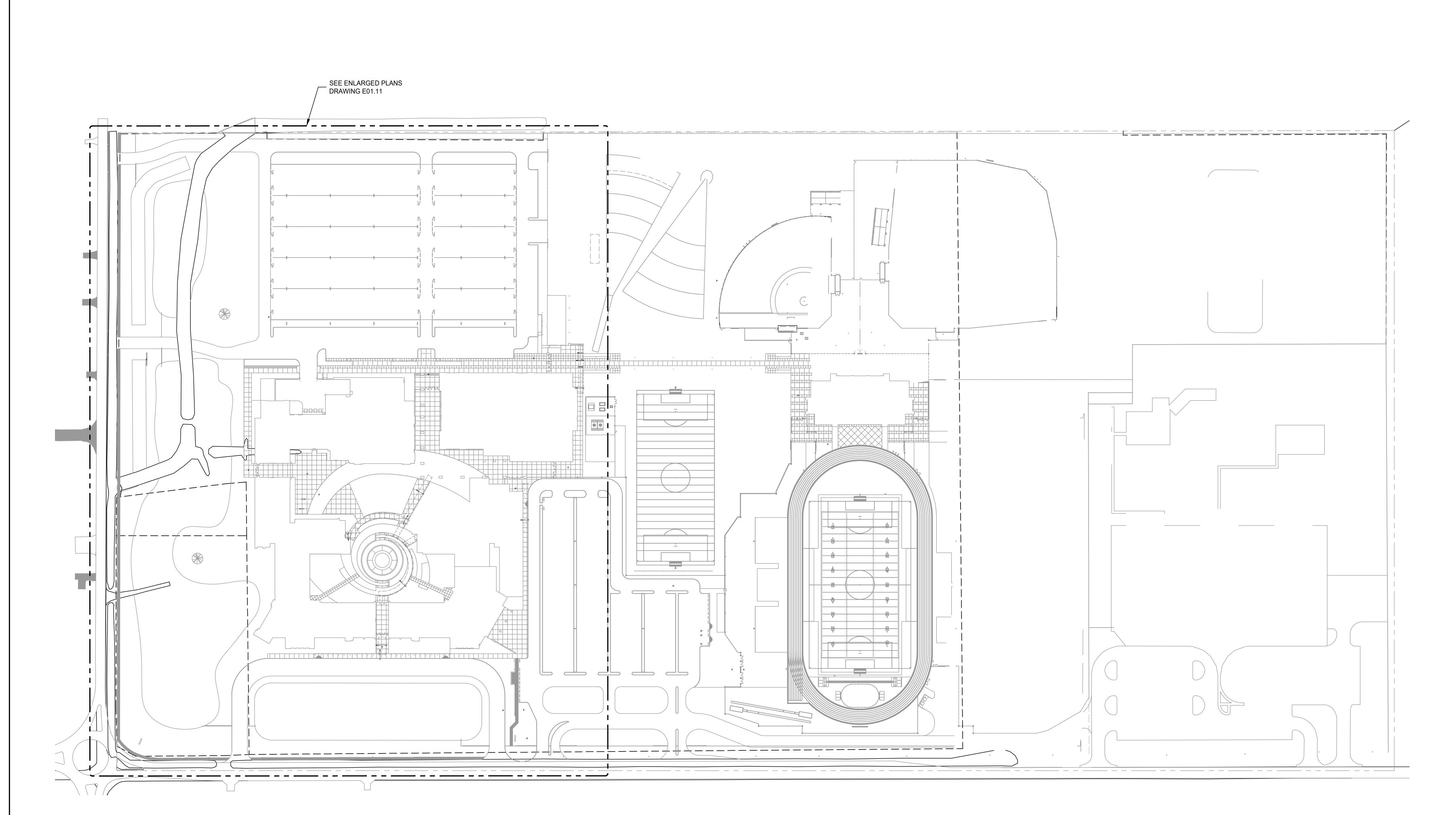
date 2021-05-13

DOOR DETAILS

FOO 17

#### TYPICAL DOOR STRIKE LOCK WIRING DIAGRAM



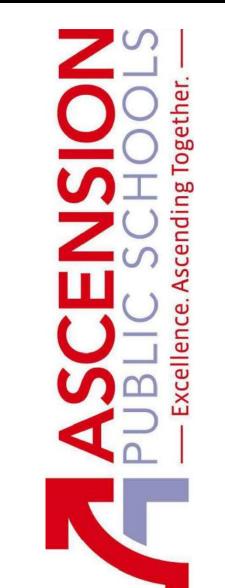




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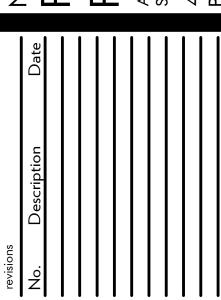


NEW CONSTRUCTION OF

PRAIRIEVILLE HIGH SCHOC

PACKAGE 1

APSB PROJECT NO: 6420601-101

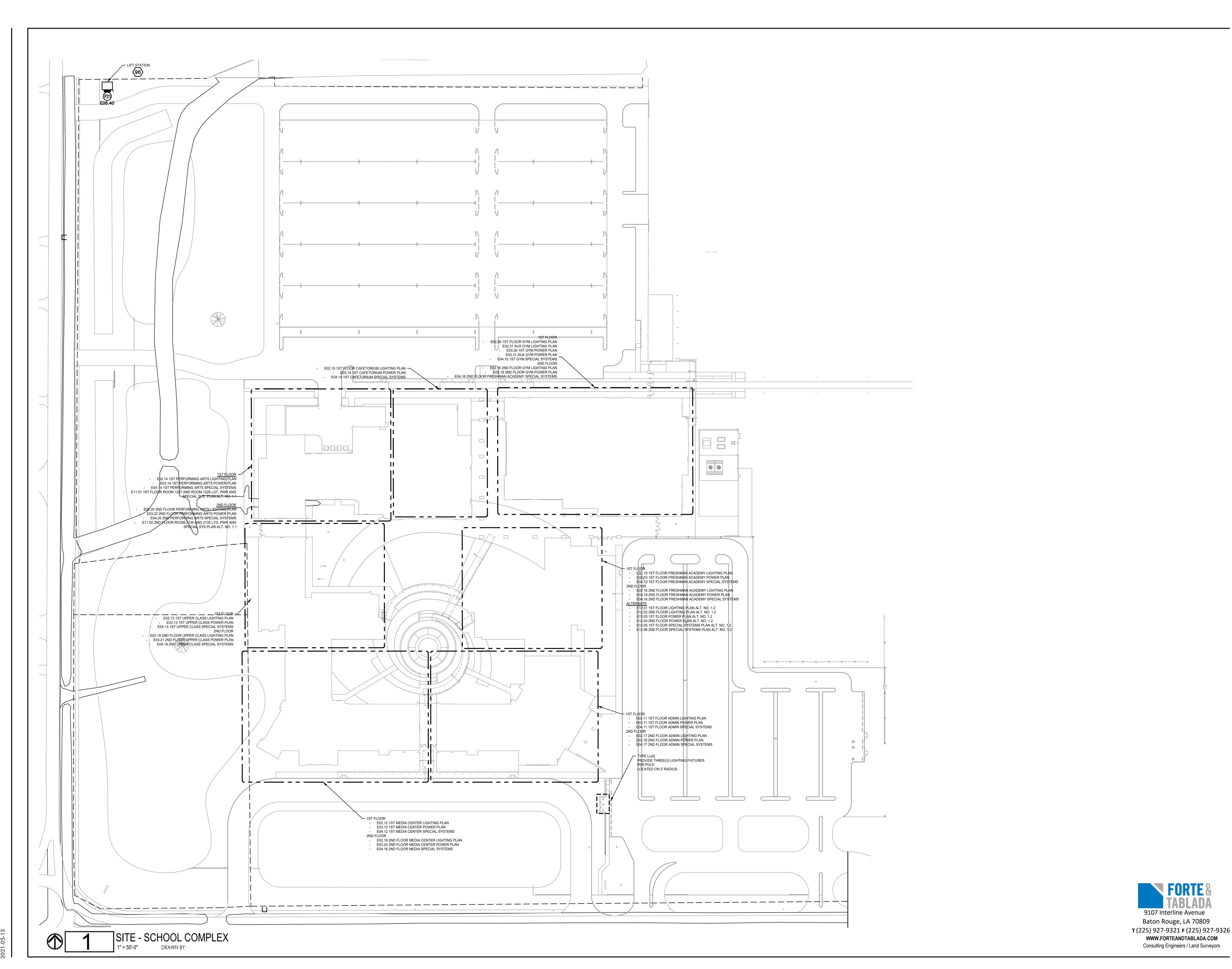


HH project # 66-17-20
OA project # C20-0058

date 2021-05-13

OVERALL SITE PLAN

E01.10





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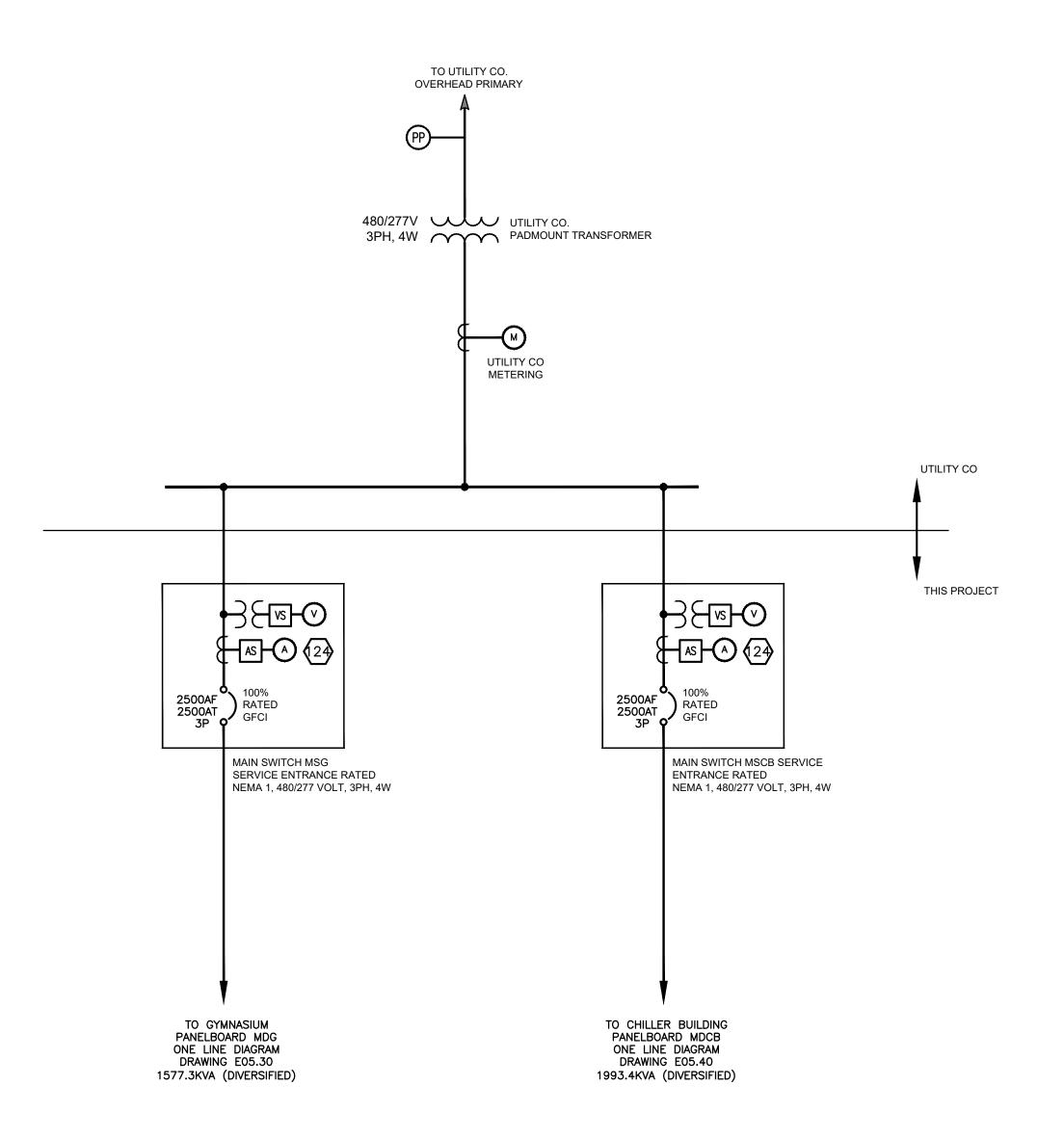


RHH project #

2021-05-13 director review

SITE SCHOOL COMPLEX

C20-0058



1 OVERALL ONE LINE DIAGRAM

N.T.S.



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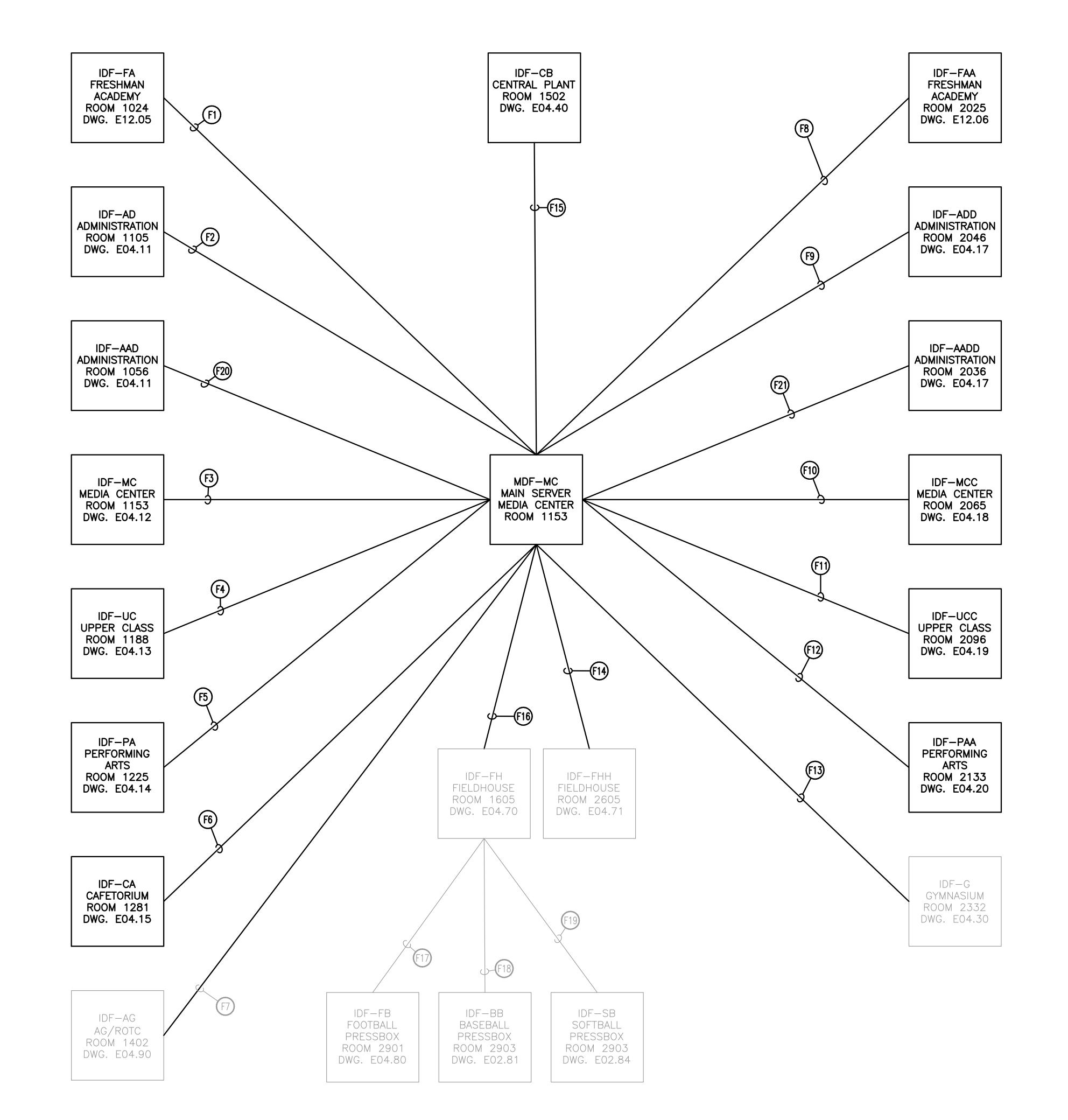
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2021-05-13

OVERALL ONE-LINE

# 1 COMMUNICATION FIBER OPTIC SYSTEM TRUNK DIAGRAM N.T.S.



		CONDUIT AND	WIRE SCHEDULE COMMUNIC	CATION SYSTEM ONLY
	NO.	FROM	ТО	CONDUIT & WIRE
	F1	MAIN SERVER MDF	IDF-FA FRESHMAN ACADEMY	1 1/2"C W/1 12 FIBER SINGLEMODE OPTIC CAR
	F2	MAIN SERVER MDF	IDF-AD ADMINISTRATION	1 1/2"C W/1 12 FIBER SINGLEMODE OPTIC CAR
	F3	MAIN SERVER MDF	IDF-MC MEDIA CENTER	1 1/2"C W/1 12 FIBER SINGLEMODE OPTIC CAR
	F4	MAIN SERVER MDF	IDF-UC UPPER CLASS	1 1/2"C W/1 12 FIBER SINGLEMODE OPTIC CAR
	F5	MAIN SERVER MDF	IDF-PA PERFORMING ARTS	1 1/2"C W/1 12 FIBER SINGLEMODE OPTIC CAR
	F6	MAIN SERVER MDF	IDF-CA CAFETORIUM	1 1/2"C W/1 12 FIBER SINGLEMODE OPTIC CAR
<u>{</u>	F7	MAIN SERVER MDF	IDF-AG AG/ROTC	1 1/2"C W/1 12 FIBER SINGLEMODE OPTIC CAE
$\langle [$	F8	MAIN SERVER MDF	IDF-FAA FRESHMAN ACADEMY	1 1/2"C W/1 12 FIBER SINGLEMODE OPTIC CAE
	<b>F</b> 9	MAIN SERVER MDF	IDF-ADD ADMINISTRATION	1 1/2"C W/1 12 FIBER SINGLEMODE OPTIC CAE
	F10	MAIN SERVER MDF	IDF MEDIA CENTER	1 1/2"C W/1 12 FIBER SINGLEMODE OPTIC CAE
	F11	MAIN SERVER MDF	IDF-UCC UPPER CLASS	1 1/2"C W/1 12 FIBER SINGLEMODE OPTIC CAE
	F12	MAIN SERVER MDF	IDF-PAA PERFORMING ARTS	1 1/2"C W/1 12 FIBER SINGLEMODE OPTIC CAR
	F13	MAIN SERVER MDF	IDF-G GYMNASIUM	1 1/2"C W/1 12 FIBER SINGLEMODE OPTIC CAR
{[	F14)	MAIN SERVER MDF	IDF-FHH FIELDHOUSE	1 1/2"C W/1 24 FIBER SINGLEMODE OPTIC CAE
	F15	MAIN SERVER MDF	IDF-CB CENTRAL PLANT	1 1/2"C W/1 12 FIBER SINGLEMODE OPTIC CAR
<u>{</u>	F16	MAIN SERVER MDF	IDF-FH FIELDHOUSE	1 1/2"C W/1 12 FIBER SINGLEMODE OPTIC CAR
	<b>F</b> 17	IDF-FH FIELDHOUSE	IDF-FB FOOTBALL PRESSBOX	1 1/2"C W/1 6 FIBER SINGLEMODE OPTIC CABL
	F18	IDF-FH FIELDHOUSE	IDF-BB BASEBALL PRESSBOX	1 1/2"C W/1 6 FIBER SINGLEMODE OPTIC CABL
	F19	IDF-FH FIELDHOUSE	IDF-SB SOFTBALL PRESSBOX	1 1/2"C W/1 6 FIBER SINGLEMODE OPTIC CABL
	F20	MAIN SERVER MDF	IDF—AAD ADMINISTRATION	1 1/2"C W/1 12 FIBER SINGLEMODE OPTIC CAR
	(F21)	MAIN SERVER MDF	IDF-AADD ADMINISTRATION	1 1/2"C W/1 12 FIBER SINGLEMODE OPTIC CAR

\* ONLY STUBOUT CONDUIT WITH 1 #12 PULL WIRE EACH FOR BASE BID.

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COMMUNICATION SYSTEM ONE LINE





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RHH project # DA project # 2022-01-19

director review

1ST FLOOR ADMINISTRATION LIGHTING PLAN

WORK THIS DWG WITH CONSTRUCTION NOTES

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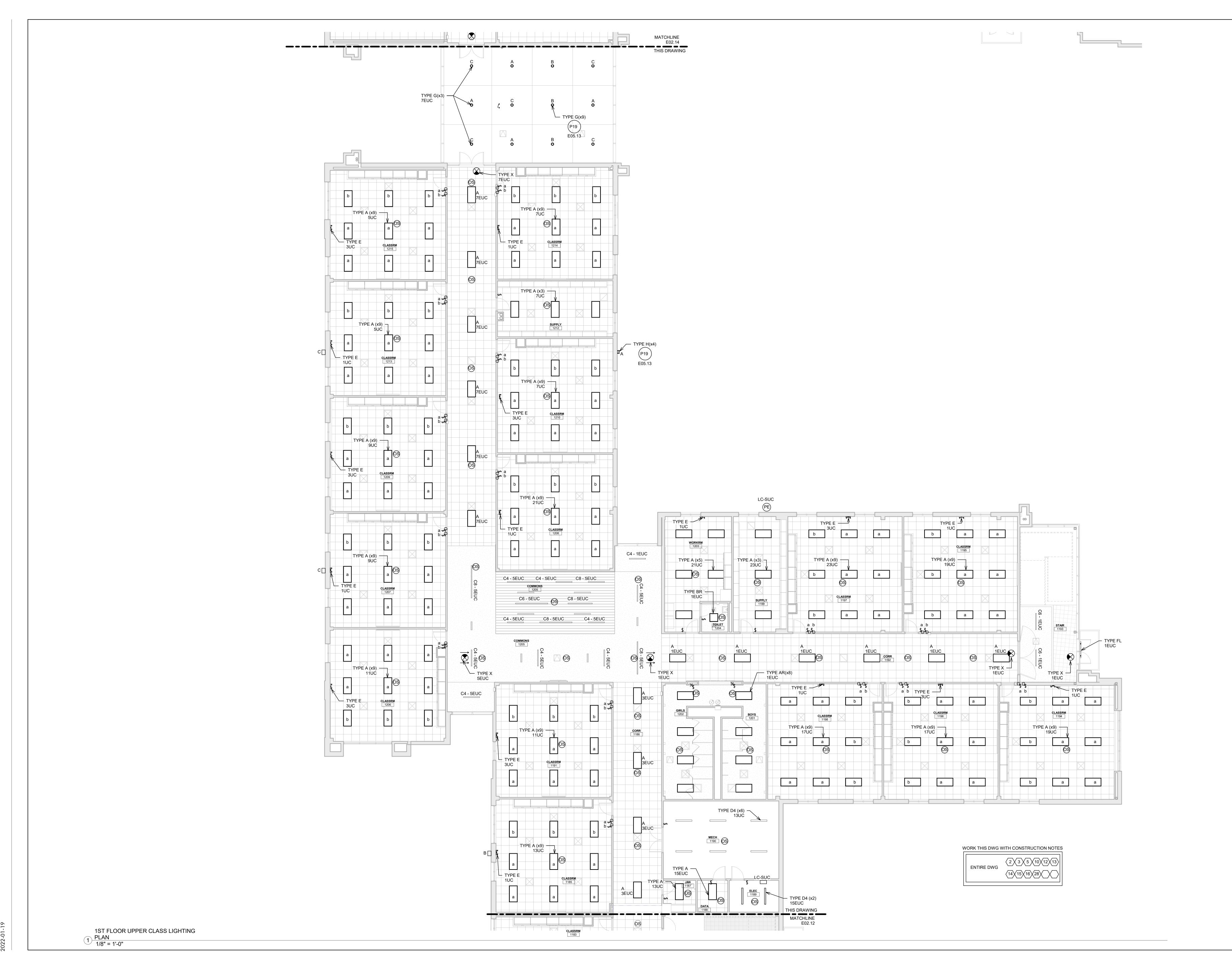
RHH project #

DA project # 2022-01-19

1ST FLOOR MEDIA CENTER LIGHTING PLAN

1ST FLOOR MEDIA CENTER LIGHTING

1 PLAN 1/8" = 1'-0"

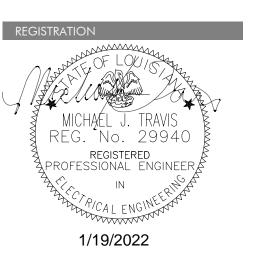




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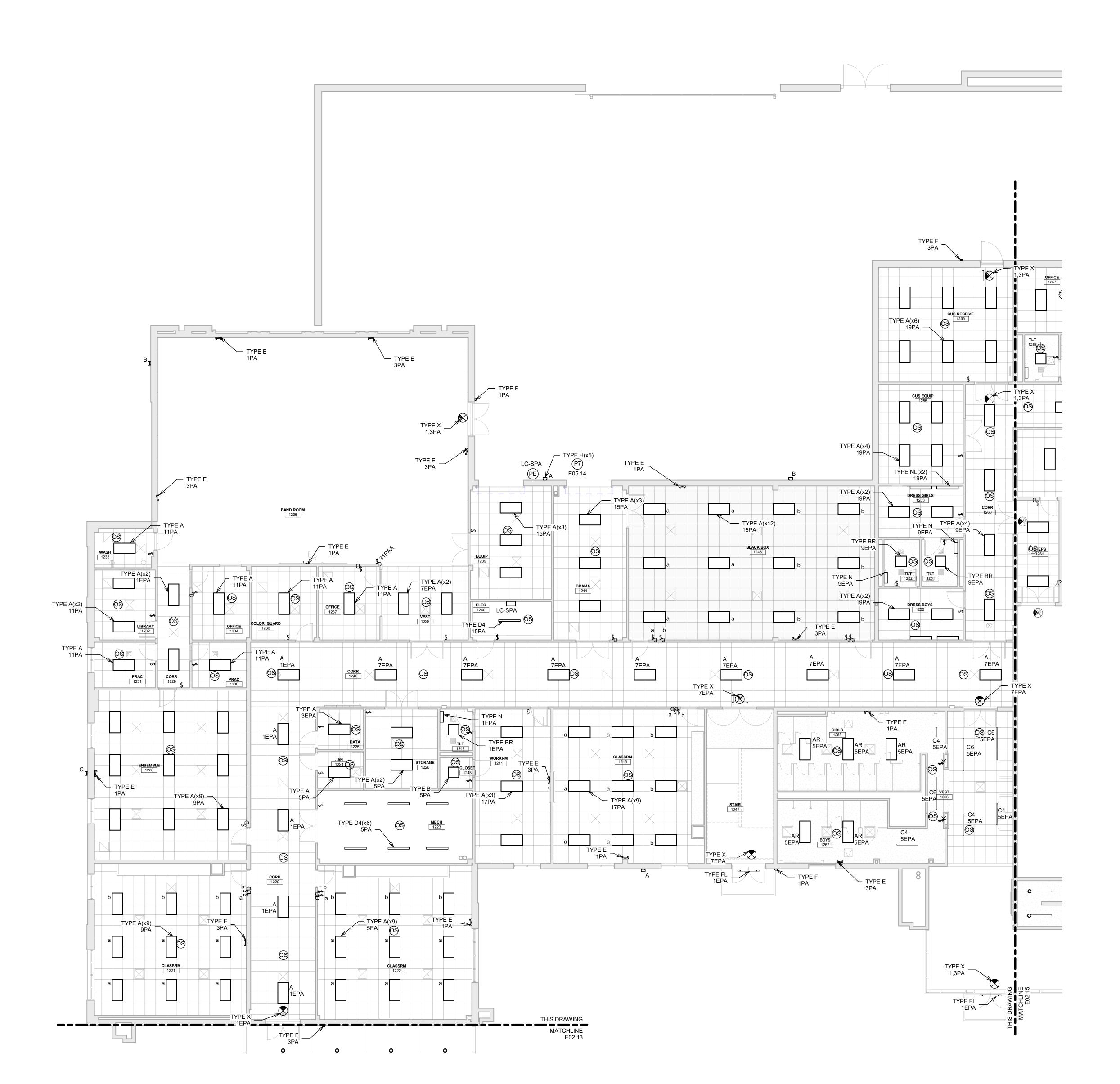


RHH project # DA project #

2022-01-19

director review

**1ST FLOOR UPPER** CLASS LIGHTING PLAN



WORK THIS DWG WITH CONSTRUCTION NOTES

 $\langle 2 \rangle \langle 3 \rangle \langle 5 \rangle \langle 10 \rangle \langle 12 \rangle \langle 13 \rangle$ ENTIRE DWG

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RHH project # DA project # 2022-01-19

director review

1ST FLOOR PERFORMING ARTS LIGHTING PLAN



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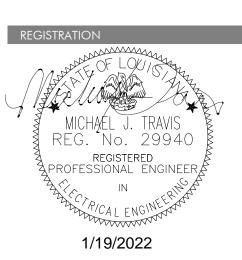
WORK THIS DWG WITH CONSTRUCTION NOTES

1ST FLOOR CAFETORIUM LIGHTING PLAN

1ST FLOOR CAFEROTIUM LIGHTING
PLAN
1/8" = 1'-0"



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RHH project #

DA project # 2022-01-19

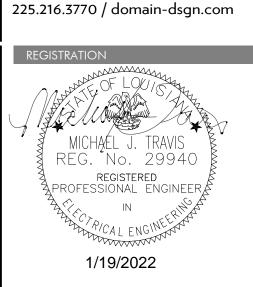
director review

2ND FLOOR ADMIN LIGHTING PLAN



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RHH project #

DA project # 2022-01-19

director review

2ND FLOOR MEDIA CENTER LIGHTING PLAN



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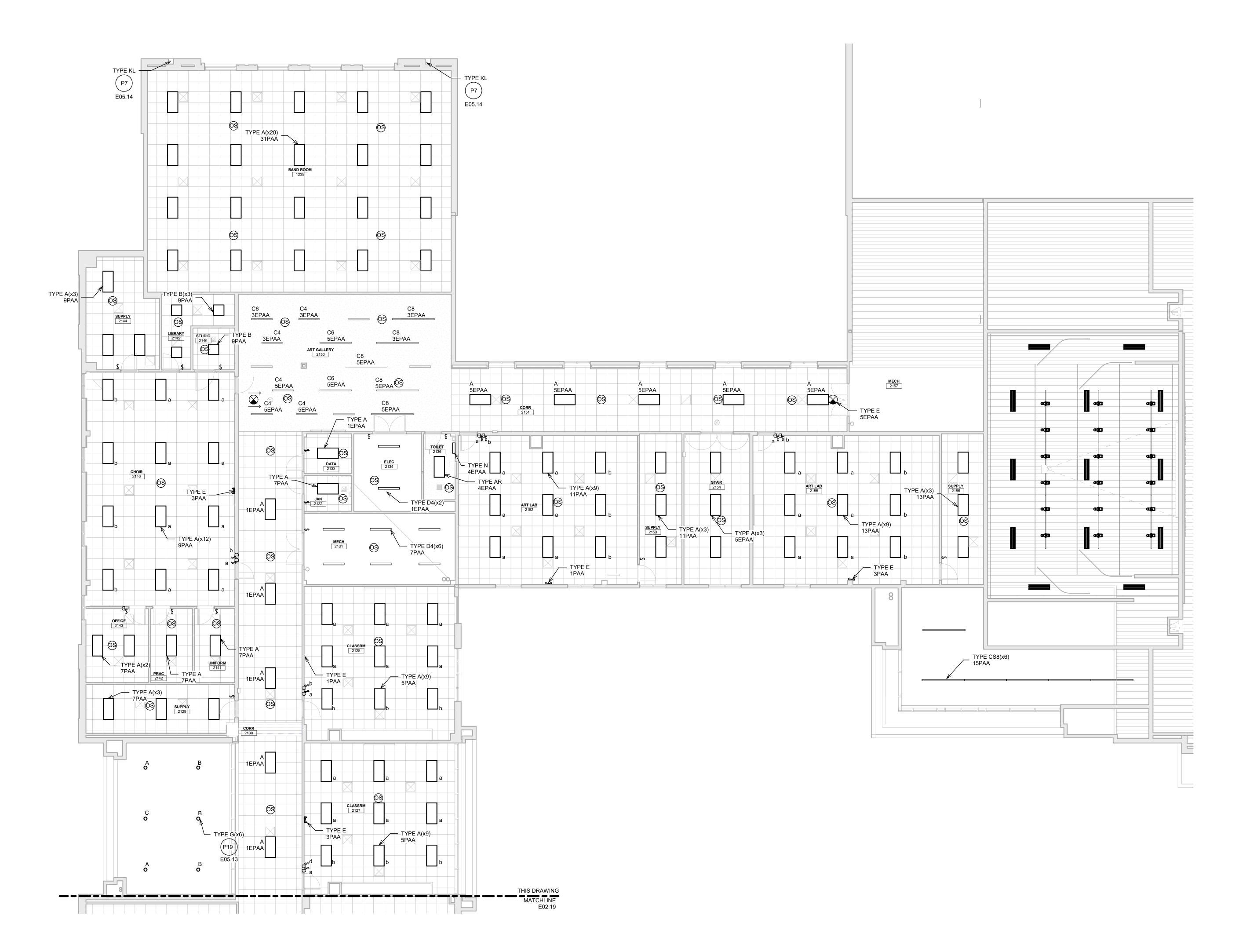
director review

WORK THIS DWG WITH CONSTRUCTION NOTES

 $\langle 2 \rangle \langle 3 \rangle \langle 5 \rangle \langle 10 \rangle \langle 12 \rangle \langle 13 \rangle$ 

(14)(15)(16)(28)()

2ND FLOOR UPPER CLASS LIGHTING PLAN



2ND FLOOR PERFORMING ARTS

LIGHTING PLAN

1/8" = 1'-0"

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RHH project # DA project # 2022-01-19

director review

2ND FLOOR PERFORMING ARTS LIGHTING PLAN

8 10 RHH project #
DA project #

date 2022-01-19

director review

1ST FLOOR

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8316 kelwood avenue

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ADMINISTRATION POWER PLAN

E03.11

1ST FLOOR ADMINISTRATION POWER PLAN

WORK THIS DWG WITH CONSTRUCTION NOTES

director review 1ST FLOOR MEDIA CENTER POWER PLAN

RHH project # DA project #

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DOMAIN ARCHITECTURE

baton rouge, la 70802

8316 kelwood avenue baton rouge, la 70806

2022-01-19

1ST FLOOR MEDIA CENTER POWER
PLAN
1/8" = 1'-0"



DOMAIN ARCHITECTURE

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RHH project # DA project # 2022-01-19

director review

WORK THIS DWG WITH CONSTRUCTION NOTES

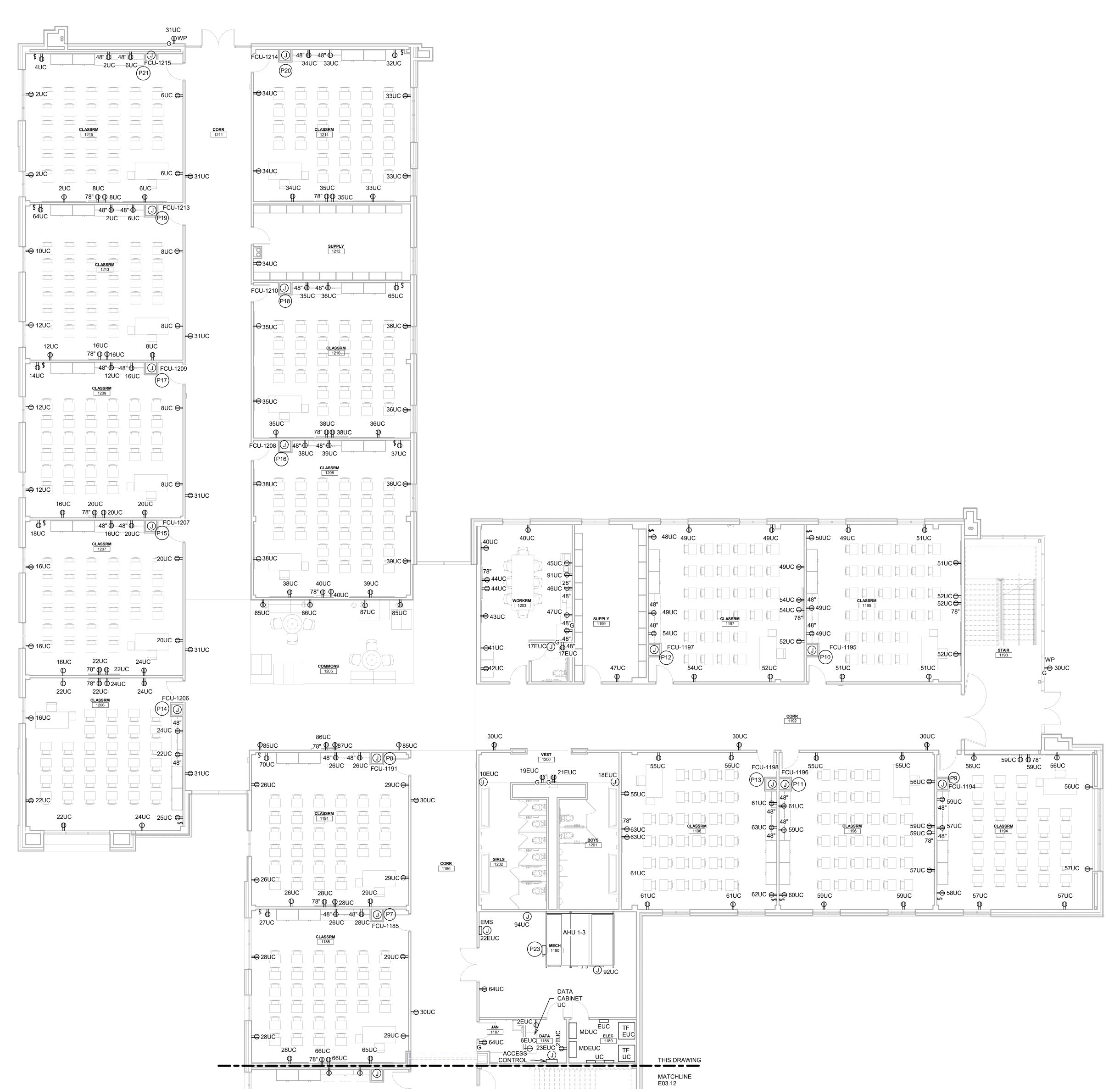
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ENTIRE DWG

 $\left\langle 1\right\rangle \left\langle 2\right\rangle \left\langle 3\right\rangle \left\langle 6\right\rangle \left\langle 8\right\rangle \left\langle 10\right\rangle$ 

(11)(12)(16)(30)(31)(39)

