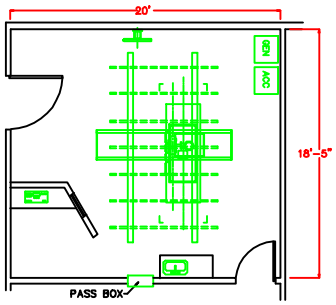
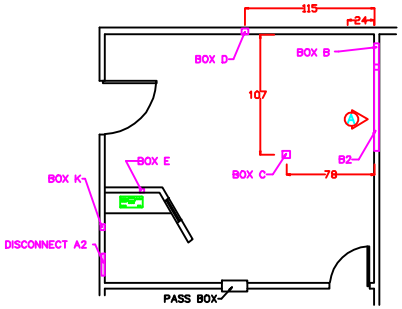
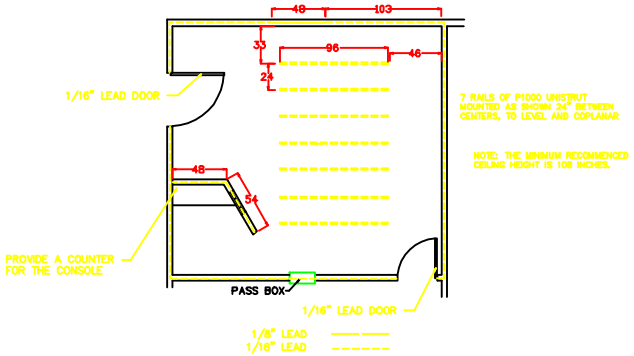
ROOM LAYOUT



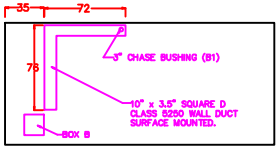
UTILITY PLAN



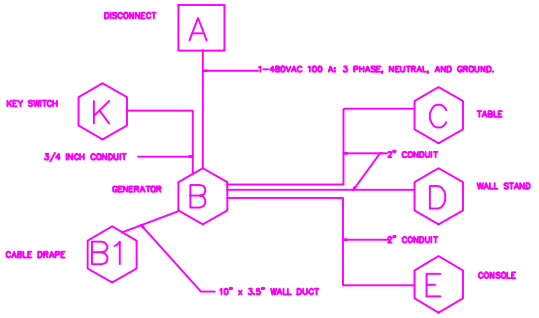
BARRIER PLAN
MECHANICAL PLAN



DETAIL A



SCHEMATIC



NOTE: CONDUIT SIZES ARE SPECIFIED FOR CABLE RUNS DURING INSTALLATION OF THE X-RAY ROOM.

SPECIFICATIONS:

PANEL A	A 480 VAC 3 PHASE SERVICE DISCONNECT. MOUNTED AS SHOWN, CENTER 5' ABOVE THE FINISHED FLOOR. DISCONNECT TO PROVIDE A 100 AMP 5 WIRE CIRCUIT TO BOX B.
BOX B	A 18" x 18" x 6" JUNCTION BOX LOCATED AS SHOWN, 18" ABOVE THE FINISHED FLOOR. OVERSIZE COVER TO CONTAIN 2 3" CHASE BUSHINGS.
B2	SQUARE D CLASS 5250 (OR EQUIVALENT) WALL DUCT FROM BOX B UP. TO AND ALONG THE CEILING, COVER TO CONTAIN 1 3" CHASE BUSHING.
BOX C	A 6" x 6" x 6" JUNCTION BOX LOCATED AS SHOWN, FLUSH WITH THE FINISHED FLOOR.
BOX D	A 4" x 4" x 4" JUNCTION BOX LOCATED AS SHOWN,18" ABOVE THE FINISHED FLOOR.
BOX E	A 4" x 4" x 4" JUNCTION BOX LOCATED AS SHOWN, 18" ABOVE THE FINISHED FLOOR. OVERSIZE COVER TO CONTAIN 1 – 2" PINCH STYLE CONNECTOR.
BOX K	A 4" x 4" x 4" JUNCTION BOX LOCATED AS SHOWN, 5' ABOVE THE FINISHED FLOOR.

NOTES:

1) ALL WIRE MUST BE COPPER STRANDED.
2) ALL MATERIAL SPECIFIED TO BE SUPPLIED BY OTHERS.
3) PROVIDE DUPLEX RECEPTACLES AS SHOWN ON THE UTILITY PLAN.

LEAD BARRIER:

LEAD TO BE INSTALLED IN THE AREAS SHOWN ON THE BARRIER PLAN TO A HEIGHT OF 7 FEET FROM THE FLOOR. ALL JOINTS MUST BE OVERLAPPED AND ALL PENETRATIONS INCLUDING FASTENERS MUST BE BACKED OR CAPPED BY LEAD OF THE SAME THICKNESS SPECIFIED ON THE BARRIER PLAN. LEAD MUST OVERLAP ALL DOOR AND WINDOW FRAMES.

GRAND X RAY
ROOM 1
DEL 80KW TOMO ROOM

DATE: 5 – 12 – 10
SCALE: 1/4" = 1' 0"
DRAWN BY: R. UNDERHILL EE
SHEET 1 OF 1
APPROVED BY:

GRAND X-RAY
823 OTTAWA N.W.
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