



ANGIO ELECTRICAL CONDUIT & CABLE PLAN-BASEMENT FLOOR  
 1/2" = 1'-0"

**NOTES:**

- SEE SHEET E-001 FOR LEGEND AND GENERAL NOTES
- ALL CONDUITS SHALL BE ROUTED IN THE MOST DIRECT PATH POSSIBLE TO MAINTAIN CABLE LENGTH RESTRICTIONS. REFER TO TABLE FOR MAXIMUM CONDUIT LENGTH.

CABLE AND CONDUIT REQUIREMENTS - ANGIO ROOM						
CONDUIT ITEM #	FROM ITEM #	TO ITEM #	CONDUIT QTY AND SIZE	CABLE	MAX CONDUIT LENGTH	REMARKS
1	COPBA	MP	(1) - 2 1/2"	4 #4/0 & 1 #4/0 GND	N/A	CONDUIT & CABLE PROVIDED BY THE ELECTRICAL CONTRACTOR.
2	MP	P11	(1) - 1 1/2"	3 #2 & #2 GND	N/A	CONDUIT & CABLE PROVIDED BY THE ELECTRICAL CONTRACTOR.
3	MP	P12	(1) - 1 1/2"	3 #2 & #2 GND	N/A	CONDUIT & CABLE PROVIDED BY THE ELECTRICAL CONTRACTOR.
4	MP	UPS	(1) - 3/4"	4 #8 & 1 #8 GND	N/A	CONDUIT & CABLE PROVIDED BY THE ELECTRICAL CONTRACTOR. PROVIDE FLEX CONNECTION AT UPS CABINET.
5	UPS	SC1	(1) - 3/4"	4 #8 & 1 #8 GND	N/A	CONDUIT & CABLE PROVIDED BY THE ELECTRICAL CONTRACTOR. PROVIDE FLEX CONNECTION AT UPS CABINET.
6	UPS	XMR	(1) - 3/4"	4 #8 & 1 #8 GND	N/A	CONDUIT & CABLE PROVIDED BY THE ELECTRICAL CONTRACTOR ONLY IF UPS WIRING HARNESS IS TOO SHORT. PROVIDE FLEX CONNECTION AT BOTH THE UPS AND XMR CABINETS.
7	UPS	EPO	(1) - 3/4"	2 #12 & #12 GND	N/A	CONDUIT & CABLE PROVIDED BY THE ELECTRICAL CONTRACTOR. PROVIDE FLEX CONNECTION AT UPS CABINET.
8	RMP	UPS	(1) - 3/4"	4 #16	500'	CONDUIT & CABLE PROVIDED BY THE ELECTRICAL CONTRACTOR. PROVIDE FLEX CONNECTION AT UPS CABINET.
9	MP	EPO	(1) - 3/4"	2 #12 & #12 GND	N/A	CONDUIT & CABLE PROVIDED BY THE ELECTRICAL CONTRACTOR.
10	EPO	EPO	(1) - 3/4"	4 #12 & #12 GND	N/A	CONDUIT & CABLE PROVIDED BY THE ELECTRICAL CONTRACTOR.
11	SC1	WL	(1) - 3/4"	2 #14 & #14 GND STRANDED	N/A	CONDUIT & CABLE PROVIDED BY THE ELECTRICAL CONTRACTOR.
12	SC1	DS	(1) - 3/4"	3 #12 & #12 GND	N/A	CONDUIT & CABLE PROVIDED BY THE ELECTRICAL CONTRACTOR.
13	OR1	ME1	(1) - 3/4"	3 #12 & #12 GND	N/A	CONDUIT & CABLE PROVIDED BY THE ELECTRICAL CONTRACTOR.
14	ME1	MMV	(1) - 3/4"	3 #12 & #12 GND	N/A	CONDUIT & CABLE PROVIDED BY THE ELECTRICAL CONTRACTOR.
15	MMV	MV	(1) - 3/4"	3 #12 & #12 GND	N/A	CONDUIT & CABLE PROVIDED BY THE ELECTRICAL CONTRACTOR.
16	P1	CD1	(2) - 2 1/2"	BY SIEMENS	98'	CONDUIT PROVIDED BY THE ELECTRICAL CONTRACTOR. CABLES FURNISHED AND INSTALLED BY SIEMENS. PROVIDE PULL STRING.
17	VD1	CU1	(1) - 2"	BY SIEMENS	86'	CONDUIT PROVIDED BY THE ELECTRICAL CONTRACTOR. CABLES FURNISHED AND INSTALLED BY SIEMENS. PROVIDE PULL STRING.
18	P2	CU2	(1) - 2 1/2"	BY SIEMENS	82'	CONDUIT PROVIDED BY THE ELECTRICAL CONTRACTOR. CABLES FURNISHED AND INSTALLED BY SIEMENS. PROVIDE PULL STRING.
19	VD1	CU2	(1) - 2"	BY SIEMENS	86'	CONDUIT PROVIDED BY THE ELECTRICAL CONTRACTOR. CABLES FURNISHED AND INSTALLED BY SIEMENS. PROVIDE PULL STRING.
20	VD2	IC	(1) - 3/4"	BY SIEMENS	NA	CONDUIT PROVIDED BY THE ELECTRICAL CONTRACTOR. CABLES FURNISHED AND INSTALLED BY SIEMENS. PROVIDE PULL STRING.
21	NOT USED					
22	PHYSIO BOX	WALL BOX	(1) - 3"	BY OWNER	N/A	CONDUIT PROVIDED BY THE ELECTRICAL CONTRACTOR BELOW THE FLOOR. CABLE BY OWNER. PROVIDE PULL STRING. PROVIDE 3" GROMMETED OPENING IN BOX ON EXAM ROOM SIDE AT 18" AFF.
23	PHYSIO BOX	WALL BOX	(1) - 1-1/2"	BY OWNER	N/A	CONDUIT PROVIDED BY THE ELECTRICAL CONTRACTOR BELOW THE FLOOR. CABLE BY OWNER. PROVIDE PULL STRING. PROVIDE 1-1/2" GROMMETED OPENING IN BOX ON EXAM ROOM SIDE AT 18" AFF.
24	WALL BOX	TEL/DATA ROOM	(1) - 3/4"	BY OWNER	N/A	CONDUIT PROVIDED BY THE ELECTRICAL CONTRACTOR. CABLE BY OWNER. PROVIDE PULL STRING.
25	WALL BOX	ABOVE ACCESSIBLE CEILING	(1) - 2"	BY OWNER	N/A	CONDUIT PROVIDED BY THE ELECTRICAL CONTRACTOR. CABLE BY OWNER. PROVIDE PULL STRING. PROVIDE 2" GROMMETED OPENING IN BOX ON EXAM ROOM SIDE AT 18" AFF.

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Bramhall Radiology  
 ANGIO BI-PLANE RENOVATIONS  
 PORTLAND, ME

ISSUED FOR CONSTRUCTION  
 06.14.11

GRAPHIC SCALE:  
 0" 1"

SCALE: As indicated  
 PROJECT MANAGER: DIV  
 X/DRAWN BY: CIS  
 A/E OF RECORD: JPP  
 PROJECT NO.: 11011  
 DATE:  
 SHEET TITLE:  
 ANGIO ELECTRICAL CONDUIT & CABLE PLAN-BASEMENT FLOOR  
 SHEET No.: EP402