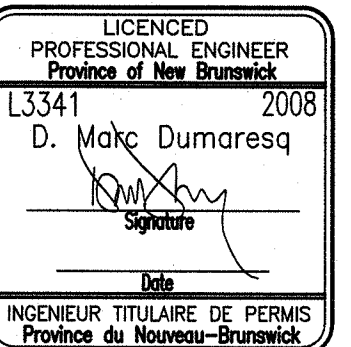


DUMAC ENERGY LTD.
CONSULTING ENGINEERS
752 BELFORD HIGHWAY
HALIFAX, N.S.



E	ISSUED FOR TENDER	MAR 19 2015
D	ADDITIONAL 99% REVIEW	FEB 16 2015
C	ISSUED FOR 99% REVIEW	JAN 16 2015
B	ISSUED FOR 66% REVIEW	NOV 03 2014
A	ISSUED FOR REVIEW	SEPT 30 2014
revisions		date

project
ROOF AND PENTHOUSE
REHABILITATION
MONCTON GOCB
1081 MAIN STREET

drawing
dessin

ELECTRICAL SCHEDULES
AND RISER DIAGRAM

designed EES conçu

date

drawn STAFF dessiné

date

approved CL approuvé

date

Tender

PWSSC Project Manager Administrateur de projets TPSSC

project number
R.063297.001

drawing no.
E-103

E-DRM/000-E 490125

HEATER SCHEDULE						
TYPE	DESCRIPTION	MANUFACTURER	VOLTS	PHASE	WATTAGE	REMARKS
①	1454mm BASEBOARD HEATER	STELPRO B1258-BRE153T	208V	1	1250	C/W LOW VOLTAGE TRANSFORMER/RELAY KIT
②	956mm BASEBOARD HEATER	STELPRO B0758-B1T1EFR	208V	1	750	C/W BUILT-IN ELECTRONIC THERMOSTAT
ALTERNATE MANUFACTURERS						
						CHROMALOX, OUELLET, Q-MARK
						CHROMALOX, OUELLET, Q-MARK

FIXTURE SCHEDULE						
TYPE	DESCRIPTION	MANUFACTURER	VOLTS	LAMPS	MOUNTING	REMARKS
'1'	1220mm, 2 LAMP FLUORESCENT STRIP FIXTURE	COOPER SSL232-347V-WG/FT	347V	2-28W-T8	CHAIN HANG/SURFACE	C/W WIREGUARD
ALTERNATE MANUFACTURERS						
						PHILIPS, HUBBELL

VOLTS		120/208		PANEL		EXISTING PANEL "5M"				TYPE		SIEMENS			
PHASE		3		LOCATION		CORRIDOR FLOOR BELOW PENTHOUSE P3				MAINS		225			
WIRE		4		FED FROM						ENTER AT		AMPS MTG.			
												F			
DESIGNATION		WATTS			CIR. No.	BKR NO	A	B	C	BKR NO	CIR. No.	WATTS			DESIGNATION
		A	B	C								A	B	C	
EXISTING					1					2				EXISTING	
					3					4					
					5					6					
					7					8					
					9					10					
					11					12					
					13					14					
					15					16					
					17					18					
					19					20					
					21					22					
					23					24					
					25					26					
					27					28					
					29					30					
					31					32					
					33					34					
					35					20A				EXTERIOR ROOF RECEPTACLE	
					37					38					
					39					40					
					41					42					
#A' TOTAL															
#B' TOTAL															
#C' TOTAL															
TOTAL LOAD					KW										
					AMP										

