

GE EQUIPMENT LISTING

EQUIPMENT ON ORDER FROM GE HEALTHCARE, INSTALLED BY GE HEALTHCARE, PER GON 4108424 DATED 27.Jun.13

NOTE: LOCAL CONDITIONS MAY DICTATE THAT ITEMS IDENTIFIED IN THIS CATEGORY BE INSTALLED BY OTHERS.

ITEM NO.	QUANTITY ORDERED	REFER TO SHEET "D"	ITEM DESCRIPTION (* = EXISTING/REINSTALL)	WEIGHT	HEAT OUTPUT (PER HOUR)	DETAIL NO.	STRUC PLAN	ELEC PLAN
1	1		MR MUSIC SYSTEM INCLUDING SPEAKERS, REMOTE CONTROL AND TRANSDUCER	44 lbs			MU	
2	1		SHIELD COOLER CABINET	264 lbs	1706 btu	M33004	CRY	
3	1		POWER, GRADIENT, RF CABINET	3143 lbs	20945 btu	M3015G	PGR	
4	1		BLOWER BOX		1535 btu	M3015J	S	
5	1		PEN PANEL CABINET (EXAM ROOM SIDE)	639 lbs	10699 btu	M3015F	PEN	
6	1		RF PENETRATION PANEL	92 lbs		M3015P	SPW	
7	1		HEAT EXCHANGER CABINET	1349 lbs	3412 btu	M3015B M3015D	HEC	
8	1		MAGNET MONITOR	11 lbs	819 btu	M1615C	MON	
9	1		SPT PHANTOM CABINET	350 lbs		M6115	C	
10	1		3.0 TESLA ACTIVE SHIELD MAGNET	17312 lbs	8191 btu	M0300G M0315G M3015K M3015L	MAG	
11	1		REAR PEDESTAL	213 lbs				
12	1		PATIENT TRANSPORT TABLE (DOES NOT INCLUDE PATIENT)	462 lbs		M33006	O	
13	1		MAGNET RUNDOWN UNIT	8 lbs		M1715C	MRU	
14	1		OPERATOR WORKSPACE W/COLOR LCD MONITOR		4948 btu	M3015D	OV	
15	1		OPERATOR WORKSPACE CABINET	141 lbs		M0615D	C	
16	1		PATIENT ALERT CONTROL BOX			M4815	PA	
17	1		OPERATOR'S CHAIR					

THE FOLLOWING ITEMS, WHICH HAVE BEEN ORDERED FROM GE HEALTHCARE, ARE TO BE INSTALLED BY THE CUSTOMER OR HIS CONTRACTOR.

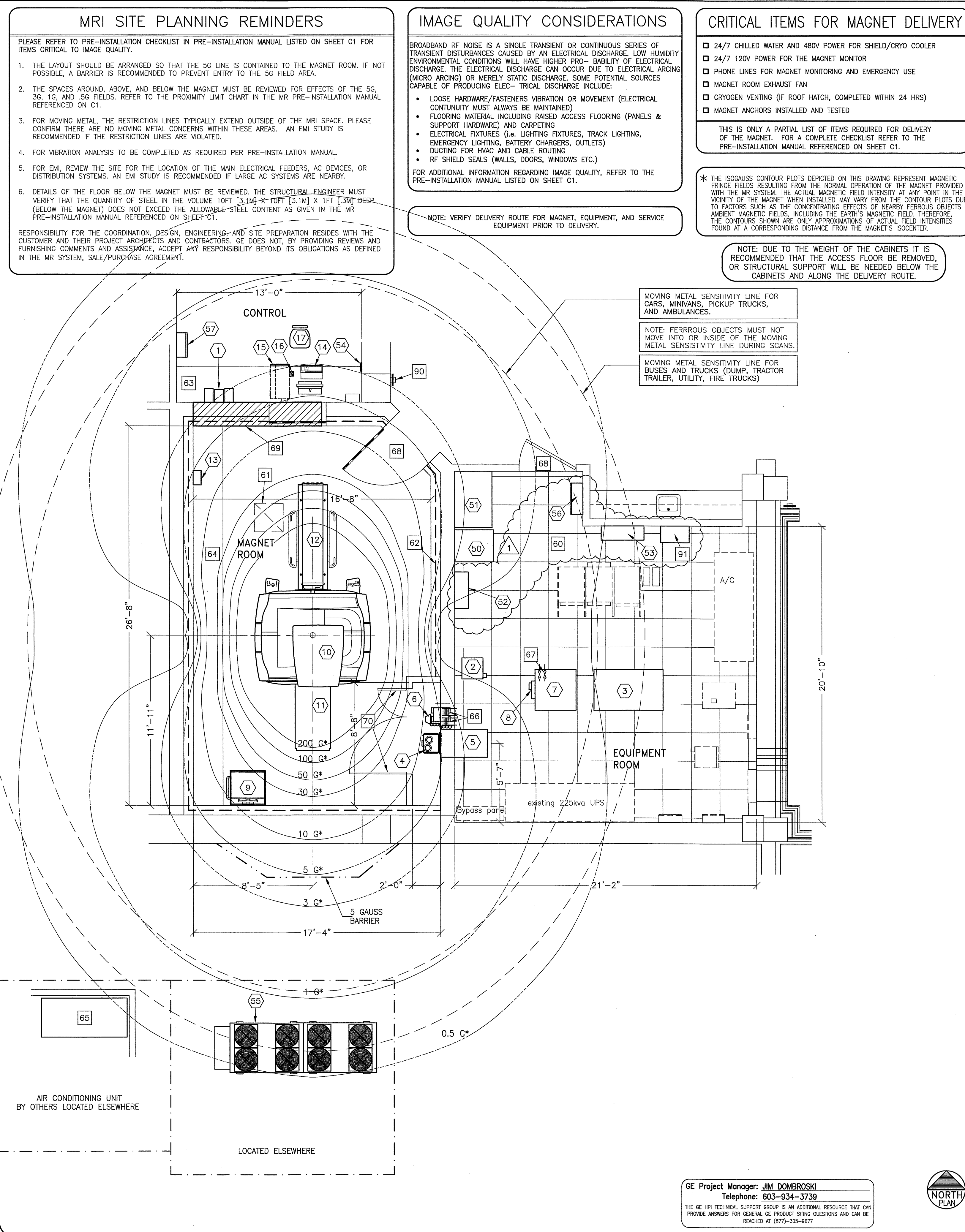
50	1		150 KVA UPS SYSTEM	2160 lbs	31802 btu	E4502FI	UPS	
51	1		UPS BATTERY CABINET	3529 lbs		E4502FE		
52	1		MAINTENANCE BYPASS PANEL	350 lbs		E4504CH	MBP	
53	1		WATER FILTER					
54	1		REMOTE GRAPHIC DISPLAY				RGD	
55	1		DIMPLEX 7500 CHILLER	4301 lbs	240002 btu	M0300F	DMP	
56	1		MAIN DISCONNECT PANEL	130 lbs	901 btu	M1715E	MDP	
57	1		DL LIGHTING CONTROL PANEL CAT. NO. E4502SC7SE	154 lbs	1023 btu	M2015	DCL	

SCALE: 1/4" = 1'-0"

EQUIPMENT LAYOUT

RECOMMENDED CEILING HEIGHT = 8'-9"

This equipment layout indicates the placement and interconnection of the indicated equipment components. There may be federal, state, and/or local requirements that could impact the placement of these components. It remains the Customer's responsibility for ensuring the site and final equipment placement complies with all applicable federal, state, and/or local requirements.



ANCILLARY ITEMS

CUSTOMER/CONTRACTOR SUPPLIED AND INSTALLED ITEMS

ITEM NO.	ITEM DESCRIPTION (* INDICATES EXISTING)
60	ACCESS FLOOR WITH 2' x 2' (610 x 610mm) REMOVABLE PANELS
61	MAGNET ROOM EXHAUST FAN
62	RF SCREEN, INCLUSIVE OF WALLS, FLOOR, DOOR, ETC. GROUND IMPEDANCE GREATER THAN 1000 OHMS. ATTENUATION 100dB AT 145MHz +/- 10MHz PLANEWAVE. COUNTERTOP WITH DRAWERS FOR MISCELLANEOUS ITEMS.
63	BASE CABINET FOR STORAGE OF SURFACE COILS, PATIENT POSITIONING PADS, PHANTOMS, ETC.
64	AIR CONDITIONING (VIBRATION ISOLATION IS RECOMMENDED AT SUPPORTS OF EACH UNIT TO BE INSTALLED.)
65	RF FILTERS - LOCATE WITHIN 40 IN. (1016 mm) OF THE RF COMMON GROUND STUD
66	VALVES AND HOSE BARBS FOR COOLING SYSTEM
67	MINIMUM DOOR OPENING FOR EQUIPMENT DELIVERY IS 48 IN. W X 82 IN. H (1229mm X 2083mm), CONTINGENT ON A 96 IN. (2438mm) CORRIDOR WIDTH
68	MINIMUM 9 FT. -0 IN. (2743 mm) X 9 FT. -0 IN. (2743 mm) REMOVABLE WALL SECTION FOR MAGNET DELIVERY/REMOVAL.
69	LOUVERED DOORS - OPENING WILL NEED TO BE 6 FT. TOTAL

