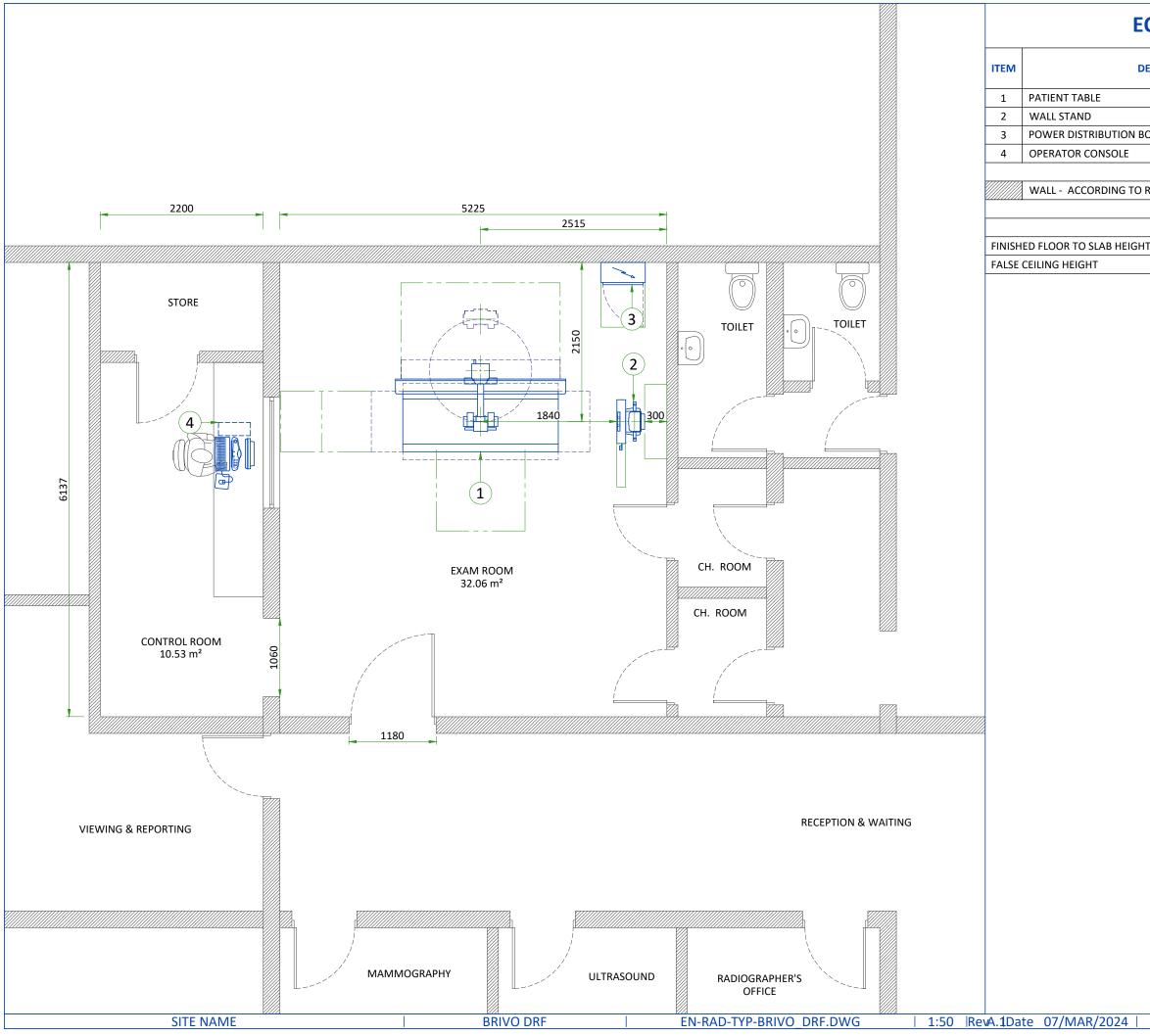
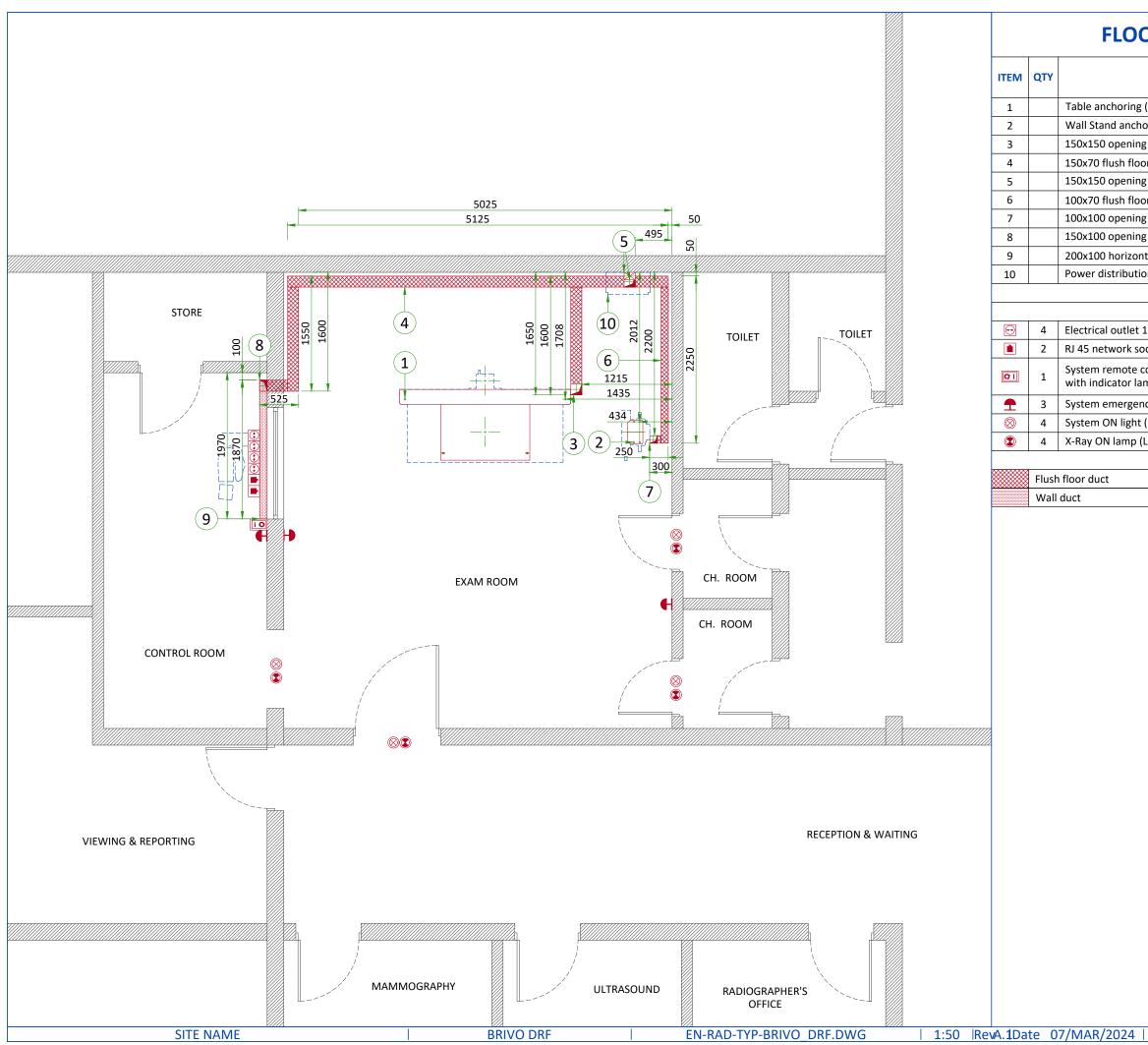
| | | | | | | SITE N/ | AME | | |
|---|--|--|------|-------|-------------|---|---|--|-----|
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| REV DATE | | MODIFICATIONS | | | | CITY | Y | | |
| 01 - Cover Sheet 02 - Equipment Lay 03 - Floor - Electrica 04 - Floor Structura | al Layout I Details | MODIFICATIONS | | G | E Health | CITY | Y TRY GE C PHO | CONTACT NAME ONE NUMBER MAIL ADDRESS | |
| 01 - Cover Sheet 02 - Equipment Lay 03 - Floor - Electrica 04 - Floor Structura 05 - Power Require 06 - HVAC - Environ | al Layout I Details ments ment - Connectivity nensions - Clearance ns - Delivery | MODIFICATIONS | | G | | CITY | Y TRY GE C PHO EM | ONE NUMBER | |
| 01 - Cover Sheet 02 - Equipment Lay 03 - Floor - Electrica 04 - Floor Structura 05 - Power Require 06 - HVAC - Environ 07 - Equipment Dim 08 - Interconnectio 09 - Disclaimer - Sit | al Layout I Details ments iment - Connectivity nensions - Clearance ns - Delivery e Readiness | | | | | | Y TRY GE C PHO EM | ONE NUMBER | Rev |
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| 01 - Cover Sheet 02 - Equipment Lay 03 - Floor - Electrica 04 - Floor Structura 05 - Power Require 06 - HVAC - Environ 07 - Equipment Dim 08 - Interconnectio 09 - Disclaimer - Sit A mandatory component of Pre Installation | al Layout I Details ments iment - Connectivity nensions - Clearance ns - Delivery e Readiness this drawing set is the GE Healthcare Pre Insta incomplete documentation requir documents for GE Healthcare products can be | illation manual. Failure to reference the Pre Installation manual will result in | Drav | wn by | Verified by | CITY COUN ncare BRIVO TYPICAL | Y TRY GE C PHO EM DRF STUDY S.O. (GON) | ONE NUMBER IAIL ADDRESS PIM Manual | |

