

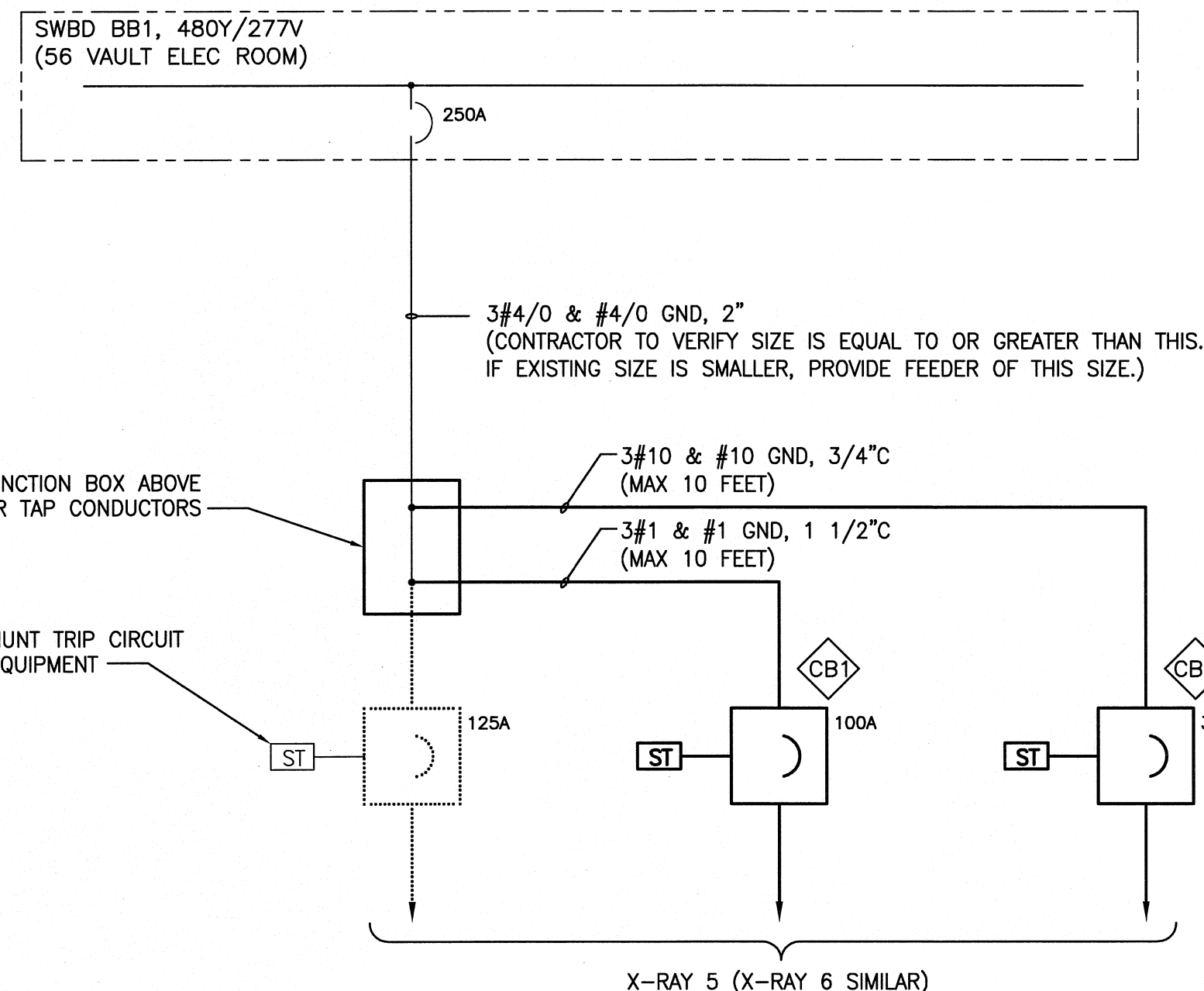
| DIRECTORY | KVA LOAD | | | CKT NO. | BKR AMPS | A B C | | | BKR AMPS | CKT NO. | KVA LOAD | | | DIRECTORY |
|---|--------------------------------|-----|------|------------------|----------|-------|---------------------------|--------------------------------|----------|---------|----------|------|------------------------------------|-----------|
| | A | B | C | | | A | B | C | | | | | | |
| (1) | 0.4* | | | 1 | 20 | | | | 20 | 2 | 0.4 | | RECEPTS- FLUORO FILM/WORK B461 (4) | |
| (4) | RECEPTS- FLUORO FILM/WORK B461 | 0.4 | | 3 | 20 | | | | 20 | 4 | 0.4 | | RECEPTS- FLUORO FILM/WORK B461 (4) | |
| (4) | RECEPTS- FLUORO FILM/WORK B461 | | 0.4 | 5 | 20 | | | | 20 | 6 | | 0.4 | RECEPTS- FLUORO FILM/WORK B461 (4) | |
| (3) | RECEPTS- FLUORO FILM/WORK B461 | 0.4 | | 7 | 20 | | | | 20 | 8 | 0.4 | | RECEPTS- FLUORO FILM/WORK B461 (4) | |
| (3) | RECEPTS- FLUORO FILM/WORK B461 | | 0.4 | 9 | 20 | | | | 20 | 10 | | | SPARE | |
| (3) | RECEPTS- FLUORO FILM/WORK B461 | | | 11 | 20 | | | | 20 | 12 | | | SPARE | |
| (3) | RECEPTS- FLUORO FILM/WORK B461 | 0.4 | | 13 | 20 | | | | 20 | 14 | | | SPARE | |
| (1) | | | 0.4* | 15 | 20 | | | | 20 | 16 | | | SPARE | |
| (3) | RECEPTS- FLUORO FILM/WORK B461 | | 0.4 | 17 | 20 | | | | 20 | 18 | | *0.4 | (1) | |
| (3) | RECEPTS- FLUORO FILM/WORK B461 | 0.4 | | 19 | 20 | | | | 20 | 20 | *0.4 | | (1) | |
| (1) | | | 0.4* | 21 | 20 | | | | 20 | 22 | | *0.4 | (1) | |
| (1) | | | | 23 | 20 | | | | 20 | 24 | | *0.4 | (1) | |
| (1) | | | 0.4* | 25 | 20 | | | | 20 | 26 | | *0.4 | (1) | |
| (1) | | | | 27 | 20 | | | | 20 | 28 | | *0.4 | (1) | |
| (1) | | | 0.4* | 29 | 20 | | | | 20 | 30 | | | SPARE (2) | |
| SUB-TOTAL | | | | 2.0* | 2.0* | 2.0* | NEUTRAL BUS GROUND BUS | | | 1.6* | 1.2* | 1.2* | SUB-TOTAL | |
| VOLTAGE: 208Y/120V 3 PHASE 4 WIRE 125 AMP BUS | | | | TOTAL KVA A 3.6* | | | | PANEL NO. EBA2A | | | | | | |
| MAIN LUGS ONLY 125 AMP LUGS | | | | TOTAL KVA B 3.2* | | | | (EXISTING-CRITICAL) | | | | | | |
| MOUNTING: RECESSED | | | | TOTAL KVA C 3.2* | | | | LOCATION FLUORO FILM/WORK B461 | | | | | | |
| SC RATING: 22,000 | | | | TOTAL KVA 10.0* | | | | | | | | | | |

