PANEL 3ELS — TYPE SURFACE
VOLTAGE 277/480, 1ø, 4w — MAINS 40A M.B.

| POLE | TRIP | CONDUCTOR | CONDUIT | DESIGNATION | KVA | NO | PHASE øA | PHASE øB | NO | KVA | DESIGNATION | CONDUIT | CONDUCTOR | TRIP | POLE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20 | 2#12,#12G | 1/2" | LIGHTING | 1.8 | 1 | 1.8 | | 2 | – | SPARE | – | – | 20 | 1 |
| 1 | 20 | 2#12,#12G | 1/2" | LIGHTING | 1.0 | 3 | | 1.0 | 4 | – | SPACE | – | – | – | – |
| 1 | 20 | 2#12,#12G | 1/2" | LIGHTING | 1.6 | 5 | 1.6 | | 6 | – | SPACE | – | – | – | – |
| 1 | 20 | – | – | SPARE | – | 7 | | – | 8 | – | SPACE | – | – | – | – |
| 1 | 20 | – | – | SPARE | – | 9 | 1.8 | | 10 | 1.8 | PANEL 4ELS | 3/4" | 4#10,#10G | 30 | 2 |
| 1 | 20 | – | – | SPARE | – | 11 | | 2.0 | 12 | 2.0 | | | | | |
| | | | | | TOTAL: | | 5.2 | 3.0 | | | | | | | |

PANEL 3EXH — TYPE SURFACE
VOLTAGE 277/480, 3ø, 4w — MAINS 400A M.L.O.

| POLE | TRIP | CONDUCTOR | CONDUIT | DESIGNATION | KVA | NO | PHASE øA | PHASE øB | PHASE øC | NO | KVA | DESIGNATION | CONDUIT | CONDUCTOR | TRIP | POLE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20 | 2#12,#12G | 1/2" | SPS LIGHTING | 1.9 | 1 | 1.9 | | | 2 | – | SPACE | – | – | – | – |
| 1 | 20 | 2#12,#12G | 1/2" | SPS LIGHTING | 1.7 | 3 | | 1.7 | | 4 | – | SPACE | – | – | – | – |
| 1 | 20 | 2#12,#12G | 1/2" | SPS LIGHTING | 1.0 | 5 | | | 1.0 | 6 | – | SPACE | – | – | – | – |
| 1 | 20 | 2#12,#12G | 1/2" | SPS LIGHTING | 2.1 | 7 | 2.1 | | | 8 | – | SPACE | – | – | – | – |
| 1 | 20 | – | – | SPARE | – | 9 | | – | | 10 | – | SPACE | – | – | – | – |
| 1 | 20 | – | – | SPARE | – | 11 | | | – | 12 | – | SPACE | – | – | – | – |
| 1 | 20 | – | – | SPARE | – | 13 | – | | | 14 | – | SPACE | – | – | – | – |
| – | – | – | – | SPACE | – | 15 | | – | | 16 | – | SPACE | – | – | – | – |
| – | – | – | – | SPACE | – | 17 | | | – | 18 | – | SPACE | – | – | – | – |
| – | – | – | – | SPACE | – | 19 | 37.7 | | | 20 | 37.7 | TRANSFORMER X3EXL | 3" | 4#250,#4G | 225 | 3 |
| – | – | – | – | SPACE | – | 21 | | 36.9 | | 22 | 36.9 | | | | | |
| – | – | – | – | SPACE | – | 23 | | | 34.7 | 24 | 34.7 | | | | | |
| PANEL SHALL BE SERVICE ENTRANCE RATED. | | | | | TOTAL: | | 41.7 | 38.6 | 35.7 | | | | | | | |

PANEL HDP3 — TYPE SURFACE
VOLTAGE 277/480, 3ø, 4w — MAINS 400A M.B.

