## Drawing Index

These sheets are a document set and should not be separated. Electrical information and references are contained on all sheets.

SITE READINESS EQUIPMENT LAYOUT Α1 (Equipment locations, heat loads, component weights, environmental specs) STRUCTURAL LAYOUT S1 (Structural support/mounting locations for floor/wall/ceiling, wall support elevations) STRUCTURAL DETAILS S2 (Floor and Ceiling loading information) ELECTRICAL SPECIFICATIONS E2 (Maximum wiring run lengths, interconnect diagram, system power specifications) EQUIPMENT DETAILS D1

These equipment installation drawings indicate the placement and interconnection of the listed equipment components. These drawings are not construction or site preparation drawings. Customer remains ultimately responsible for preparing the site to accommodate the installation and operation of such equipment in compliance with GE Healthcare's written specifications and all applicable federal, state, and/or local requirements.

## \* REQUIRED REFERENCE \*

### INSTRUMENTARIUM DIAMOND **Preinstallation Manual**

A mandatory component of this drawing set is the GE Healthcare Preinstallation manual. Failure to reference the preinstallation manual will result in incomplete documentation required for site design and preparation.

Preinstallation documents for GE Healthcare products can be accessed on the web at:

http://www.gehealthcare.com/company/docs/siteplanning.html



Section 2

# GE Healthcare



## Women's Health Site Planning

imagination at work

### Customer Site Readiness Requirements

- prior to making changes.
- analysis, 4. Restrooms.
- containment requirements.

Items 1 through 8 on the GE Healthcare Site Readiness Checklist are REQUIRED to facilitate equipment delivery to the installation site. Equipment will not be delivered if these requirements are not satisfied.

	<b>GE Healthca</b>	re Sit	te R	ead	iness	che	cklist
	GEHC Global Order # :				Cı	ustomer:	
	GEHC On-site Representative :				MIS	Supplier:	
	Name of customer reviewed with :				Lead	Installer:	
	GEHC PMI :			r	Phone I	Number:	
	Target Site Prep Completion Date:	Helper:					
	The customer is responsible for proper site prep	baration ar	ia site i	readine	ss regardie	ess of any	GEHC Inspections/assessments.
	Inspection Date						
ltem #	GEHC Minimum Requirements	<b>Storage:</b> Is item ready?	-	Will item be <b>di p</b>	Verify (Delivery): Is item ready?	Validate (Mech Install): Is item ready?	<b>Comments</b> If "N", please enter in comments or action plan
1	Equipment installation drawings must match actual room size and must meet clearance requirements. Deviations that meet installation requirements may be red-lined, if red-lining is allowed by local code. Seismic requirements are identified on construction drawings.			1			
2	Delivery route to installation or storage area meets requirements and has been discussed and scheduled with the customer. Ensure floor protection is discussed, requirements identified, and will be available at time of delivery and installation.						
3	Rooms that will contain equipment, including storage areas, are dust free. Room security to prevent unauthorized access and theft has been discussed with customer. The customer is aware of these security issues, implications and responsibility.						
4	In room HVAC ductwork and units (in room) must be mechanically installed and dust free. Installation rooms appear to meet environmental conditions (see Further Definitions) and observed issues have been communicated to the customer. If being stored, storage area must meet PIM storage criteria.						
5	Ceiling grid is installed, Unistrut is located per the installation drawings, and permanent lighting is installed and operational.						
6	Floor is clean and prepared for final floor covering. Customer has verified floor leveling meets the equipment installation drawings and PIM specs and no visible defects are observed. Gantry and table baseplate are installed prior to delivery (if applicable)						
7	Access to a working phone at the facility for emergency use, including MR magnet delivery.						
8	All walls primed (final coat not needed on Day 1), and counter tops that will support equipment must be installed. No dust- producing cabinetry work in installation areas.						
9	Mechanical supplier has been provided with a set of equipment installation drawings for reference. For California, permitted construction drawings or PMI-specified installation drawings are required.						
10	Conduit/electrical cable ducting/dividers/ access flooring installed, with the exception of surface-mounted floor ducting. Wiring to the main disconnect panel is installed and compliant with equipment installation drawings or pre-installation manual.						
lss	ued Date: 7/9/07 Rev 11					!	

• Any deviation from these drawings must be communicated in writing to and reviewed by your local GE Healthcare Installation Project Manager

 Make arrangements for any rigging, special handling, or facility modifications that must be made to deliver the equipment to the installation site. If desired, your local GE Healthcare Installation Project Manager can supply a reference list of rigging contractors.