1ST FLOOR UPPER CLASS POWER PLAN



MATCHLINE E03.13



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DA project # 2022-01-19

director review

WORK THIS DWG WITH CONSTRUCTION NOTES

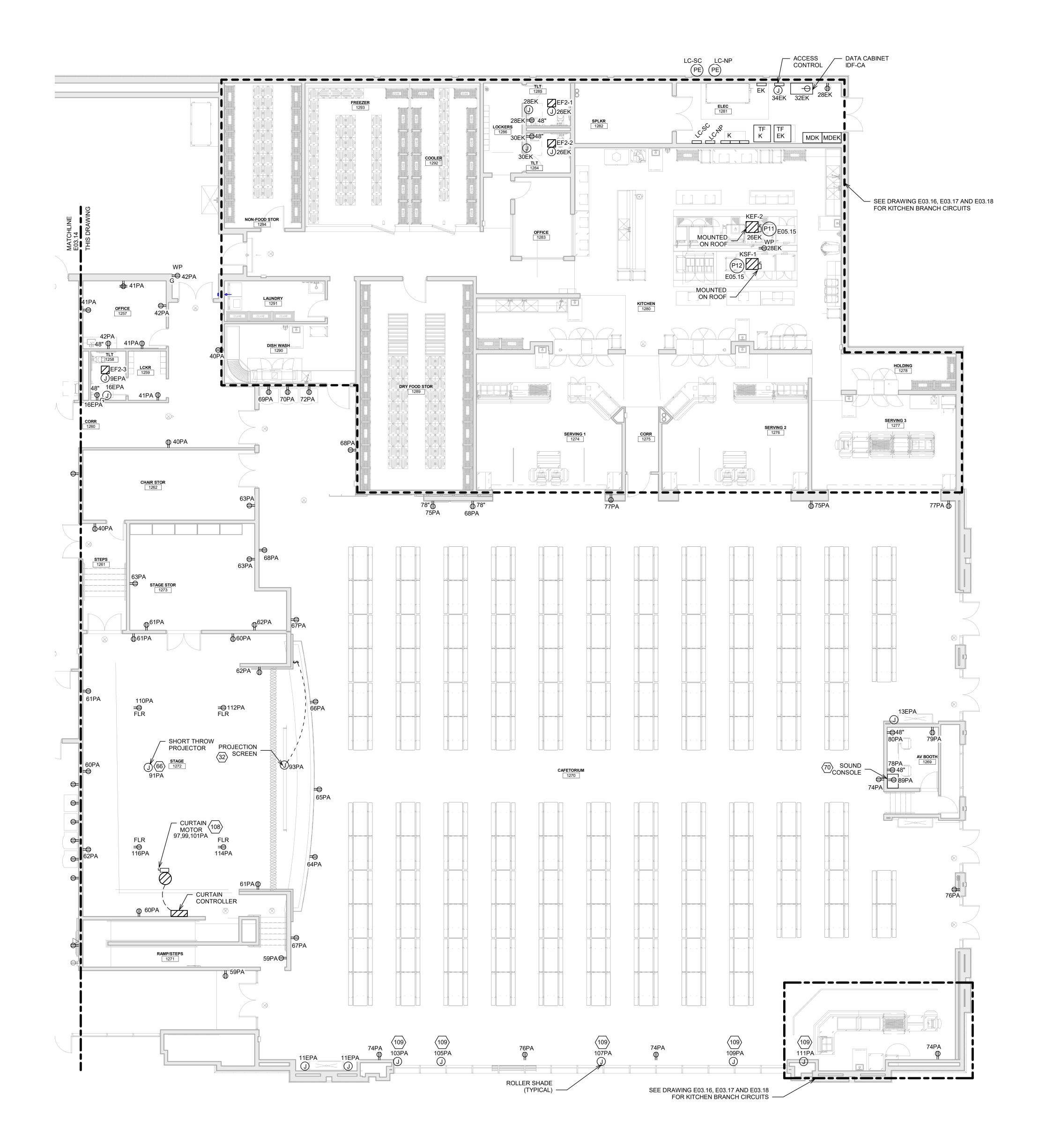
1 2 3 6 8 10

1ST FLOOR PERFORMING ARTS POWER PLAN

1ST FLOOR PERFORMING ARTS POWER

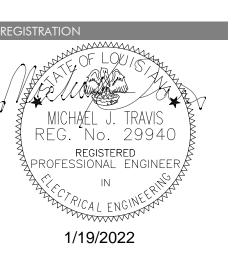
1 PLAN

1/8" = 1'-0"





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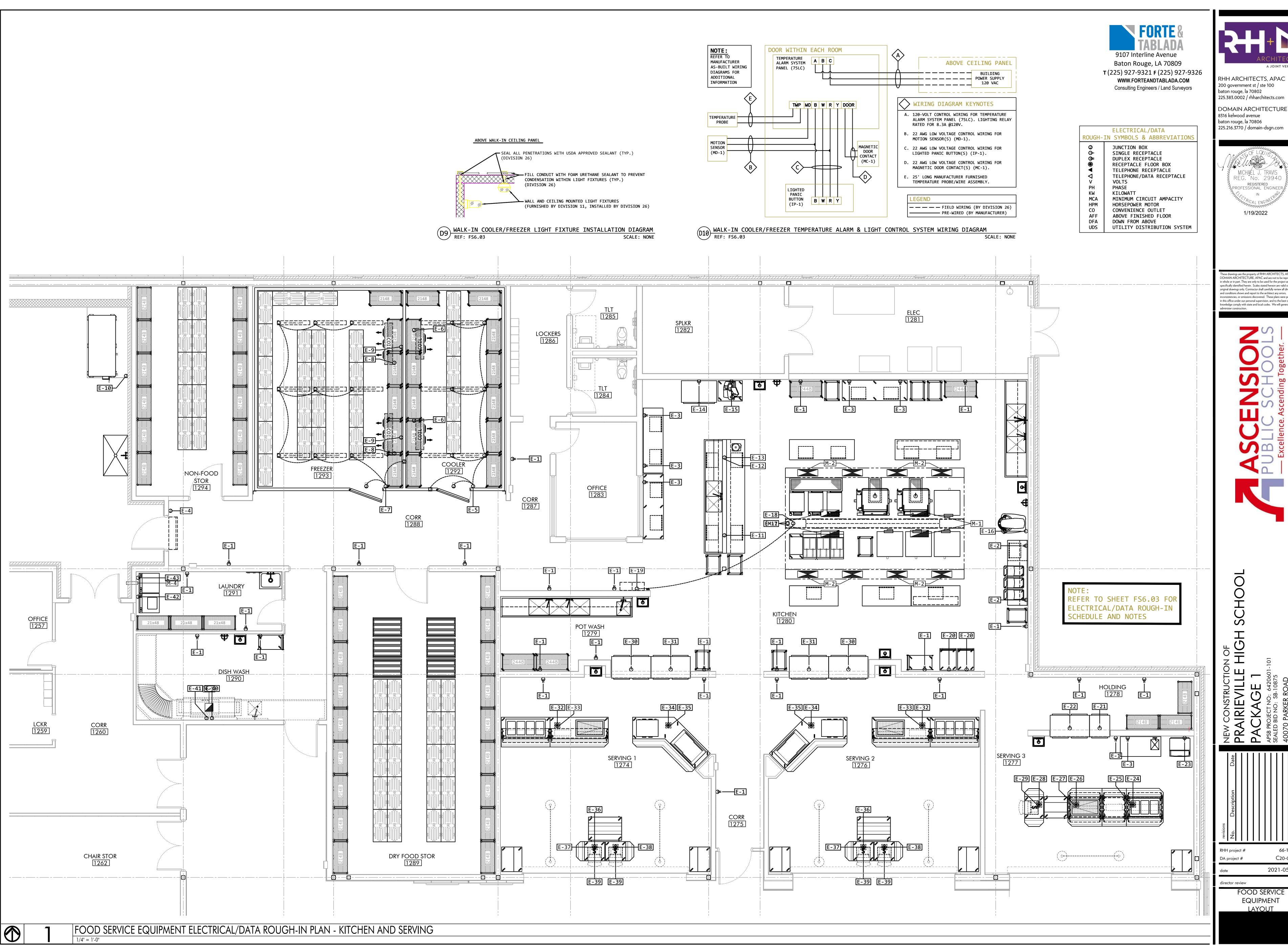
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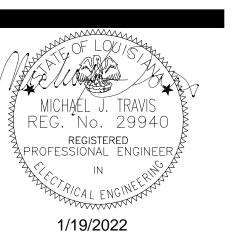
(11)(12)(16)(30)(31)(39)

1ST FLOOR CAFETORIUM POWER PLAN



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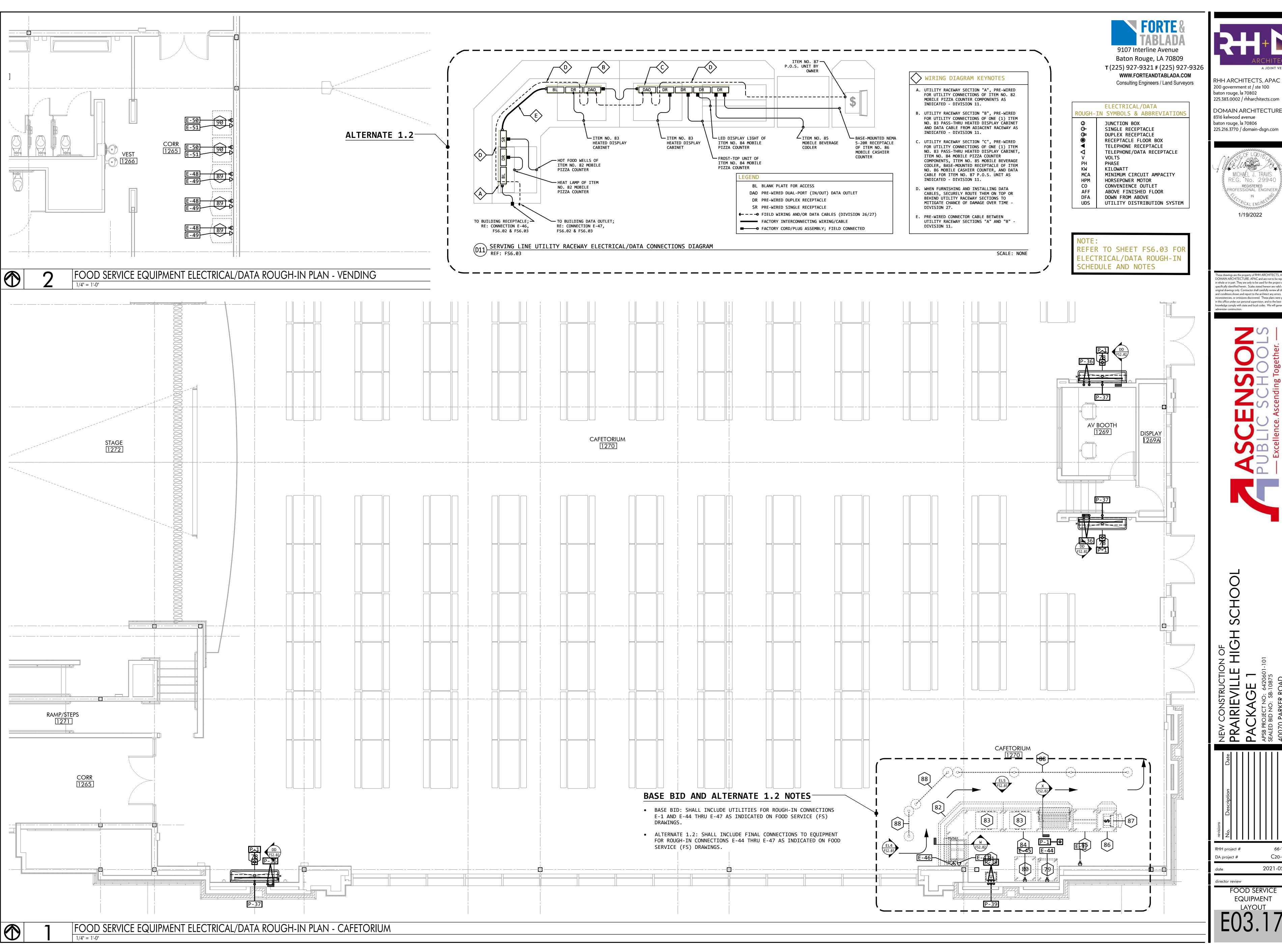
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2021-05-13

FOOD SERVICE **EQUIPMENT** LAYOUT



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RHH project # C20-0058 DA project #

2021-05-13

director review FOOD SERVICE **EQUIPMENT** 

ELECTRICAL/DATA

ROUGH-IN SYMBOLS & ABBREVIATIONS

SINGLE RECEPTACLE

DUPLEX RECEPTACLE

HORSEPOWER MOTOR

CONVENIENCE OUTLET

ABOVE FINISHED FLOOR DOWN FROM ABOVE

RECEPTACLE FLOOR BOX TELEPHONE RECEPTACLE

TELEPHONE/DATA RECEPTACLE

MINIMUM CIRCUIT AMPACITY

UTILITY DISTRIBUTION SYSTEM

1K THRU 28K

31K THRU 36K

8-13

8-13

23-29

17EK

54K

58,60K; 62,64K

19EK, 21EB0

59,61K; **63**,665K

66K, 68K, 3789K

71K THRU 7349K

P4 (E05.15)

81K

35

35

30,35

31-34

35

35

23EK 31-34,35

56PA, 57|PA\$5 58PA

85,87,89K 35

54PA, 55PA

67K, 69K

29K, 30K

37K

8-13

23-27

JUNCTION BOX

VOLTS PHASE

KW

OOD SERVICE EO**UFDRYDENSERE/LIEGETREDCL/XI**PM**REOUTGHELENCTDRATCAALS/CHAHDAURD**UGH-IN DATA SCHEDU

4.9A LIZEANS DEALGEOR LIGHST-SGA DICCORN/EDRAMEEONE ALTIGENIT ST.ENDOCORRA TRURRAMEA HABBANT ESRYS THEMMP EARNADT UNREA TABLDARM SYSTEM. AND HEEATED

5.6A [1.269\7] DFA[6FOR LIGH5T.S7,ADDDDD9N/HDRFAMHEFOHREALTHERH,TST,EMDRDEDRFATHURREMHEALHABRAMTESRY,STHEHM,PERRADTUHREATABLDARM SYSTEM, AND BENATED

| 60A 2|08EV-136-PH|7CIRCUI**|**1 6(0448-2208MCAS)-P3+6 'CIARBOOL/JETO(OA-8CREETMECAS)LABB6 'FOARBONLEEMOOTOEN OR<del>REET</del>IREIOSELRABTIROONR R|EMOTE REFRIG**ERLAST, ILO**ZN, 1.4|EK

TWO (12)E-21/21A 1/21/25V CIRICUTUNOS (62') APPOPA FICOPO VIWOZIR(C2U)ITNSENBA' 5A-F2PO PFOODONINHEN I (EXN)CENERNBACESP-T2490PLESSON VENIIENCE RECEPTIA GIBNES, 40 KI

| 8.2A | 1.2EG/1490 | 1.49FF FO| 1.82,-28ECTIZIBON 9F8E'A CAFF-FINFOFFE F2R-ISSEECTRATION REANGEMAINS-P2EGFRINGECREAPTION CLE NEMA 5 - 20 R REQUIRED 13 EK

| 10A 2|08EV-137-PH|351" AFF|150BPA 6122-40QU247851V MSI—XPEHR C-IRNOEUNIAT L(125—WZIDKRE-SRENCEURRICAUNDE) ROEFQAUJEROEFO UTILITY D|ISSTRIBUTION |SYAST,ENDS,47|K 17-22

| 80A 1|20E/-21088V | 33-2PH CINÇOLOTAT 1(249-WICRIERSCULTIGE(OLJANDH)R DEFERVEDOFE)UTEDORITEX HDATUSTIR/1988UPPILON FSANSTOEDINTRO|L 197A-NEEL OF EKH2USUSET, 29|EK

TERMINAEL-288LOCK41DFA FORL6FJ7RAE 152L6PAPREESSIAGNF SEXOSRTEEMACH MOBILE PROOFER/WARMING CABINET - NEM248 5-20R REQUIRED | 16.7A| 1E2-02N1 50| 44AFF FORL 3E-ASCAH 1M008/121098 VPRIDODFHER (/3-WANRINKIENSG +CADERIDOLENID) - 9NOEMAA PFF-2(ONKI TR-EIDNE PNIZALOLL EFU|R DOWN) FOR | 50K, 52K

| 13.8A| 152-02/22.08|V4-51-PH | 38-JAGAREIS2.0AV 09780/UNADF)F 9(0N/ITAHFIIN (WAAILTIH IIRURWADLOUWNF)URFODROWAN-)SERCORION PASS-THRU REFRIGERA|TOSRIK-

| 8.6A | 1.2E0-12.390 | 447FF (WILTHOMAN (MASIAL MAJOR FOLOSMEN) SIFEODR) 21-282BLCTILIZO'N AFFAFS SF-OTRH RILLCER EMPARCHOGENHEAT (OURUBER) - | NEMA 5-20R RELOSMENCED

| 14.4A| 1E2-02/6208|V511-PH (39-AN ITRZEOSV +4 'GROTUNDE)OR4 'PRAFE-INVIRCED PLREED-WITRGENDT HARNOT DLROMP-IANN DE ROORSOIP-TIONP (JE MOBILE COLD 5BQ/GNOSK

| 9A 12||DVE-42'8 AF||F53FOR P||RE240NATRIEDD0VLKEDOMPILGHER-4ANKDADDEROOPI-RICNU IFIROAS'T AFKOPP KOOPR MKOPEEI-IWEIROEDLDNEHMODOD5-20||R RECEPTACLE| 56K

2014 1/2012/3020MP|USTEER-GRANDLES.CSTARCULDIDI/240/8 VAFIF-PHOR(32-RWEL-RWEISRED ONTEDWANDS)-29908Y RAFFOTEP(TWATCTLHEIN WALL FUR DOWN) FOR LEASONK

DATA CIERCULIT 45'5 AFF FOR 67A OL28AV U9MOL'T A(FETY (OMNINIEHRI)N -WACLALT-FOLAR ODLOGNINE)T FROEFQLEIARCEHD 2-SECTION PASS2-9THRU REFRIIGERATOR

2-SECTTEONS2PA\$58THRU WALREMERA 1.2006/102408L/141-2POFR (RE-GLETREASCHE GREGOLULIOR)EDI" AFF FOR PRE-WIRED HELATGLAMP AND DROP-IN

NEMAE5-3200R BOCEPTACILE REQUITED AT AFF FOR PRE-WIRED HEAT LAMP, LED DISPLAY LIGHT, AND DROP-IN FROST TOP

HOT FORD 314EL & 600N 15TL OF 1E1A CHA MODENTALE!"HOAFFFORODR CPONSNSTHIRHRU HEATED DISPLAY CABINET OF EACH MODE ILE SELF-SERVICE

| 2.2A | 1.2E9\884" | AGESF FOR | E24902H 1M008B/ILCEIRGE/VIEERA(COEOMOROLOTILEER GRADE) 4" AFF FOR NEMA 5-20R RECEPT|AC2USE (FURNIS|HE2D2KBY 24K|

20A 120EV-4CLIR CUTILT 50" ASPOF. GFOR SEPACHS-APTHNDTIANG ANFARCH ISNIENGLE-POINT CONNECTION) FOR CONTROLS, MOTORS, AND 76K, 78K, 80K

30.6A 4889AB 3 PH7 72" A PERDA (SIZANG LZED SPAO ZINTPHCO (NEWENCEIRIEDEN) + REGIRO UNDON)TROOKL'S JA PARO TROOKS JC LAONIDHES DRYER - NEMA 14-3 DRPS (E05. 15)

UNIT DE-BASCH MOOR 522 HOUT ACOLUZION FOOD ACTOPUNFORR PASS-THRU REFRIGERATED DISPLAY CABINET OF EACON MOBILE

(FURNISHED BY DIVISION 11 AND MOUNTED WITHIN BASE) OF MOBILE CASES ER COUNTER

NEMA 5 E2QAR REQIENTACLE 115EQUATRIEDD/208V 1-PH (3-WIRES + GROUND) 4" AFF FOR PRE-WIRED HEAT LAMP AND DROP-IN

1-SECTION PASS-THRU WARMER - NEMA L14-20R REQUIRED

RECEPTAGE25 REGIOIRED | 3.9A 120V 4" AFF FOR PRE-WIRED HEAT LAMP OF MOBILE FLAT TOP COUNTER

| 3.7A | 12E3-1294" | ASPAF FOR | MODABITAL EQUBIEL/LEETRAGE ACPOPOLITED PRODUCE P.O.S. UNIT (BY OWNER) - CAT-6A REQUIRED 29

(FURN|ISHED BY DIVISI|DN2-150ECANNIONMOPUNSTSE-DTHARLITHJANRMEARSE) NOEMAMOUBLEH-12-00RA SHEQUETE ROCODUNTER

| 15.5A| 120/208|V 1-PH (3-WINDERMEAS 5+2000RNED)UISPAE'D AFF (WITHIN WALL FUR DOWN) FOR EACH

| 8.6A |1.20V 90'| AFF (W|**.**THHOON FWOODL WHELRL DUONINT) OFFOREARCA-CHMO2B-ISLECTHOON FROODS-CTOHUNUTERREFRIGERATOF

18.3A 120/208V 1-PH (3.4NNLTREDF +EAGTHOUMIDE)ILE HOFF/CHOOLID PHOLODINICOLUNITHERAT LAMP AND DROP-IN

| 12.4A| 120V 4' AFF FOR HORTE/GOURTEDFOODEATCOLANTEE, RLED DISPLAY LIGHT, AND DROP-IN FROST TOP

SELF-SERVICE HOT/COLD DECONDESTICONUNITED R MOUNTED IN BASE OF EACH MOBILE CASHIER COUNTER

20A 120V CIRCUIT (COMPOUNERS KORNADIEI)) 4MOUNFIFE DE OURN NEEMSEE 50-F2 ØERACHE (MEDISTRACEL EC A/SHURENRI SCHOLUN TEEN

E-35 | 60/62 | 12A 12/08V-347" ALFGF4 FOR PASSOSA-TIHEROUV REITHROLUGIERA/TOEODMIRDUITSERLAGARADAED)INNE'T AOFF EFAOCH MHEDBAILSE-20R RECEPTIACLE (FURNISH 12000 EBRY

DIVISIOEN 3191) MOOUNTED DNATBAA SOLUTOLIETE AAC'H ANKOPBIFLOER CEASOHILIER CCOSUNTUENIT (BY OWNER) - CAT-6A REQUIZORED

EOUIPMENT) | 76 | 20A 120V CIRCUIT 24" AFF FOR CLOTHES WASHER - NEMA 5-20R REOUTRED

| DATA |CIER-CALOUIT | 47°1 AFF | FOAPO LELANCH 48PO.NO .35-.PHUNZZZ" (ABYF CHAONERI)NT-ECCRANIL-66XOCOSUMBLIETH BRAETQELII ROBED DISHWAS|HEZPO (FUTURE)

| E-34 | 60/61 | 14.3A| 120V 4'| AFF FO**R SPEAS<del>S</del>-STHRNUI (HE AFTOED) (DOULSD**P L**FAO**ODD **ACEOLUNE**TIEROF EACH MOBILE SELF-SERVICE

HOT/COED 315000 630UNTER 2.2A 120V 4" AFF FOR EACH MOBILE BEVERAGE COOLER

40.1A 480V 3 PH 72" A HELEKOTR DON TIEGONKA IHEBOOTO SOTE PO JIHSELANDESHEDRE (DELISHUMRES)HER (FUTURE

20A 120V CIRCUIT 50" AFF FOR EACH BEVERAGE VENDING MACHINE (BY VENDOR)

DATA OUTLET 50" AFF FOR EACH BEVERAGE VENDING MACHINE (BY VENDOR)

(FURN<mark>ISHED BY DIVISI**) N**(FIUR) NISHOHEND TBOY DONIVELS CHOOSIP LLAS) HMODEN FIREDPAIR A BLACK SPOLANS THERD F PREPARATION 106</mark> UNTER

| 20A 1|20EV-10ZIRQUIDT 6" | FEFOAFOIR2000NECI(RIC)UINTEMEA' 5A-FEFORFOORONONEENI(EIN)CENERMEACEP-TEMOORLESSONVENIENCE RECEPTACLE (FURNISHED BY DIVISI<mark>DNIFURNISHENDTBDY DNIVELSCIKOSIPILALS</mark>HMOEINFREDPARNABAKOINSEQUANSTHERDF PREPARATION 1COUNTER

E-13 | 15/16 | 13A 12/08V-16" ALBUS/ELOOR ONLEX (11)2/0NEMON" SAFERONF ONTE CONNETCACIL)E NOTINVERNOUS SEAFORD RESCUPPINATESLIEDN (FLUR)NISHED BY DIVISION 1/12/41K MOUNTED IN BACKSPLASH MOOFUNFIREEPAIRNA BEVOOK SCROLANSTEROFF OFFIC EFFOOD A TEXTOOCESSOLORTER FOR FOOD PROCESSOLOR

| 6A 12|0VE-5106" A|12174 FOR \$L118004E1?208VNE9MAPH5-62'018AFRECHEOPRIAGOL-EQUINATE/DUINNEEDER - NEMA L15-201R REQUIRE/D

20A 120V CIRQUIT (24 HHOOSERVICE) FOR EXHAUST/SUPPLY FAN CONTROL PANEL OF EXHAUST

1.8A LIZERNO DEALGEOR EACHLEBAAPDORPANTODE ACOFDOR OFFACHALEKAAIRNO RADIODRE PCORDONO F WALK-IN COOLER ROOM | 8,10,11 | 2EK, 4EK | 8,10,11

| 13.7A| 269-88/ 1-| FEH DFA | FOURS LEAKCH2 0EBXA PIO-FRAHTODEF ACCIDIOR CHEA CHHA LEK/AJENO FRARIEDEZ EGRO JRO COMF WALK-IN FREEZER 8R,0000M, 11, 14 | 5,7EK; 9,181,ELNO,11,14 1A 12 DVE-19FA FOOR EACH CLOAN DIEZNOSATOEF AD FRACIEN BLAICNE CHOENADIENS ACHE WORLAKI-NIN JENNEE EFZEEART ERFO COOPF WALK-IN FRESE, ZIEGR, JRICOOM 6EK, 8EK 8,10,11

DESCRIPTION OND.UTIDESTREPOLOREMENTSILITY REQUIREMENTS

PRESSURE RELIEF PORT OF BASING FINE ELONG FIRE OF THE RECORD FOR WALK-IN COOLER ROOM

REQUIRED 15 | 21 | 6A 120V 50" AFF FOR SLICER - NEMA 5-20R REQUIRED

HOOD | E-19 | 33 | TERMINAL BLOCK DFA FOR FIRE SUPPRESSION SYSTEM

| 10A (|15A MAX||FUSE SIZEH)OTL2FF00ODL2NELALFFUNFIOR OUTCEMOMBAICHEINHEOT(CRUOKOEDR)COUNNITEMBA 5-20R

3.9A [1.2529-12.74" | ASAZE FOR | PERE7-AN ZIRZEEDV HAE'A TA REAMPPORO IMONBOBLIEL EB EFVLEARIA GIEO PC 00000LENRT ER

1-SECTION PA\$S-THRU WANTENMER 5-2000EMAREQUATEREDOR RECEPTACLE REQUIRED

HOT FOOD WELL UNIT OF CYCOLANTIER HOT FOOD COUNTER

10.2A 1229N 90 2 AFF FOR ALTAR 1020PNTARDN' AFF FOR AIR CURTAIN

20A 126V-1CO 14" AFF | 20A 120V CO 24" AFF

20A 120A 2CO 46" AFF | 20A 120V CO 46" AFF

20A 120EV-3CO 50" AFF | 20A 120V CO 50" AFF

E-2

E-3

E-4

E-5

| E-6

I E-7

| E-29 | !

E-41 71

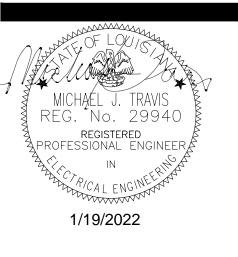
E-50 90

KILOWATT

Consulting Engineers / Land Surveyors

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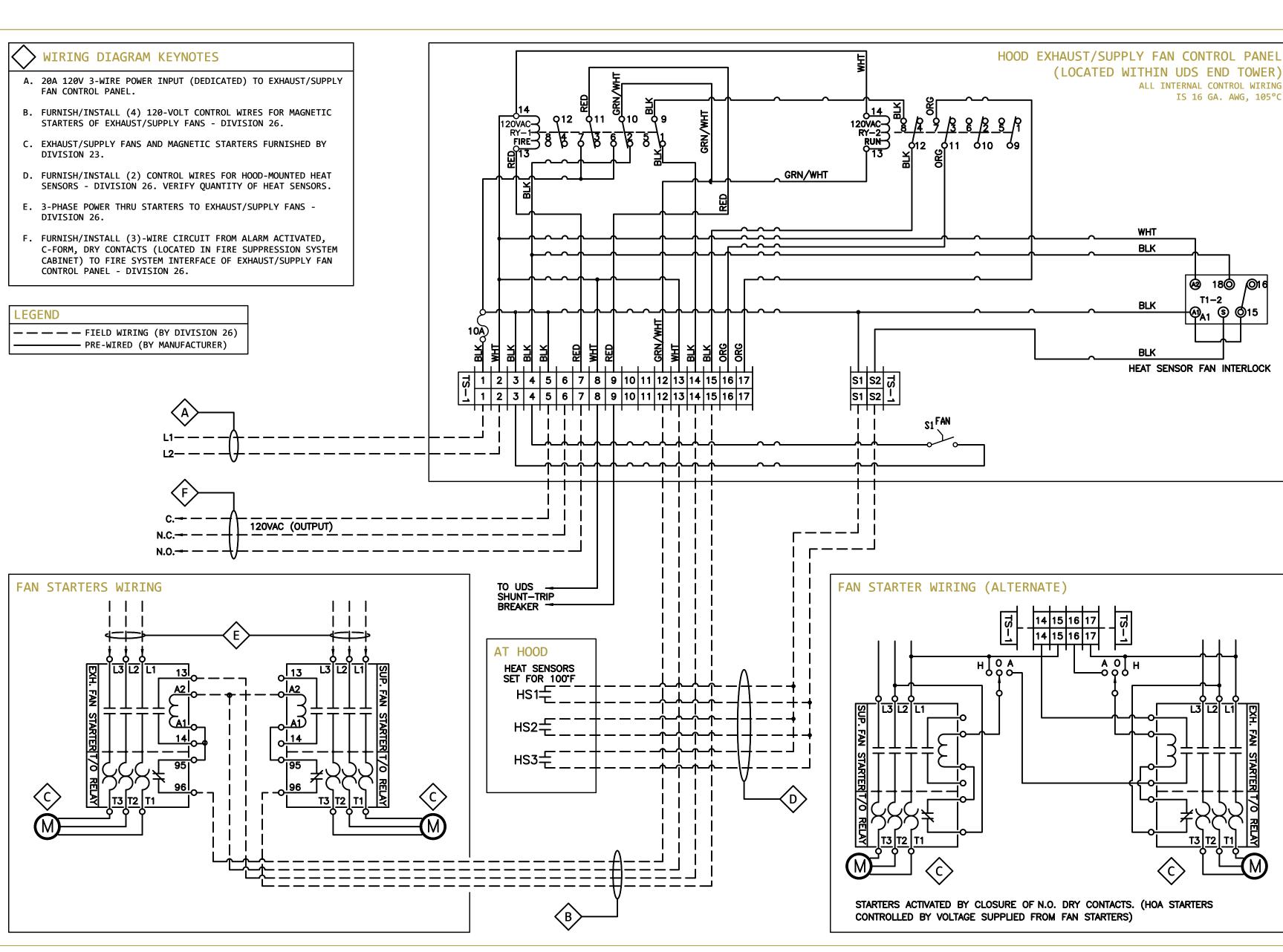
RHH project # DA project #

2021-05-13 director review

FOOD SERVICE **EQUIPMENT** 

LAYOUT

C20-0058



FOOD SERVICE EQUIPMENT ELECTRICAL/DATA ROUGH-IN NOTES

EXHAUST HOOD CONTROL PANEL WIRING DIAGRAM

REF: FS6.03

- ROUGH-IN PLAN SHOWS APPROXIMATE LOCATIONS FOR UTILITY REQUIREMENTS OF FOOD SERVICE EQUIPMENT SPECIFIED WITHIN BASE BID AND PROPOSED ALTERNATES 1.2 (INCLUDING FUTURE EQUIPMENT AND EQUIPMENT FURNISHED BY OWNER, VENDOR, OR OTHERS) PLUS ELECTRICAL CONVENIENCE OUTLETS. CONTRACTOR SHALL FURNISH DIMENSIONED LOCATIONS FROM FINISHED WALLS AND/OR CENTER-LINE OF COLUMNS FOR ALL UTILITIES SHOWN ON CONTRACT DOCUMENT ROUGH-IN DRAWINGS.
- WHERE POSSIBLE, ALL ELECTRICAL CONDUIT/WIRING SHALL BE EXTENDED UP THROUGH AND OUT OF BUILDING WALLS.
- EXTEND AND CONNECT WIRING FROM JUNCTION BOXES TO CONNECTION POINTS ON FOOD SERVICE EQUIPMENT - DIVISION 26.
- 4. WALL-MOUNTED JUNCTION BOXES SHALL BE RECESSED IN BUILDING WALL SO THAT EQUIPMENT CAN BE INSTALLED AGAINST WALLS.
- 5. FURNISH AND INSTALL ALL NECESSARY LINE DISCONNECT SWITCHES, UNLESS SPECIFIED OTHERWISE - DIVISION 26.
- 6. INSTALL CORD/PLUG ASSEMBLIES (FURNISHED BY DIVISION 11) TO FOOD SERVICE EQUIPMENT
- WHERE REQUIRED DIVISION 26.
- 7. INSTALL ONE (1) MICRO-SWITCH (FURNISHED BY DIVISION 11) AT DOOR OPENING FOR ON/OFF OPERATION - DIVISION 26.
- 8. FURNISH AND INSTALL CONDUIT, JUNCTION BOXES, AND FIELD WIRING FOR COILS, CEILING-MOUNTED LIGHT FIXTURES, PRESSURE RELIEF PORTS, AND FREEZER DRAIN LINE HEATERS (FURNISHED BY DIVISION 11) OF WALK-IN COOLERS/AND FREEZERS - DIVISION 26.
- 9. HORIZONTAL RUNS OF CONDUIT FOR CEILING-MOUNTED LIGHT FIXTURES SHALL BE MOUNTED ON TOP OF WALK-IN CEILING PANELS - DIVISION 26. RE: DIAGRAM D9/FS6.01.
- 10. PENETRATIONS OF WALK-IN CEILING/WALL PANELS SHALL BE SEALED WITH USDA-APPROVED SEALANT. RE: DIAGRAM D9/FS6.01.
- 11. ELECTRICAL CONDUIT WITHIN WALK-IN SHALL BE FILLED (INSIDE CONDUIT) WITH FOAM
- URETHANE TO PREVENT CONDENSATION DIVISION 26. RE: DIAGRAM D9/FS6.01. 12. FURNISH AND INSTALL JUNCTION BOX ON TOP OF WALK-IN COOLER/FREEZER FOR POWER SOURCE OF TEMPERATURE ALARM SYSTEM (FURNISHED BY DIVISION 11) - DIVISION 26.
- 13. FURNISH AND INSTALL 18 GAUGE WIRING AND TEMPERATURE SENSORS OF TEMPERATURE ALARM SYSTEMS IN ACCORDANCE WITH SPECIFICATIONS - DIVISION 11. RE: DIAGRAM D10/FS6.01.
- 14. WALK-IN FREEZER EVAPORATOR COIL SPECIFIED INCLUDES PRE-WIRED ON-DEMAND DEFROST
- 15. REMOTE REFRIGERATION SYSTEM SHALL INCLUDE PRE-WIRED UL-LISTED CIRCUIT BREAKERS AND LINE DISCONNECT SWITCH - DIVISION 11.
- 16. EXTEND AND CONNECT WIRING FROM JUNCTION BOX TO COUNTER RECEPTACLE (FURNISHED BY DIVISION 11) - DIVISION 26.
- 17. FURNISH AND INSTALL MAIN SERVICE FEEDERS AND OVERLOAD PROTECTION DEVICES FOR CONTINUOUS OPERATING LOAD OF UTILITY DISTRIBUTION SYSTEM (UDS) - DIVISION 26. LOADS (INCLUDING RESERVE POWER) INDICATED ON DRAWINGS ARE CALCULATED AT 125% OF CONTINUOUS OPERATING LOAD OF EQUIPMENT.
- 18. INSPECT UDS FOR LOOSE CONNECTIONS (CAUSED BY SHIPPING) AND TIGHTEN AS REQUIRED DIVISION 26.

- 19. INTERCONNECT ELECTRICAL FIELD JOINT OF UDS BY BOLTING BUS BARS AND/OR CABLE BUS WIRING TOGETHER - DIVISION 26. FITTINGS, BOLTS, QUICK-DISCONNECT DEVICES, ETC. SHALL BE SUPPLIED AND PRE-FITTED WITH UDS.
- 20. UDS SHALL BE EQUIPPED WITH SINGLE-POINT CONNECTIONS, MAIN ELECTRICAL DISCONNECT POINT-OF-USE CIRCUIT BREAKERS, AND POWER SHUT-OFF DEVICE (SHUNT TRIP BREAKER). POWER TO COOKING EQUIPMENT SHALL SHUT OFF WHEN ACTIVATED BY FIRE EXTINGUISHING AND/OR BUILDING FIRE ALARM SYSTEMS.
- 21. FURNISH AND INSTALL THREE (3) 120-VOLT WIRES FROM PRE-WIRED LIGHT SWITCH MOUNTED ON END RISER OF UDS TO JUNCTION BOXES LOCATED ON TOP OF EXHAUST HOOD FOR PRE-WIRED EXHAUST HOOD LIGHTS - DIVISION 26.
- 22. CONNECT FLEX CONDUIT W/LEADS AND/OR UL-LISTED CORD/PLUG ASSEMBLIES (FURNISHED BY

DIVISION 11) TO COOKING EQUIPMENT WHERE REQUIRED - DIVISION 26.

- 23. EXHAUST HOOD CONTROL PANEL WITH FIRE SYSTEM INTERFACE FOR ON/OFF OPERATION OF EXHAUST/SUPPLY FANS SHALL BE FURNISHED BY DIVISION 11 (MOUNTED ON UDS END TOWER THEREFORE NOT REQUIRED BY MANUFACTURER OF EXHAUST/SUPPLY FAN PACKAGE (FURNISHED
- 24. MAGNETIC STARTERS OF EXHAUST/SUPPLY FAN PACKAGE SHALL BE FURNISHED BY DIVISION AND INSTALLED BY DIVISION 26.
- 25. WIRING OF EXHAUST AND SUPPLY FANS FOR EXHAUST HOOD SHALL BE INTERLOCKED TO MAINTAIN PROPER AIR BALANCE IN KITCHEN - DIVISION 26.
- 26. FURNISH AND INSTALL FOUR (4) 120-VOLT CONTROL WIRES FROM EXHAUST HOOD CONTROL PANEL TO MAGNETIC STARTERS OF EXHAUST/SUPPLY FANS - DIVISION 26.
- 27. FURNISH AND INSTALL TWO (2) CONTROL WIRES FROM EXHAUST HOOD CONTROL PANEL TO EAC HEAT SENSOR MOUNTED IN EXHAUST HOOD - DIVISION 26.
- 28. FURNISH AND INSTALL THREE (3) 120-VOLT CONTROL WIRES FROM TERMINAL BLOCK OF FIRE SUPPRESSION SYSTEM TO FIRE SYSTEM INTERFACE OF EXHAUST HOOD CONTROL PANEL -DIVISION 26. EXHAUST FANS SHALL BE ACTIVATED AND SUPPLY FANS SHALL BE DE-ACTIVATED IN THE EVENT OF A FIRE.
- 29. REFER TO DIAGRAM D12, THIS SHEET FOR ADDITIONAL INFORMATION DIVISION 26.

INSTALL FLOOR MOUNTED STAINLESS STEEL OUTLET BOX/RECEPTACLES (FURNISHED BY

- DIVISION 11) DIVISION 26. RE: DETAIL D3/FS2.02. 7 31. MOBILE SERVING COUNTERS SPECIFIED INCLUDE A BASE-MOUNTED UDS (FURNISHED BY DIVISION 11) FOR ELECTRICAL AND DATA CONNECTIONS OF ITEM NOS. 82, 83, 84, 85, 86
- INTERCONNECT ELECTRICAL FIELD WIRING CONNECTORS (WHERE NECESSARY) BETWEEN SECTIONS OF BASE-MOUNTED UDS - DIVISION 26.
- AS REQUIRED DIVISION 26.
- 34. REFER TO DIAGRAM D11/FS6.02 FOR ADDITIONAL INFORMATION DIVISION 26. 35. VERIFY REQUIREMENTS WITH SUPPLIER OF VENDOR AND/OR OWNER FURNISHED EQUIPMENT PRIOR TO ROUGH-IN - DIVISION 26.

