




			<div>Typical</div> <div>----</div> <div>----</div>												
E	01/Nov/2021	Initial release per PIM revision 7													
D	10/Sep/2020	Initial release per PIM revision 6													
C	31/Jan/2020	Initial release per PIM revision 5													
B	11/Sep/2019	Initial release per PIM revision 4													
A	03/Jun/2019	Initial release per PIM revision 3													
REV	DATE	MODIFICATIONS		<div><div>GE Healthcare</div><div>DISCOVERY RF180 FINAL STUDY</div></div> <div>----</div> <div>----</div> <div>----</div>											
01 - C1 - Cover Sheet 02 - C2 - Disclaimer - Site Readiness 03 - A1 - General Notes 04 - A2 - Equipment Layout 05 - A3 - Section Views 06 - A4 - Equipment Details 07 - A5 - Equipment Details & Delivery (2) 08 - S1 - Structural Notes 09 - S2 - Structural Layout		10 - S3 - Structural Details (1) 11 - M1 - HVAC 12 - E1 - Electrical Notes 13 - E2 - Electrical Layout 14 - E3 - Electrical Elevations 15 - E4 - Details-Interconnections 16 - E5 - Power Requirements													
A mandatory component of this drawing set is the GE Healthcare Pre Installation manual. Failure to reference the Pre Installation manual will result in incomplete documentation required for site design and preparation. Pre Installation documents for GE Healthcare products can be accessed on the web at: www.gehealthcare.com/siteplanning				Drawn by		Verified by		Concession		S.O. (GON)		PIM Manual		Rev	
				GSP		PMM		----		----		5793724-1EN		7	
GE does not take responsibility for any damages resulting from changes on drawings made by others. Errors may occur by not referring to the complete set of final issue drawing. GE cannot accept responsibility for any damage due to the partial use of GE final issue drawings, however caused. All dimensions are in millimeters unless otherwise specified. Do not scale from printed pdf files. GE accepts no responsibility or liability for defective work due to scaling from these drawings.				Format		Scale		File Name				Date		Sheet	
				A3		1/4"=1'-0"		EN-RF-DISCOVERY_RF180-WEB.DWG				01/Nov/2021		01/16	

DISCLAIMER

GENERAL SPECIFICATIONS

- GE is not responsible for the installation of developers and associated equipment, lighting, cassette trays and protective screens or derivatives not mentioned in the order.
- The final study contains recommendations for the location of GE equipment and associated devices, electrical wiring and room arrangements. When preparing the study, every effort has been made to consider every aspect of the actual equipment expected to be installed.
- The layout of the equipment offered by GE, the dimensions given for the premises, the details provided for the pre-installation work and electrical power supply are given according to the information noted during on-site study and the wishes expressed by the customer.
- The room dimensions used to create the equipment layout may originate from a previous layout and may not be accurate as they may not have been verified on site. GE cannot take any responsibility for errors due to lack of information.
- Dimensions apply to finished surfaces of the room.
- Actual configuration may differ from options presented in some typical views or tables.
- If this set of final drawings has been approved by the customer, any subsequent modification of the site must be subject to further investigation by GE about the feasibility of installing the equipment. Any reservations must be noted.
- The equipment layout indicates the placement and interconnection of the indicated equipment components. There may be local requirements that could impact the placement of these components. It remains the customer's responsibility to ensure that the site and final equipment placement complies with all applicable local requirements.
- All work required to install GE equipment must be carried out in compliance with the building regulations and the safety standards of legal force in the country concerned.
- These drawings are not to be used for actual construction purposes. The company cannot take responsibility for any damage resulting therefrom.

CUSTOMER RESPONSIBILITIES

- It is the responsibility of the customer to prepare the site in accordance with the specifications stated in the final study. A detailed site readiness checklist is provided by GE. It is the responsibility of the customer to ensure all requirements are fulfilled and that the site conforms to all specifications defined in the checklist and final study. The GE Project Manager of Installation (PMI) will work in cooperation with the customer to follow up and ensure that actions in the checklist are complete, and if necessary, will aid in the rescheduling of the delivery and installation date.
- Prior to installation, a structural engineer of record must ensure that the floor and ceiling is designed in such a way that the loads of the installed system can be securely borne and transferred. The layout of additional structural elements, dimensioning and the selection of appropriate installation methods are the sole responsibility of the structural engineer. Execution of load bearing structures supporting equipment on the ceiling, floor or walls are the customer's responsibility.

RADIO-PROTECTION

- Suitable radiological protection must be determined by a qualified radiological physicist in conformation with local regulations. GE does not take responsibility for the specification or provision of radio-protection.

THE UNDERSIGNED, HEREBY CERTIFIES THAT I HAVE READ AND APPROVED THE PLANS IN THIS DOCUMENT.		
DATE	NAME	SIGNATURE

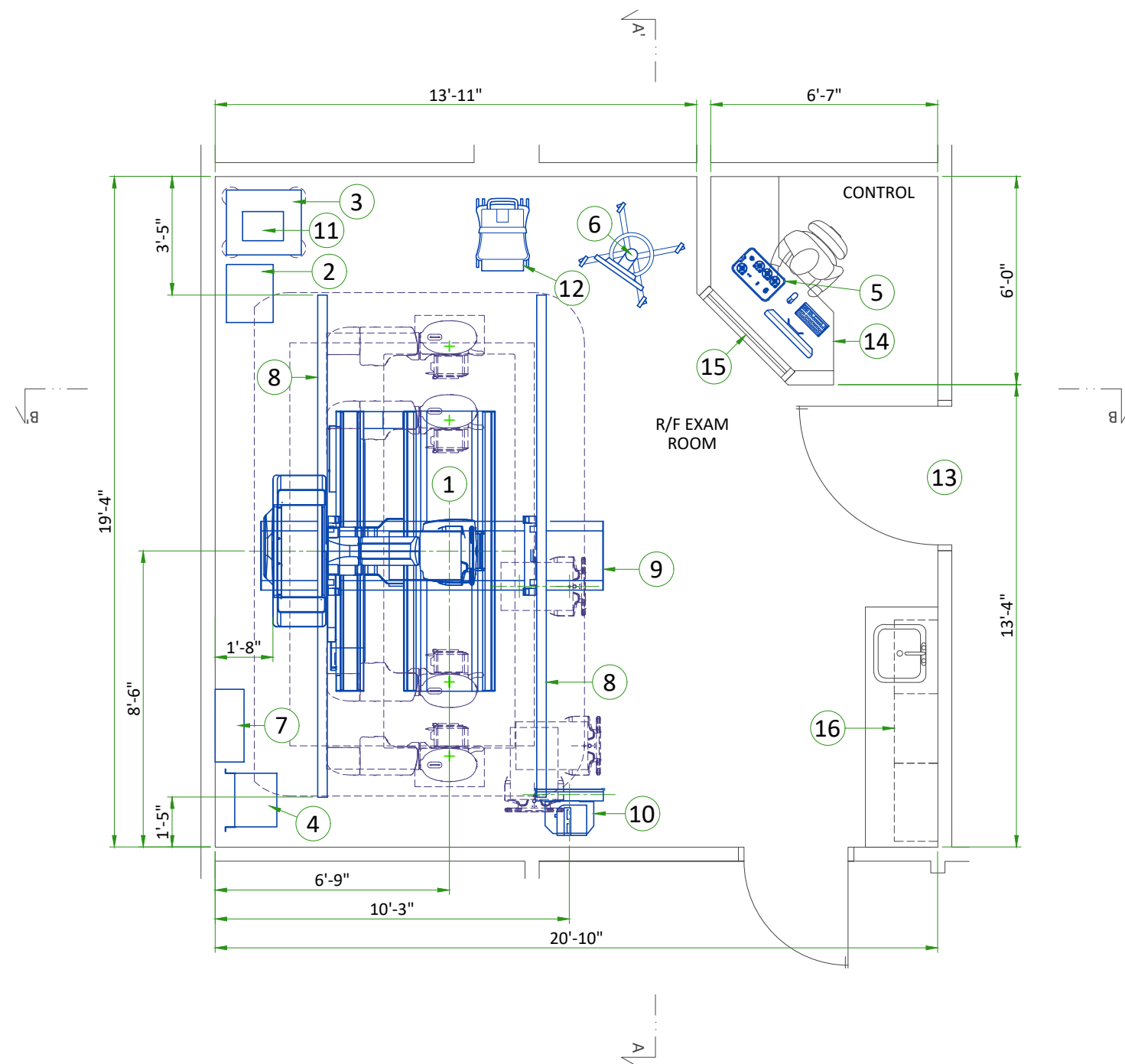
GLOBAL SITE READINESS CHECKLIST (DI)

DOC1809666 Rev. 7

Site Ready Checks at Installation
EHS Site Requirements
Overall access route to the scan room free from obstruction / high hazards.
Enough space to store tools, equipment, parts, install waste and the general area free from obstruction and trip hazards.
Enough necessary facilities for the GE employees available.
No 3rd parties working in the area that may affect the safety of the installation activity.
Area free from any chemical, gas, dust, welding fume exposure and has painting been completed and dry.
All emergency routes identified, signed and clear from obstruction.
Accessible single source lockable panel that LOTO can be applied to for GE equipment installation (MDP and/or PDU).
There are no other conditions or hazards that you have observed or have been made aware of by the customer or contractors on site.
Required for Mechanical Install start
Room dimensions, including ceiling height, for all Exam, Equipment/Technical & Control rooms meets GE specifications.
Ceiling support structure, if indicated on the GE drawing, is in the correct location and at the correct height according to the Original Equipment Manufacturer specifications.
Levelness and spacing has been measured, and is ready for the installation of any GE supplied components.
Overhead support Structure (unistrut) has been confirmed with customer/contractor to meet required GE provided criteria.
Finished ceiling is installed. If applicable ceiling tiles installed per PMI discretion.
Floor levelness/flatness is measured and within tolerance, and there are no visible defects per GEHC specifications.
Entry door threshold meets PIM requirement.
Rooms that will contain equipment, including staging areas if applicable, are construction debris free. Precautions must be taken to prevent debris from entering rooms containing equipment.
Cable ways (floor/wall/ceiling/Access Flooring) are available for installation of GE cables are of correct length and diameter.
Cable ways routes per GE Final drawings and cable access openings areas installed at a time determined by GEHC PM. Surface floor duct can be installed at time of system installation.
Adequate room illumination installed and working.
Customer supplied countertops where GE equipment will be installed are in place.
Required for Calibration Start
HVAC systems Installed, and the site meets minimum environmental operational system requirements.
System power & grounding (PDB/MDP) is available as per GE specifications.
System power & grounding (PDB/MDP) is installed at point of final connection and ready to use. Lock Out Tag Out is available.
PMI to confirm all feeder wires and breaker are size appropriately. EPO installed if needed.
PMI to confirm with electrician all power and signal cables are well terminated ensuring there are no loose connections.
Network outlets installed.
Computer network available and working.
Lead doors and windows complete or scheduled to be installed. If applicable, radiation protection (shielding) finished & radioprotection regulatory approval for installation obtained.