| POLE | TRIP | CONDUCTOR | CONDUIT | DESIGNATION | KVA | NO | PHASE øA | PHASE øB | PHASE øC | NO | KVA | DESIGNATION | CONDUIT | CONDUCTOR | TRIP | POLE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 100 | – | – | SPARE | – | 1 | – | | | 2 | – | SPACE | – | – | – | – |
| ↓ | ↓ | ↓ | ↓ | ↓ | – | 3 | | – | | 4 | – | SPACE | – | – | – | – |
| ↓ | ↓ | ↓ | ↓ | ↓ | – | 5 | | | – | 6 | – | SPACE | – | – | – | – |
| 3 | 60 | – | – | SPARE | – | 7 | – | | | 8 | – | SPACE | – | – | – | – |
| ↓ | ↓ | ↓ | ↓ | ↓ | – | 9 | | – | | 10 | – | SPACE | – | – | – | – |
| ↓ | ↓ | ↓ | ↓ | ↓ | – | 11 | | | – | 12 | – | SPACE | – | – | – | – |
| 3 | 30 | – | – | SPARE | – | 13 | – | | | 14 | – | SPACE | – | – | – | – |
| ↓ | ↓ | ↓ | ↓ | ↓ | – | 15 | | – | | 16 | – | SPACE | – | – | – | – |
| ↓ | ↓ | ↓ | ↓ | ↓ | – | 17 | | | – | 18 | – | SPACE | – | – | – | – |
| 1 | 20 | – | – | SPARE | – | 19 | – | | | 20 | – | SPACE | – | – | – | – |
| 1 | 20 | – | – | SPARE | – | 21 | | – | | 22 | – | SPACE | – | – | – | – |
| 1 | 20 | – | – | SPARE | – | 23 | | | – | 24 | – | SPACE | – | – | – | – |
| 1 | 20 | – | – | SPARE | – | 25 | – | | | 26 | – | SPACE | – | – | – | – |
| 1 | 20 | – | – | SPARE | – | 27 | | – | | 28 | – | SPACE | – | – | – | – |
| – | – | – | – | SPACE | – | 29 | | | – | 30 | – | SPACE | – | – | – | – |
| – | – | – | – | SPACE | – | 31 | 4.1 | | | 32 | 4.1 | PANEL HP3 | 1–1/2" | 4#2,#8G | 100 | 3 |
| – | – | – | – | SPACE | – | 33 | | 3.3 | | 34 | 3.3 | | | | | |
| – | – | – | – | SPACE | – | 35 | | | 4.0 | 36 | 4.0 | | | | | |
| – | – | – | – | SPACE | – | 37 | 9.6 | | | 38 | 9.6 | TRANSFORMER XHDP3 | 2" | 3#1/0,#6G | 120 | 3 |
| – | – | – | – | SPACE | – | 39 | | 9.0 | | 40 | 9.0 | | | | | |
| – | – | – | – | SPACE | – | 41 | | | 7.8 | 42 | 7.8 | | | | | |
| | | | | | TOTAL: | | 13.7 | 12.3 | 11.8 | | | MINIMUM 18,000 A.I.C. RATING | | | | |

PANEL HP3 (1) — TYPE SURFACE
VOLTAGE 277/480, 3ø, 4w — MAINS 100A M.L.O.

| POLE | TRIP | CONDUCTOR | CONDUIT | DESIGNATION | KVA | NO | PHASE øA | PHASE øB | PHASE øC | NO | KVA | DESIGNATION | CONDUIT | CONDUCTOR | TRIP | POLE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20 | 2#12,#12G | 1/2" | LIGHTING (2) | 1.9 | 1 | 1.9 | | | 2 | – | SPACE | – | – | – | – |
| 1 | 20 | 2#12,#12G | 1/2" | LIGHTING (2) | 1.4 | 3 | | 1.4 | | 4 | – | SPACE | – | – | – | – |
| 1 | 20 | 2#12,#12G | 1/2" | LIGHTING (2) | 2.2 | 5 | | | 2.2 | 6 | – | SPACE | – | – | – | – |
| 1 | 20 | 2#12,#12G | 1/2" | LIGHTING (2) | 2.2 | 7 | 2.2 | | | 8 | – | SPACE | – | – | – | – |
| 1 | 20 | 2#12,#12G | 1/2" | LIGHTING (2) | 1.9 | 9 | | 1.9 | | 10 | – | SPACE | – | – | – | – |
| 1 | 20 | 2#12,#12G | 1/2" | LIGHTING (2) | 1.8 | 11 | | | 1.8 | 12 | – | SPACE | – | – | – | – |
| 1 | 20 | – | – | SPARE | – | 13 | – | | | 14 | – | SPACE | – | – | – | – |
| 1 | 20 | – | – | SPARE | – | 15 | | – | | 16 | – | SPACE | – | – | – | – |
| 1 | 20 | – | – | SPARE | – | 17 | | | – | 18 | – | SPACE | – | – | – | – |
| 1 | 20 | – | – | SPARE | – | 19 | – | | | 20 | – | SPACE | – | – | – | – |
| 1 | 20 | – | – | SPARE | – | 21 | | – | | 22 | – | SPACE | – | – | – | – |
| 1 | 20 | – | – | SPARE | – | 23 | | | – | 24 | – | SPACE | – | – | – | – |
| 1 | 20 | – | – | SPARE | – | 25 | – | | | 26 | – | SPACE | – | – | – | – |
| 1 | 20 | – | – | SPARE | – | 27 | | – | | 28 | – | SPACE | – | – | – | – |
| 1 | 20 | – | – | SPARE | – | 29 | | | – | 30 | – | SPACE | – | – | – | – |
| | | | | | TOTAL: | | 4.1 | 3.3 | 4.0 | | | MINIMUM 18,000 A.I.C. RATING | | | | |

