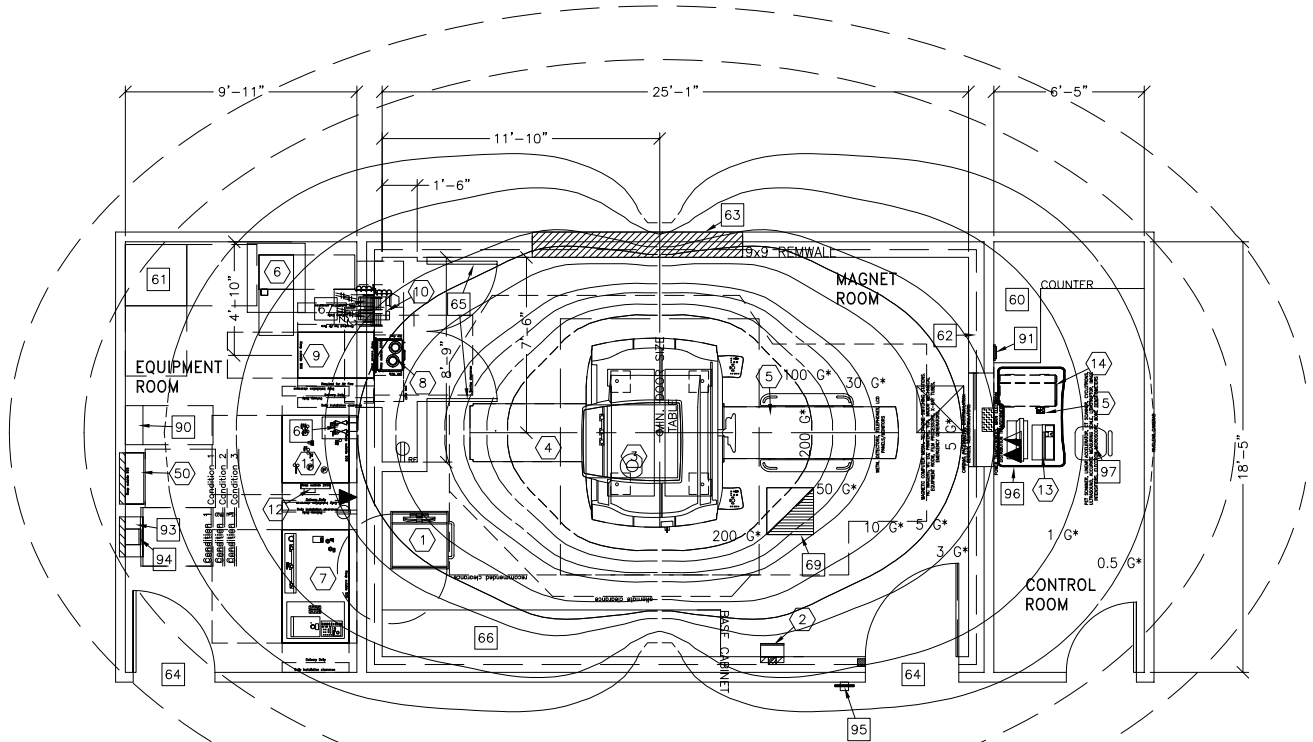




Optima MR450W



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

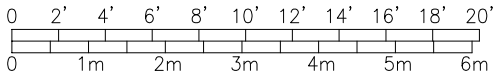
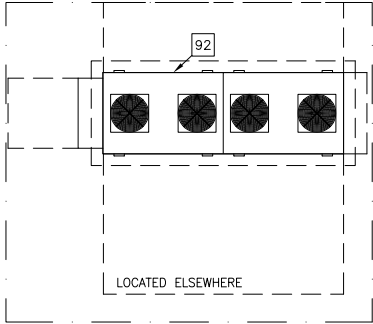
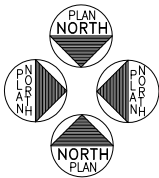
NOTE: FERRROUS OBJECTS MUST NOT MOVE INTO OR INSIDE OF THE MOVING METAL SENSITIVITY LINE DURING SCANS.

