



ROOM 6 FLUORO BASEMENT POWER PLAN  
 1/2" = 1'-0"

ITEM #	DESCRIPTION
EB1	480V, 3 PHASE, 100A CIRCUIT BREAKER WITH SHUNT TRIP IN A NEMA 1 ENCLOSURE.
EB2	480V, 3 PHASE, 30A CIRCUIT BREAKER WITH SHUNT TRIP IN A NEMA 1 ENCLOSURE.
ST	SHUNT TRIP/EMERGENCY OFF BUTTON. LARGE, RED, MUSHROOM HEAD BUTTON WITH CONTACTS TO OPERATE SHUNT TRIP FEATURE OF EB1 AND EB2 SIMULTANEOUSLY.
MB	INSTALL A 19 1/4"W x 6 7/8"H x 4"D FLANGED TERMINAL WALL BOX WITH REMOVABLE SCREW-TYPE COVER PLATE FURNISHED BY PHILIPS. SURFACE MOUNT 75" AFF TO TOP OF BOX. CUT TOP AND/OR BOTTOM OF BOX AS REQUIRED TO CONNECT TO "WR1".
ME	INSTALL A 19 1/4"W x 6 7/8"H x 4"D FLANGED TERMINAL WALL BOX WITH REMOVABLE SCREW-TYPE COVER PLATE FURNISHED BY PHILIPS. SURFACE MOUNT 75" AFF TO TOP OF BOX. CUT TOP AND/OR BOTTOM OF BOX AS REQUIRED TO CONNECT TO "WR1".
MR	INSTALL A 19 1/4"W x 6 7/8"H x 4"D FLANGED TERMINAL WALL BOX WITH REMOVABLE SCREW-TYPE COVER PLATE FURNISHED BY PHILIPS. SURFACE MOUNT 75" AFF TO TOP OF BOX. CUT TOP AND/OR BOTTOM OF BOX AS REQUIRED TO CONNECT TO "WR1".
MU	8"W x 8 1/2" x 4"D CEILING BOX, FLUSH MOUNTED WITH REMOVABLE SCREW-TYPE COVER PLATE.
MS	GROMMET OPENING ON TOP OF "FR1". EXACT SIZE TO BE DETERMINED BY PHILIPS.
FR1	EXISTING FLOOR TRENCH. EXISTING RACEWAY TO BE MODIFIED TO ACCOMMODATE FLUSH MOUNTING OF ED ELEVA FLOORPLATE.
TV	8"W x 8 1/2" x 4"D CEILING BOX, FLUSH MOUNTED WITH REMOVABLE SCREW-TYPE COVER PLATE.
IR	6"W x 4 1/2" x 4"D CEILING BOX, FLUSH MOUNTED WITH REMOVABLE SCREW-TYPE COVER PLATE. MOUNT IR BOX TO BOX COVER. LOCATION SHOWN IS RECOMMEND LOCATION AND MAY BE REVISED. VERIFY EXACT LOCATION WITH PHILIPS.
IB	4"W x 4 1/2" x 4"D WALL BOX WITH REMOVABLE SCREW-TYPE COVER PLATE. FLUSH MOUNT 84" AFF TO BOTTOM OF BOX. LOCATION SHOWN IS RECOMMEND LOCATION AND MAY BE REVISED. VERIFY EXACT LOCATION WITH PHILIPS.
R1	EXISTING SURFACE MOUNTED RISER DUCT WITH REMOVABLE SCREW-TYPE COVER PLATE FROM FINISHED FLOOR TO "WR1".
QR	GROMMETTED CABLE OPENING ON "WR2". LOCATION SHOWN IS RECOMMEND LOCATION AND MAY BE REVISED. VERIFY EXACT LOCATION WITH PHILIPS.
EEC	GROMMETTED CABLE OPENING ON "WR2". LOCATION SHOWN IS RECOMMEND LOCATION AND MAY BE REVISED. VERIFY EXACT LOCATION WITH PHILIPS.
VF	GROMMETTED CABLE OPENING ON "WR2". LOCATION SHOWN IS RECOMMEND LOCATION AND MAY BE REVISED. VERIFY EXACT LOCATION WITH PHILIPS.
WR1	EXISTING WALL RACEWAY WITH REMOVABLE SCREW-TYPE COVERPLATE. SURFACE MOUNTED 30" +/- AFF.
WR2	10"W x 4"D WALL RACEWAY WITH 3 COMPARTMENTS AND REMOVABLE SCREW-TYPE COVERPLATE. SURFACE MOUNT BELOW COUNTER FOR ENTIRE LENGTH. CONNECT TO WR4 LOCATED IN THE EXAM ROOM. MOUNT AT SAME HEIGHT AS WR1.
WR4	10"W x 4"D WALL RACEWAY WITH 3 COMPARTMENTS AND REMOVABLE SCREW-TYPE COVERPLATE. CONNECT TO WR1 IN THE EXAM ROOM AND WR2 IN THE CONTROL ROOM.
WL	WARNING LIGHT. PROVIDE SURFACE MOUNTED X-RAY ON FIXTURE ABOVE DOOR X-RAY ON LIGHT SHALL BE SURE-LITES LPX6-68 OR EQUAL.
DS	DOOR LIMIT SWITCH. 120V, 5A RATED SWITCH CONTACTS TO OPEN WHEN DOOR IS OPEN. MOUNT IN UPPER CORNER ON STRIKE SIDE OF MAIN ENTRY DOOR.