| DIRECTORY | KVA LOAD | | | CKT NO. | BKR AMPS | A B C | | | BKR AMPS | CKT NO. | KVA LOAD | | | DIRECTORY |
|---|----------|------|------|------------------|----------|-------|---------------------------|-----------------------------|----------|---------|----------|------|---------------------------------|-----------|
| | A | B | C | | | A | B | C | | | | | | |
| (1) | 1.0* | | | 1 | 20 | | | | 20 | 2 | 1.2 | | LTG-ANGIO, FLUORO FILM/WORK (7) | |
| (1) | | 0.2* | | 3 | 20 | | | | 20 | 4 | | 1.0* | (1) | |
| (1) | | | 1.0* | 5 | 20 | | | | 20 | 6 | | 1.0* | (1) | |
| (1) | 1.0* | | | 7 | 20 | | | | 20 | 8 | 1.0* | | (1) | |
| (1) | | 1.0* | | 9 | 20 | | | | 20 | 10 | | 1.0* | (1) | |
| (1) | | | 1.0* | 11 | 20 | | | | 20 | 12 | | 1.0* | (1) | |
| (1) | 1.0* | | | 13 | 20 | | | | 20 | 14 | 1.0* | | (1) | |
| (1) | | 1.0* | | 15 | 20 | | | | 20 | 16 | | 1.0* | (1) | |
| (1) | | | 1.0* | 17 | 20 | | | | 20 | 18 | | 1.0* | (1) | |
| (1) | 1.0* | | | 19 | 20 | | | | 20 | 20 | 1.0* | | (1) | |
| (1) | | | | 21 | 20 | | | | 20 | 22 | | | SPACE | |
| (1) | | | | 23 | 20 | | | | 20 | 24 | | | SPACE | |
| (1) | | | | 25 | 20 | | | | 20 | 26 | | | SPACE | |
| (1) | | | | 27 | 20 | | | | 20 | 28 | | | SPACE | |
| (1) | | | | 29 | 20 | | | | 20 | 30 | | | SPACE | |
| SUB-TOTAL | | | | 4.0* | 2.2* | 3.0* | NEUTRAL BUS GROUND BUS | | | 4.2* | 3.0* | 3.0* | SUB-TOTAL | |
| VOLTAGE: 208Y/120V 3 PHASE 4 WIRE 100 AMP BUS | | | | TOTAL KVA A 8.2* | | | | PANEL NO. LPBALS2 | | | | | | |
| MAIN LUGS ONLY 100 AMP LUGS | | | | TOTAL KVA B 5.2* | | | | (EXIST-LIFE SAFETY) | | | | | | |
| MOUNTING: RECESSED | | | | TOTAL KVA C 6.0* | | | | LOCATION EQUIP CONTROL B452 | | | | | | |
| SC RATING: 22,000 | | | | TOTAL KVA 19.4* | | | | | | | | | | |

