Drawing I	ndex
These sheets are a document set and s Electrical information and references ar	
SITE READINESS	C1
EQUIPMENT LAYOUT (Equipment locations, heat loads, component weight STRUCTURAL LAYOUT (Structural support/mounting locations for floor/wal STRUCTURAL DETAILS (Floor and Ceiling loading information) ELECTRICAL LAYOUT (Contractor supplied wiring, interconnect methods, j ELECTRICAL SPECIFICATIONS	S1 I/ceiling, wall support elevations) S2 E1 unction point locations and descriptions) E2
(Maximum wiring run lengths, interconnect diagram, ELECTRICAL DETAILS	E3
EQUIPMENT DETAILS	D1
not construction or site preparation drawing responsible for preparing the site to accommo peration of such equipment in compliance specifications and all applicable federal, star <b>* REQUIRED REF</b>	nodate the IS and with GE Healthcare's written te, and/or local requirements.
ΝΕΨΟΙΝΕΟ ΝΕΙ	
Discovery N	M 750b
Pre Installatior	n Manual
5411135-	-1EN
A mandatory component of this drawi Pre Installation manual. Failure to reference manual will result in incomplete docur site design and preparation.	erence the preIS
Pre Installation documents for GE Hea accessed on the web at:	Ithcare products can be
www.gehealthcare.com/siteplanning	

# Ge Healthcare



### Juclear Medicine Site Planning



### Customer Site Readiness Requirements

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

	y to the IS site. Equipment will not be deliver
	B GE Healthcare Site Read
	Before using this document ensure you have the         GEHC Global Order # :         GEHC PMI :         The customer is responsible for proper site preparation regard
	GEHC Minimum Requirements
I	MR Magnet Delivery Requirements: Ensure cryogen venting system is available for mag connection as defined by GEHC Pre-Installation Manual (PIM) requirements, exhaust fan installed and operational, 480V power, and chilled water supply is available 24x7 that ma system cooling requirements. External connectivity is available for magnet monitoring a service is available during delivery. Surface mount vibromat installed where required. Ma room final flooring is in place.
	MR RF Screen Room Requirements: RF Screen Room is tested with copy of Test Report, to ISAdminCOEMB@ge.com, that it is compliant with GEHC specifications. Dock Bolt and anchors ( if applicable) installed using 2 part anchor. For HDx systems, blower box moun installed by RF vendor using 2 part anchors
-	State Regulatory Requirements: Facility registration number provided for states of <u>III, KY, HI, RI, SC, TX.</u> X-ray shielding plan and state acknowledgment letter provided to installer for <u>AR, DC, NC</u> & WA. Site Drawing Requirements: Final version of equipment network and antenna, installati drawings (including red lined versions) verified to match actual room and has been provi
4	installer. Surface Penetration Requirements: Customer/Contractor scheduled to provide requirec or cutting into floors, ceilings, and walls; OR surface penetration permit available and pos the room when GEHC will perform the work.
	<b>Pre-Delivery Route Requirements:</b> The equipment delivery route from the truck to the fin destination within the facility has been reviewed with all key stakeholders to safely mee minimum requirements for equipment access, and all communications/notifications hav occurred. Arrangements have been made for special handling (elevator, rigging, floor pro fork lift, rollback truck, etc).
6	Finished Room Requirements: Rooms that will contain equipment, including storage are scan suite, are dust free. Provisions taken to maintain a dust free room. Precautions mu taken to prevent dust from entering rooms containing equipment when construction is ir in adjacent areas. All walls primed (final coat not needed on Day 1). Shielding, doors, an windows are to be installed. No contractor work being done during or after the installatio will cause dust in the installation areas or potential equipment damage. Room security t unauthorized access and theft has been discussed with customer. The customer is awar these security issues, implications and responsibility. For Storage: Room must meet PIM requirements for storage.
7	Electrical Requirements: Lockable (LOTO) Main Disconnect Panel (MDP) is installed per G guidelines and system power is available. Conduits, electrical cable ducting/dividers/ca and access flooring is installed in proper location and height. Surface floor duct and load wires can be installed at time of system installation. Validate outlet location and require meet specifications for device/equipment.
8	HVAC Requirements: The HVAC/Chilled Water systems designed to maintain the enviror spec/PIM is at running state and appears to provide the desired environmental condition including location of vents, temperature and humidity for system operation.
	Flooring Requirements: Floor is clean and prepared for final floor covering. Floor levelness/flatness is measured and within tolerance, and there are no visible defects pe specifications. Confirm customer anchoring plan aligns with designed floor thickness. F flooring installed where required for network racks.
10	<b>Ceiling Requirements:</b> Unistrut (or equivalent) location, levelness and spacing is measure vendor confirmed) and consistent with the requirement of the installation drawings. Ens unistrut and rails are not used as mounting surfaces. Ceiling grid is installed. Permanen is installed and operational. HVAC diffusers are installed and connected to ductwork. Ce installed per PMI discretion.
	<b>Staging Requirements:</b> Space has been identified to support the active installation proc This area meets PIM/project book requirements. Storage space has been identified, if needed. This secured space would be used to store equipment indefinitely. If offsite, transportation plan has been developed at customer es This space must meet PIM requirements.
	Network Connectivity: Hardwire for network connectivity(network drop) is in place prior delivery with specified network firewall configuration where required. Site Surveys for w