FROM ITEM #	TO ITEM #	CONDUIT QTY AND SIZE	CABLE	REMARKS
EB1	ST	(1) - 3/4"	2 #12 & #12 GND	CONDUIT & CABLE PROVIDED BY THE ELECTRICAL CONTRACTOR.
EB2	ST	(1) - 3/4"	2 #12 & #12 GND	CONDUIT & CABLE PROVIDED BY THE ELECTRICAL CONTRACTOR.
EB1	ME	(1) - 2"	BY PHILIPS	CONDUIT PROVIDED BY THE ELECTRICAL CONTRACTOR; CABLES FURNISHED BY PHILIPS. INSTALLED BY THE ELECTRICAL CONTRACTOR.
EB2	MR	(1) - 1 1/2"	BY PHILIPS	CONDUIT PROVIDED BY THE ELECTRICAL CONTRACTOR; CABLES FURNISHED BY PHILIPS. INSTALLED BY THE ELECTRICAL CONTRACTOR.
MR	ME	(1) - 1/2"	2 #12 & #12 GND	CONDUIT & CABLE PROVIDED BY THE ELECTRICAL CONTRACTOR.
MR	DS	(1) - 1/2"	2 #12 & #12 GND	CONDUIT & CABLE PROVIDED BY THE ELECTRICAL CONTRACTOR.
MR	ME	(1) - 2"	BY PHILIPS	CONDUIT PROVIDED BY THE ELECTRICAL CONTRACTOR; CABLES FURNISHED AND INSTALLED BY PHILIPS. PROVIDE PULL STRING.
MR	MB	(1) - 2 1/2"	BY PHILIPS	CONDUIT PROVIDED BY THE ELECTRICAL CONTRACTOR; CABLES FURNISHED AND INSTALLED BY PHILIPS. PROVIDE PULL STRING.
MR	MB	(1) - 2 1/2"	BY PHILIPS	CONDUIT PROVIDED BY THE ELECTRICAL CONTRACTOR; CABLES FURNISHED AND INSTALLED BY PHILIPS. PROVIDE PULL STRING.
MR	EEC	VIA WR4 & WR2	BY PHILIPS	CABLES FURNISHED AND INSTALLED BY PHILIPS.
MR	EEC	VIA WR4 & WR2	BY PHILIPS	CABLES FURNISHED AND INSTALLED BY PHILIPS.
MR	EEC	VIA WR1 & WR4 & WR2	BY PHILIPS	CABLES FURNISHED AND INSTALLED BY PHILIPS.
MR	VF	VIA WR4 & WR2	BY PHILIPS	CABLES FURNISHED AND INSTALLED BY PHILIPS.
MR	QR	VIA WR4 & WR2	BY PHILIPS	CABLES FURNISHED AND INSTALLED BY PHILIPS.
MR	TV	(1) - 1 1/2"	BY PHILIPS	CONDUIT PROVIDED BY THE ELECTRICAL CONTRACTOR; CABLES FURNISHED AND INSTALLED BY PHILIPS. PROVIDE PULL STRING.
MR	TV	(1) - 1 1/2"	BY PHILIPS	CONDUIT PROVIDED BY THE ELECTRICAL CONTRACTOR; CABLES FURNISHED AND INSTALLED BY PHILIPS. PROVIDE PULL STRING.
MR	IR	(1) - 2"	BY PHILIPS	CONDUIT PROVIDED BY THE ELECTRICAL CONTRACTOR; CABLES FURNISHED AND INSTALLED BY PHILIPS. PROVIDE PULL STRING.
MR	IB	(1) - 2"	BY PHILIPS	CONDUIT PROVIDED BY THE ELECTRICAL CONTRACTOR; CABLES FURNISHED AND INSTALLED BY PHILIPS. PROVIDE PULL STRING.
MR	MR	VIA WR1 & WR4	BY PHILIPS	CABLES FURNISHED AND INSTALLED BY PHILIPS.
MR	MR	VIA WR1 & WR4	BY PHILIPS	CABLES FURNISHED AND INSTALLED BY PHILIPS.
MR	MU	(1) - 2 1/2"	BY PHILIPS	CONDUIT PROVIDED BY THE ELECTRICAL CONTRACTOR; CABLES FURNISHED AND INSTALLED BY PHILIPS. PROVIDE PULL STRING.
MR	MU	(1) - 2 1/2"	BY PHILIPS	CONDUIT PROVIDED BY THE ELECTRICAL CONTRACTOR; CABLES FURNISHED AND INSTALLED BY PHILIPS. PROVIDE PULL STRING.
MR	MU	(1) - 2 1/2"	BY PHILIPS	CONDUIT PROVIDED BY THE ELECTRICAL CONTRACTOR; CABLES FURNISHED AND INSTALLED BY PHILIPS. PROVIDE PULL STRING.