Note: The details shown here are only an extract from DOC1809666. For the complete document please contact your PMI.

CUSTOMER SITE READINESS REQUIREMENTS			ENVIRONMENTAL SPECIFICATIONS		
<ul style="list-style-type: none">Any deviation from these drawings must be communicated in writing to and reviewed by your local GE healthcare installation project manager prior to making changes.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;<ol style="list-style-type: none">Secure area for equipment,Power for drills and other test equipment,Capability for image analysis,Restrooms.Provide for refuse removal and disposal (e.g. crates, cartons, packing)For CT, MR, PET/CT, and SPECT systems it is required to minimize vibrations within the scan room. It is the customer's responsibility to contract a vibration consultant/engineer to implement site design modifications to meet the GE vibration specification. Refer to the system preinstallation manual for vibration specifications.			<p>MAGNETIC INTERFERENCE</p> <p>To guarantee specified imaging performance : X-ray tubes and control console equipment must be located in ambient static field of less than 10 gauss.</p> <p>LIGHT REQUIREMENTS</p> <p>For the electronic ballast of fluorescent lamp in exam room, the operating frequency should be above 42KHz.</p> <p>ACOUSTIC OUTPUT</p> <p>Measured 1 m from any point in system. In-use: less than 65 dBA Stand-by: less than 45 dBA</p>		
Typical	DISCOVERY RF180	EN-RF-DISCOVERY RF180-WEB.DWG	Rev E Date	01/Nov/2021	A1 - General Notes 03/16



LEGEND

A	GE Supplied	D	Available from GE
B	GE Supplied/contractor installed	E	Equipment existing in room
C	Customer/contractor supplied and installed	*	Item to be reinstalled from another site

BY	ITEM	DESCRIPTION	MAX HEAT OUTPUT (btu)	WEIGHT (lbs)	MAX HEAT OUTPUT (W)	WEIGHT (kg)
A	1	Table (with over-floor plate)	2388	3197	700	1450
A	2	Generator	3500	200	1026	91
A	3	Digital Systems Cabinet	1092	242	320	110
B/D	4	15 kVA Transformer	-	210	-	95
A	5	Operators Console	149	17	57	8
A	6	Single Monitor Cart	149	42	57	19
B/D	7	Power Distribution Box (PDB)	-	175	-	80
D	8	4410m Kalos Rails	-	-	-	-
D	9	OTS with 3m Bridge	1190	833	350	378
D	10	Non-Tilting Wallstand	-	376	-	171
A	11	Partial UPS	-	77	-	35
A	12	TIMMS 2000 on cart (TPC)	-	200	-	25
C	13	Minimum opening for equipment delivery is 1200 w x 1890 h [47 in. w x 74 in. h], contingent on a 2600 [102 in] corridor width				
C	14	Counter top for equipment- provide grommets openings as required to route cables				
C	15	Control wall, to ceiling with lead glass viewing window				
C	16	Counter top with sink, base, and wall cabinets				

Exam room height

Finished floor to slab height	TBD
Recommended finished ceiling height	9'-10"

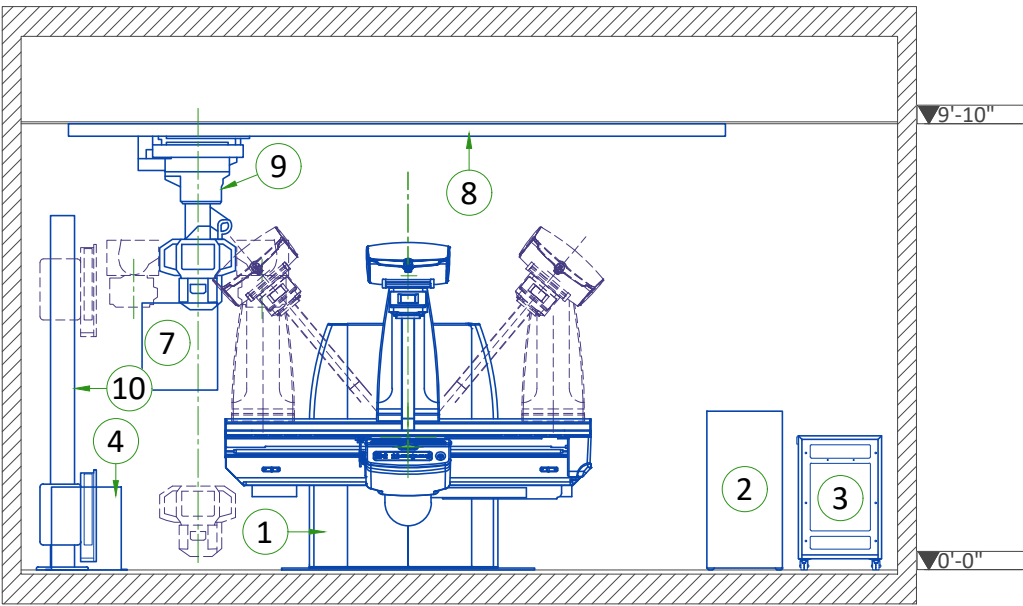
Please note that your Discovery RF180 installation in the selected room does not meet the following minimal requirement:

- 530 mm required distance between the Tube Head and any stationary object.

Therefore we must apply a warning label on both Tube Head sides to remind the Operator about entrapment hazard during Gantry motions.

For Accessory Sales: (866) 281-7545 Options 1, 2, 1, 2 or mail to: gehcaccessoriesales@ge.com

FRONT VIEW A-A'



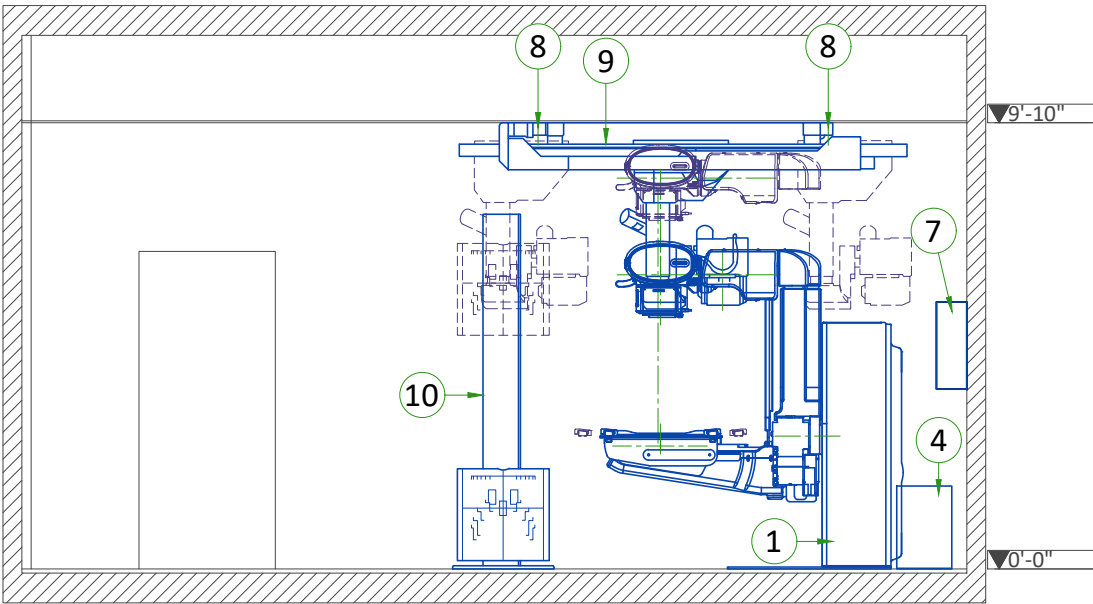
EXAM ROOM CEILING HEIGHTS

RECOMMENDED AND MINIMUM ROOM HEIGHTS			
CONFIGURATION	SPECIFICATION	CEILING HEIGHT	
		mm	ft
Table	Minimum	2600	8'-6"
	Recommended	3000	9'-10"
Overhead Tube Suspension	Minimum	2600	8'-6"
	Recommended	2920	9'-7"
Monitor Suspension	Minimum	2600	8'-6"
	Minimum	2600	8'-6"
Tilting Wall Stand*	Minimum	2600	8'-6"
	Recommended	2650	8'-8"
Non-tilting Wall Stand	Minimum	2400	7'-8"
	Recommended	2800	9'-2"

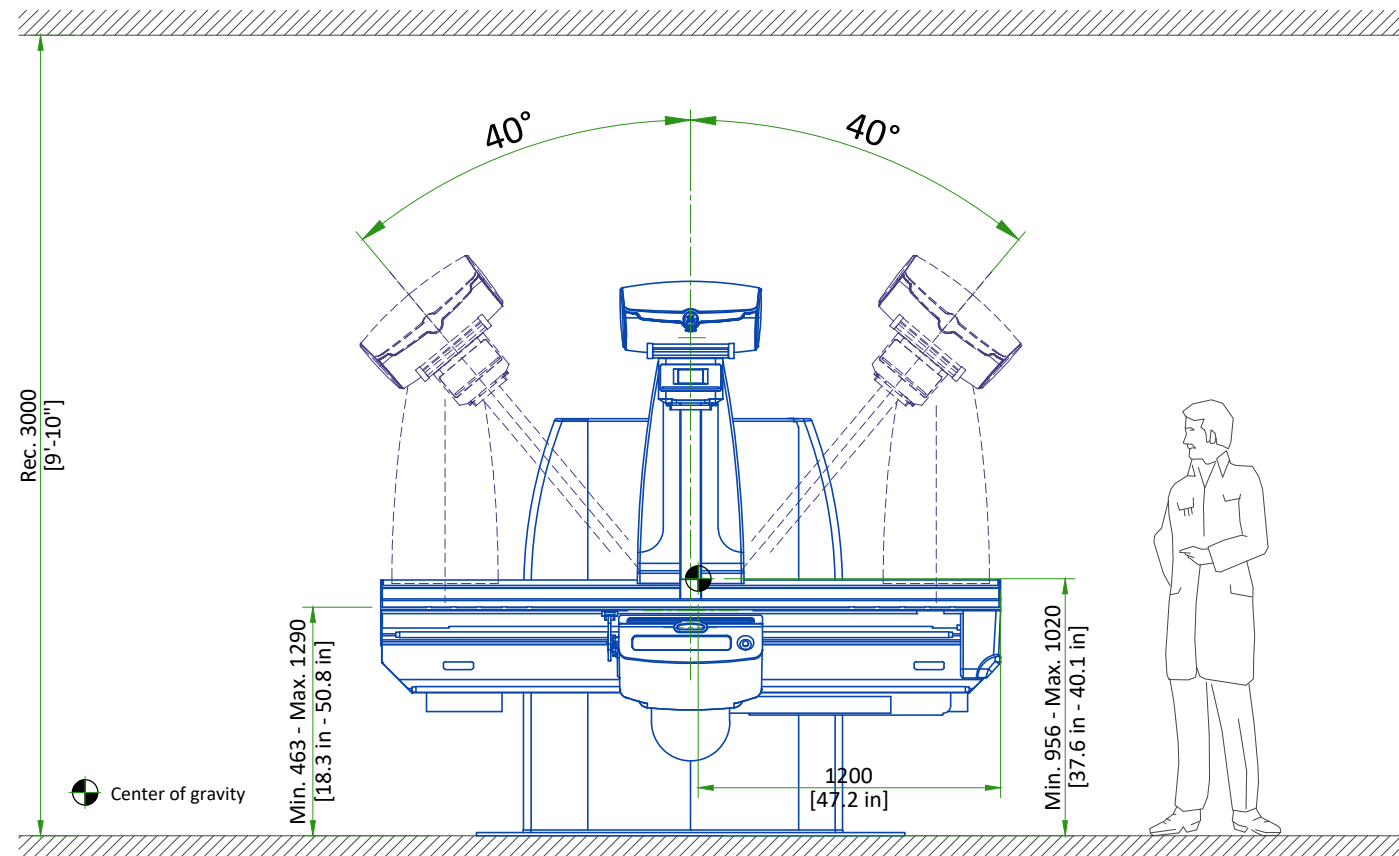
Note : Minimum room height for the table must take into consideration the most protruding object from the ceiling that is in the system area (for example the rails for OTS).

*Not available in USA

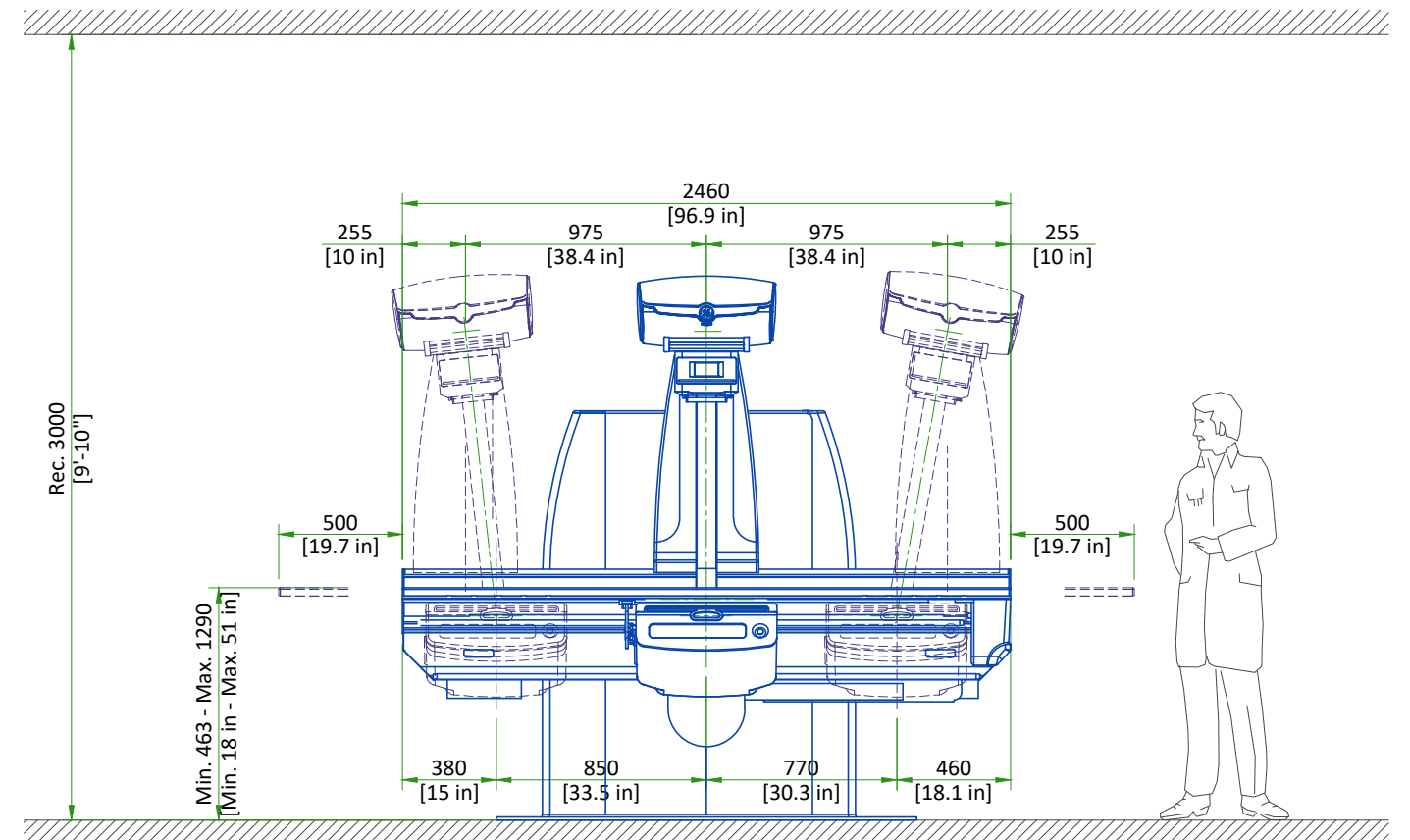
SIDE VIEW B-B'