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

hcare Site Readiness Checklist are REQUIRED to facilitate equipment ipment will not be delivered if these requirements are not satisfied.

#### GE Healthcare Site Readiness Checklist Rev 19

fore using this document ensure you have the latest R	<u>ev fr</u>	om N	۸y۷	Vor	ksho	ор о	n E		<u>0422752</u>
		omer							
s responsible for proper site preparation regardless of a		taller SEHC		asu	Irem	ents	s/in	spe	ctions/assessments.
Inspection Date:									
nimum Requirements	Storage	ls item ready?	MI	ls item	ready?	H	ls item	ready?	Comments If "N", enter comments or action plan
ure cryogen venting system is available for magnet llation Manual (PIM) requirements, exhaust fan system is id chilled water supply is available 24x7 that meets innectivity is available for magnet monitoring and phone se mount vibromat installed where required. Magnet									
creen Room is tested with copy of Test Report, emailed apliant with GEHC specifications. Dock Bolt and magnet art anchor. For HDx systems, blower box mount bolts rs									
tates of <u>III, KY, HI, RI, SC, TX.</u> gment letter provided to installer for <u>AR, DC, NC, SC, CO</u> n of equipment network and antenna, installation									
ified to match actual room and has been provided to									
omer/Contractor scheduled to provide required drilling DR surface penetration permit available and posted in rk.									
quipment delivery route from the truck to the final viewed with all key stakeholders to safely meet the cess, and all communications/notifications have e for special handling (elevator, rigging, floor protection,									
at will contain equipment, including storage areas not in to maintain a dust free room. Precautions must be s containing equipment when construction is incomplete coat not needed on Day 1). Shielding, doors, and or work being done during or after the installation that potential equipment damage. Room security to prevent discussed with customer. The customer is aware of sponsibility. For Storage: Room must meet PIM									
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Vater systems designed to maintain the environment per to provide the desired environmental conditions Ind humidity for system operation.									
d prepared for final floor covering. Floor n tolerance, and there are no visible defects per GEHC ng plan aligns with designed floor thickness. Final ork racks.									
lent) location, levelness and spacing is measured (or e requirement of the installation drawings. Ensure ig surfaces. Ceiling grid is installed. Permanent lighting rs are installed and connected to ductwork. Ceiling tiles				_			_		
identified to support the active installation process only. ments. ded. This secured space would be used to store rtation plan has been developed at customer expense.									
rork connectivity(network drop) is in place prior to onfiguration where required. Site Surveys for wireless									

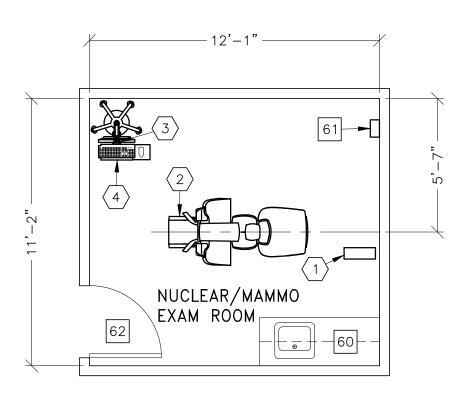
		GE Healthcare		IS Services Design Center Milwaukee, Copyright 2009 General Electric Company - Proprietary to GE
	SHEET TITLE: SITE READINESS	MODALITY TYPE: DISCOVERY NM750b	THIS PLAN IS SUBMITTED TO SUGGEST LOCATION OF GE HEALTHCARE EQUIPMENT AND ASSOCIATED APPARATUS. FI FCTRICAL WIRING DETAILS AND ROOM ARRANGEMENTS.	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.
	PROJECT TITLE:	TYPICAL FINAL	INCTALLATION DRAWIND	
PIM R1	7– DATE DRAI CHE	DJECT 80f E: 2 WN BY: CKED B EVISION	26.S Y: HIST	/ISION         00         Sep.12         JLT         CPC         ORY:

		GE EQUIPMENT ENT ON ORDER FROM GE HEALTHCARE, INSTALL	ED BY GE H	EALTHCARE,	EQUIPA	MENT CR ENCE CH	ROSS	$\neg$
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EM		– QUANTITY ORDERED REFER TO SHEET "D"					FICATIONS	111
$\supset$	V	ITEM DESCRIPTION (* = EXISTING/REINSTALL)	WEIGHT	HEAT OUTPUT (PER HOUR)	DETAIL NO.	STRC PLAN		V
1234	1 1	1.5 KVA UPS SYSTEM DISCOVERY NM 750B GANTRY EMO PUSHBUTTON DISCOVERY NM530c OPERATORS CONSOLE ON CART	39 lbs 859 lbs 33 lbs	849 btu	B81058		UPS NMC EMO AC	S - -
	TH AR	E FOLLOWING ITEMS, WHICH HAVE BEEN O E TO BE INSTALLED BY THE CUSTOMER OI	RDERED FROR R HIS CONT	DM GE HEAL <sup>T</sup> RACTOR.	THCARE,			

SCALE: 1/4" = 1'-0"is equipment layout indicates the plc these components. It remains the

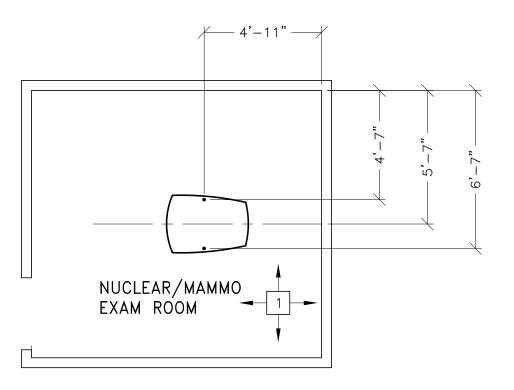
EQUIPMENT LAYOUT	REC	COMMENDE	ED CEILING	G HEIGHT	
placement and interconnection of the indicated equipment components. There may be fed ne Customer's responsibility for ensuring the site and final equipment placement complies w					
	[ IMPORT/	ANT CUS	FOMER RI	EADINESS	_
	NECESSARY FOR EC	QUIPMENT CALIBRATION	DN. APPROPRIATE R E CUSTOMER EARLY	DPES, INCLUDING THO REGULATORY COMPLIA IN THE PLANNING PF	N(
	ASSIGNED BY THE HOSPITAL NET ADMIN IF CONNECTING TO THE HOSPITAL LAN	HOSTNAME	IP	ae title	
	ACQUISITION HOST				
	PROCESSING HOST				
	HARDCOPY HOST LAN NET MASK				F
	GATEWAY TO OTHER NETWORKS				

OTHER HUB OR SWITCH PREPARE ADEQUATE NETWORK SOCKETS IN THE PROPER LOCATIONS TO SUPPORT ALL ACQUISIT REMOTE WORKSTATION.
 IT DEPARTMENT MUST ASSIGN DEDICATED IP ADDRESSES (NOT DHCP) NOTE THE ADDRESSES BE ACQUISITION, LOCAL AND REMOTE WORKSTATIONS.
 PREPARE BROADBAND CONNECTIVITY LINE AND DEDICATED IP ADDRESSES FOR INSITE CONNECTIVITY
 REFER TO TABLE ON A1 PAGE