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| EQUIPMENT LAYOUT | | | |
|------------------|--------------------------|----------------|--|
| DESCRIPTION | DIMENSIONS LxWxH (mm) | WEIGHT (kg) | |
| | 2300x1335x2240 |) 632 | |
| | 651x285x2060 | 185 | |
| BOX (PDB) | 800x600x300 | 42 | |
| | - | 24.2 | |
| | | | |
| RECEIVED DRAWING | | | |
| | | | |
| EXAM ROOM HEIGHT | | | |
| НТ | | - | |
| | | min. 2.40 m | |
| | | | |

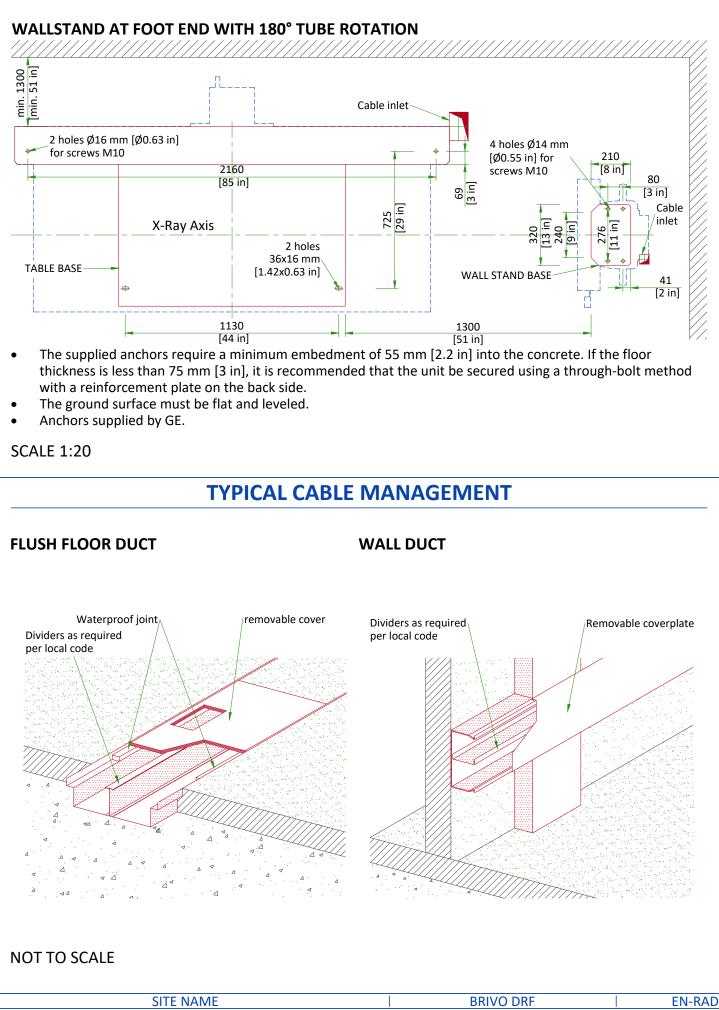


FLOOR - ELECTRICAL LAYOUT

DESCRIPTION

| (see Floor Structural Details) |
|--|
| oring (see Floor Structural Details) |
| g in the floor |
| or duct |
| g in the floor and 150X100 vertical cable duct for PDB (h= 1.1m) |
| or duct |
| g in the floor |
| g in the floor |
| tal wall duct |
| on box (PDB) |
| |
| Basic system |
| 10/16A 230V + G |
| ocket |
| control (Y), locked when power OFF "ON" and "OFF" impulse buttons mps red=ON / green=OFF located at 1.50m above floor |
| ncy off (SEO), (recommended height 1.50m-1.85m above floor) |
| (L) - 24V |
| L1) - 24V |
| |

FLOOR MOUNTING



