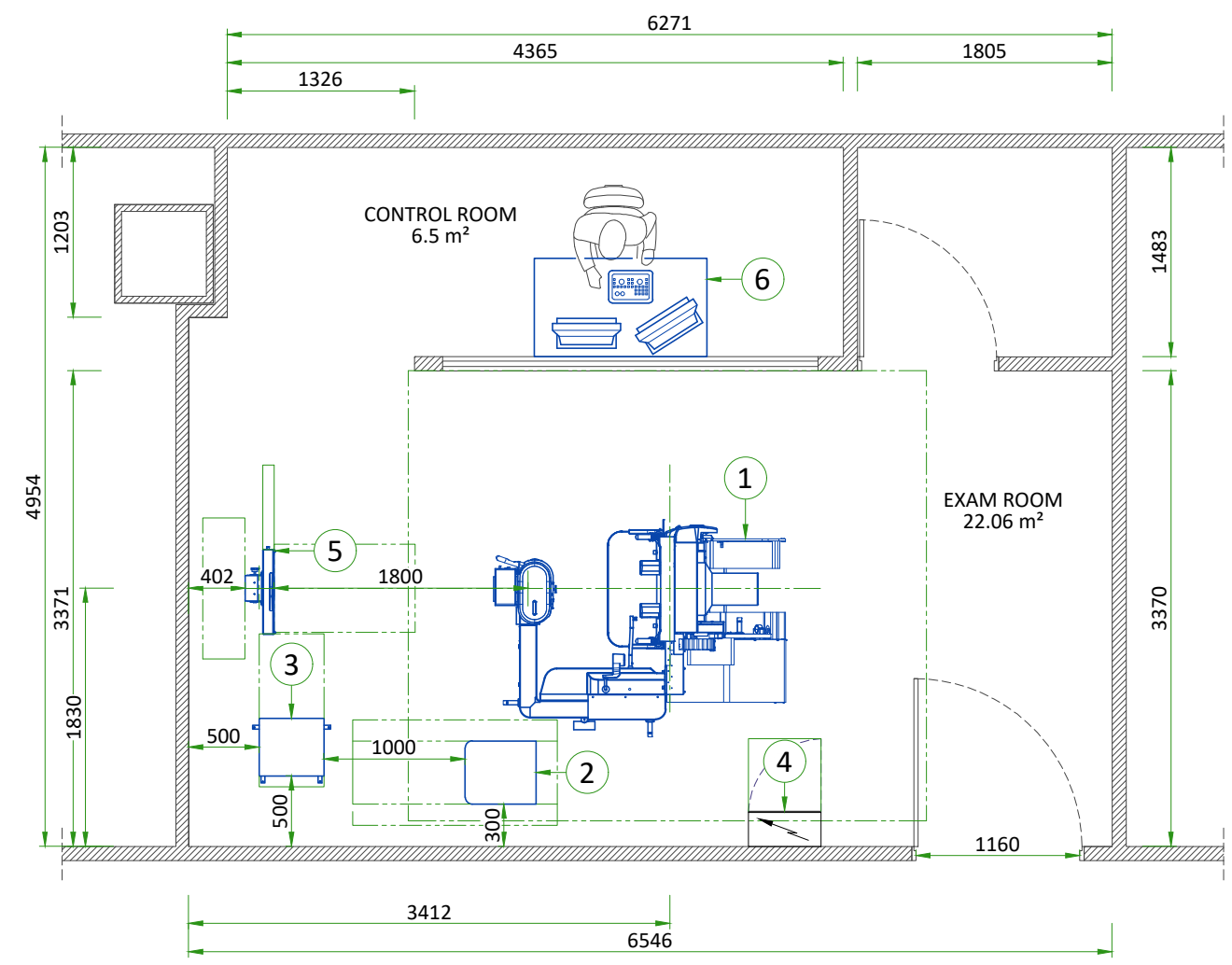




			<div>SITE NAME</div> <div>CITY</div> <div>COUNTRY</div>					
REV	DATE	MODIFICATIONS						
01 - Cover Sheet 02 - Equipment Layout 03 - Floor - Electrical Layout 04 - Floor Structural Details - Interconnections 05 - Power Requirements 06 - HVAC - Delivery - Table views 07 - Disclaimer - Site Readiness			<div> GE Healthcare</div> <div>GE CONTACT NAME</div> <div>PHONE NUMBER</div> <div>EMAIL ADDRESS</div>					