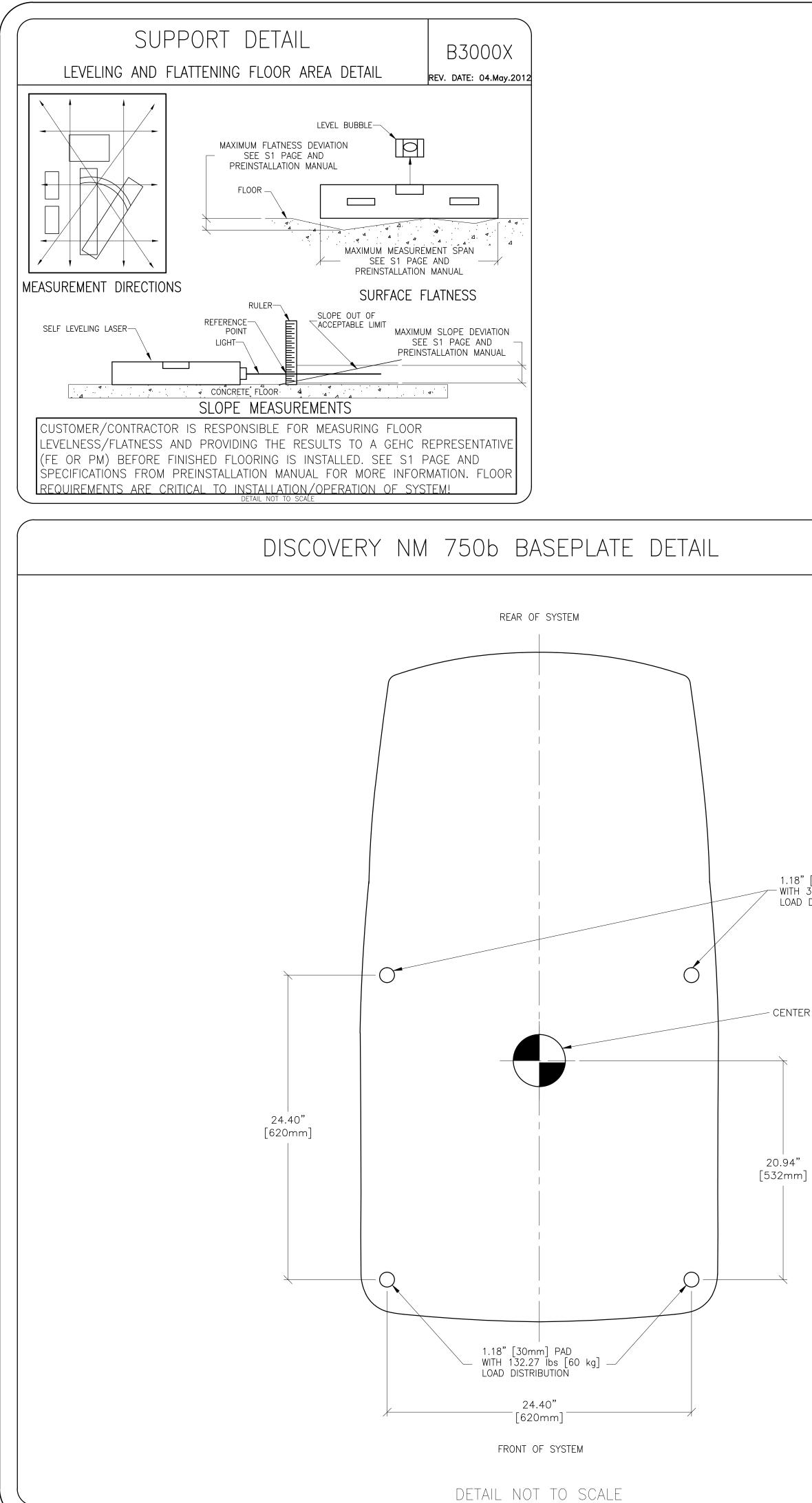


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IS ALL ADDRESS AND AND REPORT ON THESE PLANS IS TO EXAMPLE EXAMPLESS OF THE PROPERTY OF THE EXAMPLESS OF THE OCTIVE EXAMPLESS OF TH		TECHNOLOGIES. CONTACT YOUR LOCAL GE HEALTHCARE	NT LAYOUT NM750b OF GE HEALTHCARE EQUIPMENT G DETAILS AND ROOM ARRANGEMENTS. BEEN MADE TO CONFORM DETAILS LED. IT IS NOT TO BE USED FOR ND THE COMPANY CANNOT ACCEPT THEREFROM.
ALL WORK TO BE IN COMPLIANCE WITH NATIONAL AND LOCAL BUILDING SAFETY CODES.     DIMENSIONS ARE TO FINISHED SURFACES OF ROOM      SITE ENVIRONMENT SPECIFICATIONS     MORENT OPERATING TEMPERATURE: 64' TO 81' F [18' to 27' C], MAXIMUM     ALLOWABLE TEMPERATURE: 64' TO 81' F [18' to 27' C], MAXIMUM     ALLOWABLE TEMPERATURE: 64' TO 81' F [18' to 27' C], MAXIMUM     ALLOWABLE TEMPERATURE: 64' TO 81' F [18' to 27' C], MAXIMUM     ALLOWABLE TEMPERATURE: 64' TO 81' F [18' to 27' C], MAXIMUM     ALLOWABLE TEMPERATURE: 64' TO 81' F [18' to 27' C], MAXIMUM     ALLOWABLE TEMPERATURE: 64' TO 81' F [18' to 27' C], MAXIMUM     ALLOWABLE TEMPERATURE: 64' TO 81' F [18' to 27' C], MAXIMUM     ALLOWABLE TEMPERATURE: 64' TO 81' F [18' to 27' C], MAXIMUM     ALLOWABLE TEMPERATURE: 64' TO 81' F [18' to 27' C], MAXIMUM     ALLOWABLE TEMPERATURE: 64' TO 81' F [18' to 27' C], MAXIMUM     ALLOWABLE TEMPERATURE: 15' C] /HOUR.     O NOT PLACE CAMERA NEAR REGISTERS, WINDOWS OR OTHER COMPONENTS THAT     COULD AFFECT TEMPERATURE ISKNOWN TO CAUSE SEVERE DAMAGE TO SOPHISTICATED     ELECTROSTATIC DISCHARGE IS KNOWN TO CAUSE SEVERE DAMAGE TO SOPHISTICATED     ELECTRONICS. STATIC CHARGES ASDITE EXAMINATION ROOM SHIELDED     OT TO EXCEED 8000 FT. [2438 m] ABOVE SEA LEVEL.     