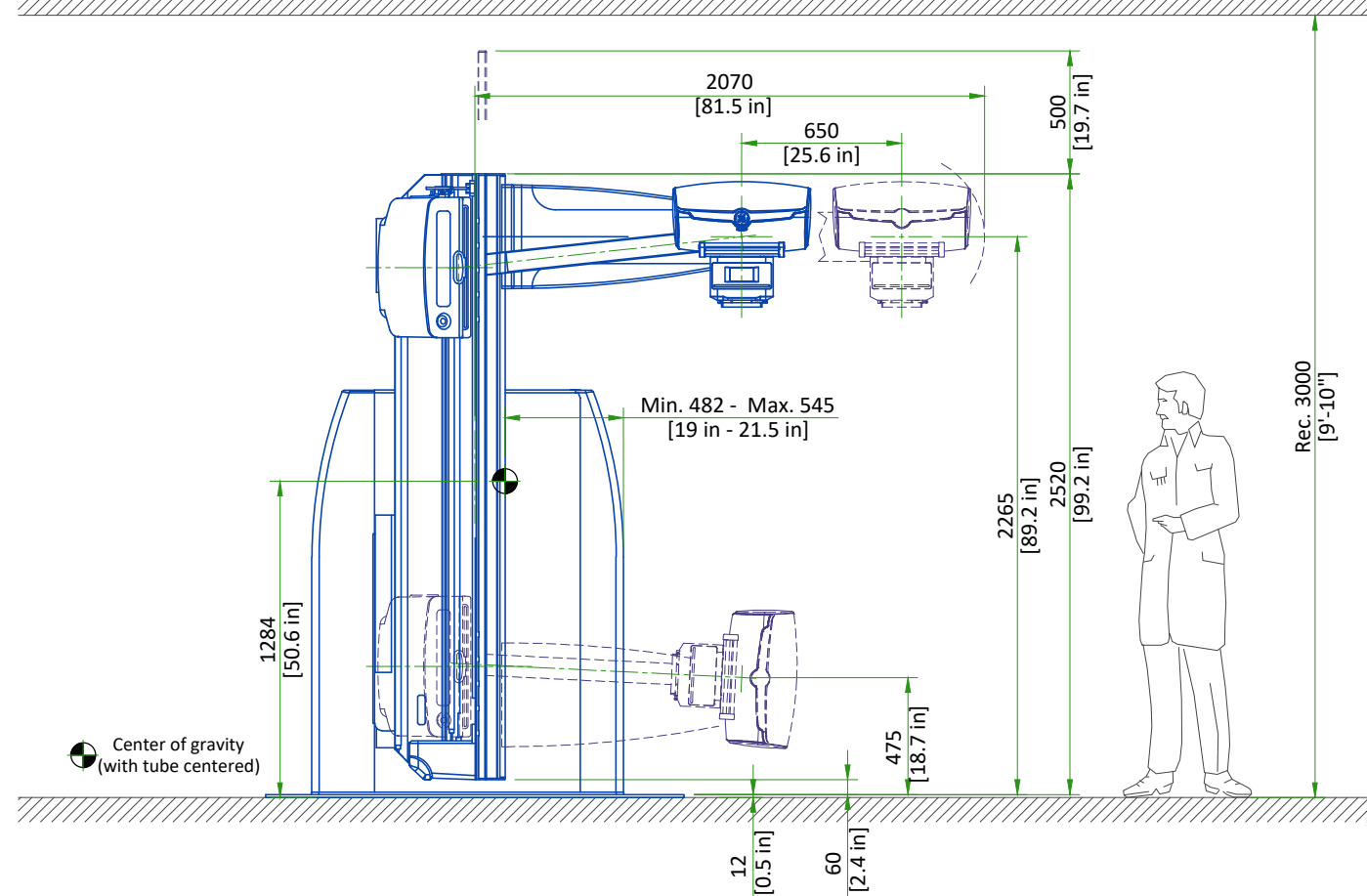
TYPICAL FRONT VIEW AND TUBE ANGULATION



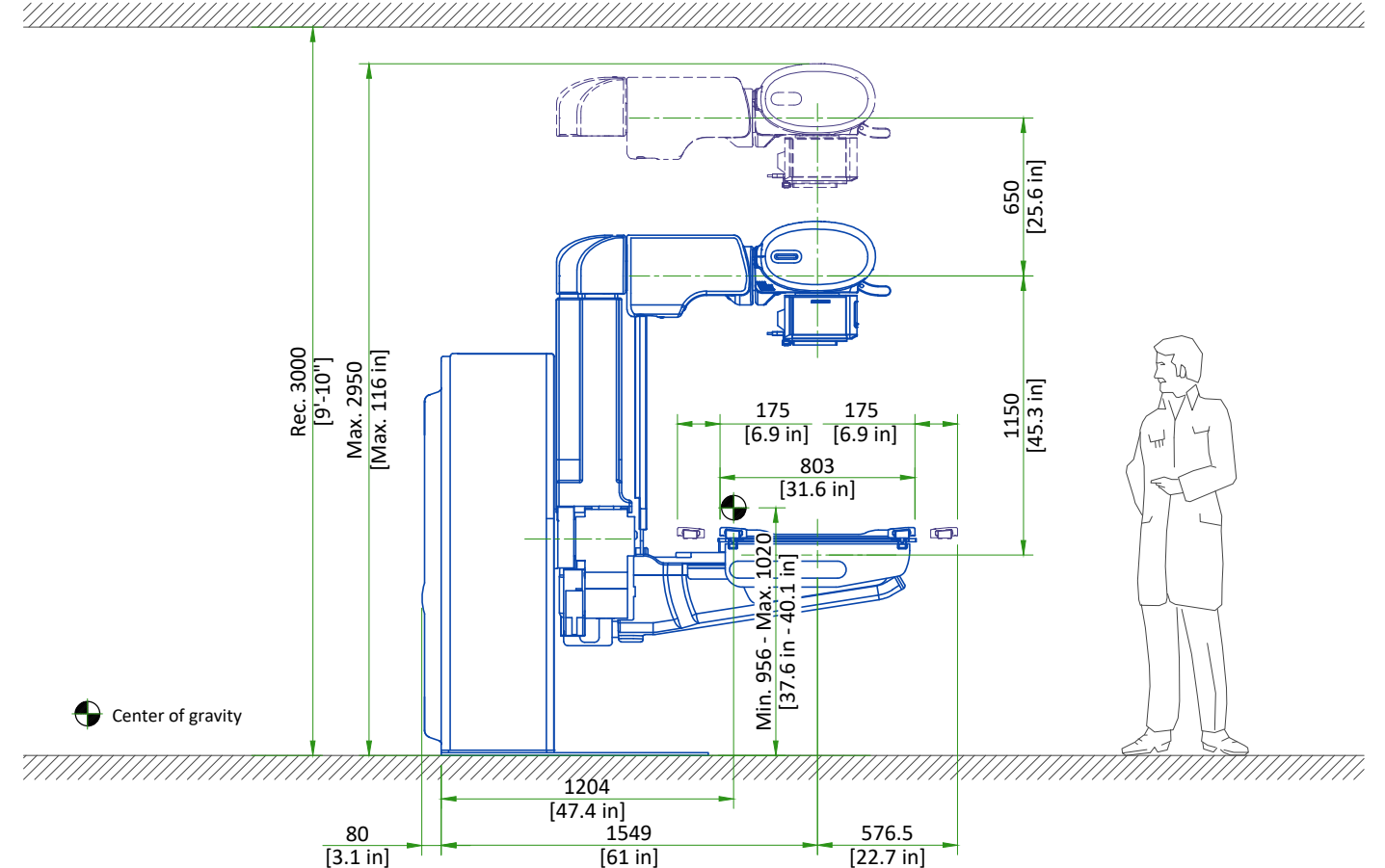
TYPICAL FRONT VIEW AND TUBE TRAVEL



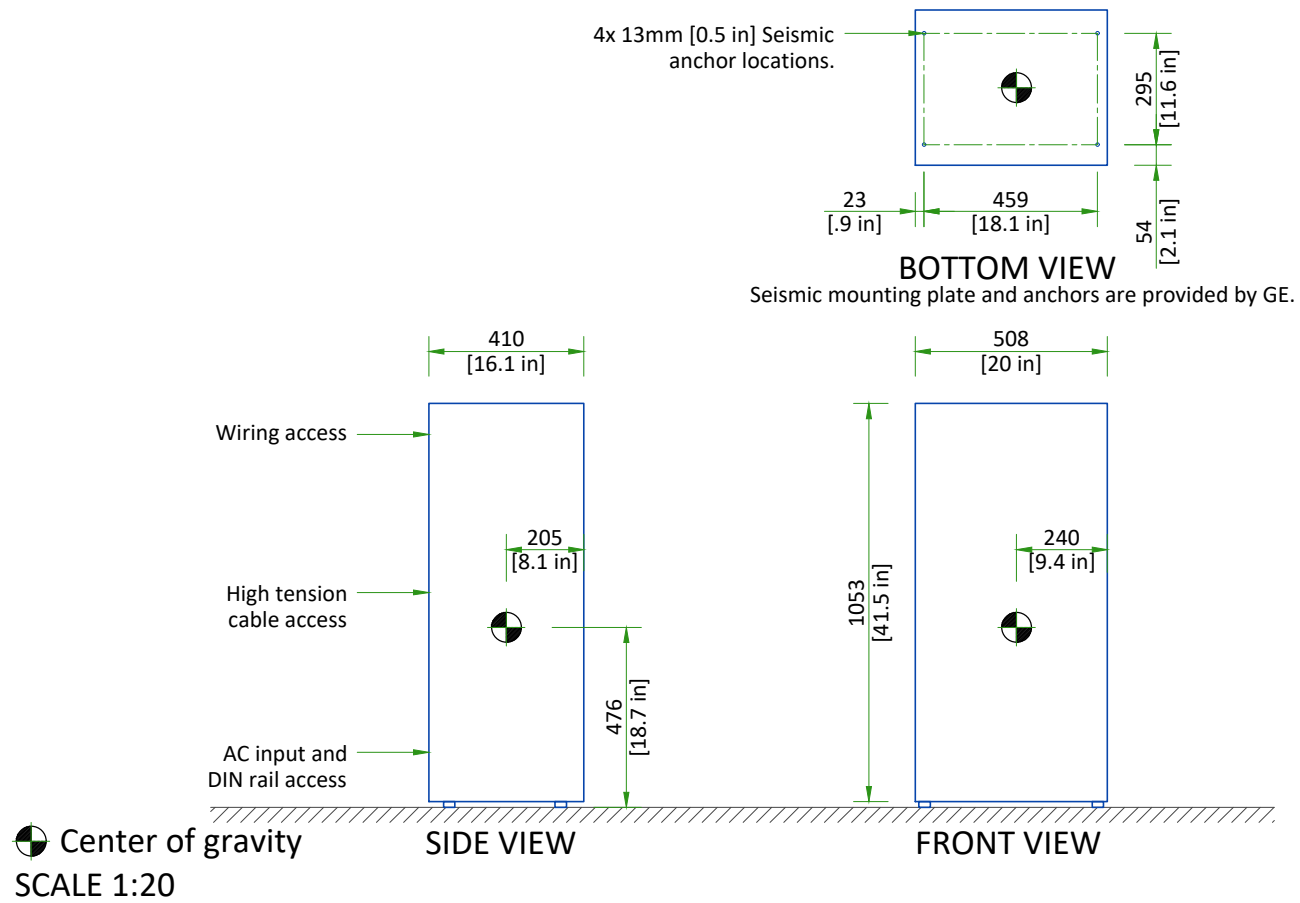
TYPICAL FRONT VIEW WITH TABLE 90°



TYPICAL SIDE VIEW



GENERATOR



DELIVERY

THE CUSTOMER/CONTRACTOR SHOULD:

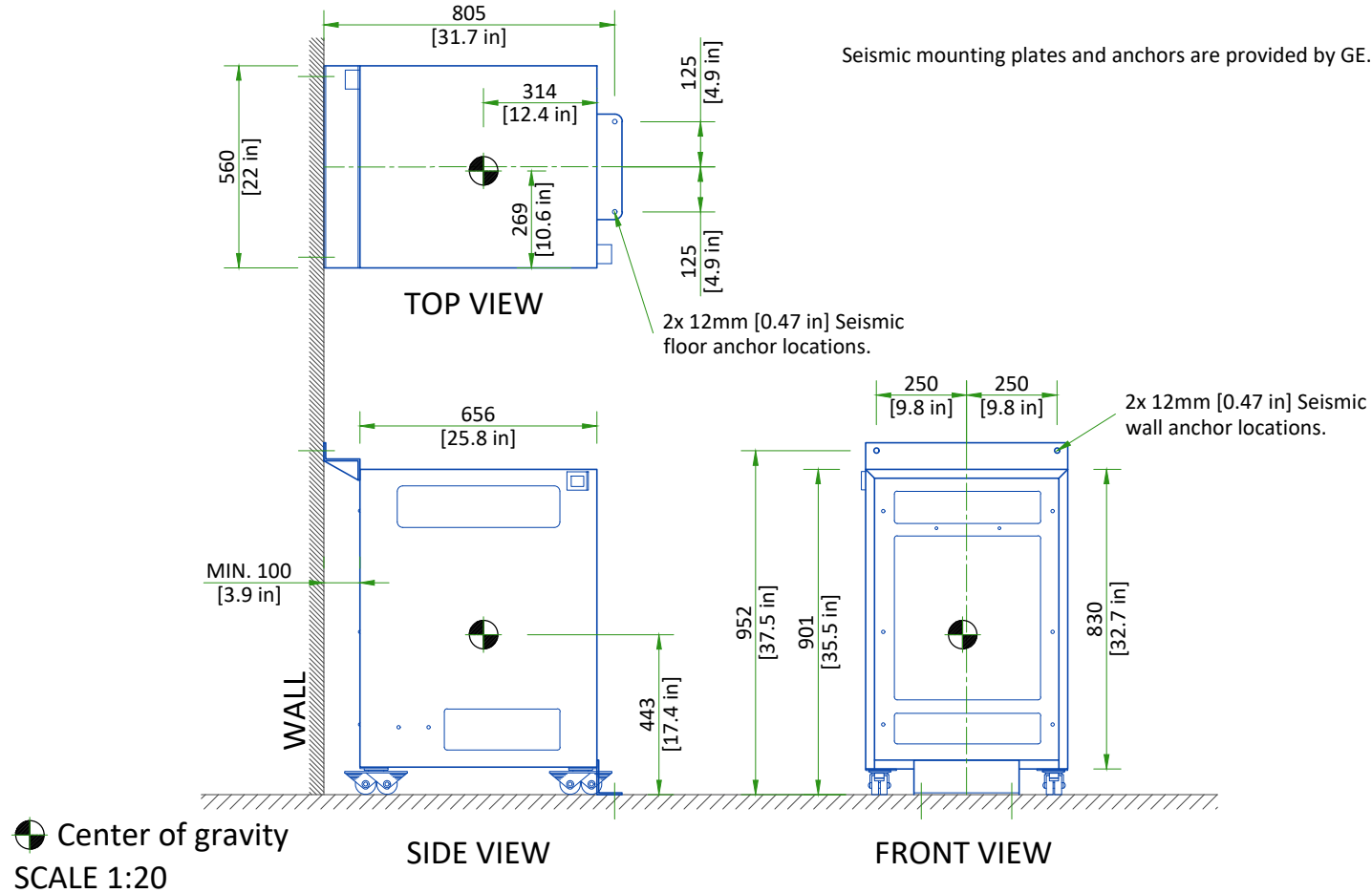
- Provide an area adjacent to the installation site for delivery and unloading of the GE equipment.
- Ensure that the dimensions of all doors, corridors, ceiling heights are sufficient to accommodate the movement of GE equipment from the delivery area into the definitive installation room.
- Ensure that access routes for equipment will accommodate the weights of the equipment and any transportation, lifting and rigging equipment.
- Ensure that all necessary arrangements for stopping and unloading on public or private property not belonging to the customer have been made.

The unit (table main frame and body) can be shipped through a 1200 mm [47 in] door width and 1200 mm [47 in] minimum hallway width. The unit can be divided and the major assemblies can be maneuvered through a 1020 mm [40 in] doorway and 1300 mm [51 in] hallway width (Order has to be placed accordingly, table is shipped in one piece by default). The OTS can be shipped through a 900 mm [35 in] door width and 2600 mm [102.4 in] minimum hallway width or through a 1400 mm [55 in] door width and 1800 mm [71 in] minimum hallway width.

DIMENSIONS OF DELIVERY WITH DOLLY TRANSPORT EQUIPMENT

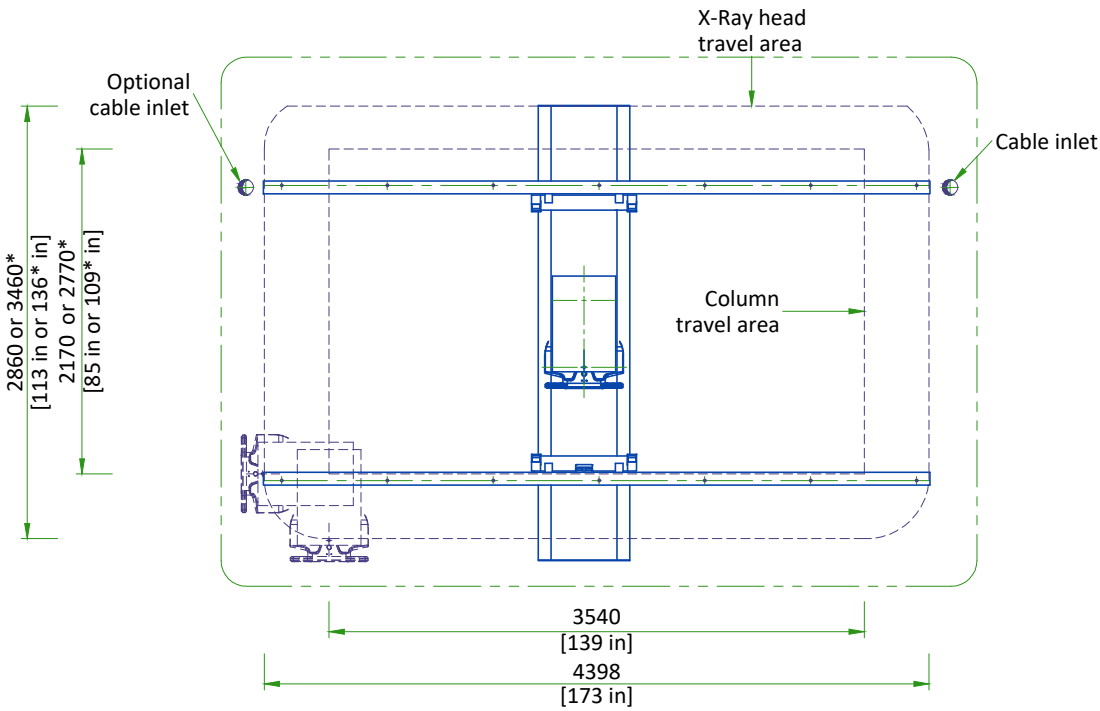
MAJOR ASSEMBLIES	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)	WEIGHT (kg)
Table main frame and body	2460 [97 in]	1064 [41.9 in]	1859 [73.2 in]	-
Table main frame	2460 [97 in]	650 [25.6]	1859 [73.2 in]	350 [772 lb]
Table body	1269 [50 in]	1005 [39.6 in]	1633 [64.3 in]	620 [1367 lb]
OTS (Optional)	3010 [118.5 in]	744.2 [29.3 in]	-	328 [723 lb]
Monitor Suspension (Optional)	3010 [118.5 in]	744.2 [29.3 in]	-	328 [723 lb]

DIGITAL SYSTEM CABINET



FOCAL SPOT TRAVEL

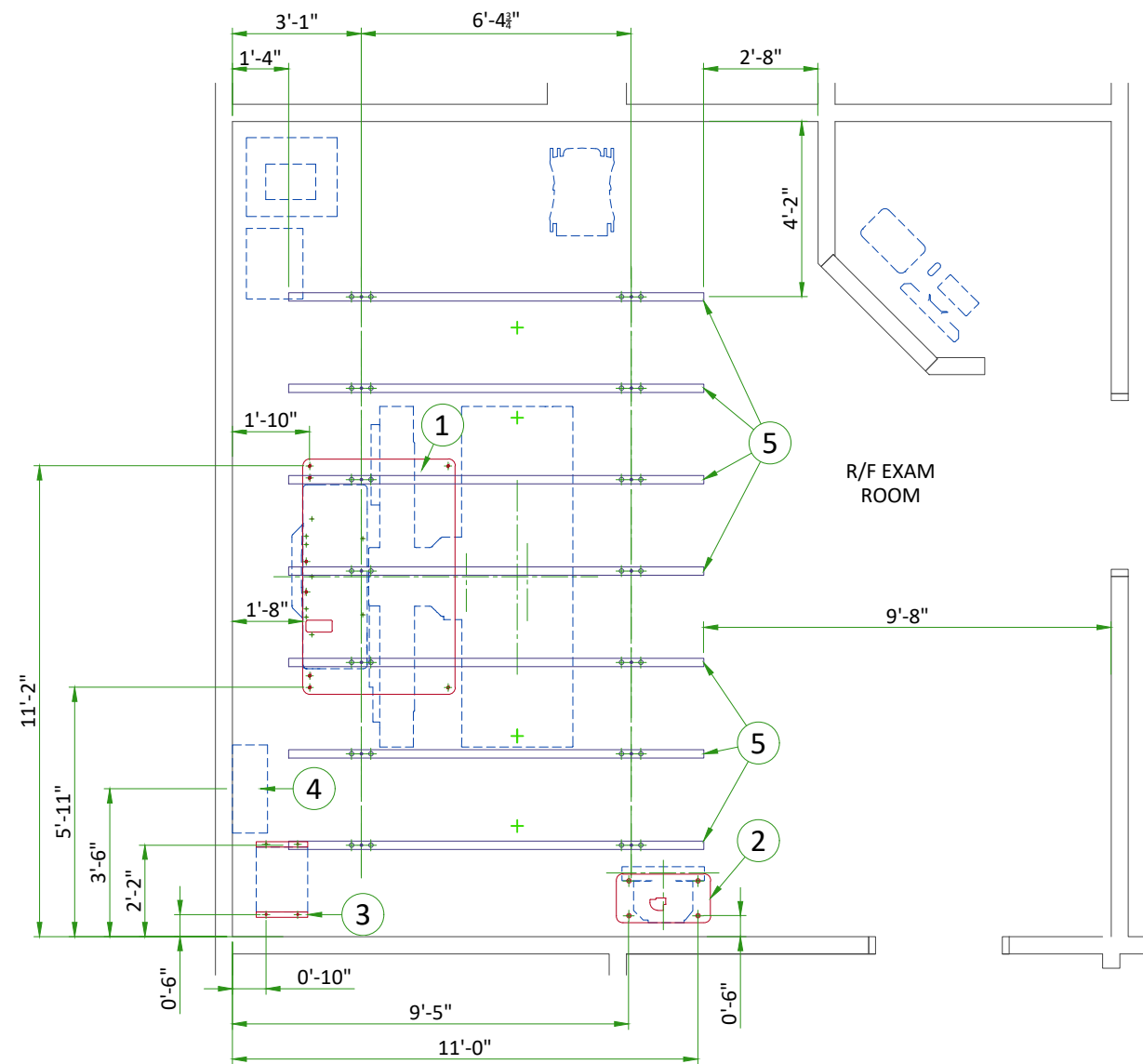
KALOS SUSPENSION



*Distance depends on bridge length

SCALE 1:50

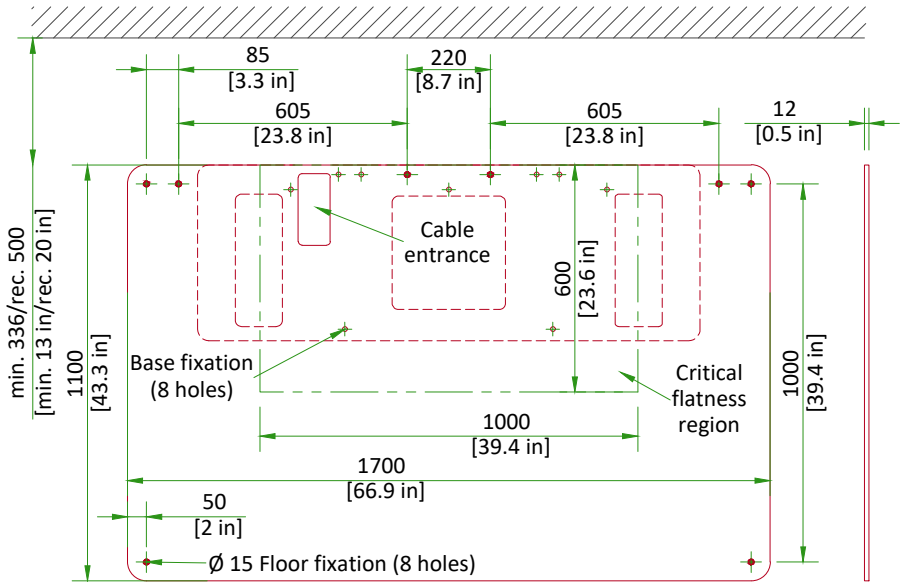
STRUCTURAL NOTES			CEILING REQUIREMENTS		
<ul style="list-style-type: none">• Methods of support for the steelwork that will permit attachment to structural steel or through bolts in concrete construction should be favored. Do not use concrete or masonry anchors in direct tension.• All units that are wall mounted or wall supported are to be provided with supports where necessary. Wall supports are to be supplied and installed by the customer or his contractors. See plan for suggested locations.• Control walls shall be constructed to minimum 2130mm (7'-0") high.• Dimensions are to finished surfaces of room.• 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 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".• Different anchor types are used to install the components of the system. Refer to Structural Requirements Section(s) of the Pre-Installation Manual for each anchor requirement.• Refer to the Structural Requirements Section for the required minimum embedment.• The ground surface must be flat and leveled, maximum tolerance for leveling is ± 1.5 mm per 1 m (0.2 in per 10 feet). A grout pad provided by the contractor is required to meet this specification. The maximum pad thickness is 6.3 mm (0.25 in).			<p>To allow installation of the stationary rail cross-members, clearance is required between the ends of the stationary rails and the walls.</p> <p>It is recommended that sprinkler heads not be placed between the stationary rails. All sprinkler heads should be mounted so they do not extend downward more than 6.35 mm from the ceiling while in the 'resting' position.</p> <p>In addition, there should not be anything mounted in the ceiling (i.e. lights, A/C returns, etc) between the stationary rails. This is because the OTS longitudinal drive belt assembly is located on the movable bridge, approximately centered between the two stationary rails, and may come into contact with those ceiling-mounted items during normal use.</p>		
Typical	DISCOVERY RF180	EN-RF-DISCOVERY RF180-WEB.DWG	Rev E Date	01/Nov/2021	S1 - Structural Notes 08/16



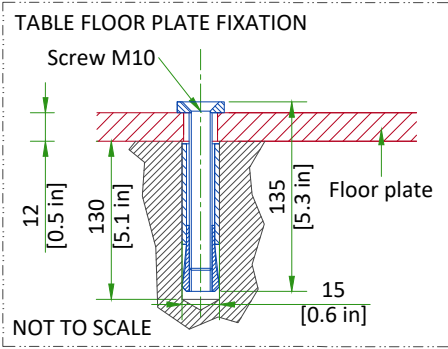
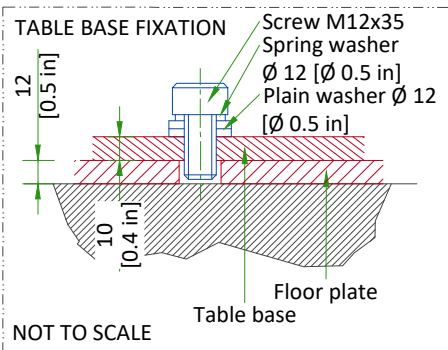
ITEM	DESCRIPTION
(GE SUPPLIED / CONTRACTOR INSTALLED)	
1	Area occupied by GE supplied table baseplate
2	Area occupied by GE supplied wall stand baseplate
3	Area occupied by GE supplied transformer
(CONTRACTOR SUPPLIED & INSTALLED)	
4	Support backing, locate as shown.
5	Structural support in ceiling for fastening ceiling supported equipment. Supports to run continuous with no fittings extending below face of channel, run wall to wall, be parallel, square, and in the same horizontal plane, flush with the finished ceiling. Rails are mounted to these supports every 26.0" (660mm) and require 452 lbs. (205 kg) per bolt load. Methods of support that permit attachment to structural steel or through bolts in concrete should be favored. Do not use screw anchors in direct tension.