<div>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.</div> <div>Pre Installation documents for GE Healthcare products can be accessed on the web at: www.gehealthcare.com/siteplanning</div> <div>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.</div>			<div>PRECISION THUNIS 800+</div> <div>TYPICAL STUDY</div>					
			Drawn by	Verified by	Concession	S.O. (GON)	PIM Manual	Rev
			-	-	-	-	5442442-1EN	6
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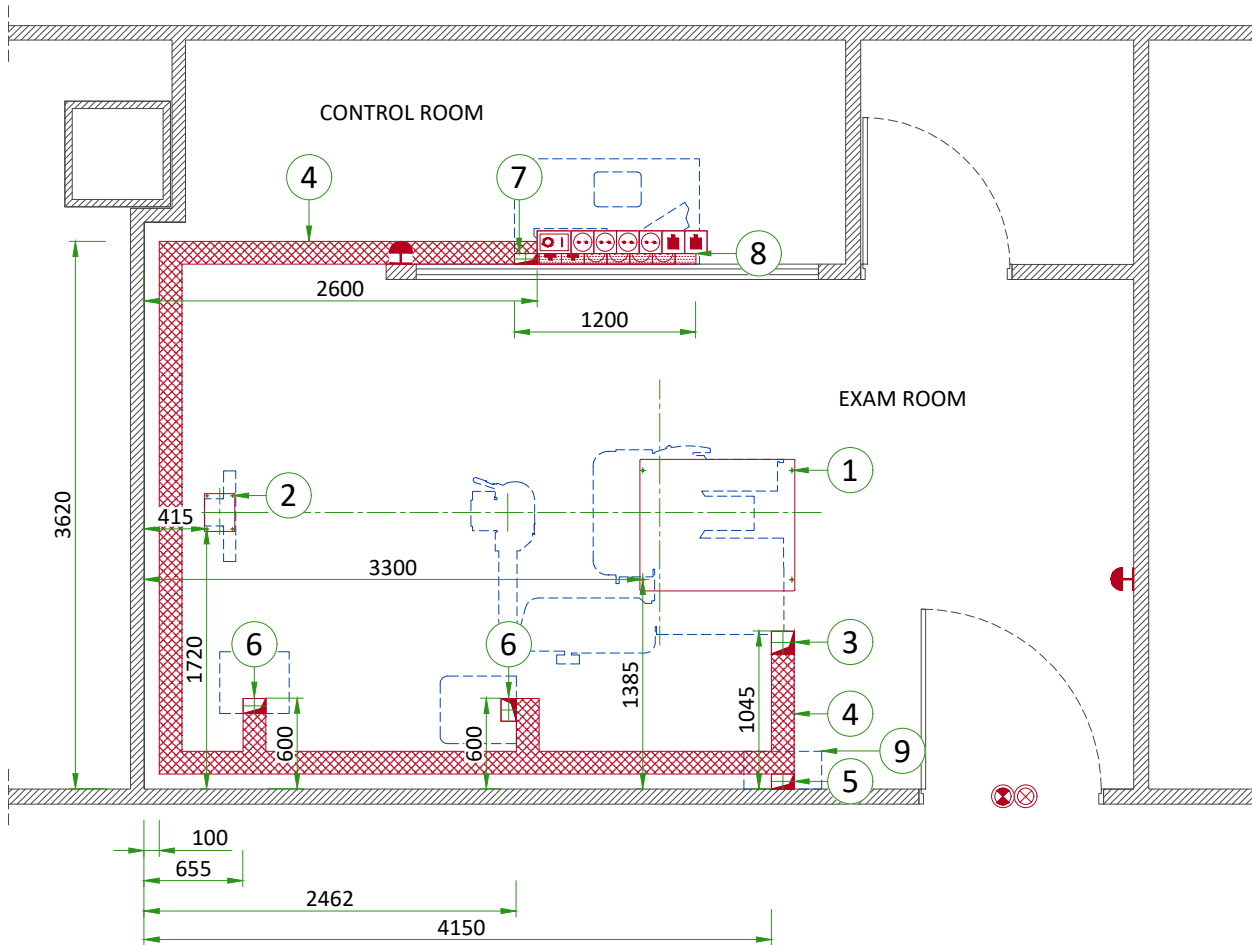