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ELECTRIC TANK HEAT OF ROEDSHURAESHER (FUTURE EQUIPMENT) | 20A 1|20EV-47QIIR (LUTE)T 24" | ALEZFA FLOOPO V.C. LSOOT HEAST FWASSONE RMOBINEEMAHESA-TZEODR CRABCIENTETTA ((LIFLUTRUPQEL)IIREDNEMA 5-2/10R REQUIRED | 75K E-42 30A 12/0E/-2488V 18-6PH (3 | WELREAS 1-2-6BLROSUND)AFZF4 "FOAFF IMOFBOIRLEC LICETHFEISGEDRAYTEERD -CANEEMNAETL4(-F3LØTRURE) - NEMA 5-2.0R REQUIRED RECEPTAGULO RECOUNTED 30A 120/208V 3-PH (4-WIRES + GROUND) 18" AFF FOR BASE-MOUNTED RAGEWAY OF MOBILE 33. INSPECT BASE-MOUNTED UDS FOR LOOSE CONNECTIONS (CAUSED BY SHIPPING) AND TIGHTEN 1 12A 120V 50" AFF FOR MODEZIZAE CHORANTHERSCABELINGUIRE) NEMMEMA-200RI-REPORTERIEAGLUIR BROEOUIRED 4.8A 1.2E9V4750'|847FF FOR DMODBALLOBUTREEFTRICEE'RAATHED ROORBITNEOT.S-. NLEWIAT 5(-F2LØTRURREE,CEE)PTOMONEER'RE-OUCLARIE-D6A RE-OUIRED E-45 80 | E-46 | 82-87 | 30A 1.20E/24388V|38-9PH (4.|WZDRAESL2+0VGRODLENDD)ITL85'0''A FAFF FF OFFORBAESAECHMORDNODE DVBRADDENKGA YMAXOTH INNOBBI(LBEY VEN|DOR) PIZZA COUNTERS9- NEMA DAZTA-300 TURETCETOTA CALETE PRECODULETACON FOOD VENDING MACHINE (BY VENDOR) 30,31 DATA CIERCELOIT 1990' AFF F2097A PL200NS CILINCULT (BSVO'O WANTER) FOR CEARCHGAS EDULERASGIE RATEONUDIENSED MACHINE (BY VEEDNDOOR) 20A 120EN 501R (1990)T 50" ADPATAFOOPUTBLAECTH SPOODDA PAR NFOODRNICE ANCAHCHBIENARE R/ARGHE WAREHODODENIG MACHINE (BY VENDORE)S E-48 89 E-49 8 DATA OUTLET 50" AFF FOR EACH FOOD VENDING MACHINE (BY VENDOR)

RHH ARCHITECTS, APAC 200 government st / ste 100 baton rouge, la 70802 225.383.0002 / rhharchitects.com DOMAIN ARCHITECTURE 8316 kelwood avenue

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baton rouge, la 70806

REGISTERED PROFESSIONAL ENGINEER 1/19/2022

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RHH project # DA project # 2022-01-19

director review

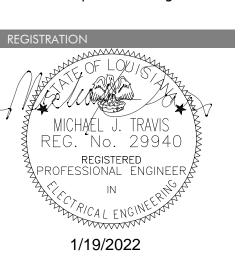
WORK THIS DWG WITH CONSTRUCTION NOTES

 $\boxed{1 \times 2 \times 3 \times 6 \times 8 \times 10}$ 

(11)(12)(16)(30)(31)(39)

2ND FLOOR ADMIN POWER PLAN

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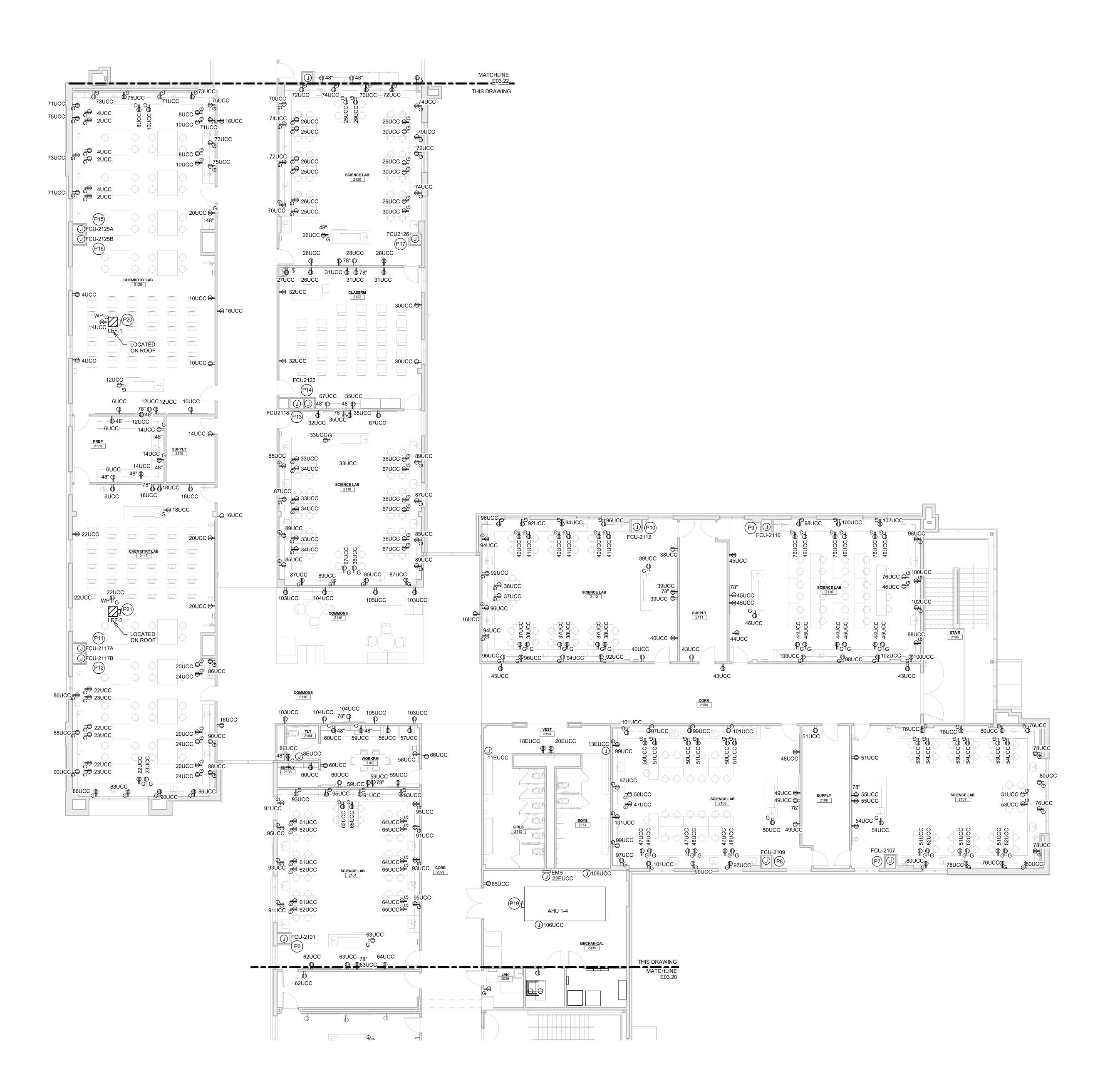


RHH project # DA project # 2022-01-19

director review

2ND FLOOR MEDIA CENTER POWER PLAN

2ND FLOOR MEDIA CENTER POWER



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RHH project #

DA project # 2022-01-19

director review

WORK THIS DWG WITH CONSTRUCTION NOTES

ENTIRE DWG

 $\boxed{1 \times 2 \times 3 \times 6 \times 8 \times 10}$ 

 $\boxed{11\sqrt{12}\sqrt{16}\sqrt{30}\sqrt{31}\sqrt{39}}$ 

2ND FLOOR UPPER CLASS POWER PLAN

2ND FLOOR UPPER CLASS POWER 1 PLAN 1/8" = 1'-0"

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RHH project # DA project # 2022-01-19

director review

ENTIRE DWG

<del>42</del> <del>126</del>

2ND FLOOR
PERFORMING ARTS
POWER PLAN

2ND FLOOR PERFORMING ARTS POWER

1 PLAN

1/8" = 1'-0"

WORK THIS DWG WITH CONSTRUCTION NOTES ENTIRE DWG  $\begin{array}{c|c} \hline & 1 \\ \hline & 2 \\ \hline & 3 \\ \hline & 6 \\ \hline & 8 \\ \hline & 10 \\ \hline & 11 \\ \hline & 12 \\ \hline & 16 \\ \hline & 30 \\ \hline & 31 \\ \hline & 39 \\ \hline \\ \end{array}$ 

RHH ARCHITECTS, APAC 200 government st / ste 100 baton rouge, la 70802 225.383.0002 / rhharchitects.com DOMAIN ARCHITECTURE

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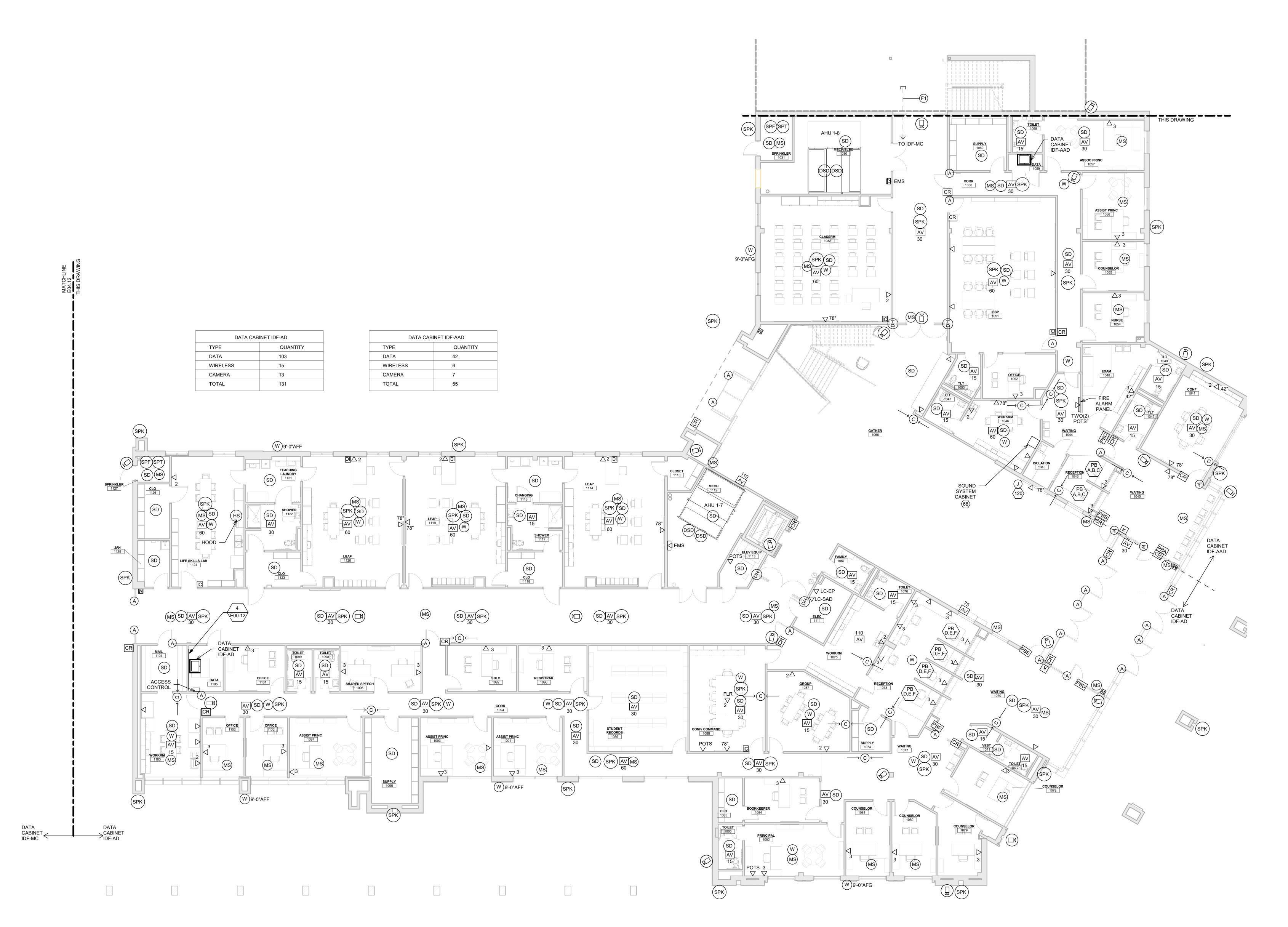


RHH project #

DA project # 2022-01-19

director review

2ND FLOOR FACS POWER PLAN



WORK THIS DWG WITH CONSTRUCTION NOTES  $\sqrt{2 \times 3 \times 10 \times 12 \times 18 \times 20}$ 

ENTIRE DWG

2 \ 3 \ 10 \ 12 \ 18 \ 20 \
21 \ 22 \ 23 \ 24 \ 25 \ 26 \
27 \ 34 \ 39 \ 125 \ 127 \

RUCTION NOTES

RHH project #

DA project #

date

director review

date 2022-01-19

director review

1ST FLOOR
ADMINISTRATION
SPECIAL SYSTEMS PLAN

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**registered** Aprofessional engineer

1/19/2022

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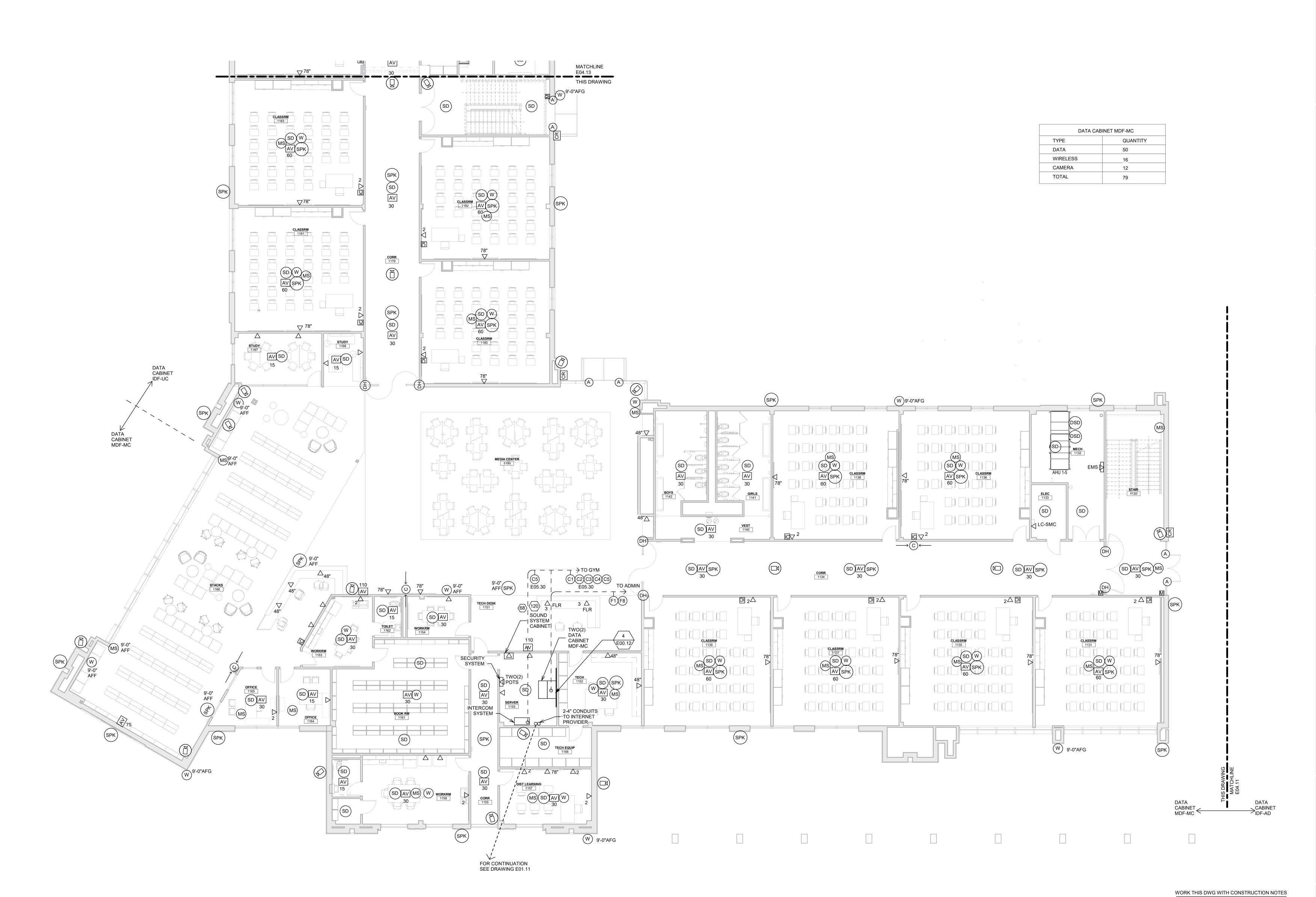
DOMAIN ARCHITECTURE

baton rouge, la 70802

8316 kelwood avenue baton rouge, la 70806

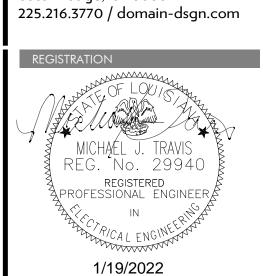
1ST FLOOR ADMINISTRATION SPECIAL

1/8" = 1'-0"



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baton rouge, la 70806



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RHH project # C20-0058 DA project # 2022-01-19

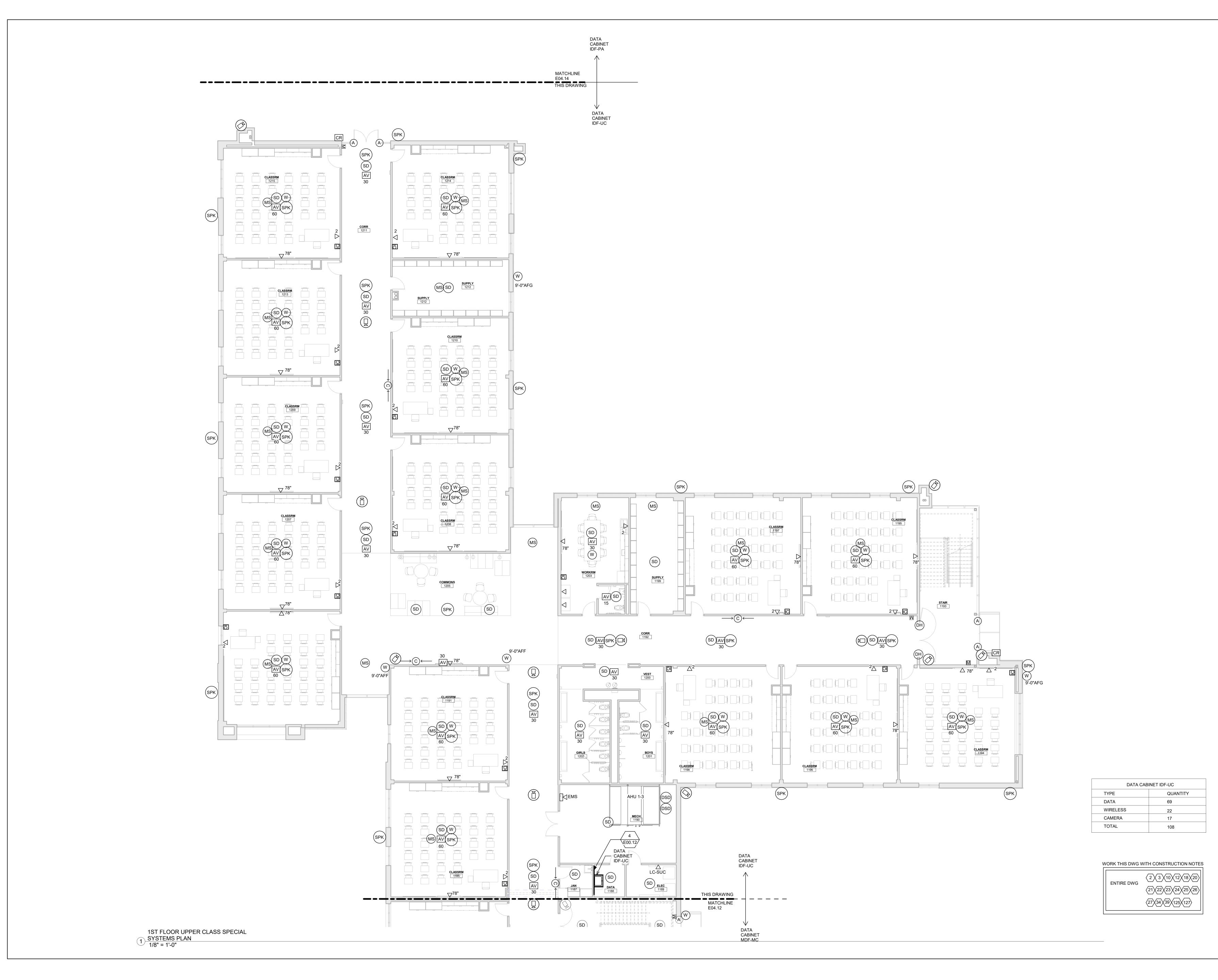
director review

2 3 10 12 18 20

27\34\39\125\127\

**ENTIRE DWG** 

1ST FLOOR MEDIA CENTER SPECIAL SYSTEMS PLAN





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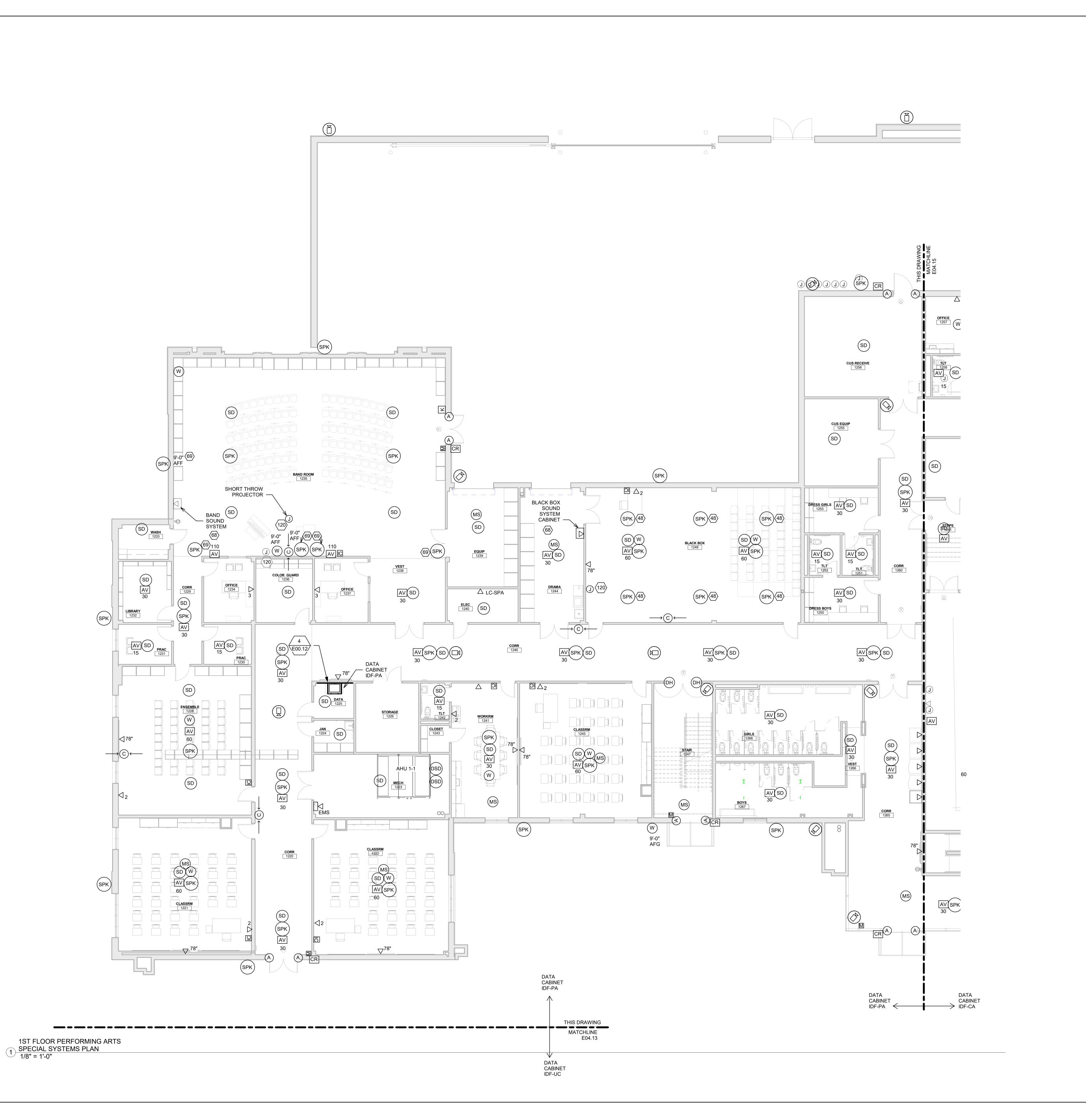


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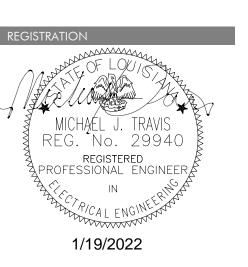
RHH project # DA project # 2022-01-19

director review 1ST FLOOR UPPER CLASS SPECIAL SYSTEMS
PLAN





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RHH project # DA project # 2022-01-19

director review

DATA CABINET IDF-PA

WIRELESS

TOTAL

QUANTITY

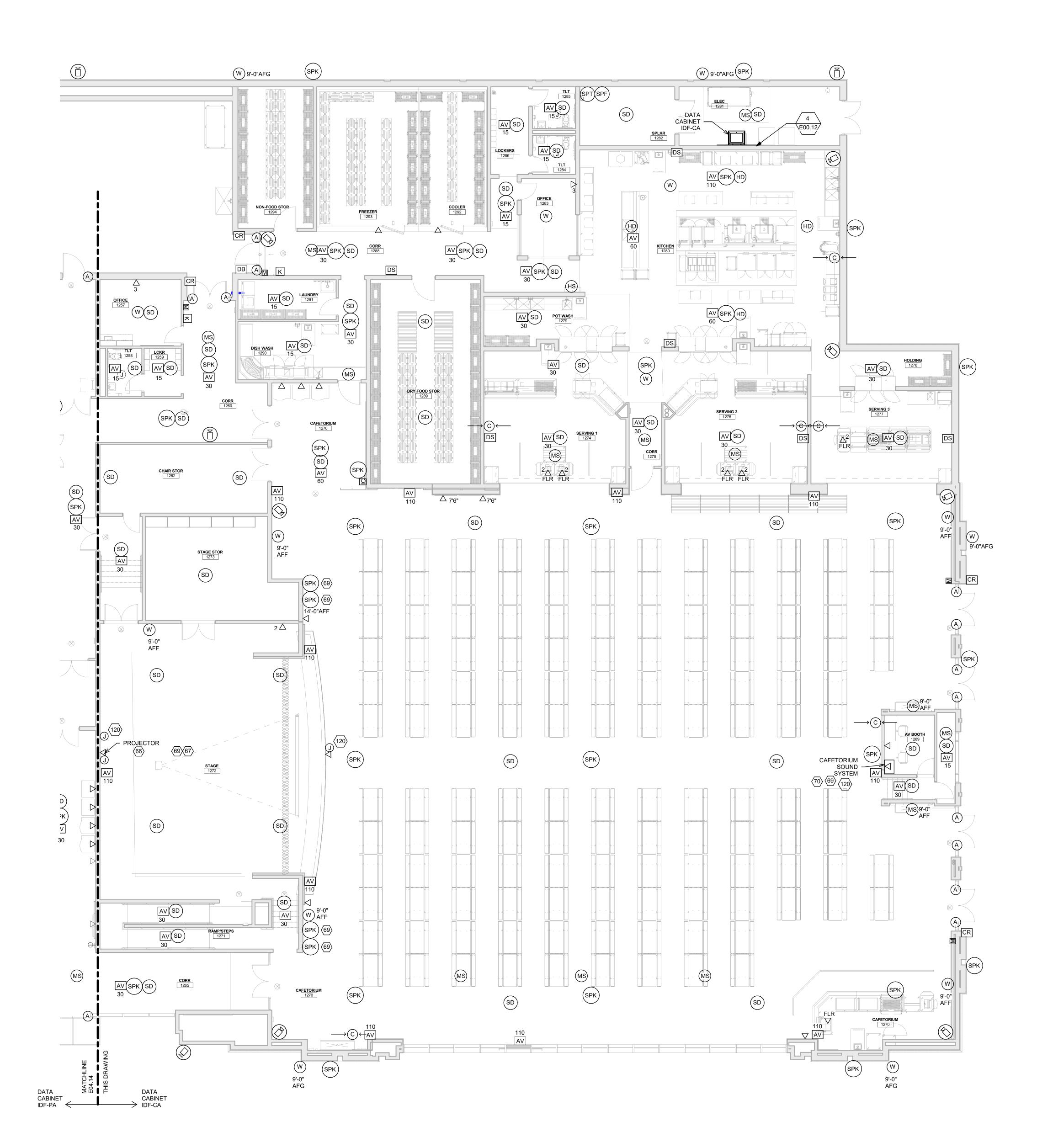
**ENTIRE DWG** 

WORK THIS DWG WITH CONSTRUCTION NOTES

2 3 10 12 18 20

54

1ST FLOOR PERFORMING ARTS SPECIAL SYSTEMS PLAN



DATA CAB	INET IDF-CA
TYPE	QUANTITY
DATA	32
WIRELESS	11
CAMERA	11
TOTAL	54

WORK THIS DWG WITH CONSTRUCTION NOTES

 $2\sqrt{3}\sqrt{10}\sqrt{12}\sqrt{18}\sqrt{20}$   $21\sqrt{22}\sqrt{23}\sqrt{24}\sqrt{25}\sqrt{26}$   $27\sqrt{34}\sqrt{39}\sqrt{125}\sqrt{127}$ 

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RHH project #

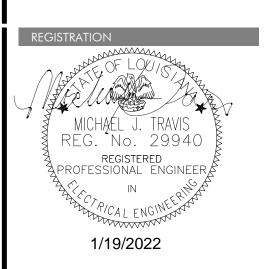
DA project # 2022-01-19

1ST FLOOR CAFETORIUM SPECIAL SYSTEMS PLAN

1 CAFEROTIUM SPECIAL SYSTEMS PLAN 1/8" = 1'-0"



DOMAIN ARCHITECTURE 8316 kelwood avenue baton rouge, la 70806 225.216.3770 / domain-dsgn.com



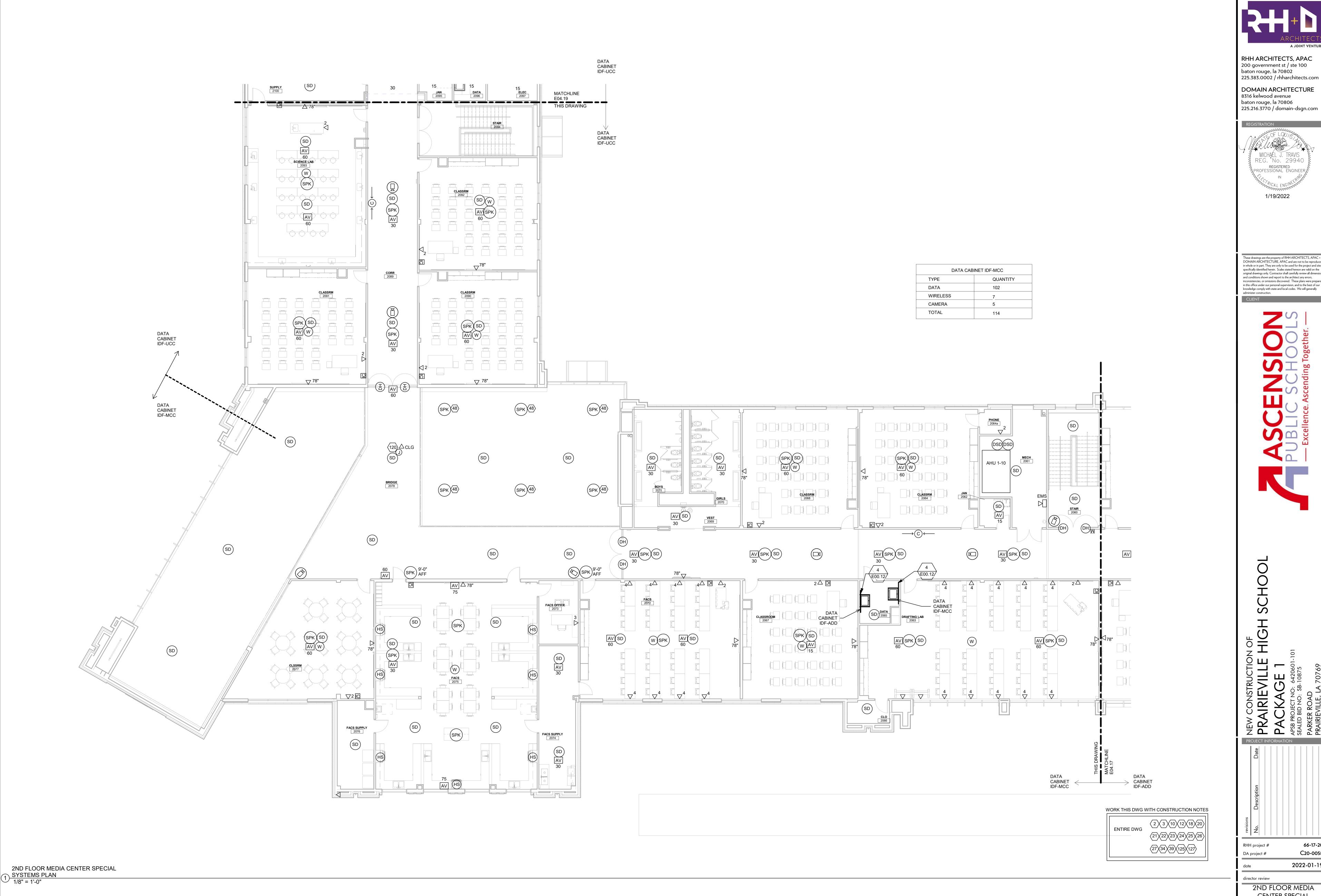
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RHH project # DA project # 2022-01-19

director review

2ND FLOOR ADMIN SPECIAL SYSTEMS PLAN



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REGISTERED
PROFESSIONAL ENGINEER

1/19/2022

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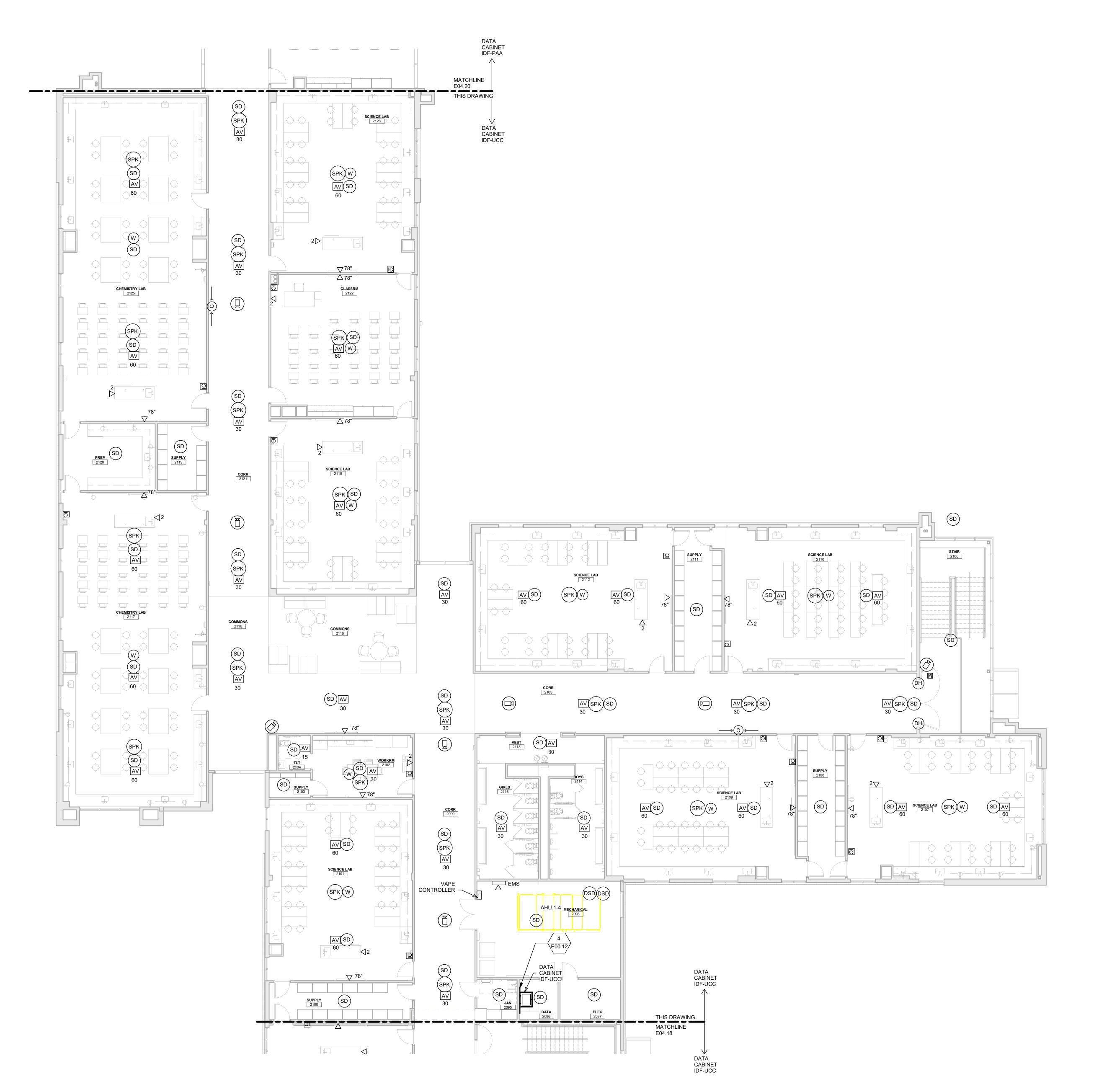
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RHH project #

DA project # 2022-01-19

2ND FLOOR MEDIA CENTER SPECIAL SYSTEMS PLAN





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DATA CABINET IDF-UCC

WORK THIS DWG WITH CONSTRUCTION NOTES

CAMERA

ENTIRE DWG

TOTAL

QUANTITY

2022-01-19

RHH project # DA project #

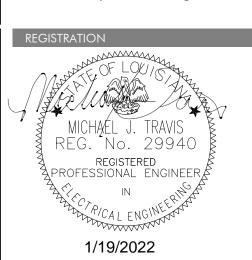
director review 2ND FLOOR UPPER

CLASS SPECIAL SYSTEMS
PLAN



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PR	OJECT IN	FORMATIO	ИС	
	Date			
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DA project # 2022-01-19

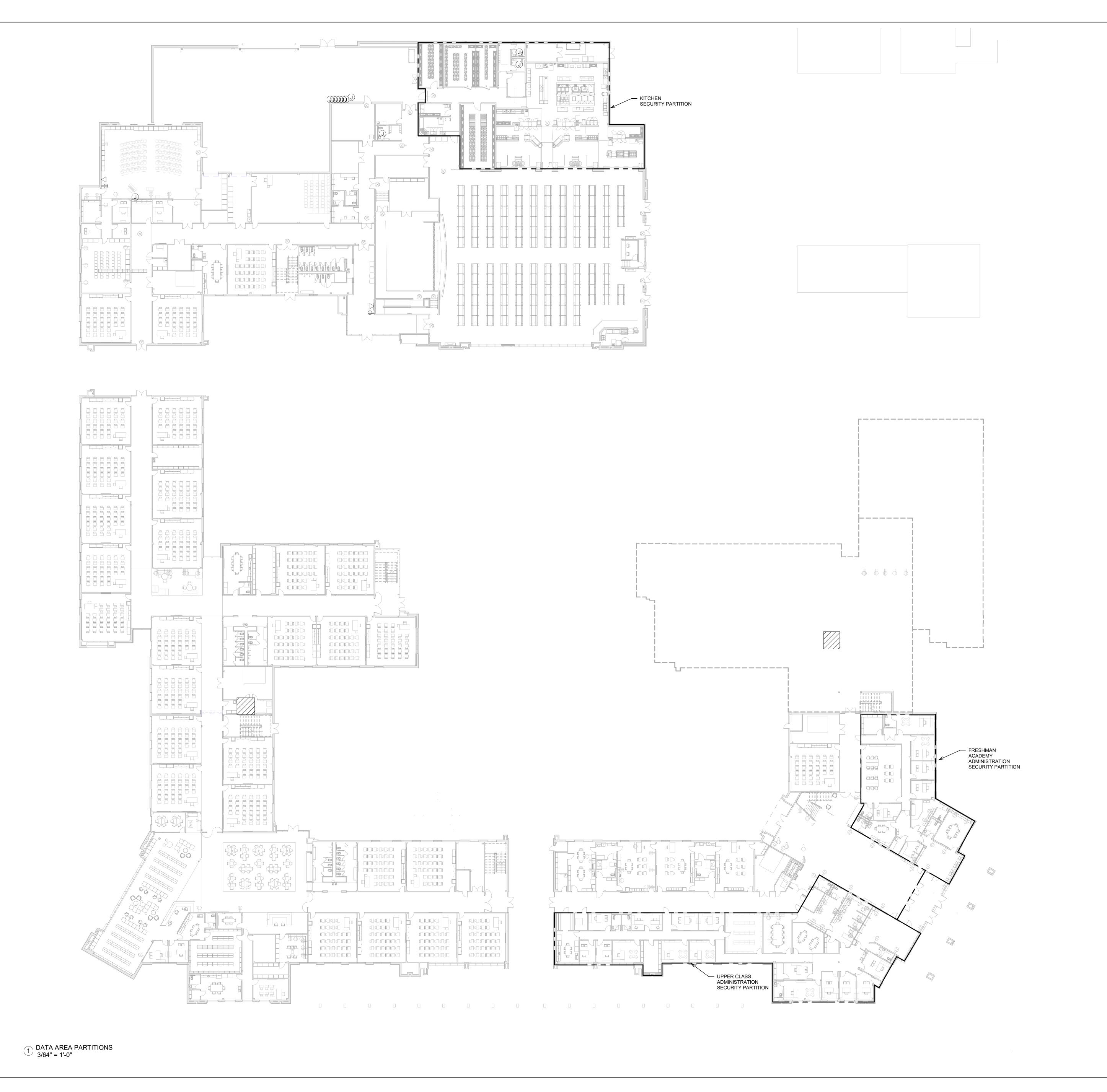
director review

2ND FLOOR
PERFORMING ARTS
SPECIAL SYSTEMS PLAN

DATA CABINET IDF-PAA **WIRELESS** CAMERA TOTAL 31

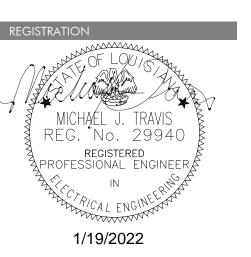
WORK THIS DWG WITH CONSTRUCTION NOTES

2 3 10 12 18 20 ENTIRE DWG





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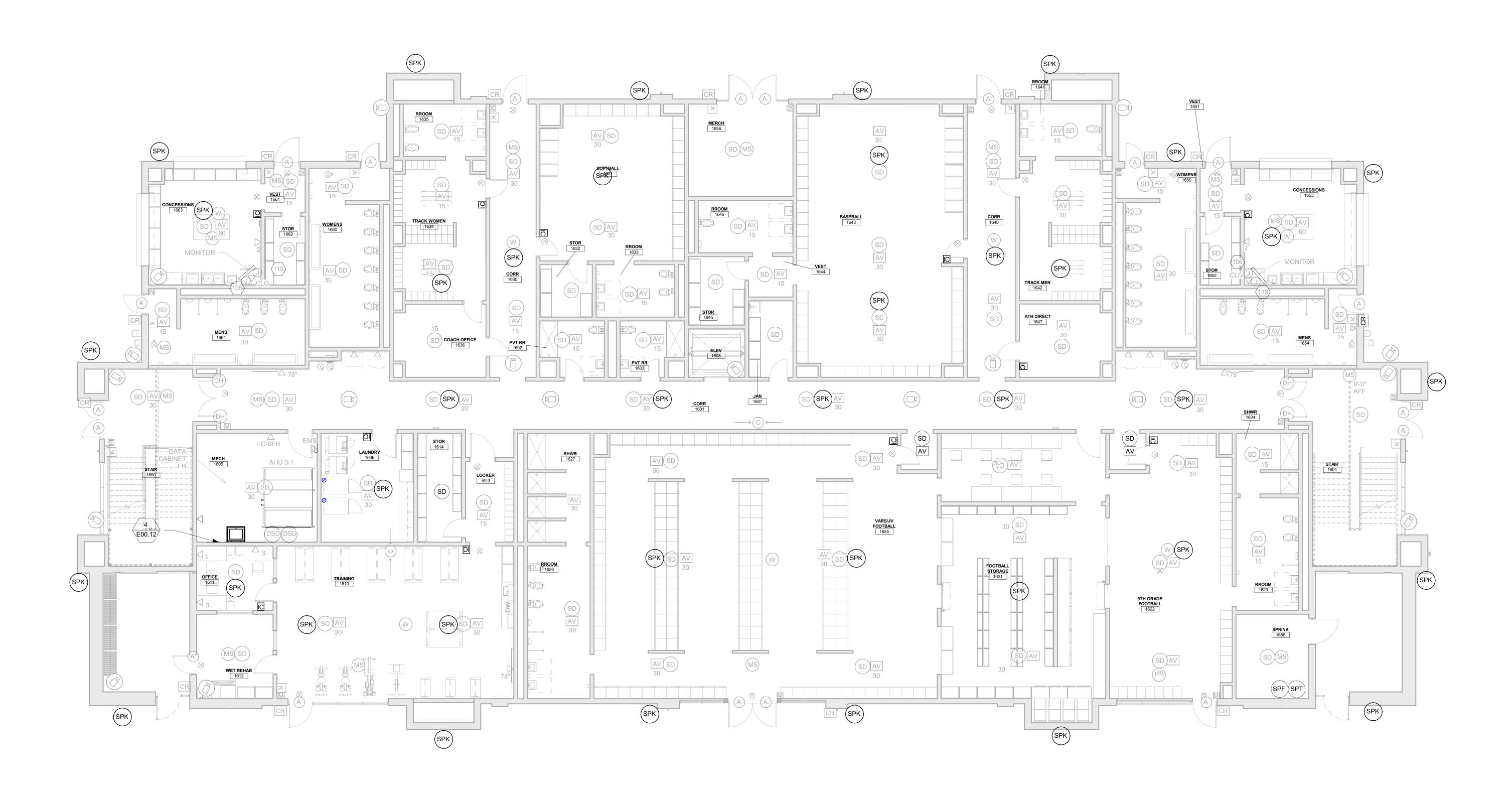


RHH project # DA project #

2022-01-19

director review

MAIN BUILDING SECURITY PARTITIONS



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- 1. A SINGLE GANG JUNCTION BOX AT EACH CALL STATION BUTTON LOCATION INCLUDING A 1/2" EMPTY CONDUIT WITH PULL STRING FROM THE JUNCTION BOX TO THE SPACE ABOVE THE ACCESSIBLE SUSPENDED CEILING.
- 2. 'J' HOOK ROUTING PATH FROM EACH INDIVIDUAL INTERCOM/CLOCK DEVICE (I.E. CALL BUTTON, SPEAKER, CLOCK, ETC.) TO THE DATA IDF ROOM LOCATION. 3. SHORT CONDUITS THROUGH WALLS AS NECESSARY TO ENSURE A COMPLETE
- INFRASTRUCTURE PATH IS PROVIDED.
- 1/2" CONDUIT WALL PENETRATION AND SINGLE GANG JUNCTION BOX FLUSH WITH THE EXTERIOR FINISHED SURFACE FOR EACH OUTDOOR SPEAKER LOCATION. CONDUIT WILL BE ROUTED TO THE CLOSEST ABOVE CEILING SPACE.

