

Drawing Index

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

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These 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 operation of such equipment in compliance with GE Healthcare's written specifications and all applicable federal, state, and/or local requirements.

* REQUIRED REFERENCE *

Discovery IGS
Pre Installation Manual
5507046-1-1EN

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

GE Healthcare



Interventional Site Planning

CUSTOMER ACCEPTANCE



imagination at work

Customer Site Readiness Requirements

- 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. Capability for image analysis, 4. Restrooms.
- Provide for refuse removal and disposal (e.g. crates, cartons, packing)
- Contact a radiation physicist or consultant to specify radiation containment requirements.

GE Equipment Delivery Requirements

The items on the GE Healthcare Site Readiness Checklist are REQUIRED to facilitate equipment delivery to the IS site. Equipment will not be delivered if these requirements are not satisfied.

| GE Healthcare Site Readiness Checklist Rev 19 | | | | | |
|--|---|-----------------|--------------|----------|---------------------------------------|
| Before using this document ensure you have the latest Rev from MyWorkshop on DOC0422752 | | | | | |
| GEHC Global Order #: | | Customer: | | | |
| GEHC PMI: | | FE / Installer: | | | |
| The customer is responsible for proper site preparation regardless of any GEHC measurements/inspections/assessments. | | | | | |
| Inspection Date: | Storage is ready? | PHI is ready? | FE is ready? | Comments | If "N", enter comments or action plan |
| | | | | | |
| 1 | MR Magnet Delivery Requirements: Ensure oxygen venting system is available for magnet connection as defined by GEHC Pre-Installation Manual (PIM) requirements; exhaust fan system is installed and operational, 480V power, and chilled water supply is available 24x7 that meets system cooling requirements. External connectivity is available for magnet monitoring and phone service is available during delivery. Surface mount vibromat installed where required. Magnet room final flooring is in place. | | | | |
| 2 | MR RF Screen Room Requirements: RF Screen Room is tested with copy of Test Report, emailed to SRAdmin@GE-Healthcare.com , that is compliant with GEHC specifications. Back seat and magnet anchors (if applicable) installed using 2 part anchor. For HDx systems, blower box mount bolts installed by RF vendor using 2 part anchors. | | | | |
| 3 | State Regulatory Requirements: Facility registration number provided for states of <u>IL, KY, HI, RI, SC, TX, VA, WA</u> . X-ray shielding plan and state acknowledgment letter provided to installer for <u>AR, DC, NC, SC, CO</u> . | | | | |
| 4 | Site Drawing Requirements: Final version of equipment network and antenna, installation drawings (including red lined versions) verified to match actual room and has been provided to installer. | | | | |
| 5 | Surface Penetration Requirements: Customer/Contractor scheduled to provide required drilling or cutting into floors, ceilings, and walls, OR surface penetration permit available and posted in the room when GEHC will perform the work. | | | | |
| 6 | Pre-Delivery Route Requirements: The equipment delivery route from the truck to the final destination within the facility has been reviewed with all key stakeholders to safely meet the minimum requirements for equipment access, and all communications/notifications have occurred. Arrangements have been made for special handling (elevator, rigging, floor protection, fork lift, rollback truck, etc). | | | | |
| 7 | Finished Room Requirements: Rooms that will contain equipment, including storage areas not in scan suite, are dust free. Provisions taken to maintain a dust free room. Precautions must be taken to prevent dust from entering rooms containing equipment when construction is incomplete in adjacent areas. All walls primed (final coat not needed on Day 1). Shielding, doors, and windows are to be installed. No contractor work being done during or after the installation that will cause dust in the installation areas or potential equipment damage. Room security to prevent unauthorized access and theft has been discussed with customer. The customer is aware of these security issues, implications and responsibility. For Storage: Room must meet PIM requirements for storage. | | | | |
| 8 | Electrical Requirements: Lockable (LOTO) Main Disconnect Panel (MDPI) is installed per GE guidelines and system power is available. Conduits, electrical cable ducting/dividers/cable trays, and access flooring is installed in proper location and height. Surface floor duct and load-side wires can be installed at time of system installation. Validate outlet location and requirements meet specifications for device/equipment. | | | | |
| 9 | HVAC Requirements: The HVAC/Chilled Water systems designed to maintain the environment per spec/PIM is at running state and appears to provide the desired environmental conditions including location of vents, temperature and humidity for system operation. | | | | |
| 10 | 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 per GEHC specifications. Confirm customer anchoring plan aligns with designed floor thickness. Final flooring installed where required for network racks. | | | | |
| 11 | Ceiling Requirements: Unistrut (or equivalent) location, levelness and spacing is measured (or vendor confirmed) and consistent with the requirement of the installation drawings. Ensure unistrut and rails are not used as mounting surfaces. Ceiling grid is installed. Permanent lighting is installed and operational. HVAC diffusers are installed and connected to ductwork. Ceiling tiles installed per PIM discretion. | | | | |
| 12 | Staging Requirements: Space has been identified to support the active installation process only. 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 expense. This space must meet PIM requirements. | | | | |
| 13 | Network Connectivity: Hardware for network connectivity/network drop is in place prior to delivery with specified network firewall configuration where required. Site surveys for wireless mobile XR units have been completed. | | | | |
| 14 | Medical Gases Requirements: Systems (hard piped or portable) in place to allow testing and calibration of equipment (anesthesia), including ventilation. | | | | |

GE Healthcare
Healthcare Project Implementation - Design Center
Milwaukee, Wisconsin
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SHEET TITLE: SITE READINESS
MODALITY TYPE: DISCOVERY IGS
THIS PLAN IS SUBMITTED TO SURVEY LOCATION OF GE HEALTHCARE EQUIPMENT AND ASSOCIATED APPARATUS, ELECTRICAL WIRING DETAILS AND ROOM ARRANGEMENTS. IN PREPARING THIS PLAN, EVERY EFFORT HAS BEEN MADE TO CONFORM DETAILS TO THE ACTUAL CONSTRUCTION PURPOSES, DIMENSIONS AND THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE:
INTERVENTIONAL I.R.
TYPICAL FINAL DRAWINGS

| | |
|-------------|-----------|
| PROJECT | REVISION |
| 4-92f | 01 |
| DATE: | 22.Oct.15 |
| DRAWN BY: | SLR |
| CHECKED BY: | TST |

REVISION HISTORY:

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| |
| |
| |
| |

SHEET
C1

PIM R1
RQ - 155702

GE EQUIPMENT LISTING

| ITEM NO. | QUANTITY ORDERED | REFER TO SHEET "D" | ITEM DESCRIPTION (* = EXISTING/REINSTALL) | WEIGHT | HEAT OUTPUT (PER HOUR) | DETAIL NO. | STRC PLAN | ELEC PLAN |
|----------|------------------|--------------------|---|----------|---------------------------|---|-----------|---------------|
| 1 | 1 | | COUNTERBALANCED EYE AND THYROID SHIELD WITH 896 LAMP | 143 lbs | | B5031E | B5031F | LMP S |
| 2 | 1 | | LONGITUDINAL STATIONARY RAIL FOR XT SUSPENSION | 68 lbs | | | B20078 | C |
| 3 | 1 | | INJECTOR ON PEDESTAL | 90 lbs | 320 btu | B5030 | | S |
| 4 | 1 | | XR BUZZER (LOCATED ABOVE CEILING) | 2 lbs | | B5150H | | XR-B |
| 5 | 1 | | DISCOVERY IGS MOBILE GANTRY | 2094 lbs | 3020 btu | B5050S B5050T B-1GS11 B-1GS12 B-1GS13 B-1GS14 B-1GS15 B-1GS16 B-1GS17 B-1GS18 B-1GS19 B-1GS20 B-1GS21 | B20086 | DIGS - |
| 6 | 1 | | CABLE MANAGEMENT SYSTEM | 330 lbs | | B-1GS15 | B20085 | CMS - |
| 7 | 1 | | INNOVA IQ TABLE | 1750 lbs | 614 btu | B8162 | | LUS C |
| 8 | 11 | | REFLECTOR TARGETS FOR GANTRY NAVIGATION SYSTEM | | | | B20084 | - |
| 9 | 1 | | SUGGESTED GANTRY PARKING POSITIONS (MAXIMUM OF TWO) BASED UPON ROOM CONSTRAINTS | | | B-1GS21 | | - |
| 10 | 1 | | UPS INTERFACE BOX | | | E45021B | | UTB - |
| 11 | 1 | | ATLAS CABINET(C2) | 659 lbs | 1825 btu | B0558C | | C2 C |
| 12 | 1 | | ATLAS CABINET(C1F) | 1115 lbs | 3389 btu | B0558C | | C1F C |
| 13 | 1 | | DETECTOR CHILLER | 33 lbs | 706 btu | B5049F | | DC S |
| 14 | 1 | | COOLIX 4100 WATER CHILLER | 264 lbs | 18730 btu | B-1GS03 B-1GS04 | | CHLR C |
| 15 | 1 | | COOLIX 4100 AUTOTRANSFORMER | 66 lbs | 153 btu | B-1GS05 | | AT - |
| 16 | 1 | | UPS CABINET | 1170 lbs | 4061 btu | E45025G | | UPS - |
| 17 | 1 | | TABLESIDE CART | | | B-1GS06 | | - |
| 18 | 1 | | LARGE DISPLAY MONITOR ON SINGLE MONITOR SUSPENSION 9 FT. 6 IN. INBOARD BRIDGE (MOUNT TWO GE MONITORS ON BACKSIDE OF LD MONITOR) | 784 lbs | 1706 btu | B2004 B2015 | | LDM WBM1 C |
| 19 | 1 | | LARGE DISPLAY MONITOR CABINET | 253 lbs | 3412 btu | B2014 | | LDC C |
| 20 | 1 | | 3 KVA UPS CABINET (LARGE DISPLAY SUBSYSTEM OPTION) | 99 lbs | 546 btu | B2016 | | UPS3 C |
| 21 | 2 | | 19 IN. MONITOR ON WALL SUPPORT | 26 lbs | 204 btu | C7619W | | WBMA C |
| 22 | 1 | | CONTROL ROOM MONITOR WITH DL KEYPAD | 22 lbs | 204 btu | C7412H C7619D | | S |
| 23 | 1 | | OPERATORS CONSOLE | 22 lbs | 546 btu | B5050C C7502 C7619D | | WBC1 C |
| 24 | 1 | | BOLUS CHASE HANDSWITCH | 2 lbs | | | | WBBC - |
| 25 | 1 | | AW WORKSTATION | 81 lbs | 1201 btu | M1013AV C7619D | | C |

THE FOLLOWING ITEMS, WHICH HAVE BEEN ORDERED FROM GE HEALTHCARE, ARE TO BE INSTALLED BY THE CUSTOMER OR HIS CONTRACTOR.

| | | | | | | | | |
|----|---|--|--|---------|----------|--------|--|-------|
| 69 | 1 | | DISCOVERY MAIN DISCONNECT, REFERENCE JUNCTION POINT, PDB ON SHEET E1 FOR DETAILED DESCRIPTION. | 326 lbs | 1532 btu | E4502M | | PDB - |
|----|---|--|--|---------|----------|--------|--|-------|

EQUIPMENT LAYOUT REQUIRED CEILING HEIGHT = 9'-7" OR HIGHER

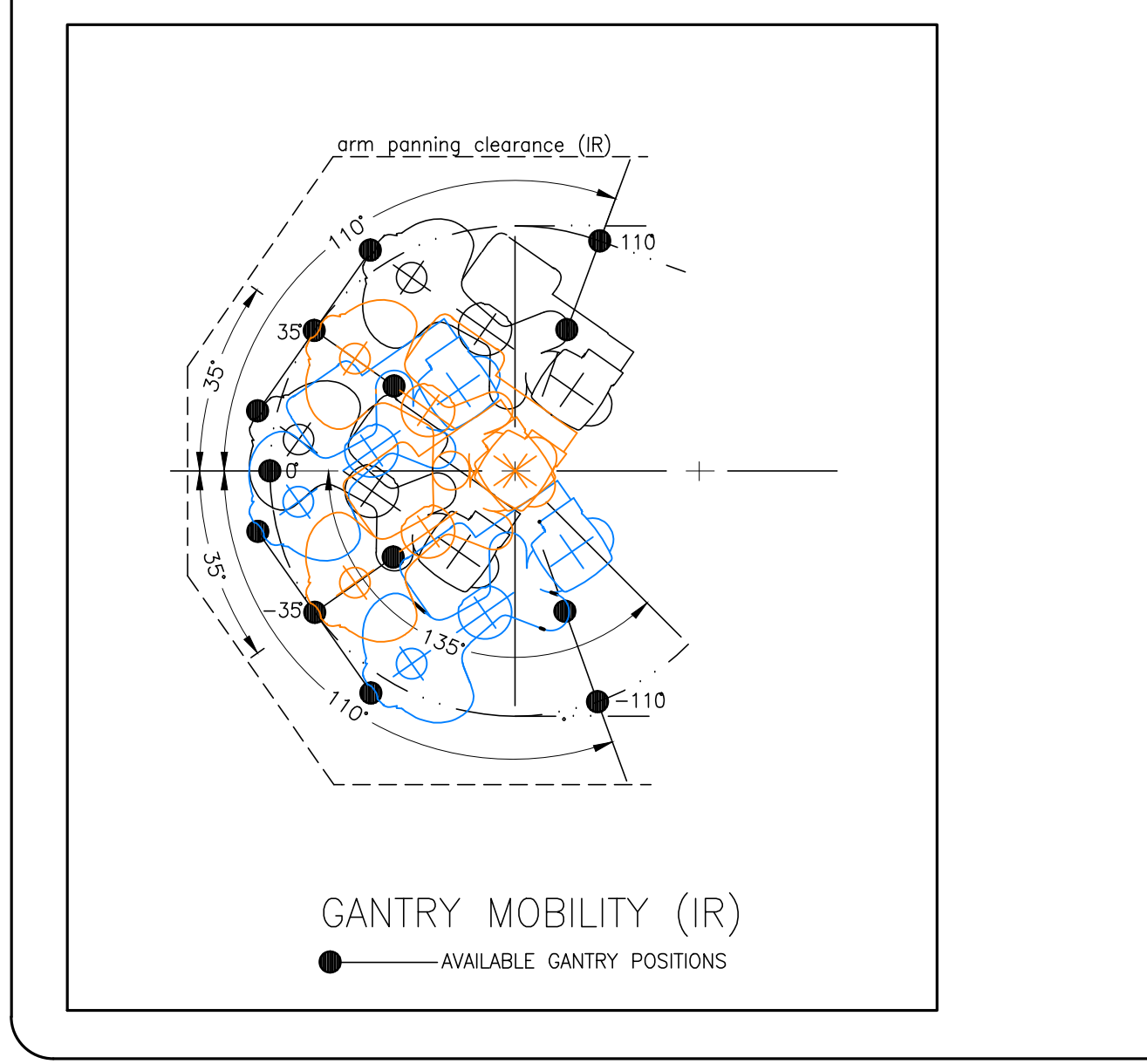
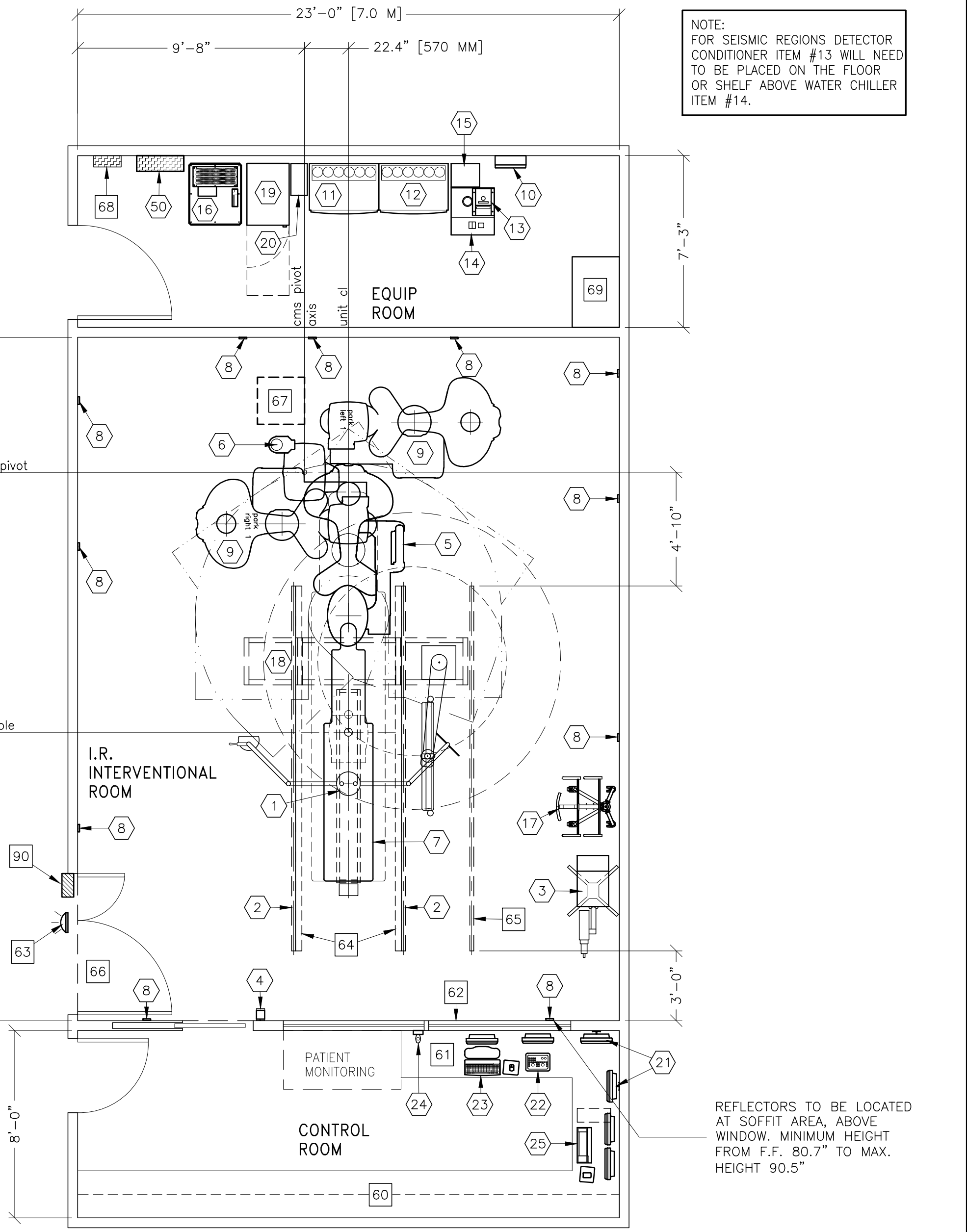
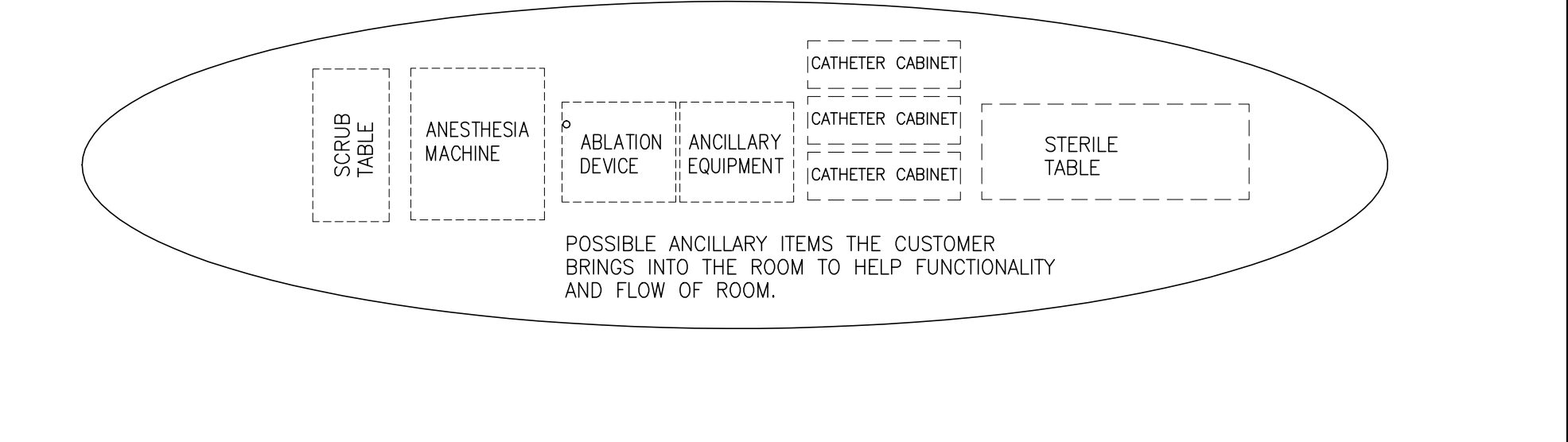
SCALE: 1/4" = 1'-0"
This equipment layout indicates the placement and interconnection of the indicated equipment components. There may be federal, state, and/or local requirements that could impact the placement of these components. It remains the Customer's responsibility for ensuring the site and final equipment placement complies with all applicable federal, state, and/or local requirements.

