PANEL 74EQ2

120/208V-3Ø-4W SURFACE CIRCUIT BREAKER
PANELBOARD WITH 100A MAIN BUS

CIRCUIT Nº	TRIP AMPS	POLES	I.C. RATING	VOLT-AMPERES ØA	ØB	ØC	REMARKS
1	20	1	10,000	50	—	—	LIGHTS
2	20	1	10,000	1400	—	—	LIGHTS & RECEPTACLES
3	20	1	10,000	—	1400	—	RECEPTACLES
4	20	1	10,000	—	1400	—	RECEPTACLES
5	20	1	10,000	—	—	1000	SPARE
6	20	1	10,000	—	—	1400	RECEPTACLES
7	20	1	10,000	1000	—	—	SPARE
8	20	1	10,000	1000	—	—	SPARE
9	20	1	10,000	—	1000	—	SPARE
10	20	1	10,000	—	1000	—	SPARE
11	20	1	10,000	—	—	1000	SPARE
12	20	1	10,000	—	—	1000	SPARE
13	20	1	10,000	1000	—	—	SPACE
14	20	1	10,000	1000	—	—	SPACE
15	20	1	10,000	—	1000	—	SPACE
16	20	1	10,000	—	1000	—	SPACE
17	20	1	10,000	—	—	1000	SPACE
18	20	1	10,000	—	—	1000	SPACE
19	20	1	10,000	1000	—	—	SPACE
20	20	1	10,000	1000	—	—	SPACE
21	20	1	10,000	—	1000	—	SPACE
22	20	1	10,000	—	1000	—	SPACE
23	20	1	10,000	—	—	1000	SPACE
24	20	1	10,000	—	—	1000	SPACE
25	20	1	10,000	1000	—	—	SPACE
26	20	1	10,000	1000	—	—	SPACE
27	20	1	10,000	—	1000	—	SPACE
28	20	1	10,000	—	1000	—	SPACE
29	20	1	10,000	—	—	1000	SPACE
30	20	1	10,000	—	—	1000	SPACE
TOTAL LOAD (KVA)				9.5	10.8	10.4	

TOTAL AVAILABLE CONNECTED LOAD (KVA) = 30.7
TOTAL AVAILABLE CONNECTED LOAD (AMPS) = 85A.
TOTAL DEMAND LOAD (AMPS) = 64A.

PANEL 74LS2

120/208V-3Ø-4W SURFACE CIRCUIT BREAKER
PANELBOARD WITH 100A MAIN BUS

CIRCUIT Nº	TRIP AMPS	POLES	I.C. RATING	VOLT-AMPERES ØA	ØB	ØC	REMARKS
1	20	1	10,000	700	—	—	LIGHTS
2	20	1	10,000	700	—	—	LIGHTS
3	20	1	10,000	—	1000	—	LIGHTS
4	20	1	10,000	—	500	—	ELEVATOR LIGHTS
5	20	1	10,000	—	—	1000	SPARE
6	20	1	10,000	—	—	1000	SPARE
7	20	1	10,000	1000	—	—	SPARE
8	20	1	10,000	1000	—	—	SPARE
9	20	1	10,000	—	1000	—	SPARE
10	20	1	10,000	—	1000	—	SPARE
11	20	1	10,000	—	—	1000	SPARE
12	20	1	10,000	—	—	1000	SPARE
13	20	1	10,000	1000	—	—	SPACE
14	20	1	10,000	1000	—	—	SPACE
15	20	1	10,000	—	1000	—	SPACE
16	20	1	10,000	—	1000	—	SPACE
17	20	1	10,000	—	—	1000	SPACE
18	20	1	10,000	—	—	1000	SPACE
19	20	1	10,000	1000	—	—	SPACE
20	20	1	10,000	1000	—	—	SPACE
21	20	1	10,000	—	1000	—	SPACE
22	20	1	10,000	—	1000	—	SPACE
23	20	1	10,000	—	—	1000	SPACE
24	20	1	10,000	—	—	1000	SPACE
TOTAL LOAD (KVA)				7.4	7.5	8.0	

TOTAL AVAILABLE CONNECTED LOAD (KVA) = 22.9
TOTAL AVAILABLE CONNECTED LOAD (AMPS) = 64A.
TOTAL DEMAND LOAD (AMPS) = 50A.

PANEL 74LS3

120/208V-3Ø-4W FLUSH CIRCUIT BREAKER
PANELBOARD WITH 100A MAIN BUS

CIRCUIT Nº	TRIP AMPS	POLES	I.C. RATING	VOLT-AMPERES ØA	ØB	ØC	REMARKS
1	20	1	10,000	1000	—	—	STAIR LIGHTS
2	20	1	10,000	1000	—	—	STAIR LIGHTS
3	20	1	10,000	—	1000	—	ACTIVE
4	20	1	10,000	—	1000	—	NIGHT LIGHTS
5	20	1	10,000	—	—	1000	EXIT LIGHTS
6	20	1	10,000	—	—	1000	EXIT LIGHTS
7	20	1	10,000	500	—	—	FIRE ALARM
8	20	1	10,000	1300	—	—	NIGHT LIGHTS - BASEMENT
9	20	1	10,000	—	500	—	FIRE ALARM
10	20	1	10,000	—	1000	—	LOOP REPEATER
11	20	1	10,000	—	—	1000	SPARE
12	20	1	10,000	—	—	1000	SPARE
13	20	1	10,000	1000	—	—	SPARE
14	20	1	10,000	1000	—	—	SPARE
15	20	1	10,000	—	1000	—	SPARE
16	20	1	10,000	—	1000	—	SPARE
17	20	1	10,000	—	—	1000	SPARE
18	20	1	10,000	—	—	1000	SPARE
19	20	1	10,000	1000	—	—	SPACE
20	20	1	10,000	1000	—	—	SPACE
21	20	1	10,000	—	1000	—	SPACE
22	20	1	10,000	—	1000	—	SPACE
23	20	1	10,000	—	—	1000	SPACE
24	20	1	10,000	—	—	1000	SPACE
TOTAL LOAD (KVA)				7.8	7.5	8.0	

TOTAL AVAILABLE CONNECTED LOAD (KVA) = 23.3
TOTAL AVAILABLE CONNECTED LOAD (AMPS) = 65A.
TOTAL DEMAND LOAD (AMPS) = 50A.

NO.	DATE	REVISIONS: DESCRIPTION
	9-30-81	RECORD DRAWINGS

SHEET TITLE: PANEL SCHEDULES

BLDG. NO. 74

PROJECT TITLE: EMERGENCY ELECTRICAL POWER SYSTEM

JOB Nº 7793 | DRAWN | CHECKED | DATE 6-25-79

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL TERRY R. YEAGER ENGINEER No. 18942-E

BARTON ASSOCIATES, INC.
CONSULTING ENGINEERS
415 NORWAY STREET
YORK, PENNA. 17403

DRAWING NUMBER 74-E7 | DWG OF

APPROVED: PROJECT DIRECTOR

PROJECT NUMBER 658-049

VETERANS ADMINISTRATION

LOCATION VAH, SALEM, VA.

THREE INCHES EQUALS ONE FOOT | ONE AND ONE HALF INCHES EQUALS ONE FOOT | ONE INCH EQUALS ONE FOOT | THREE QUARTER INCH EQUALS ONE FOOT | ONE HALF INCH EQUALS ONE FOOT | THREE EIGHTH INCH EQUALS ONE FOOT | ONE QUARTER INCH EQUALS ONE FOOT | ONE EIGHTH INCH EQUALS ONE FOOT