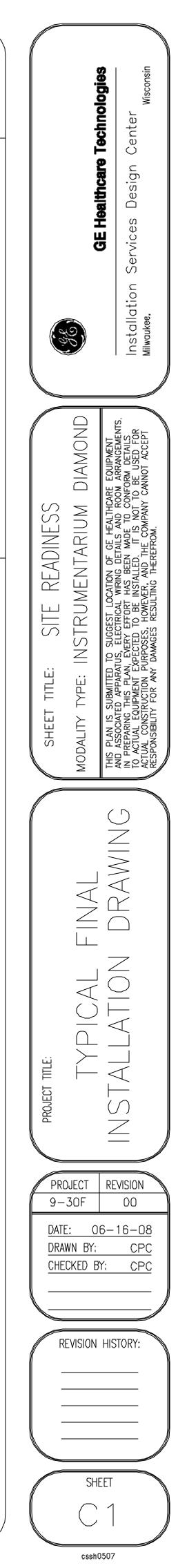
New construction requires the following; 1. Secure area for equipment, 2. Power for drills and other test equipment, 3. Capability for image

• Provide for refuse removal and disposal (e.g. crates, cartons, packing)

• Contact a radiation physicist or consultant to specify radiation

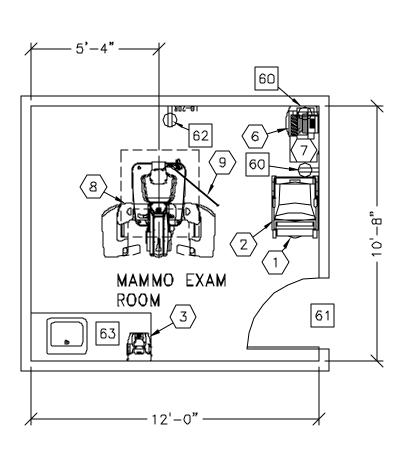
## GE Equipment Delivery Requirements

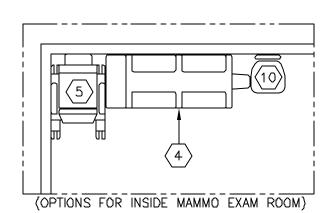
Order # :	Customer:	
ntative :	MI Supplier:	
ed with :	Lead Installer:	
HC PMI :	Phone Number:	
on Date:	Helper:	



4			GE EQUIPMEN	t listii	NG	Γ				(
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(	NO. ◯	V	ITEM DESCRIPTION (* = EXISTING/REINSTALL)	WEIGHT	HEAT OUTPUT (Per hour)	DETAIL NO.	STRC PLAN	ELEC PLAN	V	
	1	1	DELTA 32 MONITOR Delta 32 Workstation on cart Delta 32 stereotactic camera	77 lbs 66 lbs 17 lbs		S30601F			-	
		1 1	DBI IMAGING TABLE Mammography and Biopsy chair	315 lbs 160 lbs		B7123			-	
	6) (7) (B)	1	ALPHA ID FILM MARKING SYSTEM Alpha store Diamond mammography system	24 lbs 160 lbs 771 lbs		S30601I			- - -	
	89 (9) (1)		MOUNTED RADIATION SHIELD Hydraulic chair	143 lbs					-	
_			F FOLLOWING ITEMS WHICH HAVE BEEN O		OM GE HEAL					
		AR	E FOLLOWING ITEMS, WHICH HAVE BEEN O E TO BE INSTALLED BY THE CUSTOMER O	R HIS CONT	RACTOR.	 				
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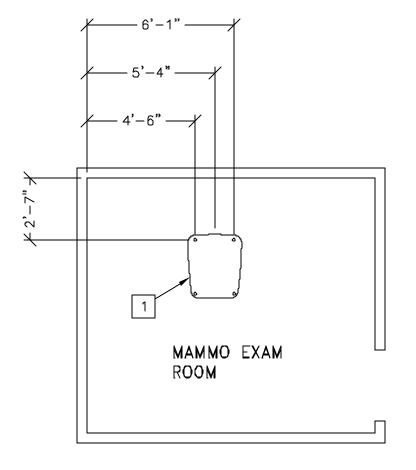
SCALE: 1/4" = 1'-0"EQUIPMENT LAYOUTRECOMMENDED CEILING HEIGHT =This equipment layout indicates the placement and interconnection of the indicated equipment components. There may be federal, state, and/or local requirements that could impact the<br/>of these components. It remains the Customer's responsibility for ensuring the site and final equipment placement complies with all applicable federal, state, and/or local requirements.



