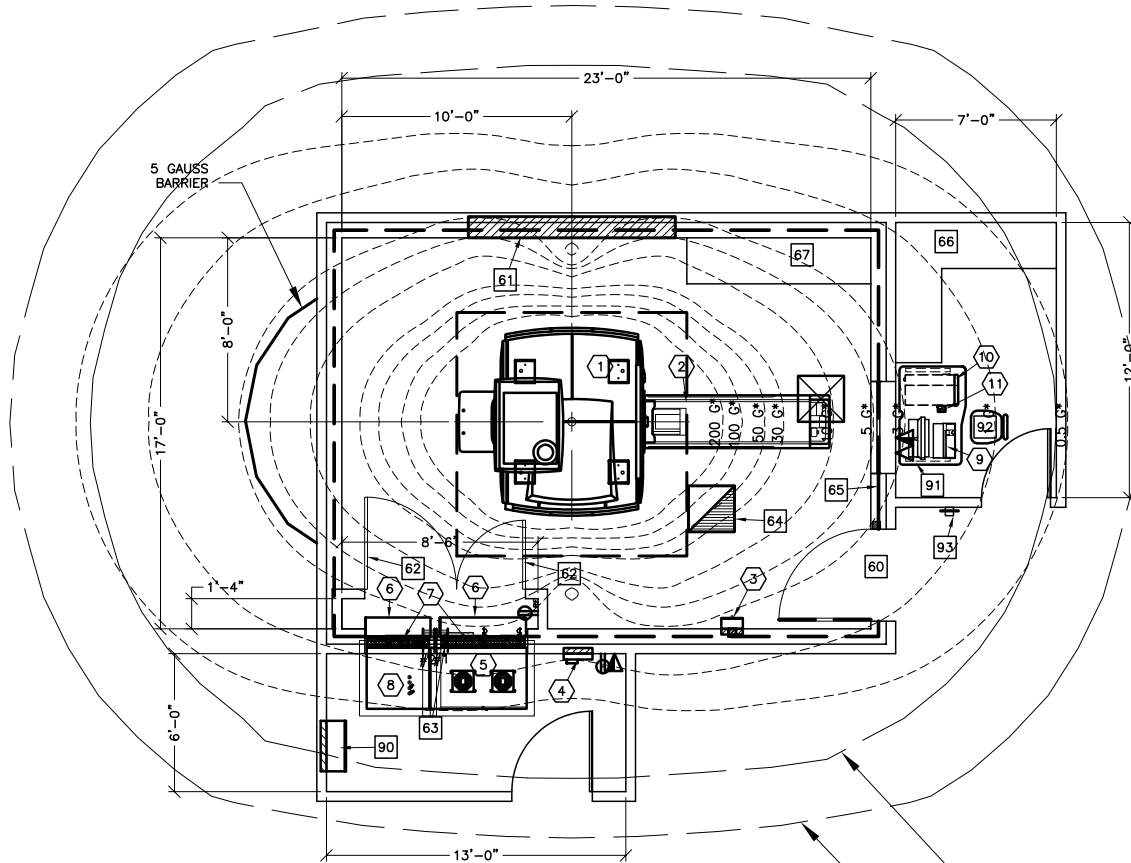




# Signa Voyager



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

POTENTIAL EXISTS UNDER FAULT CONDITIONS THAT THE 5 GAUSS LINE MAY EXPAND TO 16.4 FT. (5.0m) RADIALLY AND 22.96 FT (7.0m) AXIALLY FOR 2 SECONDS OR LESS.

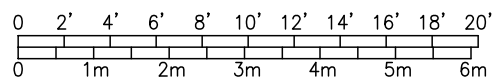
MOVING METAL SENSITIVITY LINE FOR CARS, MINIVANS, PICKUP TRUCKS, AND AMBULANCES.

NOTE: FERROUS 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)



| ROOM DIMENSIONS | LENGTH & WIDTH                  | CEILING HEIGHT |
|-----------------|---------------------------------|----------------|
| MIN. MAGNET RM: | 20'-0" X 12'-0" [5.80m X 3.68m] | 8'-9" [2.67m]  |
| MIN. EQUIP. RM: | 9'-0" X 6'-0" [2.74m X 1.8m]    | 9'-6" [2.90m]  |




ROOM PLAN LOCATED ON PAGE 8-269

| ITEM | QUANTITY | ITEM DESCRIPTION                       | WEIGHT               | HEAT OUTPUT         |
|------|----------|--|----------------------|---------------------|
| ①    | 1        | 1.5 TESLA LCC RD ACTIVE SHIELD MAGNET  | 11728 lbs<br>5320 kg | 8191 btu<br>2400 W  |
| ②    | 1        | PATIENT TABLE - FIXED                  | 573 lbs<br>260 kg    |                     |
| ③    | 1        | MAGNET RUNDOWN UNIT                    | 8 lbs<br>4 kg        |                     |
| ④    | 1        | MAGNET MONITOR                         | 11 lbs<br>5 kg       | 819 btu<br>240 W    |
| ⑤    | 1        | INTEGRATED SYSTEMS CABINET             | 2757 lbs<br>1251 kg  | 24232 btu<br>7100 W |
| ⑥    | 2        | PENETRATION PANEL COVERS               |                      |                     |
| ⑦    | 2        | MESH SHIELD                            |                      |                     |
| ⑧    | 1        | INTEGRATED COOLING CABINET             | 1033 lbs<br>469 kg   | 3412 btu<br>1000 W  |
| ⑨    | 1        | OPERATOR WORKSPACE W/COLOR LCD MONITOR | 26 lbs<br>12 kg      | 4948 btu<br>1450 W  |
| ⑩    | 1        | OPERATOR WORKSPACE CABINET             | 141 lbs<br>64 kg     |                     |
| ⑪    | 1        | PATIENT ALERT CONTROL BOX              |                      |                     |

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 8-269

| ITEM  | QUANTITY |  |        |             |
|---|----------|--|--------|-------------|
|  |          | ITEM DESCRIPTION   | WEIGHT | HEAT OUTPUT |
|   |          | <p>*****<br/> <b>CUSTOMER/CONTRACTOR SUPPLIED AND INSTALLED ITEMS</b><br/>                     *****</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] CORRIDDOR 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 - REFER TO PREINSTALL FOR REQUIREMENTS  |        |             |
| 63  |          | RF FILTERS - LOCATE WITHIN 40 in. [1016 mm] OF THE RF COMMON GROUND STUD   |        |             |
| 64  |          | MAGNET ROOM EXHAUST FAN  |        |             |
| 65  |          | RF SCREEN, INCLUSIVE OF WALLS, FLOOR, DOOR, ETC. GROUND IMPEDANCE GREATER THAN 1000 OHMS. ATTENUATION 100dB AT 127MHZ +/- 25MHZ PLANEWAVE. |        |             |
| 66  |          | COUNTERTOP WITH DRAWERS FOR MISCELLANEOUS ITEMS.   |        |             |
| 67  |          | BASE CABINET FOR STORAGE OF: SURFACE COILS, PATIENT POSITIONING PADS, PHANTOMS, ETC.   |        |             |
| 90  |          | MAIN DISCONNECT PANEL  |        |             |
| 91  |          | WORKSTATION TABLE CAT. NO. M1000MW   |        |             |
| 92  |          | OPERATOR'S CHAIR CAT. NO. E8803BE  |        |             |
| 92  |          | METAL DETECTOR <HAND HELD>   |        |             |