WORK THIS DWG WITH CONSTRUCTION NOTES

2 3 10 12 18 20 **ENTIRE DWG** 27 34 39 125 127

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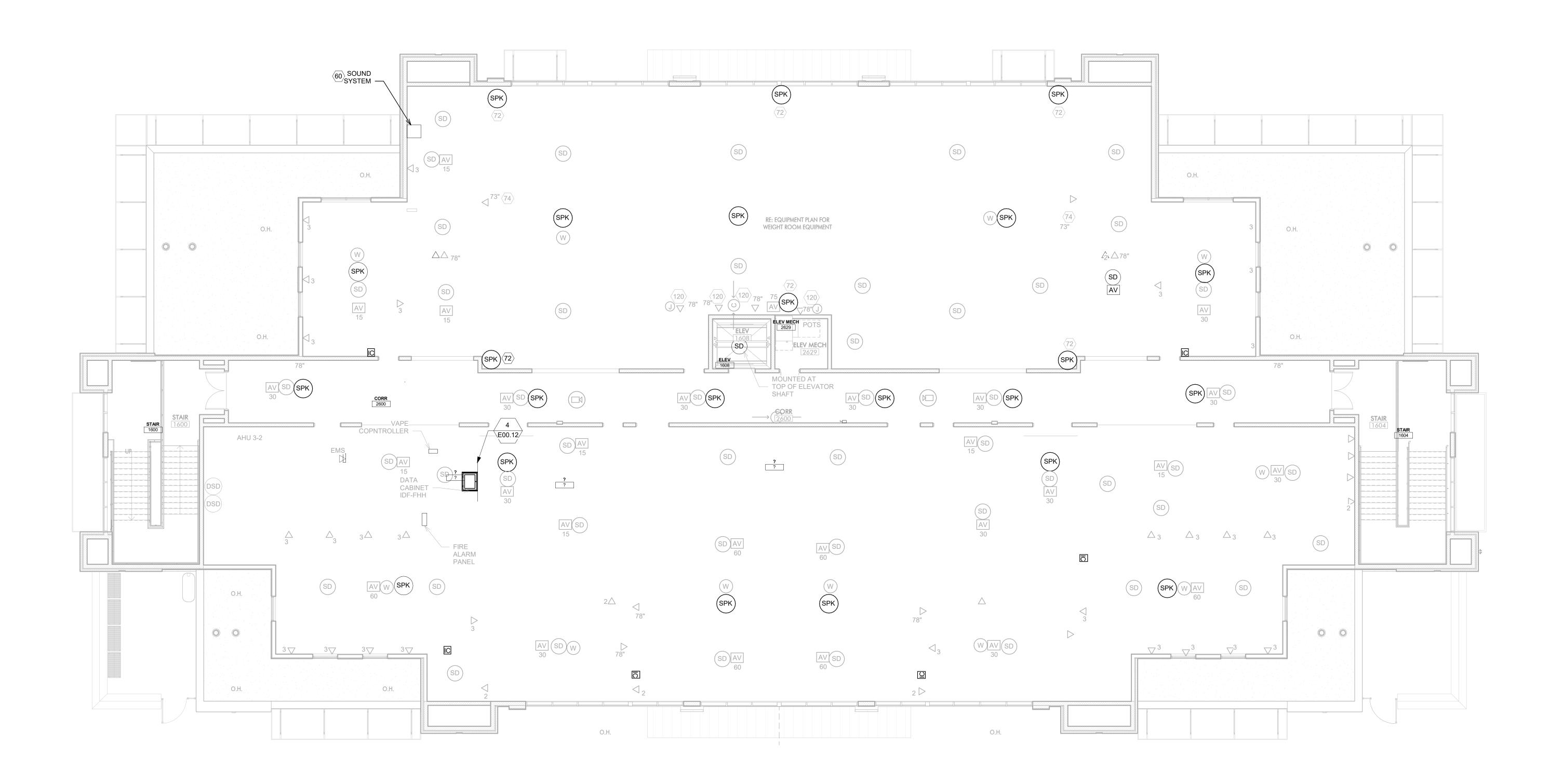
C20-0058

RHH project # DA project # 2022-02-09

director review

1ST FLOOR FIELDHOUSE SPECIAL

1ST FLOOR FIELDHOUSE SPECIAL
SYSTEMS PLAN FIO
1/8" = 1'-0"



2ND FLOOR FIELDHOUSE SPECIAL 1 SYSTEMS PLAN ALT NO.1 FIO 1/8" = 1'-0"

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- 2. 'J' HOOK ROUTING PATH FROM EACH INDIVIDUAL INTERCOM/CLOCK DEVICE (I.E. CALL
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- 4. 1/2" CONDUIT WALL PENETRATION AND SINGLE GANG JUNCTION BOX FLUSH WITH THE EXTERIOR FINISHED SURFACE FOR EACH OUTDOOR SPEAKER LOCATION. CONDUIT WILL BE ROUTED TO THE CLOSEST ABOVE CEILING SPACE.

WORK THIS DWG WITH CONSTRUCTION NOTES  $\langle 2 \rangle \langle 3 \rangle \langle 10 \rangle \langle 12 \rangle \langle 18 \rangle \langle 20 \rangle$ **ENTIRE DWG**  $\langle 27 \rangle \langle 34 \rangle \langle 39 \rangle \langle 125 \rangle \langle 127 \rangle$ 

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RHH project #

DA project # 2022-02-09

director review

2ND FLOOR FIELDHOUSE SPECIAL

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A SINGLE GANG JUNCTION BOX AT EACH CALL STATION BUTTON LOCATION INCLUDING A 1/2" EMPTY CONDUIT WITH PULL STRING FROM THE JUNCTION BOX

2. 'J' HOOK ROUTING PATH FROM EACH INDIVIDUAL INTERCOM/CLOCK DEVICE (I.E. CALL BUTTON, SPEAKER, CLOCK, ETC.) TO THE DATA IDF ROOM LOCATION.

3. SHORT CONDUITS THROUGH WALLS AS NECESSARY TO ENSURE A COMPLETE

CONDUIT WILL BE ROUTED TO THE CLOSEST ABOVE CEILING SPACE.

4. 1/2" CONDUIT WALL PENETRATION AND SINGLE GANG JUNCTION BOX FLUSH WITH

WORK THIS DWG WITH CONSTRUCTION NOTES

THE EXTERIOR FINISHED SURFACE FOR EACH OUTDOOR SPEAKER LOCATION.

CONTROL SYSTEM, ETC. NECESSARY FOR A COMPLETE AND OPERATIONAL

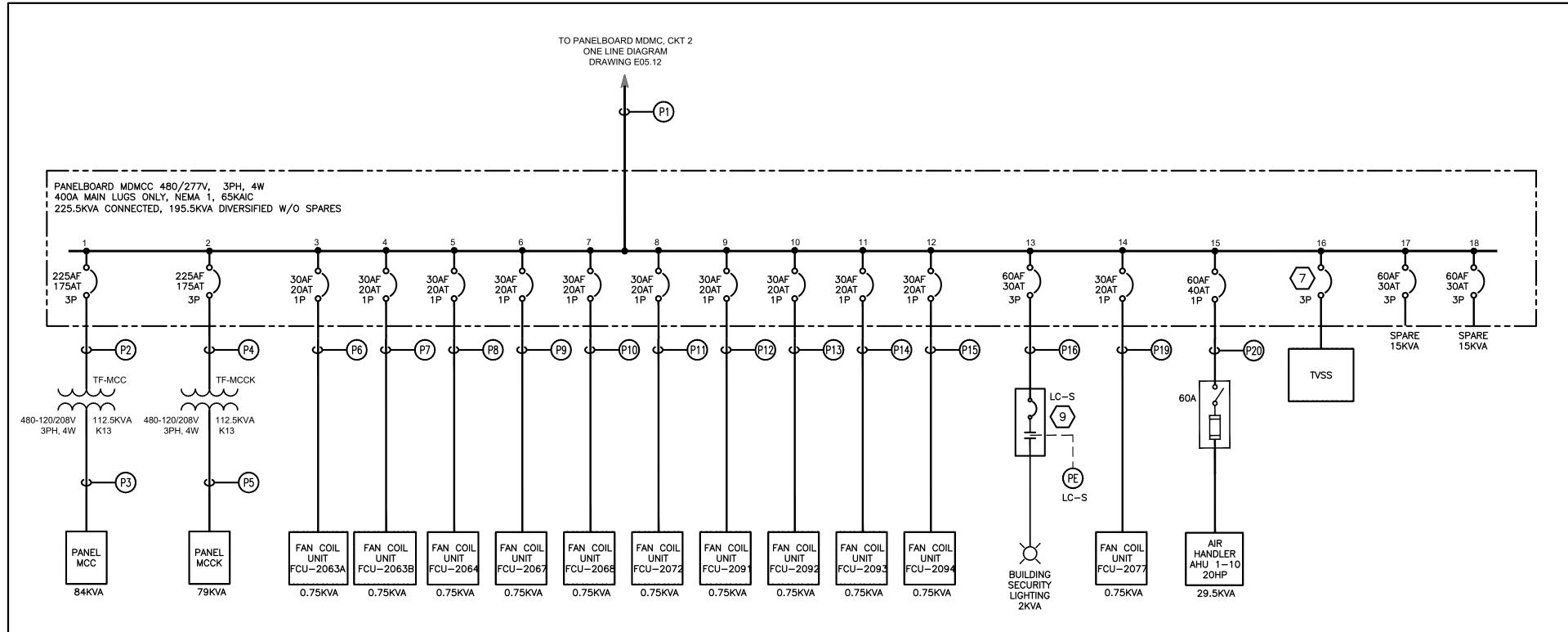
TO THE SPACE ABOVE THE ACCESSIBLE SUSPENDED CEILING.

INFRASTRUCTURE PATH IS PROVIDED.

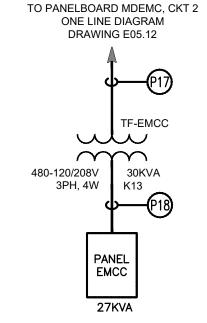
RHH project # DA project # 2022-02-09

director review

AG & ROTC FIO



# 1 2ND FLOOR MEDIA CENTER NORMAL ONE LINE DIAGRAM

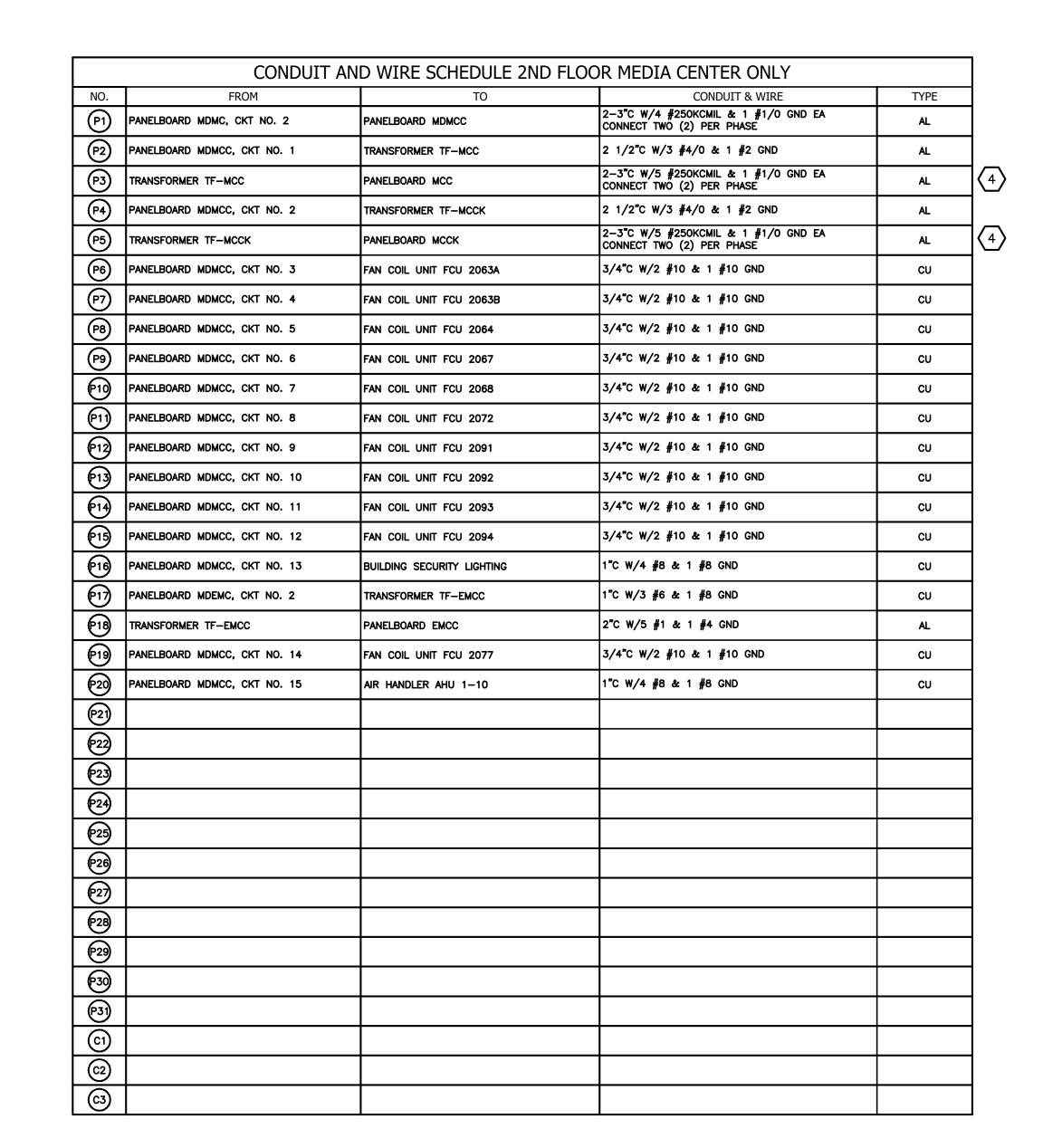


# 2 2ND FLOOR MEDIA CENTER EMERGENCY ONE LINE DIAGRAM

DIRECTORY	WATTS LOAD	CKT. NO. BKR. AMPS CONDUCTOR	CONDUIT	L1 L2	L3   -( 	CONDUIT INCHES	CONDUCTOR 2TY. & SIZE	3KR. AMPS	XT. NO.	WA1	TS LOAD	.3	D	IRECTORY
LIGHTING		1 20 3# 1				1/2	3# 10	30	2	1200 8			RECEPTAC	IFS DATA
LIGHTING	1584	3 20 3# 1	2 1/2		$\equiv \equiv$	1/2	3# 10	20	4	1777	1200	$\mathscr{W}$	RECEPTAC RECEPTAC	I FS
LIGHTING	792	5 20 3# 1	1/2			1/2	3# 10	20	6	<i>////</i> //	1//// 12	001	RECEPTAC	LES
LIGHTING	726	7   20   3# 1	2 1/2		<u> </u>	1/2	3# 10	20	8	1200			RECEPTAC RECEPTAC	LES
LIGHTING	990	9 20 3# 1	2 1/2	-	<del>-</del> -	1/2	3 <b>#</b> 10	20	10		1200		RECEPTAC	LES
LIGHTING	////////// 882	11 20 3# 1	2 1/2	(		1/2	3# 10	20	12		///// 12	00	RECEPTAC	LES
LIGHTING	1232 ///////////////////////////////////	13 20 3# 1	2 1/2	-^+	<u>+</u> ^-	1/2	3# 10	20	14	1200			RECEPTAC	LES
LIGHTING	1200	15 20 3# 1	2 1/2	<del>++</del>	#=	1/2	3# 10	20	16		1200		RECEPTAC	LES
LIGHTING	1200	17 20 3# 1	2 1/2	<del>-                                    </del>	+	1/2	3# 10	20	18		12	00	RECEPTAC	LES
LIGHTING LIGHTING	1200 ///// 1200 /////	1 19   20   3# 1	2 1/2	<del>  _                                   </del>	#(-)-	1/2	5# 10	20	20	1200	<u>/////////////////////////////////////</u>	$/\!/\!\!A$	RECEPTAC RECEPTAC RECEPTAC RECEPTAC RECEPTAC RECEPTAC RECEPTAC	LES
LIGHTING	V//// 1200 V/////	27 20 3# 1	2 1/2 2 1/2		+	1/2	3# 10	20	22		7//// 12	<u>///</u>	RECEPTAC	LES
ENERGY MANAGEMENT PANEL EMS	1200	25 20 3# 1	1/2		<del>* -</del>	1/2	3# 10	20	26	1200		****	RECEPTAC	LES LES DATA
SPARE	1200	27 20 5# 1	<del>/                                     </del>			1/2	J# 10	20	28	7777	1200	$\mathscr{H}$	RECEPTAC RECEPTAC SPARE	LES DAIA
SPARE	1200	29 20			<del>I</del> ~_			20	30		1//// 12	001	SPARE	
SPACE		31			<u> </u>				32				SPACE	
SPACE		33			<del>-</del>				34				SPACE	
SPACE		35		<u>-                                    </u>	<b>→</b> ~_				36				SPACE	
SPACE		37		- +					38				SPACE	
SPACE		39		<del>-^+</del>	+≏-			-	40	<del>• • • • • •</del>			SPACE	
SPACE	<u> </u>	41			<u> </u>				42			_	SPACE	
SUB-TOTAL:	5,238 6,174 5,274				<b>–</b> N					6,000	6,000 6,0	000		
VOLTAGE: 120/208	3 PH. 4W SN	MAIN BU	S: 225	δA		TOTAL	WATTS	; L1		•	11,238		PANEL	
MAIN BREAKER: -	A. FRAME: 225A	A. TR	IP: 150	)A		TOTAL	WATTS	; L2	2		12,174		NO.	EMCC
MOUNTING: SURFACE						TOTAL	WATTS	; L3	5		11,274		1	
MIN 22K AIC						TOTAL	WATTS	<u>.                                    </u>			34,686		LOC.	ROOM 2097
	LOADS			T		LOAD	CAL	CLII	ATIC	MC			INTERRUR	TIMO CALCULATIONS
LIGHTING	13,086 VA @ 10	n0%— 13.08	6 V/A			LOAD		CUL	AIIC	<u>UNO</u>				TING CALCULATIONS
HVAC				20,000									ME INF. S SFORMER=	OURCE AND
	0 LESS C		VA			•					A		ME Z = 1	
RECEPTACLE & MISC	16800 VA @ *	= 1340	O VA	81 FL/	4x125%	=101	A=15	0 <u>A (</u>	<u>CKT</u>	. BKR	· 30	OKVA	<b>0</b> 120/	208V, $3PH$ , $4W = 83A$
SPARE	4,800 VA @ 50	% = 2,40	AV C								10	00_	X 83 = 5	5 533AIC
	34,686 VA	28,88	6 VA								1.	.5	, 00	0,000ni0
	CONNECTED	DERAT	ED									∴ ι	JSE <u>22KAI</u>	C EQUIPMENT.
	LOAD	LO	AD	* FIRST 10	KVA @	100%	REMA	INDI	FR A	AT 50%				

		1 1						ī		1	
DIRECTORY	WATTS LOAD 으로 HONG HONG HONG HONG HONG HONG HONG HONG	BKR. AMPS CONDUCTOR QTY. & SIZE	CONDUIT INCHES	L1 L2 L3 Y Y Y (—(—(	CONDUIT	CONDUCTOR QTY. & SIZE	BKR. AMPS	WA	TTS LOAD		DIRECTORY
	L1 L2 L3 ち	[품] 8등	8≱	1 1 1	8≌	88		<del>Б</del> Г1	L2 L3		
RANGE	3500 ///////////////////////////////////	60 3# 6	1	T+ T	- 1	3# 6	60	2 3500		COOKTOP	
DANIOE.	3500 //// 3	1# 8G	4		- ,	1# 8G		4 ////	3500	1 0001/700	
RANGE	3500 3500 5 3500 7	60 3# 6 1# 8G	1	<del>*                                     </del>	<del>-  '</del>	3# 6 1# 8G	60	8 3500	3500	COOKTOP	
RANGE	3500 /// 9	60 3# 6	1	T	<del>-</del>   1	3# 6	60	10	3500	СООКТОР	
	3500 11	1# 8G		<u>-</u> >		1# 8G		12 /////	3500		
RANGE	3500 // 9 3500 // 13 3500 // 13 3500 // 15 3500 // 19 3500 // 21 3500 // 25 3500 // 25	60 3# 6	1	-T <del>•   T</del>	_ 1	3# 6	60	14 3500	3500 3500	COOKTOP	
RANGE	7//// 3500 ///// 15	1# 8G	1		+ -	1# 8G	60	16	3500 ////	A COOKTOR	
RANGE	3500 ///// 19	1# 8G	1 1	<del>                                      </del>	_ '	1# 8G	00	20 3500	3500 3500	COURTUR	
RANGE	3500 //// 21	1 60 3# 6	1	T	1	3# 6	60	22 /////	3500	СООКТОР	1
	3500 23	1# 8G		<u> </u>	_	1# 8G		24 /////	3500 3500 3500	]	
RANGE	3500 ////// 25	60 3# 6	1	<del>-T+++</del> T	_ 1	3# 6	60	26 3500		COOKTOP	)
RANGE	3500 7/// 27	1# 8G	1		-  .	1# 8G	60	28 ////	3500 /////	A COOKTOR	
RANGE	3500	/ 00   3# 0 I 1# 8G	<u>'</u>	<del>\                                    </del>	_ 1	1# 8G	00	32 3500	///////////////////////////////////////	1 COOKTOP	•
HOOD	3500 //// 3500 29 3500 ///// 31 1200 /// 33	3 20 3# 10	1/2		1/2	3# 10	20	34 /////	1200	HOOD	
HOOD	1200 //// 1200 35 1200 ///// 37 /// 1200 /// 39	20 3# 10	1/2		<b>-</b>   1/2	3# 10	20	36 <i>[/////</i> /	////// 1200	HOOD	
HOOD	1200 ///////////////////////////////////	20 3# 10	1/2	<del></del>	<b>-</b> 1/2	3# 10	20	38 1200		HOOD	
HOOD	1200 /// 39	20 3# 10	1/2		-			40 ////	1200	SPARE	
HOOD	1200 41	1   20  3# 10	1/2	- '			_		1200	_	
SUB-TOTAL:	22,20019,90019,900			N				22,200	19,90019,90	9	
VOLTAGE: 120/208	3 PH. 4W SN	MAIN BUS	: 400	A	TOTAL	WATTS	; L1		44,400	_ PANEL	$M \cap \cap I$
MAIN BREAKER: -	A. FRAME: 400A	A. TRIP	: 400	A	TOTAL	WATTS	; L2		39,800	NO.	MCCK
MOUNTING: SURFACE					TOTAL	WATTS	; L3		39,800	1	50011 0007
MIN 22K AIC					TOTAL	WATTS			124,000	LOC.	ROOM 2097
	<u>LOADS</u>			•	LOAD	CALC	CULA	TIONS		INTERRU	PTING CALCULATIONS
LIGHTING	0 VA @ 100%	S= 0	VA	78,800 VA =	'-				ASS	<u> </u>	SOURCE AND
HVAC	0 LESS CU	0	VA	VA 79KVA @ 120/208V, 3PH=219FLA TRANSFORMER= 112.5KVA							
RECEPTACLE & MISC		72800		219 FLAx125	•					SUME Z = 2.5KVA @ 1	1.5% 120/208V, 3PH, 4W = 313A
SPARE	12,000 VA @ 50%	= 6,000	VA								·
	124,000 VA		$\frac{1.5}{1.5} \times 313 = 20,86$ AIC			= 20,867AIC					
	CONNECTED		DERATED .: USE 22KAIC EQUIPMENT		AIC EQUIPMENT.						
	LOAD		LOAD * FIRST 10KVA @ 100%, REMAINDER AT 50%								

DIRECTORY  WATTS LOAD  U  U  U  U  U  U  U  U  U  U  U  U  U	DIRECTORY  WATTS LOAD  L1   L2   L3   Sign of	DIRECTORY  WATTS LOAD  L1 L2 L3 VS MAN CL ON DIRECTORY
EMERGENCY LIGHTING 500 /// 1 20 3# 12 1/2 - 1/2 3# 10 20 2 1200 /// RECEPTACLES  EMERGENCY LIGHTING 500 // 3 20 3# 12 1/2 - 1/2 3# 10 20 4 // 1200 // RECEPTACLES  LIGHTING 780 5 20 3# 12 1/2 - 1/2 3# 10 20 6 // 1200 RECEPTACLES  LIGHTING 676 7 20 3# 12 1/2 - 1/2 3# 10 20 8 1200 // RECEPTACLES  LIGHTING 676 7 20 3# 12 1/2 - 1/2 3# 10 20 8 1200 // RECEPTACLES	RECEPTACLES 1200	RECEPTACLES 1200
LIGHTING 936 9 20 3# 12 1/2 - 1/2 3# 10 20 10 RECEPTACLES  LIGHTING 1040 13 20 3# 12 1/2 - 1/2 3# 10 20 12 12 12 12 12 12 12 12 12 12 12 12 12	RECEPTACLES 1200	RECEPTACLES   1200   91   20   3#   10   1/2     1/2   3#   10   20   92   1200   RECEPTACLES    RECEPTACLES   1200   93   20   3#   10   1/2     1/2   3#   10   20   94     1200   RECEPTACLES    RECEPTACLES   1200   95   20   3#   10   1/2     1/2   3#   10   20   96     RECEPTACLES    RECEPTACLES   1200   97   20   3#   10   1/2     1/2   3#   10   20   98   1200   RECEPTACLES    RECEPTACLES   1200   99   20   3#   10   1/2     1/2   3#   10   20   98   1200   RECEPTACLES    RECEPTACLES   1200   99   20   3#   10   1/2     1/2   3#   10   20   100   RECEPTACLES
LIGHTING    15   20   3#   12   1/2	RECEPTACLES	RECEPTACLES   1200   101   20 3# 10   1/2
L1   L2   L3   S   S   S   S   S   S   S   S   S	RECEPTACLES   1200	AIR HANDLER AHU 1-10 CONTROLS 1200 /// 109 20 3# 10 1/2
RECEPTACLE   1200   33   20 3# 10   1/2     1/2   3# 10   20   34     1200   RECEPTACLES   RECEPTACLE   1200   35   20 3# 10   1/2     1/2   3# 10   20   36     1200   RECEPTACLES   RECEPTACLE   1200   37   20 3# 10   1/2     1/2   3# 10   20   38   1200   RECEPTACLES   RECEPTACLE   1200   39   20 3# 10   1/2     1/2   3# 10   20   40   1200   RECEPTACLES   RECEPTACLE   1200   41   20 3# 10   1/2     1/2   3# 10   20   42   42   42   42   42   42   4	RECEPTACLES    1200   75   20   3#   10   1/2	SPARE     1200 /// 115 20       SPARE     1200 /// 117 20       SPARE     1200 // 117 20       SPARE     1200 // 1200 // 1200       SPARE     1200 // 1200 // 1200       SPARE     1200 // 121 20       SPARE     1200 // 123 20       SPARE     1200 // 12
SUB-TOTAL: 6,544 6,882 7,140 N 8,400 8,400 8,400	SUB-TOTAL:         8,400   8,400   8,400           B,400	SUB-TOTAL: 8,400 8,400 8,400 9,700 9,700
+ FIDOT 40/4/4 G 400W DEMANUDED AT 50W	MOUNTING:         SURFACE         TOTAL WATTS; L3         50,440         LOC.         ROOM 2097           MIN 22K AIC         TOTAL WATTS         149,166         LOC.         ROOM 2097	
* FIRST 10KVA @ 100%, REMAINDER AT 50%	LIGHTING	3A
	LOAD LOAD  * FIRST 10KVA © 100%, REMAINDER AT 50%	

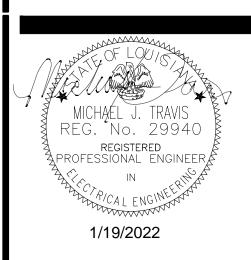


ARCHITECTS

A JOINT VENTURE

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HOOL PUBL

PRAIRIEVILLE HIGH SCHO

PRAIRIEVILLE HIGH SCHO

PACKAGE 1

APSB PROJECT NO: 6420601-101

SEALED BID NO: SB-10875

40070 PARKER ROAD

PRAIRIEVILLE HIGH SCHOOL

APSB PROJECT NO: 6420601-101

SEALED BID NO: SB-10875

40070 PARKER ROAD

visions

No. Description Date

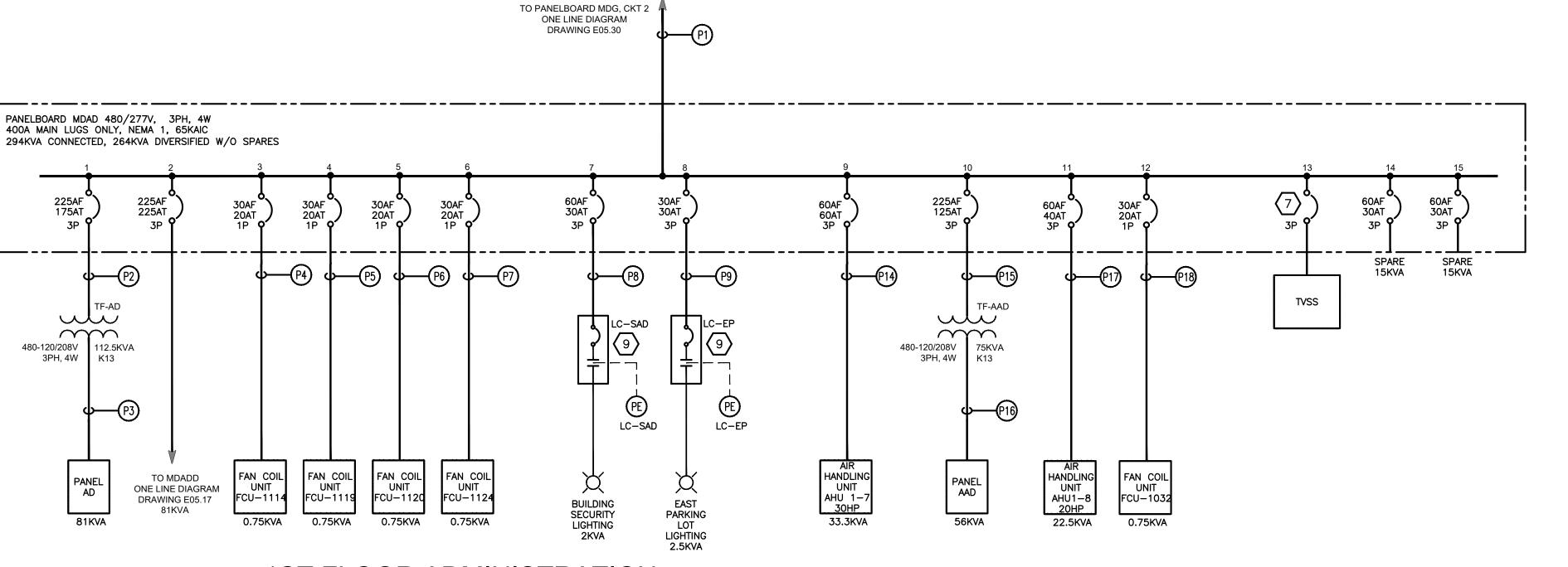
RHH project # 66-17-20
DA project # C20-0058

date 2021-05-13

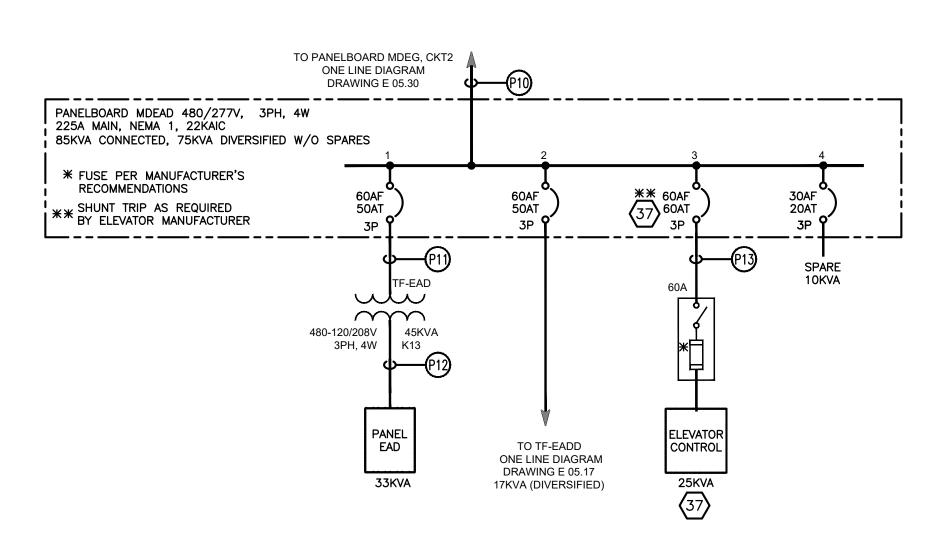
date 2021-05-13
director review

MEDIA CENTER / 2ND FL ONE-LINE / PNL SCHEDULE

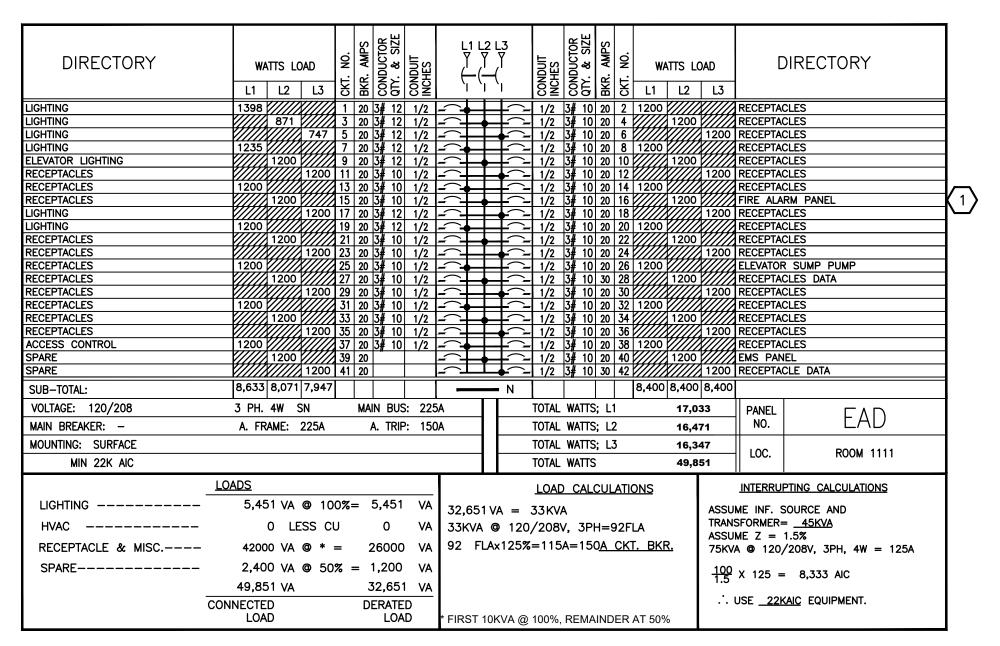
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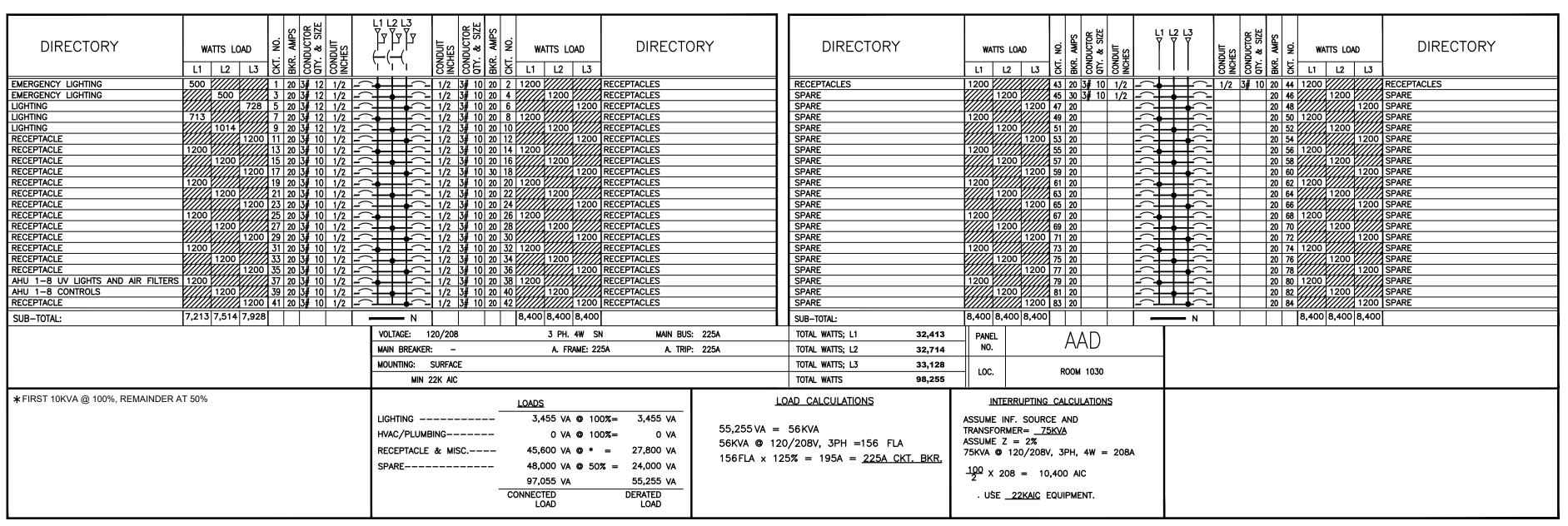


