



Addendum #3

March 23, 2023

Genoa Bank
Fremont Branch
1701 West State Street
Fremont, OH 43420
DAP Project No. 22019

This Addendum supplements and amends the original Drawings and Specifications dated February 16, 2023. It shall be taken into account in preparing bids, and shall become a part of the contract documents. This Addendum shall be receipted on the Bid Form.

DRAWINGS:

Drawing E2.02 *(reissued)*

Item 1: Revised ACU-1, 2 and 3 and CU-1, 2 and 3.

Drawing E3.00 *(reissued)*

Item 1: Revised CU-1, 2 and 3 on panel RP-B.

ATTACHMENTS:

Drawing Sheets E2.02, E3.00

END OF ADDENDUM #3



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SEAL

NOT FOR CONSTRUCTION UNLESS SIGNED & SEALED

Genoa Bank
Fremont Branch Bank
1701 West State Street (Route 20)
Fremont (Sandusky County) Ohio 43420

PROJECT TITLE

ISSUE OR REVISION

03.23.2023 ADDENDUM #3
02.16.2023 PERMITS
DATE ISSUE / REVISION

DESIGNED:

DRAWN: WRB

CHECKED: DTK

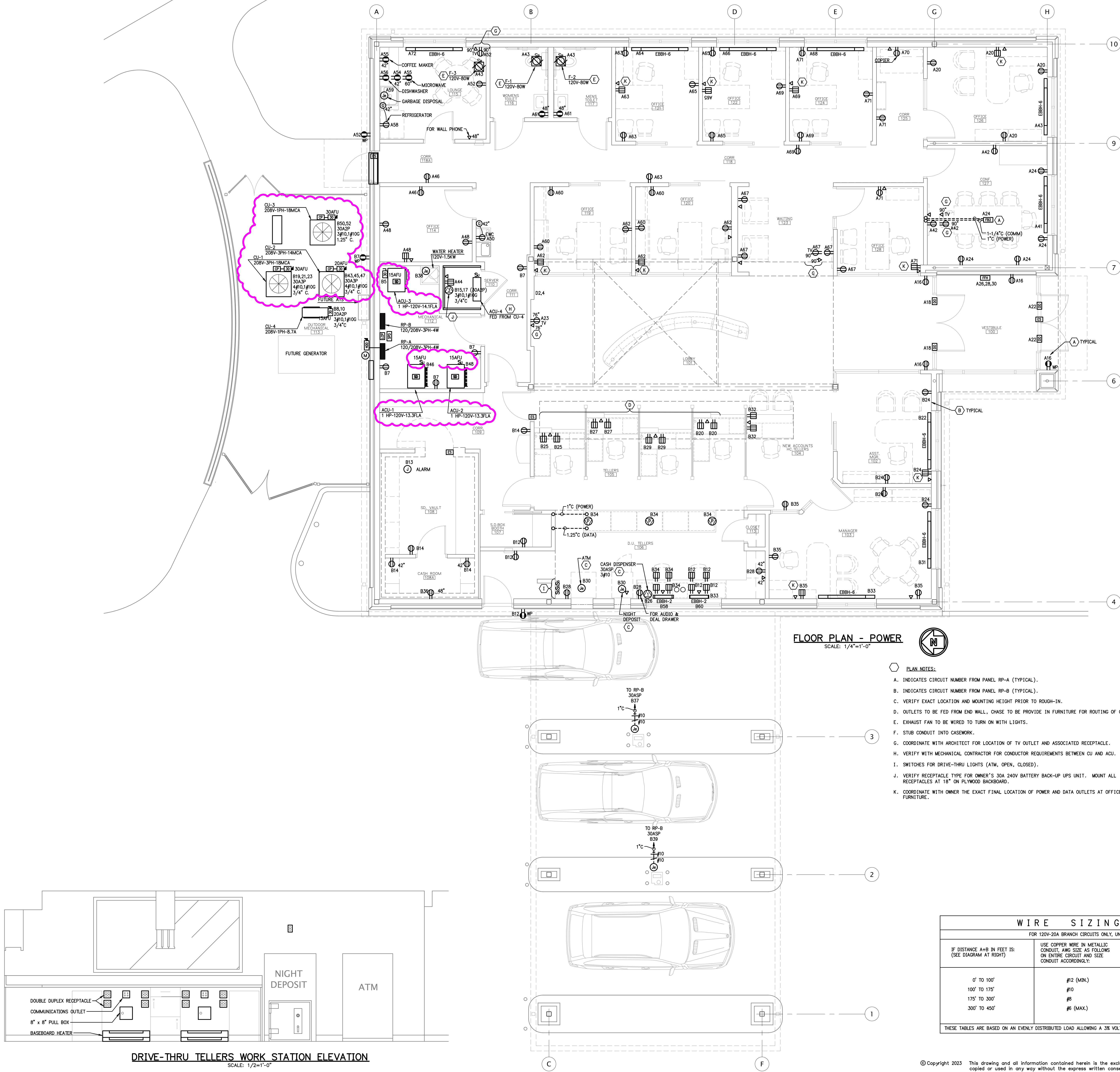
DAP COMMISSION NUMBER: 22019

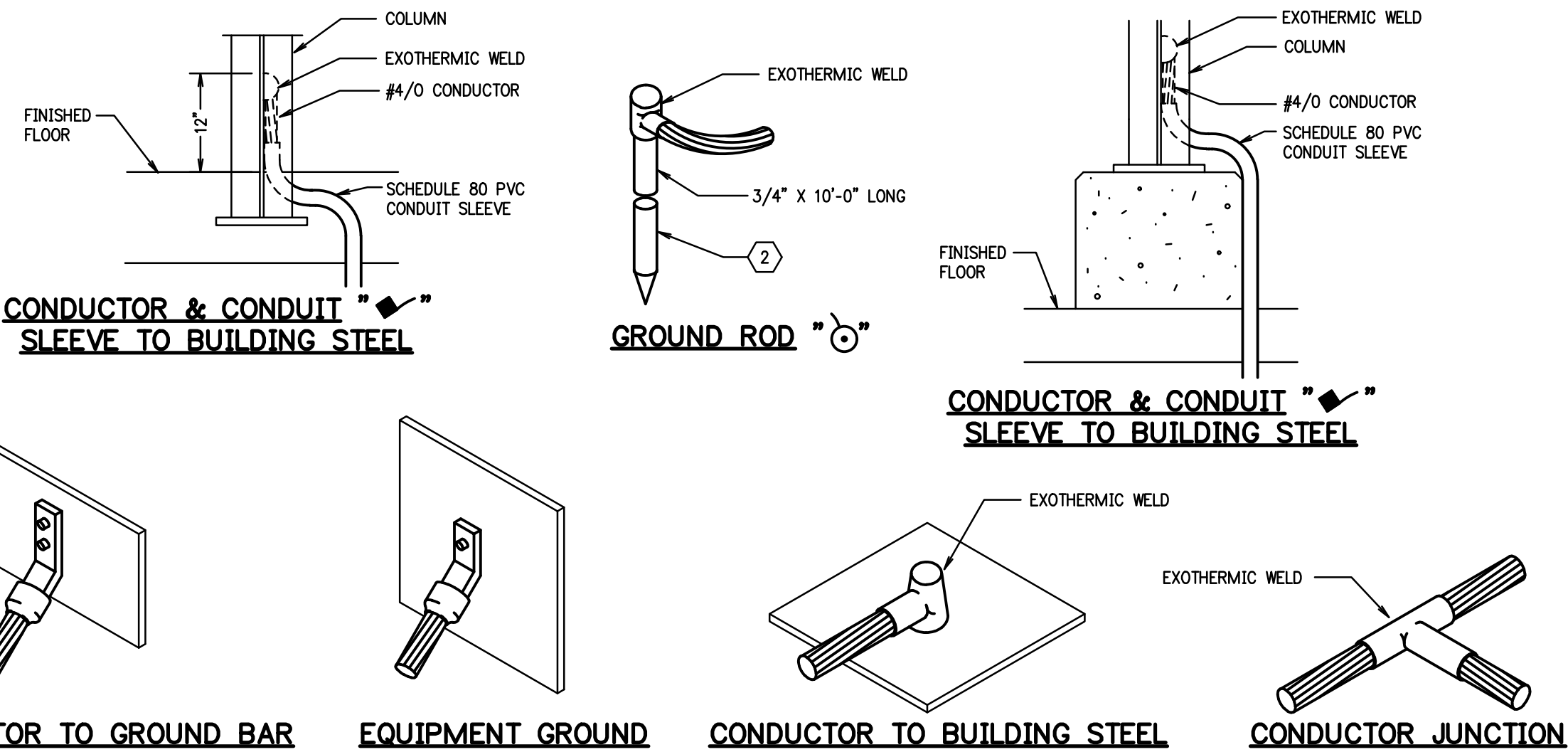
DRAWING TITLE
**FLOOR PLAN
POWER**

DRAWING NUMBER

E2.02

SHEET X OF X



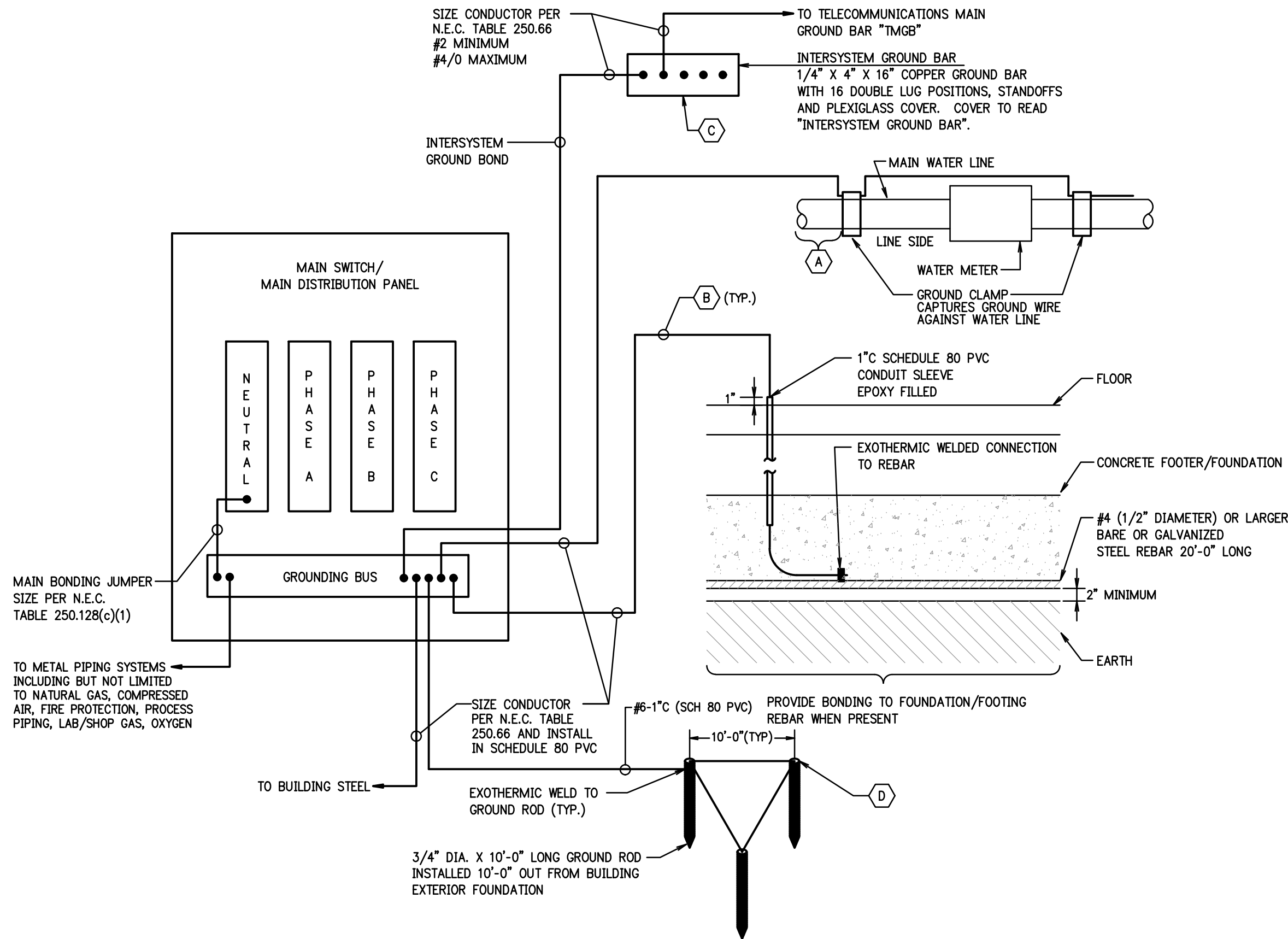


GROUNDING NOTES:

- GROUNDING CONDUCTOR SHALL BE LAID SLACK A MINIMUM OF 18" BELOW FINISHED GRADE (30" BELOW FINISHED GRADE WHERE GROUNDING RING EXISTS).
- GROUND RODS SHALL BE LOCATED A MINIMUM OF 10'-0" AWAY FROM BUILDING. GROUND CONDUCTOR FROM BUILDING THROUGH FOUNDATION SHALL BE INSTALLED IN SCHEDULE 80 PVC CONDUIT.
- GROUND RESISTANCE SHALL BE 3 OHMS MAXIMUM. ADDITIONAL RODS OR ROD EXTENSIONS SHALL BE DRIVEN TO OBTAIN THIS VALUE BY TEST.
- ALL GROUND CONDUCTORS SHALL BE A #4/0-7 STRAND SOFT, BARE COPPER CONDUCTOR MINIMUM, UNLESS NOTED OTHERWISE IN THESE DRAWINGS OR SPECIFICATIONS.

GROUNDING DETAILS

SCALE: NONE



MAIN SERVICE GROUNDING NOTES:

- CONDUCTOR TO BE CLAMPED TO LINE SIDE OF MAIN WATER LINE WITHIN 5' OF BUILDING ENTRANCE.
- ALL CONDUCTORS SHALL BE COPPER.
- ALL CONNECTIONS TO INTERSYSTEM GROUND BAR SHALL BE DOUBLE LUG STYLE.
- PROVIDE INSPECTION WELL AT EACH GROUND ROD PER SPECIFICATIONS.

