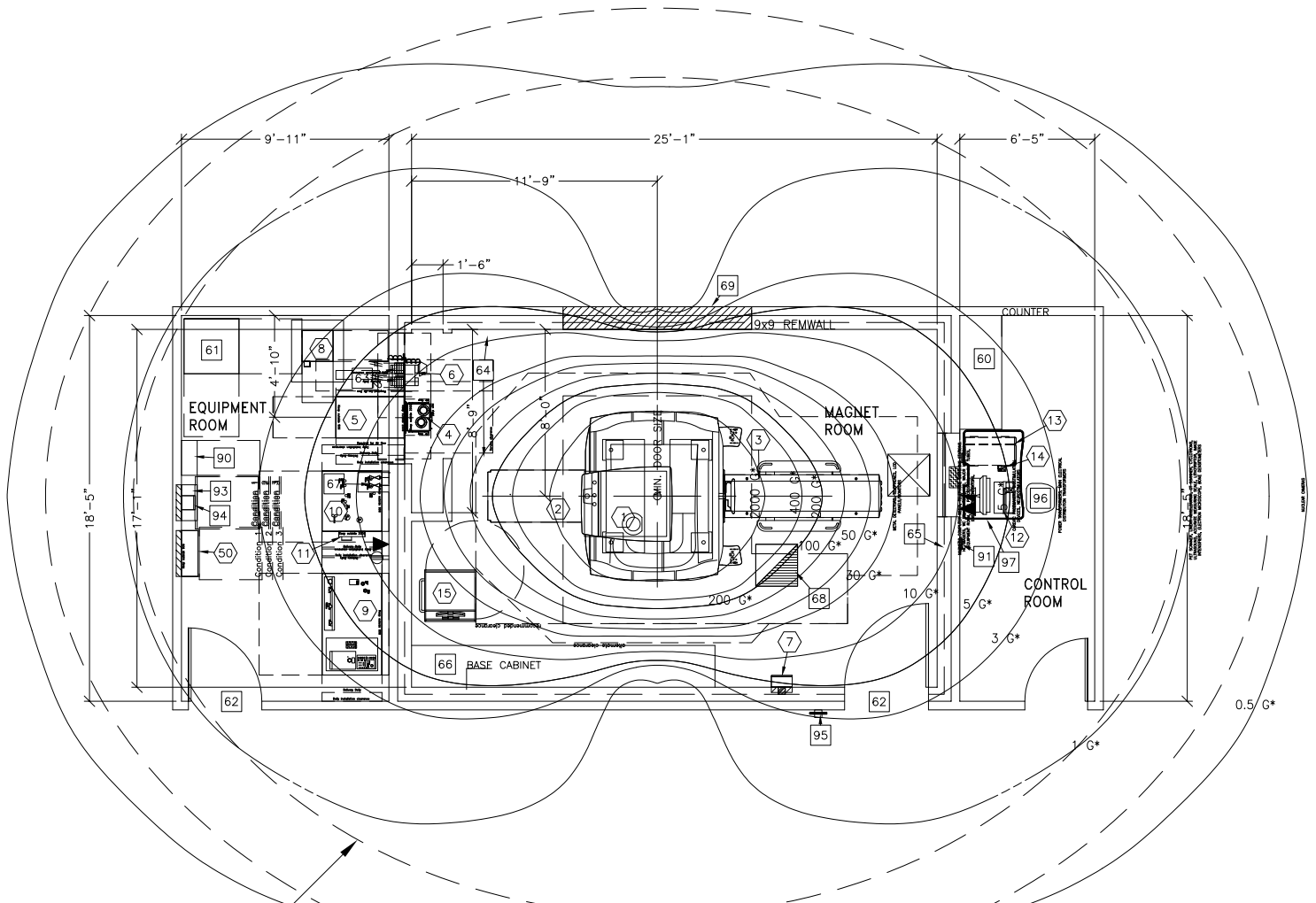




Discovery MR750w 3.0T



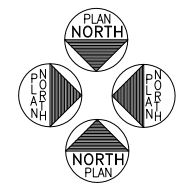
MOVING METAL SENSITIVITY LINE FOR CARS, MINIVANS, PICKUP TRUCKS, AND AMBULANCES.

NOTE: FERRROUS OBJECTS MUST NOT MOVE INTO OR INSIDE OF THE MOVING METAL SENSITIVITY LINE DURING SCANS.

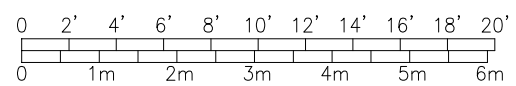
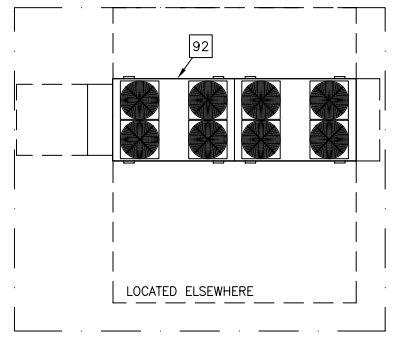
MOVING METAL SENSITIVITY LINE FOR BUSES AND TRUCKS (DUMP, TRACTOR TRAILER, UTILITY, FIRE TRUCKS)

THE MEASURED MAGNETIC FLUX DENSITY WILL VARY FROM THE CONTOUR PLOTS DUE TO FACTORS SUCH AS CONCENTRATING EFFECTS OF NEARBY FERRROUS OBJECTS AND AMBIENT FIELDS, INCLUDING THE EARTH'S MAGNETIC FIELD.