EQUIPMENT LAYOUT

ITEM	DESCRIPTION	DIMENSIONS LxWxH (mm)	WEIGHT (kg)
1	TABLE	2000x1591x2847	816
2	POWER DISTRIBUTION UNIT (PDU)	448x503x696	-
3	GENERATOR CABINET	459x484x1237	164
4	POWER DISTRIBUTION BOX (PDB) (NOT SUPPLIED BY GE)	-	-
5	WALL STAND	625x200x1829	75
6	OPERATOR CONSOLE	1285x750x780	-

WALL - ACCORDING TO RECEIVED DRAWING

EXAM ROOM HEIGHT	
FINISHED FLOOR TO SLAB HEIGHT	-
FALSE CEILING HEIGHT	Min 3.00 m

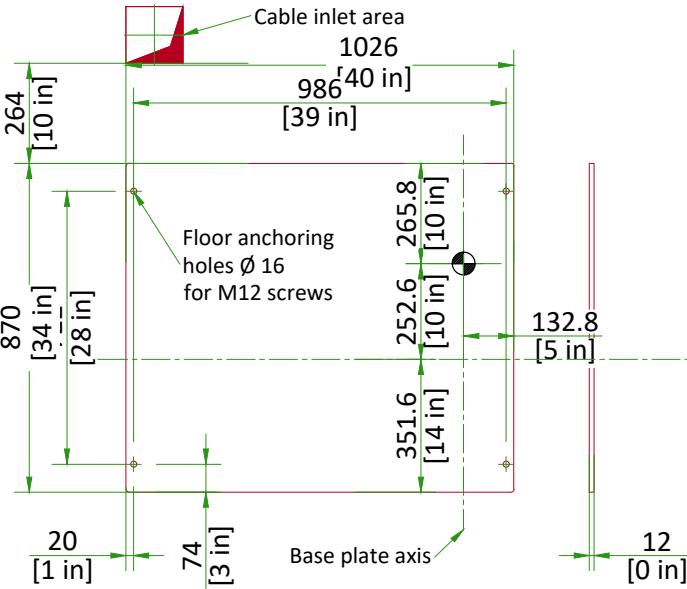


FLOOR - ELECTRICAL LAYOUT

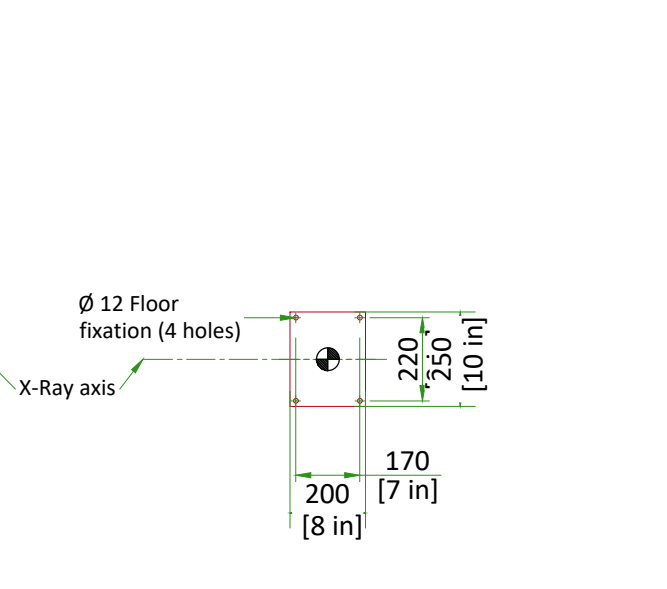
ITEM	QTY	DESCRIPTION
1		Table anchoring (see Structural Details)
2		Wall Stand anchoring (see Floor Structural Details)
3		150x150 cable inlet on the floor
4		150x70 flush floor duct
5		150x100 opening in the floor and vertical duct for PDB cabling (h = 1.1m)
6		150x100 cable inlet on the floor
7		150x70 cable inlet on the floor and vertical wall duct to h=0.7 m
8		150x70 horizontal wall duct at h=0.7 m
9		Power Distribution Box (PDB)
Basic system		
	4	Electrical outlet 10/16A 230V + G
	2	RJ 45 network socket
	1	System remote control (Y), locked when power OFF "ON" and "OFF" impulse buttons with indicator lamps red=ON / green=OFF located at 1.50m above floor
	2	System emergency off (SEO), (recommended height 1.50m-1.85m above floor)
	1	System ON light (L) - 24V
	1	X-Ray ON lamp (L1) - 24V
		Flush floor duct
		Wall duct

FLOOR MOUNTING

TABLE BASE



WALL STAND BASE



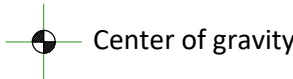
FLOOR LOADING

Table: 914 kg / m²
Generator: 875.7 kg / m²
Wall Stand: 1500 kg / m²

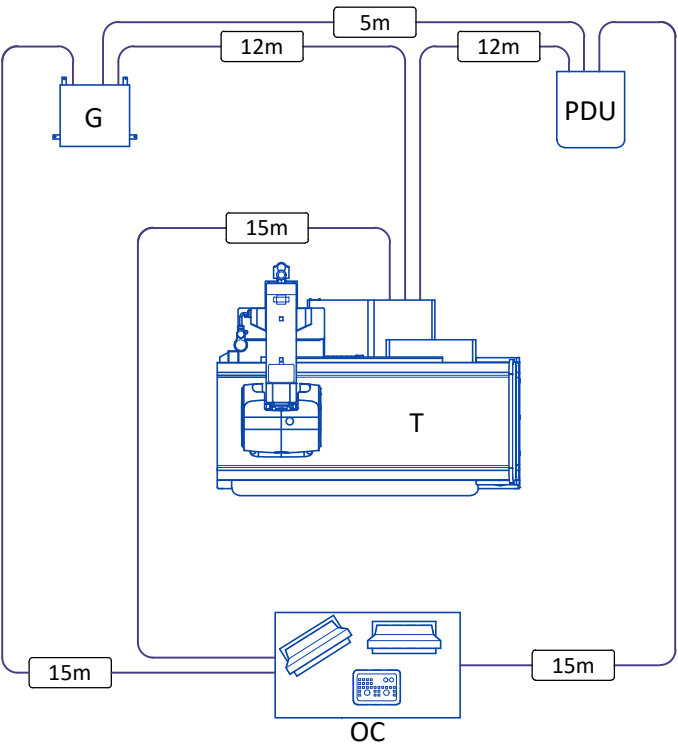
Anchors are supplied by GE.

FLOOR FLATNESS REQUIREMENTS

Before placing the base plate, the floor must be within 1 mm of flat across the entire plate. The maximum height difference across any two points on the floor under base plate cannot exceed 1 mm.