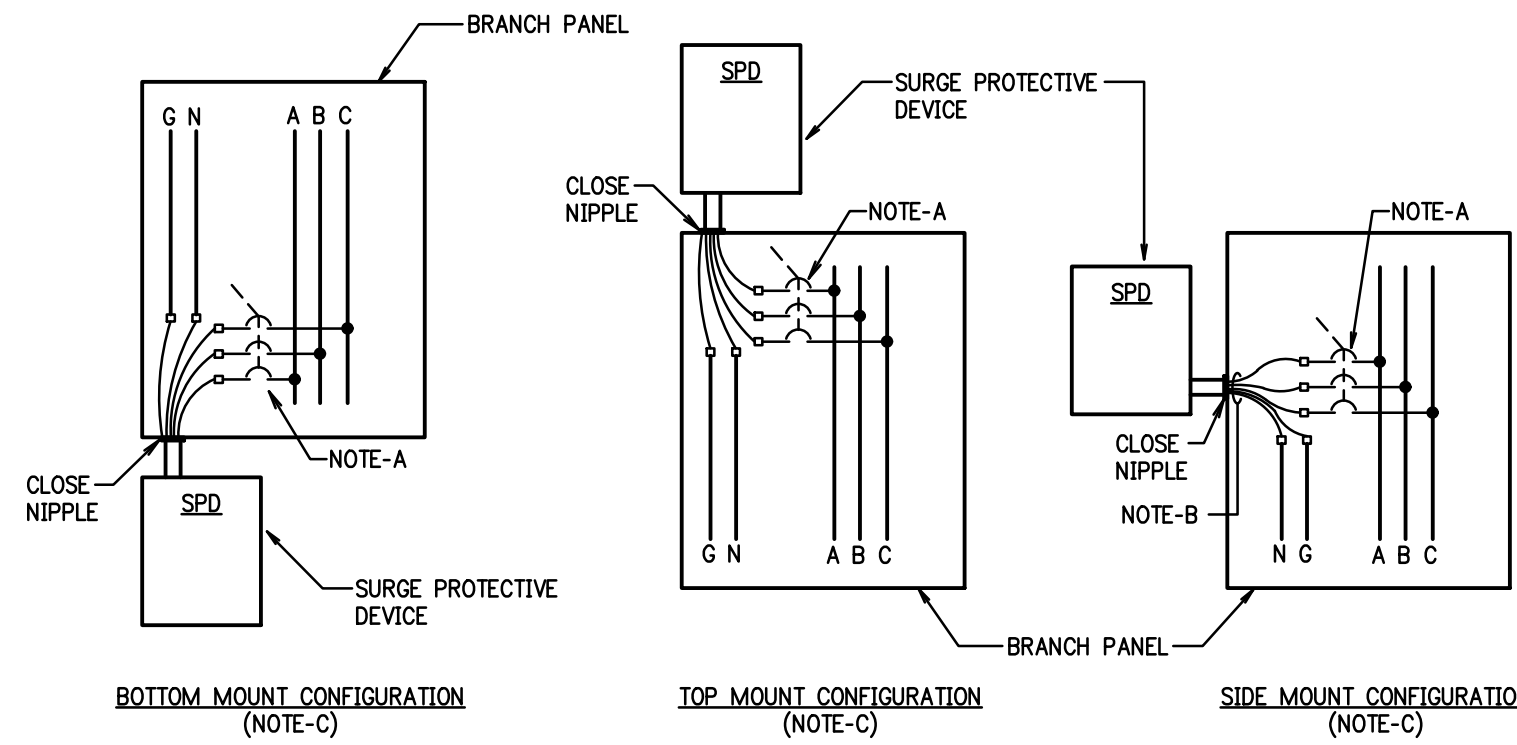
MAIN SERVICE GROUNDING DETAIL

SCALE: NONE

Electrical Service Load Summary		
Load Description	Connected Load	Demand Load
Lighting	11,709 VA	11,709 VA
Receptacle	35,600 VA	22,800 VA
Mechanical	14,124 VA	14,124 VA
Heat	14,176 VA	14,176 VA
Air Conditioning	17,064 VA	17,064 VA
Equipment	29,248 VA	29,248 VA
Kitchen Equipment	4,876 VA	4,876 VA
Grand Total	126,797 VA	113,997 VA
SERVICE VOLTAGE:	120/208V-3PH-4W	
DEMAND AMPCAPACITY AT SERVICE VOLTAGE:	316 A	2023-03-22

RP-A									
400A-M.L. & T.F.L.				VOLTAGE: 120/208V-3PH-4W				SURFACE	
NOTES	LOAD DESCRIPTION	LOAD	BKR AMP	BKR No	PH	BKR AMP	BKR No	LOAD	LOAD DESCRIPTION
	LTC - RM101, 112	768	20	1	A	2	100	100	
	LTC - RM101	832	20	3	B	4	-	100	SURGE PROTECTION
	LTC - DRIVE-THRU CANOPY	792	20	5	C	4	3P	100	
	LTC - GENOA SIGN ON TOWER	500	20	7	A	8	20		SPARE
	LTC - GENOA SIGN ON TOWER	500	20	9	B	10	20		SPARE
	LTC - SIGNS AT ROAD & CURVED WALL	1,102	20	11	C	12	20		SPARE
	LTC - TOWER CEILING	108	20	13	A	14	20		SPARE
	LIGHTING CONTROL PANEL (LCP)	200	20	15	B	16	2P	900	RECEPT. EXT. RM100,101
	LIGHT POLES	516	20	17	C	18	20	1,224	DOOR OPERATOR
		516	2P	19	A	20	20	900	RECEPT. - RM126
	LTC - BLDG. EXTERIOR	875	20	21	B	22	20	1,224	DOOR OPERATOR
	LTC - OUTDOOR MECHANICAL	14	20	23	C	24	20	720	RECEPT. - RM127
	LTC - BLDG. EXTER. RM100	150	20	25	A	26	30	1,667	
	LTC - BLDG. EXTER.	414	20	27	B	28	1,667	FFH-100	
	LTC - BLDG. EXTERIOR	414	2P	29	C	30	3P	1,667	
	LTC - 114-117,119-121,128/ F-1/F-2/F-3	1,110	20	31	A	32	20	1,500	COUNTER - RM101
	LTC - 127,128	385	20	33	B	34	20		SPARE
	SPARE	20	25	C	36	20			SPARE
	SPARE	20	37	A	38	20	500	RECEPT. - RM101	
	SPARE	20	39	B	40	20			SPARE
	EBBH - RM127	1,500	20	41	C	42	20	720	RECEPT. - RM127
	EBBH - RM126	1,500	2P	43	A	44	20	720	RECEPT. L.T. RM1
	SPARE	20	45	B	46	20	360	RECEPT. - RM114,118B	
	SPARE	20	47	C	48	20	540	RECEPT. - RM114	
	SPARE	20	49	A	50	20	1,200	EW - RM111	
	SPARE	20	51	B	52	20	540	REC-HTS. OUTSIDE	
	CCTV EQUIPMENT - 114	360	20	53	C	54	20	1,000	RECEPT. - RM115
	MICROWAVE - RM115	1,500	20	55	A	56	20	1,000	DISHWASHER - RM115
	RECEPT. - RM115	1,000	20	57	B	58	20	2,400	REFRIGERATOR - RM115
	GARBAGE DISPOSAL - RM115	1,176	20	59	C	60	20	540	RECEPT. - RM119,120
	RECEPT. - RM116,117	360	20	61	A	62	20	1,000	RECEPT. - RM119,120
	RECEPT. - 118B,121	900	20	63	B	64	20	1,500	EBBH - RM121
	RECEPT. - 121,122	900	20	65	C	66	20	1,500	EBBH - RM122
	RECEPT. - 123, 128	900	20	67	A	68	20	1,500	EBBH - RM124
	RECEPT. - 118B,122,124	900	20	69	B	70	20	1,500	COPPER - RM125
	RECEPT. - 124,125,128	1,080	20	71	C	72	20	1,500	EBBH - RM115
TOTAL CONNECTED LOAD:		51,145 W			142 AMPS		2023-03-22		