- NOTES:**
- SEE SHEET E-001 FOR LEGEND AND GENERAL NOTES.
  - SEE SHEET EP101 FOR LOCATION OF PANELBOARD P1.
  - REFER TO PHILIPS INSTALLATION DRAWING FOR EASY DIAGNOST ELEV. N-EAS100611.
- # REFERS TO ITEM ON PHILIPS DRAWINGS
- KEYED NOTES:**
- INSTALL RECEPTACLE BETWEEN "WR2" AND COUNTER.
  - RELOCATED POSITION. SEE ED101 FOR EXISTING LOCATION.
  - INSTALL RECEPTACLE @96" AFF FOR IMAGE PROJECTOR.
  - PROVIDE CONNECTION AT CEILING TO PATIENT LIFT. COORDINATE EXACT LOCATION WITH EQUIPMENT. CIRCUIT #P1-21.

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ARCHITECTURE  
 ENGINEERING  
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 INTERIOR DESIGN  
 COMMISSIONING

**SMRT**

REGISTERED PROFESSIONAL ENGINEER  
 LICENSE NO. 10001  
 EXPIRES 12/31/2024

PROJECT NORTH

**ISSUED FOR CONSTRUCTION**  
 08.24.10

Bramhall Radiology  
 FLUORO RENOVATIONS  
 PORTLAND, ME

GRAPHIC SCALE:  
 0" 1"

SCALE: As indicated

PROJECT MANAGER: DIV  
 JC/DRAWN BY: CDS  
 A/E OF RECORD: JPP  
 PROJECT NO: 09022-01  
 DATE: 8.24.10

SHEET TITLE:  
**ENLARGED POWER PLAN SHEET 2**

SHEET No. EP 402