| DIRECTORY | KVA LOAD | | | CKT NO. | BKR AMPS | A B C | | | BKR AMPS | CKT NO. | KVA LOAD | | | DIRECTORY |
|---|----------|---|------|------------------|----------|-------|---------------------------|---------------------------------|----------|---------|----------|------|---|-----------|
| | A | B | C | | | A | B | C | | | | | | |
| (6) | 0.6* | | | 1 | 20 | | | | 20 | 2 | 1.0* | | (1) | |
| (2) | SPARE | | | 3 | 20 | | | | 20 | 4 | | 0.7* | (1) | |
| (1) | | | 1.4* | 5 | 20 | | | | 20 | 6 | | 1.0 | LTG-FLUORO B419,421,457,459,461,463,468 (7) | |
| (1) | 1.0* | | | 7 | 20 | | | | 20 | 8 | 0.8 | | LTG-GCB115, GCB120, B432 (7) | |
| (2) | SPARE | | | 9 | 20 | | | | 20 | 10 | | 1.1 | LTG-B428, 430, 434, 436, 440, 442, 444 (7) | |
| (1) | | | 1.4* | 11 | 20 | | | | 20 | 12 | | 1.5 | LTG-B429, 433, 449, 451, 453, 455 (7) | |
| (1) | 1.0* | | | 13 | 20 | | | | 20 | 14 | 0.7 | | LTG-B427, B454, B456, B456A (7) | |
| (2) | SPARE | | | 15 | 20 | | | | 20 | 16 | | 1.0* | (1) | |
| (2) | SPARE | | | 17 | 20 | | | | 20 | 18 | | 1.0* | (1) | |
| (6) | | | 0.8* | 19 | 20 | | | | 20 | 20 | 1.0* | | (1) | |
| (6) | | | 0.6* | 21 | 20 | | | | 20 | 22 | | 1.0* | (1) | |
| (2) | SPARE | | | 23 | 20 | | | | 20 | 24 | | 1.0* | (1) | |
| (2) | SPARE | | | 25 | 20 | | | | 20 | 26 | | 1.0* | (1) | |
| (2) | SPARE | | | 27 | 20 | | | | 20 | 28 | | 1.0* | (1) | |
| (2) | SPARE | | | 29 | 20 | | | | 20 | 30 | | 1.0* | (1) | |
| SUB-TOTAL | | | | 3.4* | 0.6* | 2.8* | NEUTRAL BUS GROUND BUS | | | 4.5* | 4.8* | 5.5* | SUB-TOTAL | |
| VOLTAGE: 208Y/120V 3 PHASE 4 WIRE 225 AMP BUS | | | | TOTAL KVA A 7.9* | | | | PANEL NO. LPBA2(R) | | | | | | |
| MAIN LUGS ONLY 225 AMP LUGS | | | | TOTAL KVA B 5.4* | | | | (EXIST-NORMAL) | | | | | | |
| MOUNTING: RECESSED | | | | TOTAL KVA C 8.3* | | | | LOCATION ANGIO CORRIDOR GC-B120 | | | | | | |
| SC RATING: 22,000 | | | | TOTAL KVA 21.6* | | | | | | | | | | |

