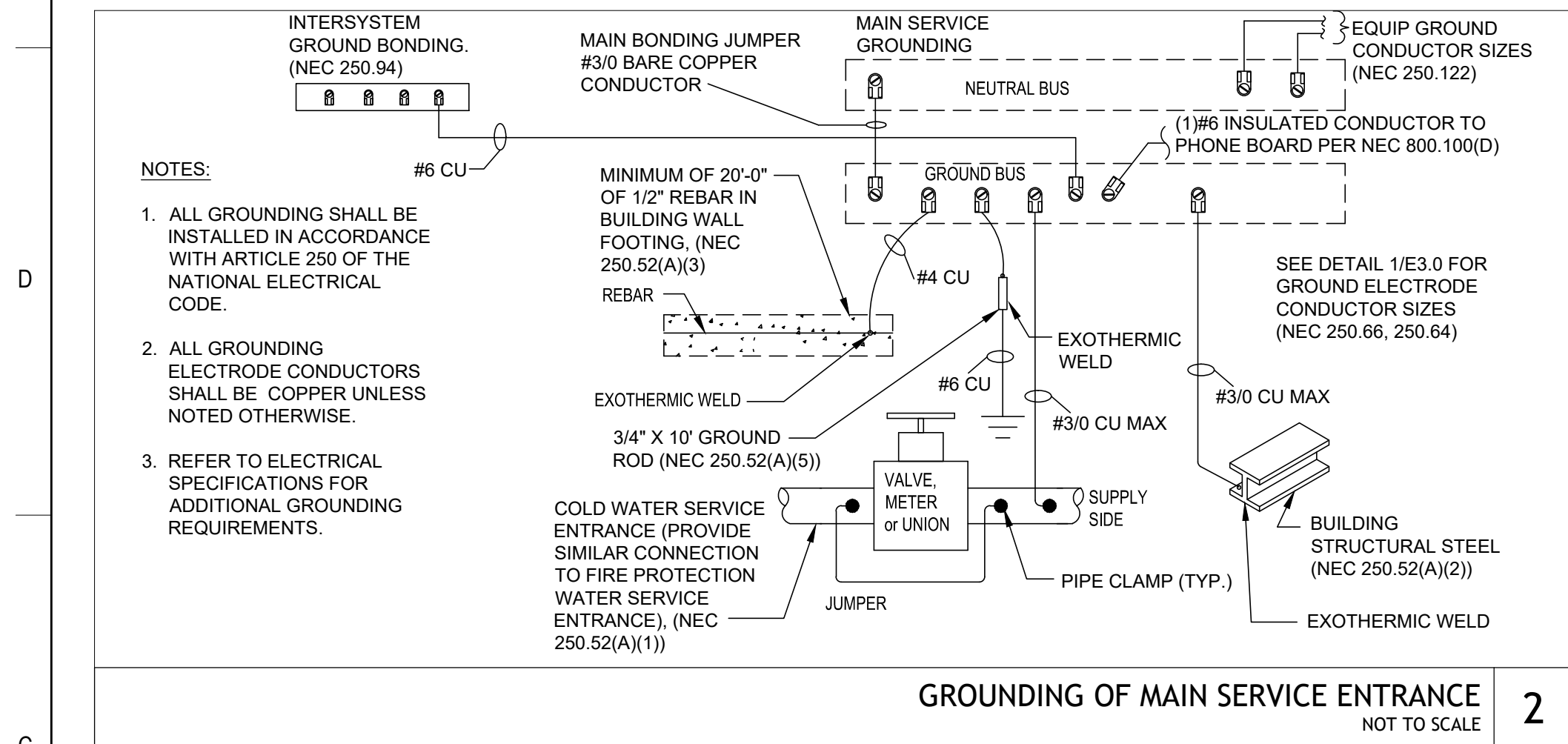
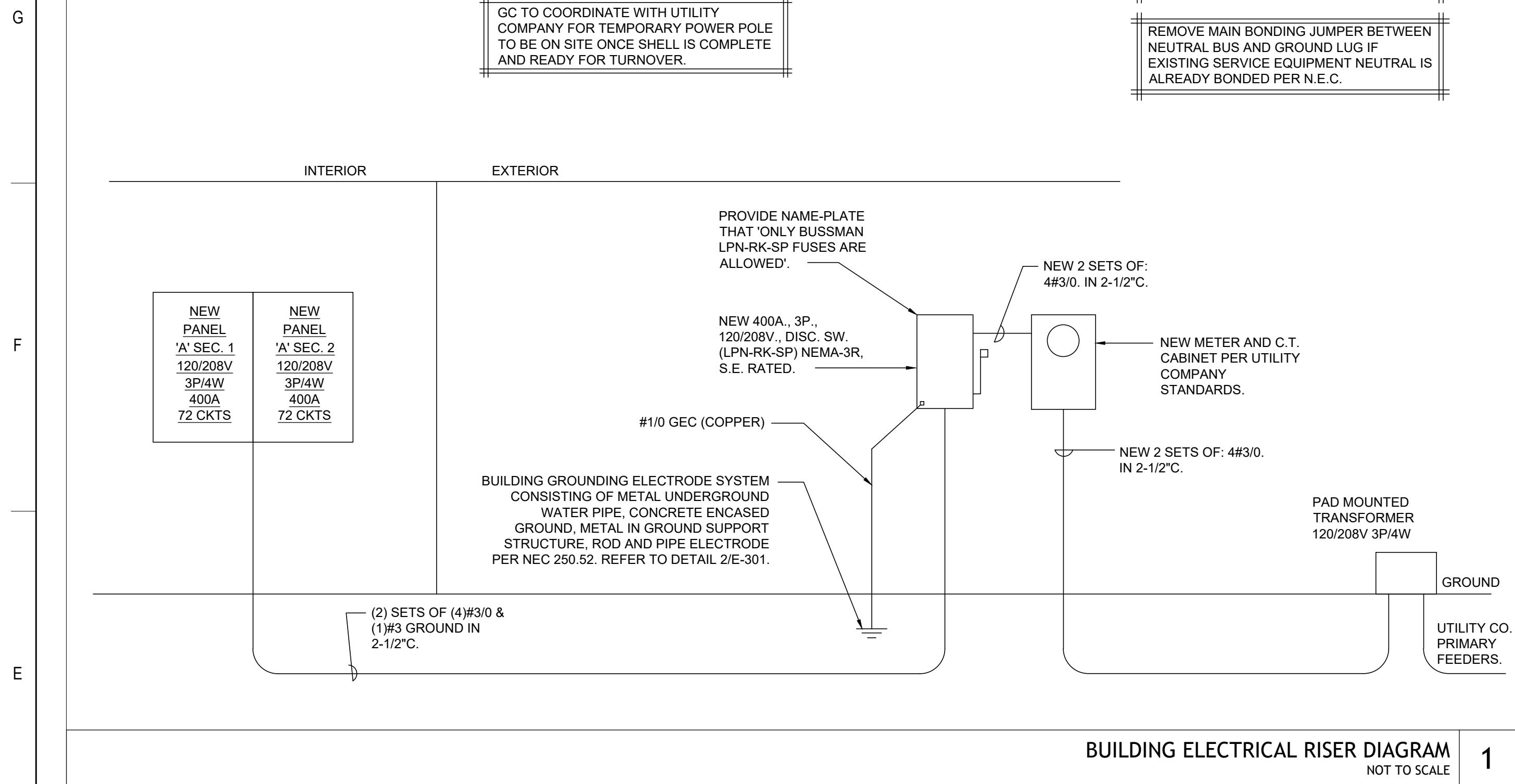