POTENTIAL EXISTS UNDER FAULT CONDITIONS THAT THE 5 GAUSS LINE MAY EXPAND TO 19.68 FT. (6.0m) RADIALY AND 24.61 FT (7.5m) AXIALLY FOR 15 SECONDS OR LESS.



NOTE: THIS IS A SUGGESTED LAYOUT BASED OFF OF GE HEALTHCARE PRE-INSTALL MANUAL. PLEASE CONTACT LOCAL PROJECT MANAGER OF INSTALLATION IF YOUR ROOM LAYOUT OR DIMENSIONS ARE DIFFERENT THAN THE LAYOUT SHOWN.



ROOM DIMENSIONS	LENGTH & WIDTH	CEILING HEIGHT
MIN. MAGNET RM:	21'-0" X 14'-0" [6.40m X 4.27m]	8'-9" [2.67m]
MIN. EQUIP. RM:	14'-6" X 8'-3" [4.42m X 2.51m]	9'-6" [2.90m]

SEE APPENDIX "A" FOR POWER SPECIFICATIONS


ROOM PLAN LOCATED ON PAGE 8-246

ITEM ⬡	QUANTITY	ITEM DESCRIPTION	WEIGHT	HEAT OUTPUT
①	1	3.0 TESLA ACTIVE SHIELD MAGNET	17312 lbs	8191 btu
②	1	REAR PEDESTAL	213 lbs	
③	1	PATIENT TRANSPORT TABLE (DOES NOT INCLUDE PATIENT)	462 lbs	
④	1	BLOWER BOX		1535 btu
⑤	1	PEN PANEL CABINET (EXAM ROOM SIDE)	639 lbs	10699 btu 1023 btu
⑥	1	RF PENETRATION PANEL	92 lbs	
⑦	1	MAGNET RUNDOWN UNIT	8 lbs	
⑧	1	SHIELD COOLER CABINET	264 lbs	1706 btu
⑨	1	POWER, GRADIENT, RF CABINET	3143 lbs	20945 btu
⑩	1	HEAT EXCHANGER CABINET	1349 lbs	3412 btu
⑪	1	MAGNET MONITOR	11 lbs	819 btu
⑫	1	OPERATOR WORKSPACE W/COLOR LCD MONITOR		4948 btu
⑬	1	OPERATOR WORKSPACE CABINET	141 lbs	
⑭	1	PATIENT ALERT CONTROL BOX		
⑮	1	SPT PHANTOM CABINET	350 lbs	
⑵	1	MAIN DISCONNECT PANEL	130 lbs	901 btu

ENVIRONMENT

Ambient Operation Temperature: 59-69.8° F [15-21° C] - Magnet Room
 Allowable Temperature Change: 5° F [3° C] per hour
 Humidity: 30-60 percent non-condensing
 Allowable Humidity Change: 5 percent per hour
 Max - Altitude:

ROOM PLAN LOCATED ON PAGE 8-246

ITEM	QUANTITY			
		ITEM DESCRIPTION	WEIGHT	HEAT OUTPUT
		<p>***** CUSTOMER/CONTRACTOR SUPPLIED AND INSTALLED ITEMS *****</p>		
60		COUNTERTOP WITH DRAWERS FOR MISCELLANEOUS ITEMS.		
61		AIR CONDITIONING. <VIBRATION ISOLATION IS RECOMMENDED AT SUPPORTS OF EACH UNIT TO BE INSTALLED.>		
62		MINIMUM DOOR OPENING FOR EQUIPMENT DELIVERY IS 43 IN. W x 82 IN. H [1092mm x 2083mm], CONTINGENT ON A 96 IN. [2438mm] CORRIDOR WIDTH		
63		RF FILTERS - LOCATE WITHIN 40 in. [1016 mm] OF THE RF COMMON GROUND STUD		
64		LOUVERED DOORS - OPENING WILL NEED TO BE 6 FT. TOTAL		
65		RF SCREEN, INCLUSIVE OF WALLS, FLOOR, DOOR, ETC. GROUND IMPEDANCE GREATER THAN 1000 OHMS. ATTENUATION 100dB AT 145MHZ +/- 10MHZ PLANEWAVE.		
66		BASE CABINET FOR STORAGE OF: SURFACE COILS, PATIENT POSITIONING PADS, PHANTOMS, ETC.		
67		PIPING FOR COOLING SYSTEM		
68		MAGNET ROOM EXHAUST FAN		
69		MINIMUM 9 FT. -0 IN. x 9 FT. -0 IN [2743 mm] x [2743 mm] REMOVABLE WALL SECTION FOR MAGNET DELIVERY/REMOVAL.		
90		MANUAL CRYOGEN COMPRESSOR WATER BYPASS PANEL CAT NO. E8911CG		
91		REMOTE GRAPHIC DISPLAY		
92		DIMPLEX 7500 CHILLER <CAT. NO. E8911CA/CB/CC/CD> 4301 lbs. <1951 kg> 240002 BTU/HR <70320 W>		
93		DC LIGHTING CONTROL PANEL 155 lbs <70 kg> 1024 BTU/HR. <300W> <CAT. NO. E4502SC/SE - BASIC SYSTEM>		
94		DC LIGHTING AUTO TRANSFORMER 60 lbs [27 kg] 171 btu/hr <50W> <PART OF VARIABLE DIMMER SYSTEM> <CAT. NO. E4502SD/SF INCLUDES BASIC SYSTEM>		
95		METAL DETECTOR <HAND HELD>		
96		OPERATOR'S CHAIR CAT. NO. E8803BE		
97		WORKSTATION TABLE CAT. NO. M1000MW		