CONDUIT AND COPPER CABLE SCHEDULE

FEEDER RATING	4 WIRE FEEDERS WITH GROUNDING CONDUCTOR		# SETS	WIRE SIZE (PER SET)		3 WIRE FEEDERS WITH GROUNDING CONDUCTOR	
	IDENTIFIER	CONDUIT SIZE		PHASE & NEUT	GROUND	IDENTIFIER	CONDUIT SIZE
20	A	1/2"	1	12	12	A1	1/2"
30	B	3/4"	1	10	10	B1	3/4"
40	C	3/4"	1	8	10	C1	3/4"
50,60	D	1"	1	6	10	D1	1"
70	E	1-1/4"	1	4	8	E1	1-1/4"
80	F	1-1/4"	1	3	8	F1	1-1/4"
90,100	G	1-1/2"	1	2	8	G1	1-1/4"
110	H	1-1/2"	1	2	6	H1	1-1/4"
125	I	2"	1	1	6	I1	1-1/2"
150	J	2"	1	1/0	6	J1	2"
175	K	2"	1	2/0	6	K1	2"
200	L	2-1/2"	1	3/0	6	L1	2"
225	M	2-1/2"	1	4/0	4	M1	2-1/2"
250	N	3"	1	250 KCMIL	4	N1	2-1/2"
300	O	3"	1	350 KCMIL	4	O1	3"
350	P	4"	1	500 KCMIL	2	P1	4"
400	Q	4"	1	500 KCMIL	2	Q1	4"
450	R	2-1/2"	2	4/0	2	R1	2-1/2"
500	S	3"	2	250 KCMIL	2	S1	2-1/2"
600	T	3"	2	350 KCMIL	1/0	T1	3"
700	U	4"	2	500 KCMIL	1/0	U1	4"
800	V	4"	2	500 KCMIL	1/0	V1	4"
1000	W	4"	3	500 KCMIL	2/0	W1	4"
1200	X	4"	3	600 KCMIL	3/0	X1	4"

GENERAL NOTES

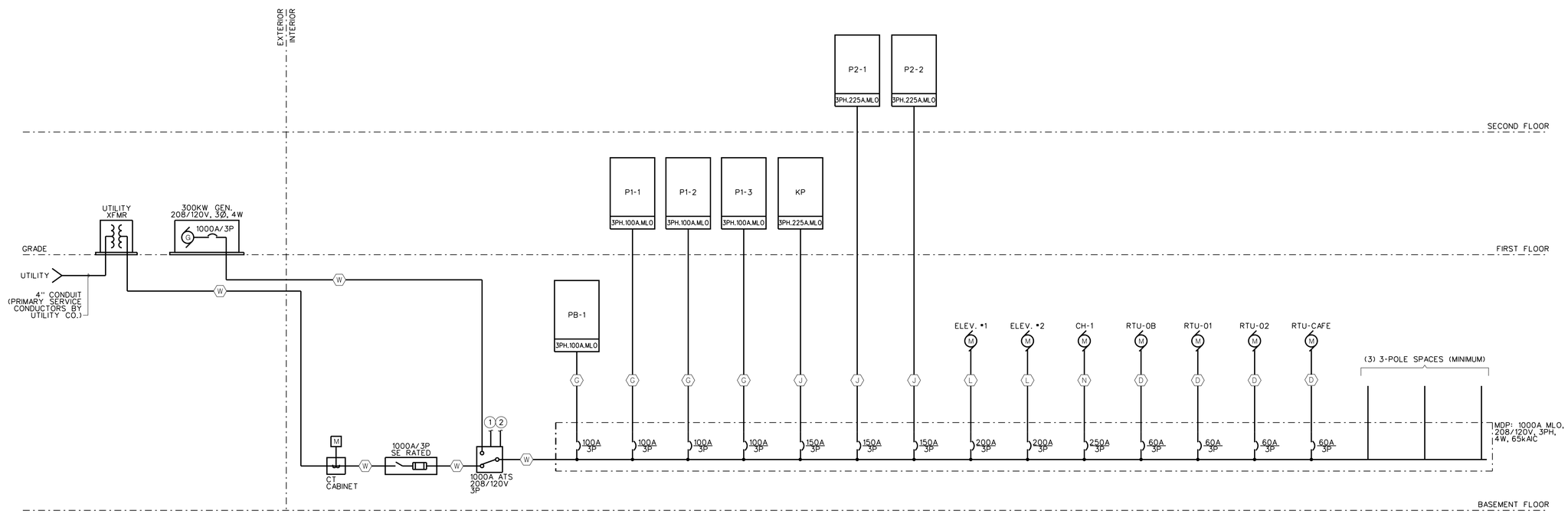
1. IF IDENTIFIER ON ONE-LINE DIAGRAM SHOWS CONDUCTORS SIZED WELL ABOVE OVERCURRENT PROTECTION, VOLTAGE DROP HAS BEEN ACCOUNTED FOR.

2. WHERE MULTIPLE SETS ARE SPECIFIED, PROVIDE 3 PHASE, NEUTRAL AND GROUNDING CONDUCTOR IN EACH CONDUIT. CONDUCTORS AND CONDUITS SHALL BE OF EQUAL LENGTHS AND OF SAME MANUFACTURER.

DRAWING NOTES:

1. PROVIDE CONTROL WIRING AND PROGRAMMING FOR ELEVATOR PRE-TRANSFER SIGNAL. COMPLY WITH ELEVATOR MANUFACTURER'S REQUIREMENTS.

2. PROVIDE CONTROL WIRING FOR INTERFACE WITH BUILDING MANAGMENT SYSTEM (BMS). COORDINATE WITH DIV. 23.



1 E501 ONE-LINE DIAGRAM

SCALE: NONE

BID SET 9-18-20

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DATE: 9/18/2020
REVISED:

PROJECT NO: 203095
DESIGNED BY: CJE
DRAWN BY: CJE
CHECKED BY: RSA
SCALE: AS NOTED
NOTES:

ELECTRICAL ONE-LINE DIAGRAM

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SHEET NO:
E501
OF: