

The purpose of this document is to help you plan space for the E-SCAN XQ Open Dedicated MRI system. The layout on the other side of this document depicts the system in a GE Lunar provided RF Pavilion. A standard RF room is also available through GE Lunar. The following information is general in nature. Contact the GE LUNAR MRI Installation Manager at 800-365-8627 ext. 7230 for a custom site layout and a complete E-SCAN XQ Site Planning Guide.

Space Requirements:	One Room: 14' x 15' minimum
Weight:	Magnet: 4,519 lbs Console: 331 lbs
Fringe Field:	5 gauss: max. 5' from magnet isocenter 1 gauss: max. 7'-7" from magnet isocenter
Power:	110VAC, 60 Hz, 20 amp service 0.8 amp stand-by power consumption 3-wire grounded outlet within 6' of operator console 24 hour service required
Environmental:	Room temperature: 68°F – 79°F, 5°F/hour change max. Humidity: 15% - 50% Heat output: 1190 BTU/hr – Operator Console 1190 BTU/hr – E-SCAN Magnet
Modem Line:	One dedicated telephone line required for remote service
RF Shielding:	GE Lunar will install the RF Pavilion if selected.
Delivery:	Delivery path must be clear of obstructions 3'-0" minimum door width Path should be certified by a licensed structural engineer Any rigging required is the responsibility of the customer



E-SCAN XQ in RF Pavilion with operator console

KEY

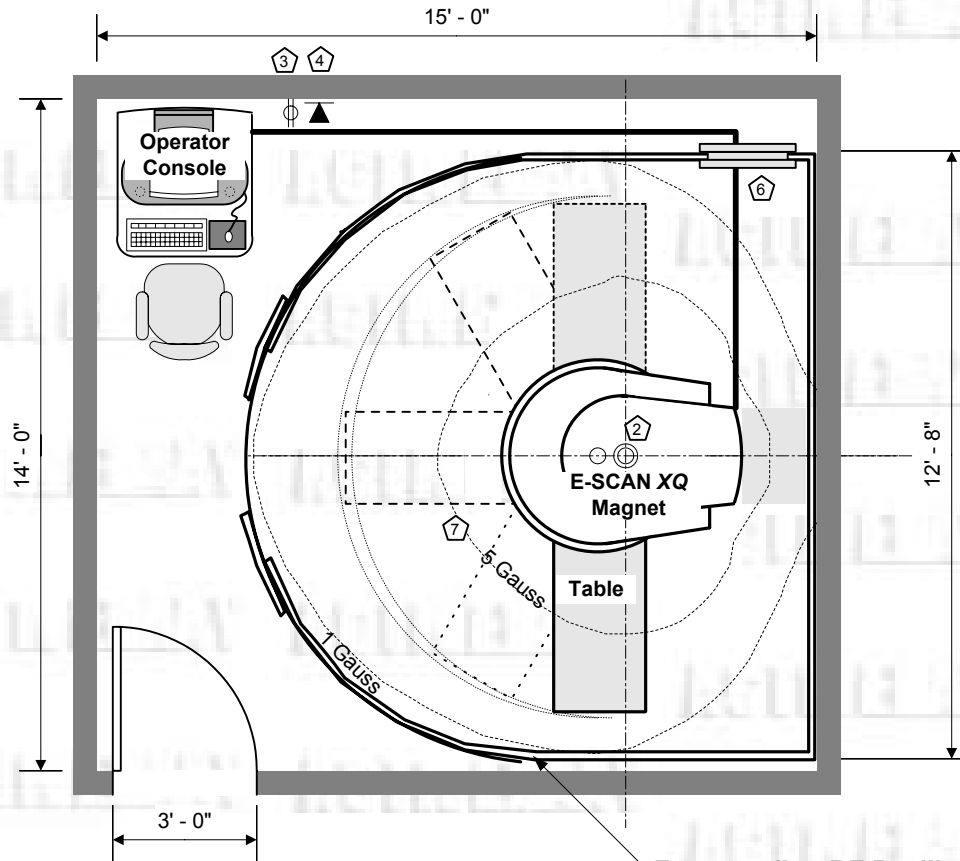
② **MAGNET ISOCENTER**

③ **TELEPHONE LINE
REQUIRED FOR
SERVICE MODEM**

④ **DEDICATED 110VAC,
20AMP GROUNDED
OUTLET REQUIRED**

⑥ **GE LUNAR SUPPLIED
RF PENETRATION
PANEL**
*See Pg. 14 Fig.2-4 in
the Site Planning Guide
for actual dimensions*

⑦ **5 GAUSS LINE:
EXCLUSION ZONE
FOR PERSONS WITH
PACEMAKERS OR
OTHER BIOMEDICAL
IMPLANTS.**



**Freestanding RF Pavilion - supplied
and installed by GE Lunar**

Typical E-SCAN XQ Layout - Sample Pavilion Layout

GE LUNAR CORP
726 Heartland Trail
MADISON, WI 53717
Phone: (608) 828-2663
Fax: (608) 826-7105



Key

- Window
- Existing wall
- New wall
- RF screened wall

Sample

NS
00/00/00
1/4" = 1' - 0"