RP-B									
400A-M.L.O.				VOLTAGE: 120/208V-3PH-4W				SURFACE	
NOTES	LOAD DESCRIPTION	LOAD	BKR AMP	BKR No	PH	BKR AMP	BKR No	LOAD	LOAD DESCRIPTION
	LTC - 102,104,105,109	917	20	1	A	2	20	1,125	RCHP - TELLERS 106
	LTC - 103,106,108, DRIVE-THRU SIGNS	932	20	3	B	4	20	1,125	RCHP - TELLERS 106
	ADU-3	1,892	20	5	C	6	20	1,125	RCHP - TELLERS 106
	RECEPT. - RM111,112,113	900	20	7	A	8	20	900	ADU-4
	SPARE		20	9	B	10	2P	900	
	SPARE		20	11	C	12	20	900	RECEPT. - RM106,107, EXTR.
	ALARM - RM106	600	20	13	A	14	20	720	RECEPT. - RM106,109
	L.T. RACKS	1,500	20	15	B	16	20		SPARE
	-	1,500	2P	17	C	18	20		SPARE
	-	2,160	3P	19	A	20	20	720	RECEPT. - RM105
	QU-1	2,160	-	21	B	22	20	1,500	EBBH - 102
	-	2,160	3P	23	C	24	20	1,080	RECEPT. - RM102,103
	RECEPT. - RM105	720	20	25	A	26	30	3,120	CASH DISPENSER - 106
	RECEPT. - RM105	720	20	27	B	28	20	800	AUDIO & SEAL DRAWER - 106
	RECEPT. - RM105	720	20	29	C	30	20	1,200	NIGHT DEPOSIT ATM - 106
	EBBH - RM103	1,500	20	31	A	32	20	720	RECEPT. - RM104
	EBBH - RM103	1,500	20	33	B	34	20	900	RECEPT. - RM106
	RECEPT. - RM103,105,106	1,080	20	35	C	36	20	180	RECEPT. - RM108
	DRIVE THRU	2,400	30	37	A	38	20	1,500	WATER HEATER - RM112
	DRIVE THRU	2,400	30	39	B	40	20	1,200	VIDEO PROJECTOR
	DRIVE THRU	2,400	30	41	C	42	20	200	SPARE
	-	1,680	20	43	A	44	20	1,500	WATER HEATER
	QU-2	1,680	-	45	B	46	20	1,596	ADU-1
	-	1,680	3P	47	C	48	20	1,596	ADU-2
	LTC - ATTIC	300	20	49	A	50	30	1,872	ADU-3
	UPS	2,800	30	51	B	52	2P	1,872	
	UPS	2,800	2P	53	A	54	20		SPARE
	UPS	2,800	30	55	A	56	20	1,500	EBBH-6 - D.U. TELLERS 106
	UPS	2,800	2P	57	B	58	20	650	EBBH-2 - D.U. TELLERS 106
	SPARE		20	59	C	60	20	650	EBBH-2 - D.U. TELLERS 106
	SPARE		20	61	A	62	20		SPARE
	SPARE		20	63	B	64	20		SPARE
	SPARE		20	65	C	66	20		SPARE
	SPARE		20	67	A	68	20		SPARE
	SPARE		20	69	B	70	20		SPARE
	SPARE		20	71	C	72	20		SPARE
TOTAL CONNECTED LOAD:		75,652 W			210 AMPS		2023-03-22		