| DIRECTORY | KVA LOAD | | | CKT NO. | BKR AMPS | A B C | | | BKR AMPS | CKT NO. | KVA LOAD | | | DIRECTORY |
|---|-----------------------------------|-----|-----|---------------|----------|-------|---------------------------|----------------------------|----------|---------|----------|---|-----------|-----------|
| | A | B | C | | | A | B | C | | | | | | |
| (1) | | | | 1 | 20 | | | | 20 | 2 | | | (1) | |
| (1) | | | | 3 | 20 | | | | 20 | 4 | | | (1) | |
| (4) | IMAGE PROJECTOR - FLUORO 6 | | 0.5 | 5 | 20 | | | | 20 | 6 | | | (1) | |
| (1) | | | | 7 | 20 | | | | 20 | 8 | | | (1) | |
| (1) | | | | 9 | 20 | | | | 20 | 10 | | | (1) | |
| (1) | | | | 11 | 20 | | | | 20 | 12 | | | (1) | |
| (1) | | | | 13 | 20 | | | | 20 | 14 | | | (1) | |
| (1) | | | | 15 | 20 | | | | 20 | 16 | | | (1) | |
| (4) | PATIENT LIFTS - FLUORO 5 & 6 | 0.3 | | 19 | 20 | | | | 20 | 20 | | | (1) | |
| (5) | FC-1 (FLUORO 5) & FC-2 (FLUORO 6) | | 0.1 | 23 | 15 | | | | 20 | 24 | | | (1) | |
| (1) | | | 0.1 | 25 | 15 | | | | 20 | 26 | | | (1) | |
| (1) | | | | 27 | 20 | | | | 20 | 28 | | | (1) | |
| (1) | | | | 29 | 20 | | | | 20 | 30 | | | (1) | |
| (1) | SPARE | | | 31 | 20 | | | | 20 | 32 | | | (1) | |
| (1) | SPARE | | | 33 | 20 | | | | 20 | 34 | | | (1) | |
| (1) | SPARE | | | 35 | 20 | | | | 20 | 36 | | | (1) | |
| (1) | | | | 37 | 20 | | | | 20 | 38 | | | SPACE | |
| (1) | | | | 39 | 20 | | | | 20 | 40 | | | SPACE | |
| (1) | | | | 41 | 20 | | | | 20 | 42 | | | SPACE | |
| SUB-TOTAL | | | | * | * | * | NEUTRAL BUS GROUND BUS | | | * | * | * | SUB-TOTAL | |
| VOLTAGE: 208Y/120V 3 PHASE 4 WIRE 225 AMP BUS | | | | TOTAL KVA A * | | | | PANEL NO. P1 | | | | | | |
| MAIN LUGS ONLY 100 AMP LUGS | | | | TOTAL KVA B * | | | | (EXIST-NORMAL) | | | | | | |
| MOUNTING: RECESSED | | | | TOTAL KVA C * | | | | LOCATION NEAR FLUORO 5 & 6 | | | | | | |
| SC RATING: 22,000 AIC | | | | TOTAL KVA * | | | | | | | | | | |