| 04/09

POWER REQUIREMENTS

| POWER SUPPLY | 3 PHASES+G 380/400/440/480V ±10% |
|-----------------------------------|-----------------------------------|
| FREQUENCIES | 50/60Hz ± 0.5Hz |
| MAXIMUM INPUT POWER (0.1 sec max) | 70 kVA |
| MAXIMUM LINE RESISTANCE | 380V : 0.15 Ohm / 400V : 0.16 Ohm |
| PER 2 PHASES WIRES (Ohm) | 440V : 0.20 Ohm / 480V : 0.24 Ohm |

- TNC neutral point connection must not be used.
- 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.

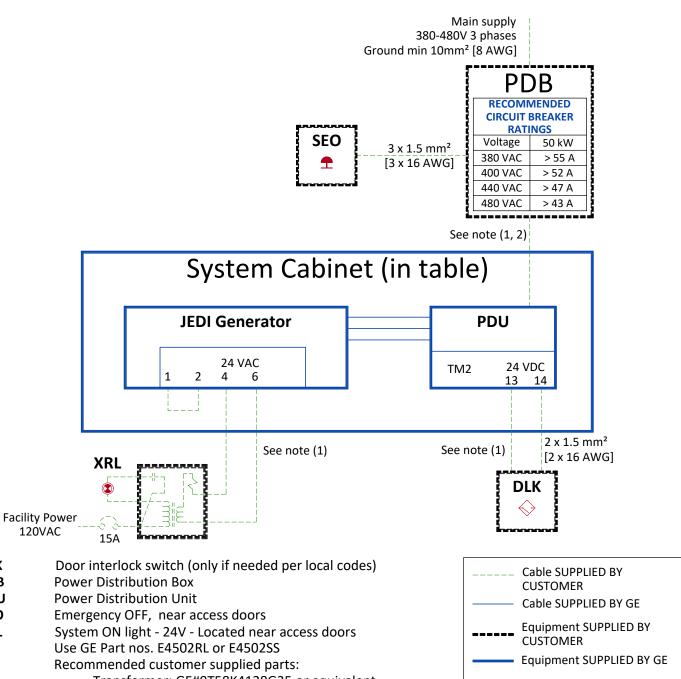
CABLES

- 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 1.5 m, 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.



| DLK | Door interlock switch (only if needed per local codes |
|-----|---|
| PDB | Power Distribution Box |
| PDU | Power Distribution Unit |
| SEO | Emergency OFF, near access doors |
| XRL | System ON light - 24V - Located near access doors |
| | Use GE Part nos. E4502RL or E4502SS |
| | Recommended customer supplied parts: |
| | Transformer: GE#9T58K4128G35 or equivalen |
| | Contactor: GE#CL04AB00M1 |
| | |

Notes

Use only a multi conductor, shielded, PVC/PVC, UL TYPE CM cable. Alpha Wire. CQA10210637. This can be

(1) ordered from GE (PN 2319786 (60m [196.9 ft] roll of AWG 16 2 conductor braid-shielded wire). This type of cable must be used to hook up XRL, SEO, and DLK to the system cabinet. Cable shields must be grounded at both ends. CHINA ONLY: available via from GE via part number S39222KP. (2)

| INC | OMING | FACILITY | Y POWE |
|--|---------|----------|------------|
| MIN. FEEDER WIRE SIZE, AWG OR MCM | | | MINIM |
| (sq. mm)/VAC | 50 (15) | 100 (30) | 150 (46) |
| 380-480 VAC | 8 (10) | 6 (16) | 4 (22) |
| | | GENE | ERAL NOTES |
| In all cases qualified personnel must verify | • | • • | |

stated in the PIM. If the wire size does not match the above lists, ple Grounding conductor will be of the same size as the feeder. This ground grounding point and always travel in the sa

SITE NAME

BRIVO DRF

EN-RAD-TYP-BRIVO DRF.DWG

RevA.1Date 07/MAR/2024



nt

| EF | R FEEDER | TABLE | | | |
|----|-------------|------------------------------|------------------------------|-------------|---------|
| ΜL | JM FEEDER V | VIRE LENGTH | I - ft (m) | | |
|) | 200 (60) | | | | |
| | 3 (30) | | | | |
| ES | | | | | |
| | | | E system me ize as per to | | |
| | | e equipment th the feeder | back to the rs | power sourc | ce/main |
| | | | | | |

Power Requirements

05/09

TEMPERATURE AND HUMIDITY SPECIFICATIONS

IN-USE CONDITIONS

| | EXAM | ROOM | CONTROL ROOM | | | |
|-------------------------|---------------------|---------------|---------------------|---------------|--|--|
| Tomporatura | Min | Max | Min | Max | | |
| Temperature | 10 °C [50 °F] | 30 °C [86 °F] | 10 °C [50 °F] | 30 °C [86 °F] | | |
| Temperature gradient | < 10°C/h [< 50°F/h] | | < 10°C/h [< 50°F/h] | | | |
| Relative humidity (1) | 30% t | 30% to 80% | | 30% to 80% | | |
| Humidity gradient | < 30 | < 30%/h | | % / h | | |
| | Stand by | Max | Stand by | Max | | |
| System heat dissipation | 1.5 kW | 3.1 kW | 0.125 kW | 0.275 kW | | |
| | 5118 BTU/hr | 10577 BTU/hr | 426 BTU/hr | 939 BTU/hr | | |

STORAGE CONDITIONS

| Temperature | 0 °C [32 °F] to 50 °C [122 °F] |
|-----------------------|--------------------------------|
| Relative humidity (1) | 10% to 90% |
| Temperature gradient | < 20°C/h [< 68°F/h] |
| Humidity gradient | < 30%/h |

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.

ENVIRONMENTAL SPECIFICATIONS

MAGNETIC INTERFERENCE

To guarantee specified imaging performance: X-ray tubes and control console equipment must be located in ambient static field of less than 10 Gauss.

ACOUSTIC OUTPUT

Measured 1 m [3.28 ft] from any point in system. less than 60 dBA In-use: Stand-by: less than 55 dBA