THE ENVIRONMENT FOR THE ELECTRONICS CABINET/CPU MUST BE CONTROLLED SO THE     ABOVE RESTRICTIONS ARE NOT EXCEEDED.     BACKGROUND RADIATION SHOULD BE KEPT TO A MINIMUM. RADIOACTIVE SOURCES     WINST BE KEPT IN SHIELDED CONTIANCES AND THE EXAMINATION ROOM SHIELDED     FROM EXTERNAL SOURCES (FOR EXAMPLE X-RAY AND CT SYSTEMS, AND PATIENTS     UNDERGOING TREATMENT).      MAGNETIC INTERFERENCE SPECIFICATIONS     MACKGROUND RADIATIONS HOULD BE KEPT TO A MINIMUM. RADIOACTIVE SOURCES     MINST BE KEPT IN SHIELDED CONTIANCES ADD THE EXAMINATION ROOM SHIELDED     FROM EXTERNAL SOURCES (FOR EXAMPLE X-RAY AND CT SYSTEMS, AND PATIENTS     UNDERGOING TREATMENT).      MAGNETIC INTERFERENCE SPECIFICATIONS     MAXIMENTERY ADATE STATIC MAGNETIC FARMENTIS     NUCLEAR CAMERA DETECTORS MUST		<ul> <li>THE REQUIRED CEILING HEIGHT INDICATED ON THESE PLANS IS TO ENSURE EQUIPMENT FUNCTION IS NOT INHIBITED. CONSULT WITH YOUR LOCAL GEHC IS 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 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</li> </ul>	CHEET TITLE: MODALITY TYPE: MODALITY TYPE: THIS PLAN IS SUBMITTED AND ASSOCIATED APPARATI IN PREPARING THIS PLAN, TO ACTUAL EQUIPMENT EX ACTUAL CONSTRUCTION PL RESPONSIBILITY FOR ANY
<ul> <li>ALTITUDE: NOT TO EXCEED 8000 FT. [2438 m] ABOVE SEA LEVEL.</li> <li>THE ENVIRONMENT FOR THE ELECTRONICS CABINET/CPU MUST BE CONTROLLED SO THE ABOVE RESTRICTIONS ARE NOT EXCEEDED.