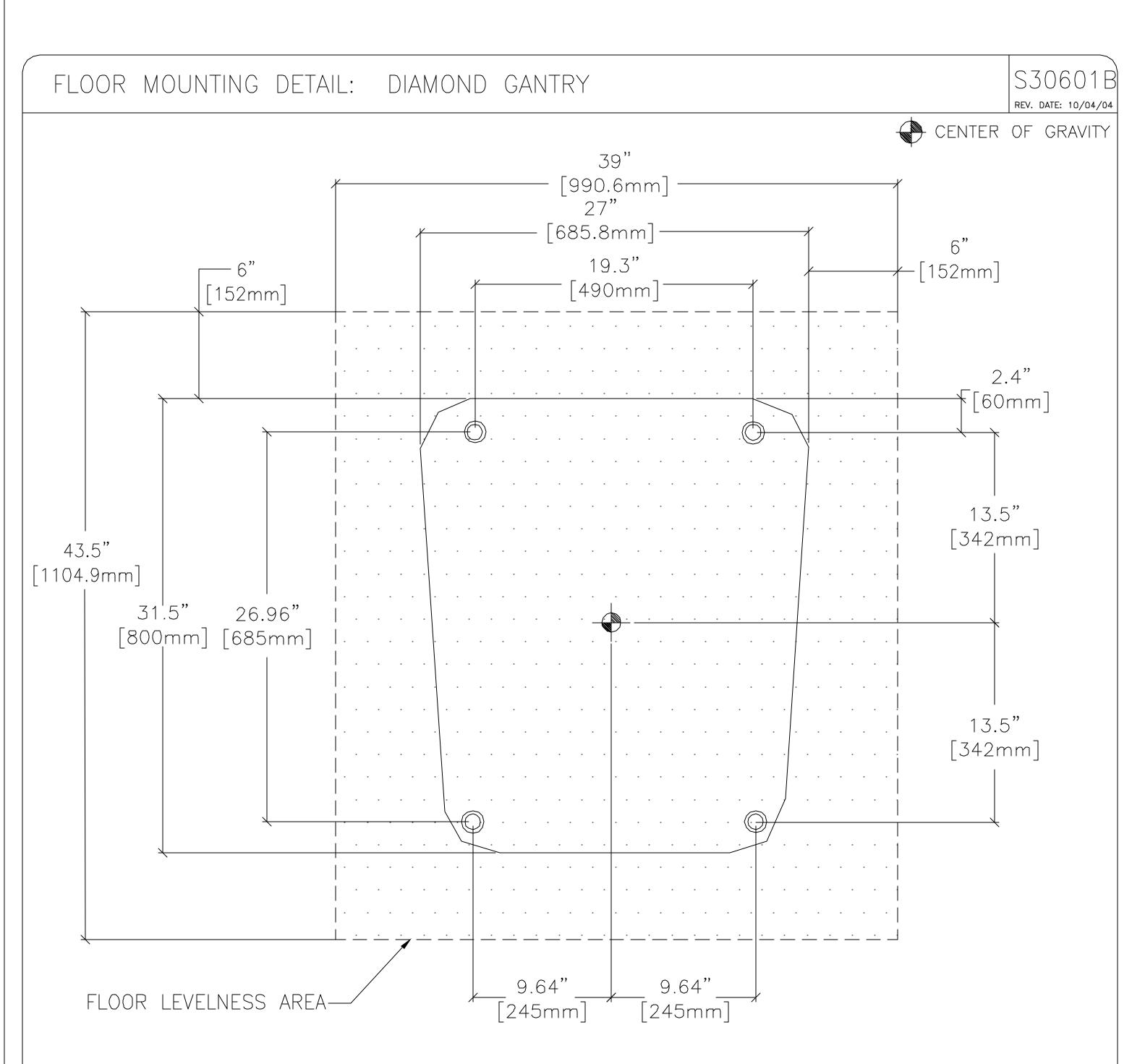


8'-0" ( placement	ANCILLARY ITEMS	
	CUSTOMER/CONTRACTOR SUPPLIED AND INSTALLED ITEMS ITEM DESCRIPTION (* INDICATES EXISTING)	<b>e Technologies</b> Center <sub>Wisconsin</sub>
	60       DUPLEX HOSPITAL GRADE RECEPTACLE AND COVERPLATE         61       MINIMUM DOOR OPENING FOR EQUIPMENT DELIVERY IS 36 IN. W X 82 IN. H 1914mm X 2083mmJ, CONTINGENT ON A 96 IN. 12438mmJ CORRIDOR WIDTH         62       DEDICATED 220-240V, 20A, NEMA L6-20R RECEPTACLE AND PLUG         63       COUNTER TOP WITH SINK AND BASE CABINETS	<b>GE Healthcare</b> Installation Services Design Milwaukee.
	THE FOLLOWING ITEMS ARE AVAILABLE FROM GE HEALTHCARE TECHNOLOGIES. CONTACT YOUR LOCAL GE HEALTHCARE SERVICE REPRESENTATIVE FOR PRICING AND AVAILABILITY.	EQUIPMENT LAYOUT INSTRUMENTARIUM DIAMOND INSTRUMENTARIUM DIAMOND TUS SUBGEST LOCATION OF GE HEALTHCARE EQUIPMENT TUS, ELECTRICAL WIRING DETAILS AND ROOM ARRANGEMENTS. TUS, ELECTRICAL WIRING DETAILS AND ROOM ARRANGEMENTS. TUS, ELECTRICAL WIRING DETAILS AND ROOM ARRANGEMENTS. URPOSES, HOWEVER, AND THE COMPANY CANNOT ACCEPT DAMAGES RESULTING THEREFROM.
	<ul> <li>GENERAL SPECIFICATIONS</li> <li>THE REQUIRED CEILING HEIGHT INDICATED ON THESE PLANS IS TO ENSURE EQUIPMENT FUNCTION IS NOT INHIBITED. CONSULT WITH YOUR LOCAL GEHC INSTALLATION SPECIALIST REGARDING ACCEPTABILITY OF OTHER CEILING HEIGHTS.</li> <li>CHECK ALL DOOR OPENINGS AND HALLWAYS FROM DELIVERY LOCATION TO WHERE EQUIPMENT IS TO BE INSTALLED TO ENSURE THE ROUTE PHYSICALLY AND STRUCTURALLY WILL ACCOMODATE THE EQUIPMENT AS SHIPPED.</li> <li>RADIATION PROTECTION REQUIREMENTS ARE NOT INDICATED ON THIS PLAN. WHERE</li> </ul>	SHEET TITLE: E MODALITY TYPE:   MODALITY TYPE:   MDDALITY