CONNECTIVITY REQUIREMENTS

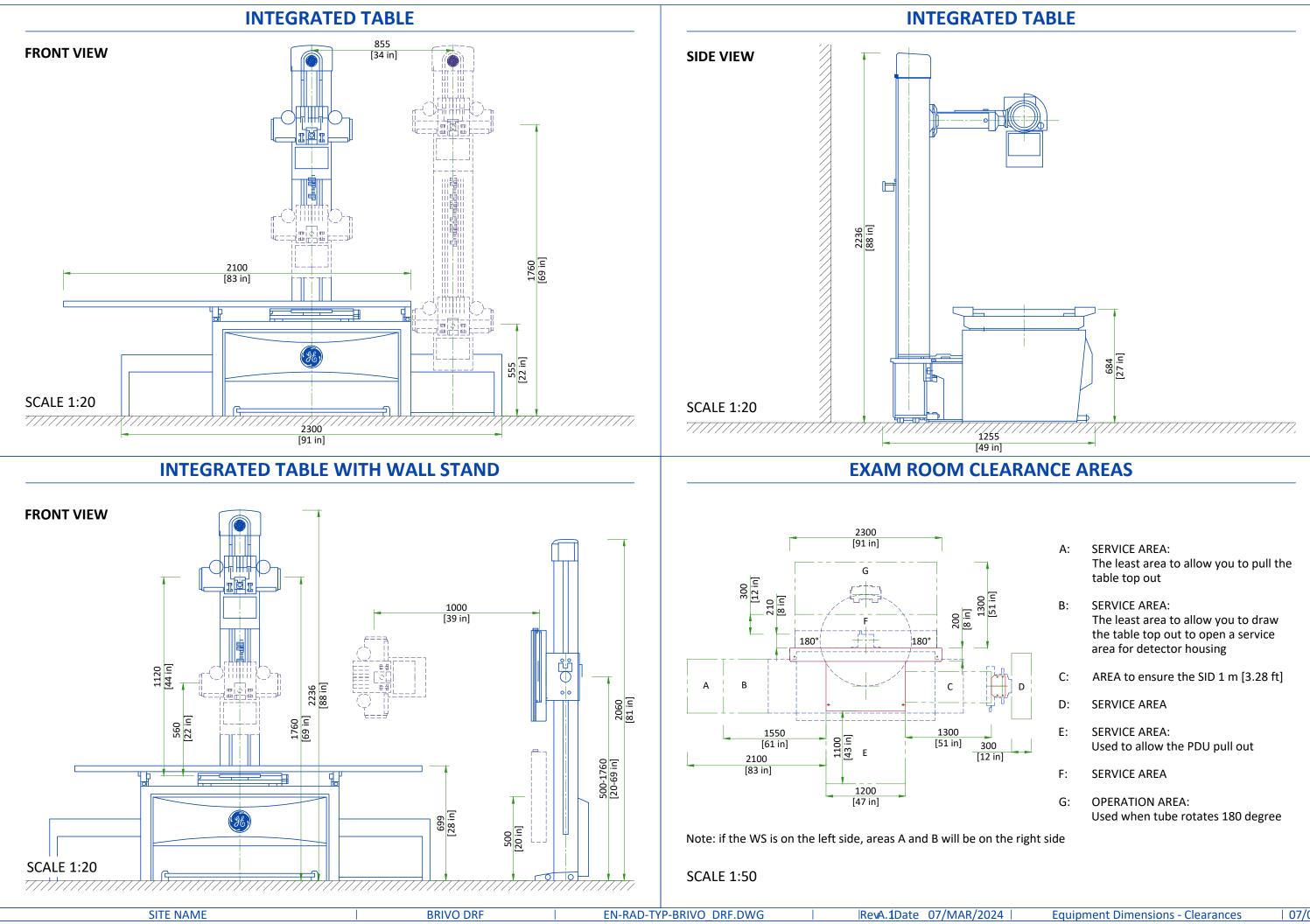
Your new GE Healthcare imaging modality will require local and remote connectivity to enable our full range of digital support:

- Local connectivity This allows your system to connect to local devices such as PACS and modality worklist. We will require network information to configure the system(s), and a live ethernet port(s) prior to the delivery of the system(s).
- Remote connectivity Your GE Healthcare service warranty includes InSite[™] (applicable to InSite capable products), a powerful broadband-based service which enables digital tools that can help guard your hospital against equipment downtime and revenue loss by quickly connecting you to a GE Healthcare expert.

