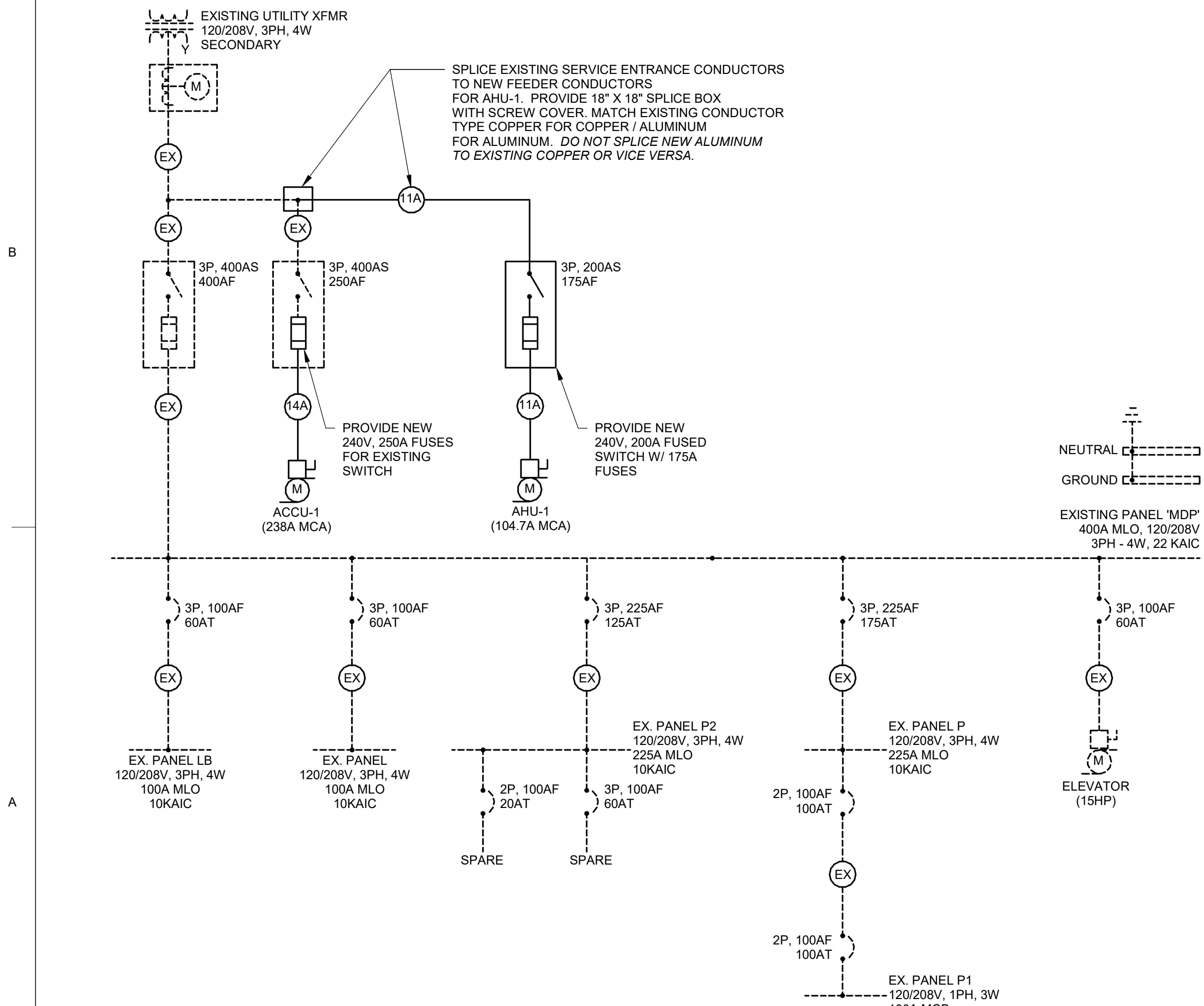


1 ELECTRICAL ONE LINE DIAGRAM - DEMOLITION



2 ELECTRICAL ONE LINE DIAGRAM - NEW WORK

FEEDER SCHEDULE											
FEEDER #	# SETS	CONDUCTORS PER SET		PHASE SIZE	NEUTRAL SIZE	GROUND SIZE	ISOLATED GROUND	CONDUCTOR MATERIAL	VOLTAGE AND INSULATION	CONDUIT SIZE PER SET	AMPACITY
		#PHASE	#NEUTRAL								
1	1	3	1	12 STR	12 STR	12 STR	NO	CU	600V THHN/THWN	3/4"	20
1A	1	3	0	12 STR	12 STR	12 STR	NO	CU	600V THHN/THWN	3/4"	20
1B	1	2	2	12 STR	12 STR	12 STR	NO	CU	600V THHN/THWN	3/4"	20
2	1	3	1	10 STR	10 STR	10 STR	NO	CU	600V THHN/THWN	3/4"	30
2A	1	3	0	10 STR	10 STR	10 STR	NO	CU	600V THHN/THWN	3/4"	30
3	1	3	1	8 STR	8 STR	10 STR	NO	CU	600V THHN/THWN	3/4"	40
3A	1	3	0	8 STR	8 STR	10 STR	NO	CU	600V THHN/THWN	3/4"	40
3B	1	2	0	8 STR	8 STR	10 STR	NO	CU	600V THHN/THWN	3/4"	40
4	1	3	1	6 STR	6 STR	10 STR	NO	CU	600V THHN/THWN	1"	55
4A	1	3	0	6 STR	6 STR	10 STR	NO	CU	600V THHN/THWN	1"	55
4B	1	2	0	6 STR	6 STR	10 STR	NO	CU	600V THHN/THWN	1"	55
5	1	3	1	3	3	6	NO	AL	600V THHN/THWN	1 1/4"	65
5A	1	3	0	3	3	6	NO	AL	600V THHN/THWN	1 1/4"	65
6	1	3	1	2	2	6	NO	AL	600V THHN/THWN	1 1/2"	75
6A	1	3	0	2	2	6	NO	AL	600V THHN/THWN	1 1/2"	75
7	1	3	1	1	1	6	NO	AL	600V THHN/THWN	1 1/2"	85
7A	1	3	0	1	1	6	NO	AL	600V THHN/THWN	1 1/2"	85
8	1	3	1	1/0	1/0	6	NO	AL	600V THHN/THWN	2"	120
8A	1	3	0	1/0	1/0	6	NO	AL	600V THHN/THWN	2"	120
9	1	3	1	1/0	1/0	6	NO	AL	600V THHN/THWN	2"	120
9A	1	3	0	1/0	1/0	6	NO	AL	600V THHN/THWN	2"	120
9B	1	2	1	1/0	1/0	6	NO	AL	600V THHN/THWN	2"	120
10	1	3	1	2/0	2/0	4	NO	AL	600V THHN/THWN	2"	135
10A	1	3	0	2/0	2/0	4	NO	AL	600V THHN/THWN	2"	135
11	1	3	1	4/0	4/0	4	NO	AL	600V THHN/THWN	2 1/2"	180
11A	1	3	0	4/0	4/0	4	NO	AL	600V THHN/THWN	2 1/2"	180
12	1	3	1	250 KCMIL	250 KCMIL	4	NO	AL	600V THHN/THWN	2 1/2"	205
12A	1	3	0	250 KCMIL	250 KCMIL	4	NO	AL	600V THHN/THWN	2 1/2"	205
13	1	3	1	300 KCMIL	300 KCMIL	4	NO	AL	600V THHN/THWN	2 1/2"	230
13A	1	3	0	300 KCMIL	300 KCMIL	4	NO	AL	600V THHN/THWN	2 1/2"	230
14	1	3	1	350 KCMIL	350 KCMIL	2	NO	AL	600V THHN/THWN	3"	250
14A	1	3	0	350 KCMIL	350 KCMIL	2	NO	AL	600V THHN/THWN	3"	250
15	1	3	1	400 KCMIL	400 KCMIL	2	NO	AL	600V THHN/THWN	3"	270
15A	1	3	0	400 KCMIL	400 KCMIL	2	NO	AL	600V THHN/THWN	3"	270
16	1	3	1	500 KCMIL	500 KCMIL	1	NO	AL	600V THHN/THWN	4"	310
16A	1	3	0	500 KCMIL	500 KCMIL	1	NO	AL	600V THHN/THWN	4"	310
17	2	3	1	4/0	4/0	1	NO	AL	600V THHN/THWN	2 1/2"	360
17A	2	3	0	4/0	4/0	1	NO	AL	600V THHN/THWN	2 1/2"	360
18	2	3	1	250 KCMIL	250 KCMIL	1	NO	AL	600V THHN/THWN	2 1/2"	410
18A	2	3	0	250 KCMIL	250 KCMIL	1	NO	AL	600V THHN/THWN	2 1/2"	410
19	2	3	1	250 KCMIL	250 KCMIL	1	NO	AL	600V THHN/THWN	2 1/2"	410
19A	2	3	0	250 KCMIL	250 KCMIL	1	NO	AL	600V THHN/THWN	2 1/2"	410
20	2	3	1	350 KCMIL	350 KCMIL	1/0	NO	AL	600V THHN/THWN	3"	500
20A	2	3	0	350 KCMIL	350 KCMIL	1/0	NO	AL	600V THHN/THWN	3"	500
21	2	3	1	500 KCMIL	500 KCMIL	3/0	NO	AL	600V THHN/THWN	4"	620
21A	2	3	0	500 KCMIL	500 KCMIL	3/0	NO	AL	600V THHN/THWN	4"	620
21B	2	3	0	500 KCMIL	500 KCMIL	N/A	NO	AL	600V THHN/THWN	4"	620
22	3	3	1	400 KCMIL	400 KCMIL	3/0	NO	AL	600V THHN/THWN	3"	810
22A	3	3	0	400 KCMIL	400 KCMIL	3/0	NO	AL	600V THHN/THWN	3"	810
22B	3	3	1	400 KCMIL	400 KCMIL	N/A	NO	AL	600V THHN/THWN	3"	810
23	4	3	1	500 KCMIL	500 KCMIL	250 KCMIL	NO	AL	600V THHN/THWN	4"	1240
23A	4	3	0	500 KCMIL	500 KCMIL	250 KCMIL	NO	AL	600V THHN/THWN	4"	1240
23B	4	3	1	500 KCMIL	500 KCMIL	N/A	NO	AL	600V THHN/THWN	4"	1240
24	6	3	0	400 KCMIL	400 KCMIL	350 KCMIL	NO	AL	600V THHN/THWN	3"	1620
24B	6	3	0	400 KCMIL	400 KCMIL	N/A	NO	AL	600V THHN/THWN	3"	1620

3 ELECTRICAL FEEDER SCHEDULE

H.F. LENZ  
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BID DOCUMENTS

ISSUES

REVISIONS

Sheet Title:  
ELECTRICAL ONE LINE  
DIAGRAM

Project Number: 2022-0204.01

Drawn By: FTR

Checked By: JCS

Date: 12/23/22

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Drawing Number

E601