TABLE FLOOR MOUNTING

OVERFLOOR PLATE



Unit weight: 1025 kg [2260 lb]
Plate weight: 180 kg [397 lb]
Total load: 1205 kg [2657 lb]
Loading area: 1.90 m² [20.5 ft²]
Floor loading: 805kg / m² [165 lb / ft²]

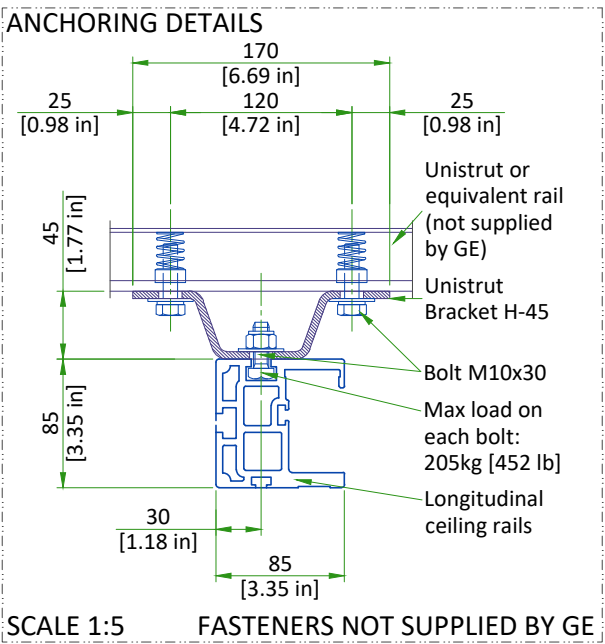
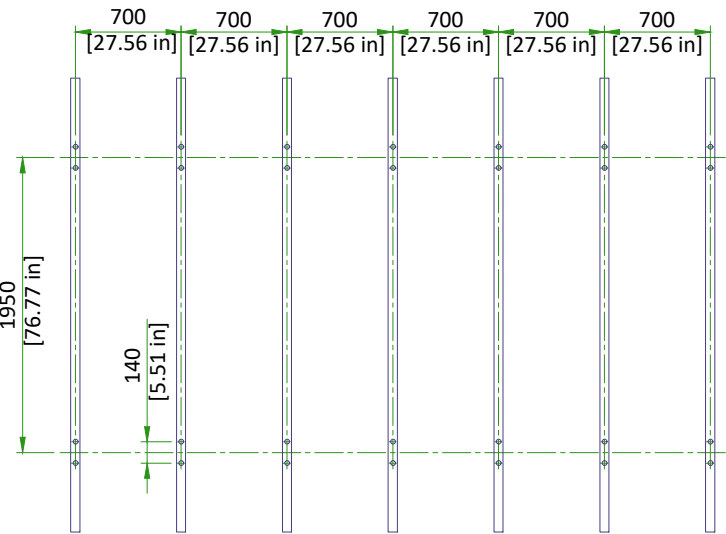


- Floor plate, M10 screws and washers are delivered with the system.
- The floor thickness must be at least 200 mm [7.9 in].
- Critical flatness region must be flat and level, with deviations of no more than 1.5mm [1/16 in]
 - shims may be used along perimeter of baseplate to improve surface contact

SCALE 1:20

SUSPENSION RAILS MOUNTING SPECIFICATIONS

STRUCTURAL RAILS PERPENDICULAR TO SUSPENSION RAILS

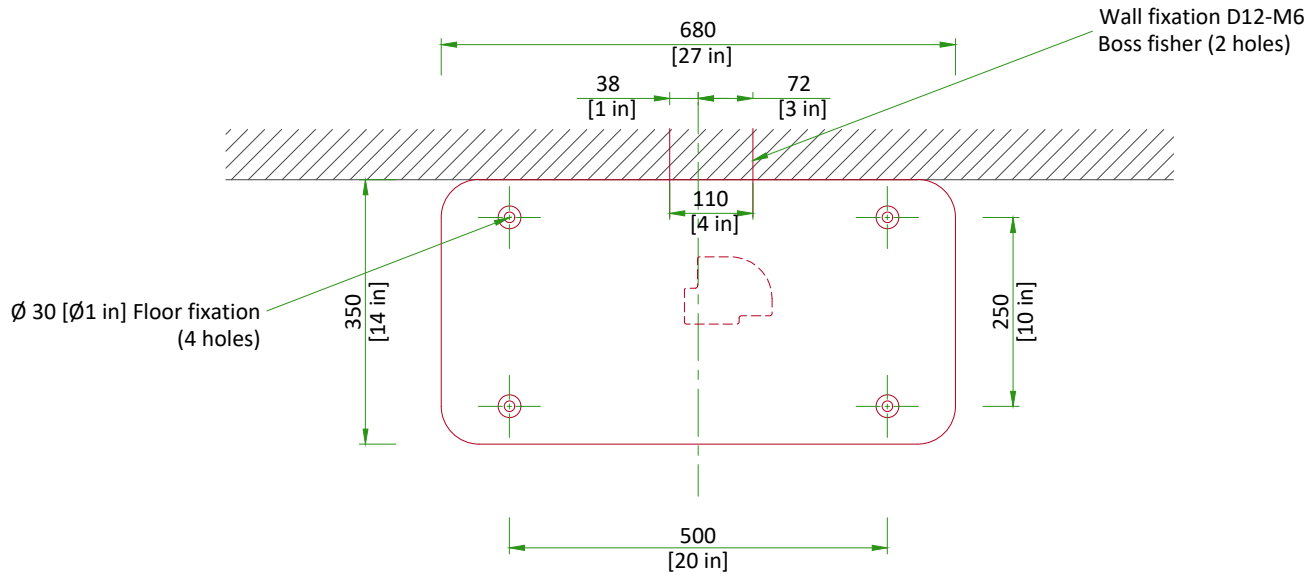


- Rail extremities must be separated from the wall by a 150mm [6in] distance
- Fire sprinklers, lights, air conditioning returns located in the suspension area must not be below the false ceiling
- Unistrut or equivalent structural support must be fixed perfectly parallel and on the same plane
- 660mm [26 in] steps are also possible

SCALE 1:50

WALL STAND FLOOR MOUNTING

WALL STAND BASE PLATE



SCALE 1:10

TEMPERATURE AND HUMIDITY SPECIFICATIONS

IN-USE CONDITIONS

	EXAM ROOM			CONTROL ROOM		
	Min	Recommended	Max	Min	Recommended	Max
Temperature	15°C [59°F]	23°C [73°F]	35°C [95°F]	15°C [59°F]	23°C [73°F]	35°C [95°F]
Relative humidity (1)	75%			75%		
Heat dissipation	max 2.5 kW [8490 BTU/hr]			0.41 kW [1399 BTU/hr]		

STORAGE CONDITIONS

Temperature	-10°C [14°F] to 50°C [122°F]
Relative humidity (1)	10% to 80%

Material should not be stored for more than 90 days.
(1) non-condensing

AIR RENEWAL

According to local standards.

NOTE

In case of using air conditioning systems that have a risk of water leakage it is recommended not to install it above electric equipment or to take measures to protect the equipment from dropping water.

HEAT DISSIPATION DETAILS

ROOM	DESCRIPTION	STANDBY (kW)	IN-USE (kW)	STANDBY (BTU/hr)	IN-USE (BTU/hr)
Exam Room	Table	0.700	0.700	2388	2388
	Generator	0.022	1.026	75	3500
	Digital Systems Cabinet	0.320	0.320	1092	1092
	Partial UPS	0.050	0.050	N/A	N/A
	Monitor (single)	0.057	0.057	149	149
	Advantech Monitor (single)	0.065	0.065	222	222
	OTS	0.350	0.350	1190	1190

CONNECTIVITY REQUIREMENTS

All Digital systems are equipped with Broadband fast Ethernet hardware for Service Diagnostics. The systems equipped with Digital Imaging are capable of placing electronic images on the Hospital image Ethernet Network (DICOM).

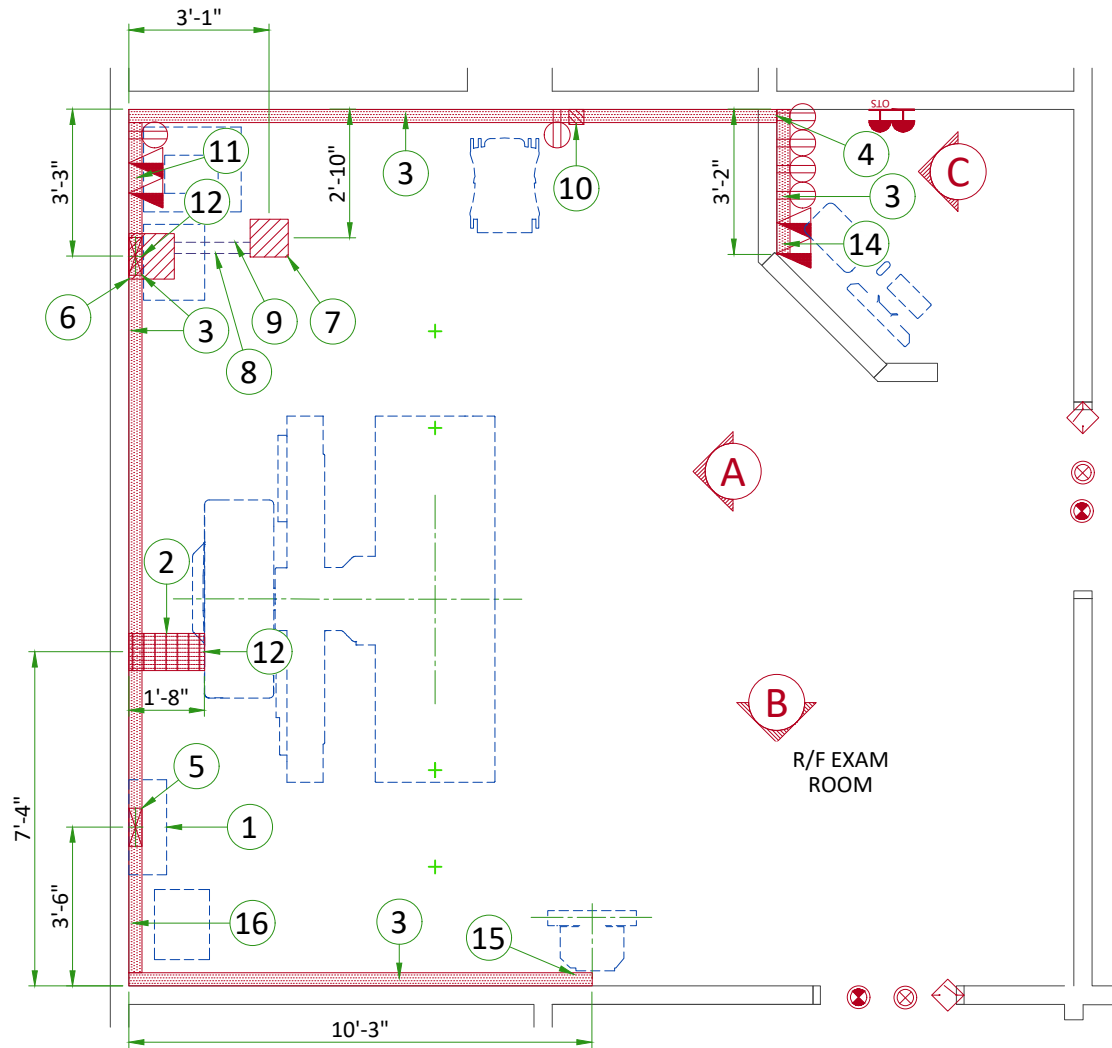
The Digital PC (part of the Digital subsystem) is the connectivity point between the system and the hospital. For a Broadband connection, it is the purchaser's responsibility to provide the connection at the Ethernet port on the Digital PC via a Cat 5 Ethernet cable and the hospital Ethernet connection.