GANTRY MOTION OPTIONS - IR (BASIC)
AVAILABILITY DEPENDING ON THE OPTION PURCHASED.....THE FOLLOWING (✓) INDICATES PARK, BACKOUT, ARM IMAGING AND HORSESHOE POSITIONS AVAILABLE FOR THIS LAYOUT SHOWN IN DRAWING.

NOTE: NOT ALL PARK & BACKOUT POSITIONS ARE REQUIRED. 0-2 PARK POSITIONS CAN BE CONFIGURED ON THE MACHINE PER AVAILABLE SPACE, AND AS MANY BACK-OUT POSITIONS THE AVAILABLE SPACE ALLOWS. (20" (508MM) CLEARANCE REQUIRED BETWEEN GANTRY AND OBSTRUCTION SUCH AS WALLS, COLUMNS, CASEWORK ECT. FOR SAFETY CONCERNS).

| PARK POSITION | BACKOUT POSITION | MIN. | MAX. | ARM IMAGING POSITIONS | HORSESHOE POSITIONS | IN |
|---------------|------------------|------|------|-----------------------|---------------------|----|
| PARK RIGHT 1 | HEAD LONG | ✓ | | | HEAD | ✓ |
| PARK HEAD 1 | HEAD RIGHT | ✓ | | | LEFT LATERAL | ✓ |
| PARK LEFT 1 | HEAD LEFT | ✓ | | | RIGHT LATERAL | ✓ |
| | | | | | LEFT FEET | ✓ |
| | | | | | RIGHT FEET | ✓ |
| | | | | | RIGHT -135° | ✓ |

ALL 3 PARK POSITIONS ARE AVAILABLE FOR THIS TYPICAL SITE BUT ONLY 2 ARE SHOWN IN THIS DRAWING PACKAGE.



ANCILLARY ITEMS

CUSTOMER/CONTRACTOR SUPPLIED AND INSTALLED ITEMS

| ITEM NO. | ITEM DESCRIPTION (* INDICATES EXISTING) |
|----------|---|
| 60 | COUNTER TOP WITH BASE AND WALL CABINETS |
| 61 | COUNTER TOP FOR EQUIPMENT-MINIMUM DEPTH 30 IN. OR ADDITIONAL SHELVING MAY BE REQUIRED. PROVIDE DIMENSIONED OPENINGS AS REQUIRED TO ROUTE INTERCONNECT CABLES TO RACEWAY BELOW COUNTERTOP. |
| 62 | CONTROL WALL TO CEILING WITH LEAD GLASS VIEWING WINDOW. |
| 63 | X-RAY ON WARNING LIGHT - AVAILABLE FROM GE SUPPLY CALL: 800-800-9760 GE CAT. NO. WX1ABW-DF-XIU |
| 64 | BEARING BLOCK OUTLINE, SEE S1 FOR MORE INFORMATION. |
| 65 | CABLE DRAPE RAIL. |
| 66 | MIN. DOOR OPENING FOR GANTRY DELIVERY: 55.5" x 81.1" (1410mm x 2060mm) CONTINGENT UPON A 96" (2438mm) CORRIDOR. SEE DETAIL B-1GS14 |
| 67 | CEILING SERVICE ACCESS PANEL |
| 68 | CIRCUIT BREAKER OR EQUIVALENT WITH LOTO CAPABILITY. REFERENCE JUNCTION POINT, XRL07 ON SHEET E1 FOR THIS DEVICE MUST BE COMPATIBLE WITH THE POWER INPUT SPECIFICATIONS OF THE SYSTEM. THE CUSTOMER IS RESPONSIBLE FOR PROCUREMENT, DELIVERY, INSTALLATION CUSTOMER SUPPLIED STORAGE CABINET |
| 69 | CUSTOMER SUPPLIED STORAGE CABINET |
| 90 | X-RAY ROOM WARNING LIGHT/ROOM LIGHTING CONTROL PANEL. REFERENCE JUNCTION POINT, XRL07 ON SHEET E1 FOR DETAILED DESCRIPTION -CAT. NO. E4502SS FOR WARNING LIGHT & ROOM LIGHT CONTROL. |

THE FOLLOWING ITEMS ARE AVAILABLE FROM GE HEALTHCARE TECHNOLOGIES. CONTACT YOUR LOCAL GE HEALTHCARE SERVICE REPRESENTATIVE FOR PRICING AND AVAILABILITY.

GENERAL SPECIFICATIONS

- THE REQUIRED CEILING HEIGHT INDICATED ON THESE PLANS IS TO ENSURE EQUIPMENT FUNCTION IS NOT INHIBITED. CONSULT WITH YOUR LOCAL GEHC SPECIALIST REGARDING ACCEPTABILITY OF OTHER CEILING HEIGHTS.
- CHECK ALL DOOR OPENINGS AND HALLWAYS FROM DELIVERY LOCATION TO WHERE EQUIPMENT IS TO BE INSTALLED TO ENSURE THE ROUTE PHYSICALLY AND STRUCTURALLY WILL ACCOMMODATE THE EQUIPMENT AS SHIPPED.
- 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.
- 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 IS. GEHC RESERVES THE RIGHT TO MAKE ON THE JOB CHANGES BECAUSE OF CUSTOMER REQUIREMENTS AND/OR OBSTACLES IN CONSTRUCTION, ETC..
- ALL WORK TO BE IN COMPLIANCE WITH NATIONAL AND LOCAL BUILDING SAFETY CODES.
- DIMENSIONS ARE TO FINISHED SURFACES OF ROOM.

SITE ENVIRONMENT SPECIFICATIONS

- TECHNICAL ROOM AMBIENT OPERATING TEMPERATURE: 55 TO 77 DEGREES (F) [13 TO 25 DEGREES (C)], WITH 30% - 75% HUMIDITY. THE TARGET TEMPERATURE (BEST RECOMMENDED) IS 64 DEGREES (F), [18 DEGREES (C)].
- TECHNICAL ROOM WITH FLUORO UPS AMBIENT OPERATING TEMPERATURE: 68 TO 77 DEGREES (F), [20 TO 25 DEGREES (C)] WITH 30% - 75% HUMIDITY.
- EXAM ROOM AMBIENT OPERATING TEMPERATURE: DESIGN FOR PATIENT/OPERATOR COMFORT, WITH 30% - 70% HUMIDITY.
- CONTROL ROOM AMBIENT OPERATING TEMPERATURE: 68 TO 77 DEGREES (F), [20 TO 25 DEGREES (C)], WITH 30% - 75% HUMIDITY.
- ALTITUDE: NOT TO EXCEED 9,842 FT. [3,000 M] ABOVE SEA LEVEL.
- DO NOT RESTRICT THE AIR INTAKE AT THE LOWER FRONT OR AIR EXHAUST AT THE TOP OF THE ELECTRONICS CABINETS.

MAGNETIC INTERFERENCE SPECIFICATIONS

DIGITAL FLAT PANEL MUST BE LOCATED IN AMBIENT STATIC MAGNETIC FIELDS OF LESS THAN 1 GAUSS TO GUARANTEE SPECIFIED IMAGING PERFORMANCE.

X-RAY TUBES MUST BE LOCATED IN AMBIENT STATIC MAGNETIC FIELDS OF LESS THAN 10 GAUSS TO GUARANTEE SPECIFIED PERFORMANCE.

SYSTEM ELECTRONICS MUST BE LOCATED IN AMBIENT STATIC MAGNETIC FIELDS OF LESS THAN 10 GAUSS TO GUARANTEE DATA INTEGRITY.

OPERATORS CONSOLE EQUIPMENT MUST BE LOCATED IN AMBIENT STATIC MAGNETIC FIELDS OF LESS THAN 10 GAUSS TO OBTAIN SPECIFIED GEOMETRIC LINEARITY.

GE Healthcare
Healthcare Project Implementation - Design Center
Minneapolis, MN

SHEET TITLE: **EQUIPMENT LAYOUT**
MODALITY TYPE: **DISCOVERY IGS**

THIS PLAN IS SUBMITTED TO ASSIST IN THE LOCATION OF GE HEALTHCARE EQUIPMENT AND ASSOCIATED APPARATUS TO ELECTRICAL WIRING DETAILS AND ROOM ARRANGEMENTS. IN PREPARING THIS PLAN, EVERY EFFORT HAS BEEN MADE TO CONFORM TO THE SPECIFICATIONS OF THE SYSTEM. THE CUSTOMER IS RESPONSIBLE FOR THE USE OF THIS PLAN IN CONSTRUCTION. GE HEALTHCARE ACCEPTS NO LIABILITY OR RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE: **INTERVENTIONAL I.R.**
TYPICAL FINAL DRAWINGS

| PROJECT | REVISION |
|---------|----------|
| 4-92f | 01 |

DATE: 22.Oct.15
DRAWN BY: SLR
CHECKED BY: TST

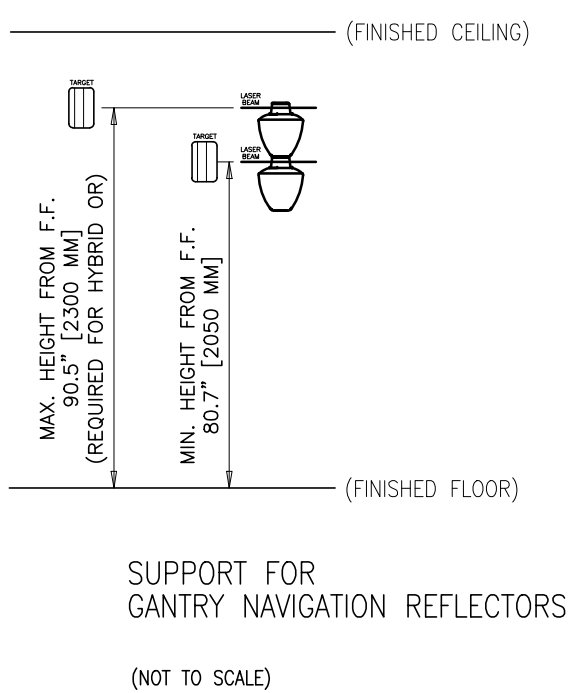
REVISION HISTORY:

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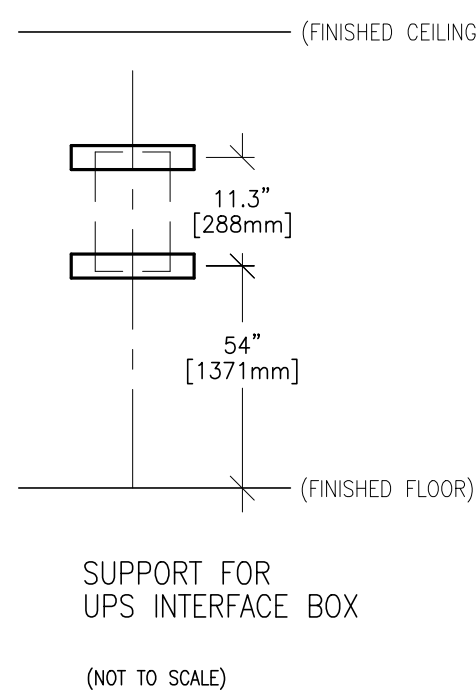
SHEET **A1**

TYPICAL WALL SUPPORT ELEVATIONS

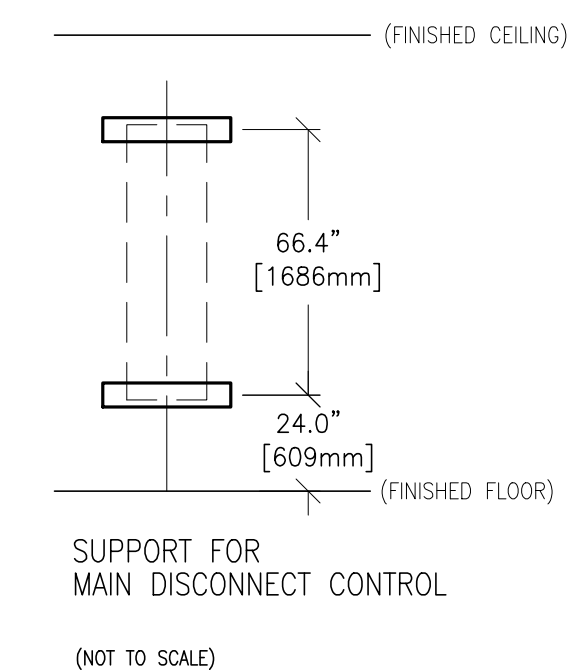
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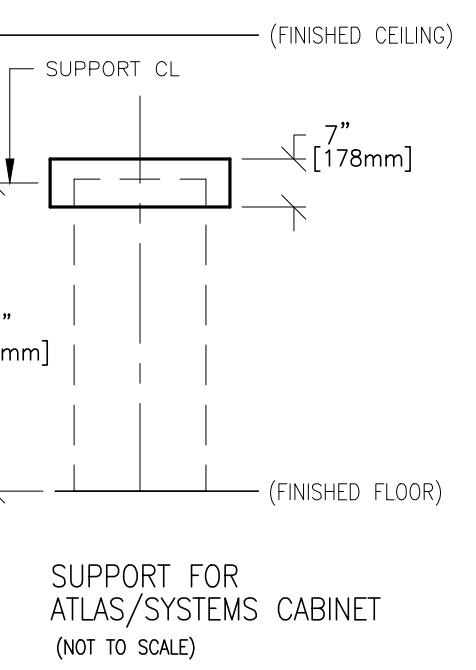
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S107