</li> <li>BACKGROUND RADIATION SHOULD BE KEPT TO A MINIMUM. RADIOACTIVE SOURCES MUST BE KEPT IN SHIELDED CONTAINERS AND THE EXAMINATION ROOM SHIELDED FROM EXTERNAL SOURCES (FOR EXAMPLE X-RAY AND CT SYSTEMS, AND PATIENTS UNDERGOING TREATMENT).</li> <li>MAGNETIC INTERFERENCE SPECIFICATIONS NUCLEAR CAMERA DETECTORS MUST BE LOCATED IN AMBIENT STATIC MAGNETIC FIELDS OF LESS THAN 0.5 GAUSS TO GUARANTEE SPECIFIED IMAGING PERFORMANCE.</li> </ul>		<ul> <li>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</li> <li>ALL WORK TO BE IN COMPLIANCE WITH NATIONAL AND LOCAL BUILDING SAFETY CODES.</li> <li>DIMENSIONS ARE TO FINISHED SURFACES OF ROOM</li> </ul> SITE ENVIRONMENT SPECIFICATIONS • AMBIENT OPERATING TEMPERATURE: 64* TO 81' F [18* to 27* C], MAXIMUM ALLOWABLE TEMPERATURE CHANGE OF 5' F [3* C] /HOUR. • DO NOT PLACE CAMERA NEAR REGISTERS, WINDOWS OR OTHER COMPONENTS THAT COULD AFFECT TEMPERATURE LEVEL CHANGES IN CAMERA VICINITY. • HUMIDITY: 40 TO 60 PERCENT NON-CONDENSING, MAXIMUM ALLOWABLE CHANGE OF	TYPICAL F Allation
		<ul> <li>ELECTROSTATIC DISCHARGE IS KNOWN TO CAUSE SEVERE DAMAGE TO SOPHISTICATED ELECTRONICS. STATIC CHARGES ASSOCIATED WITH LOWER HUMIDITY LEVELS (BELOW 40%) MAY INTERFERE WITH SYSTEM OPERATION.</li> <li>ALTITUDE: NOT TO EXCEED 8000 FT. [2438 m] ABOVE SEA LEVEL.</li> <li>THE ENVIRONMENT FOR THE ELECTRONICS CABINET/CPU MUST BE CONTROLLED SO THE ABOVE RESTRICTIONS ARE NOT EXCEEDED.</li> <li>BACKGROUND RADIATION SHOULD BE KEPT TO A MINIMUM. RADIOACTIVE SOURCES MUST BE KEPT IN SHIELDED CONTAINERS AND THE EXAMINATION ROOM SHIELDED FROM EXTERNAL SOURCES (FOR EXAMPLE X-RAY AND CT SYSTEMS, AND PATIENTS UNDERGOING TREATMENT).</li> </ul>	PROJECTREVISION7-80f00DATE:26.Sep.12DRAWNBY:JLT

