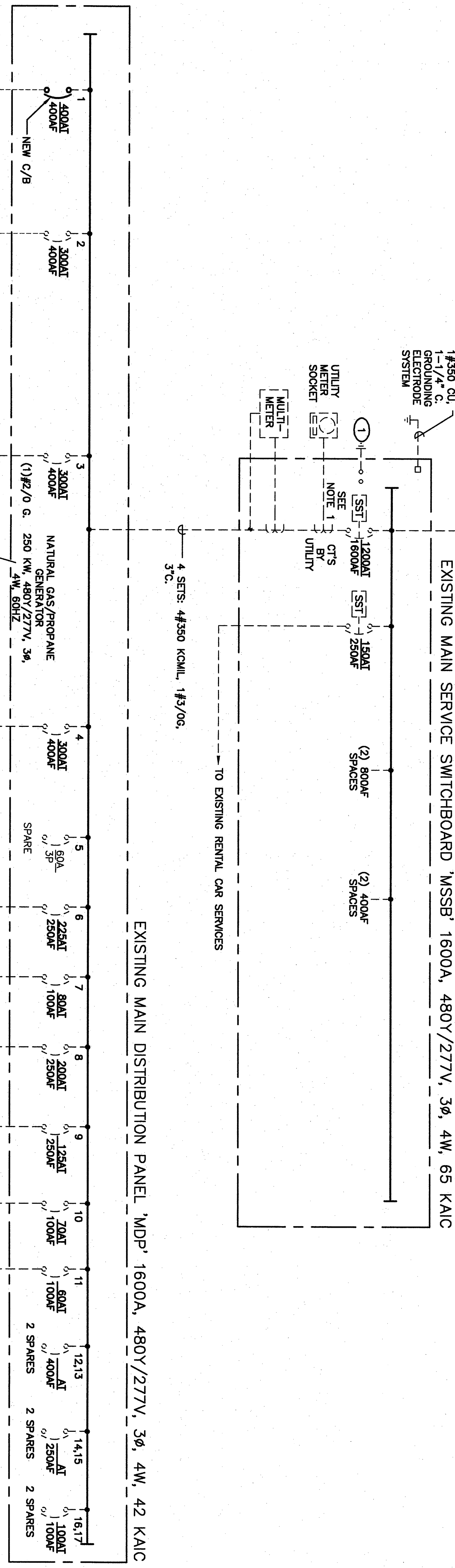
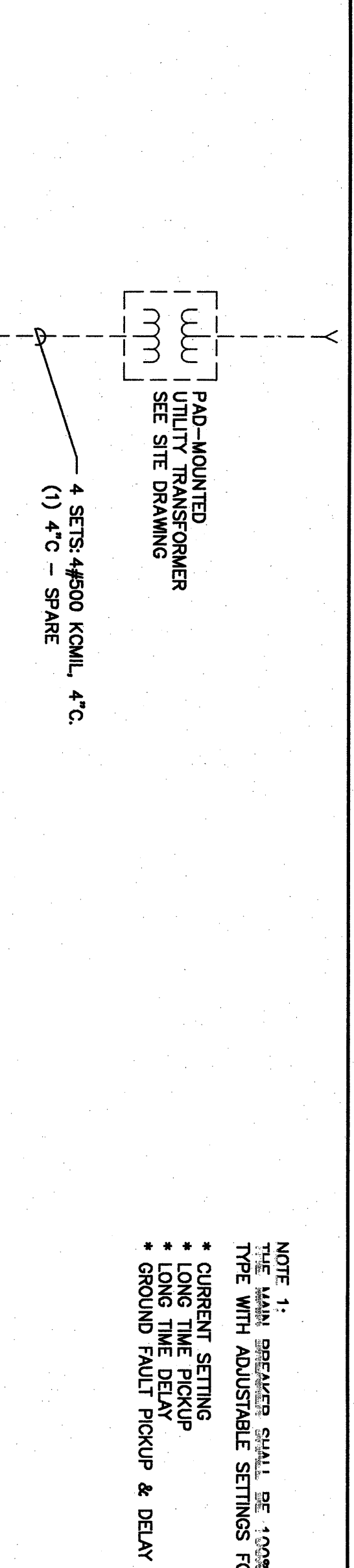




NOTE 1:
THE MAIN BREAKERS SHALL BE 100% GREEN, SOLID STATE TRIP
TYPE WITH ADJUSTABLE SETTINGS FOR:
• CURRENT SETTING
• LONG TIME PICKUP
• INSTANTANEOUS PICKUP
• SHORT TIME DELAY
• GROUND FAULT PICKUP & DELAY

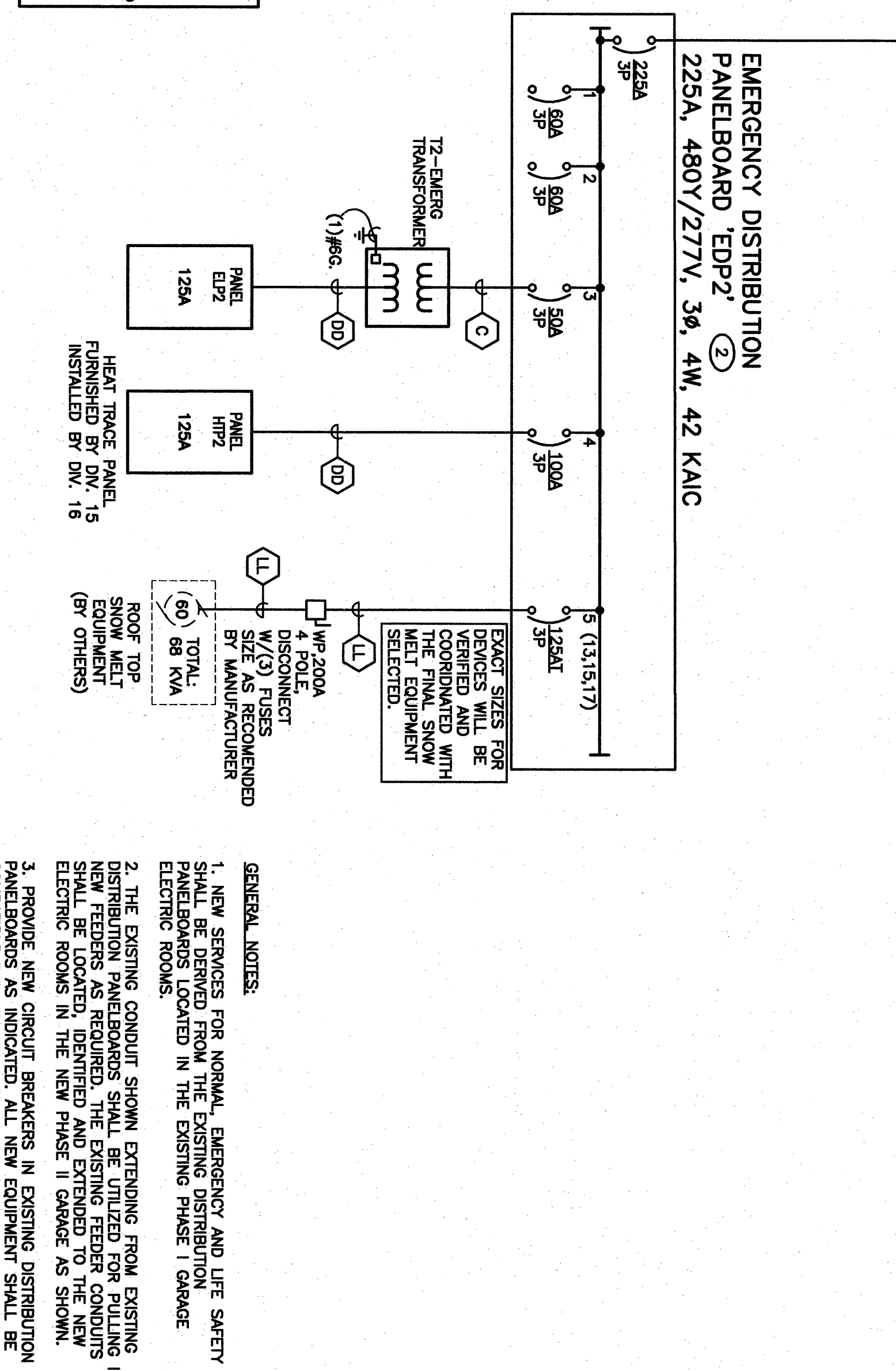
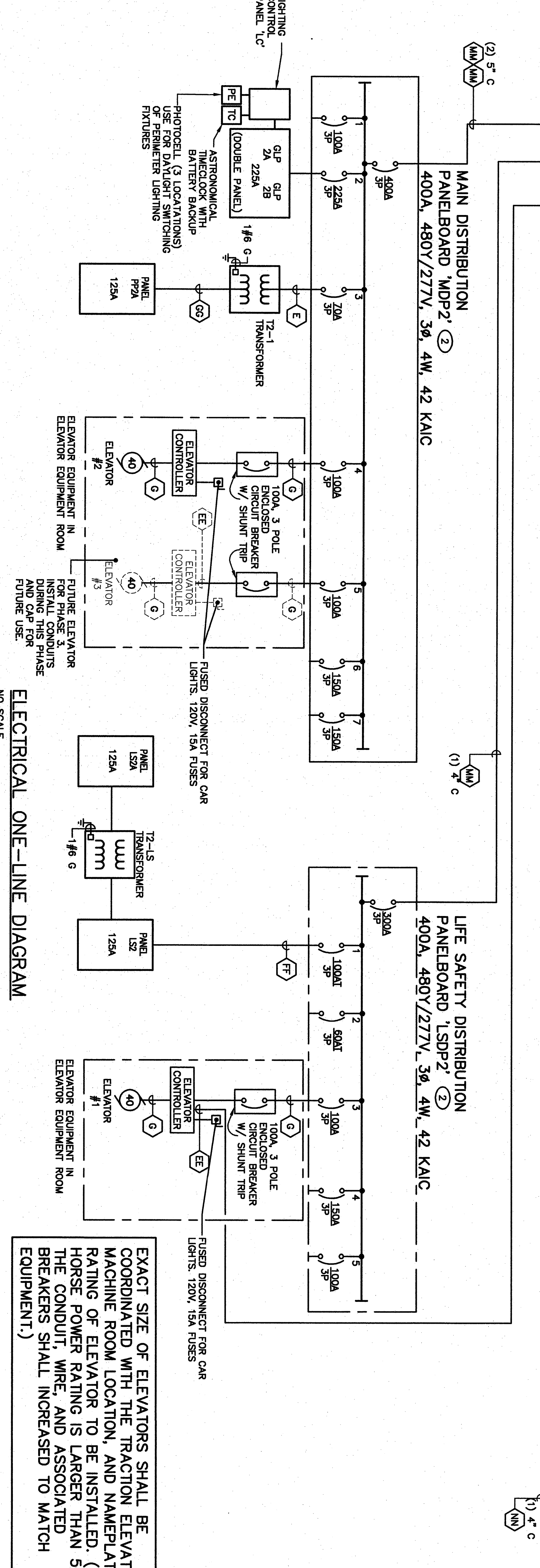
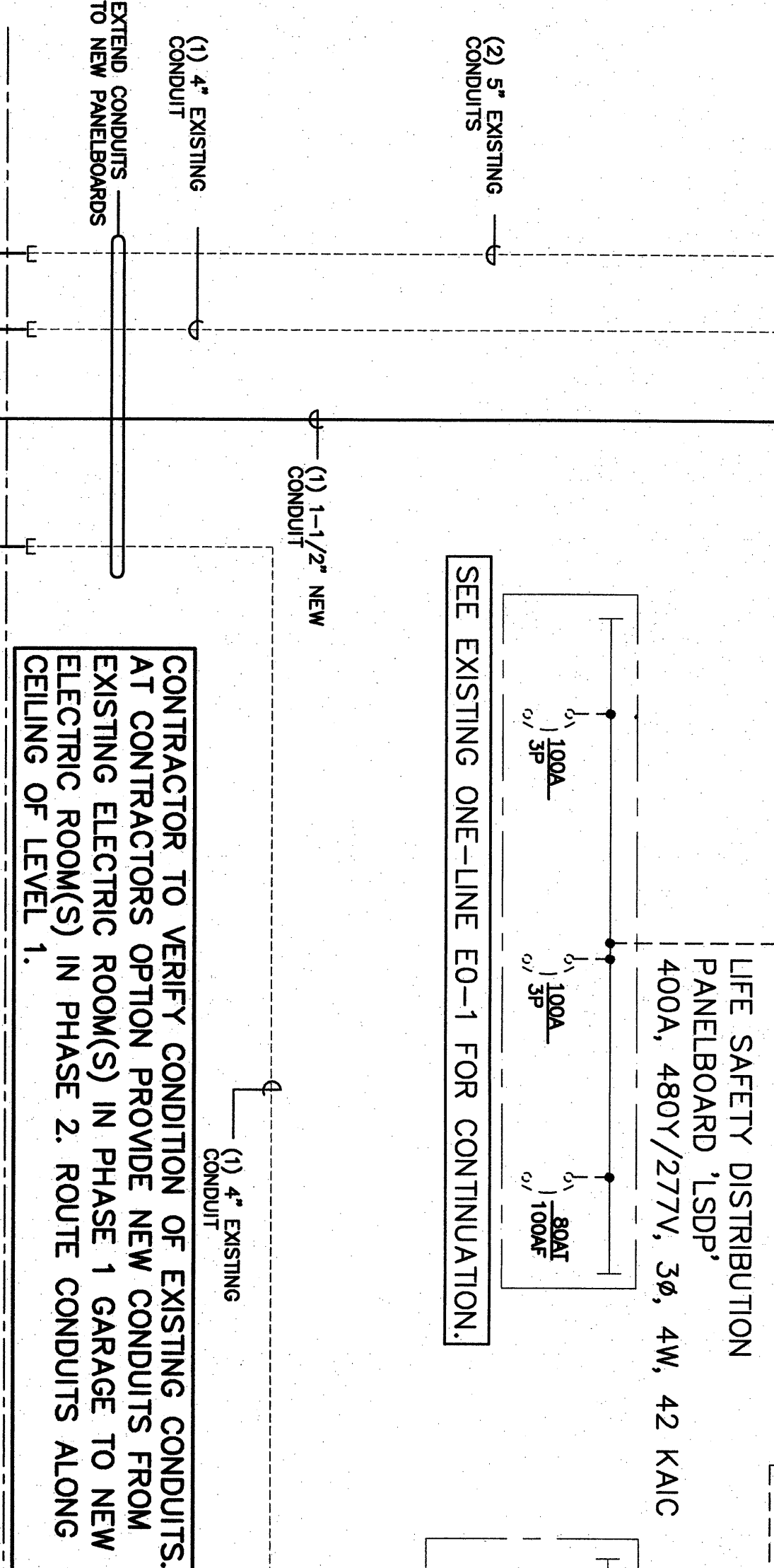
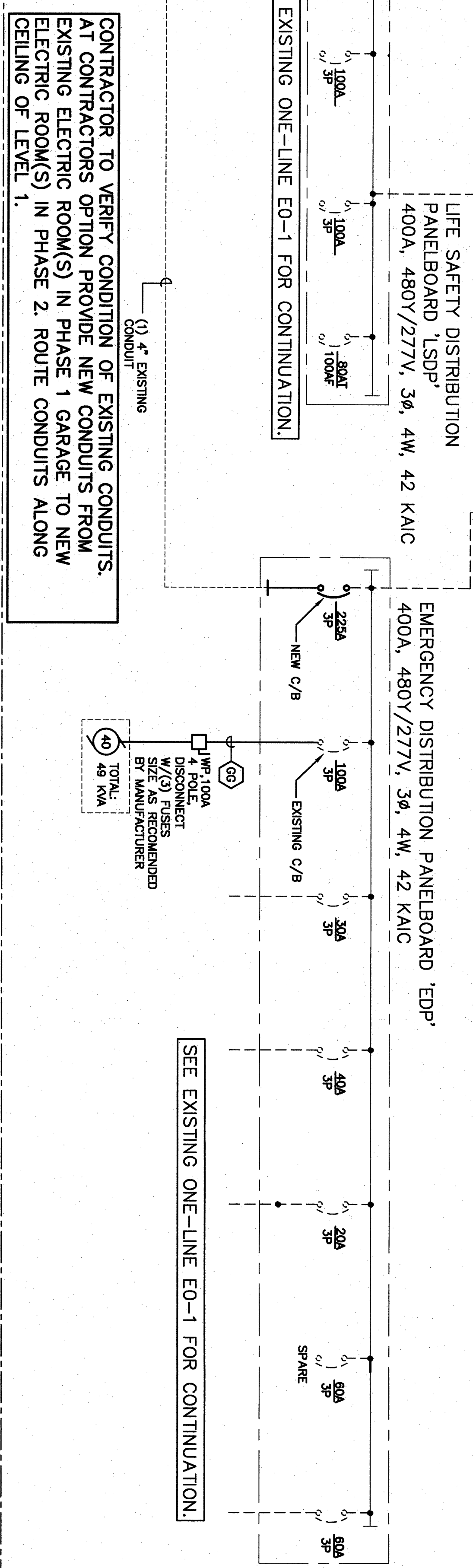
TYPE	DRIVING	TWSS SCHEDULE	WTR.	INSTALLATION
(1)	800	800	320	APF SERIES TE/4000KUP
(2)	500	500	400	APF SERIES SFP/2WPF-G

TYPE	DRIVING	TWSS SCHEDULE	WTR.	INSTALLATION
(1)	800	800	320	APF SERIES TE/4000KUP
(2)	500	500	400	APF SERIES SFP/2WPF-G