INTERCONNECTIONS

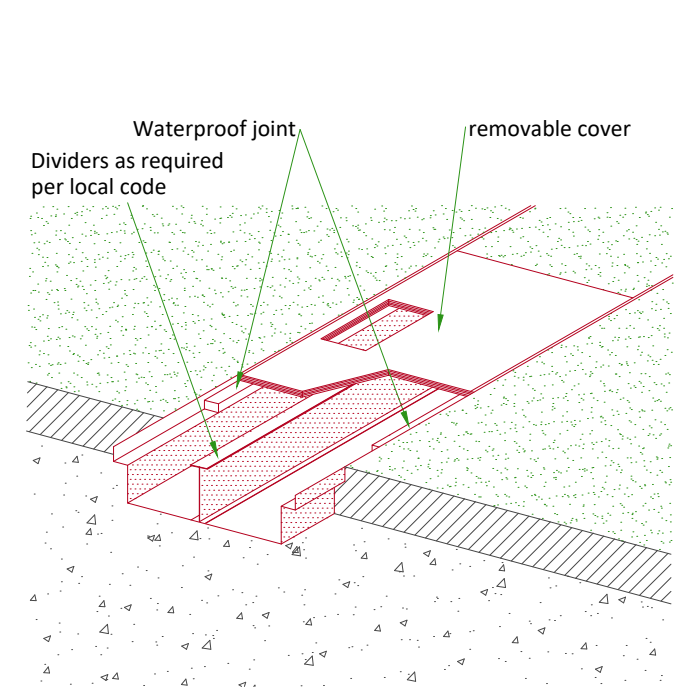


PDU Power Distribution Unit
T Table
G Generator Cabinet
OC Operator Console

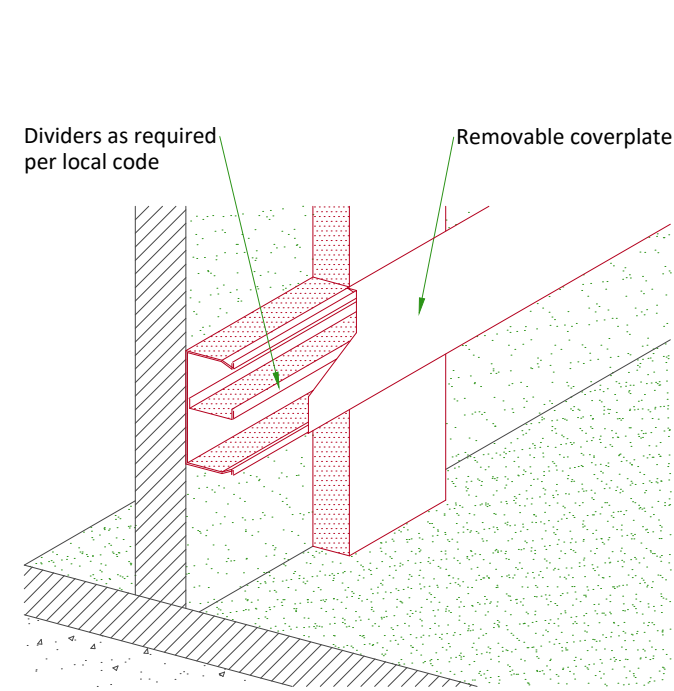
.....m - Usable length

TYPICAL CABLE MANAGEMENT

FLUSH FLOOR DUCT



WALL DUCT



NOT TO SCALE

POWER REQUIREMENTS

POWER SUPPLY	3 PHASES+N+G 400 V ± 10%
FREQUENCIES	50/60 Hz ± 3 Hz
MAXIMUM INPUT POWER (0.1 sec MAX)	85 kVA
AVERAGE (CONTINUOUS) POWER	35 kVA
LINE IMPEDANCE PER WIRE	0.13 Ohm / 400 V

- Line supply should come into a power distribution box (PDB) containing the protective units and controls.
- The section of the supply cable should be calculated in accordance with its length and the maximum permissible voltage drops.
- There must be discrimination between supply cable protective device at the beginning of the installation (main low-voltage transformer side) and the protective devices in the PDB.

SUPPLY CHARACTERISTICS

- Power input must be separated from any others which may generate transients (elevators, air conditioning, radiology rooms equipped with high speed film changers...)
- All equipment (lighting, power outlets, etc...) installed with GE system components must be powered separately.

GROUND SYSTEM

- Equipotential: the equipotential link will be by means of an equipotential bar. This equipotential bar should be connected to the protective earth conductors in the ducts of the non GE cableways and to additional equipotential connections linking up all the conducting units in the rooms where GE units are located.