	<ul> <li>NEEDED PER NATIONAL OR LOCAL CODE THEY SHALL BE SPECIFIED BY A QUALIFIED RADIOLOGICAL PHYSICIST.</li> <li>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 INSTALLATION. GEHC RESERVES THE RIGHT TO MAKE ON THE JOB CHANGES BECAUSE OF CUSTOMER REQUIREMENTS AND/OR OBSTACLES IN CONSTRUCTION, ETC</li> <li>ALL WORK TO BE IN COMPLIANCE WITH NATIONAL AND LOCAL BUILDING SAFETY CODES.</li> </ul>	FINAL DRAWING
	• DIMENSIONS ARE TO FINISHED SURFACES OF ROOM SITE ENVIRONMENT SPECIFICATIONS	project title: TYPICAL INSTALLATION
	MAGNETIC INTERFERENCE SPECIFICATIONS	PROJECT REVISION 9-30F 00 DATE: 06-16-08 DRAWN BY: CPC CHECKED BY: CPC CHECKED BY: CPC
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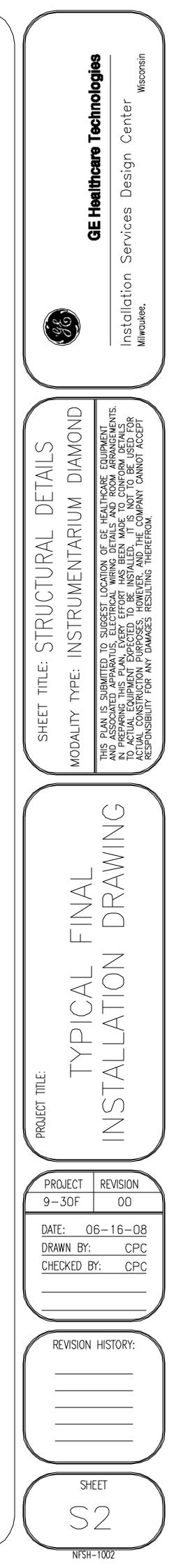
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	TYPICAL WALL SUF	PORT ELEVATIONS	SCALE: $1/4" = 1'-0"$
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STRUCTURAL SUPPORT METHODS CUSTOMER/CONTRACTOR SUPPLIED AND INSTALLED ITEMS ITEM DESCRIPTION (\* INDICATES EXISTING)  $\bigcirc$ ign LEVELING AREA FOR GANTRY, SEE DETAIL S30601B ON SHEET 1 DIAMOND Seismic Zone ANCHORING HARDWARE De (GANTRY) ANCHORS = Hilti KB3 - 3/8 x 3.75 in. (4 ea.) GEH ALL ANCHORS TO INCLUDE 1 FLATWASHER, ALL BOLTS TO Include 2 Flatwashers, 1 Lockwasher and 1 nut. S Installatio Milwaukee,  $\leq$  $\geq$  $\triangleleft$  $\cap$  $\square$ STRU( NSTRL  $( \Box )$ DRAWIN( STRUCTURAL NOTES • METHODS OF SUPPORT FOR THE STEELWORK THAT WILL PERMIT ATTACHMENT TO STRUCTURAL STEEL OR THROUGH BOLTS IN CONCRETE CONSTRUCTION SHOULD BE FAVORED. DO NOT USE CONCRETE OR MASONRY ANCHORS IN DIRECT TENSION. ◇ ALL UNITS THAT ARE WALL MOUNTED OR WALL SUPPORTED ARE TO BE PROVIDED WITH SUPPORTS WHERE NECESSARY, WALL SUPPORTS ARE TO BE SUPPLIED AND INSTALLED BY  $\bigcirc \vdash$ THE CUSTOMER OR HIS CONTRACTORS. SEE PLAN AND DETAIL SHEETS FOR SUGGESTED  $\sum_{n}$ LOCATIONS AND MOUNTING HOLE LOCATIONS. ALL CEILING MOUNTED FIXTURES, AIR VENTS, SPRINKLERS, ETC. TO BE FLUSH MOUNTED, OR SHALL NOT EXTEND MORE THAN 6,35mm (1/4") BELOW THE FINISHED CEILING.  $\succ$ \_\_\_\_\_  $- \lt$ o FLOOR SLABS ON WHICH EQUIPMENT IS TO BE INSTALLED MUST BE LEVEL TO 3,17mm (1/8") IN 3050mm (10'-0") \_\_\_\_  $\bigcirc$ O DIMENSIONS ARE TO FINISHED SURFACES OF ROOM.  $\geq$ O CUSTOMERS CONTRACTOR MUST PROVIDE ALL PENETRATIONS IN POST TENSION FLOORS. • CUSTOMERS CONTRACTOR MUST PROVIDE AND INSTALL ANY NON-STANDARD ANCHORING. DOCUMENTS FOR STANDARD ANCHORING METHODS ARE INCLUDED WITH GE EQUIPMENT DRAWINGS FOR GEOGRAPHIC AREAS THAT REQUIRE SUCH DOCUMENTATION. PROJECT REVISION O CUSTOMERS CONTRACTOR MUST PROVIDE AND INSTALL HARDWARE FOR "THROUGH THE FLOOR" ANCHORING AND/OR ANY BRACING UNDER ACCESS FLOORS. THIS CONTRACTOR 9-30F 00 MUST ALSO PROVIDE FLÓOR DRILLING THAT CANNOT BE COMPLETED BECAUSE OF AN OBSTRUCTION ENCOUNTERED WHILE DRILLING BY THE GE INSTALLER SUCH AS REBAR ETC. <u>DATE: 06-16-08</u> DRAWN BY: CPC CHECKED BY: CPC **REVISION HISTORY:** SHEET  $\bigcirc 1$  $\bigcirc$ THIS SHEET IS PART OF THE DOCUMENT SET LISTED ON SHEET C1 AND SHOULD NOT BE SEPARATED NFSH-1002



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NOTE 2: NOTE 3: NOTE 4; NOTE 5; NOTE 6: NOTE 7: NOTE 8: NOTE 9: NOTE 10: NOTE 11:

NOTE 1:

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				SHEET TITLE: ELECTRICAL SPECIFICATIONS SHEET TITLE: ELECTRICAL SPECIFICATIONS MODALITY TYPE: INSTRUMENTARIUM DIAMONI Ins plan is submitted to suggest location of ge healthcare equipment and associated apparatus, electrical witing details and room arrangement in preparing this plan, every effort has been made to conform details to actual equipment expected to be installed. It is not to be used for actual construction purposes, however, and the company cannot accept responsibility for any damages resulting therefrom.
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