

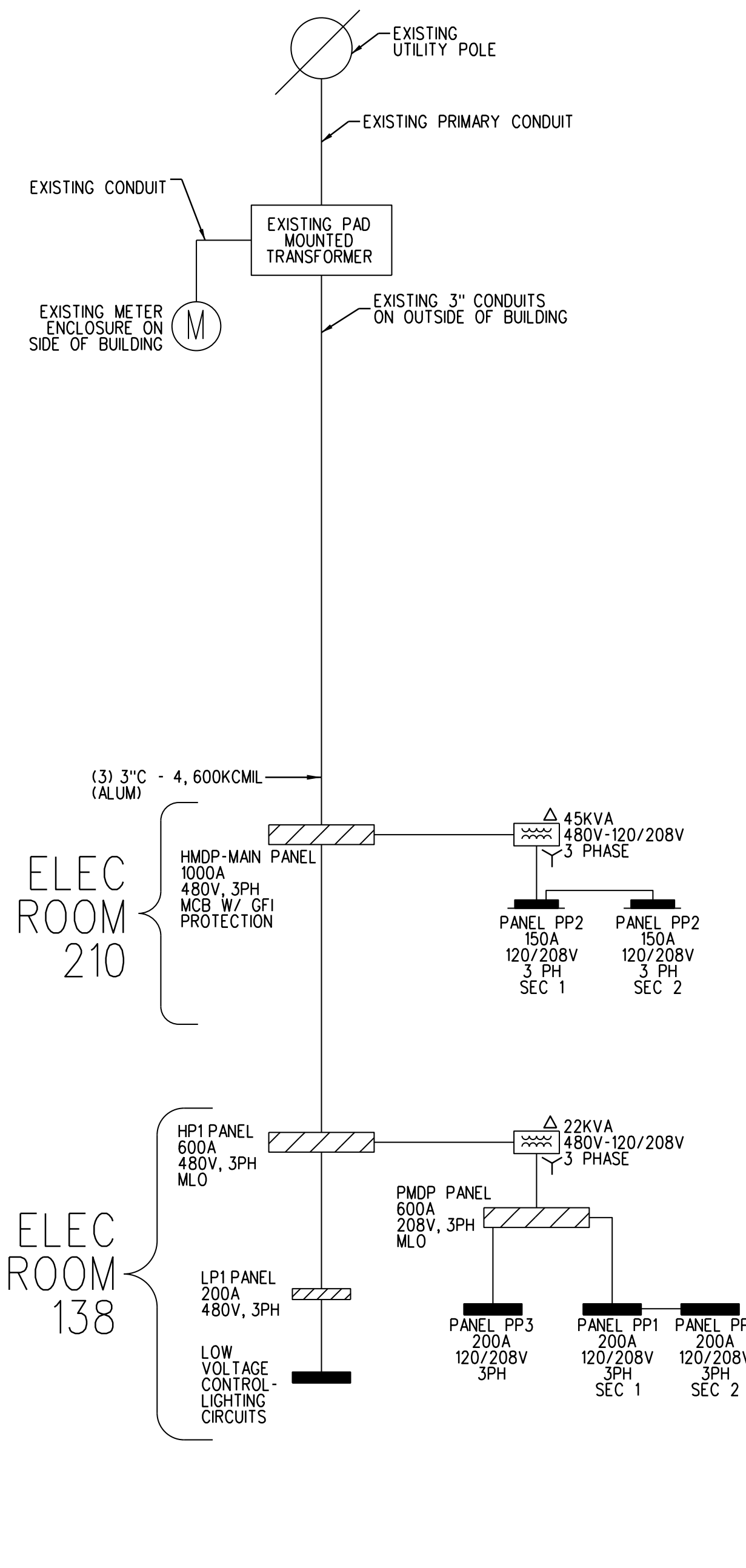
PANEL WSP 120/208 3PH 4W 100 AMP MCB 22K AIC NEMA TYPE 1 (SURFACE)						
CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA
1	GENERAL PURPOSE RECEPTACLE	20	1	2	0.50	1
3	GENERAL RECEPTACLE-DESK LOCATION	20	1	2	0.50	1
5	CHOP SAW RECEPTACLE	20	1	12	0.50	6
7	WELDER RECEPTACLE	20	1	10	0.50	5
9	TORCH RECEPTACLE	20	1	10	0.50	5
11	COMPRESSOR	20	1	15	1.00	15
13	SPARE	20	1	0	0.50	0
15	SPARE	20	1	0	1.00	0
17	SPARE	20	1	0	1.00	0
19	SPARE	20	1	0	1.00	0
21	SPARE	20	1	0	1.00	0
23	SPARE	20	1	0	1.00	0