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 RADIALLY TO 9.35 FT. (2.85 M) AND AXIALLY TO 14.27 FT. (4.35 M) FOR 2 SECONDS OR LESS. IT SHOULD BE NOTED THAT NORMAL RAMPDOWNS OR MRU (MAGNET RAMPDOWN UNIT) INITIATED QUENCHES WILL NOT CAUSE THE MAGNETIC FIELD TO EXPAND.

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 8-229

ITEM	QUANTITY	ITEM DESCRIPTION	WEIGHT	HEAT OUTPUT
①	1	SPT PHANTOM CABINET	350 lbs	
②	1	MAGNET RUNDOWN UNIT	8 lbs	
③	1	1.5 TESLA ACTIVE SHIELD MAGNET	11975 lbs	8191 btu
④	1	REAR PEDESTAL	213 lbs	
⑤	1	PATIENT TRANSPORT TABLE <DOES NOT INCLUDE PATIENT>	462 lbs	
⑥	1	SHIELD COOLER CABINET	264 lbs	1706 btu
⑦	1	POWER, GRADIENT, RF CABINET	3143 lbs	20945 btu
⑧	1	BLOWER BOX		1535 btu
⑨	1	PEN PANEL CABINET <EXAM ROOM SIDE>	639 lbs	10699 btu 1023 btu
⑩	1	RF PENETRATION PANEL	92 lbs	
⑪	1	HEAT EXCHANGER CABINET	1349 lbs	3412 btu
⑫	1	MAGNET MONITOR	11 lbs	819 btu
⑬	1	OPERATOR WORKSPACE W/COLOR LCD MONITOR		4948 btu
⑭	1	OPERATOR WORKSPACE CABINET	141 lbs	
⑮	1	PATIENT ALERT CONTROL BOX		
⑵⑩	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 8-229

ITEM ◻	QUANTITY	ITEM DESCRIPTION	WEIGHT	HEAT OUTPUT
		***** CUSTOMER/CONTRACTOR SUPPLIED AND INSTALLED ITEMS *****		
60		COUNTERTOP WITH DRAWERS FOR MISCELLANEOUS ITEMS.		
61		AIR CONDITIONING. < VIBRATION ISOLATION IS RECOMMENDED AT SUPPORTS OF EACH UNIT TO BE INSTALLED. >		
62		RF SCREEN, INCLUSIVE OF WALLS, FLOOR, DOOR, ETC. GROUND IMPEDANCE GREATER THAN 1000 OHMS. ATTENUATION 100dB AT 100MHZ +/- 10MHZ PLANEWAVE. < RECOMMENDED 100dB AT 145MHZ +/- 10MHZ PLANEWAVE. >		
63		MINIMUM 9 FT. -0 IN. x 9 FT. -0 IN [2743 mm] x [2743 mm] REMOVABLE WALL SECTION FOR MAGNET DELIVERY/REMOVAL.		
64		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		
65		LOUVERED DOORS - OPENING WILL NEED TO BE 6 FT. TOTAL		
66		BASE CABINET FOR STORAGE OF: SURFACE COILS, PATIENT POSITIONING PADS, PHANTOMS, ETC.		
67		RF FILTERS - LOCATE WITHIN 40 in. [1016 mm] OF THE RF COMMON GROUND STUD		
68		PIPING FOR COOLING SYSTEM		
69		MAGNET ROOM EXHAUST FAN		
90		MANUAL CRYOGEN COMPRESSOR WATER BYPASS PANEL CAT NO. E8911CG		
91		REMOTE GRAPHIC DISPLAY		
92		DIMPLEX 5000 CHILLER < CAT. NO. E8912CA/CB/CC/CD > 4001 lbs. < 1851 kg > 167300 BTU/HR < 49019 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		WORKSTATION TABLE CAT. NO. M1000MW		
97		OPERATOR'S CHAIR CAT. NO. E8803BE		