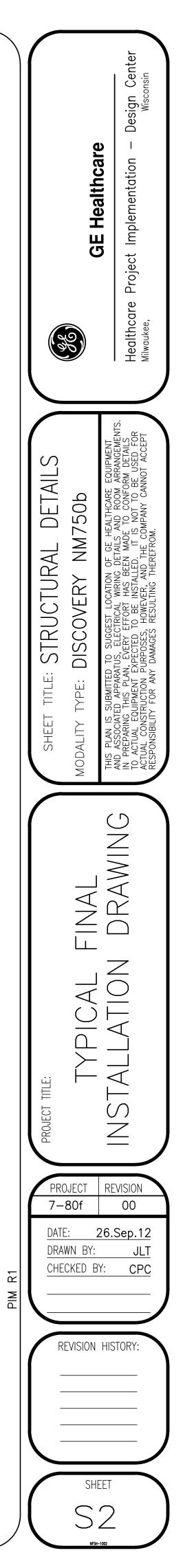
TYPICAL WALL SUPPORT ELEVATIONS	SCALE: $1/4" = 1'-0"$



ITEM	USTOMER/CONTRACTOR SUPPLIED AND INSTALLED ITEMS	
NO.	ITEM DESCRIPTION (* INDICATES EXISTING)	are
1	FLOOR REQUIREMENTS: FLOOR LEVELNESS IN THE EXAM ROOM MUST BE LEVEL WITHIN 1/10 IN. 2.5 mm] DVER 39 IN. 11 MJ. FLOOR FLATNESS IN THE EXAM ROOM MUST HAVE NO DEVIATIONS GREATER THAN. 01" (3 mm] DVER 11' -5.8" IN. 1350 CMJ. IF THE DISCOVERY NM 7506 SYSTEM IS INSTALLED ON A FLOOR TYPE THINNER THAN 120mm (4.72") CONCRETE FLOOR, THE CUSTOMER SHALL, AT ITS EXPENSE, PROVIDE ACCEPTABLE ANCHORING AND MOUNTING METHODS THAT MEET ALL STRUCTURAL SPECIFICATIONS PROVIDED IN THE PRE-INSTALLATION MANUAL AND COORDINATE WITH THE INSTALLATION TEAM. VIBRATION REQUIREMENTS THE MAXIMUM STEADY STATE VIBRATION TRANSMITTED THROUGH THE FLOOR SHOULD NOT EXCEED 0.001 PER METER SQUARED RMS MAXIMUM SINGLE FREQUENCY ABOVE AMBIENT BASELINE FROM 0.5 TO 80 Hz (MEASURED IN ANY 1 HOUR DURING A NORMAL OPERATING PERIOD).	GE Healthcare
		SHEET TITLE: STRUCTURAL LAYOUT 10DALITY TYPE: DISCOVERY NM750b
		SHEET TITLE: S MODALITY TYPE: DI
0 0 0 0	STRUCTURAL NOTES 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 THE CUSTOMER OR HIS CONTRACTORS. SEE PLAN AND DETAIL SHEETS FOR SUGGESTED LOCATIONS AND MOUNTING HOLE LOCATIONS. FLOOR SLABS ON WHICH EQUIPMENT IS TO BE INSTALLED MUST BE LEVEL TO SPECIFICATIONS. (IF NOT SPECIFIED ELSEWHERE ON THIS SHEET THE FLOOR LEVELNESS SHOULD BE 1/8 IN. [3 MM] IN 10 FT. [3.05 M]. DIMENSIONS ARE TO FINISHED SURFACES OF ROOM. FOR SEISMIC REGIONS ENSURE SUPPORTS SPAN THREE MEMBERS. 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. CUSTOMERS CONTRACTOR MUST PROVIDE AND INSTALL HARDWARE FOR "THROUGH THE FLOOR" ANCHORING AND/OR ANY BRACING UNDER ACCESS FLOORS. THIS CONTRACTOR MUST ANCO DROVIDE FOR DROVIDE AND INSTALL HARDWARE FOR "THROUGH THE FLOOR" ANCHORING AND/OR ANY BRACING UNDER ACCESS FLOORS. THIS CONTRACTOR MUST ANCO DROVIDE FOR DROVIDE AND INSTALL HARDWARE FOR "THROUGH THE FLOOR" ANCHORING AND/OR ANY BRACING UNDER ACCESS FLOORS. THIS CONTRACTOR	PROJECT TITLE: TYPICAL FINAL
0	MUST ALSO PROVIDE FLOOR DRILLING THAT CANNOT BE COMPLETED BECAUSE OF AN OBSTRUCTION ENCOUNTERED WHILE DRILLING BY THE GE INSTALLER SUCH AS REBAR ETC. IT IS THE CUSTOMER'S RESPONSIBILITY TO PERFORM ANY FLOOR OR WALL PENETRATIONS THAT MAY BE REQUIRED. THE CUSTOMER IS ALSO RESPONSIBLE FOR ENSURING THAT NO SUBSURFACE UTILITIES (E.G., ELECTRICAL OR ANY OTHER FORM OF WIRING, CONDUITS, PIPING, DUCT WORK OR STRUCTURAL SUPPORTS (I.E. POST TENSION CABLES OR REBAR)) WILL INTERFERE OR COME IN CONTACT WITH SUBSURFACE PENETRATION OPERATIONS (E.G. DRILLING AND INSTALLATION OF ANCHORS/SCREWS) PERFORMED DURING THE INSTALLATION PROCESS. TO ENSURE WORKER SAFETY, GE INSTALLERS WILL PERFORM SURFACE PENETRATION OPERATIONS ONLY AFTER THE CUSTOMER'S VALIDATION AND COMPLETION OF THE "GE SURFACE PENETRATION PERMIT"	PROJECT R 7-80f DATE: 26 DRAWN BY: CHECKED BY:
		SHEE



B750B REV. DATE: 04.NOV.11 1.18" [30mm] PAD — WITH 308.64 lbs [140 kg] LOAD DISTRIBUTION - CENTER OF GRAVITY



SCALE: 1/4" = 1'-0"ELEC FEEDER TABLE - DISCOVERY NM 750b D CALCULATIONS BASED UPON NOMINAL VOLTAGE, WIRE SIZE IN AWG RECOMMENDED FEEDER SIZES FROM POWER SOURCE TO CAMERA THE GROUNDING CONDUCTOR WILL BE THE SAME SIZE AS THE PC GROUND WILL RUN FROM THE EQUIPMENT BACK TO THE FACILITY GROUNDING POINT AND ALWAYS TRAVEL IN THE SAME CONDUIT WI AND NEUTRAL. O FOR A FULL SYSTEM UPS REFER TO ELECTRICAL DETAILS FOR UF RUN LENGTH IN FEET POWER SUPPLY VOLTAGE 110—125 115 (60 Hz) SIZE OF FEEDERS AND GROUND WIRES (A 50 14 100 14 150 12 200 12 250 10 FINISHED CEILING (NCO) А FINISHED FLOOR (A)1'-0" —