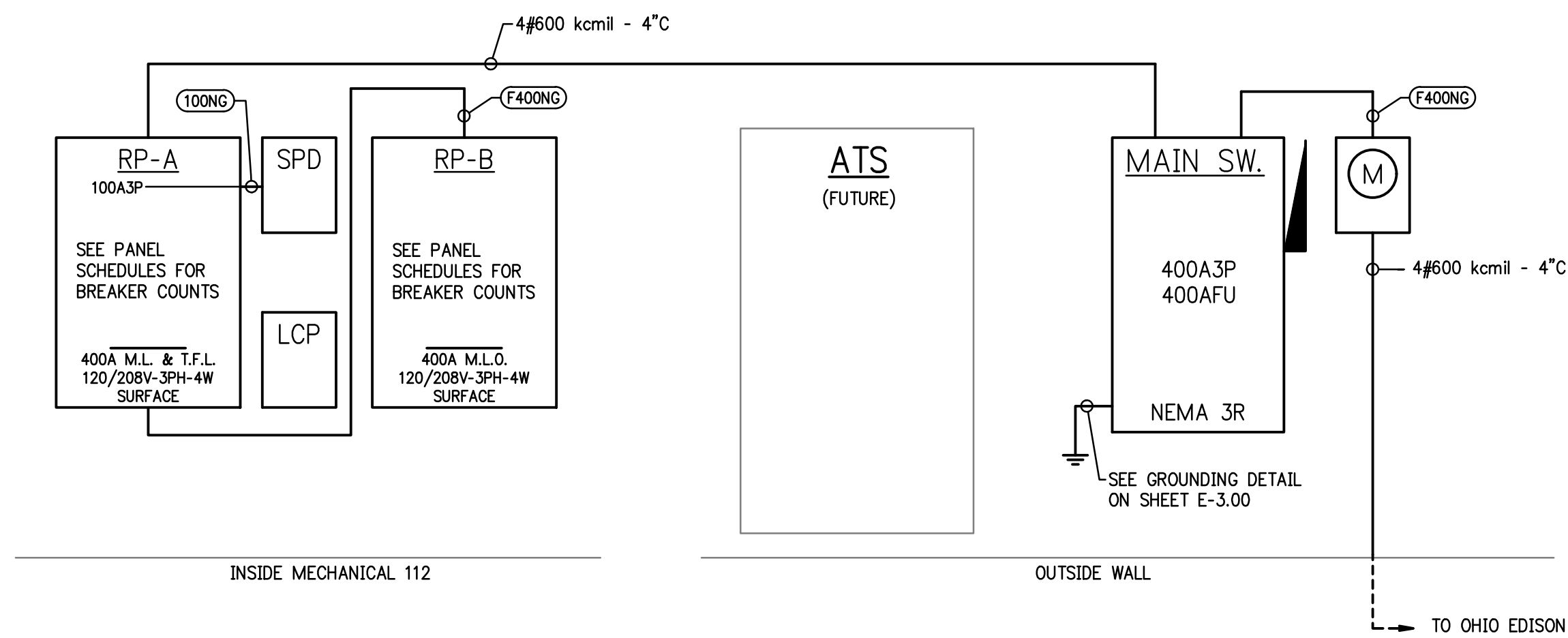
NOTES:

- CIRCUIT BREAKER FEEDING THE SURGE PROTECTIVE DEVICE SHALL BE INSTALLED DIRECTLY ACROSS FROM THE CONDUIT NIPPLE CONNECTING THE PANEL AND SURGE PROTECTIVE DEVICE. CIRCUIT BREAKERS SHALL BE LOCATED WITHIN PANEL AS REQUIRED TO ACCOMMODATE THIS INSTALLATION.
- PHASE NEUTRAL AND GROUND CONDUCTORS SHALL BE INSTALLED WITH THE SHORTEST LENGTH POSSIBLE WITH THE NEUTRAL AND GROUND CONNECTION BEING MADE IN CLOSE PROXIMITY TO THE FEEDER CIRCUIT BREAKER. THE CONDUCTORS SHALL BE INSTALLED TWISTED TOGETHER.
- SIDE, BOTTOM AND TOP MOUNTING OF THE SURGE PROTECTIVE DEVICE ARE ACCEPTABLE. CONTRACTOR SHALL FIELD VERIFY BEST LOCATION WITH PANEL LAYOUT.

SURGE PROTECTIVE DEVICE INSTALLATION DETAIL

SCALE: NONE

FEEDER SCHEDULE		
MARK	3 PHASE - 4 WIRE WITH GROUND	
	COPPER	ALUMINUM
(20NG)	4#12, 1#12G - 1/2"C	
(30NG)	4#10, 1#10G - 3/4"C	
(50NG)	4#8, 1#10G - 1"C	
(60NG)	4#6, 1#10G - 1-1/4"C	
(80NG)	4#4, 1#8G - 1-1/4"C	
(100NG)	4#2, 1#6G - 1-1/2"C	4#1, 1#6G - 1-1/2"C
(125NG)	4#1, 1#6G - 1-1/2"C	4#2/0, 1#4G - 2"C
(150NG)	4#1/0, 1#6G - 1-1/2"C	4#3/0, 1#4G - 2"C
(175NG)	4#2/0, 1#6G - 2"C	4#4/0, 1#4G - 2"C
(200NG)	4#3/0, 1#6G - 2"C	4#250kcmil, 1#4G - 2-1/2"
(225NG)	4#4/0, 1#2G - 2-1/2"C	4#300kcmil, 1#2G - 2-1/2"C
(250NG)	4#250kcmil, 1#2G - 2-1/2"C	4#350kcmil, 1#2G - 3"C
(300NG)	4#350kcmil, 1#2G - 3"C	4#500kcmil, 1#2G - 3"C
(400NG)	4#500kcmil, 1#2G - 3-1/2"C	2(4#250kcmil, 1#1G - 2-1/2"C)
(F400NG)	4#600kcmil, 1#2G - 3-1/2"C	2(4#250kcmil, 1#1G - 2-1/2"C)
(500NG)	2(4#250kcmil, 1#2G - 2-1/2"C)	2(4#350kcmil, 1#1/0G - 3"C)
(600NG)	2(4#350kcmil, 1#1G - 3"C)	2(4#500kcmil, 1#2/0G - 3"C)
(F600NG)	2(4#500kcmil, 1#1/0G - 3-1/2"C)	3(4#400kcmil, 1#3/0G - 3"C)
(1000NG)	3(4#400kcmil, 1#2/0G - 3"C)	3(4#600kcmil, 1#4/0G - 3-1/2"C)
(1200NG)	4(4#350kcmil, 1#3/0G - 3"C)	4(4#500kcmil, 1#250kcmilG - 3"C)
(1600NG)	4(4#600kcmil, 1#4/0G - 3-1/2"C)	6(4#400kcmil, 1#350kcmilG - 3"C)
(2000NG)	5(4#600kcmil, 1#250kcmilG - 4"C)	6(4#600kcmil, 1#400kcmilG - 3-1/2"C)



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DESIGNED:

DRAWN: WRB

CHECKED: DTK

DAP COMMISSION NUMBER: 22019

DRAWING TITLE

PANEL RISER
PANEL SCHEDULES
FEEDER SCHEDULE

DRAWING NUMBER

E3.00

SHEET OF