LOCATION: WELD SHOP 157

PANEL SP 120/208 1PH 3W 60 AMP MCB 22K AIC NEMA TYPE 1 (SURFACE)						
CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA
1	UNINTERRUPTIBLE POWER SUPPLY	20	2	10	0.50	5
3	UNINTERRUPTIBLE POWER SUPPLY	20	2	10	0.50	5
5	CEILING MOUNTED RECEPT FOR PDU	20	1	14	0.50	7
7	CEILING MOUNTED RECEPT FOR PDU	20	1	14	0.50	7
9	GENERAL RECEPTACLE	20	1	8	0.50	4
11	SPARE	20	1	0	0.50	0
13	SPARE	20	1	0	0.50	0
15	SPARE	20	1	0	1.00	0
17	SPARE	20	1	0	1.00	0
19	SPARE	20	1	0	1.00	0
21	SPARE	20	1	0	1.00	0
23	SPARE	20	1	0	1.00	0

LOCATION: SERVER ROOM 209

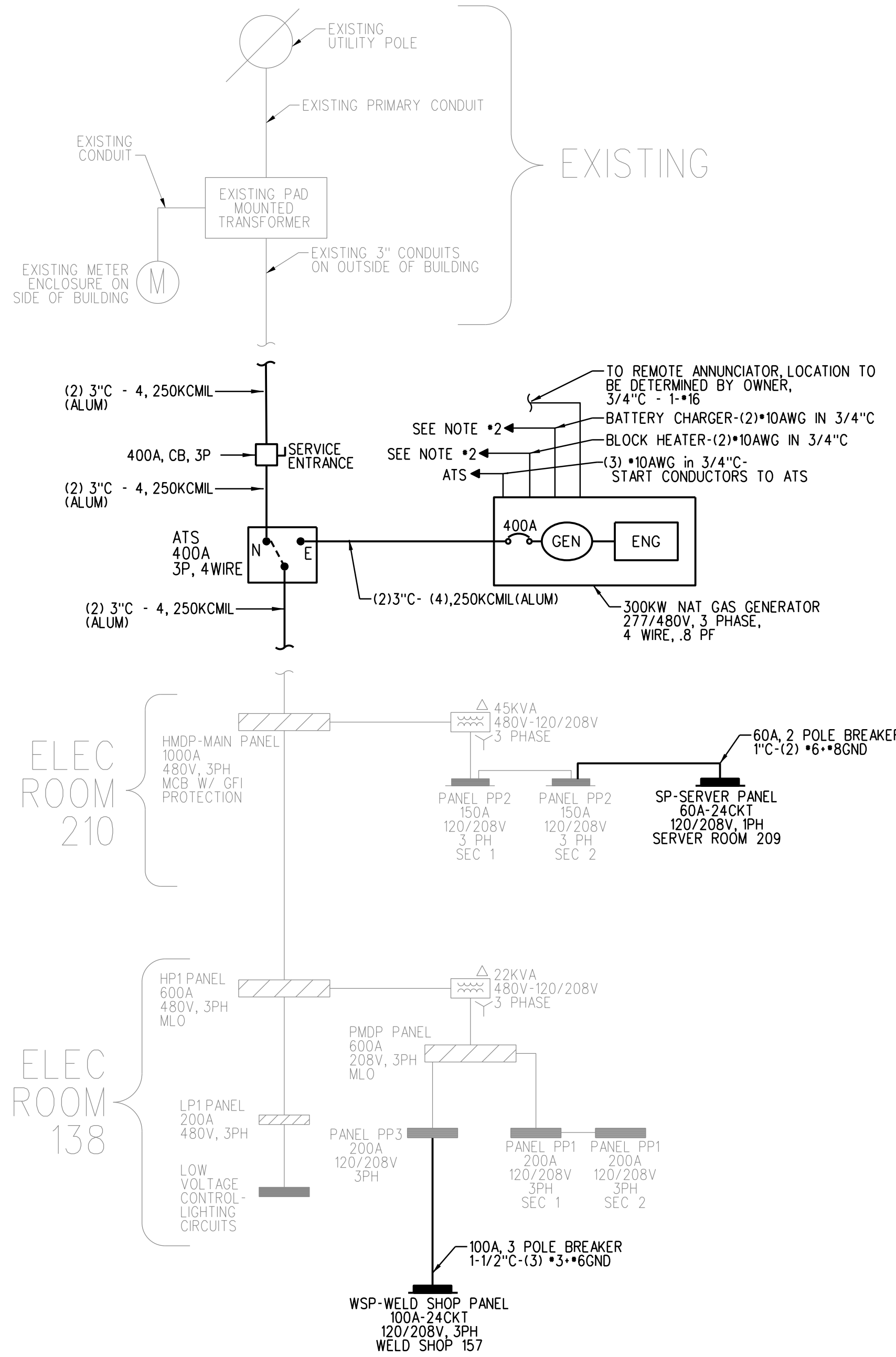
E4 PANEL SCHEDULES FOR NEW PANELS



EXISTING ONE LINE DIAGRAM

NOT TO SCALE

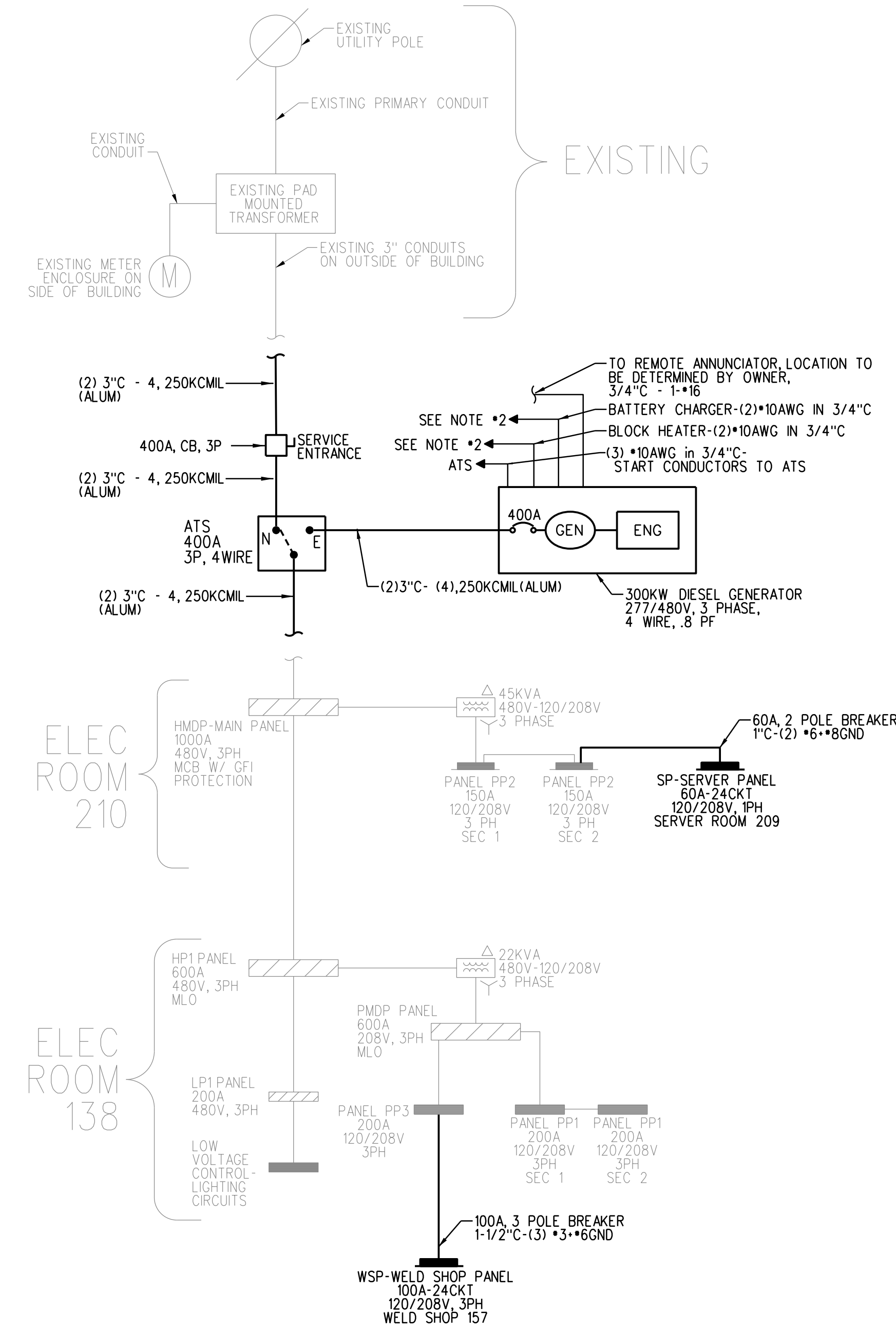
- EXISTING ONE-LINE DIAGRAM DOES NOT REPRESENT THE ENTIRE ELECTRICAL DISTRIBUTION SYSTEM.