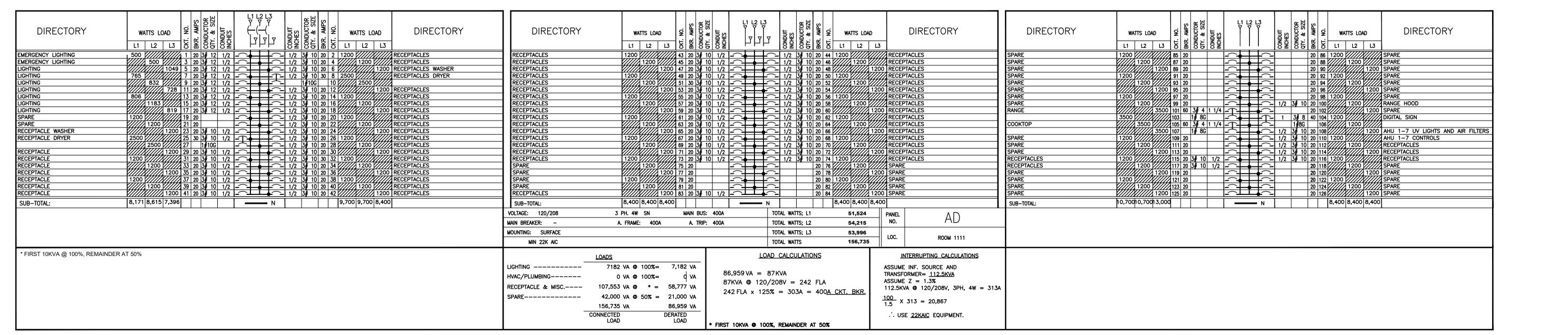
### 1 1ST FLOOR ADMINISTRATION NORMAL ONE LINE DIAGRAM



# 2 1ST FLOOR ADMINISTRATION EMERGENCY ONE LINE DIAGRAM







RHH ARCHITECTS, APAC 200 government st / ste 100 baton rouge, la 70802 225.383.0002 / rhharchitects.com

TYPE

CU

CU

CU

AL

CU

CU

AL

CU

CU

CONDUIT AND WIRE SCHEDULE 1ST FLOOR ADMINISTRATION ONLY

PANELBOARD MDAD

TRANSFORMER TF-AD

FAN COIL UNIT FCU-1114

FAN COIL UNIT FCU-1119

FAN COIL UNIT FCU-1120

FAN COIL UNIT FCU-1124

BUILDING SECURITY LIGHTING

EAST PARKING LOT LIGHTING

AIR HANDLER UNIT AHU 1-7

AIR HANDLER UNIT AHU 1-8

FAN COIL UNIT FCU-1032

TRANSFORMER TF-AAD

PANELBOARD AAD

PANELBOARD MDEAD

PANELBOARD EAD

ELEVATOR

TRANSFORMER TF-EAD

PANELBOARD AD

PANELBOARD MDG, CKT NO. 2

PANELBOARD MDAD, CKT NO. 1

PANELBOARD MDAD, CKT NO. 3

PANELBOARD MDAD, CKT NO. 4

PANELBOARD MDAD, CKT NO. 5

PANELBOARD MDAD, CKT NO. 6

PANELBOARD MDAD, CKT NO. 6

PANELBOARD MDFA, CKT NO. 7

PANELBOARD MDEG, CKT NO. 2

PANELBOARD MDEAD, CKT NO. 1

PANELBOARD MDEAD, CKT NO. 3

PANELBOARD MDAD, CKT NO. 9

PANELBOARD MDAD, CKT NO. 10

PANELBOARD MDAD, CKT NO. 11

PANELBOARD MDAD, CKT NO. 12

TRANSFORMER TF-EAD

TRANSFORMER TF-AAD

P25

P26

670

TRANSFORMER TF-AD

3-3"C W/4 #250KCMIL & 1 #1/0 GND EA CONNECT THREE (3) PER PHASE

2-3"C W/5 #250KCMIL & 1 #1/0 GND EA

1/2°C W/3 #4/0 & 1 #2 GND

CONNECT TWO (2) PER PHASE

3/4"C W/2 #10 & 1 #10 GND

3/4"C W/2 #10 & 1 #10 GND

3/4°C W/2 #10 & 1 #10 GND

3/4"C W/2 #10 & 1 #10 GND

1/4"C W/4 #6 & 1 #8 GND

1/2°C W/4 #3/0 & 1 #4 GND

2 1/2°C W/5 #3/0 & 1 #4 GND

1/4"C W/4 #4 & 1 #8 GND

1/4"C W/4 #4 & 1 #8 GND

3 1/2"C W/5 #300KCMIL & 1 #1/0 GND

2"C W/3 #3/0 & 1 #4 GND

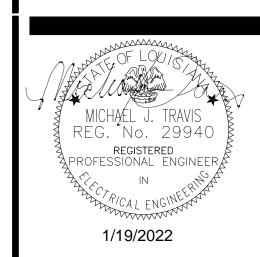
1"C W/4 #8 & 1 #8 GND

3/4"C W/2 #10 & 1 #10 GND

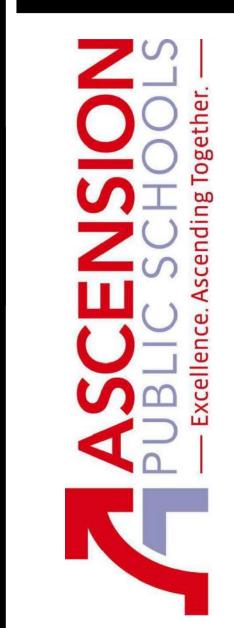
"C W/4 #8 & 1 #8 GND

1"C W/3 #6 & 1 #8 GND

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PRAIRIEVILLE
PRAIRIEVILLE
PACKAGE 1

APSB PROJECT NO: 6420601-16
SEALED BID NO: SB-10875

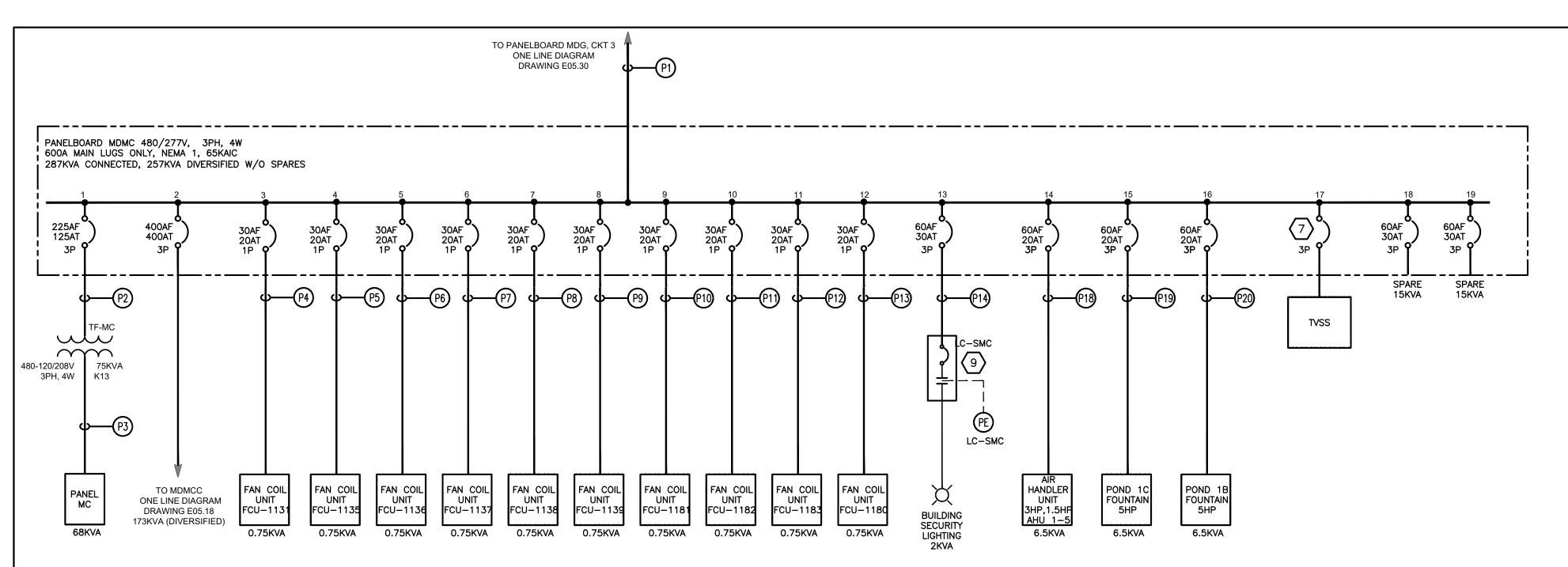
66-17-20 RHH project #

C20-0058 DA project #

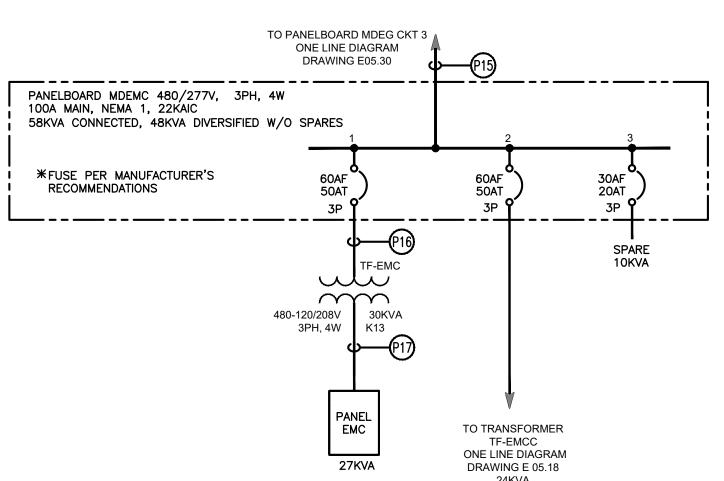
2021-05-13

director review

ADMINISTRATION / 1ST FL ONE-LINE / PNL SCHEDULE

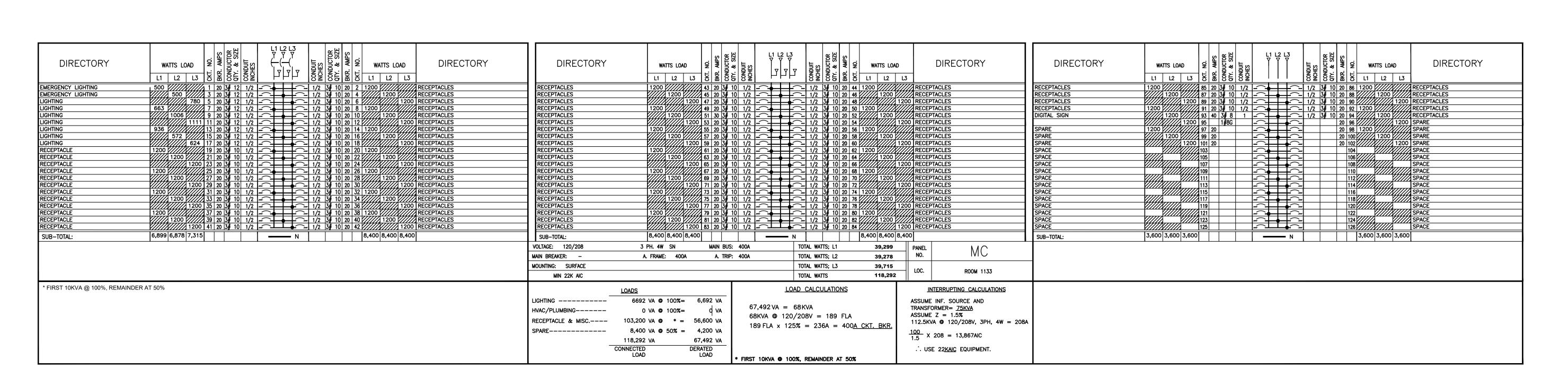


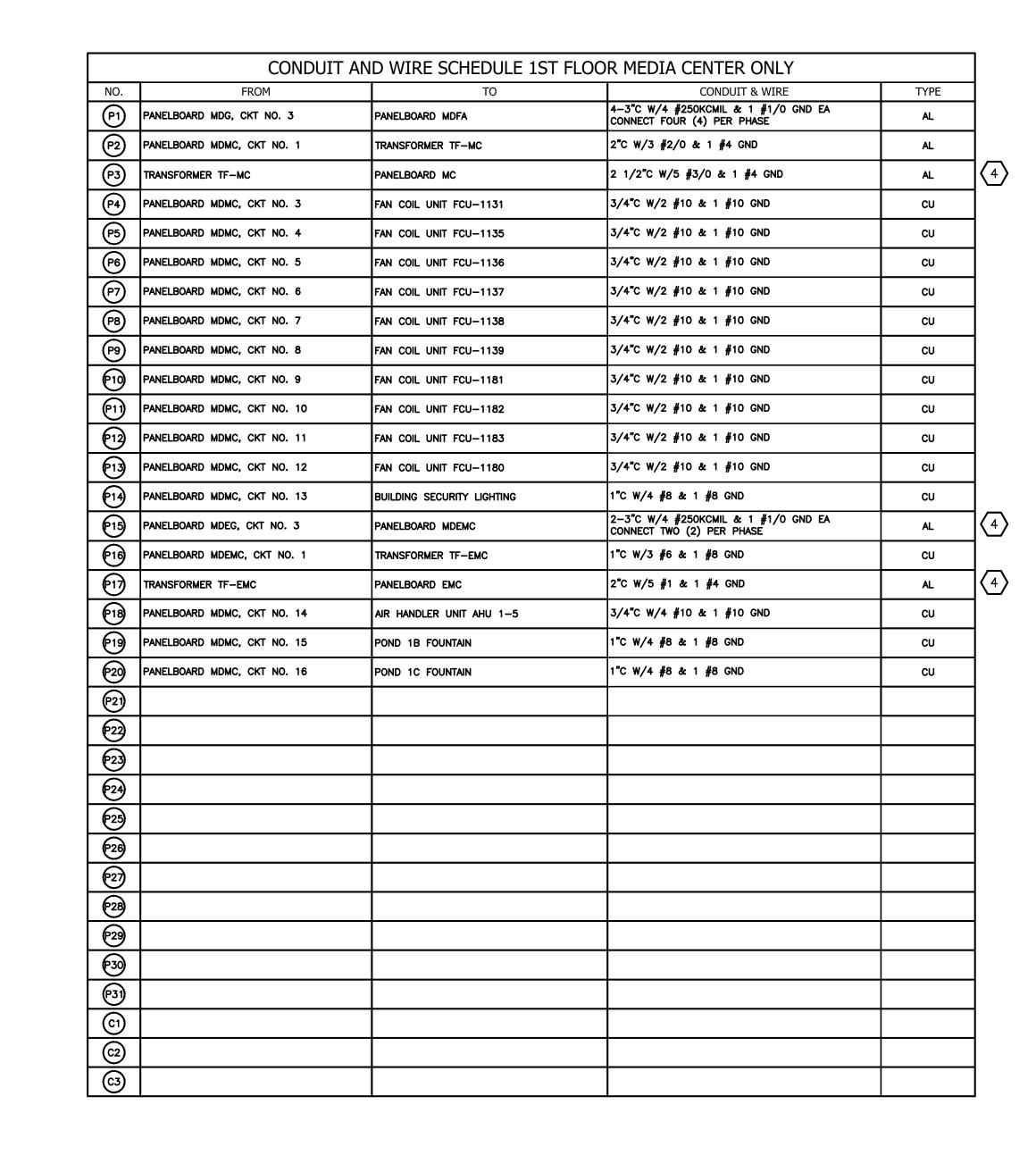
# 1 1ST FLOOR MEDIA CENTER NORMAL ONE LINE DIAGRAM



# 2 1ST FLOOR MEDIA CENTER EMERGENCY ONE LINE DIAGRAM

DIRECTORY	WATTS LOAD	CKT. NO. BKR. AMPS CONDUCTOR QTY. & SIZE CONDUIT	CHES	L1 L2	L3     	CONDUIT	CONDUCTOR QTY. & SIZE	BKR. AMPS CKT. NO.	<u> v</u>	/ATTS L		[	DIRECTORY
	L1 L2 L3		<u> </u>	1 1	J	੪≥	<u>୪ଟା</u>	<b>面</b> しさ	<u> L1</u>		L3		
LIGHTING	1078	1 20 3# 12 1,		`♦	+^-	1/2	3# 10	30 2	1200		X////	RECEPTA	CLE DATA
LIGHTING	1202 //// 1056 1200 //// 1200	3 20 3# 12 1	/2	<u>`</u>	+^-	1/2	3# 10 3# 10	30 4	<i>\\\\\</i>	1200	<i>\\\\\\</i>	RECEPTA	CLE DATA CLES
LIGHTING	1056	5 20 3# 12 1	/2	<del>}  </del>	<del>+</del>	1/2	3# 10	20 6		//////	1200	RECEPTA	CLES
SPARE	1200 ///////////////////////////////////	7 20	=	<u></u>	#==	1/2	3# 10	20   8	1200		<i>\\\\\</i>	RECEPTA RECEPTA	CLES
SPARE	1200 ////	9 20	<del>-</del>	<del>`</del>	#;;	1/2	3# 10 7# 40	20 10	<i>\\\\\\</i>	1200	11000	RECEPIA	CLES
SPARE SPARE	1200	17 00	<del>-</del>	<del>.</del>	<del>* -</del>	1/2	3# 10	20 12	1200	<del>(/////</del>	11200	RECEPTA	CLES
SPARE	1200	15 20	+-	~ <del>*</del>	<del>+ -</del>	1/2	3# 10 3# 10	20 14	1////	1200	<del>\////</del>	RECEPTA RECEPTA	CLES
SPARE	1200	17 20	+=	<u> </u>		1/2	3# 10 3# 10	20 10		17////	1200	RECEPTA	CLES CLES
SPARE	1200	19 20	12	$\overline{}$	ΙŒ	1/2	3# 10	20 20	1200			FMS PAN	NFI
ACCESS CONTROL	1200 //// 1200 //// 1200	21 20 3# 10 1	/2 _	$\neg \bot$		1/2	3# 10	20 22	1111	1200	<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>	INTERCO	NEL M SYSTEM
SPARE	1200	23		$\neg \bot \bot$		1/2	3# 10	20 24		XIIII	1200	SECURIT	Y SYSTEM
SPACE		25	7_	~ <b>↓</b>	<u> </u>	-,-	,	26	3	<i>\////</i>		SPACE	
SPACE		27		$\neg \Box$	1~			28	3////		<b>/////</b>	SPACE	
SPACE		29		$\overline{}$	<u> </u>					//////		SPACE	
		31		<u> </u>	('			32		<i>\\\\\\</i>	X/////		
		33		<u> </u>	+				· ////	<b>4</b>			
		35		<del>]    </del>	<del>+</del>			36		24///	<b>,,,,,,</b>		
		37		<u></u> ++	#==			38		<i>XIIII</i>	<i>X/////</i>	1	
		39 41	+	<del>`</del> †	#==			40		him	<i>}/////</i>	1	
	V///////	41	+		<u> </u>			42		<u>//////</u>	1		
SUB-TOTAL:	4,678 4,802 4,656				<b>-</b> N				4,80	4,800	4,800		
VOLTAGE: 120/208	3 PH. 4W SN	MAIN BUS:	100A			TOTAL	WATTS;	L1		9,47	'8	PANEL	
MAIN BREAKER: -	A. FRAME: 100A	A. TRIP:	100A			TOTAL	WATTS;	L2		9,60	)2	NO.	EMC
MOUNTING: SURFACE						TOTAL	WATTS;	L3		9,45	6	1	
MIN 22K AIC						TOTAL	WATTS			28,5	36	LOC.	ROOM 1133
	<u>LOADS</u>			-	-	LOAD	CALC	ULAT	IONS			INTERRU	PTING CALCULATIONS
LIGHTING	3,336 VA @ 100	0%= 3,336	<u>va</u>   ,	20 9361							ASSII	MF INF	SOURCE AND
HVAC			VA 21KVA @ 120 (208V 3PH=58FLA TRANSFORMER= <u>30KVA</u>			= <u>30KVA</u>							
RECEPTACLE & MISC	24000 VA @ * =	= 17000	VA 58 FLAx125%=73A=100 <u>A CKT. BKR.</u> ASSUME Z = 1.5% 30KVA © 120/208V, 3PH, 4W = 8										
SPARE	1,200 VA @ 50	<b>%</b> = 600	VA										5,533 AIC
	28,536 VA	20,936	VA								l '		
	CONNECTED	DERATED									∴	USE <u>22</u> 1	KAIC EQUIPMENT.
	LOAD	LOAD	* -	FIRST 10	M// @	1000/		NDEE	) AT 50	0/			







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NEW CONSTRUCTION OF
PRAIRIEVILLE HIGH SCHOOL
APSB PROJECT NO: 6420601-101

No. Description Date
PRA

PRA

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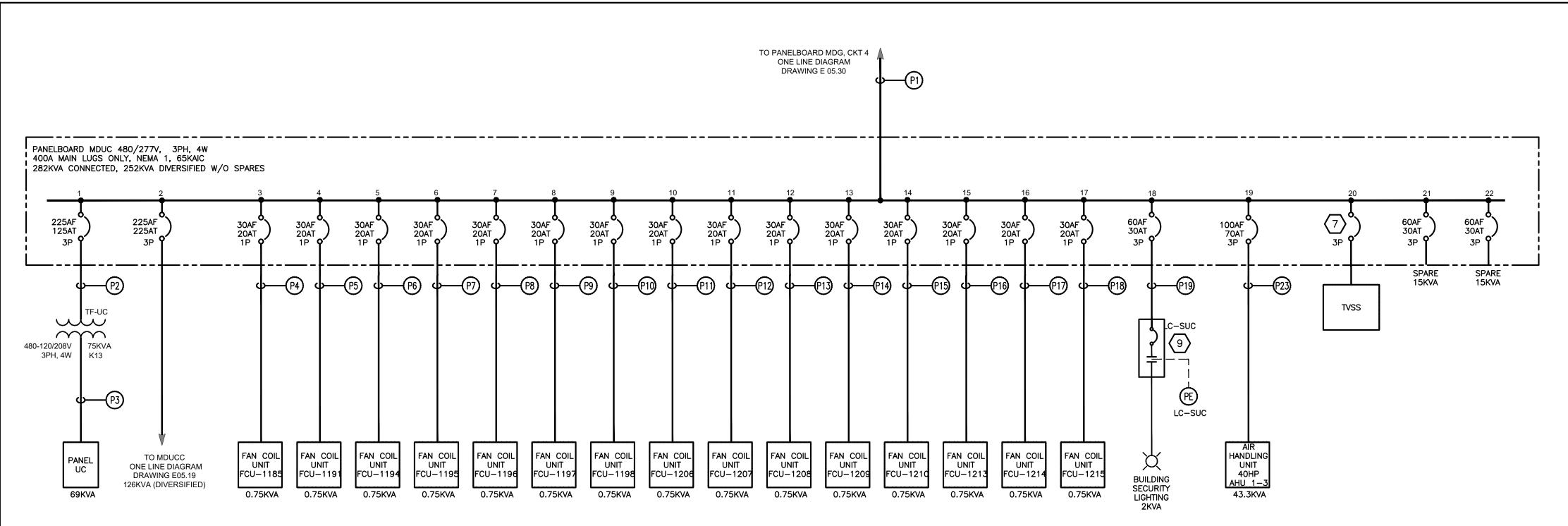
RHH project # 66-17-20
DA project # C20-0058

date 2021-05-13

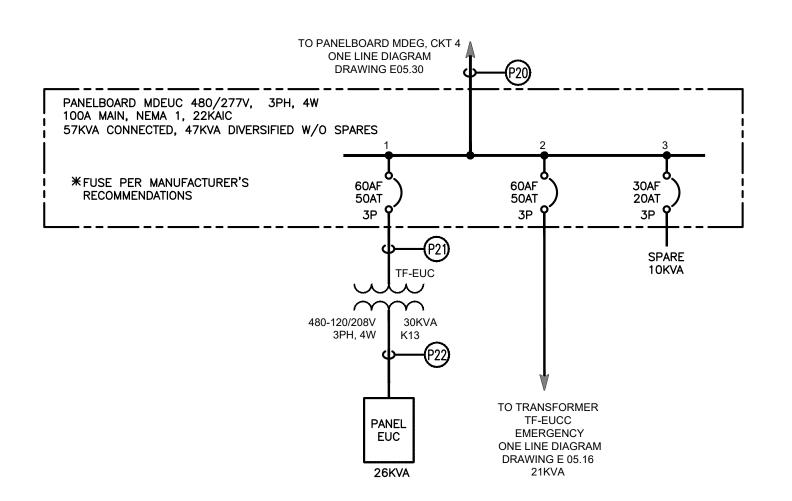
irector review

MEDIA CENTER / 1ST FL ONE-LINE / PNL SCHEDULE

05.12



### 1 1ST FLOOR UPPER CLASS NORMAL ONE LINE DIAGRAM



# 2 1ST FLOOR UPPER CLASS EMERGENCY ONE LINE DIAGRAM

										N.T.S.
DIRECTORY	WATTS LOAD	CKT. NO. BKR. AMPS CONDUCTOR QTY. & SIZE	L1 (CHES)	L2 L3 Y Y (—(	CONDUIT INCHES CONDUCTOR QTY. & SIZE	BKR. AMPS CKT. NO.	WAT	TS LOAD	C	DIRECTORY
IOUTINO	1337 ///////////////////////////////////	0 0 7 40			<u>0 ≤  0 0</u>				1 DECEDIA	21.50
Lighting Lighting	1337	1 20 3# 12	1/2		1/2 3# 10 1/2 3# 10	20 2	1200 /	200	RECEPTAC	SLES
JIGHTING JIGHTING	///////////////////////////////////////	3   20   3#   12     5   20   3#   12	1/2		1/2 3# 10 1/2 3# 10	20 4		//// 1200	PECEPTAC	DIES DATA
LIGHTING	946	7 20 3# 12	1/2 -		1/2 3# 10	20 8	1200	1200	RECEPTAC	CLES DATA
RECEPTACLES	1200	9 20 3# 10	1/2 -		1/2 3# 10	20 10	1777/1	200 /// 1200 200 ////	RECEPTAC	CLES
RECEPTACLES	1200	11 20 3# 10	1/2		1/2 3# 10	20 12	<i>/////////////////////////////////////</i>	1200	RECEPTAC	CLES
RECEPTACLES	1200	13 20 3# 10	1/2		1/2 3# 10	20 14	1200		RECEPTAC	CLES
LIGHTING	//// 1200 /////	<b>15   20  3# 12  </b>	1/2		1/2 3# 10	20 16	////// 1	200 /////	RECEPTAC	CLES
RECEPTACLES	1200	17 20 3# 10	1/2	<del>                                     </del>	1/2 3# 10	20 18		1200	RECEPTAC	CLES
RECEPTACLES	1200 ///////////////////////////////////	19 20 3# 10	1/2	+	1/2 3# 10	30 20	1200		RECEPTAG	CLES DATA
RECEPTACLES	1200	21 20 3# 10	1/2	<del>• • •</del>	1/2 3# 10	20   22	1	200 /////	EMS PAN	<u>EL                                    </u>
ACCESS CONTROL	1200	23   20   3#   10	<del>1/2</del>   <del>-                                   </del>	<del>     </del>	4 7/10	70 00	10000	1200	DAOKELO	N DDEVENTOD LIEATED
SPARE SPARE	1200	25 20	<del>-   -   -   -   -   -   -   -   -   -  </del>		1 3#6 1#8G	30   26	1200 /	200 /////	BACKFLO	W PREVENTOR HEATER
SPARE	1200	120	<del>-   -   +</del>		1#00	20 30		200 //// /// 1200	CDADE	
SPACE		31				32			SPACE	
SPACE		33				34			SPACE	
SPACE		35	<u>-</u>			36	///////		SPACE	
SPACE		37				38			SPACE	
SPACE		39		<b>◆</b> → ○ -			/////		SPACE	
SPACE	<u> </u>	41	<u> -^</u> _	<u> </u>					SPACE	
SUB-TOTAL:	5,883 6,120 6,142	2		<u> </u>			6,000 6	,000 6,000	ļ	
VOLTAGE: 120/208	3 PH. 4W SN	MAIN BUS:	100A		OTAL WATTS	S; L1		11,883	PANEL	EUC
MAIN BREAKER: -	A. FRAME: 100A	A. TRIP:	100A		OTAL WATTS	S; L2		12,120	NO.	LUU
MOUNTING: SURFACE					OTAL WATTS	S; L3		12,142	Loc.	ROOM 1189
MIN 22K AIC				-	OTAL WATTS	S		36,145		NOOM 1109
	<u>LOADS</u>				LOAD CAL	CULATIO	ONS		INTERRU	PTING CALCULATIONS
LIGHTING	4,945 VA @ 10	00%= 4,945	VA 23.74	5 VA = 2	6KVA		_	ASSU	IME INF. S	SOURCE AND
HVAC	0 LESS C	cu o			208V, 3P	H=72Fl	LA		SFORMER=	
RECEPTACLE & MISC	26400 VA @ *	= 16400		•	=90A=100				MEZ = 1 A OD 120/	1.5% /208V, 3PH, 4W = 83A
SPARE									•	
	36,145 VA	23,745						1.5	x 83 =	5,533 AIC
	CONNECTED	DERATED	<del></del>					_   ∴	USE <u>22K</u>	(AIC EQUIPMENT.
	LOAD	LOAD		10KVA @ 1				I		

DIRECTORY  EMERGENCY LIGHTING EMERGENCY LIGHTING LIGHTING LIGHTING LIGHTING LIGHTING LIGHTING LIGHTING LIGHTING	WATTS LOAD    V	DIRECTORY  RECEPTACLES RECEPTACLES RECEPTACLES RECEPTACLES RECEPTACLES RECEPTACLES RECEPTACLES RECEPTACLES RECEPTACLES	WATTS LOAD  L1  L2  L3  Sd W DONO Sign of Sign	S3HONN SSHONN SHONN SSHONN SSH	Harmonia	DIRECTORY  RECEPTACLES RECEPTACLES 0 RECEPTACLES RECEPTACLES RECEPTACLES 0 RECEPTACLES RECEPTACLES 0 RECEPTACLES	DIRECTORY  RECEPTACLES RECEPTACLES RECEPTACLES RECEPTACLES RECEPTACLES SPARE SPARE SPARE	WATTS LOAD   See   Watts   See   See   Watts   See   See	호芳	SPARE   104   1200
LIGHTING LIGHTING LIGHTING LIGHTING LIGHTING LIGHTING RECEPTACLE	L1   L2   L3   S   S   S   S   S   S   S   S   S	RECEPTACLES SPARE	1200     57   20   3# 10   1/   1200   59   20   3# 10   1/   1200   61   20   3# 10   1/   1200   63   20   3# 10   1/   1200   65   30   3# 10   1/   1200   69   20   3# 10   1/   1200   71   20   3# 10   1/   1200   73   20   3# 10   1/   1200   75   20   1/   1200   77   20   1/   1200   79   20   1/   1200   81   20   1/   1200   8,400   8,400	1/2 3# 1/2 3# 1/2 3# 1/2 3# 1/2 3# 1/2 3# 1/2 3# 1/2 3# 1/2 3# 1/2 3# 1/2 3# 1/2 3# 1/2 3# 1/2 3#	10 20 58 1200 10 20 60 11 200 10 20 62 1200 10 20 66 1200 11 20 10 20 68 1200 11 200 1	RECEPTACLES RECEPT	SPARE SPARE SPACE	1200   399   20   1200   101   20   103   105   107   109   111   113   115   117   119   121   123   125   3,600   3,600   3,600		20 100 /// 1200 /// SPARE 20 102 // 1200 SPARE 104 // SPACE 106 // SPACE 110 // SPACE 1110 // SPACE 1110 // SPACE 1110 // SPACE 1111 // SPACE 1114 // SPACE 1116 // SPACE 1118 // SPACE 1120 // SPACE 122 // SPACE 122 // SPACE 124 // SPACE 125 // SPACE 126 // SPACE 127 // SPACE 128 // SPACE 129 // SPACE 120 // SPACE 120 // SPACE 121 // SPACE 122 // SPACE 123 // SPACE
* FIRST 10KVA @ 100%, REMAINI		VOLTAGE: 120/208 3  MAIN BREAKER: —  MOUNTING: SURFACE  MIN 22K AIC  LIGHTING ————————————————————————————————————	PH. 4W SN MAIN BUS: 400, A. FRAME: 400A A. TRIP: 400,  2 VA ② 100%= 9,912 VA  0 VA ③ 100%= Q VA  0 VA ③ 100%= Q VA  0 VA ③ 50% = 10,800 VA  2 VA ⑤ 50% = 10,800 VA  D DERATED  D DERATED	A TOTAL WATTS;	L1 39,380 L2 39,100 L3 39,432 117,912 TIONS 92 FLA = 400 <u>A CKT. BKR.</u>	PANEL NO.  LOC. ROOM 1189  INTERRUPTING CALCULATIONS  ASSUME INF. SOURCE AND TRANSFORMER= 75KVA ASSUME Z = 1.5% 75KVA © 120/208V, 3PH, 4W = 208A  100 1.5 X 208 = 13,867AIC  USE 22KAIC EQUIPMENT.	JOB TOTAL			

NO.	FROM	ТО	CONDUIT & WIRE	TYPE
<u>P1</u>	PANELBOARD MDG, CKT NO. 4	PANELBOARD MDUC	4-3"C W/4 #250KCMIL & 1 #1/0 GND EA CONNECT FOUR (4) PER PHASE	AL
P2	PANELBOARD MDP, CKT NO. 1	TRANSFORMER TF-UC	2°C W/3 #2/0 & 1 #4 GND	AL
P3)	TRANSFORMER TF-UC	PANELBOARD UC	2-3"C W/5 #250KCMIL & 1 #1/0 GND EA CONNECT TWO (2) PER PHASE	AL
P4)	PANELBOARD MDUC, CKT NO. 3	FAN COIL UNIT FCU 1185	3/4°C W/2 #10 & 1 #10 GND	cu
P5)	PANELBOARD MDUC, CKT NO. 4	FAN COIL UNIT FCU 1191	3/4°C W/2 #10 & 1 #10 GND	cu
P6	PANELBOARD MDUC, CKT NO. 5	FAN COIL UNIT FCU 1194	3/4"C W/2 #10 & 1 #10 GND	cu
<b>P7</b>	PANELBOARD MDUC, CKT NO. 6	FAN COIL UNIT FCU 1195	3/4"C W/2 #10 & 1 #10 GND	cu
P8	PANELBOARD MDUC, CKT NO. 7	FAN COIL UNIT FCU 1196	3/4"C W/2 #10 & 1 #10 GND	cu
(P9)	PANELBOARD MDUC, CKT NO. 8	FAN COIL UNIT FCU 1197	3/4"C W/2 #10 & 1 #10 GND	cu
P10	PANELBOARD MDUC, CKT NO. 9	FAN COIL UNIT FCU 1198	3/4"C W/2 #10 & 1 #10 GND	cu
P1)	PANELBOARD MDUC, CKT NO. 10	FAN COIL UNIT FCU 1206	3/4"C W/2 #10 & 1 #10 GND	cu
P12	PANELBOARD MDUC, CKT NO. 11	FAN COIL UNIT FCU 1207	3/4"C W/2 #10 & 1 #10 GND	cu
P13	PANELBOARD MDUC, CKT NO. 12	FAN COIL UNIT FCU 1208	3/4"C W/2 #10 & 1 #10 GND	cu
P14)	PANELBOARD MDUC, CKT NO. 13	FAN COIL UNIT FCU 1209	3/4"C W/2 #10 & 1 #10 GND	CU
P15	PANELBOARD MDUC, CKT NO. 14	FAN COIL UNIT FCU 1210	3/4°C W/2 #10 & 1 #10 GND	CU
P16)	PANELBOARD MDUC, CKT NO. 15	FAN COIL UNIT FCU 1213	3/4°C W/2 #10 & 1 #10 GND	cu
<u>(17)</u>	PANELBOARD MDUC, CKT NO. 16	FAN COIL UNIT FCU 1214	3/4°C W/2 #10 & 1 #10 GND	cu
P18	PANELBOARD MDUC, CKT NO. 17	FAN COIL UNIT FCU 1215	3/4°C W/2 #10 & 1 #10 GND	CU
P19	PANELBOARD MDUC, CKT NO. 18	BUILDING SECURITY LIGHTING	1"C W/4 #8 & 1 #8 GND	cu
P20)	PANELBOARD MDEG, CKT NO. 4	PANELBOARD MDEUC	2"C W/4 #1 & 1 #4 GND	AL
P21)	PANELBOARD MDEUC, CKT NO. 1	TRANSFORMER TF-EUC	1"C W/3 #6 & 1 #8 GND	cu
P22	TRANSFORMER TF-EUC	PANELBOARD EUC	2°C W/5 #1 & 1 #4 GND	AL
P23	PANELBOARD MDUC, CKT NO. 19	AIR HANDLING UNIT AHU 1-3	1 1/4°C W/4 #4 & 1 #8 GND	cu
P24)				
P25				
P26)				
P27				
P28)				
P29				
<u>©</u>				
<u>©</u>				
<u>(01)</u>				1
<u>C2</u>				1
<u>C3</u>				1



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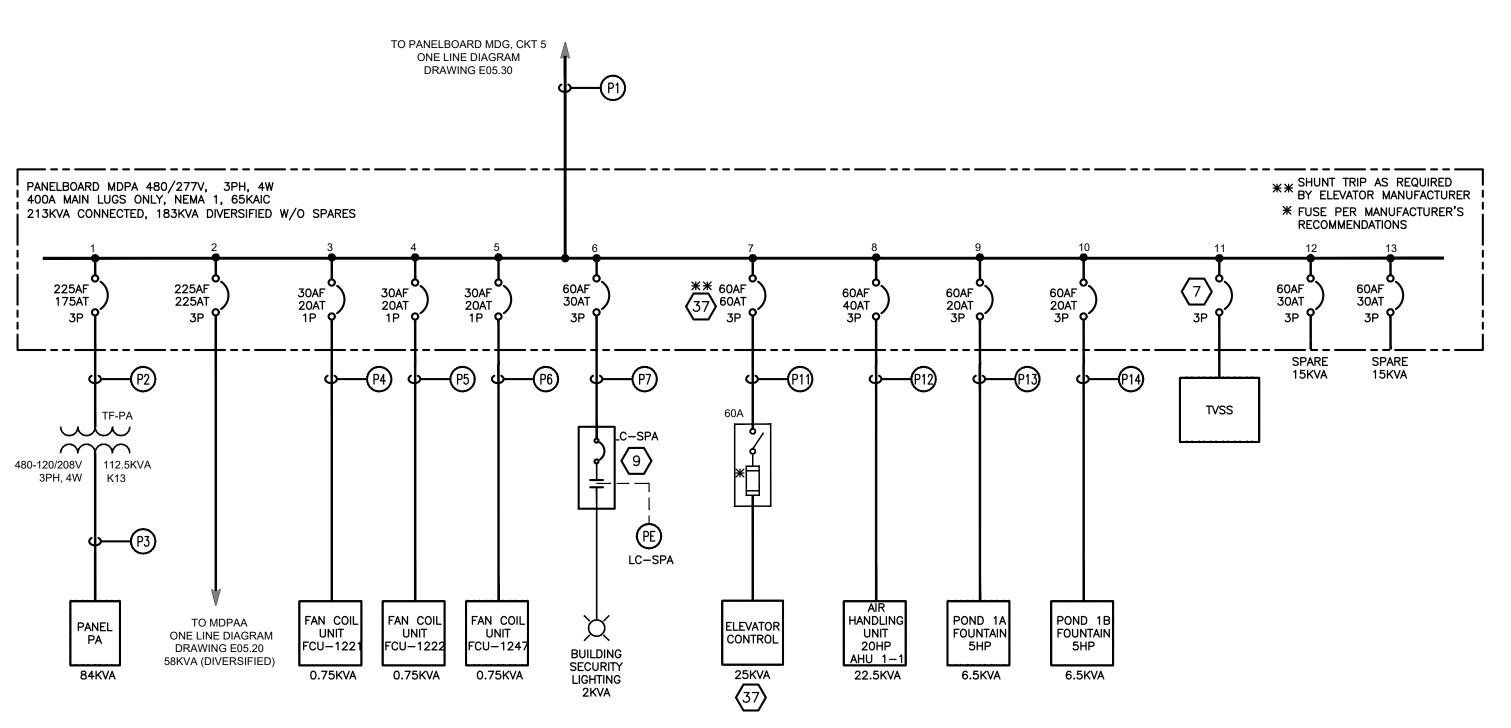


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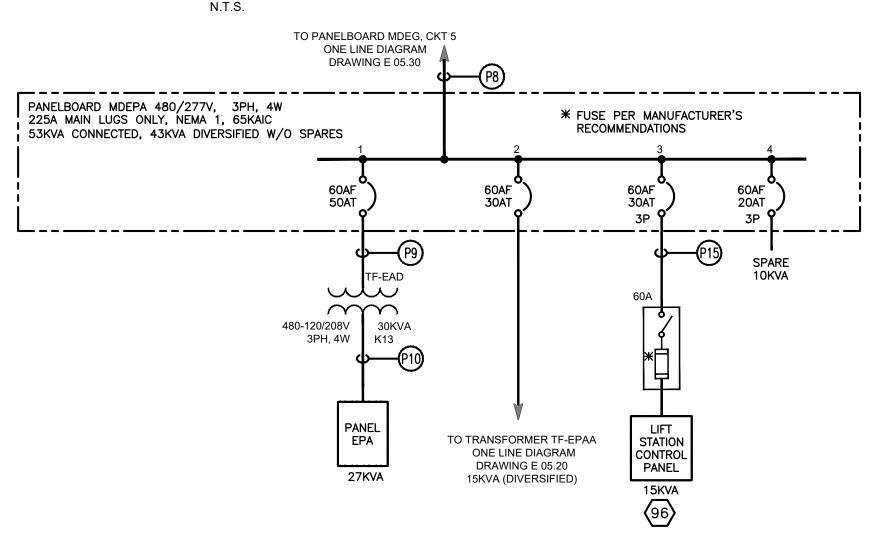


2021-05-13

UPPER CLASS / 1ST FL ONE-LINE / PNL SCHEDULE



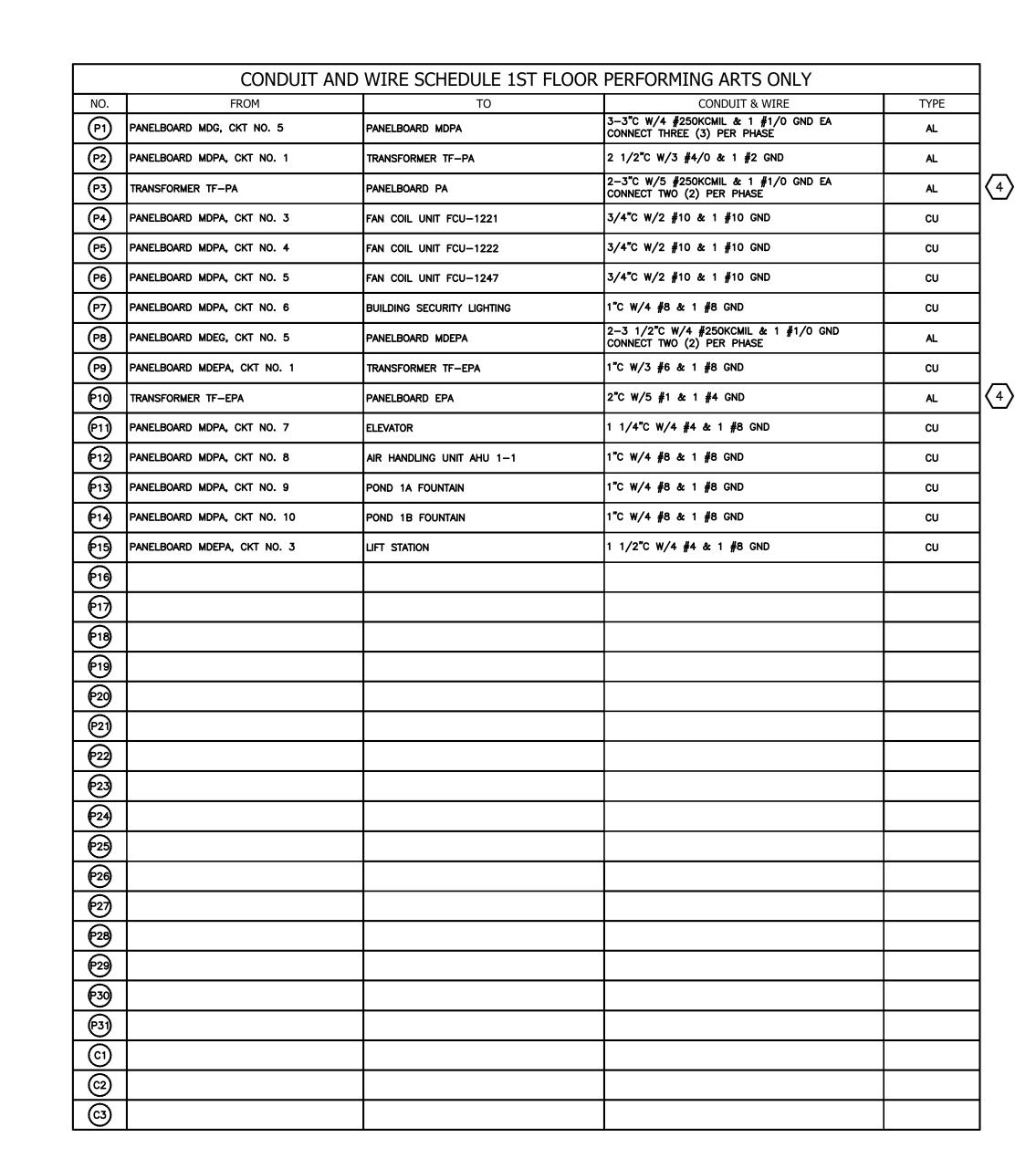
1 1ST FLOOR PERFORMING ARTS NORMAL ONE LINE DIAGRAM



2 1ST FLOOR PERFORMING ARTS EMERGENCY ONE LINE DIAGRAM

DIRECTORY	WATTS LOAD	CKT. NO. BKR. AMPS CONDUCTOR QTY. & SIZE	CONDUIT INCHES	L2 L3 7	CONDUIT	CONDUCTOR QTY. & SIZE	KR. AMPS	KT. NO.	WATTS			DIRECTORY
LIQUEINO				<del>'                                    </del>	O ≥   0	00	<u>m</u>	0 1			10505074	OLEO DATA
LIGHTING ELEVATOR	623	1 20 3# 12	1/2	<del>    [_`</del>	1/2 3	# 10	30	Z 12	200 ///		RECEPTA	CLES DATA
LIGHTING ELEVATOR LIGHTING	750 //// 968	3 20 3# 12 5 20 3# 12	1/2 -	<del>*                                    </del>	1/2 3	5# 10 5# 10	20	4 ///	120	1200	RECEPTAG	
LIGHTING	1056	7 20 3# 12		<del>                                      </del>				8 12		///////	RECEPTA	
LIGHTING	626	9 20 3# 12	1/2 -	<del>    -</del>	1/2 3	# 10	20	10 //	120		RECEPTA	
RECEPTACLES		11 20 3# 12	1/2 -		1/2 3	# 10	20	12			RECEPTAG	
RECEPTACLES	1200 ///////////////////////////////////	13 20 3# 12	1/2 -	$\Box \Box \frown$	1/2 3	# 10	20	14 12	200		RECEPTAG	
RECEPTACLES	1200	15 20 3# 12	1/2 -		1/2 3	# 10	20	16	120	6 <i>4////</i>	RECEPTAG	
RECEPTACLES	///////////////////////////////////////	17 20 3# 12	1/2		1/2 3	# 10	20	18 ///	///X///	1200	RECEPTAG	
RECEPTACLES	1200 ///////////////////////////////////	19 20 3# 12	1/2	#	1/2 3	# 10	20	20 12	200 ////		RECEPTAG	
RECEPTACLES	1200	21   20  3# 12	1/2	<del>   </del> -	1/2 3	# 10	20	22 ///	200 /// 120	ó <i>/////</i>	RECEPTA	CLES
RECEPTACLES	1200	23 20 3# 12	1/2	<u> </u>	l 1/2  3	i# 10	20	24 ///	///////	// 1200	RECEPTAG	CLES
RECEPTACLES	1200 ///////////////////////////////////	25   20  3# 12	1/2	<u> </u>	1/2 3	# 10	20	26   12	200 ////	////////	RECEPTA	
ACCESS CONTROL	1200	27   20   3# 12	1/2	<b>↓</b>	1/2 3	# 10	20	28 ///	120	o /////		JMP ELEVATOR
LIGHTING	<i>/////////////////////////////////////</i>	29   20  3# 12	1/2	<del>                                     </del>	1/2 3	i# 10	20	30 //		1200	EMS PAN	EL
LIGHTING	455 /// 1200	31 20 3# 12	1/2	<del>    ^</del> -			20	32   12	200 1///	///////	SPARE	
SPARE	1200	33 20	<del> -</del> ^+	<del>   </del>			20	34 ///	120	<u> </u>	SPARE	
SPARE	1200	35 20	<u> </u>	<del>    •</del>				36 ///	///X////	1200	SPARE	
SPACE		37	<del>-</del>	<del>    [</del> -				38	,,,,\///	<i>[][[][][]</i>	SPACE	
SPACE		39	<del></del>	<del>• • •</del>				40		,\////	SPACE	
SPACE	<u> </u>	41					_				SPACE	
SUB-TOTAL:	5,734 6,176 6,120			<u> </u>				7,2	200 7,20	00 7,200	1	
VOLTAGE: 120/208	3 PH. 4W SN	MAIN BUS	: 100A	1	TOTAL \	WATTS	; L1		12	,934	PANEL	EPA
MAIN BREAKER: —	A. FRAME: 100A	A. TRIP	: 100A		TOTAL V	WATTS	; L2		13	,376	NO.	LFA
MOUNTING: SURFACE					TOTAL \	WATTS	; L3		13	,320	LOC.	ROOM 1240
MIN 22K AIC					TOTAL V	WATTS			39	,630	] [00.	ROOM 1240
	<u>LOADS</u>				LOAD	CALC	וווי	ATION!	<u> </u>		INTERRUI	PTING CALCULATIONS
LIGHTING	4,023 VA @ 10	0%= 4.023	VA 26.83	7.4			<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	ALION.	<b>⊻</b>	4501		
HVAC	0 LESS CI	•	20,02	27 VA =			J7	EC! A			JME INF. S ISFORMER=	SOURCE AND = _30KVA
				A @ 120						ASSU	JME Z =	1.5%
RECEPTACLE & MISC			VA 75 I	FLAx125%	=9 <del>4</del> A=	: 100 <u>/</u>	A Cr	<u> (1. B</u>	<u>KK.</u>	30K\	/A <b>@</b> 120,	/208V, 3PH, 4W = 83A
SPARE	6,000 VA @ 50	% = 3,000	VA							100	X 83 =	5,533 AIC
	39,630 VA	26,827	VA							'		
	CONNECTED	DERATE								1	USE22k	<u>(AIC</u> EQUIPMENT.
	LOAD	LOA	_	10KVA @	100%. F	REMA	INDE	ER AT	50%			

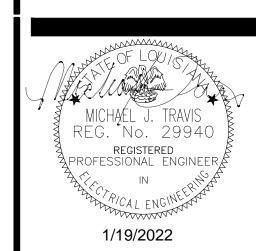
	CONNECTED DERATE LOAD LOAD		)%, REMAINDER AT 50%	. USE <u>22KAIC</u> EQUIPMENT.										
DIRECTORY	MALLS FOUND CKT. NO. CKT. NO. CONDUCTOR QTY. & SIZE	L1 L2 L3 P P P  SONDILL SONDIL	CONDUCTOR OTT: & SIZE OND CONDUCTOR OTT: & SIZE OTT: AMPS OTT: NO. TI   T2   T3	DIRECTORY	DIRECTORY	MALLS TOAD  CONDUCTOR  CONDUCTOR	CONDUIT INCHES SIZE CONDUIT INCHES SIZE CONDUIT INCHES	CONDUCTOR SIZE  NO. AMPS  TI   T7	DIRECTORY	DIRECTORY	MALLS TOWD CRY. NO. CONDUCTOR AMPS	CONDUIT OCHES	CONDUCTOR SIZE  OVALUE AMPS  OV	DIRECTORY
EMERGENCY LIGHTING EMERGENCY LIGHTING LIGHTING LIGHTING	500 /// 1 20 3# 12 500 // 3 20 3# 12 774 5 20 3# 12	2 1/2 - 1/2 2 1/2 - 1/2 2 1/2 - 1/2	72 3# 10 20 2 1200 //////////////////////////	RECEPTACLES RECEPTACLES OO RECEPTACLES	RECEPTACLES RECEPTACLES RECEPTACLES RECEPTACLES	1200 ///// 43 20 3#	10 1/2 - 1/2 10 1/2 - 1/2 10 1/2 - 1/2 10 1/2 - 1/2	3# 10 20 44 1200 /// 1200 /// 3# 10 20 46 /// 1200 /// 13# 10 20 48 /// 13 13# 10 20 50 1300 /// 13 13 14 10 20 50 1300 /// 13 13 14 10 20 50 1300 /// 13 14 14 14 14 14 14 14 14 14 14 14 14 14	RECEPTACLES RECEPTACLES RECEPTACLES RECEPTACLES	SOUND SYSTEM BAND SOUND SYSTEM BLACK BOX SOUND SYSTEM CAFETORIUM SHORT THROW PROJECTOR CAFETORIU	1200 /// 85 30 3# 1200 // 87 20 3# 1200 89 20 3#	0 1/2 - 1/2 0 1/2 - 1/2 0 1/2 - 1/2	3# 10 20 86 1200 //////////////////////////////////	SHORT THROW PROJECTOR BAND SHORT THROW PROJECTOR BLACK BOX PROJECTION SCREEN BAND PROJECTION SCREEN BLACK BOX
LIGHTING LIGHTING LIGHTING LIGHTING	936	2 1/2 - 1/2	2 3# 10 20 1 1299 /2 3# 10 20 12 /2 3# 10 20 12 /2 3# 10 20 14 1200 /2 3# 10 20 16 1200	RECEPTACLES  00 RECEPTACLES  RECEPTACLES  RECEPTACLES	RECEPTACLES RECEPTACLES RECEPTACLES RECEPTACLES	1200	10 1/2 1/2 10 1/2 1/2 10 1/2 1/2 10 1/2 1/2	3# 10 20 52 1200 3# 10 20 54 1200 3# 10 20 56 1200	RECEPTACLES 200 RECEPTACLES RECEPTACLES RECEPTACLES	DDO JECTION SCREEN CAFETORIUM	1200 /// 93 20 3# 1200 95 20 3# 1200 97 97	0 1/2 1/2 2 1/2 1/2 0 1/2 1/2 0 1/2 1/2	3# 10 20 94 1200 3# 10 20 96 1200 3# 10 20 98 1200	RECEPTACLES  AHU 1-1 UV LIGHTS AND AIR FILTER  AHU 1-1 CONTROLS  LOW YOUTAGE OUTDOOR LIGHTING
LIGHTING LIGHTING RECEPTACLE RECEPTACLE	902 /// 17 20 3# 12 902 /// 19 20 3# 12 1200 // 21 20 3# 10 1200 23 20 3# 10	2 1/2 - 1/2 2 1/2 - 1/2 0 1/2 - 1/2 0 1/2 - 1/2	2	00 RECEPTACLES RECEPTACLES RECEPTACLES 00 RECEPTACLES	RECEPTACLES RECEPTACLES RECEPTACLES RECEPTACLES	1200	10 1/2 1/2 10 1/2 1/2 10 1/2 1/2 10 1/2 1/2 10 1/2 1/2	3# 10 20 60 1200 1200 1200 1200 1200 1200	200 RECEPTACLES  RECEPTACLES  RECEPTACLES  200 RECEPTACLES	MOTORIZED SHADES MOTORIZED SHADES MOTORIZED SHADES	1200	0 1/2 1/2 0 1/2 1/2 0 1/2 0 1/2	3# 10 20 102 1200 1200 1200 1200 1200 120	LOW VOLTAGE OUTDOOR LIGHTING RECEPTACLES SPARE SPARE
RECEPTACLE WASHER RECEPTACLE DRYER	1200 /// 25 20 3# 10 1200 // 27 20 3# 10 2500 29 30 3# 10	0 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2	2	RECEPTACLES RECEPTACLES OO RECEPTACLES RECEPTACLES	RECEPTACLES RECEPTACLES RECEPTACLES RECEPTACLES	<b>/////////////////////////////////////</b>	10 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2	S   E   E   E   L1   L2	RECEPTACLES RECEPTACLES RECEPTACLES RECEPTACLES	MOTORIZED SHADES MOTORIZED SHADES WATER HEATER WH-13 WATER HEATER WH-14	1200 //// 109 20 3# /// 1200 /// 111 20 3# 1200 /// 115 20 3#	0 1/2 1/2 0 1/2 1/2 0 1/2 1/2 0 1/2 1/2 0 1/2 1/2	3# 10 20 110 1200       3# 10 20 112       3# 10 20 114       3# 10 20 116 1200	SHORT THROW PROJECTOR BAND SHORT THROW PROJECTOR BLACK BOX PROJECTION SCREEN BAND PROJECTION SCREEN BLACK BOX RECEPTACLES AHU 1-1 UV LIGHTS AND AIR FILTER AHU 1-1 CONTROLS LOW VOLTAGE OUTDOOR LIGHTING LOW VOLTAGE OUTDOOR LIGHTING RECEPTACLES SPARE SPARE RECEPTACLES RECEPTACLES RECEPTACLES RECEPTACLES RECEPTACLES SPARE
RECEPTACLE RECEPTACLE RECEPTACLE RECEPTACLE RECEPTACLE	2500	0 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2	1200   1200	RECEPTACLES  RECEPTACLES  RECEPTACLES  RECEPTACLES  OO RECEPTACLES	RECEPTACLES RECEPTACLES RECEPTACLES SPARE SPARE	1200 /// 73 20 3# 1200 // 75 20 3# 1200 // 79 20 3# 1200 // 81 20 1200 83 20	10 1/2 1/2 10 1/2 1/2 10 1/2 1/2	3# 10 20 76 1200 3# 10 20 78 12 3# 10 20 80 1200 1200 20 82 1200 1200	RECEPTACLES  200 RECEPTACLES  RECEPTACLES  SPARE  200 SPARE	WATER HEATER WH-15 WATER HEATER WH-16 WATER HEATER WH-17 WATER HEATER WH-18 CIRCULATING PUMP CP-PA	1200 113 20 3# 1200 115 20 3# 1200 117 20 3# 1200 120 3# 1200 123 20 3# 1200 125 20 3#	0 1/2 0 1/2	20 118 1200 1200 1200 1200 122 1200 120 122 1200 12	SPARE SPARE SPARE SPARE
SUB-TOTAL:	7,986 7,224 8,157	N	8,400 8,400 8,40	00   100	SUB-TOTAL:	8,400 8,400 8,400	<u> </u>			SUB-TOTAL:	8,400 8,400 8,400	N	8,400 8,400 8,400	OI AIL
					VOLTAGE: 120/208  MAIN BREAKER: —  MOUNTING: SURFACE  MIN 22K AIC		S: 400A TOTAL WA P: 400A TOTAL WA TOTAL WA TOTAL WA	ATTS; L2 49,224 ATTS; L3 50,157	PANEL PANEL PA LOC. ROOM 1240					
* FIRST 10KVA @ 100%, REMAI	NDER AT 50%				LIGHTING  HVAC/PLUMBING  RECEPTACLE & MISC  SPARE	0 VA <b>@</b> 100%=	LOAD CALC 83,467 VA = 84 KVA 84 KVA @ 120/208V = 233 FLA x 125% = 29 * FIRST 10KVA @ 100%, REMAI	= 233 FLA 91A = 400 <u>A CKT. BKR.</u>	INTERRUPTING CALCULATIONS  ASSUME INF. SOURCE AND TRANSFORMER= 112.5KVA ASSUME Z = 1.5% 112.5KVA @ 120/208V, 3PH, 4W = 313A  100 1.5 X 313 = 20,867AIC  ∴ USE 22KAIC EQUIPMENT.					





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PRAIRIEVILLE HIGH SCHOO

PACKAGE 1

PREPROJECT NO: 6420601-101

PREPROJECT NO: 6420601-101

PREPROJECT NO: 6420601-101

PREPROJECT NO: 6420601-101

RHH project #

DA project #

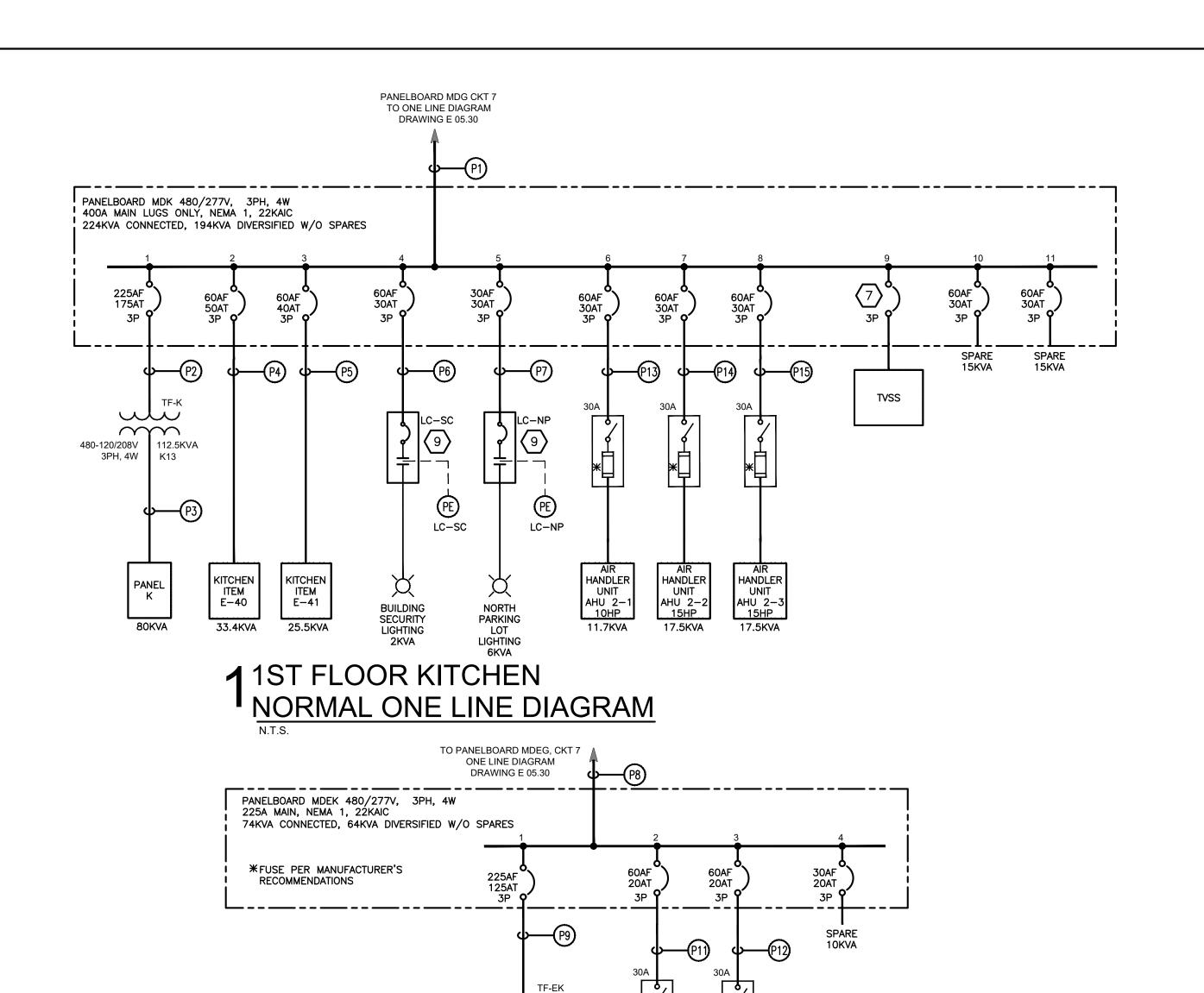
DA project #

director review

PERFORMING ARTS / 1ST FL ONE-LINE / PNL SCHEDULE

05.14

2021-05-13



75KVA K13

KITCHEN EXHAUST FAN KEF-1

2 1ST FLOOR KITCHEN EMERGENCY ONE LINE DIAGRAM

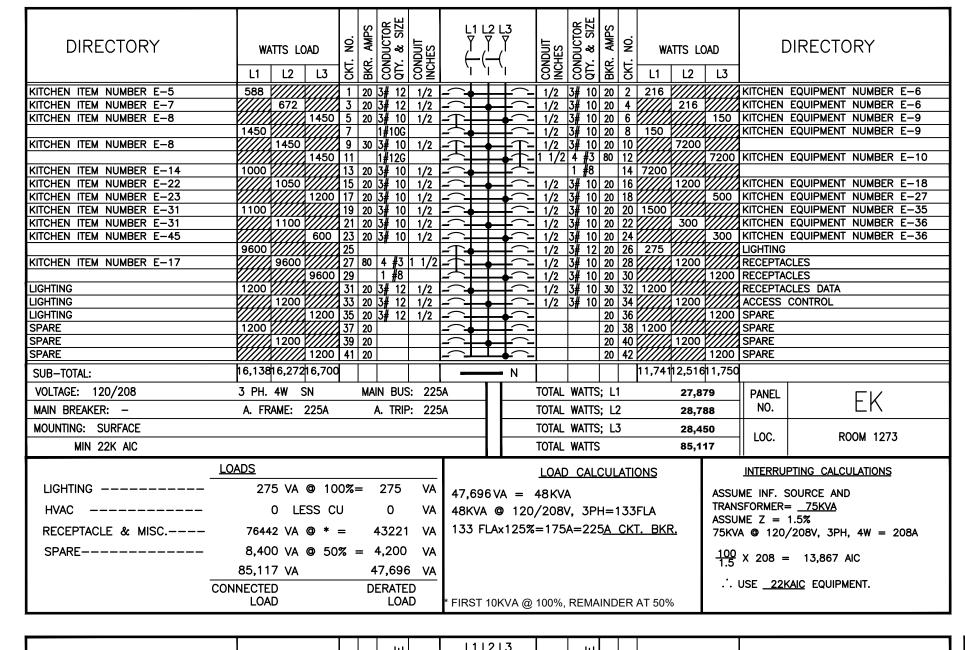
KITCHEN SUPPLY FAN KSF-1 9.2KVA

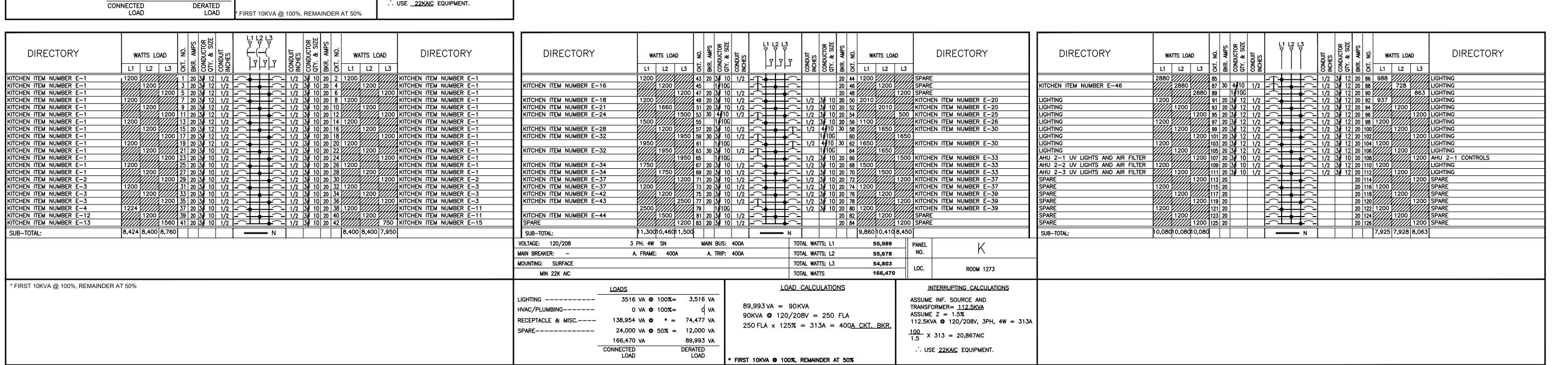
480-120/208V 3PH, 4W

PANELBOARD MDK PANELBOARD MDP, CKT NO. 1 2 1/2°C W/3 #4/0 & 1 #2 GND TRANSFORMER TF-K 2-3"C W/5 #250KCMIL & 1 #1/0 GND EA TRANSFORMER TF-K PANELBOARD K CONNECT TWÖ (2) PER PHASE 1/4"C W/4 #6 & 1 #8 GND PANELBOARD MDK, CKT NO. 2 KITCHEN ITEM NUMBER E-40 PANELBOARD MDK, CKT NO. 3 KITCHEN ITEM NUMBER E-41 1"C W/4 #8 & 1 #8 GND CU 1"C W/4 #8 & 1 #8 GND PANELBOARD MDK, CKT NO. 4 BUILDING SECURITY LIGHTING PANELBOARD MDK, CKT NO. 5 1/4"C W/4 #6 & 1 #8 GND NORTH PARKING LOT LIGHTING 3 1/2°C W/5 #300KCMIL & 1 #1/0 GND PANELBOARD MDEG, CKT NO. 7 PANELBOARD MDEK PANELBOARD MDEK, CKT NO. 1 2"C W/3 #2/0 & 1 #4 GND TRANSFORMER TF-EK TRANSFORMER TF-EK PANELBOARD EK 3 1/2°C W/5 #300KCMIL & 1 #1/0 GND PANELBOARD MDEK, CKT NO. 2 3/4°C W/4 #10 & 1 #10 GND EXHAUST FAN KEF-1 3/4"C W/4 #10 & 1 #10 GND PANELBOARD MDEK, CKT NO. 3 SUPPLY FAN KSF-1 CU 1/2"C W/4 #10 & 1 #10 GND PANELBOARD MDK, CKT NO. 6 AIR HANDLER UNIT AHU 2-1 CU PANELBOARD MDFA, CKT NO. 7 AIR HANDLER UNIT AHU 2-2 1/2"C W/4 #10 & 1 #10 GND PANELBOARD MDFA, CKT NO. 8 AIR HANDLER UNIT AHU 2-3 1/2"C W/4 #10 & 1 #10 GND

TYPE 3-4"C W/4 #500KCMIL & 1 #3/0 GND EA CONNECT TWO (2) PER PHASE PANELBOARD MDK, CKT 7

CONDUIT AND WIRE SCHEDULE 1ST FLOOR KITCHEN ONLY





RHH project #

DA project #

director review

CAFETORIUM / 1ST FL

ONE-LINE / PNL SCHEDULE

66-17-20

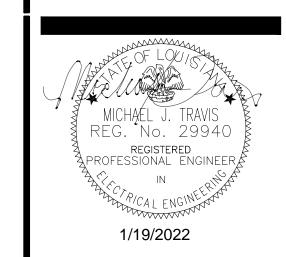
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2021-05-13

A JOINT VENTURE

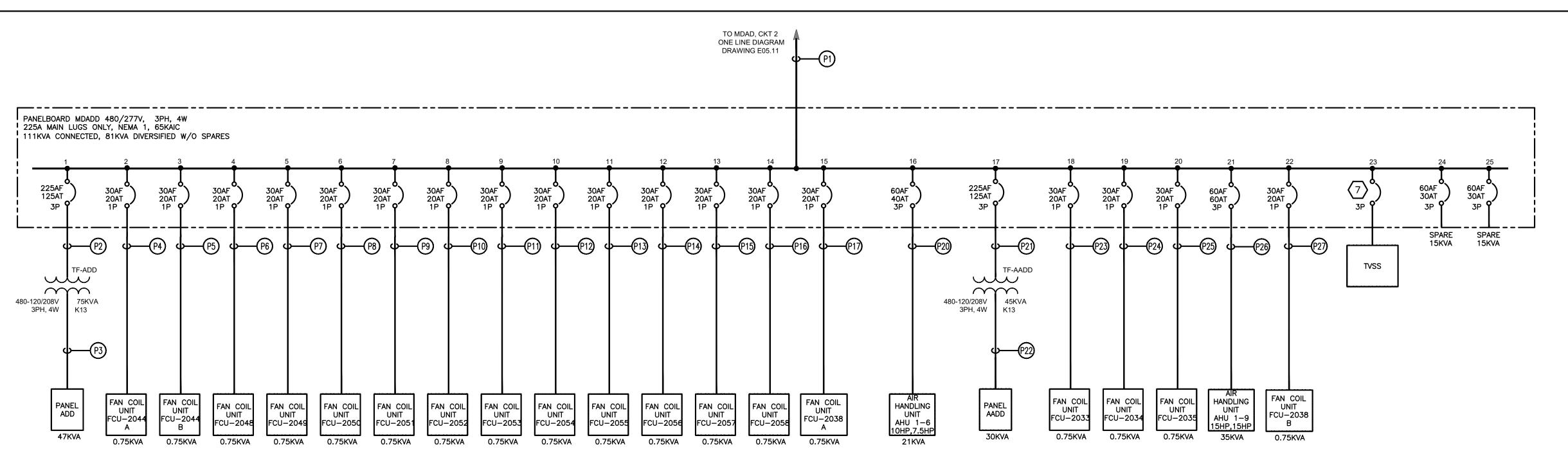
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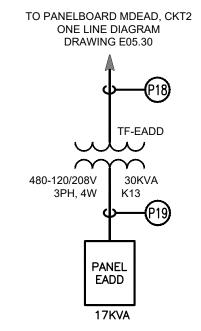


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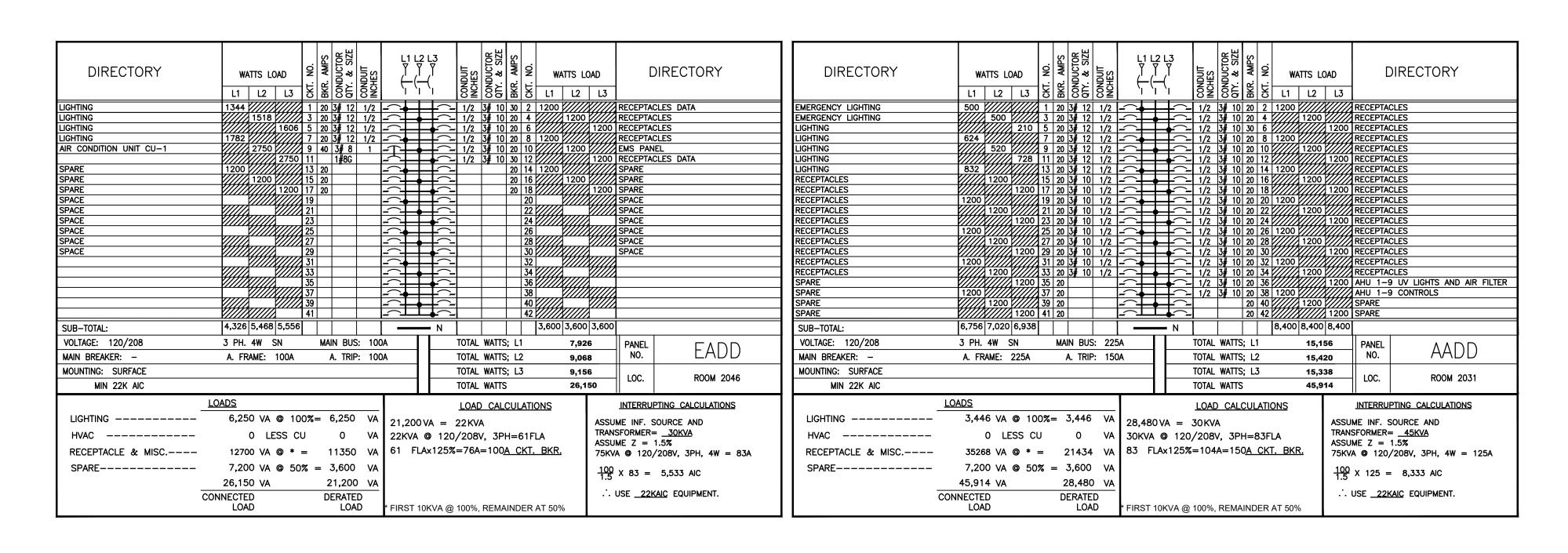




#### **1** 2ND FLOOR ADMINISTRATION NORMAL ONE LINE DIAGRAM



# 2 2ND FLOOR ADMINISTRATION EMERGENCY ONE LINE DIAGRAM



DIRECTORY    WATTS LOAD   V. W.	DIRECTORY  WATTS LOAD  L1   L2   L3   S   S   S   S   S   S   S   S   S	DIRECTORY  WATTS LOAD  L1   L2   L3   Sign of E Sign of
L1   L2   L3   S   R   S   S   S   P   P   S   S   R   S   L1   L2   L3	RECEPTACLES   1200	SPACE         85         86         SPACE           SPACE         87         88         SPACE           SPACE         89         SPACE         SPACE           SPACE         91         92         SPACE           SPACE         93         SPACE         SPACE           SPACE         95         SPACE         SPACE           SPACE         97         98         SPACE           SPACE         99         100         SPACE           SPACE         101         SPACE         SPACE           SPACE         103         104         SPACE           SPACE         105         106         SPACE           SPACE         107         108         SPACE           SPACE         109         100         SPACE           SPACE         109         100         SPACE           SPACE         100         SPACE         SPACE           SPACE         107         108         SPACE           SPACE         111         SPACE         SPACE           SPACE         111         SPACE         SPACE           SPACE         111         SPACE           SPACE
SUB-TOTAL:    6,596   6,914   7,647	SUB_TOTAL:   4,800   4,800   4,800	SUB-TOTAL: ####################################
* FIRST 10KVA @ 100%, REMAINDER AT 50%	LIGHTING	IA