CABLES

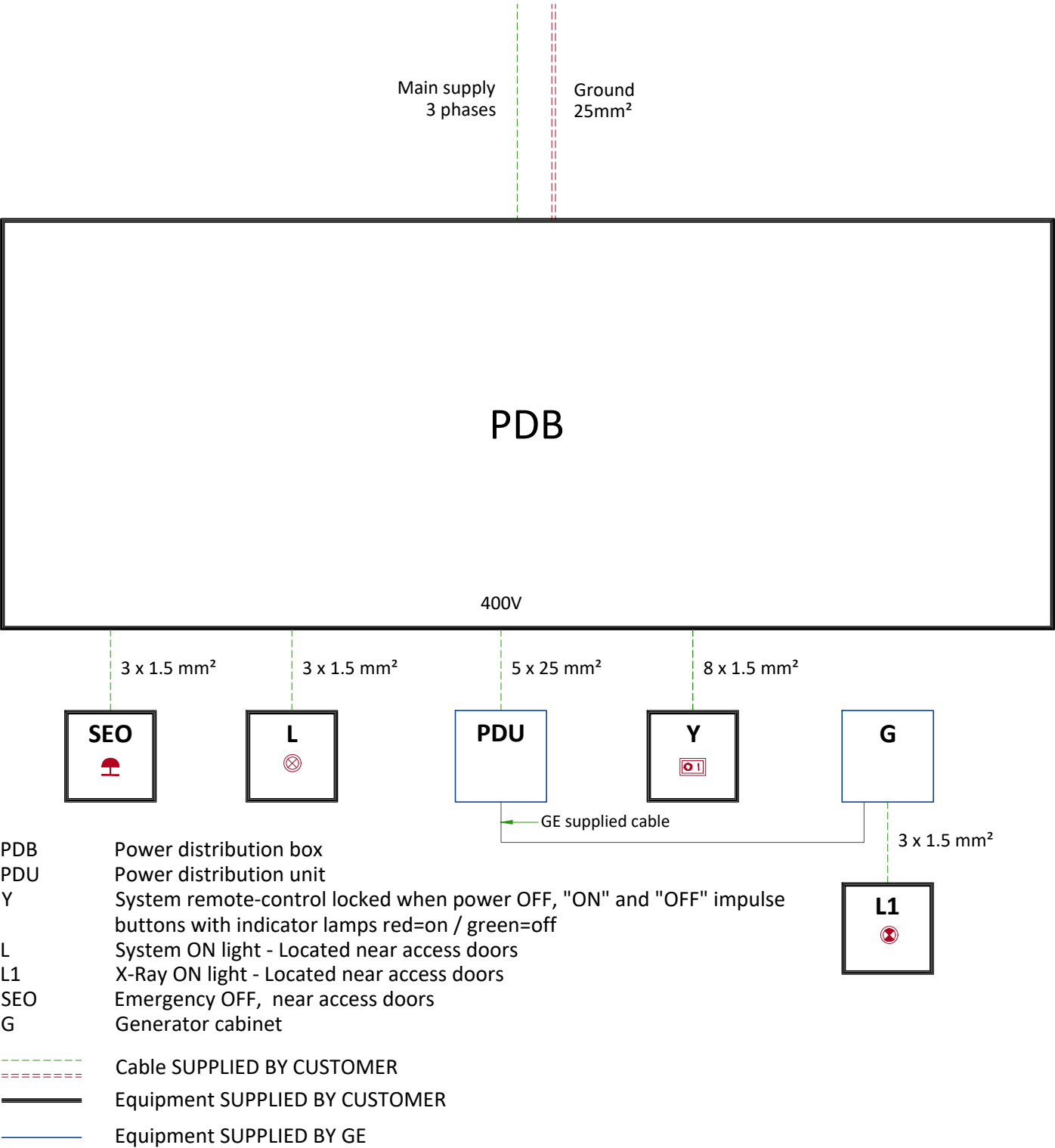
- Power and cable installation must comply with the distribution diagram below.
- All cables must be isolated and flexible, cable color codes must comply with standards for electrical installation.
- Case PDB furnished by GE: The cables for signals and remote control (Y, SEO, L...) will go to PDB with a pigtail length of 1.5m, and will be connected during installation. Each conductor will be identified and isolated (screw connector).

CABLEWAYS

The general rules for laying cableways should meet the conditions laid down in current standards and regulations, with regard to:

- 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.

POWER DISTRIBUTION



TEMPERATURE AND HUMIDITY SPECIFICATIONS

IN-USE CONDITIONS

	EXAM ROOM		CONTROL ROOM	
	Min	Max	Min	Max
Temperature	10°C	35°C	10°C	35°C
Relative humidity (1)	30 % to 75 %		30 % to 75 %	
Heat dissipation	Stand-by	In use	Stand-by	In use
	0.132 kW	2.367 kW	0.4 kW	0.455 kW

STORAGE CONDITIONS

Temperature	-10°C to 55°C
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.

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.