trical pla	Ν	RECOMMENDED CEILING HEIGHT = $8'-0''$
SYSTEMS	ELECTRICAL OUTLET LEGEND	JUNCTION POINT NOTES
/G. A OUTLET. POWER FEEDER. THIS POWER SOURCE (MAIN	CUSTOMER/CONTRACTOR SUPPLIED AND INSTALLED ITEMS. HEIGHT ABOVE FLOOR DETERMINED BY LOCAL CODES UNLESS OTHERWISE SPECIFIED.	<ul> <li>ALL JUNCTION BOXES, CONDUIT, DUCT, DUCT DIVIDERS, SWITCHES, CIRCUIT BREAKERS, ETC., ARE TO BE SUPPLIED AND INSTALLED BY CUSTOMERS ELECTRICAL CONTRACTOR.</li> </ul>
Y POWER SOURCE/MAIN WITH THE FEEDERS	NETWORK OUTLET (SEE ELECTRICAL DETAILS ELEC-83 AND ELEC-84)	<ul> <li>CONDUIT AND DUCT RUNS SHALL HAVE SWEEP RADIUS BENDS</li> </ul>
IPS FEEDER WIRES.		<ul> <li>CONDUITS AND DUCT ABOVE CEILING OR BELOW FINISHED FLOOR MUST BE INSTALLED AS NEAR TO CEILING OR FLOOR AS POSSIBLE TO REDUCE RUN LENGTH.</li> </ul>
220-253	4	• CEILING MOUNTED JUNCTION BOXES ILLUSTRATED ON THIS PLAN MUST BE INSTALLED FLUSH WITH FINISHED CEILING.
230 (50 Hz) (AWG) 14 14 14 14 14 14		<ul> <li>ALL DUCTWORK MUST MEET THE FOLLOWING REQUIREMENTS:</li> <li>1. DUCTWORK SHALL BE METAL WITH DIVIDERS AND HAVE REMOVABLE, ACCESSIBLE COVERS.</li> <li>2. DUCTWORK SHALL BE CERTIFIED/RATED FOR ELECTRICAL POWER PURPOSES.</li> <li>3. DUCTWORK SHALL BE ELECTRICALLY AND MECHANICALLY BONDED TOGETHER IN AN APPROVED MANNER.</li> <li>4. PVC AS A SUBSTITUTE MUST BE USED IN ACCORDANCE WITH ALL LOCAL AND NATIONAL CODES.</li> </ul>
14		<ul> <li>ALL OPENINGS IN ACCESS FLOORING ARE TO BE CUT OUT AND FINISHED OFF WITH GROMMET MATERIAL BY THE CUSTOMERS CONTRACTOR.</li> </ul>
REV. DATE: 06.Nov.11	<b>/</b>	<ul> <li>GENERAL CONTRACTOR TO INSERT PULL CORDS FOR ALL CABLE RUN CONDUITS BETWEEN THE EQUIPMENT ROOM AND THE OPERATORS CONTROL ROOM.</li> </ul>
		0 10 FOOT PIGTAILS AT ALL JUNCTION POINTS.

ALUMINUM OR SOLID WIRES ARE NOT ALLOWED.

SPECIFICATIONS SHOWN ON THIS PLAN.

ALL WIRING MUST BE THHN OR TFFN STRANDED COPPER THERMOPLASTIC 600 VOLT OR EQUIVALENT INSULATION.

PLEASE SEE BELOW FOR ADDITIONAL REQUIRED CONDUIT RUNS AND SIZES.

GROUNDING IS CRITICAL TO EQUIPMENT FUNCTION AND PATIENT SAFETY. SITE MUST CONFORM TO WIRING

AC AC EMO NUCLEAR/MAMMO EXAM ROOM

NUCL	EA	IAL COI AR DIS NTRAC	00	/E	RY	. –			
		REQUIRED S ARE L						ING)	
						rev d/	ATE: 02	.Mar.20	12
А	ТО	NCO	ON	E	CND.	AS	REQ	'D	
A	то	POWER			AS R PER				_E

