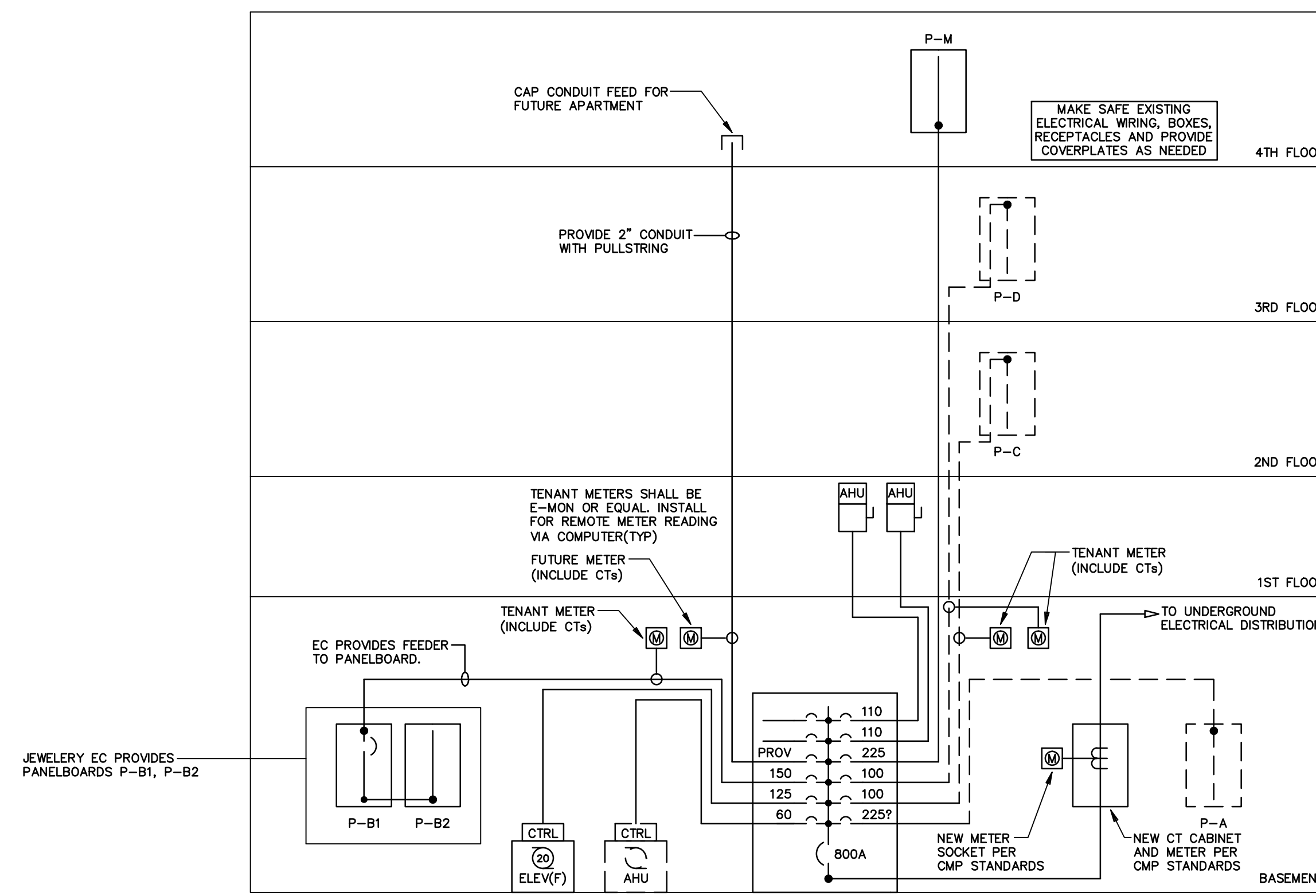