(1) PROVIDE SQUARE 'D' POWERLINK G3, 3000 LEVEL SYSTEM. MAKE ALL REQUIRED CONNECTIONS AND PROVIDE ALL CABLING AS REQUIRED SO THAT POWERLINK G3 3000 SYSTEM IS CONNECTED TO THE INTERNET AND FULLY OPERATIONAL. PROVIDE ALL PROGRAMMING AS REQUIRED AND EDUCATE/TRAIN USERS TO ACCESS SYSTEM VIA INTERNET AND TO PROGRAM SYSTEM TO CONTROL LIGHTING FUNCTIONS.

(2) COORDINATE CONTROL OF LIGHTING TO BE CONSISTENT WITH SIMILAR SPACES AT BASEMENT FLOOR AND FIRST FLOOR.

PANEL 3EC — TYPE SURFACE
VOLTAGE 120/208, 3ø, 4w — MAINS 100A M.B.

| POLE | TRIP | CONDUCTOR | CONDUIT | DESIGNATION | KVA | NO | PHASE øA | PHASE øB | PHASE øC | NO | KVA | DESIGNATION | CONDUIT | CONDUCTOR | TRIP | POLE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20 | 2#12,#12G | 1/2" | IT 310 | 0.4 | 1 | 0.4 | | | 2 | – | SPARE | – | – | 20 | 1 |
| 1 | 20 | 2#12,#12G | 1/2" | IT 310 | 0.4 | 3 | | 0.4 | | 4 | – | SPARE | – | – | 20 | 1 |
| 1 | 20 | 2#12,#12G | 1/2" | IT 310 | 0.6 | 5 | | | 0.6 | 6 | – | SPARE | – | – | 20 | 1 |
| 1 | 20 | 2#12,#12G | 1/2" | RECP 318 | 0.2 | 7 | 0.2 | | | 8 | – | SPARE | – | – | 20 | 1 |
| – | – | – | – | SPACE | – | 9 | | – | | 10 | – | SPARE | – | – | 20 | 1 |
| – | – | – | – | SPACE | – | 11 | | | – | 12 | – | SPARE | – | – | 20 | 1 |
| – | – | – | – | SPACE | – | 13 | – | | | 14 | – | SPARE | – | – | 20 | 1 |
| – | – | – | – | SPACE | – | 15 | | – | | 16 | – | SPARE | – | – | 20 | 1 |
| – | – | – | – | SPACE | – | 17 | | | – | 18 | – | SPARE | – | – | 20 | 1 |
| – | – | – | – | SPACE | – | 19 | 1.0 | | | 20 | 1.0 | PANEL 4EC | 1" | 4#6,#10G | 60 | 3 |
| – | – | – | – | SPACE | – | 21 | | 1.0 | | 22 | 1.0 | | | | | |
| – | – | – | – | SPACE | – | 23 | | | 0.8 | 24 | 0.8 | | | | | |
| | | | | | TOTAL: | | 1.6 | 1.4. | 1.4 | | | MINIMUM 10,000 A.I.C. RATING | | | | |

PANEL 3EXL (SECTION 1) — TYPE SURFACE
VOLTAGE 120/208, 3ø, 4w — MAINS 400A M.L.O.