CONDUIT AND WIRE SCHEDULE 2ND FLOOR ADMINISTRATION ONLY TYPE **CONDUIT & WIRE** 3"C W/4 #300KCMIL & 1 #1/0 GND PANELBOARD MDADD RHH ARCHITECTS, APAC 2"C W/3 #2/0 & 1 #4 GND PANELBOARD MDADD, CKT NO. 1 TRANSFORMER TF-ADD 200 government st / ste 100 baton rouge, la 70802 PANELBOARD ADD 3 1/2°C W/5 #300KCMIL & 1 #1/0 GND AL 225.383.0002 / rhharchitects.com 3/4°C W/2 #10 & 1 #10 GND PANELBOARD MDADD CKT NO. 2 FAN COIL UNIT FCU-2044A CU DOMAIN ARCHITECTURE 8316 kelwood avenue PANELBOARD MDADD CKT NO. 3 3/4"C W/2 #10 & 1 #10 GND CU FAN COIL UNIT FCU-2044B baton rouge, la 70806 225.216.3770 / domain-dsgn.com PANELBOARD MDADD, CKT NO. 4 3/4°C W/2 #10 & 1 #10 GND FAN COIL UNIT FCU-2048 CU PANELBOARD MDADD, CKT NO. 5 3/4"C W/2 #10 & 1 #10 GND CU FAN COIL UNIT FCU-2049 3/4°C W/2 #10 & 1 #10 GND PANELBOARD MDADD, CKT NO. 6 FAN COIL UNIT FCU-2050 CU PANELBOARD MDADD, CKT NO. 7 3/4°C W/2 #10 & 1 #10 GND FAN COIL UNIT FCU-2051 CU PANELBOARD MDADD, CKT NO. 8 FAN COIL UNIT FCU-2052 3/4"C W/2 #10 & 1 #10 GND CU PANELBOARD MDADD, CKT NO. 9 3/4°C W/2 #10 & 1 #10 GND FAN COIL UNIT FCU-2053 CU IN PANELBOARD MDADD, CKT NO. 10 FAN COIL UNIT FCU-2054 3/4°C W/2 #10 & 1 #10 GND CU 3/4"C W/2 #10 & 1 #10 GND PANELBOARD MDADD, CKT NO. 11 CU FAN COIL UNIT FCU-2055 PANELBOARD MDADD, CKT NO. 12 3/4"C W/2 #10 & 1 #10 GND FAN COIL UNIT FCU-2056 CU PANELBOARD MDADD, CKT NO. 13 3/4"C W/2 #10 & 1 #10 GND FAN COIL UNIT FCU-2057 CU PANELBOARD MDADD, CKT NO. 14 3/4°C W/2 #10 & 1 #10 GND CU FAN COIL UNIT FCU-2058 PANELBOARD MDADD, CKT NO. 15 3/4°C W/2 #10 & 1 #10 GND FAN COIL UNIT FCU-2038A CU

1"C W/3 #6 & 1 #8 GND

2"C W/5 #1 & 1 #6 GND

1"C W/4 #8 & 1 #8 GND

2"C W/3 #2/0 & 1 #4 GND

2 1/2°C W/5 #3/0 & 1 #4 GND

3/4"C W/2 #10 & 1 #10 GND

3/4"C W/2 #10 & 1 #10 GND

3/4"C W/2 #10 & 1 #10 GND

1/4"C W/4 #4 & 1 #8 GND

3/4°C W/2 #10 & 1 #10 GND

PANELBOARD MDAD

P3 TRANSFORMER TF-ADD

PANELBOARD MDEAD CKT NO. 2

PANELBOARD MDADD, CKT NO. 16

PANELBOARD MDADD, CKT NO. 17

PANELBOARD MDADD, CKT NO. 18

PANELBOARD MDADD, CKT NO. 20

PANELBOARD MDADD, CKT NO. 22

TRANSFORMER TF-EADD

TRANSFORMER TF-AADD

PANELBOARD MDADD, CKT NO. 19

PANELBOARD MDADD, CKT NO. 21

P29 670 TRANSFORMER TF-EADD

AIR HANDLER AHU 1-6

RANSFORMER TF-AADD

FAN COIL UNIT FCU-2033

FAN COIL UNIT FCU-2034

FAN COIL UNIT FCU-2035

AIR HANDLER AHU 1-9

FAN COIL UNIT FCU-2038A

PANELBOARD EADD

PANELBOARD AADD

REGISTERED ROFESSIONAL ENGINEER 1/19/2022

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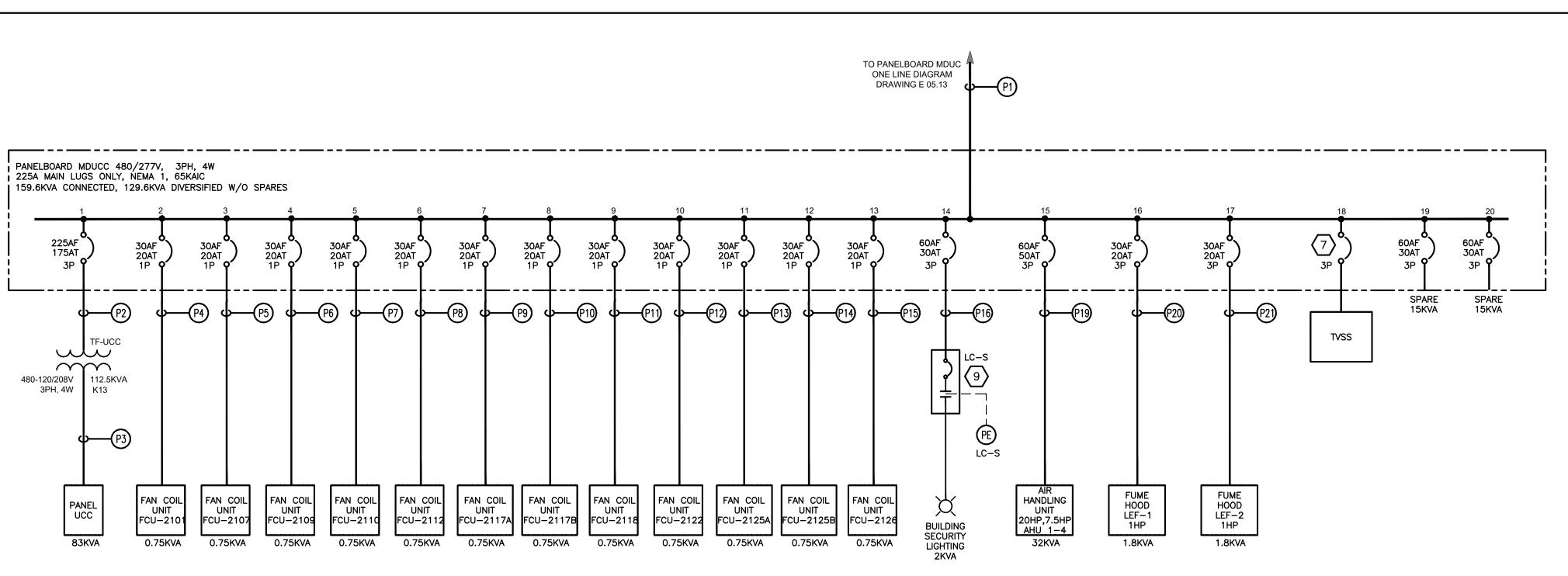


NOF HIGH SCHOOL

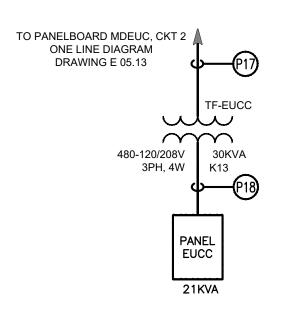
2021-05-13

ADMINISTRATION / 2ND FL ONE-LINE / PNL SCHEDULE

E05.17



### 1 2ND FLOOR UPPER CLASS NORMAL ONE LINE DIAGRAM



# 2 2ND FLOOR UPPER CLASS EMERGENCY ONE LINE DIAGRAM

DIRECTORY	WATTS LOAD	CKT. NO. BKR. AMPS CONDUCTOR QTY. & SIZE	ONDUIT CHES	L1 L; Y	2 L3 '	CONDUIT	CONDUCTOR QTY. & SIZE BKP AMPS	CKT. NO.	W/	ATTS LO		Γ	DIRECTORY
	L1 L2 L3	9898	8≚	<u> </u>	<u> </u>	SŽ	22			L2	L3		
LIGHTING	770	1 20 3# 12	1/2	_		1/2 3	# 10 20	0 2	1200			RECEPTA	CLES
LIGHTING	990 /////	3 20 3# 12	1/2	<del>-</del>	<del></del>	1/2 3	# 10 20	) 4		1200		RECEPTA	CLES
LIGHTING	7/////// 770	5 20 3# 12	1/2	<del>-</del> _+	<del></del> -	1/2 3	# 10 20	0 6			1200	RECEPTA	CLES
LIGHTING	990	7 20 3# 12	1/2	<del>-                                    </del>	+>	1/2 3	# 10 20	0 8	1200			RECEPTA	CLES
RECEPTACLES RECEPTACLES	1200	1 9   20   3# 12	1/2	<del></del>	+;-	1/2 3	# 10 20	0 10		11200	1200	RECEPTA	CLES
RECEPTACLES	1200	11 20 3# 10	1/2	<del>- 1</del>	<del></del>	1/2 3 1/2 3	# 10 20	1 14	1200	<i>\\\\\</i>	7/////	RECEPTA:	CLES
RECEPTACLES	///// 1200	15 20 3# 10	1/2			1/2 3	# 10 2	16	/////	1200	<i>\\\\\</i>	RECEPTA	CLES
LIGHTING	1200	17 20 3# 12	1/2			1/2 3	# 10 2	18		17777	1200	RECEPTA	CLES
SPARE	1200 ///////////////////////////////////	19 20 7	<del>  '/-</del>	$\overline{\Box}$	<b>T</b> = [	1/2 3	# 10 2	20	1200	<i>\/////</i>		RECEPTA	CLES
SPARE	1200	21 20		<u>-                                    </u>		1/2 3	# 10 20	22	11111	1200		EMS PAN	
SPARE	1200	23 20		<u>-                                    </u>		-,,		0 24			1200	SPARE	
SPACE		125		- 🕌				26				SPACE	
SPACE		27		- 28						SPACE			
SPACE		29		<del>-</del>	<b>→</b> ^-			30				SPACE	
		31		<del>-</del> _+	+			32					
		33		<del>-                                    </del>	+			34		· · · · · · · · · · · · · · · · · · ·			
		35		<del></del>	<del>*</del> =		-	36		<i>\\\\\</i>	·////		
		37 39		<del>- 1</del>			-	38 40	111111	<i>Y/////</i>		<b> </b>	
		41						42			<i>(/////</i>		
SUB-TOTAL:	4,160 4,590 4,370							_		4 800	4,800	! 	
					<u> </u>				7,000			h	<u> </u>
VOLTAGE: 120/208	3 PH. 4W SN	MAIN BUS					WATTS;			8,96	0	PANEL	EUCC
MAIN BREAKER: -	A. FRAME: 100A	A. TRIF	P: 100	Α		TOTAL V	WATTS;	L2		9,39	0	NO.	LUCU
MOUNTING: SURFACE						TOTAL V	WATTS;	L3		9,17	0	LOC.	ROOM 2097
MIN 22K AIC						TOTAL V	WATTS			27,5	20	] [00.	ROOM 2097
	<u>LOADS</u>				•		CALCU	ΙΙ ΔΤΙ	2NC			INTERRU	PTING CALCULATIONS
LIGHTING	- 3,520 VA @ 10	00%= 3.520	\/Δ	l			OALOC		0110				
					VA =								SOURCE AND
HVAC	- 0 LESS C	U O	VA	1									= <u>30KVA</u> 1.5%
RECEPTACLE & MISC	– 19200 VA @ *	= 14600	VA									ASSUME Z = 1.5% 30KVA @ 120/208V, 3PH, 4W = 83A	
SPARE	- 4,800 VA @ 50	% = 2,400	VA								100	X 83 =	5,533 AIC
	27,520 VA	20,520	AV C								1.0		
	CONNECTED	DERATE	.D								÷.	USE <u>22</u>	KAIC EQUIPMENT.
	LOAD	LOA		* CIDOT 1	0KVA @	1000/. 🗀		DED	ΛT 500	/.			

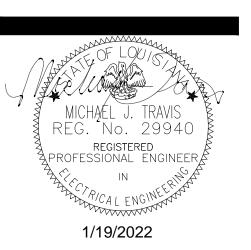
L1	ㅡㅡㅡㅡㅡ 티워볼거롱티 그리지 모님됐을거입다는	WATTS LOAD DIRECTORY	DIRECTORY	CKT. NO. CKT. NO. CONDUCTOR	CONDUIT INCHES  CONDUIT A SIZE  CONDUIT A SIZE	CONDUCTOR OTY. & SIZE OTY. AMPS CKT. NO. T1   T2		DIRECTORY	CONDUCTOR OTY. & SIZE	L1 L2 L3 P	CONDUIT INCHES CONDUCTOR QTY. & SIZE OND SILVEN AMPS TILVEN NO. TILVEN TO THE CONDUIT TILVEN TO THE CONDUIT TILVEN THE CONDUIT	DIRECTORY
EMERGENCY LIGHTING EMERGENCY LIGHTING	0	L1	RECEPTACLES	1200	10 1/2	S   E   S   L1   L2	RECEPTACLES	RECEPTACLES SPARE SPARE SPARE SPARE SPARE	1200	1/2	1/2     3# 10     20     86     1200       1/2     3# 10     20     88     1200       1/2     3# 10     20     90     1200       1/2     3# 10     20     92     1200       1/2     3# 10     20     94     1200       1/2     3# 10     20     96     1200       1/2     3# 10     20     98     1200       1/2     3# 10     20     100     1200       1/2     3# 10     20     104     1200       1/2     3# 10     20     104     1200       1/2     3# 10     20     108       1/2     3# 10     20     110       20     112     1200       20     114     1200       20     116     1200	RECEPTACLES RECEPT
RECEPTACLE V////	1200		RECEPTACLES SPARE SPARE SPARE SPARE SPARE SPARE SUB-TOTAL: VOLTAGE: 120/208	1200	: 400A TOTAL WAT	ΠS; L1 48,741	RECEPTACLES RECEPTACLES 200 RECEPTACLES RECEPTACLES SPARE 200 SPARE A400 PANEL NO.  PANEL NO.	SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE	1200	N N	20 118 // 1200	SPARE SPARE SPARE SPARE SPARE SPARE SPARE O SPARE
* FIRST 10KVA @ 100%, REMAINDER AT 50%	%		HVAC/PLUMBING RECEPTACLE & MISC 105,60	0 VA @ 100%= 8,529 VA 0 VA @ 100%=   VA 00 VA @ * = 57,800 VA 00 VA @ 50% = 16,200 VA	TOTAL WAT  TOTAL WAT  LOAD CALCU  82,529 VA = 83 KVA  83KVA @ 120/208V =  231 FLA x 125% = 289	TIS 146,529  ULATIONS  231 FLA	INTERRUPTING CALCULATIONS  ASSUME INF. SOURCE AND TRANSFORMER= 112.5KVA ASSUME Z = 1.5% 112.5KVA @ 120/208V, 3PH, 4W = 313A					
				29 VA 82,529 VA DERATED	* FIRST 10KVA • 100%, REMAIN	NDER AT 50%	100 1.5 X 313 = 20,867AIC ∴ USE <u>22KAIC</u> EQUIPMENT.					

CONDUIT AND WIRE SCHEDULE 2ND FLOOR UPPER CLASS ONLY TYPE CONDUIT & WIRE P1) PANELBOARD MDUC, CKT. NO. 2 3"C W/4 #300KCMIL & 1 #1/0 GND PANELBOARD MDUCC PANELBOARD MDUCC, CKT NO. 1 2 1/2°C W/3 #4/0 & 1 #2 GND TRANSFORMER TF-UCC 2-3"C W/5 #250KCMIL & 1 #1/0 GND EA CONNECT TWO (2) PER PHASE P3 TRANSFORMER TF-UCC PANELBOARD UCC AL PANELBOARD MDUCC, CKT NO. 2 FAN COIL UNIT FCU 2101 3/4"C W/2 #10 & 1 #10 GND CU PANELBOARD MDUCC, CKT NO. 3 FAN COIL UNIT FCU 2107 3/4°C W/2 #10 & 1 #10 GND CU PANELBOARD MDUCC, CKT NO. 4 3/4"C W/2 #10 & 1 #10 GND FAN COIL UNIT FCU 2109 PANELBOARD MDUCC, CKT NO. 5 FAN COIL UNIT FCU 2110 3/4"C W/2 #10 & 1 #10 GND 3/4°C W/2 #10 & 1 #10 GND PANELBOARD MDUCC, CKT NO. 6 CU FAN COIL UNIT FCU 2112 3/4°C W/2 #10 & 1 #10 GND PANELBOARD MDUCC, CKT NO. 7 FAN COIL UNIT FCU 2117A CU 3/4"C W/2 #10 & 1 #10 GND PANELBOARD MDUCC, CKT NO. 8 FAN COIL UNIT FCU 2117B CU 3/4"C W/2 #10 & 1 #10 GND PANELBOARD MDUCC, CKT NO. 9 CU FAN COIL UNIT FCU 2118 PANELBOARD MDUCC, CKT NO. 10 FAN COIL UNIT FCU 2122 3/4"C W/2 #10 & 1 #10 GND CU 3/4°C W/2 #10 & 1 #10 GND PANELBOARD MDUCC, CKT NO. 11 CU FAN COIL UNIT FCU 2125A PANELBOARD MDUCC, CKT NO. 12 3/4"C W/2 #10 & 1 #10 GND FAN COIL UNIT FCU 2125B CU PANELBOARD MDUCC, CKT NO. 13 3/4"C W/2 #10 & 1 #10 GND FAN COIL UNIT FCU 2126 CU PANELBOARD MDUCC, CKT NO. 14 BUILDING SECURITY LIGHTING 1"C W/4 #8 & 1 #8 GND CU PANELBOARD MDEUCC, CKT NO. 2 1"C W/3 #6 & 1 #8 GND CU TRANSFORMER TF-EUCC P18 TRANSFORMER TF-EUCC PANELBOARD EUCC 2°C W/5 #1 & 1 #4 GND AL PANELBOARD MDUCC, CKT NO. 15 AIR HANDLER UNIT AHU 1-4 1/4"C W/4 #6 & 1 #8 GND CU PANELBOARD MDUCC, CKT NO. 16 3/4"C W/4 #10 & 1 #10 GND FUME HOOD LEF-1 CU PANELBOARD MDUCC, CKT NO. 17 FUME HOOD LEF-2 3/4°C W/4 #10 & 1 #10 GND P26 (230)



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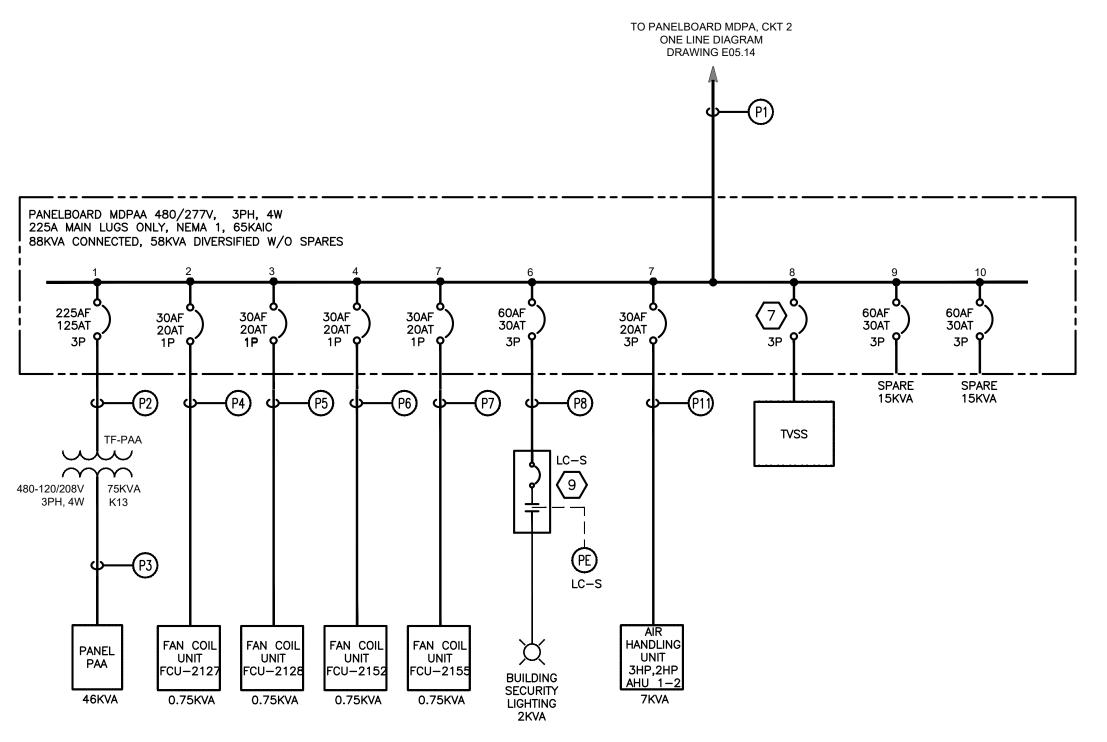
RHH project #

2021-05-13

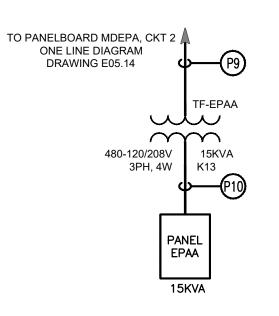
UPPER CLASS / 2ND FL ONE-LINE / PNL SCHEDULE

C20-0058

IE05.19

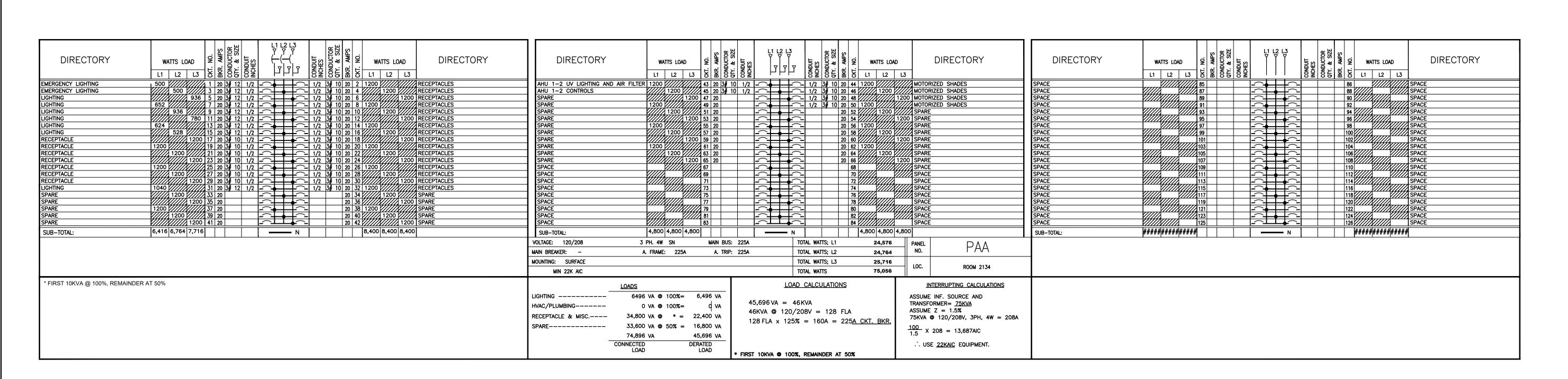


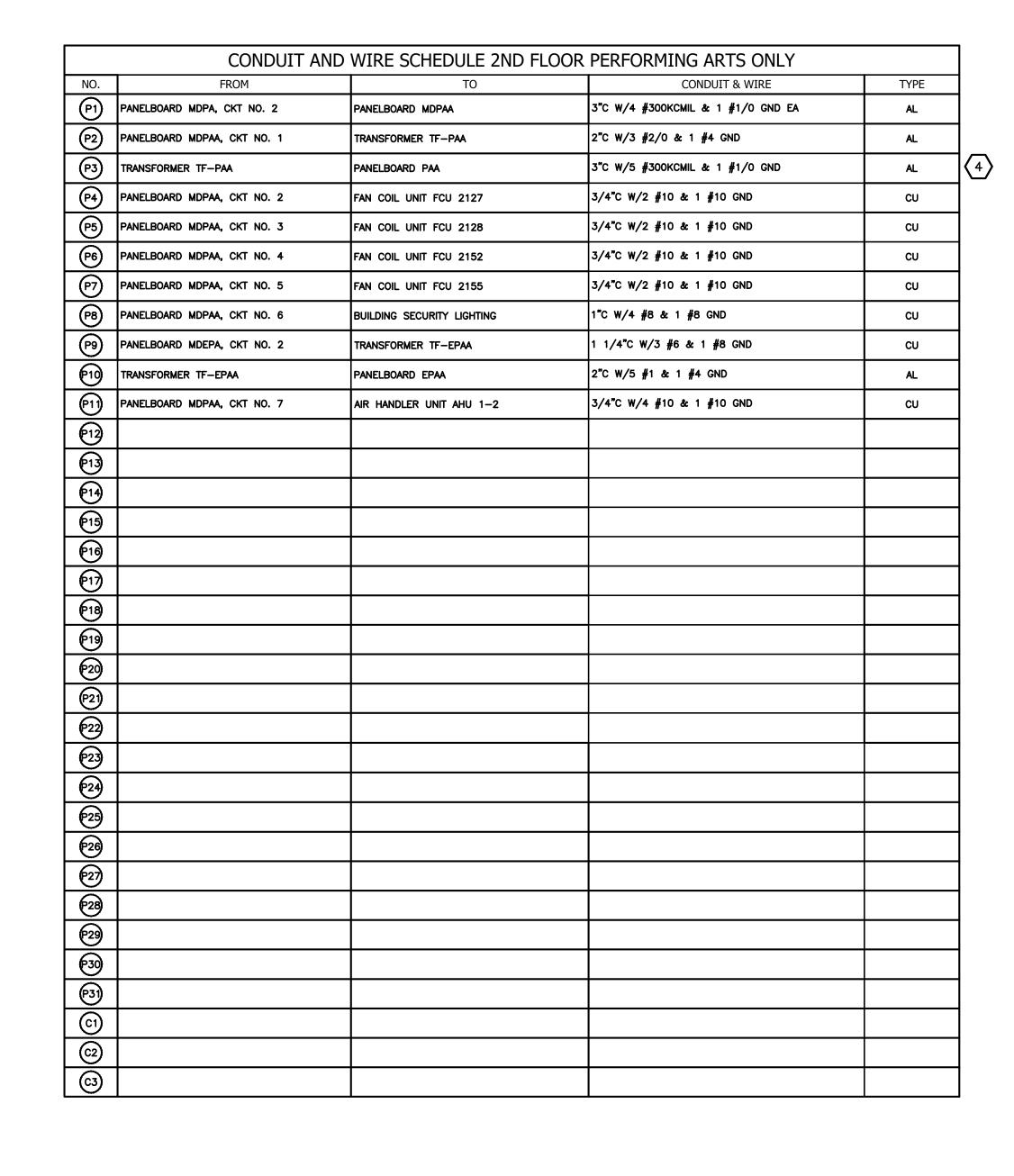
1 2ND FLOOR PERFORMING ARTS NORMAL ONE LINE DIAGRAM



2 2ND FLOOR PERFORMING ARTS EMERGENCY ONE LINE DIAGRAM

DIRECTORY	WATTS LOAD	CKT. NO. BKR. AMPS CONDUCTOR QTY. & SIZE	CHES	L1 L2 L3 Y Y Y (((	CONDUIT INCHES CONDUCTOR QTY. & SIZE	BKR. AMPS CKT. NO.	WATTS	_	[	DIRECTORY
		5 8 8		<u> </u>	82 86		L1 L2			
LIGHTING	847	1 20 3# 12	1/2	<del>*    </del>	1/2 3# 10	20 2 1	200 ///	<i>[2(]]]]]</i>	RECEPTA	CLE DATA
LIGHTING	792	3 20 3# 12	1/2		1/2 3# 10	20 4	120	0 /////	RECEPTA RECEPTA	CLE
LIGHTING SPARE	1200	3 20 3# 1Z 7 20	1/2		1/2 3# 10	20 6	200	///////	FMS DAN	IFI
SPARE	1200 ///////////////////////////////////	9 20	<u> </u>		1/2 3# 10	20 10	120		SPARE	<u> </u>
SPARE	<i>V////X/////</i> 1200	11   20				20 12		1200	SPARE	
SPARE	1200 ///////////////////////////////////	13 20				20 12 // 20 14 1:	200	//////	SPARE	
SPARE	1200	15 20				20   16	//// 120	o <i>[/////</i>	SPARE	
SPARE	1200	17 20	<b></b>	++-		20   18 ///	///X////	1200	SPARE	
		19	<del>-</del>	<del>*    </del>		20	,,,,\///	<i>///////</i>	SPACE	
	<del>- \{\{\}\}</del>	23	<del>-  -</del> -			22	HAM.		SPACE SPACE	
		25	<del>- [</del> -			26		Hami	SPACE	
		27				28			SPACE	
		29	<u> </u>			30 //			SPACE	
		31		· -		32		///////		
		33	<u> </u>	++		34	///\	,,(////		
	<i>{////}////////////////////////////</i>	35	<del></del> -	++		36	///X////	ham		
		37 39	<del></del>			38	////	<i>-</i>		
		41				42	Hhan			
SUB-TOTAL:	3,247 3,192 3,434			N			,600 3,60	0 3.600		
VOLTAGE: 120/208	3 PH. 4W SN	MAIN BUS:	1004		TOTAL WATTS;			47	BANE	
MAIN BREAKER: -	A. FRAME: 60A	A. TRIP:			TOTAL WATTS;				PANEL NO.	l EPAA
	A. FRAME: OUA	A, IKIF.	OUA		<u>-</u>		<u>.</u>	92	110.	
MOUNTING: SURFACE					TOTAL WATTS;	LS	7,0		LOC.	ROOM 2134
MIN 22K AIC					TOTAL WATTS		20	,673		
	<u>LOADS</u>				LOAD CALC	ULATION	IS		INTERRU	PTING CALCULATIONS
LIGHTING	2,673 VA @ 10	0%= 2,673	VA 14	-,073 VA = 1				ASSII	ME INE	SOURCE AND
HVAC	0 LESS CI	J 0		KVA @ 120/		I-42FI Δ				= <u>15KVA</u>
RECEPTACLE & MISC	4800 VA @ * :			: FLAx125%				ME Z =		
	13,200 VA @ 50			. 15 1120/0-	30/1 -00 <u>/1</u>	<u> </u>				/208V, 3PH, 4W = 42A
SPARE	20,673 VA	% = 6,600 14,073						100 1.5	X 42 =	2,800 AIC
_									USF 22	KAIC EQUIPMENT.
C	CONNECTED LOAD	DERATED LOAD		RST 10KVA @ 1		NDED AT	- 500/		<u></u> 1	







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administer construction.



RHH project #

C20-0058 DA project #

director review

PERFORMING ARTS / 2ND FL ONE-LINE / PNL SCHEDULE

2021-05-13

1ST FLOOR ELEVATOR LIGHTING PLAN
ALT NO. 1.1
1/2" = 1'-0"

1ST FLOOR ELEVATOR POWER PLAN
2 ALT 1.1
1/2" = 1'-0"

ELEVATOR \_ EQUIPMENT

FIELD LOCATE IN ELEVATOR
PIT PER ELEVATOR
MANUFACTURE

MOUNTED AT THE TOP OF ELEVATOR SHAFT

1ST FLOOR ELEVATOR SPECIAL

SYSTEMS PLAN ALT 1

1/2" = 1'-0"

WORK THIS DWG WITH CONSTRUCTION NOTES

2 3 5 10 12 13

WORK THIS DWG WITH CONSTRUCTION NOTES

 $\left\langle 1 \right\rangle \left\langle 2 \right\rangle \left\langle 3 \right\rangle \left\langle 6 \right\rangle \left\langle 8 \right\rangle \left\langle 10 \right\rangle$ (11)(12)(16)(30)(31)(39)

WORK THIS DWG WITH CONSTRUCTION NOTES

2 3 10 12 18 20 ENTIRE DWG

RHH project #

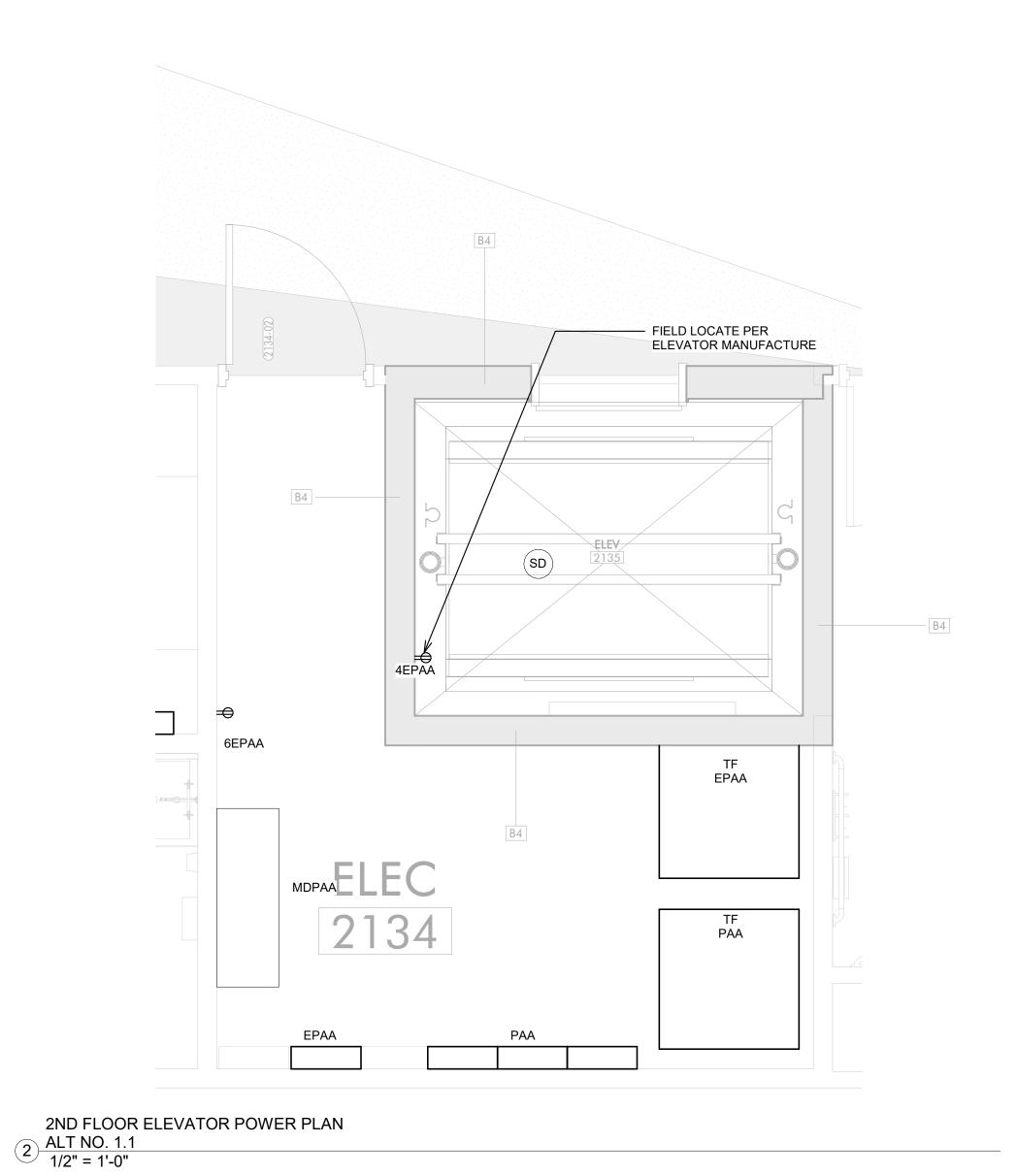
DA project # 2022-01-19

1ST FLR RM 1227 & RM 1228 LTG, PWR, AND SS PLAN ALT. NO. 1.1

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REGISTERED PROFESSIONAL ENGINEER, 1/19/2022

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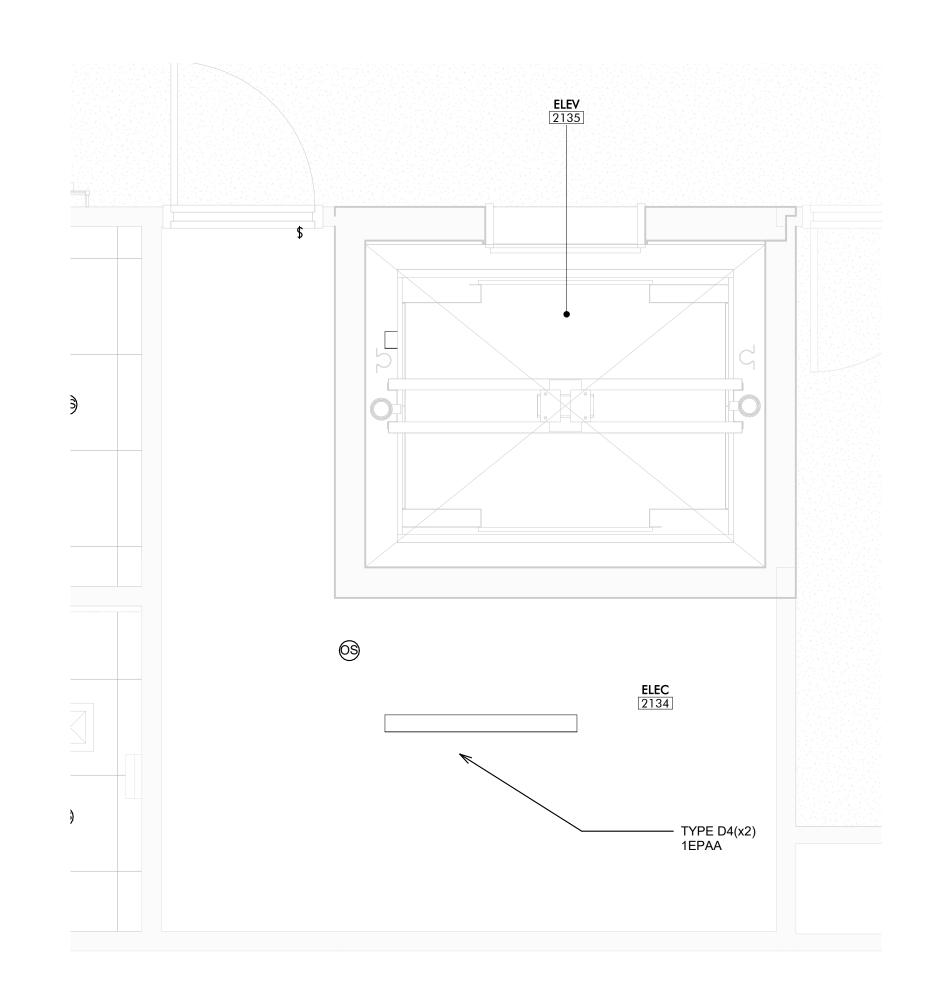


MOUNT AT TOP

OF ELEVATOR SD ELEC SD 2134 2ND FLOOR ELEVATOR SPECIAL

SYSTEMS PLAN ALT NO. 1.1

1/2" = 1'-0"



2ND FLOOR ELEVATOR LIGHTING PLAN
ALT NO. 1.1
1/2" = 1'-0"

WORK THIS DWG WITH CONSTRUCTION NOTES

 $\left\langle 2 \left\langle 3 \right\rangle \left\langle 5 \right\rangle \left\langle 10 \right\rangle \left\langle 12 \right\rangle \left\langle 13 \right\rangle$ ENTIRE DWG 14 15 16 28

WORK THIS DWG WITH CONSTRUCTION NOTES

 $\left\langle 1 \right\rangle \left\langle 2 \right\rangle \left\langle 3 \right\rangle \left\langle 6 \right\rangle \left\langle 8 \right\rangle \left\langle 10 \right\rangle$ ENTIRE DWG 11 12 16 30 31 39

WORK THIS DWG WITH CONSTRUCTION NOTES

2 \ 3 \ 10 \ 12 \ 18 \ 20 \ ENTIRE DWG 

RHH ARCHITECTS, APAC

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RHH project # DA project # 2022-01-19

2ND FLR RM 2134 & RM 2135 LTG, PWR, AND SS PLAN ALT. NO. 1.1

RHH project #

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DOMAIN ARCHITECTURE

baton rouge, la 70802

8316 kelwood avenue baton rouge, la 70806

DA project # 2022-01-19

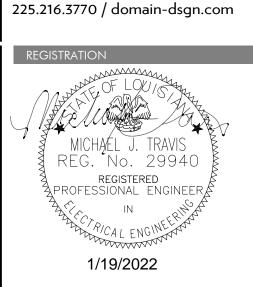
1st FLOOR LIGHTING PLAN ALT. NO. 1.2

1ST FLOOR LIGHTING PLAN ALT. NO. 1.2 1/8" = 1'-0"



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baton rouge, la 70806



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WORK THIS DWG WITH CONSTRUCTION NOTES

2 3 5 10 12 13

14 15 16 28

RHH project # DA project # 2022-01-19

director review

2ND FLOOR LIGHTING PLAN ALT. NO. 1.2

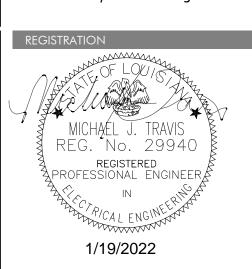
1 2ND FLOOR LIGHTING PLAN ALT. NO. 1.2 1/8" = 1'-0"

RE: FOOD SERVICE DRAWINGS FOR BID BASE AND ALTERNATE NO. 1.2 KITCHEN EQUIPMENT FUTURE (NIC) RE: 4/A02.10 ALTERNATE NO. 1.2: FRESHMAN ACADEMY THIS DRAWING MATCHLINE E03.11 1 1ST FLOOR POWER PLAN ALT NO. 1.2 1/8" = 1'-0"



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RHH project # DA project # 2022-01-19

director review

WORK THIS DWG WITH CONSTRUCTION NOTES

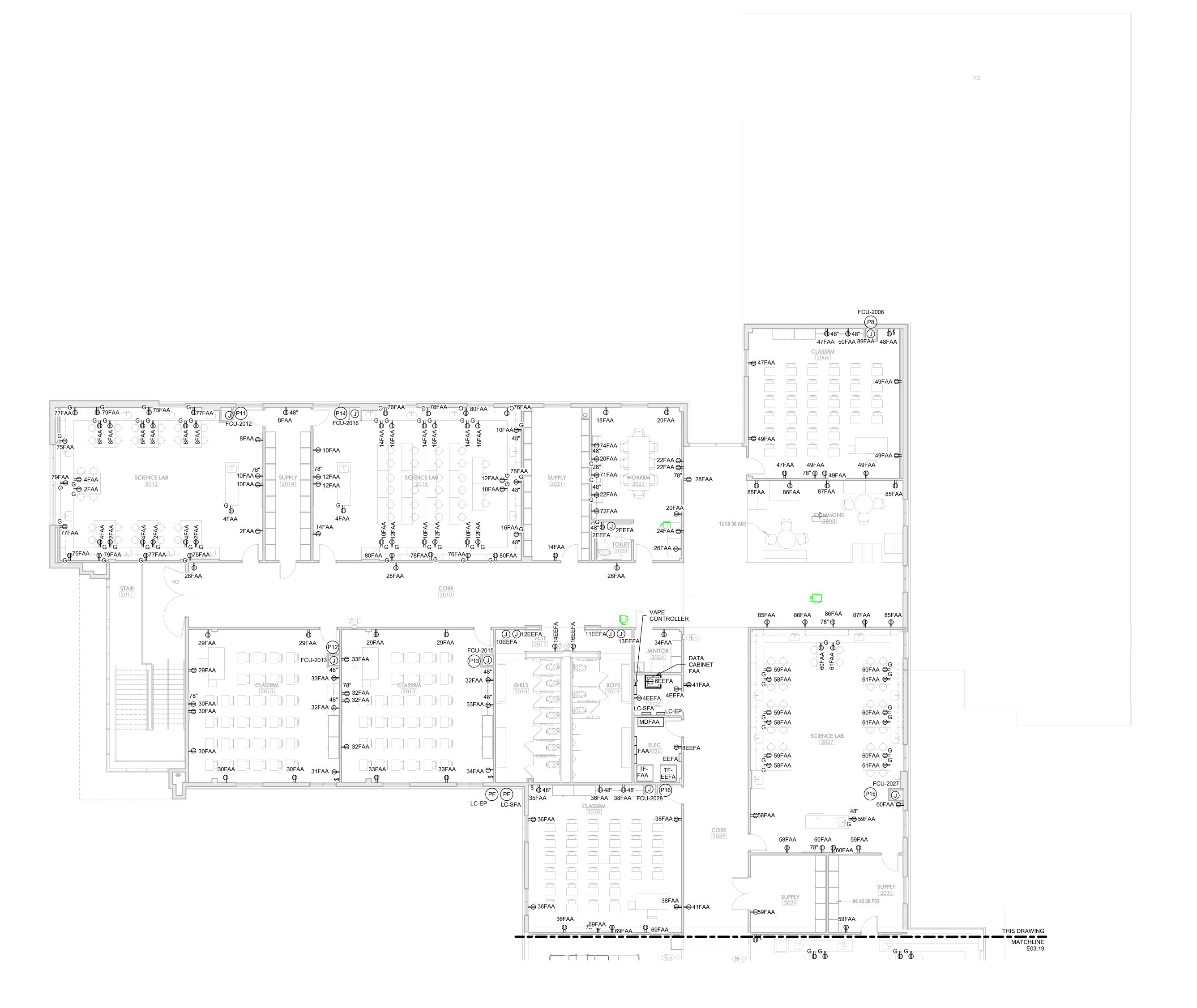
<del>42</del> <del>126</del>

**ENTIRE DWG** 

1 2 3 6 8 10

(11)(12)(16)(30)(31)(39)

1ST FLOOR POWER PLAN ALT. NO. 1.2





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RHH project # DA project #

2022-01-19

WORK THIS DWG WITH CONSTRUCTION NOTES

**ENTIRE DWG** 

 $\langle 1 \rangle \langle 2 \rangle \langle 3 \rangle \langle 6 \rangle \langle 8 \rangle \langle 10 \rangle$ 

(11)(12)(16)(30)(31)(39)

2ND FLOOR POWER PLAN ALT. NO. 1.2

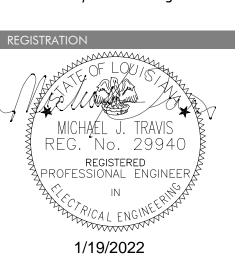
1 2ND FLOOR POWER PLAN ALT. NO. 1.2 1/8" = 1'-0"



WORK THIS DWG WITH CONSTRUCTION NOTES 27 34 39 125 127

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RHH project #

DA project # 2022-01-19

director review 1ST FLOOR SPECIAL SYSTEMS PLAN ALT. NO.