THE FOLLOWING ITEMS ARE AVAILABLE FROM GE HEALTHCARE TECHNOLOGIES. CONTACT YOUR LOCAL GE HEALTHCARE SERVICE REPRESENTATIVE FOR PRICING AND AVAILABILITY.

90	METAL DETECTOR (HAND HELD)
91	AUTOMATIC CRYOGEN COMPRESSOR WATER BYPASS PANEL

GENERAL SPECIFICATIONS

- THE REQUIRED CEILING HEIGHT INDICATED ON THESE PLANS IS TO ENSURE EQUIPMENT FUNCTION IS NOT INHIBITED. CONSULT WITH YOUR LOCAL GEHC SPECIALIST REGARDING ACCEPTABILITY OF OTHER CEILING HEIGHTS.
- CHECK ALL DOOR OPENINGS AND HALLWAYS FROM DELIVERY LOCATION TO WHERE EQUIPMENT IS TO BE INSTALLED TO ENSURE THE ROUTE PHYSICALLY AND STRUCTURALLY WILL ACCOMMODATE THE EQUIPMENT AS SHIPPED.
- RADIATION PROTECTION REQUIREMENTS ARE NOT INDICATED ON THIS PLAN. WHERE NEEDED PER NATIONAL OR LOCAL CODE THEY SHALL BE SPECIFIED BY A QUALIFIED RADIOLOGICAL PHYSICIST.
- THE DEVELOPMENT OF THE EQUIPMENT LAYOUT, ROOM DIMENSIONS, MECHANICAL AND ELECTRICAL SUGGESTIONS IS PREDICATED UPON THE BEST INFORMATION OBTAINABLE FROM THE SITE, COUPLED WITH THE CUSTOMER'S KNOWN DESIRES. ARCHITECTURAL OR ELECTRICAL CHANGES INCLUDING RELOCATION OF EQUIPMENT ILLUSTRATED ON THIS DRAWING IS ALLOWED ONLY WITH NOTIFICATION, IN WRITING, AND REVIEW BY GEHC SERVICE DEPARTMENT. EQUIPMENT OPERATION, SERVICEABILITY, AND RESTRICTING CABLE LENGTHS, ETC., MAKE THIS ESSENTIAL FOR A PROPER IS. GEHC RESERVES THE RIGHT TO MAKE ON THE JOB CHANGES BECAUSE OF CUSTOMER REQUIREMENTS AND/OR OBSTACLES IN CONSTRUCTION, ETC..
- ALL WORK TO BE IN COMPLIANCE WITH NATIONAL AND LOCAL BUILDING SAFETY CODES.
- DIMENSIONS ARE TO FINISHED SURFACES OF ROOM