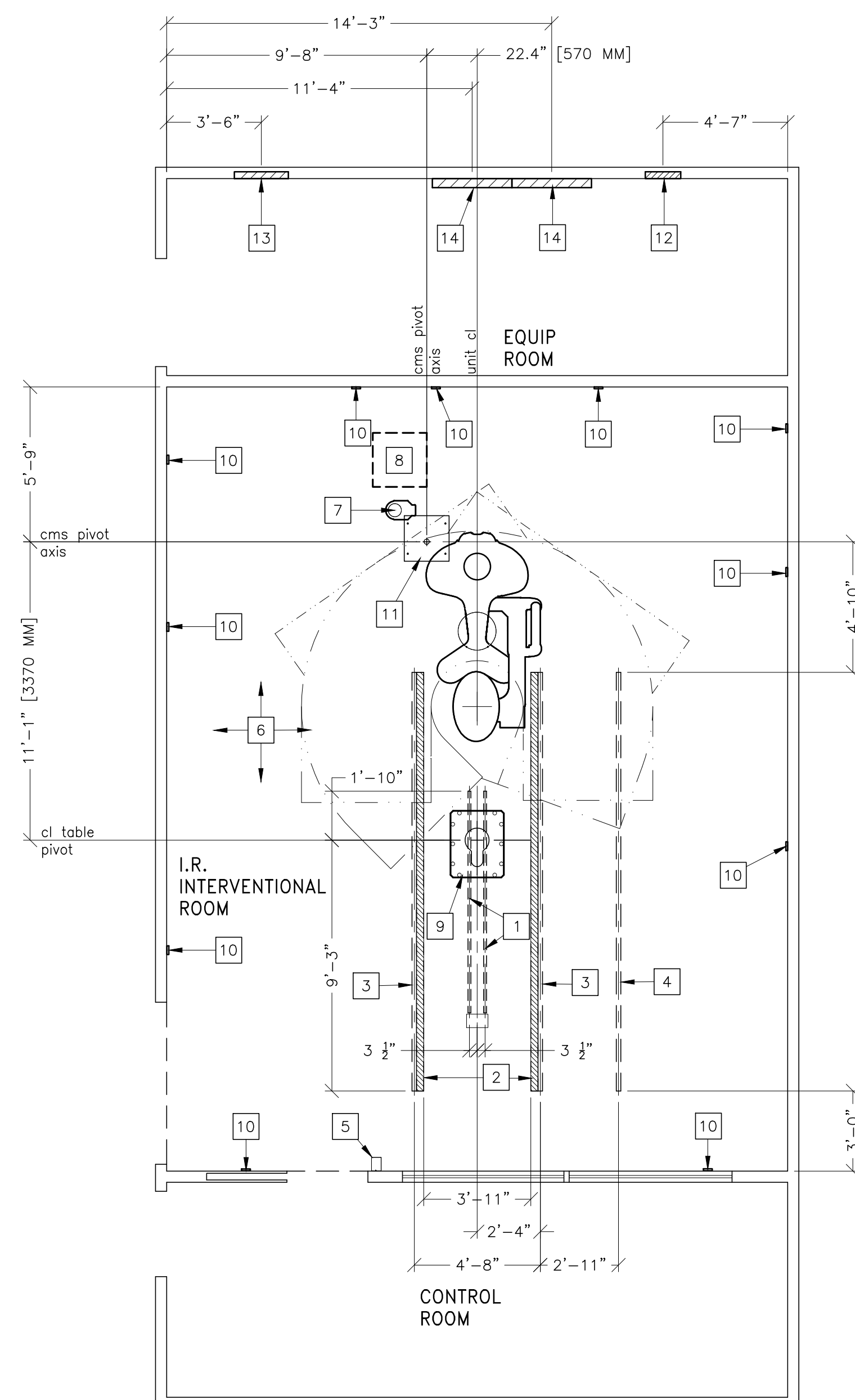
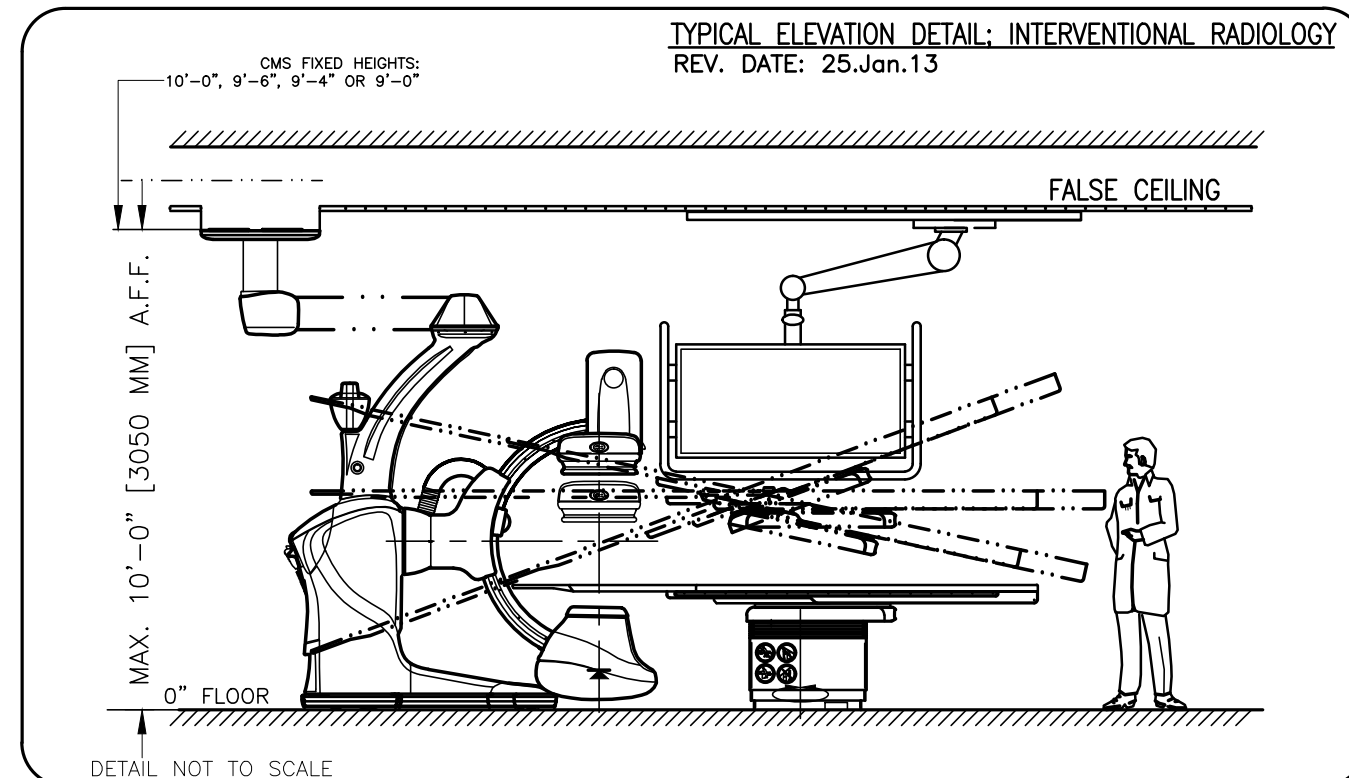
S100



SCALE: 1/4" = 1'-0"

STRUCTURAL LAYOUT

REQUIRED CEILING HEIGHT = 9'-7" OR HIGHER



STRUCTURAL SUPPORT METHODS

CUSTOMER/CONTRACTOR SUPPLIED AND INSTALLED ITEMS

| ITEM NO. | ITEM DESCRIPTION (* INDICATES EXISTING) |
|----------|--|
| 1 | UNISTRUT OR EQUIVALENT SUPPORTS FOR FASTENING THE OVERHEAD COUNTERPOISED SUSPENSION. SUPPORT TO BE LOCATED AS SHOWN. SUPPORT SHOULD RUN CONTINUOUS WITH NO FITTINGS EXTENDING BELOW FACE OF UNISTRUT CHANNEL, BE PARALLEL SQUARE AND IN THE SAME HORIZONTAL PLANE FLUSH WITH FINISHED CEILING. UNISTRUT REQUIRES 102 LBS/BOLT SUPPORT. METHODS OF SUPPORT THAT WILL PERMIT ATTACHMENT TO STRUCTURAL STEEL OR THROUGH BOLTS IN CONCRETE CONSTRUCTION SHOULD BE FAVORED. DO NOT USE SCREW ANCHORS IN DIRECT TENSION. |
| 2 | HATCHED AREA INDICATES MONITOR BRIDGE BEARING BLOCK PATH. NO CEILING MOUNTED EQUIPMENT SUCH AS SPRINKLER HEADS, LIGHTS, EXHAUST FANS ETC CAN BE PLACED IN THE HATCHED AREA. |
| 3 | UNISTRUT OR EQUIVALENT SUPPORT IN CEILING FOR FASTENING CEILING SUPPORTED EQUIPMENT. SUPPORTS TO RUN CONTINUOUS WITH NO FITTINGS EXTENDING BELOW FACE OF UNISTRUT 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 2'-0\"/> |

STRUCTURAL NOTES

- ALL STEEL WORK AND PARTS NECESSARY TO SUPPORT CEILING MOUNTED TUBE HANGER OR OTHER EQUIPMENT ARE TO BE SUPPLIED BY THE CUSTOMER OR HIS CONTRACTORS. THE UNISTRUT OR EQUIVALENT STRUCTURE SHOULD RUN CONTINUOUS WITH NO FITTINGS EXTENDING BELOW FACE OF UNISTRUT CHANNEL, RUN WALL TO WALL, BE PARALLEL, SQUARE AND IN THE SAME HORIZONTAL PLANE FLUSH WITH FINISHED CEILING. THE SYSTEM IS TO BE CROSS BRACED VERTICALLY, HORIZONTALLY AND DIAGONALLY TO ALLOW NO MOVEMENT AND A MAXIMUM OF 1.58mm (1/16") DEFLECTION. CLOSURE STRIPS SHALL BE PROVIDED FOR AREAS OF UNISTRUT EXPOSED AND WITHOUT MOUNTING UNITS.
- 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 AND DETAIL SHEETS FOR SUGGESTED 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.
- CONTROL WALLS WITH TUBE HANGER PASSAGE ABOVE SHALL BE CONSTRUCTED TO 2130mm (7'-0") HIGH.
- FLOOR SLABS ON WHICH EQUIPMENT IS TO BE INSTALLED MUST BE LEVEL TO 3,17mm (1/8") IN 3050mm (10'-0").
- 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"

GE Project Manager: TYP_FINAL_DC
Telephone: —
THE GE HP TECHNICAL SUPPORT GROUP IS AN ADDITIONAL RESOURCE THAT CAN PROVIDE ANSWERS FOR GENERAL GE PRODUCT SITING QUESTIONS AND CAN BE REACHED AT (877)-305-9677 OR MAILTO:HPTECHSUPPORT@ge.com

GE Healthcare
Healthcare Project Implementation - Design Center
Milwaukee, Wisconsin

SHEET TITLE: STRUCTURAL LAYOUT
MODALITY TYPE: DISCOVERY IGS
THIS PLAN IS SUBMITTED TO SURVEY LOCATION OF GE HEALTHCARE EQUIPMENT AND ASSOCIATED ELECTRICAL WIRING DETAILS AND ROOM ARRANGEMENTS. IN PREPARING THIS PLAN, EVERY EFFORT HAS BEEN MADE TO CONFORM TO THE ACTUAL CONSTRUCTION PURPOSES, DIMENSIONS AND THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE:
INTERVENTIONAL I.R.
TYPICAL FINAL DRAWINGS

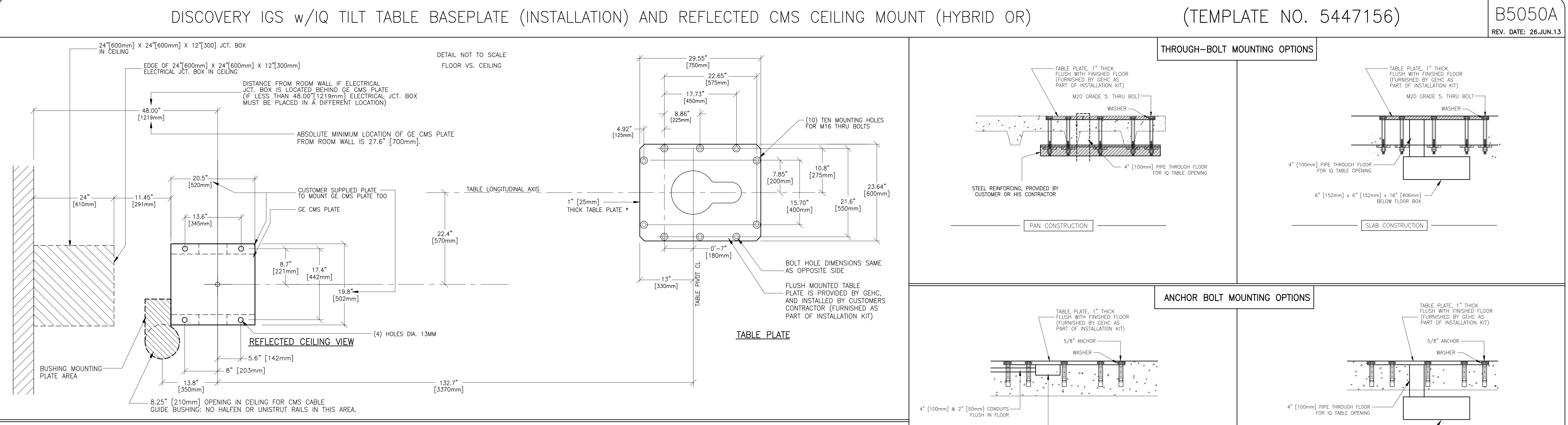
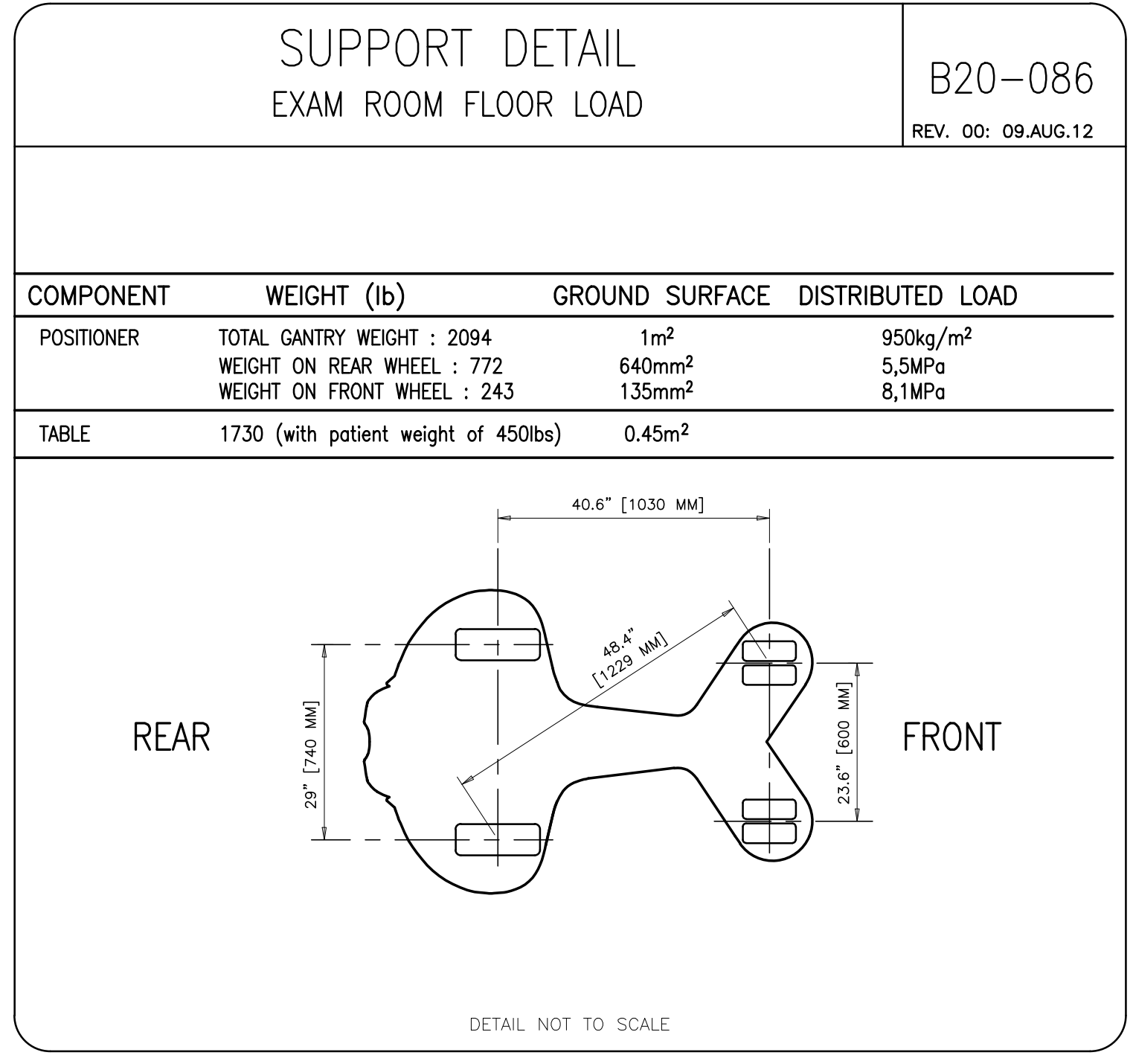
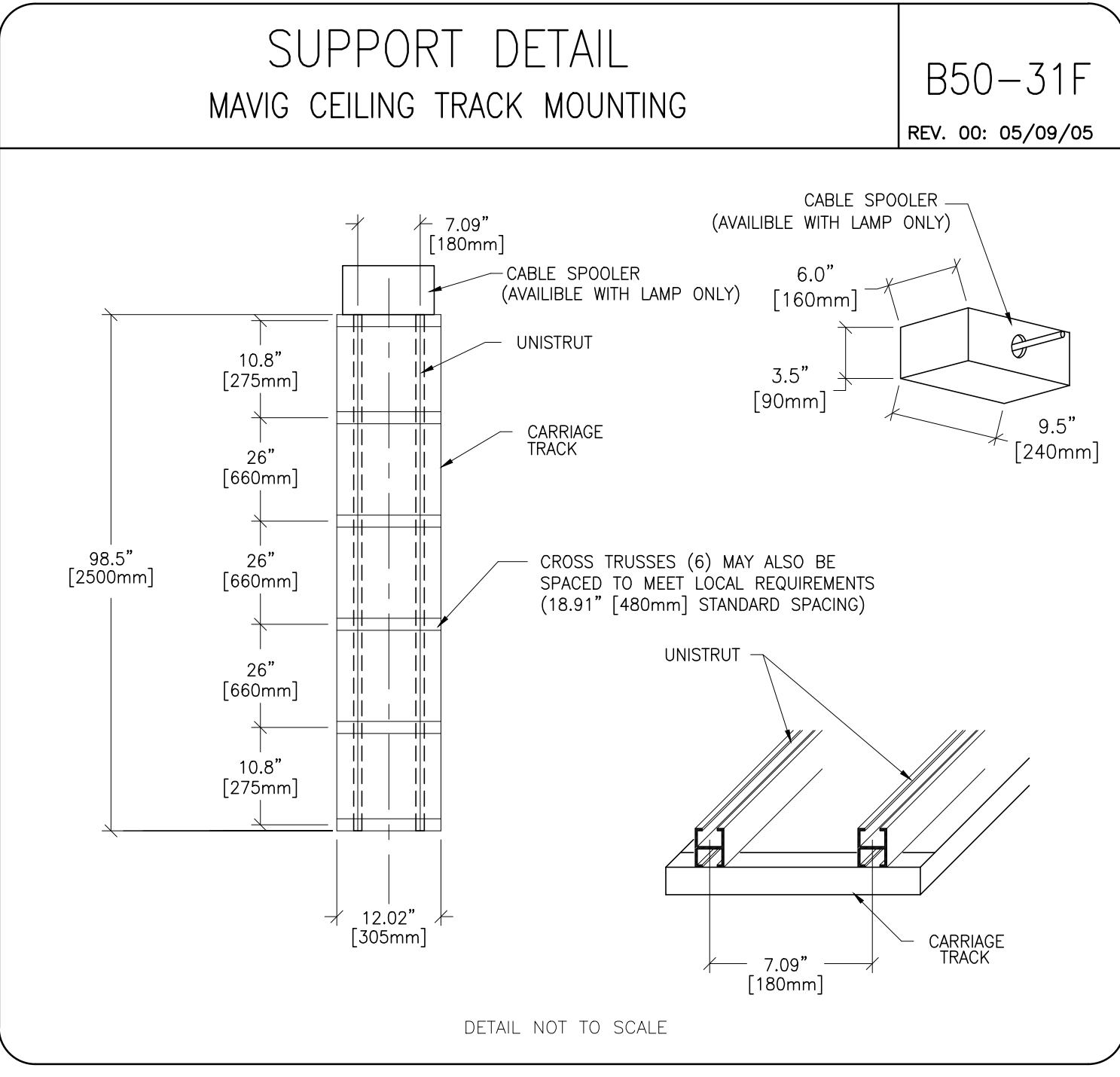
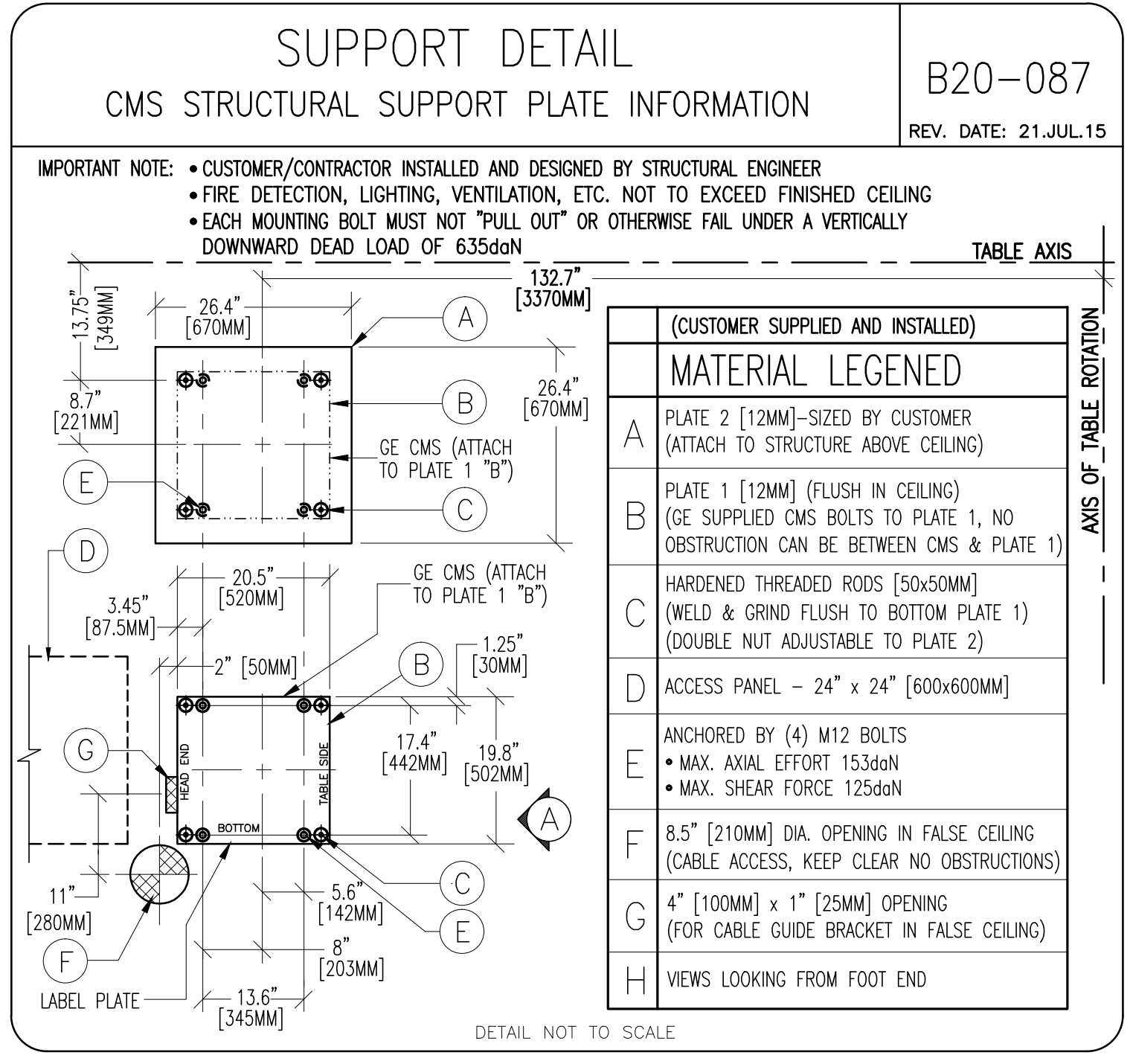
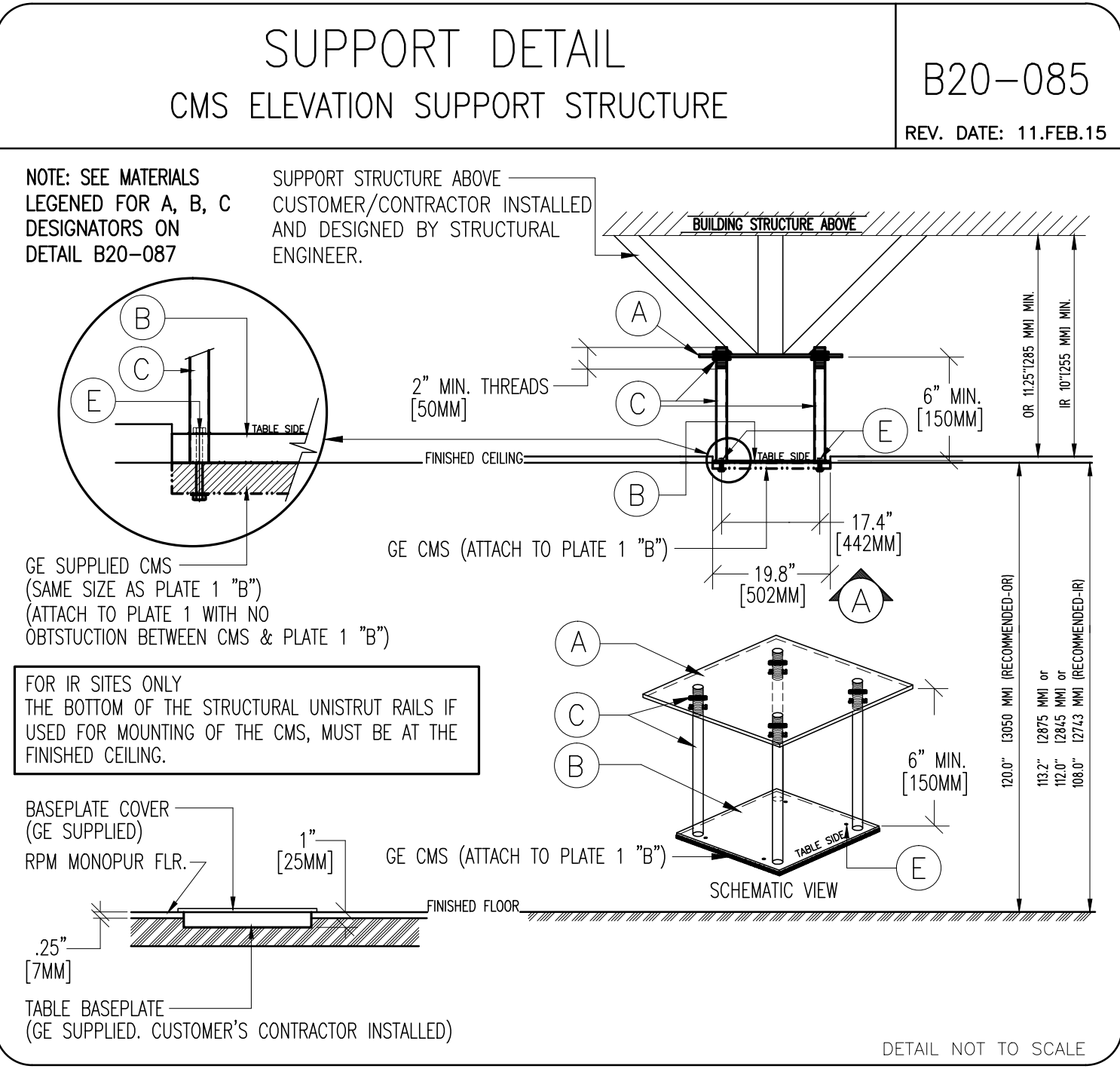
| PROJECT | REVISION |
|---------|----------|
| 4-92f | 01 |