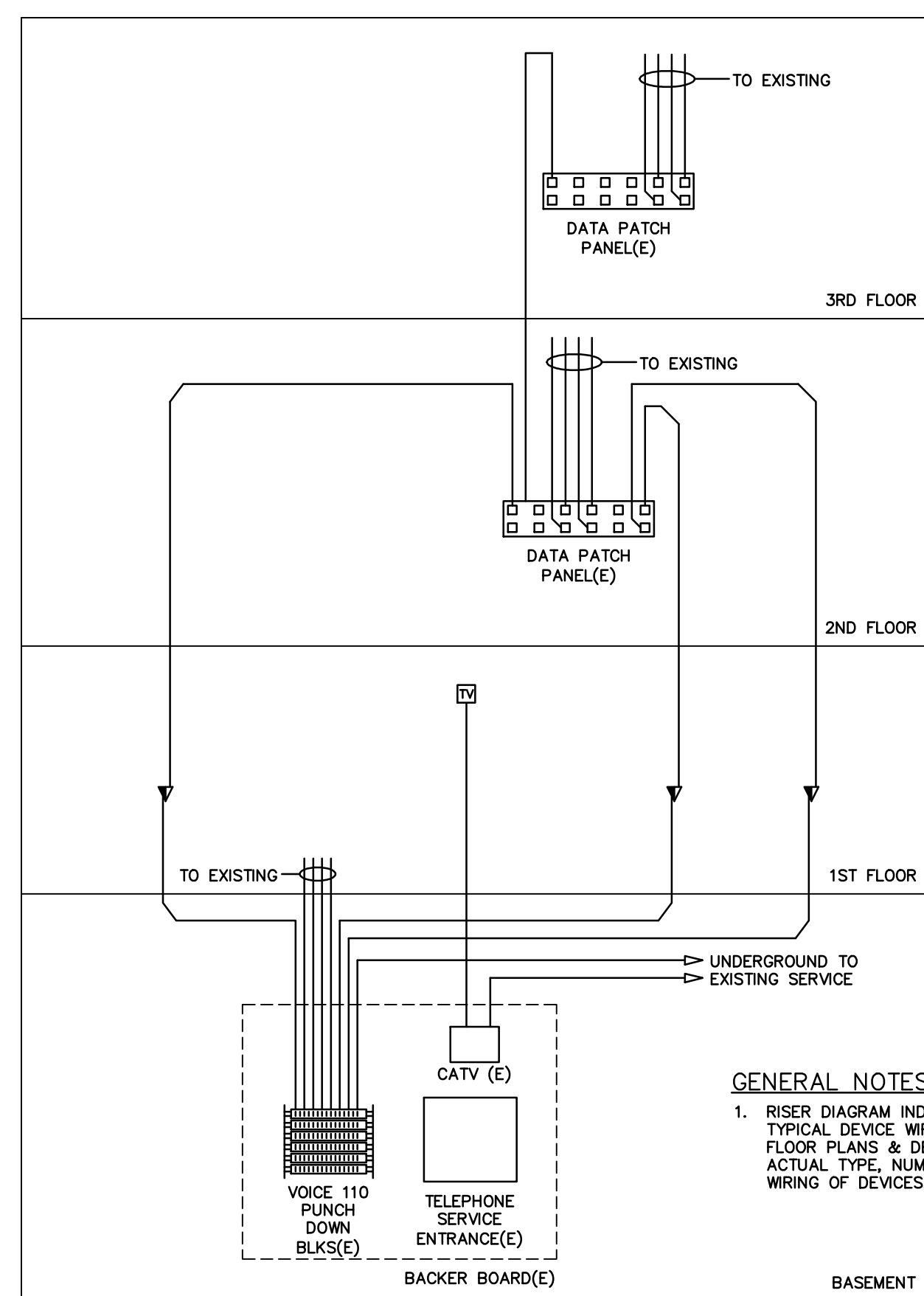