SITE ENVIRONMENT SPECIFICATIONS

- AMBIENT OPERATING TEMPERATURE: CONTROL AND EQUIPMENT ROOMS ARE 59-89.6 DEG (F) [15-32 (C)]. MAGNET ROOM IS 59-69.8 (C). MAXIMUM ALLOWABLE TEMPERATURE CHANGE OF 5 DEG (F)/HR [3 (C)/HR]. MAXIMUM ROOM TEMPERATURE GRADIENT 5 DEG (F) [3 (C)].
- HUMIDITY: CONTROL AND EQUIPMENT ROOMS ARE 30 TO 70 PERCENT NON-CONDENSING. MAGNET ROOM IS 30 TO 60 PERCENT NON-CONDENSING, MAXIMUM ALLOWABLE CHANGE OF 5 PERCENT/HOUR.
- ENVIRONMENTAL RESTRICTIONS ABOVE MUST NOT BE EXCEEDED FOR THE ELECTRONICS.
- DO NOT RESTRICT THE AIR INTAKE OR AIR EXHAUST OF THE SYSTEM COMPONENTS.
- ENVIRONMENTAL CONDITIONS LISTED ABOVE MUST BE MAINTAINED AT ALL TIMES INCLUDING FOR EXAMPLE OVERNIGHT, WEEKENDS, AND HOLIDAYS.
- 24 HOUR POWER AND HVAC MUST BE AVAILABLE UPON MAGNET DELIVERY. (THIS WILL INCLUDE CHILLED WATER SUPPLY).
- CRYOGEN VENTING AND EMERGENCY EXHAUST SYSTEMS MUST BE COMPLETED IN THE MAGNET ROOM PRIOR TO DELIVERY.
- FLUORESCENT LIGHTING, SCR DIMMERS OR RHEOSTATS ARE NOT ALLOWED IN THE MAGNET ROOM.

MAGNETIC INTERFERENCE SPECIFICATIONS

- THE CUSTOMER MUST ESTABLISH PROTOCOLS TO PREVENT PERSONS WITH CARDIAC PACEMAKERS, NEUROSTIMULATORS, AND BIOSTIMULATION DEVICES FROM ENTERING MAGNETIC FIELDS OF GREATER THAN 5 GAUSS (EXCLUSION ZONE).
- MAIN POWER TRANSFORMERS MUST REMAIN OUTSIDE THE 3 GAUSS FIELD. EMI < 17.1mG AC. EMI < 4.1mG DC.
- POTENTIAL EXISTS UNDER FAULT CONDITIONS THAT THE 5 GAUSS LINE MAY EXPAND AXIALLY TO 19.7 FT. [6.0 m] AND RADIALY TO 14.8 FT. [4.5 m] FOR 8 SECONDS OR LESS. IT SHOULD BE NOTED THAT NORMAL RAMPDOWNS WILL NOT CAUSE THE MAGNETIC FIELD TO EXPAND.
- IT IS RECOMMENDED EVERY SITE CONSIDER THE EVENT OF A QUENCH AND PLAN ACCORDINGLY (SUCH AS PLACING 5 GAUSS WARNING SIGNS AT EXPANDED LOCATIONS).
- THE FERROUS METAL OBJECTS LISTED BELOW MUST NOT MOVE INTO OR INSIDE OF THE MOVING METAL SENSITIVITY LINE DURING SCANS.

TYPICAL MOVING MAGNETIC MASS	DISTANCE RADIALY	DISTANCE AXIALLY
FORKLIFTS, SMALL ELEVATOR, CARS, MINIVANS VANS, PICKUP TRUCKS, AMBULANCES (OBJECTS GREATER THAN 400 lbs [182 kg])	20.0 ft. [6.05 m]	25.0 ft. [7.65 m]
BUSES AND TRUCKS (DUMP, TRACTOR TRAILER, UTILITY, FIRE TRUCKS)	23.3 ft. [7.10 m]	29.2 ft. [8.90 m]

THIS SHEET IS PART OF THE DOCUMENT SET LISTED ON SHEET C1 AND SHOULD NOT BE SEPARATED

GE Healthcare
Healthcare Project Implementation - Design Center
Milwaukee, WI

SHEET TITLE: EQUIPMENT LAYOUT
MODALITY TYPE: DISCOVERY MR 750w GEM

THIS PLAN IS SUBMITTED TO SUGGEST LOCATION OF GE HEALTHCARE EQUIPMENT AND ASSOCIATED APPARATUS, ELECTRICAL WIRING DETAILS, AND ROOM ARRANGEMENTS. IT IS NOT TO BE USED FOR CONSTRUCTION PURPOSES. IT IS NOT TO BE USED FOR ACTUAL CONSTRUCTION PURPOSES. HOWEVER, AND THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE:
MAINE MEDICAL CENTER
PORTLAND, MAINE

PROJECT	REVISION
132054	01

DATE: 02.Jul.13
DRAWN BY: MCK
CHECKED BY: JGA
GON NO: 4108424
GON DT: 27.Jun.13

REVISION HISTORY:

1	KMR - 26.Aug.13	CHECKED BY: PMM
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SHEET
A1

This drawing is based on Sketch No.: 13me045
PIM R4
RQ - 137547