| POLE | TRIP | CONDUCTOR | CONDUIT | DESIGNATION | KVA | NO | PHASE øA | PHASE øB | PHASE øC | NO | KVA | DESIGNATION | CONDUIT | CONDUCTOR | TRIP | POLE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 45 | 3#6,#10G | 1" | AIR COMPRESSOR | 3.1 | 1 | 5.1 | | | 2 | 2.0 | ULTRASONIC CLEANER | 3/4" | 3#10,#10G | 30 | 3 |
| ↓ | ↓ | ↓ | ↓ | ↓ | 3.1 | 3 | | 5.1 | | 4 | 2.0 | ↓ | ↓ | ↓ | ↓ | ↓ |
| ↓ | ↓ | ↓ | ↓ | ↓ | 3.1 | 5 | | | 5.1 | 6 | 2.0 | ↓ | ↓ | ↓ | ↓ | ↓ |
| 3 | 45 | 3#6,#10G | 1" | AIR COMPRESSOR | – | 7 | 4.5 | | | 8 | 4.5 | ULTRASONIC CLEANER | 1–1/4" | 3#4,#10G | 60 | 3 |
| ↓ | ↓ | ↓ | ↓ | ↓ | – | 9 | | 4.5 | | 10 | 4.5 | ↓ | ↓ | ↓ | ↓ | ↓ |
| ↓ | ↓ | ↓ | ↓ | ↓ | – | 11 | | | 4.5 | 12 | 4.5 | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1 | 20 | 2#12,#12G | 1/2" | SM. STEAM STER. | 0.3 | 13 | 3.4 | | | 14 | 3.1 | WASHER/DIS | 1" | 3#8,#10G | 35 | 3 |
| 3 | 20 | 3#10,#10G | 3/4" | LG. STEAM STER. | 1.4 | 15 | | 4.5 | | 16 | 3.1 | ↓ | ↓ | ↓ | ↓ | ↓ |
| ↓ | ↓ | ↓ | ↓ | ↓ | 1.4 | 17 | | | 4.5 | 18 | 3.1 | ↓ | ↓ | ↓ | ↓ | ↓ |
| ↓ | ↓ | ↓ | ↓ | ↓ | 1.4 | 19 | 4.5 | | | 20 | 3.1 | WASHER/DIS | 1" | 3#8,#10G | 35 | 3 |
| 3 | 20 | 3#10,#10G | 3/4" | LG. STEAM STER. | 1.4 | 21 | | 4.5 | | 22 | 3.1 | ↓ | ↓ | ↓ | ↓ | ↓ |
| ↓ | ↓ | ↓ | ↓ | ↓ | 1.4 | 23 | | | 4.5 | 24 | 3.1 | ↓ | ↓ | ↓ | ↓ | ↓ |
| ↓ | ↓ | ↓ | ↓ | ↓ | 1.4 | 25 | 4.5 | | | 26 | 3.1 | WASHER/DIS | 1" | 3#8,#10G | 35 | 3 |
| 1 | 20 | 2#12,#12G | 1/2" | RECEPTACLE | 1.0 | 27 | | 4.1 | | 28 | 3.1 | ↓ | ↓ | ↓ | ↓ | ↓ |
| – | – | – | – | SPACE | – | 29 | | | 3.1 | 30 | 3.1 | ↓ | ↓ | ↓ | ↓ | ↓ |
| 3 | 20 | 3#10,#10G | 3/4" | LOW TEMP. STER. | 1.9 | 31 | 5.0 | | | 32 | 3.1 | CART WASH | 1" | 3#8,#10G | 40 | 3 |
| ↓ | ↓ | ↓ | ↓ | ↓ | 1.9 | 33 | | 5.0 | | 34 | 3.1 | ↓ | ↓ | ↓ | ↓ | ↓ |
| ↓ | ↓ | ↓ | ↓ | ↓ | 1.9 | 35 | | | 5.0 | 36 | 3.1 | ↓ | ↓ | ↓ | ↓ | ↓ |
| 3 | 20 | 3#10,#10G | 3/4" | LOW TEMP. STER. | 1.9 | 37 | 3.7 | | | 38 | 1.8 | MEDIVATOR | 1/2" | 2#12,#12G | 20 | 1 |
| ↓ | ↓ | ↓ | ↓ | ↓ | 1.9 | 39 | | 3.7 | | 40 | 1.8 | MEDIVATOR | 1/2" | 2#12,#12G | 20 | 1 |
| ↓ | ↓ | ↓ | ↓ | ↓ | 1.9 | 41 | | | 3.7 | 42 | 1.8 | MEDIVATOR | 1/2" | 2#12,#12G | 20 | 1 |
| | | | | | TOTAL: | | 30.7 | 31.4 | 30.4 | | | | | | | |

PANEL 3EXL (SECTION 2) — TYPE SURFACE
VOLTAGE 120/208, 3ø, 4w — MAINS 400A M.L.O.