SHIPPING DIMENSIONS AND WEIGHTS IN BOXES

Equipment	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)	WEIGHT (kg)
Table top and base	2300	1100	1400	700
Tube stand	1410	900	1020	214
Generator	600	600	1700	163
Operator console	1350	800	1250	135
Accessories	1400	1400	1600	334

TABLE FRONT VIEW

MOVEMENT -15° AND +90°

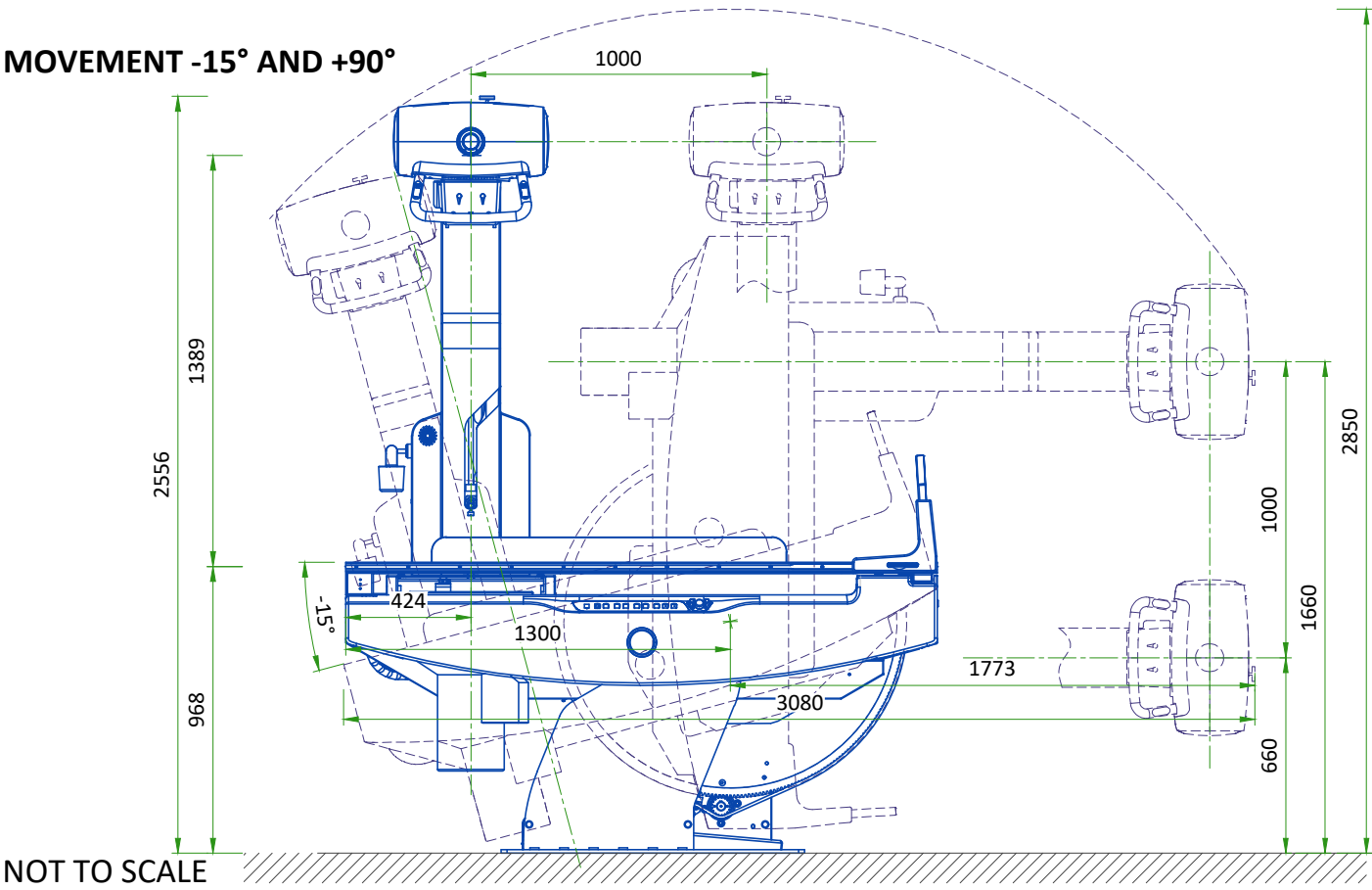
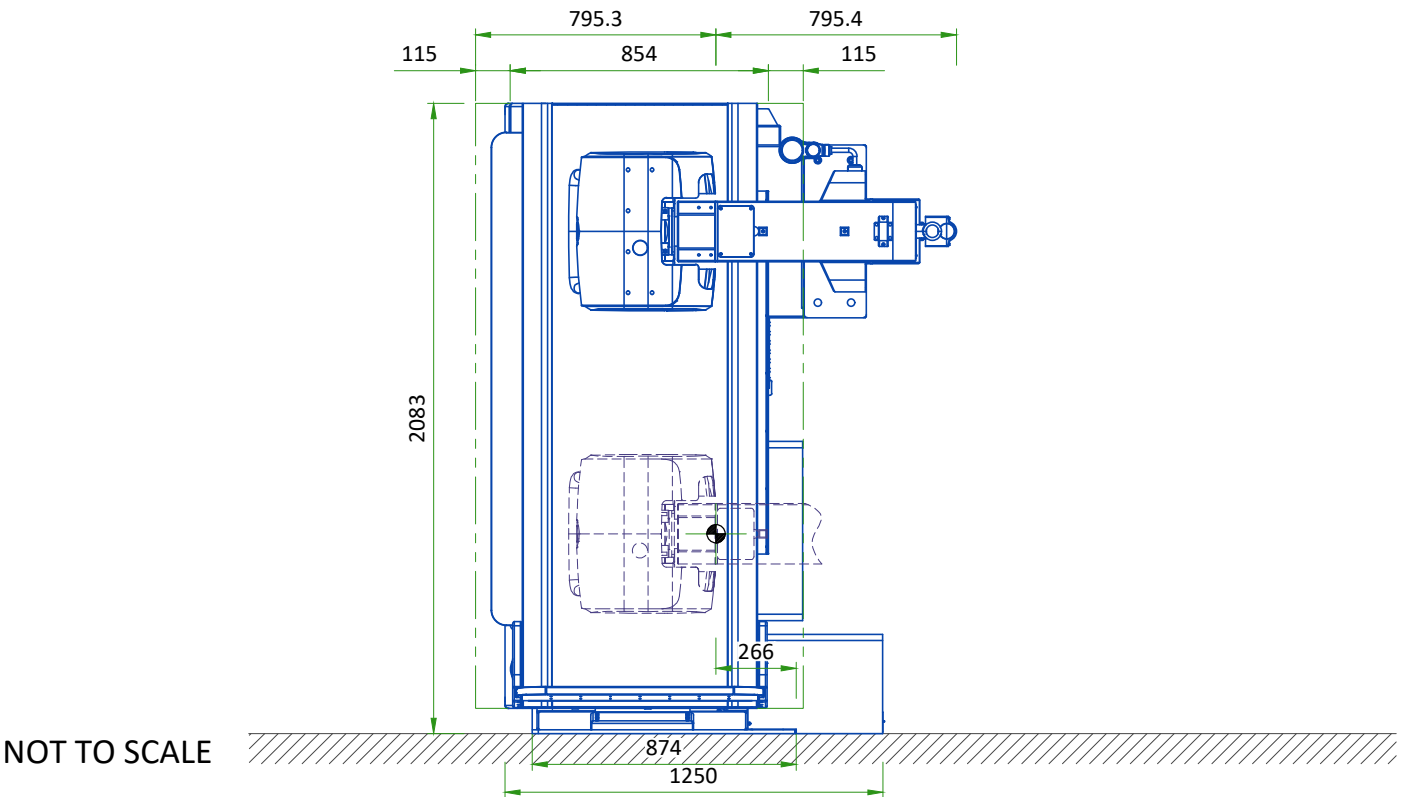


TABLE SIDE VIEW

MOVEMENT +90°



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

CUSTOMER SITE READINESS REQUIREMENTS

REQUIRED MANUALS FOR SYSTEM PRE-INSTALLATION	
Description	Document Number*
Product specific Pre-installation Manual	Refer to cover page
*documents can be accessed in multiple languages at https://customer-doc.cloud.gehealthcare.com/#/cdp/dashboard	

- 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.
- The items on the GE Healthcare Site Readiness Checklist **DOC1809666** are REQUIRED to facilitate equipment delivery to the site. Equipment will not be delivered if these requirements are not satisfied.
 - 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;
 1. Secure area for equipment,
 2. Power for drills and other test equipment,
 3. Restrooms.
 - Provide for refuse removal and disposal (e.g. crates, cartons, packing)
 - For CT 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 Pre-installation manual for vibration specifications.