SQUARE D - SERIES RATING - 65,000 AIC					
MAIN BREAKERS		SUB PANEL BREAKERS			
BREAKER TYPE		BREAKER TYPE	1-POLE	2-POLE	3-POLE
2-POLE	3-POLE				
240V MAX.	HG 15-150A JG 150-250A	QO(B) 10K AIC	15-70A	15-125A	15-100A
		QO(B)/VH 22K AIC	N/A	N/A	35-150A
240V MAX.	QG 70-225A	QO(B) 10K AIC	15-70A	15-125A	15-30A
		QO(B)/VH 22K AIC	N/A	150A	35-150A
240V MAX.	LG 400A	QO(B) 10K AIC	15-70A	15-125A	N/A
		QO(B)/VH 22K AIC	15-70A	15-125A	15-150A

IN ACCORDANCE WITH NEC 240.86(C), SUM OF MOTOR FULL-LOAD CURRENTS WITHIN EACH PANELBOARD DOES NOT EXCEED 1% OF THE LOWEST INTERRUPTING RATING OF THE BRANCH CIRCUIT'S BREAKERS WITHIN EACH PANELBOARD.

BREAKERS RATED 10K AIC - 10,000 x .01 = 100A
BREAKERS RATED 22K AIC - 22,000 x .01 = 220A

ELECTRICAL CONTRACTOR TO AFFIX A PERMANENT LABEL AT SERVICE ENTRANCE IN ACCORDANCE WITH NEC SECTION 110-22 (C), MARKING SHALL READ : "CAUTION - SERIES COMBINATION SYSTEM RATED 65,000 AMPS, IDENTIFIED REPLACEMENT COMPONENTS REQUIRED."

ALL CIRCUIT BREAKERS IN PANELBOARD "A" SHALL BE SERIES RATED FOR THE AVAILABLE SHORT CIRCUIT CURRENT - 65,000 AMPS MINIMUM. DISTRIBUTION BREAKERS SHALL PROTECT ALL DOWNSTREAM PANELBOARD BREAKERS.

VOLTAGE: 208Y/120 - 3PH 4W

BUS RATING: 400

AMPS

MOUNTING: RECESSED

LOCATION: BOH

400

AMPS

MCB

AVAILABLE FAULT CURRENT:

AIC RATING :

22,000

400

AMPS

CU BUSS

LOAD IN KVA

BRKR

PHASE

BRKR

LOAD IN KVA

WIRE SIZE

DESCRIPTION

CKT

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

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122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

DESCRIPTION

WIRE SIZE

LTG

REC

FSEQ

HVAC

MISC

TRIP

P

PHASE

P

TRIP

MISC

HVAC

FSEQ

REC

LTG

WIRE SIZE

DESCRIPTION

CKT

1

2

3

4

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6

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8

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10

11

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133

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135

136

137

138

139

140

LOAD SUMMARY

LIGHTING (LTG)

RECEPTLES (REC)

FOOD SERVICE EQUIPMENT (FSEQ)

HVAC

MISC

TOTAL

AMPS

KWC

4.19

4.14

43.44

43.15

28.05

122.97

341.32

DF

1.25

NEC

0.65

1.00

1.00

KWD

5.23

4.14

28.24

43.15

28.05

108.81

302.02

PHASE TOTALS

KW

45.61

40.82

36.53

AMPS

126.70

113.40

101.47

NOTE: (G)=GFCI, (S)=SHUNT TRIP, (H)=HACR,(SW)= SWITCH RATED, (H)=LOCK ON, (LG)=LOCK OFF, (*) ISOLATED GROUND, (TC) CONTROLLED BY TIME CLOCK