BASE BID ONE LINE DIAGRAM

NOT TO SCALE

- PROVIDE LABELS FOR ALL EQUIPMENT INDICATING THE LOCATION OF THE GENERATOR, SERVICE EQUIPMENT AND ATS LOCATIONS FOR THE ENTIRE FACILITY PER NFPA 70.
- CONNECT TO CLOSEST AVAILABLE ELECTRICAL PANEL WITH 30A BREAKER. CONFIRM REQUIRED SIZE WITH GENERATOR MANUFACTURER PRIOR TO ROUGH IN.



DEDUCT ALT#2-ONE LINE DIAGRAM

NOT TO SCALE

- PROVIDE LABELS FOR ALL EQUIPMENT INDICATING THE LOCATION OF THE GENERATOR, SERVICE EQUIPMENT AND ATS LOCATIONS FOR THE ENTIRE FACILITY PER NFPA 70.
- CONNECT TO CLOSEST AVAILABLE ELECTRICAL PANEL WITH 30A BREAKER. CONFIRM REQUIRED SIZE WITH GENERATOR MANUFACTURER PRIOR TO ROUGH IN.

E1 EXISTING ONE LINE DIAGRAM

SCALE: N.T.S.

E2 ONE LINE DIAGRAM-BASE BID

SCALE: N.T.S.

E3 ONE LINE DIAGRAM-DEDUCT ALT #2

SCALE: N.T.S.



DESIGNER  
BENNETT ENGINEERING  
MECHANICAL • ELECTRICAL  
(207) 865-9475

OWNER  
UNITIL  
6 LIBERTY LANE WEST  
HAMPTON, NEW HAMPSHIRE  
03842

PROJECT  
NORTHERN UTILITIES, INC.  
FIT-UP  
400 RIVERSIDE INDUSTRIAL PARKWAY  
PORTLAND, MAINE 04101

DRAWING  
ONE-LINE DIAGRAM/PANEL SCHEDULES

REVISIONS

DRAWING NUMBER  
E3.12

SCALE: As Noted  
DATE: 04/17/15