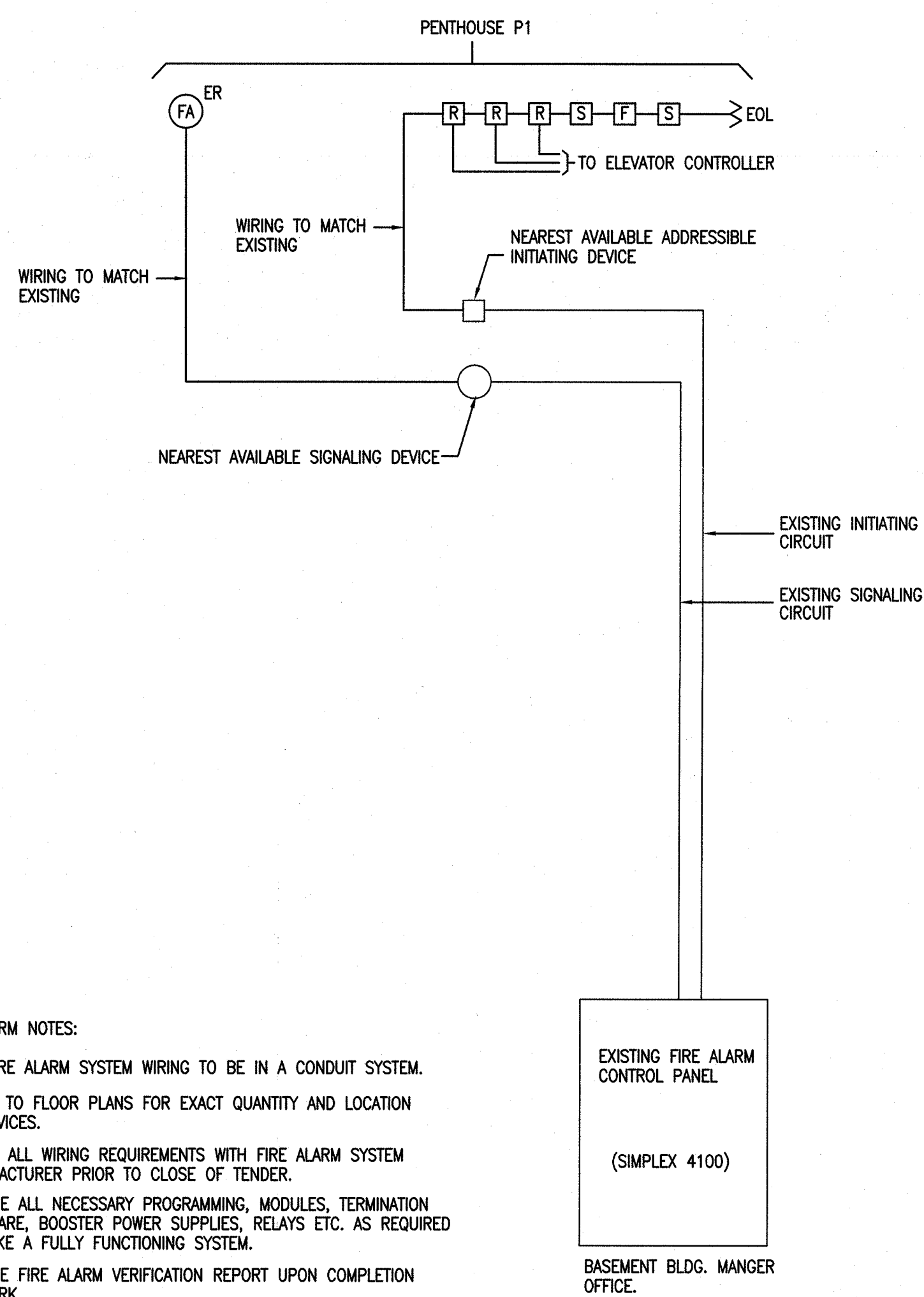
—PROVIDE NEW BREAKERS TO MATCH EXISTING TYPE WHERE INDICATED.

—PROVIDE UPDATED TYPES PANEL DIRECTORY

-PROVIDE NEW BREAKERS TO MATCH EXISTING TYPE WHERE INDICATED.
-PROVIDE UPDATED TYPES PANEL DIRECTORY

VOLTS		120/208		PANEL		EXISTING PANEL "5K"					TYPE		SIEMENS			
PHASE		3		LOCATION		CORRIDOR FLOOR BELOW PENTHOUSE P1					MAINS		225			
WIRE		4		FED FROM							ENTER AT		AMPS MTG. F			
DESIGNATION		WATTS			CIR. No.	BKR NO	A	B	C	BKR NO	CIR. No.	WATTS			DESIGNATION	
EXISTING		A	B	C								A	B	C		
					1						2	EXISTING				
					3						4					
					5						6					
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					11						12					
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					15						16					
					17						18					
					19						20					
					21						22					
					23					2P	24					
					25					15A	26	1000	1000	ELECT HEATER-PENTHOUSE P1		
					27					15A	28	400	RECEPT-PENTHOUSE P1			
					29					15A	30	400	RECEPT-PENTHOUSE P1 STAIR			
					31					20A	32	400	EXTERIOR ROOF RECEPTACLE			
					33						34					
					35						36					
					37						38					
					39						40	EXISTING				
					41						42	EXISTING				
#A' TOTAL																
#B' TOTAL																
#C' TOTAL																
TOTAL LOAD					KW				AMP							
-PROVIDE NEW BREAKERS TO MATCH EXISTING TYPE WHERE INDICATED.																
-PROVIDE UPDATED TYPES PANEL DIRECTORY																