| POLE | TRIP | CONDUCTOR | CONDUIT | DESIGNATION | KVA | NO | PHASE øA | PHASE øB | PHASE øC | NO | KVA | DESIGNATION | CONDUIT | CONDUCTOR | TRIP | POLE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20 | 2#12,#12G | 1/2" | RECEPTACLES | 0.8 | 43 | 1.3 | | | 44 | 0.5 | WTR PVR. SYS | 1/2" | 2#12,#12G | 15 | 2 |
| 1 | 20 | 2#12,#12G | 1/2" | RECEPTACLES | 0.8 | 45 | | 1.3 | | 46 | 0.5 | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1 | 20 | 2#12,#12G | 1/2" | RECEPTACLES | 0.8 | 47 | | | 1.3 | 48 | 0.5 | WTR PVR. SYS | 1/2" | 2#12,#12G | 15 | 2 |
| 1 | 20 | 2#12,#12G | 1/2" | RECEPTACLES | 1.6 | 49 | 3.1 | | | 10 | 0.5 | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1 | 20 | 2#12,#12G | 1/2" | RECEPTACLES | 1.0 | 51 | | 1.0 | | 52 | – | SPARE | – | – | 20 | 1 |
| 1 | 20 | 2#12,#12G | 1/2" | RECEPTACLES | 1.0 | 53 | | | 1.0 | 54 | – | SPARE | – | – | 20 | 1 |
| 1 | 20 | 2#12,#12G | 1/2" | RECEPTACLES | 1.0 | 55 | 1.0 | | | 56 | – | SPARE | – | – | 20 | 1 |
| 1 | 20 | 2#12,#12G | 1/2" | RECEPTACLES | 1.0 | 57 | | 1.0 | | 58 | – | SPARE | – | – | 20 | 1 |
| 1 | 20 | 2#12,#12G | 1/2" | RECEPTACLES | 0.8 | 59 | | | 0.8 | 60 | – | SPARE | – | – | 20 | 1 |
| 1 | 20 | 2#12,#12G | 1/2" | RECEPTACLES | 0.4 | 61 | 0.4 | | | 62 | – | SPARE | – | – | 20 | 1 |
| 1 | 20 | 2#12,#12G | 1/2" | RECEPTACLES | 0.6 | 63 | | 0.6 | | 64 | – | SPARE | – | – | 20 | 1 |
| 1 | 20 | 2#12,#12G | 1/2" | EV'S/SV'S | 1.2 | 65 | | | 1.2 | 66 | – | SPARE | – | – | 20 | 1 |
| 1 | 20 | 2#12,#12G | 1/2" | EV'S/SV'S | 1.2 | 67 | 1.2 | | | 68 | – | SPARE | – | – | 20 | 1 |
| 1 | 20 | 2#12,#12G | 1/2" | EV'S/SV'S | 1.6 | 69 | | 1.6 | | 70 | – | SPARE | – | – | 20 | 1 |
| 1 | 20 | – | – | SPARE | – | 71 | | | – | 72 | – | SPARE | – | – | 20 | 1 |
| 1 | 20 | – | – | SPARE | – | 73 | – | | | 74 | – | SPARE | – | – | 20 | 1 |
| 1 | 20 | – | – | SPARE | – | 75 | | – | | 76 | – | SPARE | – | – | 20 | 1 |
| 1 | 20 | – | – | SPARE | – | 77 | | | – | 78 | – | SPARE | – | – | 20 | 1 |
| 1 | 20 | – | – | SPARE | – | 79 | – | | | 80 | – | SPARE | – | – | 20 | 1 |
| 1 | 20 | – | – | SPARE | – | 81 | | – | | 82 | – | SPARE | – | – | 20 | 1 |
| 1 | 20 | – | – | SPARE | – | 83 | | | – | 84 | – | SPARE | – | – | 20 | 1 |
| | | | | | SECTION ONE TOTAL: | | 30.7 | 31.4 | 30.4 | | | | | | | |
| | | | | | SECTION TWO TOTAL: | | 7.0 | 5.5 | 4.3 | | | | | | | |
| | | | | | COMBINED TOTAL: | | 37.7 | 36.9 | 34.7 | | | | | | | |

FINAL SUBMITTAL

| Revisions: | Date |
|---|---|
| | |

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Drawing Title: PANELBOARD SCHEDULES ELECTRICAL
Approved: Project Director

Project Title: EXPAND RADIOLOGY AND SPS OVERTON BROOKS VAMC
Location: SHREVEPORT, LA
Date: 04-17-2015 | Checked: CBC | Drawn: TWG

Project Number: 667-083
Building Number: 1
Drawing Number: E601
Dwg. 158 of 160

OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT
VA | U.S. Department of Veterans Affairs

Drawing File: H:\2013\5123-VA Shreveport 3rd and 4th Floors\Drawings\5123 E001, E501, E601-3.dwg
Plotted by: tgilleland
Plotted Date: Apr 20, 2015 - 9:38am

VA FORM 08-6231A, MAR 1984
CN 5123