Depending on product family and software version, imaging systems can be connected in one of the following methods:

- 1. TLS over TCP Port 443 (Preferred method for new products) via: a. DNS resolution
 - b. Customer-provided Proxy or
 - c. GE Proxy (Available in some regions)
- 2. Site-to-Site IPsec VPN tunnel

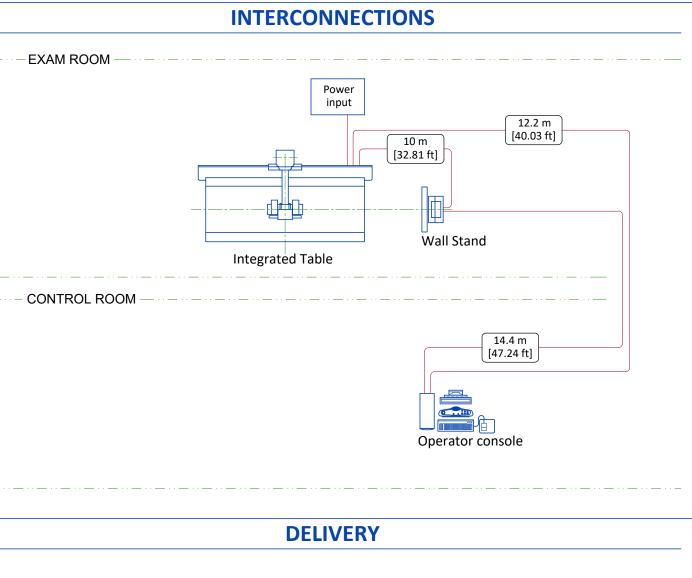
Please provide the GE project manager with the contact information for the resource that can provide information required to set up these connections. GEHC will send out communication to these contacts, which will include the project's Connectivity requirements, and a Connectivity form. This form will need to be completed and returned to GEHC prior to delivery of the system to ensure the system is tested and connectivity is enabled prior to the completion of the installation.





| A: | SERVICE AREA: The least area to allow you to pull the table top out |
|--------|--|
| В: | SERVICE AREA: The least area to allow you to draw the table top out to open a service area for detector housing |
| C: | AREA to ensure the SID 1 m [3.28 ft] |
| D: | SERVICE AREA |
| E: | SERVICE AREA: Used to allow the PDU pull out |
| F: | SERVICE AREA |
| G: | OPERATION AREA: Used when tube rotates 180 degree |
| t side | |

07/09



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.

| DIMENSIONS | | | | | |
|-------------|-------|--------|------------|---------|----------|
| | TABLE | COLUMN | WALL STAND | CONSOLE | DETECTOR |
| LENGTH (mm) | 2500 | 2300 | 2250 | 750 | 1020 |
| WIDTH (mm) | 1280 | 200 | 860 | 1000 | 800 |
| HEIGHT (mm) | 1200 | 370 | 610 | 1150 | 440 |
| WEIGHT (kg) | 650 | 215 | 250 | 70 | 40 |
| | | | | | |
| LENGTH (in) | 98.4 | 90.6 | 88.6 | 29.5 | 40.2 |
| WIDTH (in) | 50.4 | 7.9 | 33.9 | 39.4 | 31.5 |
| HEIGHT (in) | 47.2 | 14.6 | 24.0 | 45.3 | 17.3 |
| WEIGHT (lb) | 1433 | 474 | 551 | 154 | 88 |

08/09

DISCLAIMER

CUSTOMER SITE READINESS REQUIREMENTS

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 | |
| | | | |

REQUIRED MANUALS FOR SYSTEM PRE-INSTALLATION

Description

| Product s | pecific Pre-installation Manual | |
|-----------|---------------------------------|--|

*documents can be accessed in multiple languages at https://www.gehealthcare.com/support/manuals

- 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 Checklists listed below are REQUIRED to facilitate equipment delivery to the site. Equipment will not be delivered if these requirements are not satisfied.

| REQUIRED SITE-READINESS CHECKLISTS FOR SYSTEM PRE-INSTALLATION | | | |
|--|------------------|--|--|
| Modality | Document Number* | | |
| Computerized Tomography | DOC2949059 | | |
| Radiology, Radiology and Fluouroscopy, Mammography, Bone Mass Densitometry | DOC2949063 | | |
| All modality Customer/Contractor Worksheet | DOC2949068 | | |
| *documents can be accessed in multiple languages at https://www.gehealthcare.com/support/manuals | | | |

- 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;
 - Secure area for equipment, 1.
 - 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.

Document Number*

Refer to cover page