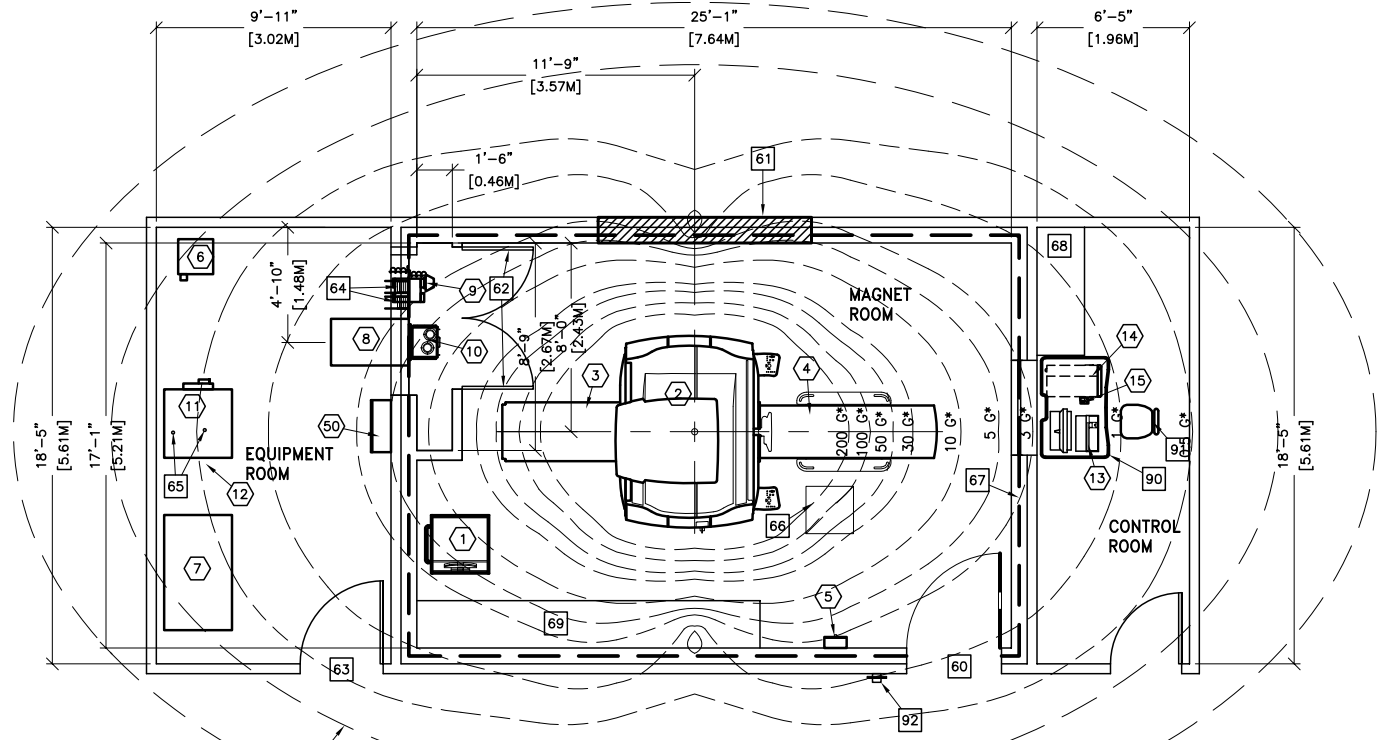




Signa Artist / OPTIMA MR450W



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

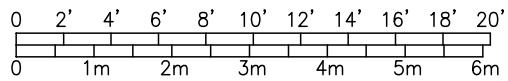
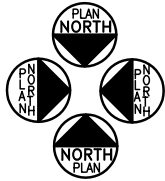
NOTE: FERRROUS OBJECTS MUST NOT MOVE INTO OR INSIDE OF THE MOVING METAL SENSITIVITY LINE DURING SCANS.

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 BY 10 PERCENT DUE TO 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 SCANNING OR MRI (MAGNET RUN/DOWN 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]

ROOM PLAN LOCATED ON PAGE 8-229

ITEM	QUANTITY			
ITEM		ITEM DESCRIPTION	WEIGHT	HEAT OUTPUT
①	1	SPT PHANTOM CABINET	350 lbs	
②	1	1.5 TESLA ACTIVE SHIELD MAGNET	11684 lbs	8191 btu
③	1	REAR PEDESTAL	213 lbs	
④	1	PATIENT TRANSPORT TABLE <DOES NOT INCLUDE PATIENT>	462 lbs	
⑤	1	MAGNET RUNDOWN UNIT	8 lbs	
⑥	1	SHIELD COOLER CABINET	264 lbs	1706 btu
⑦	1	POWER, GRADIENT, RF CABINET	3143 lbs	20945 btu
⑧	1	PEN PANEL CABINET <EXAM ROOM SIDE>	639 lbs	10699 btu 1023 btu
⑨	1	RF PENETRATION PANEL	92 lbs	
⑩	1	BLOWER BOX		1535 btu
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	26 lbs	4948 btu
⑭	1	OPERATOR WORKSPACE CABINET	141 lbs	
⑮	1	PATIENT ALERT CONTROL BOX		
⑤①	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
<p>*****  <b>CUSTOMER/CONTRACTOR SUPPLIED AND INSTALLED ITEMS</b>                      *****</p>				
60		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		
61		MINIMUM 9 FT. -0 IN. x 9 FT. -0 IN [2743 mm] x [2743 mm] REMOVABLE WALL SECTION FOR MAGNET DELIVERY/REMOVAL.		
62		LOUVERED DOORS - OPENING WILL NEED TO BE 6 FT. TOTAL		
63		MINIMUM DOOR OPENING FOR EQUIPMENT DELIVERY IS 40 IN. W x 82 IN. H [1016mm x 2083mm], CONTINGENT ON A 72 IN. [1828mm] CORRIDOR WIDTH		
64		RF FILTERS - LOCATE WITHIN 40 in. [1016 mm] OF THE RF COMMON GROUND STUD		
65		PIPING FOR COOLING SYSTEM		
66		MAGNET ROOM EXHAUST FAN		
67		RF SCREEN, INCLUSIVE OF WALLS, FLOOR, DOOR, ETC. GROUND IMPEDANCE GREATER THAN 1000 OHMS. ATTENUATION 100dB AT 145MHZ +/- 10MHZ PLANEWAVE.		
68		COUNTERTOP WITH DRAWERS FOR MISCELLANEOUS ITEMS.		
69		BASE CABINET FOR STORAGE OF: SURFACE COILS, PATIENT POSITIONING PADS, PHANTOMS, ETC.		
90		WORKSTATION TABLE CAT. NO. M1000MW		
91		OPERATOR'S CHAIR CAT. NO. E8803BE		
92		METAL DETECTOR <HAND HELD>		