EXISTING ELECTRICAL RISER DIAGRAM
SCALE: NO SCALE



ELECTRICAL RISER DIAGRAM - REVISED
SCALE: NO SCALE



TELEPHONE/DATA RISER DIAGRAM
NOT TO SCALE

ID MDP SWITCHBOARD SCHEDULE											
MAINS				OVER CURRENT PROTECT.		SUPPLY FEEDERS				NOTES	
BUS	ENTRY	PHASE	WIRE	VOLTS	SUB/THRU FEED LUGS	ID TAG	NO. WIRES	SIZE WIRE	INSUL'N	CONDUIT	
800A	CB	3	4	208/120	-	F-MDP	8	500MCM	XHHW	2-4"	①

DISTRIBUTION CIRCUIT BREAKERS						
OVERCURRENT DEVICES				LOAD SERVED		NOTES
NO.	CB SIZE	SW SIZE	FUSE SIZE			
1	100	-	-	PROVISION		
2	125	-	-	PROVISION		
3	225	-	-	PROVISION		
4	150	-	-	PANELBOARDS P-B1 & P-B2		
5	125	-	-	ELEVATOR (FUTURE)		
6	60	-	-	AHU (EXISTING)		
7	110	-	-	AHU (NEW)		
8	110	-	-	AHU (NEW)		
9	225	-	-	PANELBOARD P-M		
10	100	-	-	PANELBOARD P-D (EXISTING)		
11	100	-	-	PANELBOARD P-C (EXISTING)		
12	225	-	-	PANELBOARD P-A (EXISTING)		
13	-	-	-			
14	-	-	-			
15	-	-	-			
16	-	-	-			

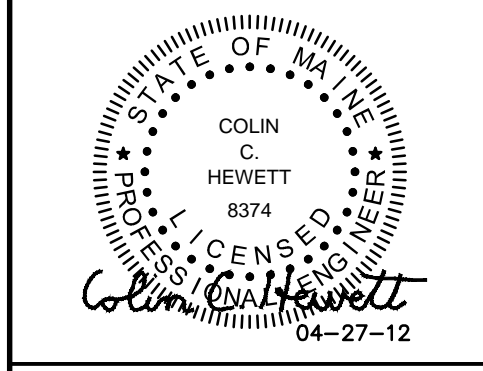
MAIN SWITCHBOARD NOTES
① FREE STANDING MAIN SWITCHBOARD, INDIVIDUALLY MOUNTED MAIN BREAKER TYPE PE SERIES, INCLUDE POWER LOGIC METER, FEEDER SECTION BREAKERS TO BE I-LINE MOUNTING, MINIMUM A.I.C. PER SPECIFICATION.

PANELBOARD & FEEDER SCHEDULE														
PANELBOARD		MAINS				OVER CURRENT PROTECT.		SUPPLY FEEDERS				NOTES		
ID TAG	MOUNT'G	BUS	ENTRY	PHASE	WIRE	VOLTS	SUB/THRU FEED LUGS	ID TAG	NO. WIRES	SIZE WIRE	INSUL'N	CONDUIT		
P-B1	SURF	BASEMENT	150A	CB	3	4	208/120	THRU	150A	F-B1	4	#1/0 THW	2"	①
P-B2	SURF	BASEMENT	150A	LUG	3	4	208/120	-	150A	F-B2	4	#1/0 THW	2"	①
P-M	FLUSH	4TH FLOOR	225A	LUG	3	4	208/120	-	225A	F-M	4	#4/0 THW	2 1/2"	①
AHU (E)	-	BASEMENT	60A	-	3	4	208/120	-	60A	F-AHU	4	#4 THW	1"	②
ELEV(FUT)	-	BASEMENT	125A	-	3	4	208/120	-	125A	F-ELEV	4	#1 THW	2"	③
AHU-1	-	1ST FLOOR CEILING	110A	-	1	3	208/120	-	110A	F-AHU1	3	#1 THW	1 1/2"	④
AHU-2	-	1ST FLOOR CEILING	110A	-	1	3	208/120	-	110A	F-AHU2	3	#1 THW	1 1/2"	④

PANELBOARD & MISC EQUIPMENT NOTES
① NOOD PANELBOARD, BOLT-ON BREAKERS, MINIMUM GUTTERS 5" SIDES AND DEPTH, 8" FEED END, 10,000 A.I.C.
② PROVIDE TEMPORARY POWER FOR EXISTING AHU. UNIT WILL BE REMOVED WHEN NEW MECHANICAL SYSTEM IS OPERATIONAL. LABEL BREAKER "SPARE" FOLLOWING DEMO.
③ POWER FOR FUTURE ELEVATOR.
④ NEMA 1 FUSED DISCONNECT.

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PLOT DATE: Apr 27, 2012



RENOVATIONS TO:
SPRINGER'S JEWELERS
580 CONGRESS STREET
PORTLAND, MAINE

date: APRIL 27, 2012

drawn by: CCH/ELH

scale: AS NOTED

sheet title:
RISER DIAGRAMS & FEEDER SCHEDULE

sheet:

E5.1