Note: System hardware is rated at 100/1000Mbps transfer rate. Hospital connections must be rated for 100/1000Mbps for optimal performance. One RJ45 Ethernet plus should be present in the room.

ELECTRICAL NOTES

- 1. All wires specified shall be copper stranded, flexible, thermo-plastic, color coded, cut 10 foot long at outlet boxes, duct termination points or stubbed conduit ends. All conductors, power, signal and ground, must be run in a conduit or duct system. Electrical contractor shall ring out and tag all wires at both ends. Wire runs must be continuous copper stranded and free from splices.
 - 1.1. Aluminum or solid wires are not allowed.
- 2. Wire sizes given are for use of equipment. Larger sizes may be required by local codes.
- 3. It is recommended that all wires be color coded, as required in accordance with national and local electrical codes.
- 4. Conduit sizes shall be verified by the architect, electrical engineer or contractor, in accordance with local or national codes.
- 5. Convenience outlets are not illustrated. Their number and location are to be specified by others. Locate at least one convenience outlet close to the system control, the power distribution unit and one on each wall of the procedure room. Use hospital approved outlet or equivalent.
- 6. General room illumination is not illustrated. Caution should be taken to avoid excessive heat from overhead spotlights. Damage can occur to ceiling mounting components and wiring if high wattage bulbs are used. Recommend low wattage bulbs no higher than 75 watts and use dimmer controls (except MR). Do not mount lights directly above areas where ceiling mounted accessories will be parked.
- 7. Routing of cable ductwork, conduits, etc., must run direct as possible otherwise may result in the need for greater than standard cable lengths (refer to the interconnection diagram for maximum usable lengths point to point).
- 8. Conduit turns to have large, sweeping bends with minimum radius in accordance with national and local electrical codes.
- 9. A special grounding system is required in all procedure rooms by some national and local codes. It is recommended in areas where patients might be examined or treated under present, future, or emergency conditions. Consult the governing electrical code and confer with appropriate customer administrative personnel to determine the areas requiring this type of grounding system.
- 10. The maximum point to point distances illustrated on this drawing must not be exceeded.
- 11. Physical connection of primary power to GE equipment is to be made by customers electrical contractor with the supervision of a GE representative. The GE representative would be required to identify the physical connection location, and insure proper handling of GE equipment.
- 12. GEHC conducts power audits to verify quality of power being delivered to the system. The customer's electrical contractor is required to be available to support this activity.

- All junction boxes, conduit, duct, duct dividers, switches, circuit breakers, cable tray, etc., are to be supplied and installed by customers electrical contractor.
- Conduit and duct runs shall have sweep radius bends
- Conduits and duct above ceiling or below finished floor must be installed as near to ceiling or floor as possible to reduce run length.
- Ceiling mounted junction boxes illustrated on this plan must be installed flush with finished ceiling.
- All ductwork must meet the following requirements:
 - 1.Ductwork shall be metal with dividers and have removable, accessible covers.
 - 2.Ductwork shall be certified/rated for electrical power purposes.
 - 3.Ductwork shall be electrically and mechanically bonded together in an approved manner.
 - 4.PVC as a substitute must be used in accordance with all local and national codes.
- All openings in raceway and access flooring are to be cut out and finished off with grommet material by the customers contractor.
- General contractor to insert pull cords for all cable run conduits between the equipment room and the operators control room.
- 10 foot pigtails at all junction points.
- Grounding is critical to equipment function and patient safety. Site must conform to wiring specifications shown on this plan.



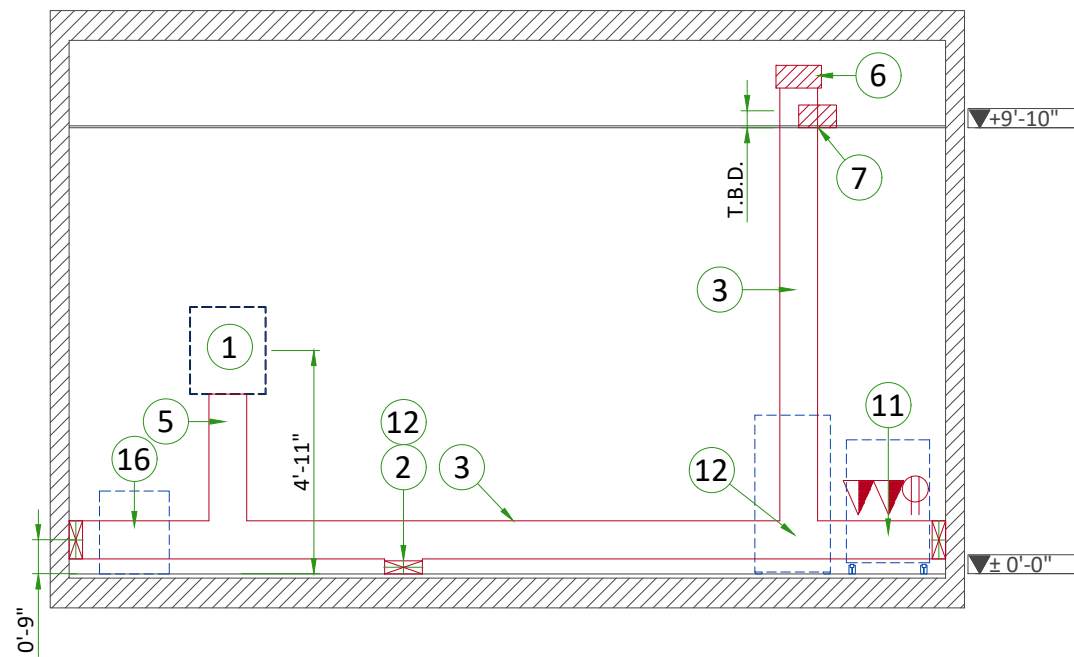
ELECTRCAL LAYOUT ITEM LIST

1	Power Distribution Box
2	10" x 3 1/2" [250mm x 100mm] Surface floor duct with minimum 2 dividers
3	10" x 3 1/2" [250mm x 100mm] Surface wall duct with minimum 2 dividers
4	10" x 3 1/2" [250mm x 100mm] duct thru wall with minimum 2 dividers
5	10" x 3 1/2" [250mm x 100mm] Surface wall duct to bottom of PDU with minimum 2 dividers
6	Box above ceiling - size per local code
7	Box flush in ceiling - size per local code (OTS)
8	2 1/2" [64] Conduit above ceiling
9	3 1/2" [89] Conduit above ceiling
10	Box attached to duct (TIMS Readiness Kit)
11	Grommited opening in duct cover (Digital Systems Cabinet)
12	Grommited opening in duct cover (Generator Cabinet)
13	Grommited opening in duct cover (Table)
14	Grommited opening in duct cover (Console)
15	Grommited opening in duct cover (Wall Stand)
16	Grommited opening in duct cover (Transformer)

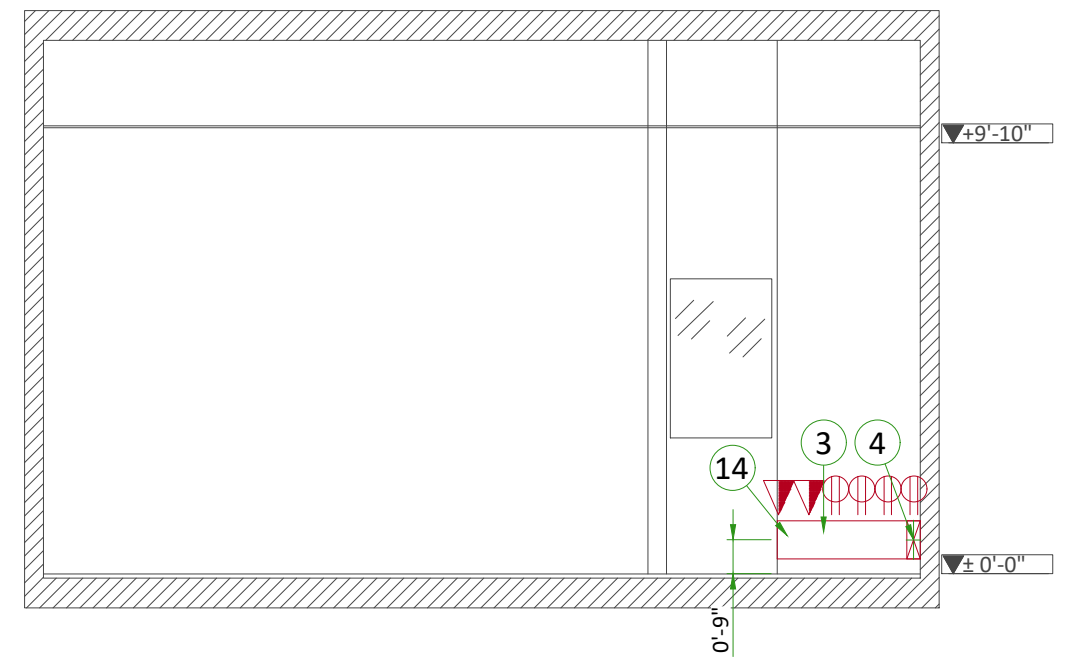
ITEM	QTY	Outlet Legend for GE Equipment
		System emergency off (SEO), (recommended height 1.2m [48"] above floor)
		X-Ray room warning light control panel
		X-Ray ON lamp (L1) - 24V
		Door interlock switch (needed only if required by state/local codes)
		Duplex hospital grade, dedicated wall outlet 120-v, single phase power
		Network outlet
		OTS on/off switch, (recommended height 1.2m [48"] above floor)