DATE: 22.Oct.15
DRAWN BY: SLR
CHECKED BY: TST

REVISION HISTORY:

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SHEET
S1



WARNING!! THE CMS FIXATION POINT IS IN A FIXED POSITION WITH RESPECT TO THE TABLE POSITION, AS SHOWN IN THE DRAWING ABOVE:

PRIOR TO DRILLING MOUNTING HOLES CONTACT LOCAL GE HEALTHCARE INSTALLATION PROJECT MANAGER OR LEAD FIELD ENGINEER TO VERIFY THAT THE PROPER FULL SIZE FLOOR MOUNTING TEMPLATE IS USED.

Customer/Contractor Alert: It is the responsibility of the Customer or their Contractor to drill all anchor/thru-bolting holes for anchoring the table to the floor. Contact your local GE Project Installation Manager for the latest Preinstallation details.

NOTE: THRU BOLTING IS HIGHLY PREFERRED FOR THE INSTALLATION OF THE TABLE.
HARDENED BOLTS AND 4" x 4" [102mm x 102mm] STEEL PLATES TO BE USED ARE SUPPLIED BY GE HEALTHCARE AS INDICATED ON THE ACTUAL DETAIL DRAWING. BE ADVISED, HOWEVER, THAT ADDITIONAL SUPPORT STRUCTURES: STEEL BEAMS, PLATES, CORE BORING OF MOUNTING HOLES, ETC., ARE TO BE SUPPLIED AND INSTALLED BY THE CUSTOMER OR THEIR CONTRACTOR.

NOTE: IF THRU BOLTING IS NOT POSSIBLE, FLOOR ANCHORS CAN BE USED IF APPROVED BY CUSTOMERS STRUCTURAL ENGINEER. FOR ON GRADE INSTALLATIONS, MOUNTING KIT CAT. NO. 2286398 BE ORDERED. ANCHORS INCLUDED IN KIT SHOULD BE APPROVED BY CUSTOMERS STRUCTURAL ENGINEER. **NOTE: BASEPLATES MUST BE LEVEL WITHIN 1/32" [0.79mm]**

TILT TABLE BOLT FORCES FOR WORST CASE CONDITIONS

| LOADS | BOLT TENSION | BOLT SHEAR |
|-------|---|--|
| | MAXIMUM TENSION = 1938 lbs. [880 Kg]/BOLT | MAXIMUM SHEAR = 407 lbs. [185 Kg]/BOLT |

NOTE: JOISTS MUST BE SPANNED WITH STEEL REINFORCING. SIZE AND THICKNESS OF STEEL DETERMINED BY THE ACTUAL PAN CONSTRUCTION ON SITE. STEEL PLATES, CHANNELS OR BEAMS MAY BE USED.

NOTE: DETERMINE THE POSITION OF THE "REBARS" IN THE CONCRETE FLOOR SO ANCHOR HOLES WILL NOT RUN INTO THEM.

GE Healthcare

Healthcare Project Implementation - Design Center

Minneapolis, MN

SHEET TITLE: STRUCTURAL DETAILS

MODALITY TYPE: DISCOVERY IGS

THIS PLAN IS SUBMITTED TO SURVEY LOCATION OF GE HEALTHCARE EQUIPMENT AND ASSOCIATED APPARATUS, ELECTRICAL WIRING DETAILS AND ROOM ARRANGEMENTS. IN PREPARING THIS PLAN, EVERY EFFORT HAS BEEN MADE TO CONFORM TO THE ACTUAL CONSTRUCTION PURPOSES AND THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE: INTERVENTIONAL I.R.

TYPICAL FINAL DRAWINGS

| PROJECT | REVISION |
|---------|----------|
| 4-92f | 01 |

DATE: 22.Oct.15
DRAWN BY: SLR
CHECKED BY: TST

REVISION HISTORY:

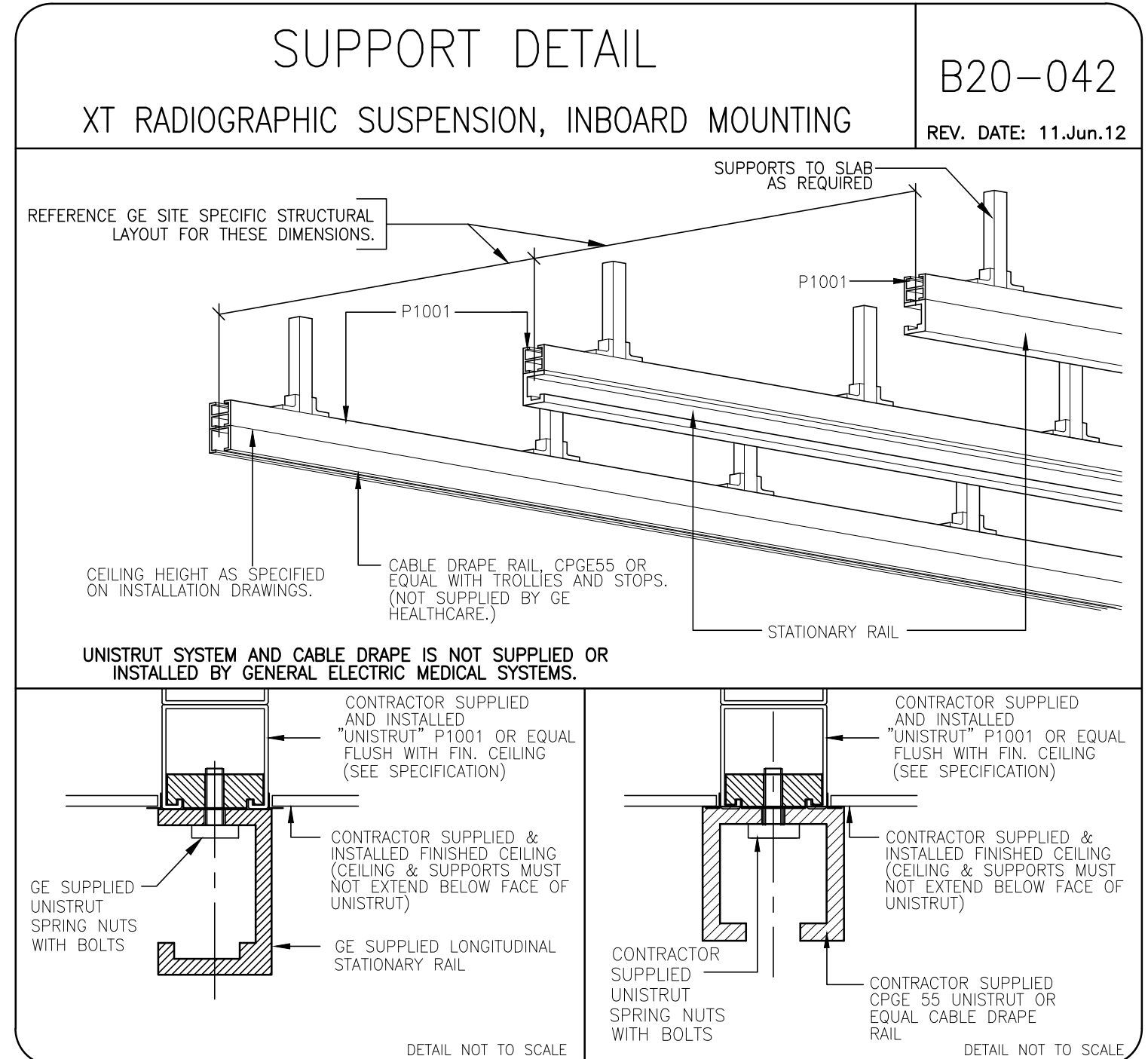
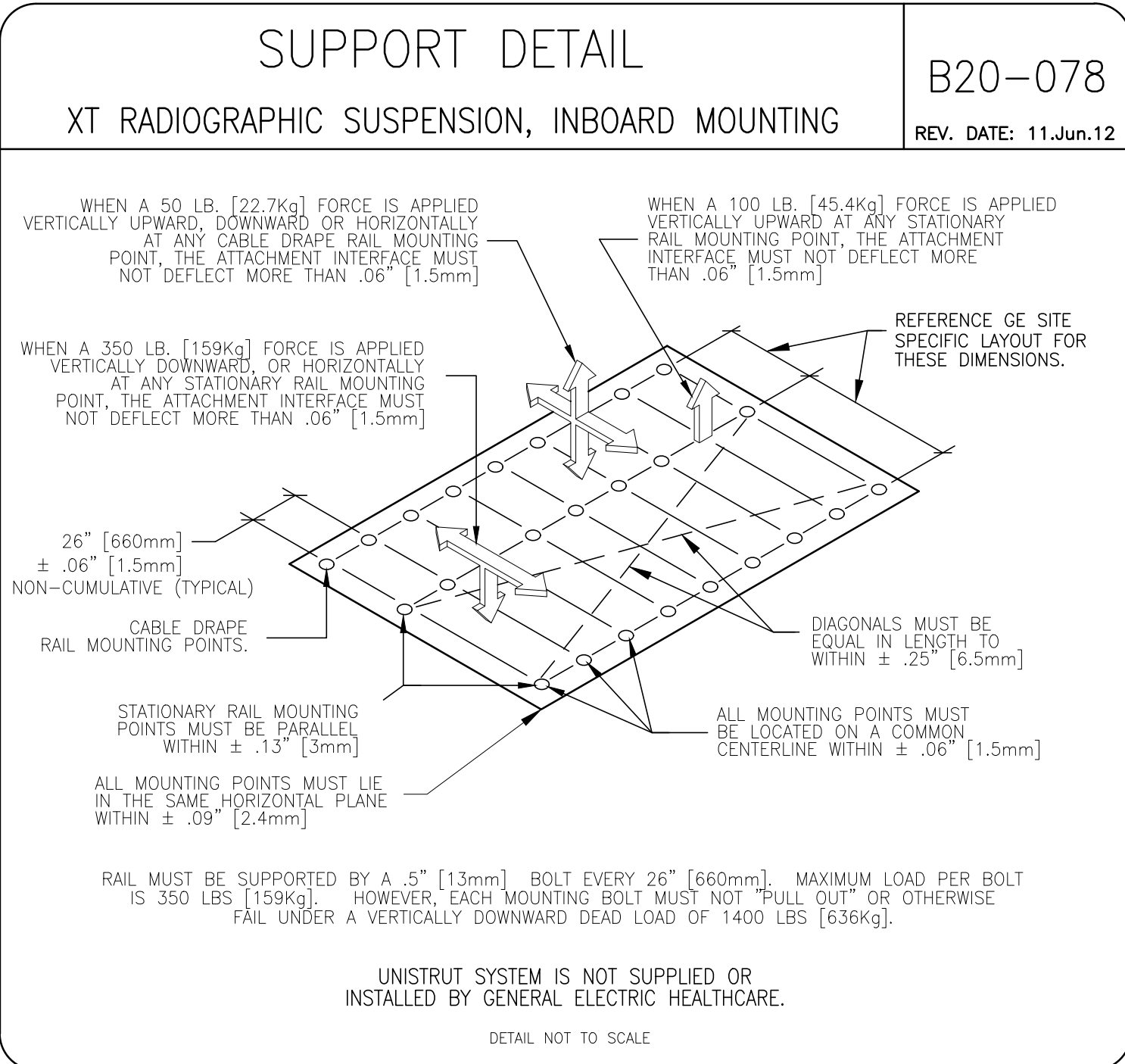
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SHEET