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ALTERNATE 1.2

TYPE

DATA WIRELESS

CAMERA

ENTIRE DWG

TOTAL

DATA CABINET IDF-FAA

WORK THIS DWG WITH CONSTRUCTION NOTES

QUANTITY

2 3 10 12 18 20

\( \frac{21}{22}\)\( \frac{23}{23}\)\( \frac{24}{25}\)\( \frac{26}{27}\)\( \frac{34}{39}\)\( \frac{125}{127}\)\( \frac{127}{34}\)\( \frac{125}{127}\)\( \frac{127}{127}\)\( \frac{127}{127

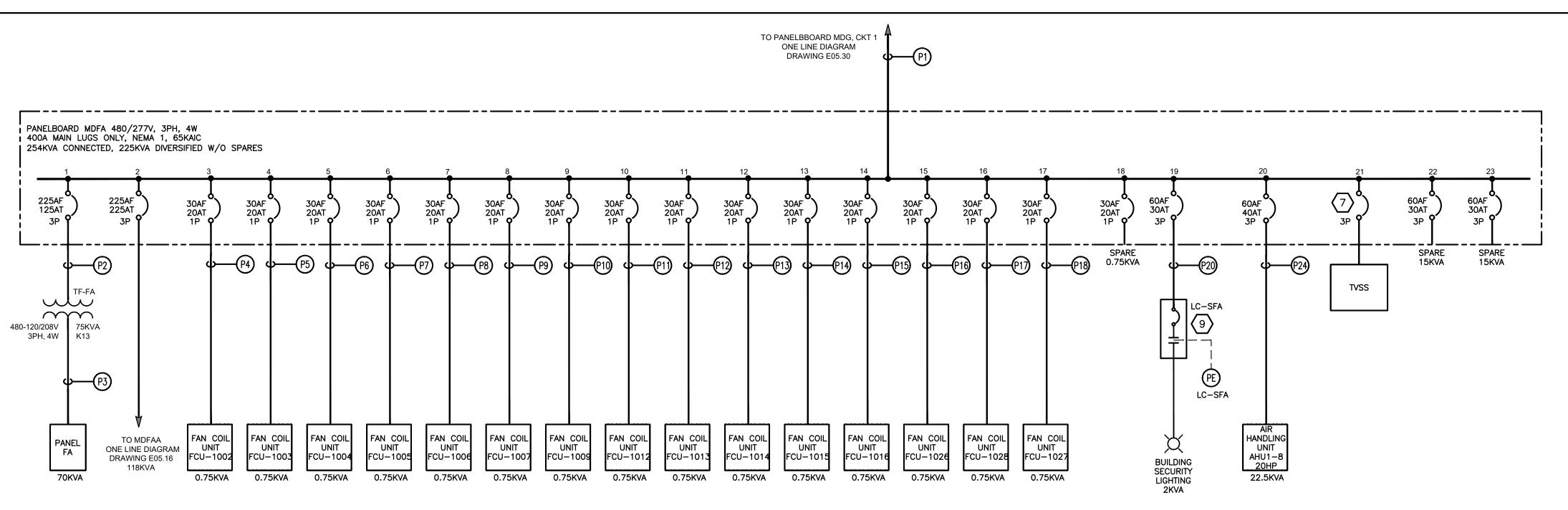
_			S A	<u> </u>
PR	OJECT I	NFORMATI	ON	
	Date			
	Description			
revisions	No.			

RHH project # C20-0058 DA project #

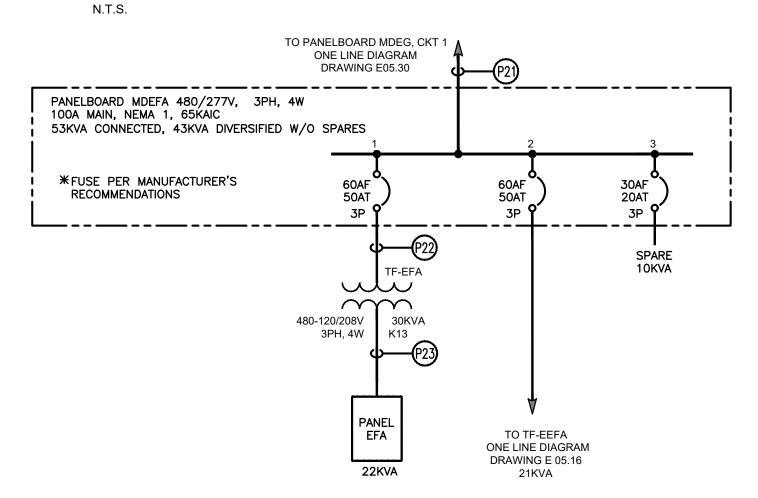
2022-01-19

director review 2ND FLOOR SPECIAL SYSTEMS PLAN ALT. NO. 1.2

2ND FLOOR SPECIAL SYSTEMS PLAN
ALT. NO. 1.2
1/8" = 1'-0"



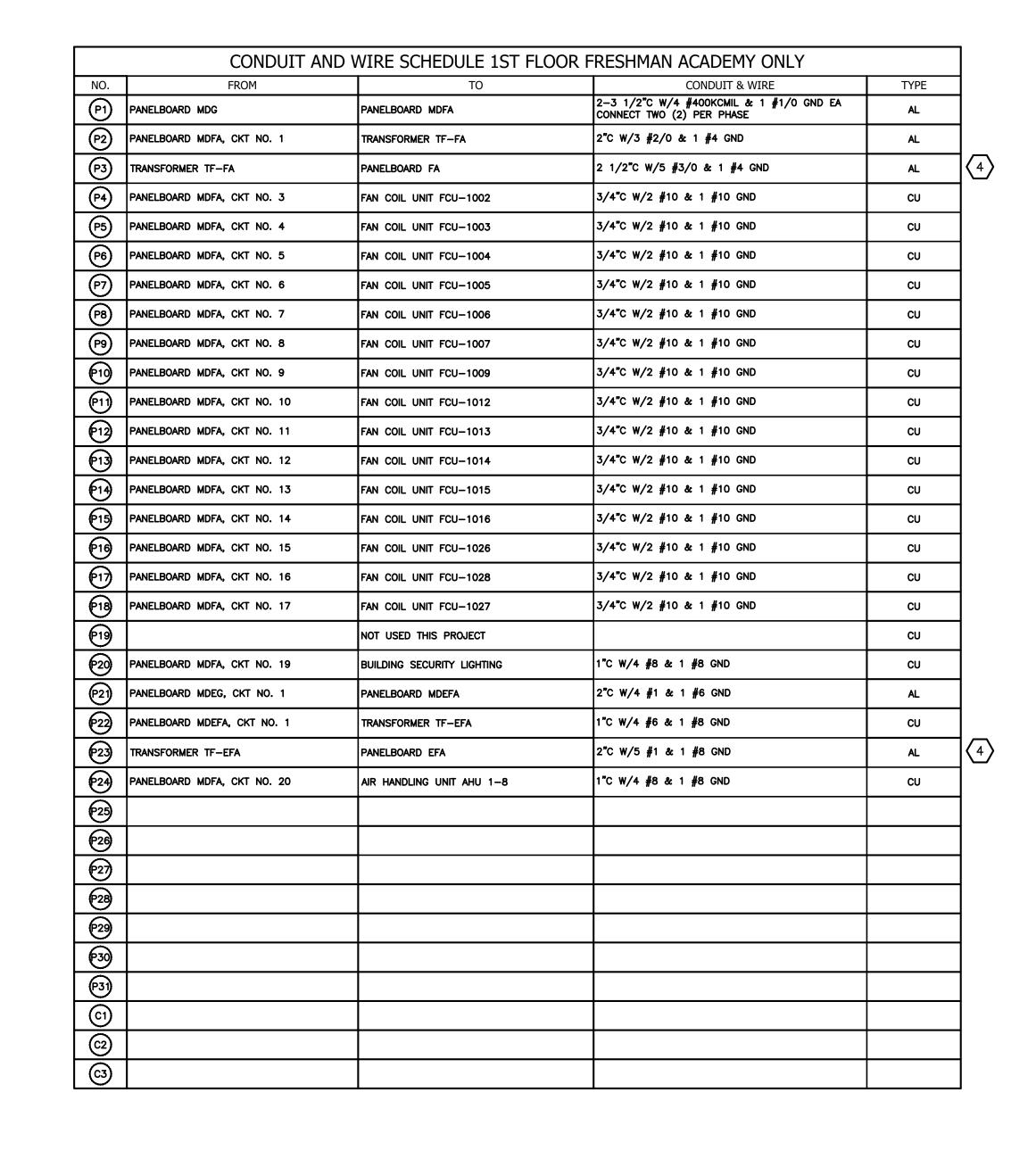
#### 1 1ST FLOOR FRESHMAN ACADEMY NORMAL ONE LINE DIAGRAM



# 2 1ST FLOOR FRESHMAN ACADEMY EMERGENCY ONE LINE DIAGRAM

DIRECTORY	WATTS LOAD	CKT. NO.	BKR. AMPS	CONDUCTOR QTY. & SIZE	CONDUIT INCHES	ر. ا	1 L2 7 Y	L3 7 (	ONDUIT CHES	CONDUCTOR QTY. & SIZE	(R. AMPS	.NO.		ATTS L			DIRECTORY	
	L1 L2 L							<u> </u>	8 <u>≥</u>	98	崙	<u>ठ</u>	L1	L2	L3			
LIGHTING	880 ///////		20	3# 12	1/2	(			1/2	3# 10	20	2	1200		2////	RECEPTA	CLES DATA	
LIGHTING	1034	<u>// 3</u>	20	<u>3# 12</u>	1/2	<u>-</u> -	-	+	1/2	3# 10	20	4		1200		RECEPTA	CLES	
LIGHTING	13	12 5	20	<u>3# 12</u>	1/2	===	_	+==	1/2	3# 10	20	6		<i>X/////</i>	1200	RECEPTA	CLES	
LIGHTING	814	<del>// /</del>	20	3# 12	1/2		+	#	1/2	3# 10 7# 40	20	8	1200	11000	<i>(4)}}</i>	RECEPTA RECEPTA	CLES COLES	
LIGHTING RECEPTACLE	825	<u> </u>	20	3# 12 7# 10	1/2		•	#	1/2	3# 10	20	10	/////	7////	1200	RECEPIA	OLES	
RECEPTACLE RECEPTACLE	1200	// 17	20	3# 10	1/2				1/2	3# 1U	20	14	1200	<i>\}}</i>	77777	RECEPTA RECEPTA	ICLES	
RECEPTACLE RECEPTACLE	1200	15	20	<u>J# 10</u> 3# 1∩	1/2		$\top$	<del>T_</del>	1/2	J# 10 3# 1∩	20	16	7////	1200		EMS PAN	NFI	
RECEPTACLE	1200 ///// 12	0 17	20	3# 10	1/2				1/2	3# 10	20	18	4///	17777	1200	EMS PAN	NFI	
RECEPTACLE	1200	7/19	20	3# 10	1/2		$oldsymbol{\mathbb{T}}$		1/2	3# 10	20	201	<i>////</i> 1200	<b>\///</b>		RECEPTA	CLES	
ACCESS CONTROL	1200	<b>//</b> 21	20	3# 10	1/2				1/2	3# 10	20	22 1	7777	1200		RECEPTA		
SPARE	///////////////////////////////////////	00 23	20	<u>-, , , , , , , , , , , , , , , , , , , </u>	<del>- '/ -</del>		I	<del>_</del>	1/2	3# 10	20	24		11111	1200	RECEPTA	CLES	
SPACE	11/1///////////////////////////////////	<b>///</b> ] 25	i				$\rightarrow$	<u> </u>				26		<b>V////</b>	/////	SPACE		
SPACE		27					-	1~				28				SPACE		
SPACE		29				$\binom{1}{l}$		<u> </u>				30				SPACE		
SPACE		31					$\perp$	<u> </u>				32			24///	SPACE		
SPACE		// 33	<u> </u>			34 /////					SPACE							
SPACE		35				===	_	<del>+</del>				36		<i>X/////</i>	<b>)</b>	SPACE		
SPACE		37				-	+	#				38	,,,,,		<i>2(////</i>	SPACE		
SPACE SPACE		39	_				<b>+</b>	#	1			40		<i></i>		SPACE		
	<u> </u>	41	+					<u> </u>	1			42		<u> </u>	<u> </u>	SPACE		
SUB-TOTAL:	4,094 4,259 4,9	42				_		<b>-</b> N				<u></u>	4,800	4,800	4,80	7		
VOLTAGE: 120/208	3 PH. 4W SN		MAII	N BUS	s: 100	)A			TOTAL	WATTS	; L1			8,89	94	PANEL		
MAIN BREAKER: -	A. FRAME: 100	Α	A	. TRIF	P: 100	)A			TOTAL	WATTS	; L2			9,0	59	NO.	EFA	
MOUNTING: SURFACE									TOTAL					9,74	42	1		
MIN 22K AIC									TOTAL		•			27,0		LOC.	ROOM 2026	
WIIIV ZZIV 7110	LOADS					1												
	LOADS								LOAD	CAL	CUL	<u> ATIO</u>	<u>NS</u>			INTERRU	IPTING CALCULATIONS	
LIGHTING	4,895 VA @	100%	= 4	,895	VA	21.3	295 V	/A =	22 KV	4					ASS	UME INF.	SOURCE AND	
HVAC	0 VA @	100%	=	0	VA	22KVA @ 120/208V, 3PH=61FLA TRANSFORMER= <u>30KVA</u> ASSUME Z = 1.5%												
RECEPTACLE & MISC	21600 VA @	* =	1	5800	VA													
SPARE	1,200 VA @	50%	=	600	VA										100	) x 83 =	5,533 AIC	
	27,695 VA		2	1,295	5 VA	1									I '''	•		
	CONNECTED		DE	RATE	.D	1									··	USE22	<u>KAIC</u> EQUIPMENT.	
	LOAD			LOA		* FIRS	ST 10	KVA @	100%	REMA	IND	=R A	T 50°	%	1			

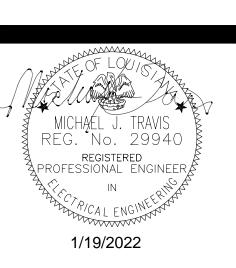
	111213										
DIRECTORY	CKT. NO. CKT	E	Y DIRECTORY	MALLS TOWN OF STANK NO. 17 1 17 17 13 19 19 19 19 19 19 19 19 19 19 19 19 19	SONDUIT OF STATE OF S	CK CK AMPS SIZE ONDUCTOR WALLS FOAT		DIRECTORY	CKT. NO. CKT. NO. SZER. AMPS. SZER.	CONDUIT CONDUI	NO DIRECTORY  WALTS LOAD  DIRECTORY  L1 L2 L3
GENCY LIGHTING	1   20   3#   12   1/2	Color	RECEPTACLES	1200 ///////////////////////////////////	10 1/2 - 1/2	E         B         B         L1         L2           3# 10 20 44 1200 /// 1200 20 46 /// 1200 20 46 /// 1200 20 50 1200 /// 1200 20 50 50 1200 /// 1200 20 50 50 1200 /// 1200 20 50 50 1200 /// 1200 20 50 50 1200 /// 1200 20 50 50 1200 /// 1200 20 50 50 1200 /// 1200 20 50 50 1200 /// 1200 20 50 50 1200 /// 1200 /// 1200 20 50 50 1200 //// 1200 //// 1200 //// 1200 //// 1200 //// 1200 //////////	//// RECEPTACLES	SPARE			20 86 1200   SPARE     20 98   1200   SPARE     20 90   1200   SPARE     20 92 1200   SPARE     20 94   1200   SPARE     20 96   1200   SPARE     20 98 1200   SPARE     20 100   1200   SPARE     20 102   SPARE     20 102   SPARE     104   SPACE     106   SPACE     110   SPACE     111   SPACE     114   SPACE     115   SPACE     116   SPACE     117   SPACE     118   SPACE     119   SPACE     110   SPACE     111   SPACE     111   SPACE     112   SPACE     114   SPACE     115   SPACE     116   SPACE     117   SPACE     118   SPACE     119   SPACE     110   SPACE     111   SPACE     111   SPACE     112   SPACE     114   SPACE     115   SPACE     116   SPACE     117   SPACE     SPA
GENCY LIGHTING	500 /// 3 20 3# 12 1/2 - 1/2 3# 10 20	4 //// 1200 //// RECEPTACLES	RECEPTACLES	1200	10 1/2	20 46 /// 1200	SPARE	SPARE	1200		20 88 //// 1200 //// SPARE
NG	936 5 20 3# 12 1/2 - 1/2 3# 10 20	6 ////// 1200 RECEPTACLES	RECEPTACLES	1200 47 20 3# 1	10 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2	3# 10 20 48	1200 RECEPTACLES	SPARE	1200 89 20		20 90 ////// 1200 SPARE
ING	884 ///// 7   20   3#   12   1/2	8 1200 /////// RECEPTACLES	RECEPTACLES	1200 /// 49 20 3# 1 1200 /// 51 30 3# 1 1200 53 20 3# 1	10 1/2 -	20 50 1200	SPARE	SPARE	1200 ///// 91 20	<u> </u>	20 92 1200 ///// SPARE
NG	936 //// 9 20 3# 12 1/2 - 1/2 3# 10 20	10 //// 1200 //// RECEPTACLES	RECEPTACLES	1200 // 51 30 3# 1	10 1/2 - 1/2	3# 10 20 52 /// 1200	//// RECEPTACLES	SPARE SPARE	1200 /// 93 20 1200 95 20	<del></del>	20 94 //// 1200 //// SPARE
NG NG	1404   11   20   3#   12   1/2	12 /////// 1200 RECEPTACLES	RECEPTACLES	1200   53   20   3#   1	10 1/2 - 1/2	3# 10 20 54	1200   RECEPTACLES	SPARE	1200 95 20	<del>-   _   +   _  </del>	20 96 ////// 1200 SPARE
ING ING	1   20 3# 12   1/2	16 //// 1200 ////// RECEPTACLES	RECEPTACLES RECEPTACLES	1200	10   1/2	3# 10 20 56 1200 //// 3# 10 20 59 ///// 1200	//// RECEPTACIES	SPARE SPARE	1200 //// 97 20 /// 1200 /// 99 20 /// 1200 101 20 /// 103		
NG	936 17 20 3# 12 1/2 - 1/2 3# 10 20	18 ///// 1200 PFCEPTACLES	RECEPTACLES	1200 //// 3/ 20 3# 1	10 1/2 1/2	3# 10 20 50 /// 1200	1200 RECEPTACIES	SPARE	1200 /// 99 20		20 100///// 1200 ///// SPARE
ING	936 ////////////////////////////////////	20 1200 /////// RECEPTACLES	SPARE	1200 ///////////////////////////////////	1/2	3# 10 20 62 1200	RECEPTACLES	SPARE SPACE	103		104 ////// SPACE
PTACLE	936	22 //// 1200 //// RECEPTACLES	RECEPTACLES	1200 //// 63 20 3# 1	10 1/2 - 1/2	3# 10 20 64 //// 1200	RECEPTACLES	SPACE SPACE SPACE SPACE SPACE	105		106 ///// SPACE
PTACLE	1/2   3# 10   1/2     1/2   3# 10   20	24 ///// 1200 RECEPTACLES	RECEPTACLES	1200 65 20 3# 1	10 1/2 - 1/2	3# 10 20 66	1200 RECEPTACLES	SPACE	107		108 ///// SPACE
PTACLE	1200 /////// 25 20 3# 10 1/2 - 1/2 3# 10 20	26 1200 /////// RECEPTACLES	RECEPTACLES	1200 ///////////////////////////////////	10 1/2 - 1/2	3# 10 20 68 1200	//// RECEPTACLES	SPACE	105 107 109 111 113		110 SPACE
PTACLE	1200 /// 27 20 3# 10 1/2 - 1/2 3# 10 20	28 //// 1200 //// RECEPTACLES	RECEPTACLES	1200 /// 69 20 3# 1	10 1/2 - 1/2	3# 10 20 70 1200	//// RECEPTACLES	SPACE	///// 111	-^+^-	112 //// SPACE
PTACLE	1/2   3# 10   20	30 ////////// 1200 RECEPTACLES	RECEPTACLES		10 1/2 - 1/2	3# 10 20 72	1200 RECEPTACLES	SPACE	113		114 ///// SPACE
PTACLE	1200 ///////////////////////////////////	32   1200   RECEPTACLES	AHU 1-8 UV LIGHTS AND AIR F	LTER   1200   73   20   3#   1	10 1/2 - 1/2	3# 10 20 74 1200	RECEPTACLES	SPACE SPACE	113		116 SPACE 118 SPACE
EPTACLE EPTACLE	1200 //// 33   20   3#   10   1/2     1/2   3#   10   20	34 //// 1200 //// RECEPTACLES	AHU 1-8 CONTROLS	1200 /// 75 20 3# 1	10 1/2 - 1/2	3# 10 20 76 /// 1200	RECEPTACLES	SPACE			
EPTACLE EPTACLE	1200 33 20 3# 10 1/2 1/2 3# 10 20	30 /////// 1200 RECEPTACLES	SPARE	1200 /// 70 20	<del>-                                      </del>	20 /8 ////	1200 SPARE	SPACE SPACE	119	<del>-                                     </del>	120   SPACE   122   SPACE   SPACE
EPTACLE	1200 V///// 37 20 3# 10 1/2 1/2 3# 10 20	40 //// 1200 ///// RECEPTACLES	SPARE	1200 /// 79 20 1200 /// 81 20	<del>    [   •                               </del>	20 80 1200 ////	//// SPARE	SPACE	121	<del>-  <mark>†                                  </mark></del>	122 //// SPACE
EPTACLE	1200 41 20 3# 10 1/2 - 1/2 3# 10 20	42 ////// 1200 RECEPTACLES	SPARE	1200 83 20		20 82	1200 SPARE	SPACE	125		126 ////////////////////////////////////
B-TOTAL:	7,066   7,172   8,076	8,400 8,400 8,400		8,400 8,400 8,400		8 400 8 400 1	3 400	SUB-TOTAL:	3,600 3,600 3,600	N	3,600 3,600
-IUIAL:	7,066 7,172 8,076 — N	0,400 0,400 0,400	SUB-TOTAL:				5,400	SUB-IUIAL:	[3,000   3,000   3,000	N	3,000 3,000
			VOLTAGE: 120/208	3 PH. 4W SN MAIN BUS:	: 400A TOTAL WA	ATTS; L1 39,466	PANEL FA				
			MAIN BREAKER: —	A. FRAME: 400A A. TRIP:	: 300A TOTAL WA	ATTS; L2 39,572	NO.				
			MOUNTING: SURFACE		TOTAL WA	ATTS; L3 40,476					
			MIN 22K AIC		TOTAL WA	·	LOC. ROOM 1025				
RST 10KVA @ 100%, REMAIND	IDER AT 50%		LC	ADS	LOAD CALC	CULATIONS	INTERRUPTING CALCULATIONS				
			LIGHTING	9114 VA @ 100%= 9,114 VA			ASSUME INF. SOURCE AND				
				1	69,314 VA = 70 KVA		TRANSFORMER = 75KVA				
			HVAC/PLUMBING	0 VA @ 100%=		- 104 FLA	ASSUME $Z = 1.5\%$				
			RECEPTACLE & MISC	75,600 VA @ * = 42,800 VA	70KVA @ 120/208V =		75KVA @ 120/208V, 3PH, 4W = 208A				
				34,800 VA @ 50% = 17,400 VA	194 FLA x 125% =243	3A = 300A CKT. BKR.	·				
							$\frac{100}{1.5}$ X 208 = 13,867AIC				
				19,514 VA 69,314 VA							
			CONI	IECTED DERATED LOAD LOAD			. USE <u>22KAIC</u> EQUIPMENT.				
				LOAD LOAD	* FIRST 10KVA @ 100%, REMAI	NDER AT 50%					





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3H SCHOOL

PRAIRIEVILLE HIGH
PACKAGE 1

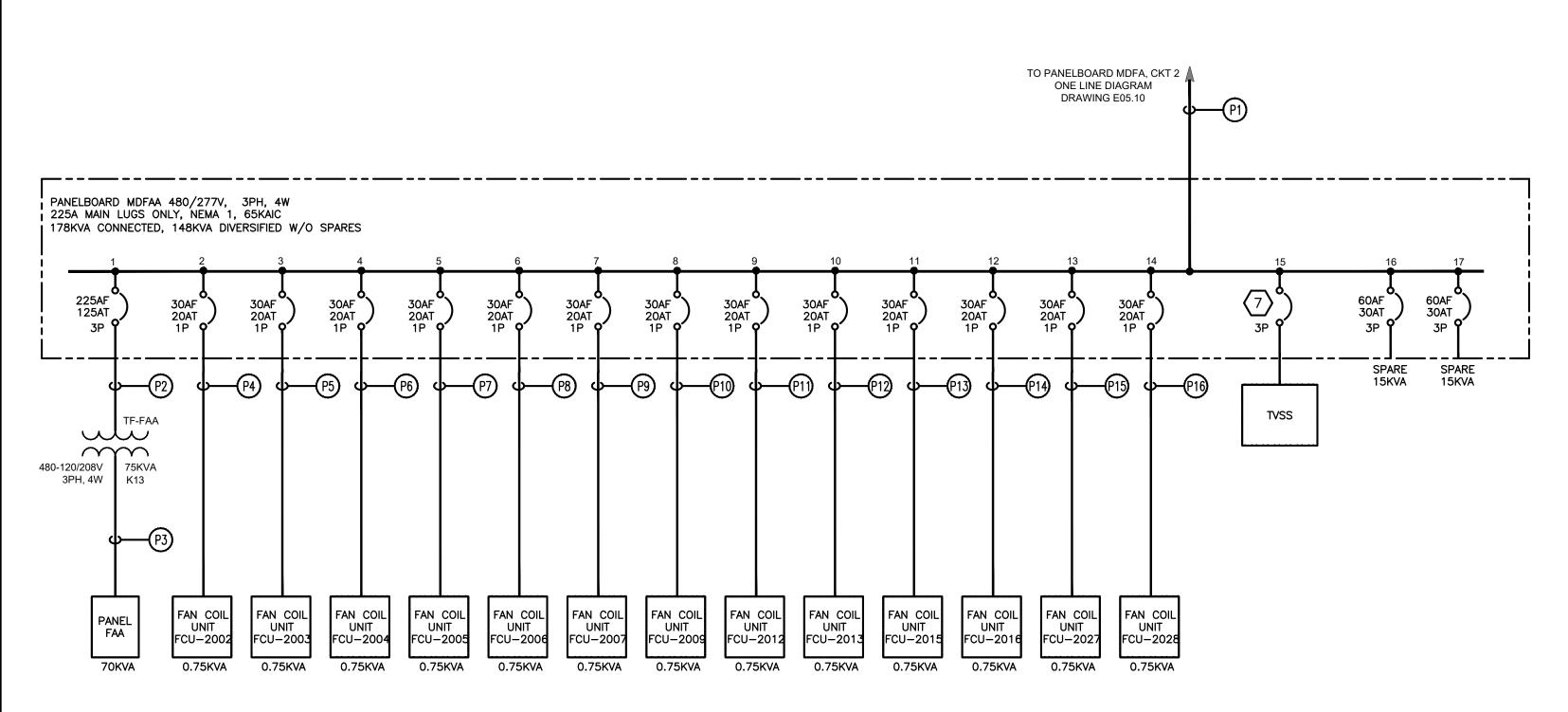
APSB PROJECT NO: 6420601-101
SEALED BID NO: SB-10875

project # 66-17-20 C20-0058

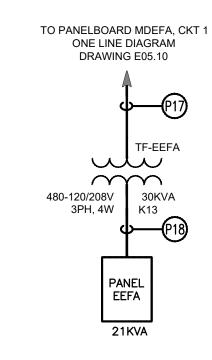
director review

FRESHMAN ACAD / 1ST FL ONE-LINE / PNL SCHEDULE

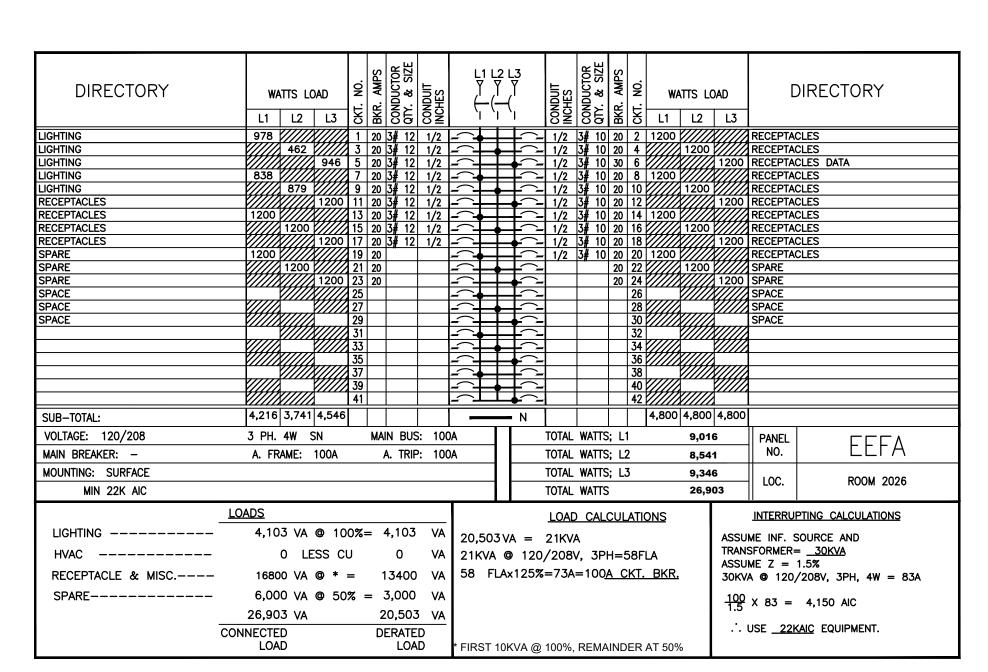
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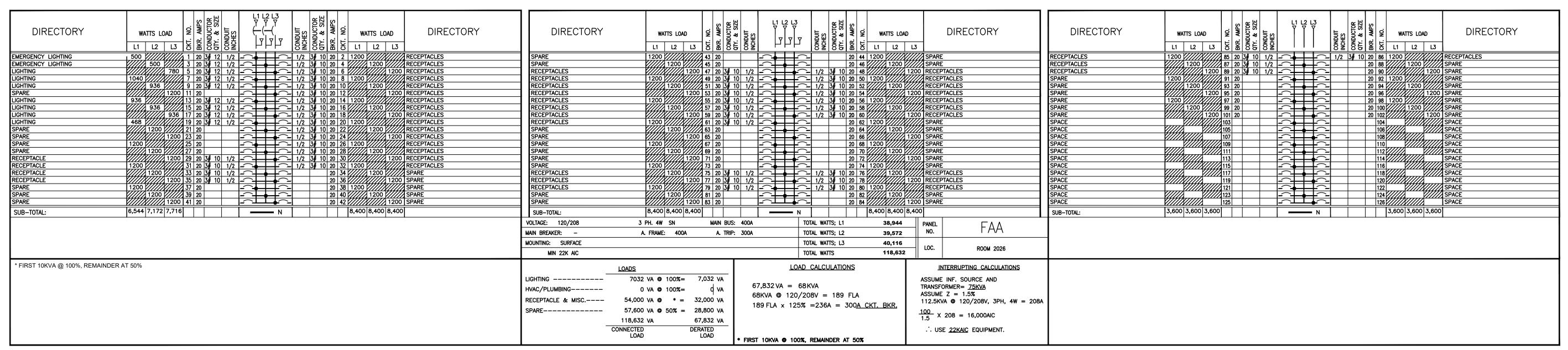






# 2 2ND FLOOR FRESHMAN ACADEMY EMERGENCY ONE LINE DIAGRAM



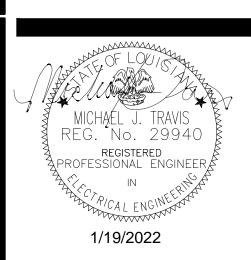


NO.	FROM	ТО	CONDUIT & WIRE	TYPE	
P1	PANELBOARD MDFA, CKT 2	PANELBOARD MDFAA	3"C W/4 #300KCMIL & 1 #1/0 GND	AL	
P2)	PANELBOARD MDP, CKT NO. 1	TRANSFORMER TF-FAA	2"C W/3 #2/0 & 1 #4 GND	AL	
P3	TRANSFORMER TF-FAA	PANELBOARD FAA	2 1/2°C W/5 #3/0 & 1 #4 GND	AL	
P4)	PANELBOARD MDE, CKT NO	FAN COIL UNIT 2002	3/4"C W/2 #10 & 1 #10 GND	cu	
P5)	TRANSFORMER TF-EFA	FAN COIL UNIT 2003	3/4"C W/2 #10 & 1 #10 GND	CU	
P6	PANELBOARD MDFAA, CKT NO. 4	FAN COIL UNIT 2004	3/4"C W/2 #10 & 1 #10 GND	cu	
P7)	PANELBOARD MDFAA, CKT NO. 5	FAN COIL UNIT 2005	3/4"C W/2 #10 & 1 #10 GND	CU	
P8	PANELBOARD MDFAA, CKT NO. 6	FAN COIL UNIT 2006	3/4"C W/2 #10 & 1 #10 GND	CU	
P9	PANELBOARD MDFAA, CKT NO. 7	FAN COIL UNIT 2007	3/4"C W/2 #10 & 1 #10 GND	CU	
210	PANELBOARD MDFAA, CKT NO. 8	FAN COIL UNIT 2009	3/4"C W/2 #10 & 1 #10 GND	CU	
P1)	PANELBOARD MDFAA, CKT NO. 9	FAN COIL UNIT 2012	3/4"C W/2 #10 & 1 #10 GND	CU	
212	PANELBOARD MDFAA, CKT NO. 10	FAN COIL UNIT 2013	3/4"C W/2 #10 & 1 #10 GND	CU	
213	PANELBOARD MDFAA, CKT NO. 11	FAN COIL UNIT 2015	3/4"C W/2 #10 & 1 #10 GND	CU	
P14)	PANELBOARD MDFAA, CKT NO. 12	FAN COIL UNIT 2010	3/4"C W/2 #10 & 1 #10 GND	CU	
P15)	PANELBOARD MDFAA, CKT NO. 13	FAN COIL UNIT 2027	3/4"C W/2 #10 & 1 #10 GND	CU	
P16	PANELBOARD MDFAA, CKT NO. 14	FAN COIL UNIT 2028	3/4"C W/2 #10 & 1 #10 GND	CU	
217	PANELBOARD MDEFA, CKT NO. 2	TRANSFORMER TF-EEFA	1"C W/3 #6 & 1 #8 GND	CU	
P18)	TRANSFORMER TF-EEFA	PANELBOARD EEFA	2"C W/5 #1 & 1 #6 GND	AL	
P19					
P20)					_



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V CONSTRUCTION OF AIRIEVILLE HIGH SCHOOL CKAGE 1

Description Date
PRAIRIE
PRAIRIE
PACKA(
APSB PROJECT NG
SEALED BID NO:
40070 PARKER

ject # 66-17-20 ct # C20-0058

RHH project # 66-17-20

DA project # C20-0058

date 2021-05-13

director review

FRESHMAN ACAD / 2ND FL ONE-LINE / PNL SCHEDULE

12.08