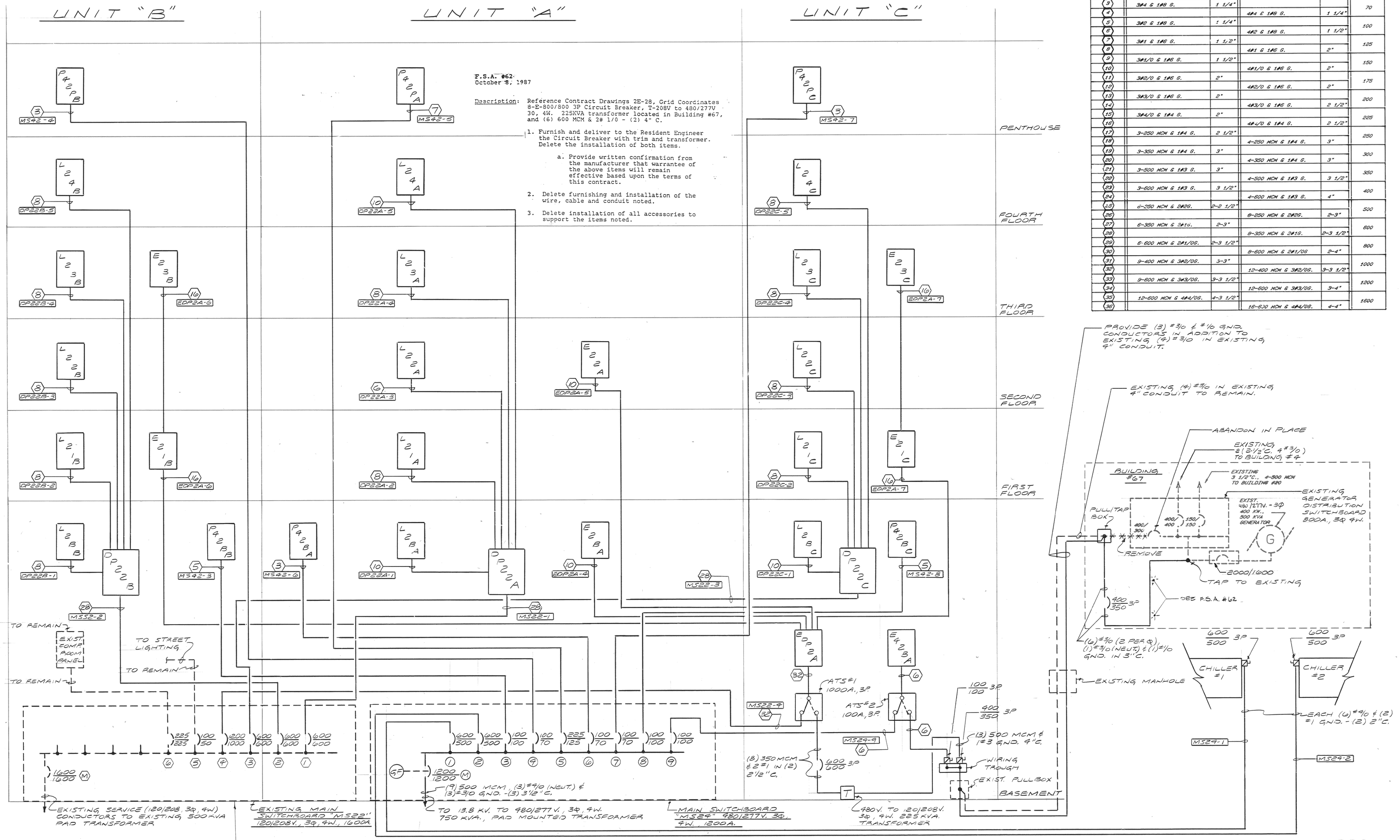
BLDG. #2

MODERNIZE B-217
POWER RISER DIAGRAM

ELEC.
525-08

DRAWING #
2-E28

July 1985
#28 of 31



LEGEND OF FEEDER SIZES

COPPER CONDUCTORS

FEEDER SYMBOL	CONDUCTORS (3 PHASE, 3 WIRE) WITH GND.	RACEWAY SIZE	CONDUCTORS (3 PHASE, 4 WIRE) WITH GND.	RACEWAY SIZE	NOMINAL AMPERE RATING
1	3#6 & 1#10 G.	1"			60
2			4#6 & 1#10 G.	1 1/4"	
3	3#4 & 1#8 G.	1 1/4"			70
4			4#4 & 1#8 G.	1 1/4"	
5	3#2 & 1#8 G.	1 1/4"			100
6			4#2 & 1#8 G.	1 1/2"	
7	3#1 & 1#6 G.	1 1/2"			125
8			4#1 & 1#6 G.	2"	
9	3#1/0 & 1#6 G.	1 1/2"			150
10			4#1/0 & 1#6 G.	2"	
11	3#2/0 & 1#6 G.	2"			175
12			4#2/0 & 1#6 G.	2"	
13	3#3/0 & 1#6 G.	2"			200
14			4#3/0 & 1#6 G.	2 1/2"	
15	3#4/0 & 1#4 G.	2"			225
16			4#4/0 & 1#4 G.	2 1/2"	
17	3-250 MCM & 1#4 G.	2 1/2"			250
18			4-250 MCM & 1#4 G.	3"	
19	3-350 MCM & 1#4 G.	3"			300
20			4-350 MCM & 1#4 G.	3"	
21	3-500 MCM & 1#3 G.	3"			350
22			4-500 MCM & 1#3 G.	3 1/2"	
23	3-600 MCM & 1#3 G.	3 1/2"			400
24			4-600 MCM & 1#3 G.	4"	
25	6-250 MCM & 2#2G.	2-2 1/2"			500
26			8-250 MCM & 2#2G.	2-3"	
27	6-350 MCM & 2#1G.	2-3"			600
28			8-350 MCM & 2#1G.	2-3 1/2"	
29	6-600 MCM & 2#1/0G.	2-3 1/2"			800
30			8-600 MCM & 2#1/0G	2-4"	
31	9-400 MCM & 3#2/0G.	3-3"			1000
32			12-400 MCM & 3#2/0G.	3-3 1/2"	
33	9-600 MCM & 3#3/0G.	3-3 1/2"			1200
34			12-600 MCM & 3#3/0G.	3-4"	
35	12-600 MCM & 4#4/0G.	4-3 1/2"			1600
36			16-600 MCM & 4#4/0G.	4-4"	

Revisions	Date

MAIN ELECTRIC ROOM BC105: LOCATE THERE-IN EMERGENCY POWER SYSTEM EQUIPMENT, ATS #1, ATS #2, PANEL EDP2A, 225 KVA TRANSFORMER FEEDING ATS #1 AND ASSOCIATED WIRING THROUGH AND FUSED SWITCHES AS INDICATED ON POWER RISER DIAGRAM DWG. 2-E-28.

Professional Stamp

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Drawing Title
POWER RISER DIAGRAM

Approved Project Director

Project Title
MODERNIZE PATIENT ROOMS
BUILDING NOS. 2 & 7

Building Number 2
Checked
Drawn
Location
VAMC - BROCKTON, MA.

Date JULY 19, 1985
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Dwg. 28 of 31

Veterans Administration

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