S2

PIM R1

RQ - 155702



GE Healthcare
 Healthcare Project Implementation - Design Center
 Milwaukee, Wisconsin

SHEET TITLE: **DISCOVERY IGS**
 MODALITY TYPE: **DISCOVERY IGS**

THIS PLAN IS SUBMITTED TO SUGGEST LOCATION OF GE HEALTHCARE EQUIPMENT AND ASSOCIATED APPARATUS, ELECTRICAL WIRING DETAILS AND ROOM ARRANGEMENTS. IN PREPARING THIS PLAN, EVERY EFFORT HAS BEEN MADE TO CONFORM DETAILS TO THE MANUFACTURER'S INSTRUCTIONS TO THE USER AND THE LOCAL OR ACTING CONSTRUCTION DEPARTMENT. GE HEALTHCARE AND THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE: **INTERVENTIONAL I.R.**
 TYPICAL FINAL DRAWINGS

| PROJECT | REVISION |
|-------------|-----------|
| 4-92f | 01 |
| DATE: | 22.Oct.15 |
| DRAWN BY: | SLR |
| CHECKED BY: | TST |

REVISION HISTORY:

SHEET
S3

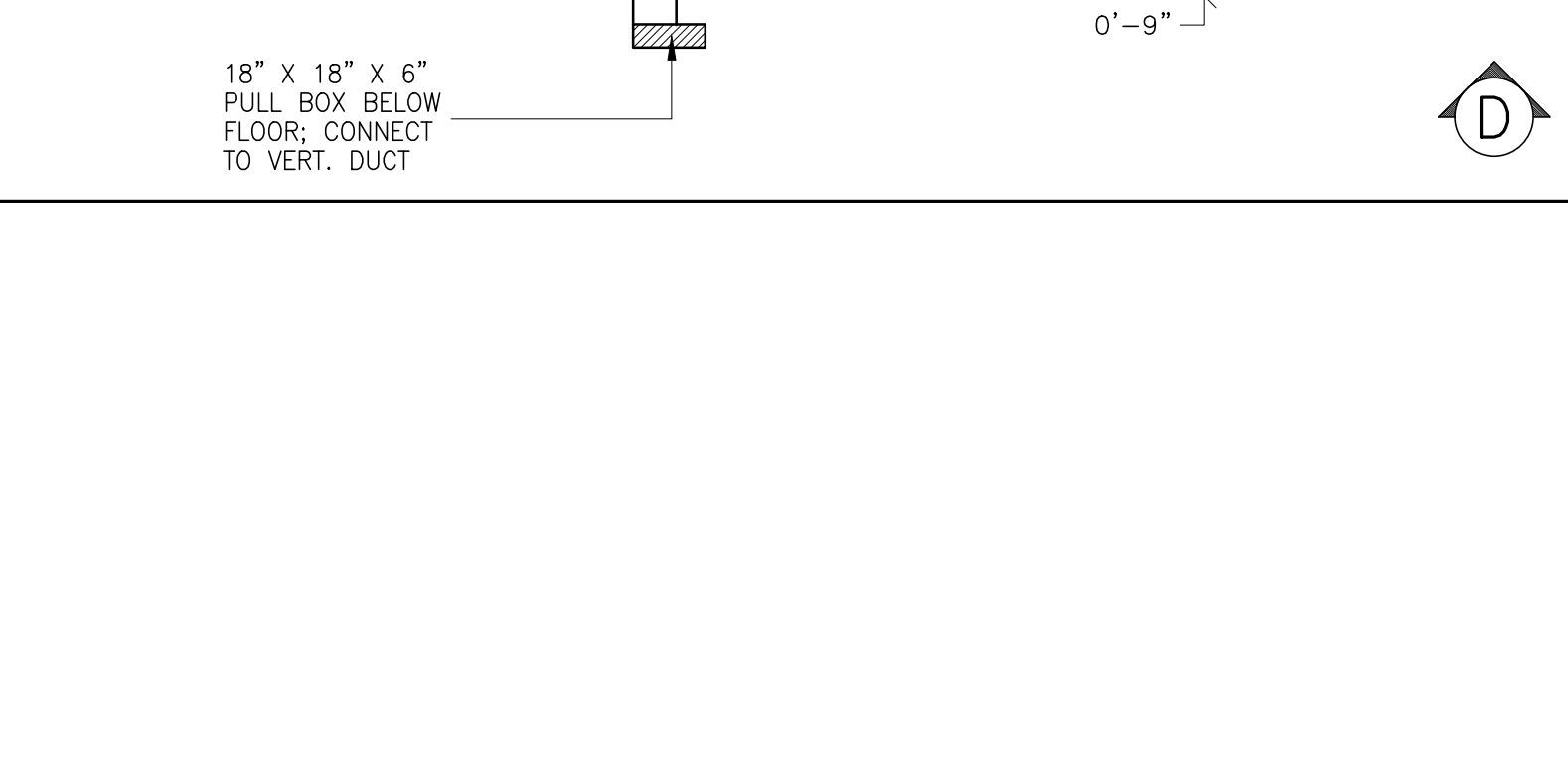
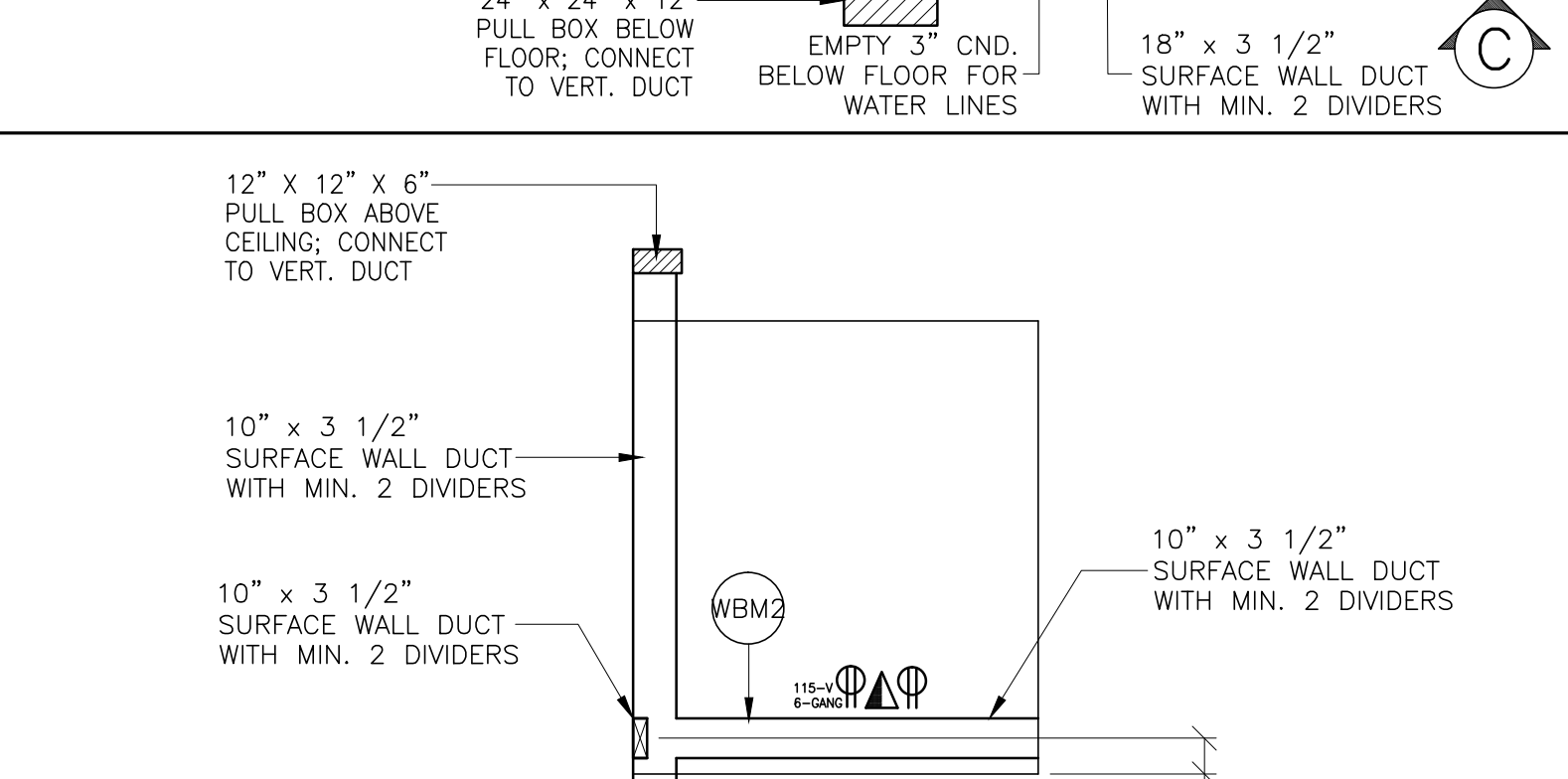
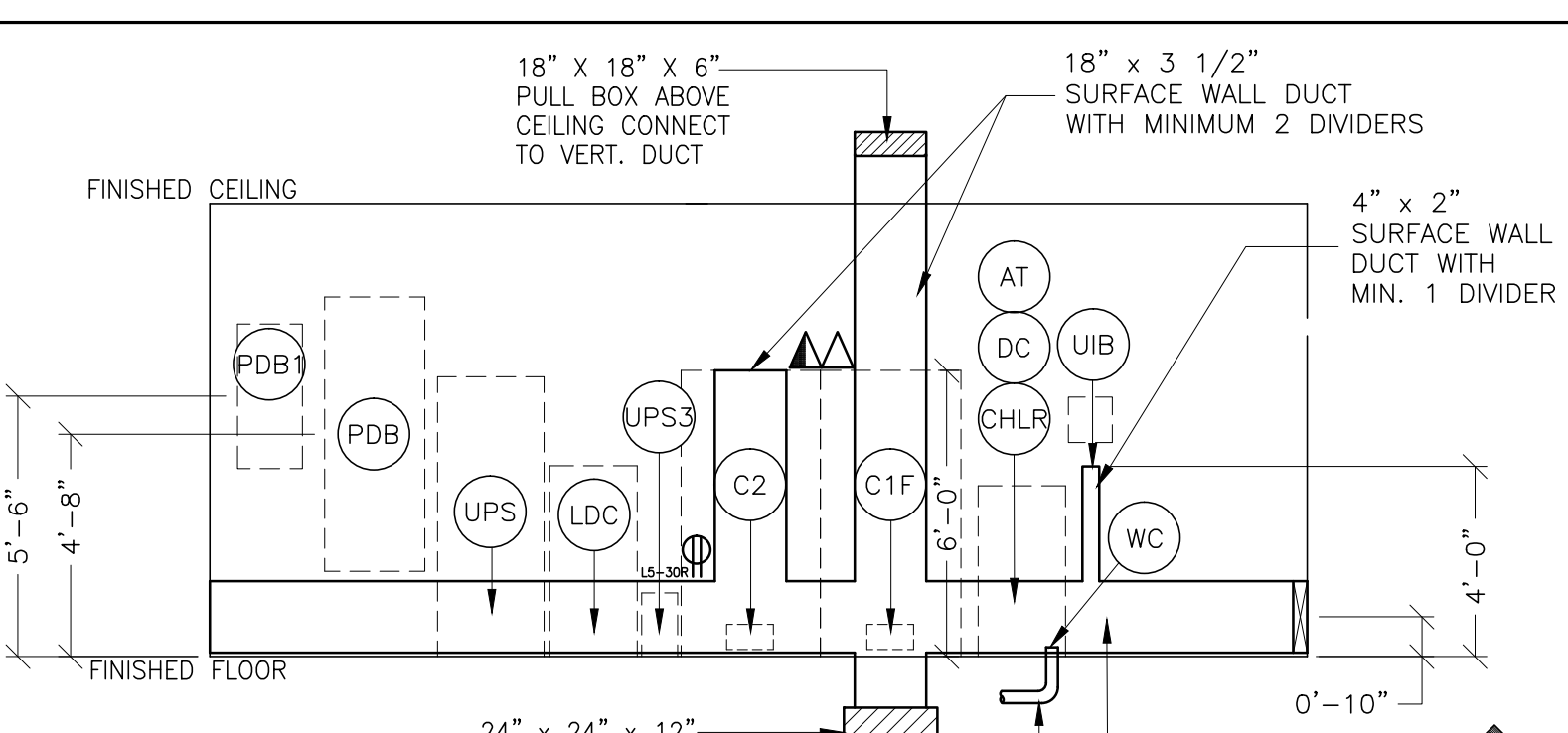
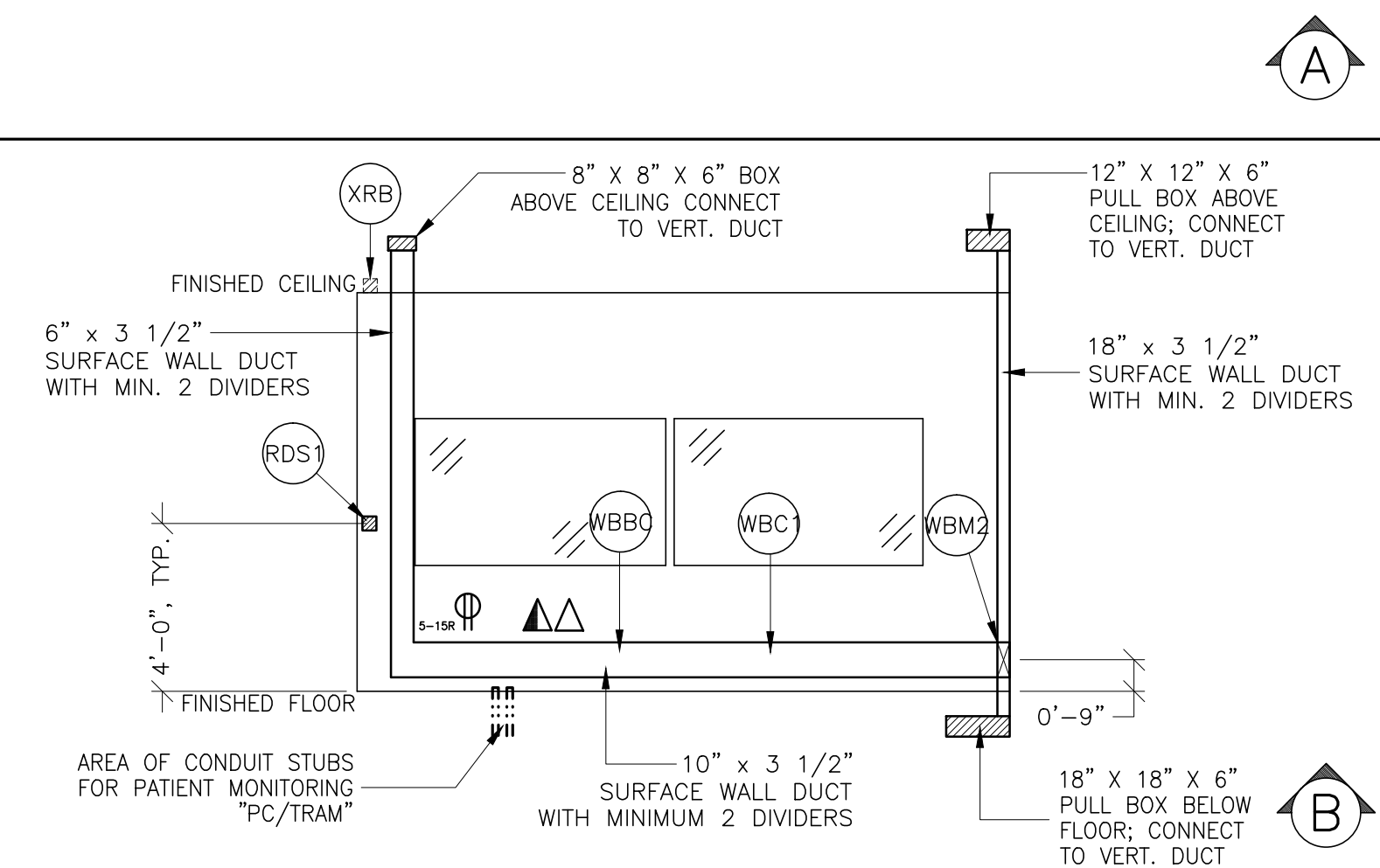
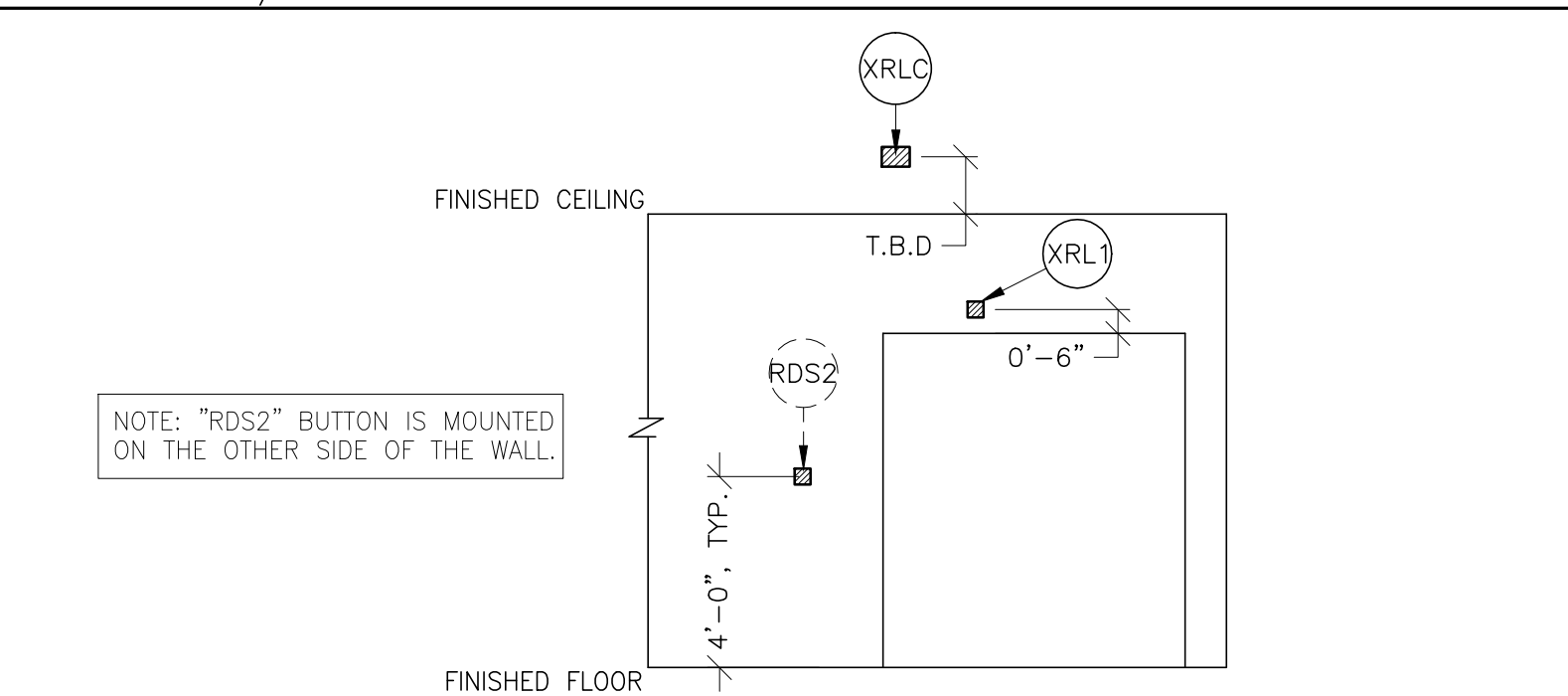
PIM R1
 RQ - 155702