FEEDER	CONDUCTORS (3 PHASE)	CONDUCTORS (3 PHASE)	CONDUCTORS (3 PHASE)	CONDUIT	LENGTH
FEEDER	3 #12/AL	4 #12/AL	4 #12/AL	3/4"	20
A	3 #10/AL	4 #10/AL	4 #10/AL	3/4"	30
B	3 #10/AL	4 #10/AL	4 #10/AL	3/4"	50
C	3 #10/AL	4 #10/AL	4 #10/AL	3/4"	60
D	3 #10/AL	4 #10/AL	4 #10/AL	3/4"	80
E	3 #10/AL	4 #10/AL	4 #10/AL	3/4"	100
F	3 #10/AL	4 #10/AL	4 #10/AL	3/4"	120
G	3 #10/AL	4 #10/AL	4 #10/AL	3/4"	175
H	3 #10/AL	4 #10/AL	4 #10/AL	3/4"	200
J	3 #10/AL	4 #10/AL	4 #10/AL	3/4"	225
K	3 #10/AL	4 #10/AL	4 #10/AL	3/4"	250
L	3 #10/AL	4 #10/AL	4 #10/AL	3/4"	300
M	3 #10/AL	4 #10/AL	4 #10/AL	3/4"	350
N	3 #10/AL	4 #10/AL	4 #10/AL	3/4"	400
O	3 #10/AL	4 #10/AL	4 #10/AL	3/4"	450
P	3 #10/AL	4 #10/AL	4 #10/AL	3/4"	500
Q	3 #10/AL	4 #10/AL	4 #10/AL	3/4"	600
R	3 #10/AL	4 #10/AL	4 #10/AL	3/4"	700
S	3 #10/AL	4 #10/AL	4 #10/AL	3/4"	800

NOTES:
1. SEE SPECIFICATION FOR ACCEPTABLE CONDUCTOR TYPES
2. CONDUIT SIZES SHOWN ARE MINIMUM.



CONFORMED SET FOR FIELD USE

CITY OF PORTLAND
DEPARTMENT OF WATERFRONT AND TRANSPORTATION

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ELECTRICAL ONE-LINE DIAGRAM
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