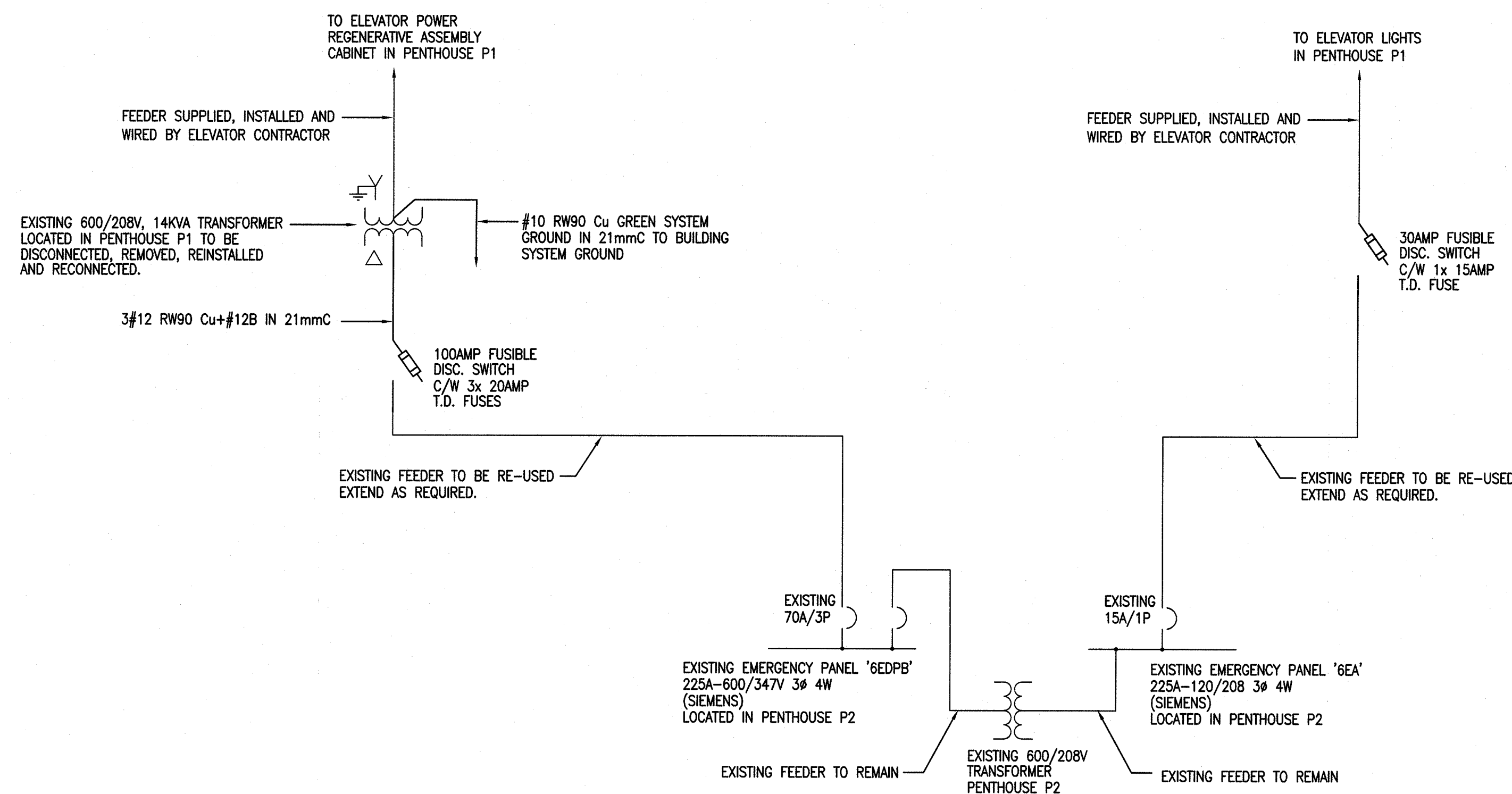
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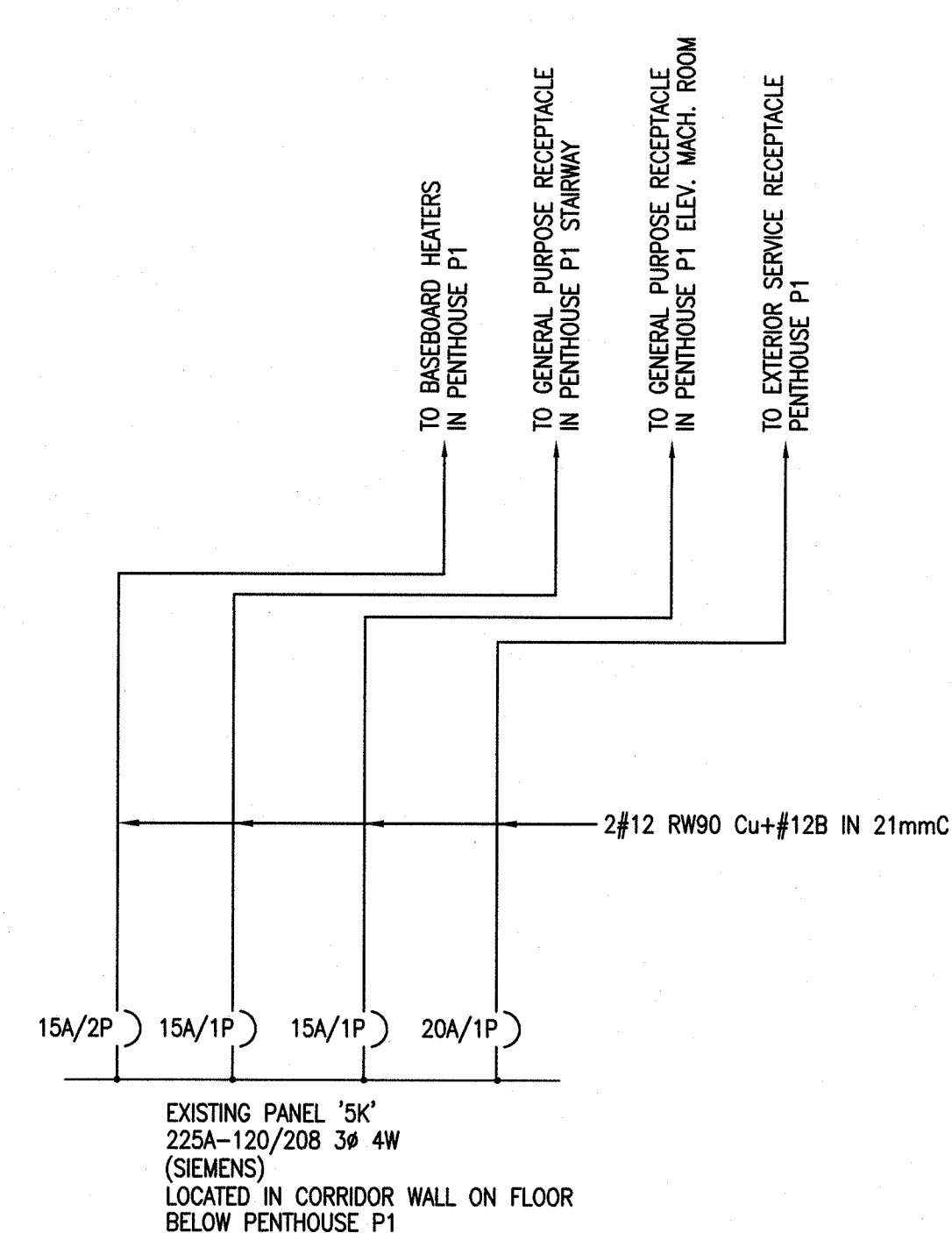
FIRE ALARM NOTES:

1. ALL FIRE ALARM SYSTEM WIRING TO BE IN A CONDUIT SYSTEM.
2. REFER TO FLOOR PLANS FOR EXACT QUANTITY AND LOCATION OF DEVICES.
3. VERIFY ALL WIRING REQUIREMENTS WITH FIRE ALARM SYSTEM MANUFACTURER PRIOR TO CLOSE OF TENDER.
4. PROVIDE ALL NECESSARY PROGRAMMING, MODULES, TERMINATION HARDWARE, BOOSTER POWER SUPPLIES, RELAYS ETC. AS REQUIRED TO MAKE A FULLY FUNCTIONING SYSTEM.
5. PROVIDE FIRE ALARM VERIFICATION REPORT UPON COMPLETION OF WORK.

1 PARTIAL FIRE ALARM SYSTEM RISER DIAGRAM
E103 NOT TO SCALE



2 PARTIAL EMERGENCY POWER RISER DIAGRAM
E103 NOT TO SCALE



3 PARTIAL NORMAL POWER RISER DIAGRAM
E103 NOT TO SCALE