SCALE: 1/4" = 1'-0"

ELECTRICAL PLAN

REQUIRED CEILING HEIGHT = 9'-7" OR HIGHER

JUNCTION POINT DESCRIPTIONS



ELECTRICAL OUTLET LEGEND table with symbols and descriptions for various outlet types and power ratings.

CONTACT YOUR LOCAL CARDIO VASCULAR PROJECT MANAGER, INSTALLATIONS (CVPM) FOR ANY MODIFICATIONS TO ROOM LAYOUT.

BEFORE PROCEEDING WITH INSTALLATION OF CEILING MOUNTED FIXTURES, PLEASE REFER TO STRUCTURAL SHEET S1 FOR LOCATIONS OF UNISTRUT AND OTHER STRUCTURAL SUPPORTED EQUIPMENT IN CEILING.

NOTE: SUGGESTION THAT COLOR CODED PHASE CABLEING BE USED EITHER BY COLORED WIRES OR COLORED TAPE.

A COMPLETE REVIEW OF ELECTRICAL OPTIONS MUST BE DISCUSSED WITH YOUR GE PROJECT MANAGER OF INSTALLATIONS, BEFORE BIDDING BEGINS.

CONDUIT RUNS: DISCOVERY IGS 730

Table listing conduit runs for base system, from points WBM1/LDM, LDC, and LDM to various equipment.

Table listing conduit runs for base system, from points LUS, WBC1, and WBC1 to various equipment.

Table listing conduit runs from points XRLC, XRLC, and XRLC to various equipment.

Table listing conduit runs from point WBC2 to various equipment.

Table listing conduit runs from point XRB to various equipment.

Table listing conduit runs from point LMP to various equipment.

Table listing conduit runs from point WC to various equipment.

Table listing conduit runs from points PDB, PDB, PDB, PDB, and PDB to various equipment.

Table listing conduit runs from points PDB, PDB, and PDB1 to various equipment.

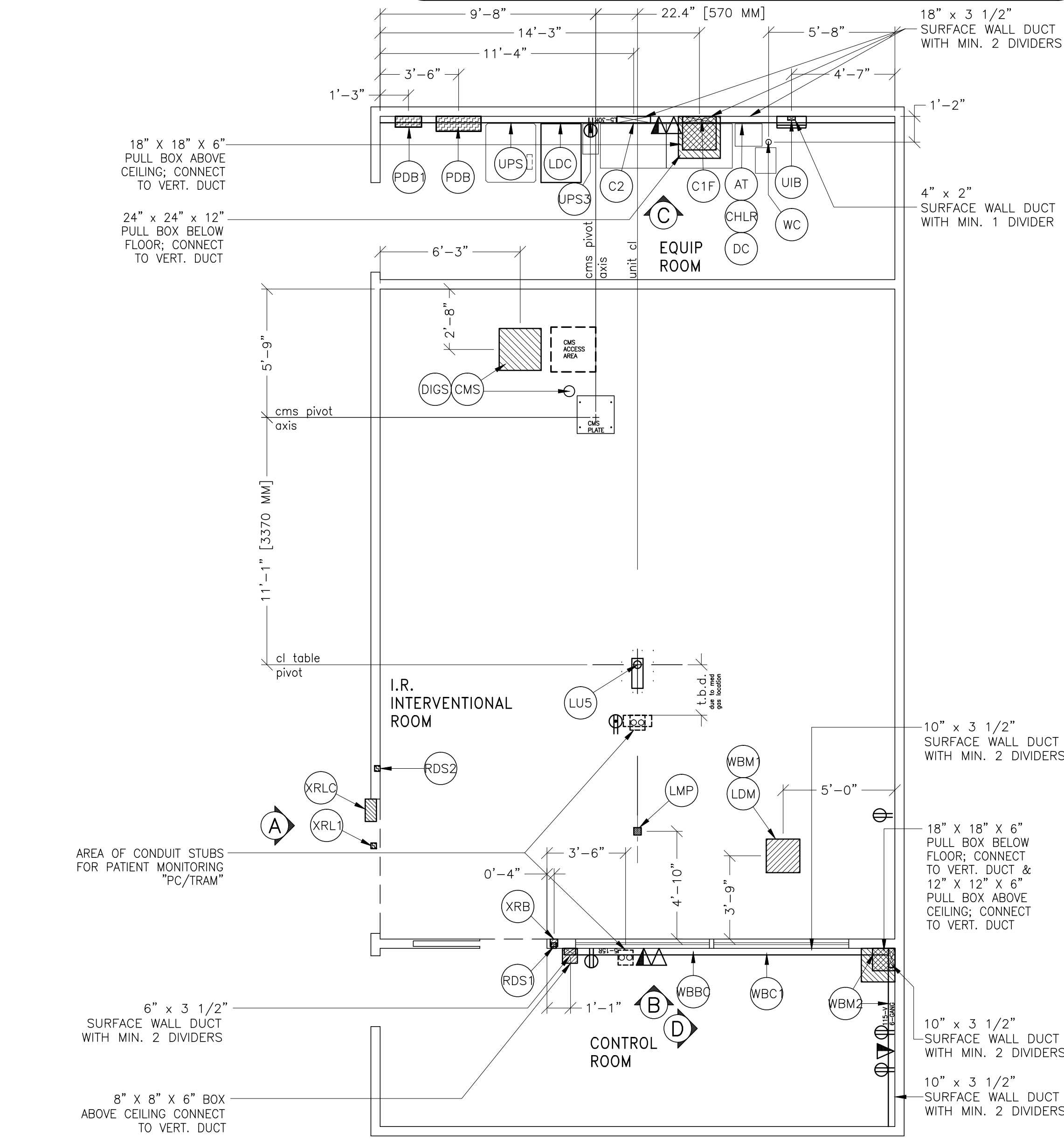
Table listing conduit runs for generic physio and PC/IVUS.

FEEDER TABLE REV. DATE: 10.AUG.12

Feeder table with columns for run length, power supply voltage, and feeder/ground specifications.

JUNCTION POINT NOTES

- List of notes regarding junction boxes, conduit runs, ductwork requirements, and grounding specifications.



JUNCTION POINT DESCRIPTIONS table with columns for point, description, quantity, hardware, and detail number.

CONTRACTOR SUPPLIED AND INSTALLED WIRING

Table detailing contractor supplied and installed wiring, including wire run, quantity, and wire size/color.

GE Healthcare logo and project information: Healthcare Project Implementation - Design Center Milwaukee.

SHEET TITLE: ELECTRICAL LAYOUT MODALITY TYPE: DISCOVERY IGS. Includes disclaimer text.

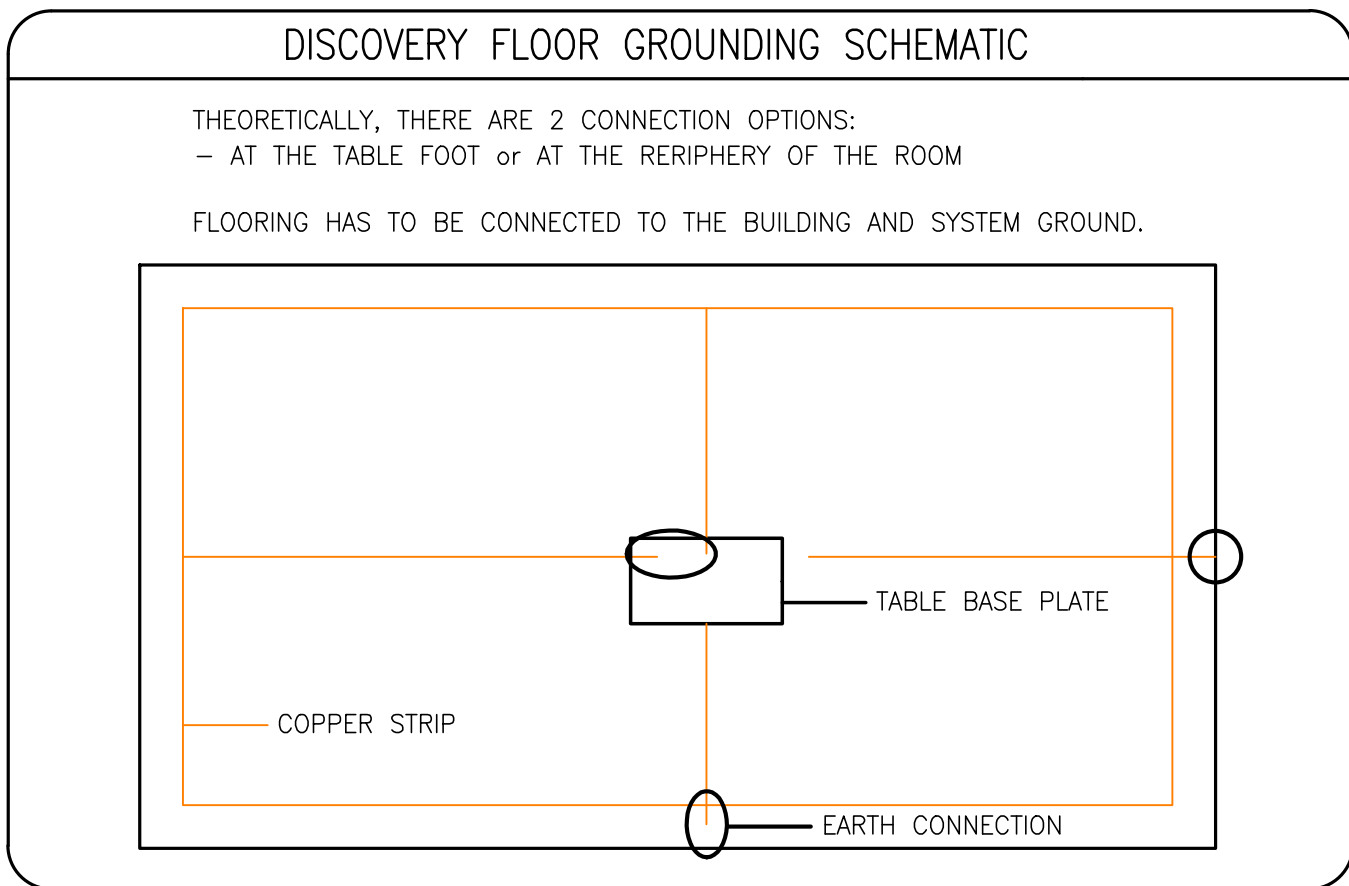
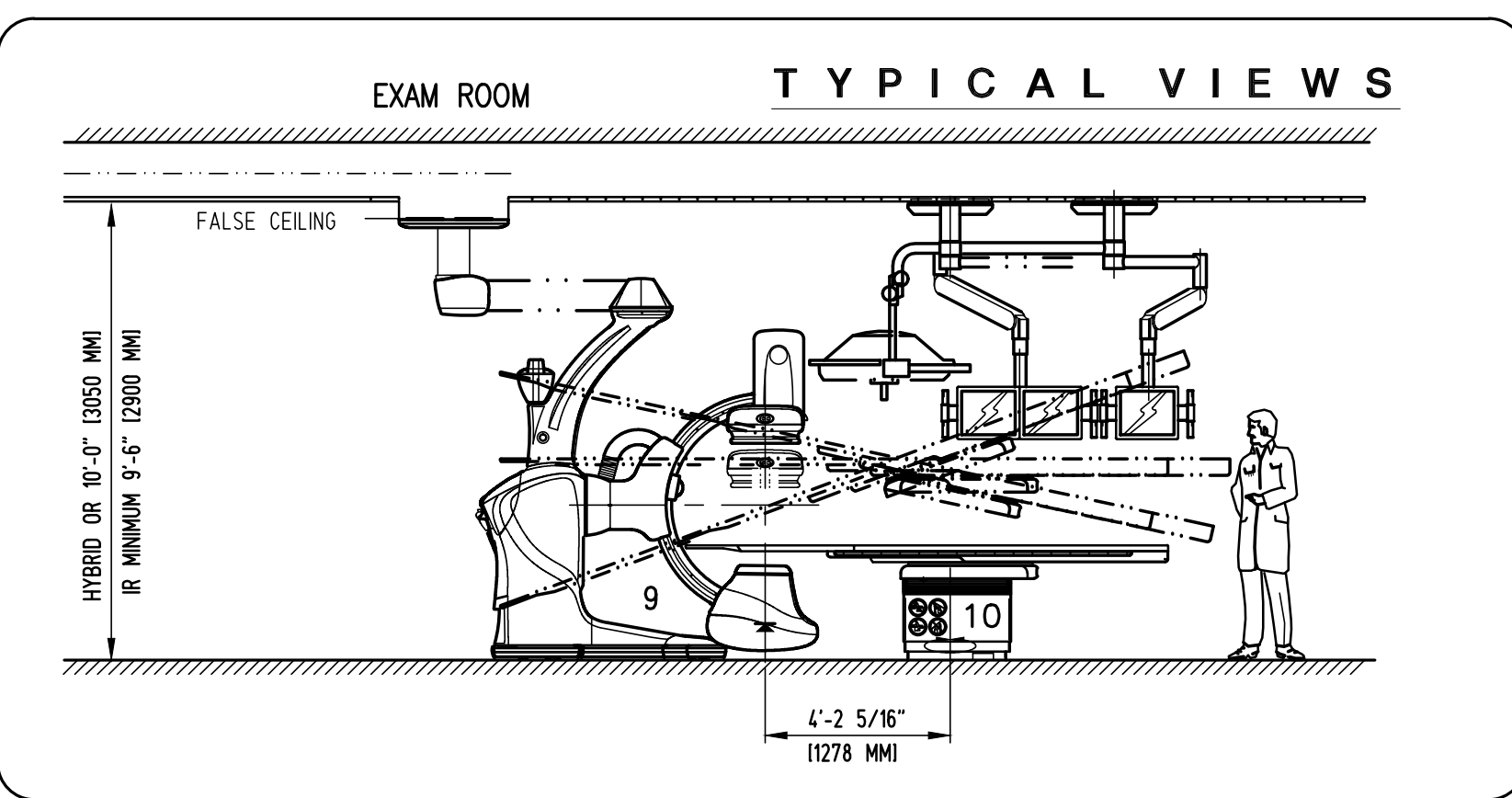
PROJECT TITLE: INTERVENTIONAL I.R. TYPICAL FINAL DRAWINGS.

PROJECT REVISION table with columns for project, revision, date, and drawn by.

REVISION HISTORY table with columns for revision number and description.

SHEET E1

INTERCONNECT DIAGRAM



POWER SPECIFICATIONS

DISCOVERY IGS SYSTEM
REV. DATE: 10.AUG.12

VOLTAGE: PRIMARY SOURCE IS REQUIRED FOR ALL INSTALLATIONS.
RANGE OF LINE VOLTAGES:
NOMINAL LINE VOLTAGE OF 380 TO 480, 3 PHASE, 50 OR 60 HZ

REQUIRED POWER SUPPLY: WYE DISTRIBUTION

MAXIMUM DAILY VOLTAGE VARIATION MUST FALL WITHIN ONE OF THE RANGES IN TABLE A.

| NOMINAL VOLTAGE | NORMAL RANGE ±10 PERCENT | CURRENT (AMPS) | |
|-----------------|--------------------------|----------------|------------|
| | | MAX. MOMENTARY | CONTINUOUS |
| 380 | 342-418 | 260 | 30 |
| 400 | 360-440 | 247 | 29 |
| 415 | 374-456 | 238 | 28 |
| 480 | 432-528 | 206 | 24 |

ALL CALCULATIONS BASED UPON NOMINAL VOLTAGE

LOW LINE CONDITIONS MAY INHIBIT SOME HIGH KVP TECHNIQUES. THE GENERATOR AUTOMATICALLY ESTABLISHES THESE INHIBITS BASED ON ACTUAL LINE CONDITIONS AND SYSTEM REGULATION.

