



Item	Electrical Layout Item List
1	Power Distribution Box (PDB)
2	10" x 3 1/2" [250 x 89] riser duct, to bottom of PDB with minimum 2 dividers (Power Distribution Box)
3	10" x 3 1/2" [250 x 89] riser duct, to 1/2" [13] a.f.f. with minimum 2 dividers (Table)
4	10" x 3 1/2" [250 x 89] riser duct with minimum 2 dividers (Digital Systems Cabinet)
5	10" x 3 1/2" [250 x 89] riser duct with minimum 2 dividers (Generator Cabinet)
6	6" x 3 1/2" [150 x 89] riser duct, to 1/2" [13] a.f.f. with minimum 2 dividers (Wall Stand)
7	10" x 3 1/2" [250 x 100] riser duct, to 1/2" [13] a.f.f. with minimum 2 dividers (Operator's Console)
8	Box below floor - size per local code (PDB)
9	Box below floor - size per local code (Digital Cabinet, UPS, Intercom Loudspeaker, Monitor))
10	Box below floor - size per local code (Table)
11	Box below floor - size per local code (Generator Cabinet & OTS)
12	Box below floor - size per local code (Wall Stand)
13	Box below floor - size per local code (Operator's Console & Intercom Console)
14	1" [25] Conduit below floor
15	2 1/2" [64] Conduit below floor
16	3 1/2" [89] Conduit below floor
17	2" [51] Conduit below floor
18	4"x4"x4" [100 x 100 x 100] flush ceiling box (Intercom microphone)
19	Grommated opening (Intercom loudspeaker)
20	Grommated opening (Digital Systems Cabinet)
21	Grommated opening (Generator Cabinet)
22	Grommated opening (Table)
23	Grommated opening (Console)
24	Grommated opening (Wall Stand)
25	Grommated opening (OTS)
26	Grommated opening (On PDB vertical duct)
27	Grommated opening (Monitor)
28	Grommated opening (Intercom Console)
29	Electrical contractor to plan for cable runs and connections (Transformer)

Cable Length Note:
 Routing of cable ductwork, conduits, etc., **must run direct as possible** otherwise may result in the need for greater than standard cable lengths (refer to the interconnection diagram for maximum usable lengths point to point).

Additional Conduit Runs (Contractor Supplied and Installed)				
From (Bubble # / Item)	To (Bubble # / Item)	Qty	Size	
			In.	mm
3 phase power	1 Power Distribution Box	1	As req'd	As req'd
29 Transformer	Emergency off	1	1/2	16
1 Power Distribution Box	OTS On/off switch	1	1/2	16
1 Generator	29 Transformer	1	As req'd	As req'd
11 Generator	Warning light control	1	1/2	16
13 Intercom Console		1	As req'd	As req'd
	Door Switch	1	1/2	16
	9 Intercom Loudspeaker	1	1	25
	18 Intercom Microphone	1	1	25

ITEM	QTY	Electrical Outlet Legend
		Customer/contractor supplied and installed items unless otherwise specified. Height above floor determined by local codes unless otherwise specified.
		System emergency off (SEO), (recommended height 1.2m [48"] above floor)
		X-Ray room warning light control panel
		X-Ray ON lamp (L1) - 24V
		Door interlock switch (needed only if required by state/local codes)
		Duplex hospital grade, dedicated wall outlet 120-v, single phase power
		Network outlet
		OTS on/off switch, (recommended height 1.2m [48"] above floor)