| DIRECTORY | KVA LOAD | | | CKT NO. | BKR AMPS | A B C | | | BKR AMPS | CKT NO. | KVA LOAD | | | DIRECTORY |
|---|--|------|-----|------------------|----------|-------|---------------------------|---------------------------------|----------|---------|----------|------|-------------------------------------|-----------|
| | A | B | C | | | A | B | C | | | | | | |
| (1) | 0.6* | | | 31 | 20 | | | | 20 | 32 | 1.0* | | (1) | |
| (1) | | 1.2* | | 33 | 20 | | | | 20 | 34 | | 1.0* | (1) | |
| (7) | RECEPTS - FLUORO B461, 463, 468 | | 0.6 | 35 | 20 | | | | 20 | 36 | | 1.0* | (1) | |
| (1) | | 1.0* | | 37 | 20 | | | | 20 | 38 | 1.0* | | (1) | |
| (3) | BLANKET WARMER - GCB120 | | 1.5 | 39 | 20 | | | | 20 | 40 | | 0.2 | FAN COIL UNITS - FC-1,FC-2,FC-3 (5) | |
| (5) | RECEPTS - GCB120 | | | 41 | 20 | | | | 15 | 42 | | 0.2 | (5) | |
| (5) | RECEPTS-CLEAN B442,CLEAN SUPPLY B444 | 0.6 | | 43 | 20 | | | | 20 | 44 | 0.1 | | CP-1 (EQUIPMENT B452) (5) | |
| (5) | MICROWAVE - STAFF LOCKERS B440 | | 1.0 | 45 | 20 | | | | 20 | 46 | | 0.8 | RECEPTS - ANGIO B433 (5) | |
| (5) | REFRIG. & RECEPT-STAFF LOCKERS B440 | | 0.6 | 47 | 20 | | | | 20 | 48 | | 0.8 | RECEPTS - ANGIO B433 (5) | |
| (5) | RECEPTS - HOLDING B449 | | 0.6 | 49 | 20 | | | | 20 | 50 | | | SPACE | |
| (5) | TRASH COMPACTOR - SOILED B453 | | 1.5 | 51 | 20 | | | | 20 | 52 | | | SPACE | |
| (5) | RECEPTS - B429, B451, B453 | | | 53 | 20 | | | | 20 | 54 | | | SPACE | |
| (5) | RECEPTS - CONTROL B429 | | 0.6 | 55 | 20 | | | | 20 | 56 | | | SPACE | |
| (5) | AUTODOORS & RECEPT-GCB120; ROOF RECEPT | | 0.9 | 57 | 20 | | | | 20 | 58 | | | SPACE | |
| (5) | RECEPTS-FAMILY CONSULT B456,NSKP B456A | | 0.6 | 59 | 20 | | | | 20 | 60 | | | SPACE | |
| SUB-TOTAL | | | | 3.4* | 6.1* | 3.1* | NEUTRAL BUS GROUND BUS | | | 2.1* | 2.0* | 2.0* | SUB-TOTAL | |
| VOLTAGE: 208Y/120V 3 PHASE 4 WIRE 225 AMP BUS | | | | TOTAL KVA A 5.5* | | | | PANEL NO. LPBA2(L) | | | | | | |
| MAIN LUGS ONLY 225 AMP LUGS | | | | TOTAL KVA B 8.1* | | | | (EXIST-NORMAL) | | | | | | |
| MOUNTING: RECESSED | | | | TOTAL KVA C 5.1* | | | | LOCATION ANGIO CORRIDOR GC-B120 | | | | | | |
| SC RATING: 22,000 AIC | | | | TOTAL KVA 18.7* | | | | | | | | | | |



ONE LINE DIAGRAM

REFERENCE ITEM # ON PHILIPS INSTALLATION DRAWINGS

NOTE:
1. SEE SHEET E-001 FOR LEGEND AND GENERAL NOTES.

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BRAMHALL RADIOLOGY
FLUORO RENOVATIONS
PORTLAND, ME

ISSUED FOR CONSTRUCTION
8.24.10

GRAPHIC SCALE: 0" = 1"

SCALE: NONE
PROJECT MANAGER: DIV
JOB DRAWN BY: CDS
A/E OF RECORD: IPP
PROJECT NO.: 09022-02
DATE: 8.24.10

SHEET TITLE:
**ONE-LINE DIAGRAM
AND
PANEL SCHEDULES**

SHEET No. EP 001