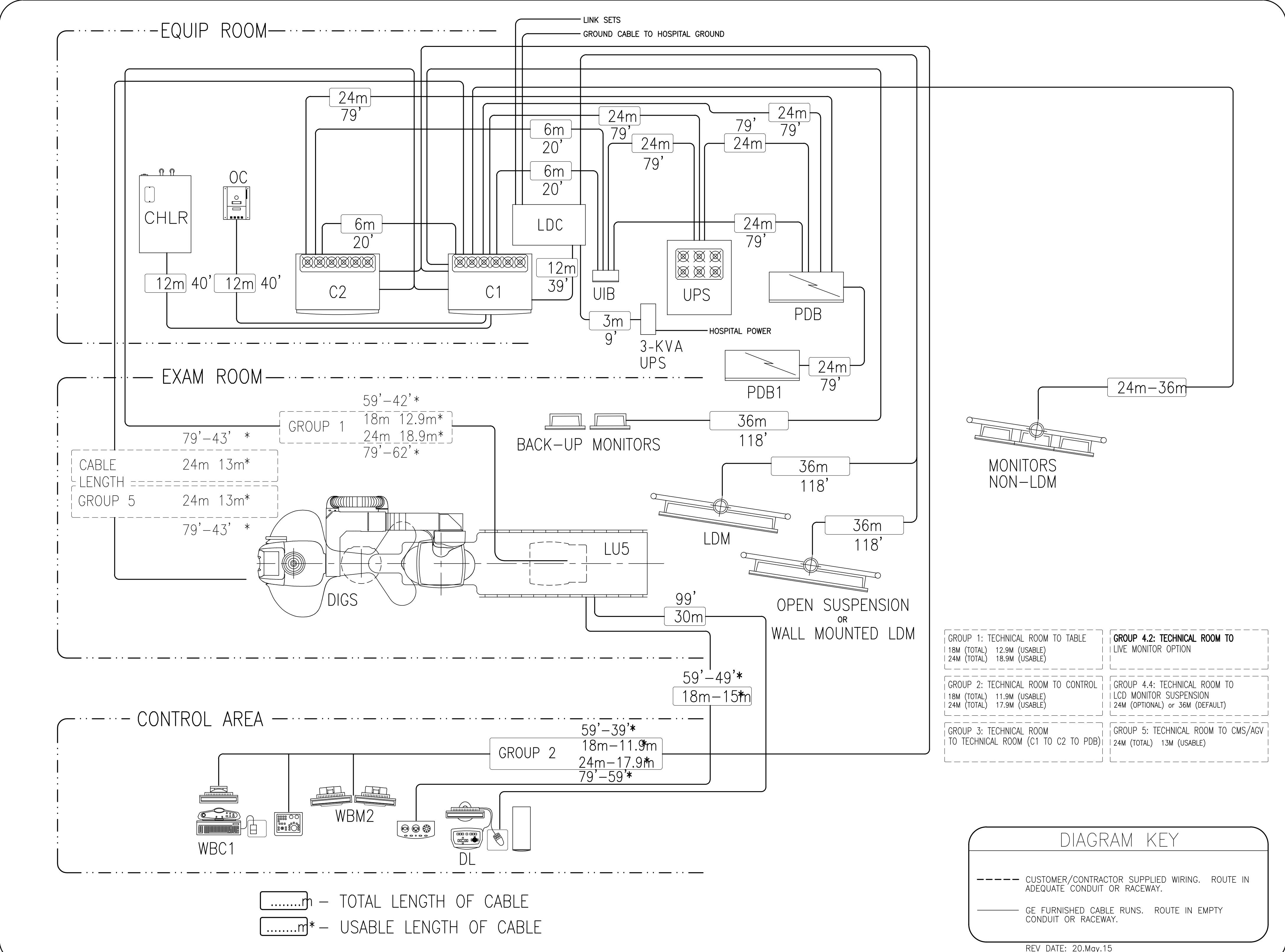
PHASE-BALANCE: PHASE-TO-PHASE VOLTAGES MUST BE WITHIN +2 PERCENT OF THE LOWEST PHASE-TO-PHASE VOLTAGE. MAXIMUM ALLOWABLE TRANSIENT VOLTAGE EXCURSIONS ARE 2.5 PERCENT OF RATED LINE VOLTAGE AT A MAXIMUM DURATION OF 5 CYCLES AND FREQUENCY OF 10 TIMES PER HOUR.

DEMAND: CONTINUOUS POWER DEMAND = 20KVA. (MAX DEMAND = 171 KVA)

| DEMAND | GENERATOR SYSTEM |
|-----------------------|------------------|
| kVA * POWER FACTOR AT | 171 0.9 |
| mA | 1250 |
| kVp | 80 |

* DEMAND INCLUDES POWER FOR ENTIRE GENERATOR SYSTEM. LINE VOLTAGE REGULATION AT MAXIMUM POWER DEMAND MUST BE LESS THAN OR EQUAL TO 6 PERCENT.

DISTRIB- FORMER: FOR A SINGLE UNIT INSTALLATION, THE MINIMUM TRANSFORMER SIZE IS 225 KVA.



ELECTRICAL NOTES

- NOTE 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. ALUMINUM OR SOLID WIRES ARE NOT ALLOWED.
- NOTE 2: WIRE SIZES GIVEN ARE FOR USE OF EQUIPMENT. LARGER SIZES MAY BE REQUIRED BY LOCAL CODES.
- NOTE 3: IT IS RECOMMENDED THAT ALL WIRES BE COLOR CODED, AS REQUIRED IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRICAL CODES.
- NOTE 4: CONDUIT SIZES SHALL BE VERIFIED BY THE ARCHITECT, ELECTRICAL ENGINEER OR CONTRACTOR, IN ACCORDANCE WITH LOCAL OR NATIONAL CODES.
- NOTE 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.
- NOTE 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.
- NOTE 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).
- NOTE 8: CONDUIT TURNS TO HAVE LARGE, SWEEPING BENDS WITH MINIMUM RADIUS IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRICAL CODES.
- NOTE 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.
- NOTE 10: THE MAXIMUM POINT TO POINT DISTANCES ILLUSTRATED ON THIS DRAWING MUST NOT BE EXCEEDED.
- NOTE 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.
- NOTE 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.

DIAGRAM KEY

- CUSTOMER/CONTRACTOR SUPPLIED WIRING. ROUTE IN ADEQUATE CONDUIT OR RACEWAY.
- GE FURNISHED CABLE RUNS. ROUTE IN EMPTY CONDUIT OR RACEWAY.

GE Healthcare

Healthcare Project Implementation - Design Center

Wisconsin

SHEET TITLE: ELECTRICAL SPECIFICATIONS

MODALITY TYPE: DISCOVERY IGS

THIS PLAN IS SUBMITTED TO SUPPORT LOCATION OF GE HEALTHCARE EQUIPMENT AND ASSOCIATED APPARATUS. ELECTRICAL WIRING DETAILS AND ROOM ARRANGEMENTS IN PREPARING THIS PLAN, EVERY EFFORT HAS BEEN MADE TO CONFORM TO DETAILS AND SPECIFICATIONS OF THE MANUFACTURER. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL CONSTRUCTION PURPOSES, DIMENSIONS AND THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE: INTERVENTIONAL I.R.

TYPICAL FINAL DRAWINGS

| PROJECT | REVISION |
|---------|----------|
| 4-92f | 01 |

DATE: 22.Oct.15

DRAWN BY: SLR

CHECKED BY: TST

REVISION HISTORY:

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SHEET

E2

ELECTRICAL DETAIL BOX WITH COVERPLATE (TYPICAL)

ELEC-8
REV. DATE: 09/30/94

OUTLET BOX
HARDWARE

DETAIL NOT TO SCALE

ELECTRICAL DETAIL X-RAY WARNING LIGHT & ROOM LIGHT CONTROL PANEL

ELEC-157
REV. DATE: 04/23/09

FROM GE IMAGING SYSTEM ON SIGNAL IN "C2" CABINET
MAXIMUM 24-VAC

E4502SS
X-RAY ROOM WARNING LIGHT / ROOM LIGHTING CONTROL PANEL
X-RAY WARNING LIGHT OR ROOM LIGHT ARE NOT PART OF THIS CAT. NO.

X-RAY WARNING LIGHT
ROOM LIGHTS

THE E4502SS IS RECOMMENDED IF "X-RAY ON" WARNING LIGHT AND ROOM LIGHT CONTROL ARE UTILIZED

THE R4502RL IS RECOMMENDED IF "X-RAY ON" WARNING LIGHT ONLY

E4502RL
X-RAY ROOM WARNING LIGHT CONTROL PANEL
X-RAY WARNING LIGHT IS NOT PART OF THIS CAT. NO.

FROM GE IMAGING SYSTEM ON SIGNAL IN "C2" CABINET
MAXIMUM 24-VAC

X-RAY WARNING LIGHT

CONTROL PANEL CAN BE LOCATED ABOVE THE CEILING NEAR THE WARNING LIGHT
UNLESS SPECIFIED ON SHEET A1 AS BEING INCLUDED ON EQUIPMENT ORDER,
ALL ITEMS ILLUSTRATED ARE TO BE FURNISHED AND INSTALLED BY CUSTOMER'S CONTRACTOR

ELECTRICAL DETAIL EMERGENCY OFF BUTTON

ELEC-16
REV. DATE: 05/14/09

PLAN VIEW
FRONT VIEW
SIDE VIEW

SINGLE GANG BOX SUPPLIED BY CONTRACTOR

PLATE & OFF BUTTON

2 1/2" [64mm]

DETAIL NOT TO SCALE

ELECTRICAL DETAIL TABLE INTERCONNECTION - BOX BELOW FLOOR

ELEC-48
REV. DATE: 01/04/96

HARDWARE
FINISHED FLOOR

DETAIL NOT TO SCALE

ELECTRICAL DETAIL TABLE INTERCONNECT DETAIL, UNDER FLOOR

ELEC-134
REV. DATE: 05/10/04

POSITIONER SIDE
FLUSH MOUNTED FLOOR PLATE
(FLOOR)
(FLOOR)

(1)2" AND (1)4" CONDUIT FROM POSITIONER *** OR *** DUCTWORK AS SHOWN ON E1

4" [100MM] PIPE THROUGH FLOOR TO CABLE ACCESS FOR OMEGA 5 TABLES

4" [100MM] PIPE THROUGH FLOOR TO CABLE ACCESS FOR IQ TILT TABLES

6" x 6" x 16" BOX [152mm x 152mm x 406mm]

NOTE: PIPE, JUNCTION BOX AND DUCT or CONDUIT ARE TO BE SUPPLIED AND INSTALLED BY CUSTOMER or CUSTOMER'S CONTRACTOR.

DETAIL NOT TO SCALE

ELECTRICAL DETAIL HORIZONTAL WALL DUCT (TYPICAL)

ELEC-5
REV. DATE: 03/19/04

TYPICAL WALL DUCT
REMOVABLE DUCT COVER
ELECTRICAL DUCT
COVER PLATE TO BE REMOVABLE
RUBBER GROMMET
ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL SCREWS AS SHOWN

| DUCT WIDTH | MINIMUM DIVIDERS REQUIRED |
|-------------|---------------------------|
| 24" [610mm] | 2 |
| 18" [457mm] | 2 |
| 10" [254mm] | 2 |
| 6" [152mm] | 1 |
| 4" [102mm] | 1 |

REFER TO CHART FOR MINIMUM DIVIDER REQUIREMENT LOCAL CODES MAY REQUIRE ADDITIONAL DIVIDERS

DETAIL NOT TO SCALE

ELECTRICAL DETAIL VERTICAL WALL DUCT (TYPICAL)

ELEC-6
REV. DATE: 03/19/04

ELECTRICAL DUCT
REMOVABLE DUCT COVER
GROMMETED OPENING
RUBBER GROMMET
COVER PLATE TO BE REMOVABLE
ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL SCREWS AS SHOWN

| DUCT WIDTH | MINIMUM DIVIDERS REQUIRED |
|-------------|---------------------------|
| 24" [610mm] | 2 |
| 18" [457mm] | 2 |
| 10" [254mm] | 2 |
| 6" [152mm] | 1 |
| 4" [102mm] | 1 |

REFER TO CHART FOR MINIMUM DIVIDER REQUIREMENT LOCAL CODES MAY REQUIRE ADDITIONAL DIVIDERS

DETAIL NOT TO SCALE

ELECTRICAL DETAIL INNOVA PLUS MAIN DISCONNECT PANEL

ELEC-161
REV. DATE: 09/27/10

TOP VIEW
FRONT VIEW
BOTTOM VIEW

26.78" [680.2mm]
SPACE FOR INCOMING HOSPITAL INPUT WIRES

9.125" [231.78mm]
SPACE FOR INCOMING CONDUIT AREA BOTH SIDES

72.68" [1846.072mm]
72.72" [1847.09mm]

8" [203.2mm]
SPACE FOR INCOMING UPS WIRES

NOTE: LINE WIRES MUST NOT BE MIXED.

DETAIL NOT TO SCALE

ELECTRICAL DETAIL J.B. / WALL DUCT DETAIL (TYPICAL)

ELEC-2
REV. DATE: 09/30/94

REMOVABLE COVER
JUNCTION BOX ABOVE CEILING
PARTITION
CNDS. ABOVE CEILING
REMOVABLE COVER
FINISHED CEILING

DETAIL NOT TO SCALE

ELECTRICAL DETAIL INSITE CONNECTION (TYPICAL)

ELEC-1
REV. DATE: 04/24/02

ONE OF THE FOLLOWING TWO SELECTIONS MUST BE INSTALLED AT THE LOCATION SHOWN ON THE ELECTRICAL PLAN (SHEET E1) FOR GE INSITE CONNECTION BASED UPON SYSTEM CONFIGURATION.

A) ONE INTERNET ACCESSIBLE VIRTUAL PRIVATE NETWORK (VPN) CONNECTION WITH A STATIC IP ADDRESS, AND ONE TELEPHONE LINE - DEDICATED-DIRECT-DIALING, VOICE GRADE.

OR

B) TWO TELEPHONE LINES - ONE DEDICATED DIRECT-DISTANCE-DIALING, VOICE GRADE AND ONE A DEDICATED DATA LINE.

FINISHED CEILING
1" CONDUIT FROM J.B. TO ABOVE FINISHED CEILING.
TO BE DETERMINED
FINISHED FLOOR

SINGLE GANG J.B.
COVERPLATE WITH TWO TELEPHONE RECEPTACLES OR ONE TELEPHONE RECEPTACLE AND ONE NETWORK RECEPTACLE

ALL ITEMS ILLUSTRATED ARE TO BE FURNISHED AND INSTALLED BY CUSTOMER OR THEIR CONTRACTOR.

DETAIL NOT TO SCALE

ELECTRICAL DETAIL BOX WITH COVERPLATE AND NETWORK JACK

ELEC-83
REV. DATE: 10/06/98

BOX
NETWORK JACK
COVERPLATE

DETAIL NOT TO SCALE

ELECTRICAL DETAIL NETWORK CONNECTION (TYPICAL)

ELEC-84
REV. DATE: 03/06/04

LOCAL AREA NETWORK
FINISHED CEILING
1/2" CONDUIT FROM J.B. TO ABOVE FINISHED CEILING.
TO BE DETERMINED
FINISHED FLOOR

SINGLE GANG J.B.
COVERPLATE WITH NETWORK RECEPTACLE

FOR NUCLEAR SYSTEMS A DIRECT NETWORK CONNECTION IS TO BE MADE BETWEEN THE SYSTEM AND THE REVIEW WORKSTATION.