*Please Sign and Date For
Your Approval:*

Initials: _____

Date: _____



Site Planning Information

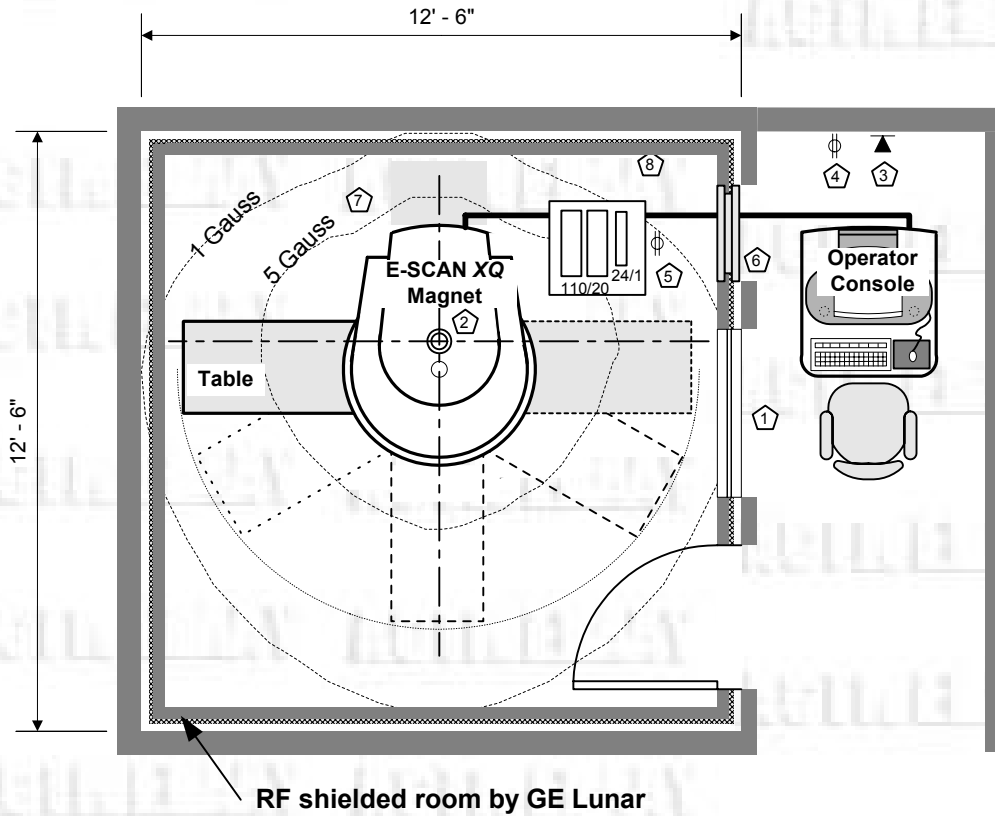
Standard RF Room

The purpose of this document is to help you plan space for the E-SCAN XQ Dedicated MRI system. The layout on the other side of this document depicts the system in a standard RF shielded room. A freestanding RF Pavilion is also available through GE Lunar. The following information is general in nature. Contact the GE LUNAR MRI Installation Manager at 800-365-8627 ext. 7230 for a custom site layout and a complete E-SCAN XQ Site Planning Guide.

Space Requirements:	Two Rooms Scan Room: 12'-6" x 12'-6" Control Room: 6' x 12'-6" recommended
Weight:	Magnet: 4,519 lbs Console: 331 lbs
Fringe Field:	5 gauss: max. 5' from magnet isocenter 1 gauss: max. 7'-7" from magnet isocenter
Power:	110VAC, 60 Hz, 20 amp service 0.8 amp stand-by power consumption 3-wire grounded outlet within 6' of operator console 24 hour service required
Environmental:	Room temperature: 68°F – 79°F, 5°F/hour change max. Humidity: 15% - 50% Heat output: 1190 BTU/hr – Operator Console 1190 BTU/hr – E-SCAN Magnet
Modem Line:	One dedicated telephone line required for remote service
RF Shielding:	RF Shielding required in scan room RF penetration panels for E-SCAN equipment provided Contact the GE LUNAR Sales Dept. for recommended manufacturers
Delivery:	Delivery path must be clear of obstructions 3'-0" minimum door width Path should be certified by a licensed structural engineer Any rigging required is the responsibility of the customer

KEY

- ① OBSERVATION WINDOW
- ② MAGNET ISOCENTER
- ③ TELEPHONE LINE
REQUIRED FOR
SERVICE MODEM
SUPPLIED BY
CUSTOMER
- ④ DEDICATED 110VAC,
20AMP GROUNDED
OUTLET REQUIRED
SUPPLIED BY
CUSTOMERS
CONTRACTOR
- ⑤ DEDICATED 110VAC,
20AMP GROUNDED
OUTLET HARD WIRED
TO RF ROOM
POWERLINE FILTER
SUPPLIED BY
CUSTOMERS
CONTRACTOR
- ⑥ GE LUNAR SUPPLIED
RF PENETRATION
PANEL
See Pg. 14 Fig.2-4 in
the Site Planning Guide
for actual dimensions
- ⑦ 5 GAUSS LINE:
EXCLUSION ZONE FOR
PERSONS WITH
PACEMAKERS OR
OTHER BIOMEDICAL
IMPLANTS.
- ⑧ FINISHED INTERIOR &
EXTERIOR WALLS
SUPPLIED BY
CUSTOMERS
CONTRACTOR



Typical E-SCAN XQ Layout - Standard RF Room

GE LUNAR CORP
726 Heartland Trail
MADISON, WI 53717
Phone: (608) 828-2663
Fax: (608) 826-7105



Key

- Window
- Existing wall
- New wall
- RF screened wall

city, state

NS
00/00/00
1/4" = 1' - 0"

*Please Sign and Date For
Your Approval:*

Initials: _____

Date: _____