Additional Conduit Runs
(Contractor Supplied and Installed)

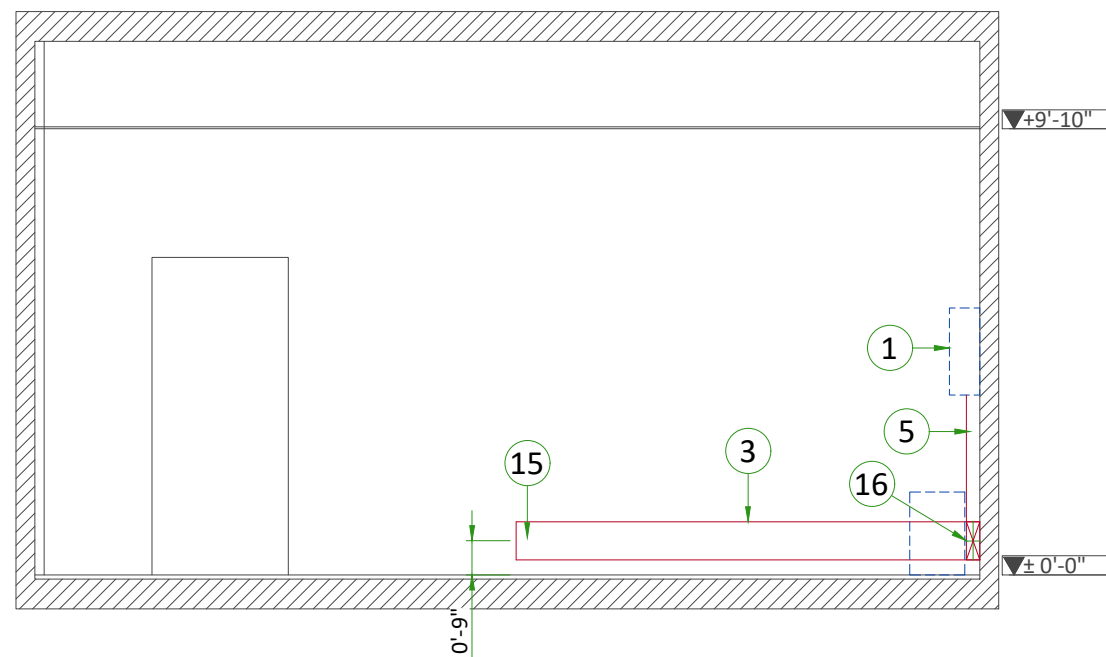
From (Bubble # / Item)	To (Bubble # / Item)	Qty	Size	
			In.	mm
3 phase power	1 Power Distribution Box	1	As req'd	As req'd
16 Transformer		1	As req'd	As req'd
1 Power Distribution Box	Emergency off	1	1/2	16
	OTS On/off switch	1	1/2	16
	6 Generator	1	As req'd	As req'd
	6 Transformer	1	As req'd	As req'd
Warning light	Warning light control	1	1/2	16
1 phase power		1	As req'd	As req'd
6 Generator		1	1/2	16
	Door Switch	1	1/2	16



A



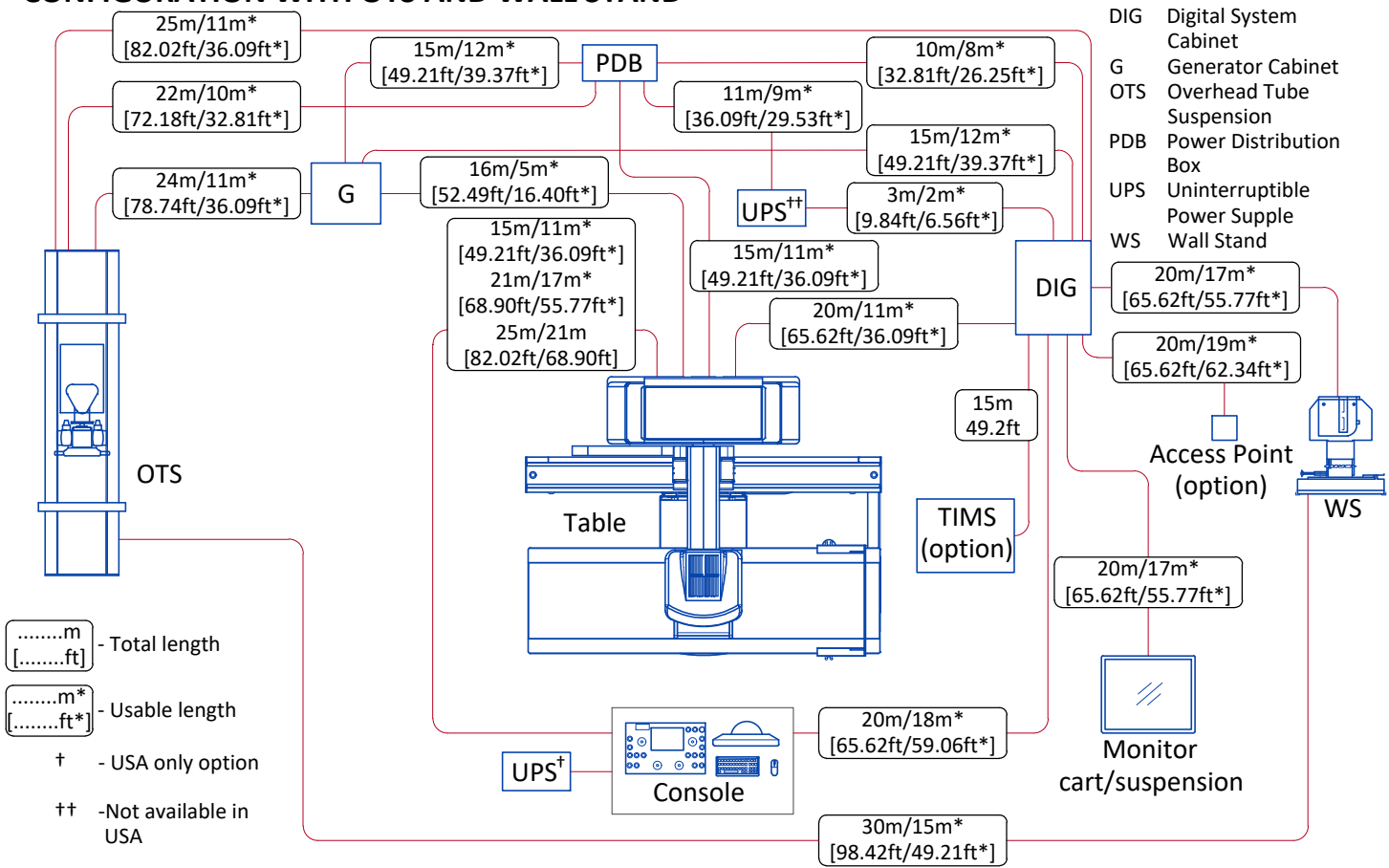
C



B

INTERCONNECTION

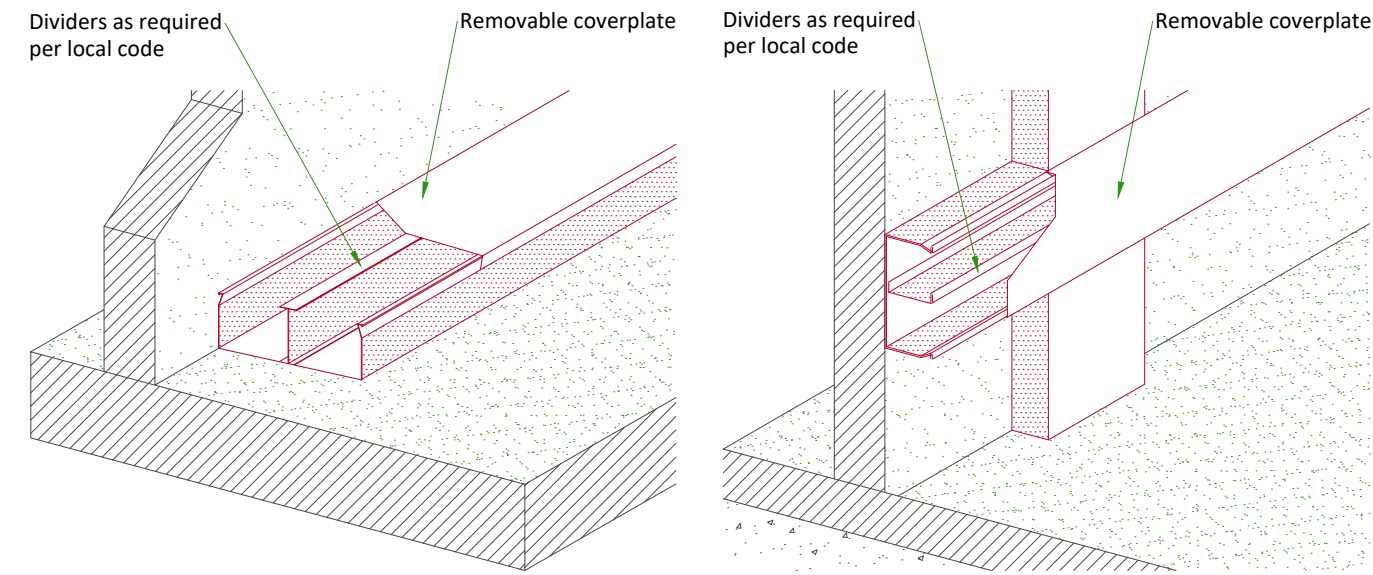
CONFIGURATION WITH OTS AND WALL STAND



TYPICAL CABLE MANAGEMENT

DUCT ON THE FLOOR

WALL DUCT



NOT TO SCALE

GENERATOR TYPE	65 kW	80 kW
POWER SUPPLY	3 PHASES+N+G 480V ±10%	
MAINS FREQUENCY	50/60 Hz ± 2%	
LINE INPUT REACTIVE POWER (PEAK)	95 kVA	115 kVA
LINE INPUT ACTIVE POWER	65 kW	80 kW

- Protecting cables against water (cableways should be waterproof)
- Protecting cables against abnormal temperatures (proximity to heating pipes or ducts)
- Protecting cables against temperature shocks
- Replacing cables (cableways should be large enough for cables to be replaced)
- Metal cableways should be grounded.

- (1) Dry contact: "X-Ray ON", released by the system.
Max. voltage = 30 V
- (2) H07RN-F cable with 6.56 ft (2m) extra length on the floor behind the back of generator cabinet (only if required per local requirements)
- (3) Max lug size 8 AWG
- (4) Fourth wire only needed with UPS option for USA

16/16