DETAIL NOT TO SCALE

| PROJECT | REVISION |
|-------------|-----------|
| 4-92f | 01 |
| DATE: | 22.Oct.15 |
| DRAWN BY: | SLR |
| CHECKED BY: | TST |

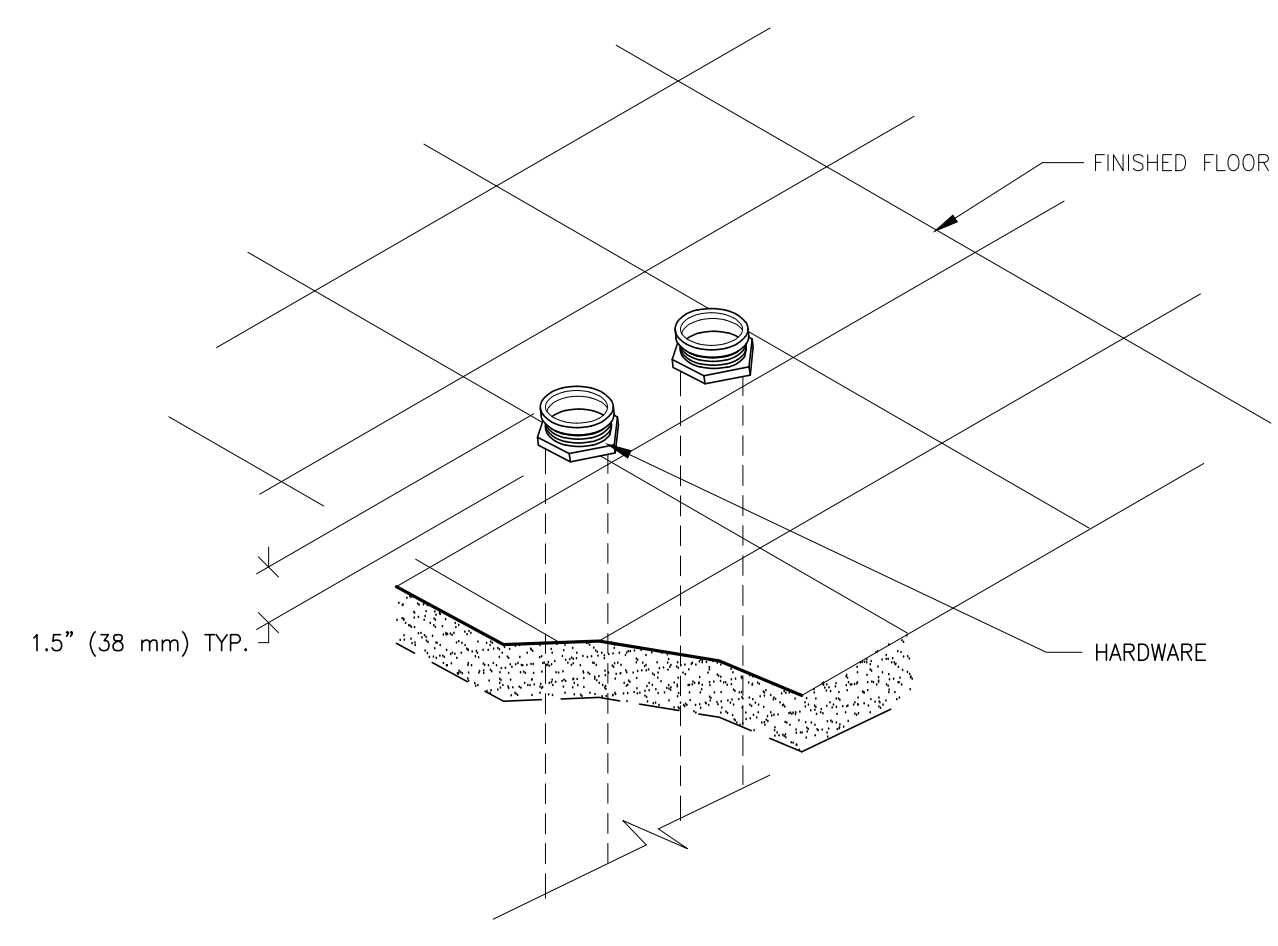
REVISION HISTORY:

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PIM R1
RQ - 155702

ELECTRICAL DETAIL
CONDUITS THRU-FLOOR (TYPICAL)

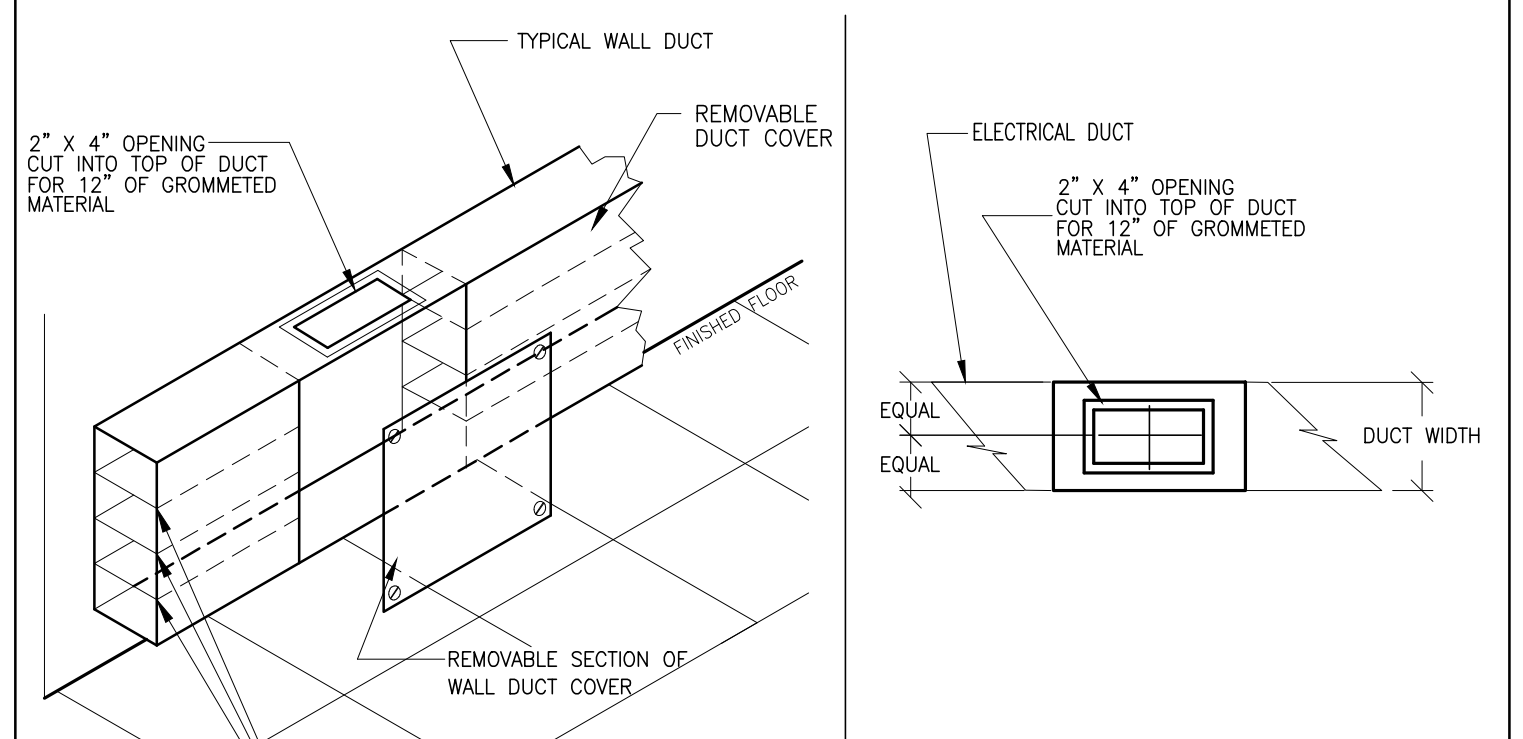
ELEC-9
REV. DATE: 08/08/94



DETAIL NOT TO SCALE

ELECTRICAL DETAIL
HORIZONTAL WALL DUCT (TYPICAL)

ELEC-5A
REV. DATE: 06/16/08



| DUCT WIDTH | MINIMUM DIVIDERS REQUIRED |
|-------------|---------------------------|
| 24" [610mm] | 2 |
| 18" [457mm] | 2 |
| 10" [254mm] | 2 |
| 6" [152mm] | 1 |
| 4" [102mm] | 1 |

DETAIL NOT TO SCALE

GE Healthcare
Healthcare Project Implementation - Design Center
Milwaukee, Wisconsin

SHEET TITLE: ELECTRICAL DETAILS
MODALITY TYPE: DISCOVERY IGS

THIS PLAN IS SUBMITTED TO SURVEY LOCATION OF HEALTHCARE EQUIPMENT AND ASSOCIATED APPARATUS. ELECTRICAL WIRING DETAILS AND ROOM ARRANGEMENTS IN PREPARING THIS PLAN, EVERY EFFORT HAS BEEN MADE TO CONFORM DETAILS TO THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE AND THE NATIONAL ELECTRICAL INSTALLATION REGULATIONS. GE HEALTHCARE, HOWEVER, AND THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE:
INTERVENTIONAL I.R.
TYPICAL FINAL DRAWINGS

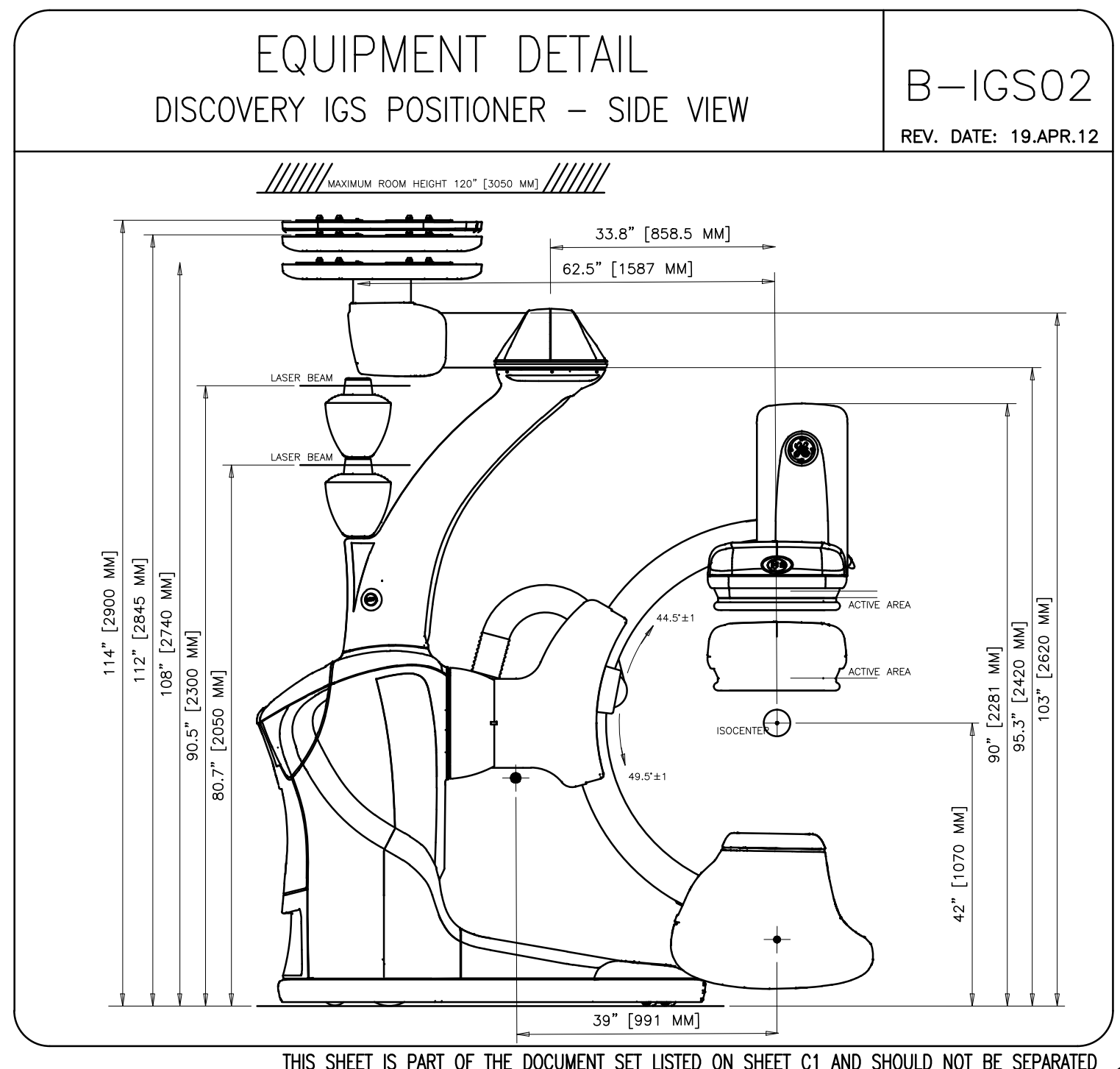
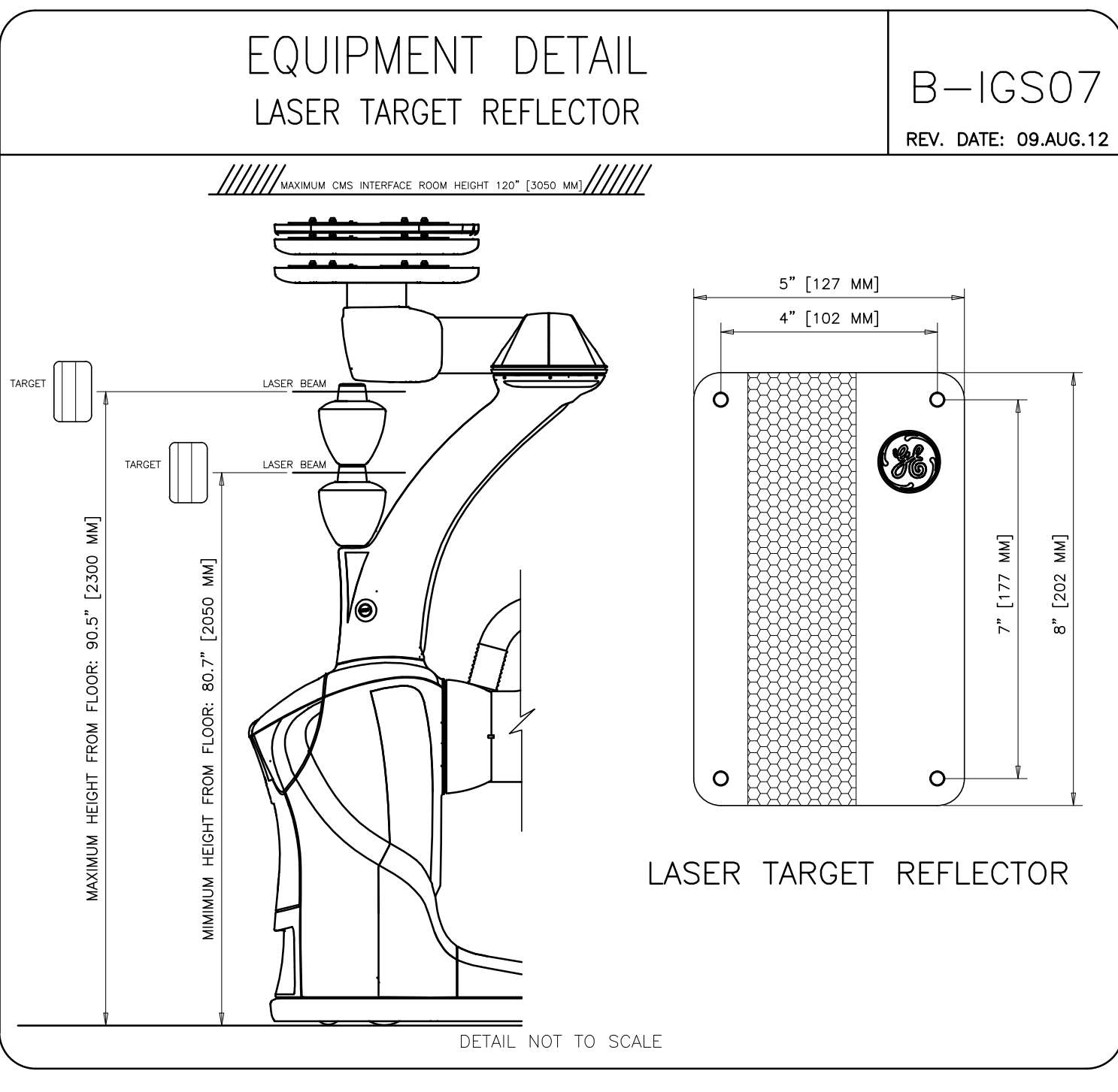
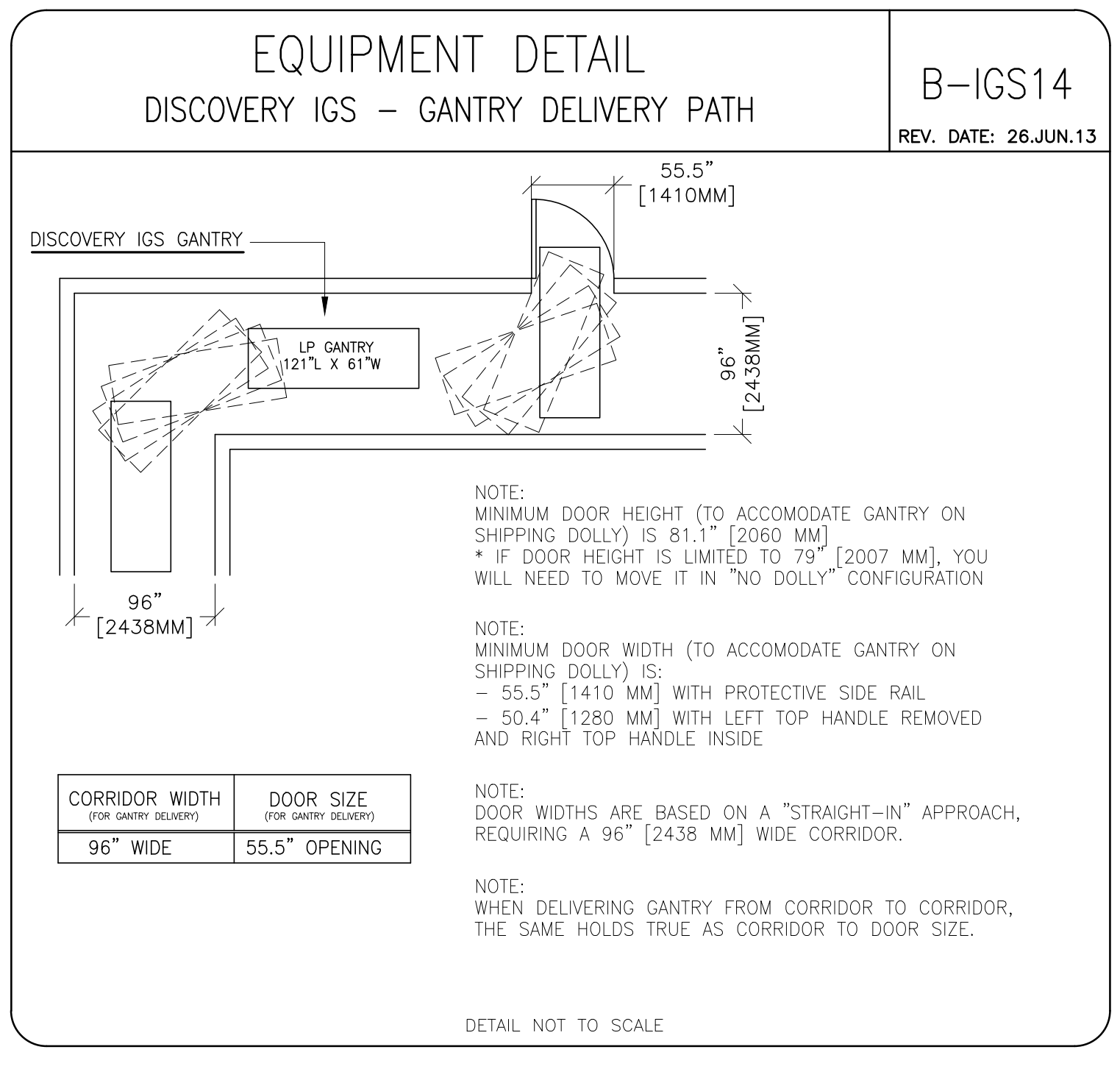
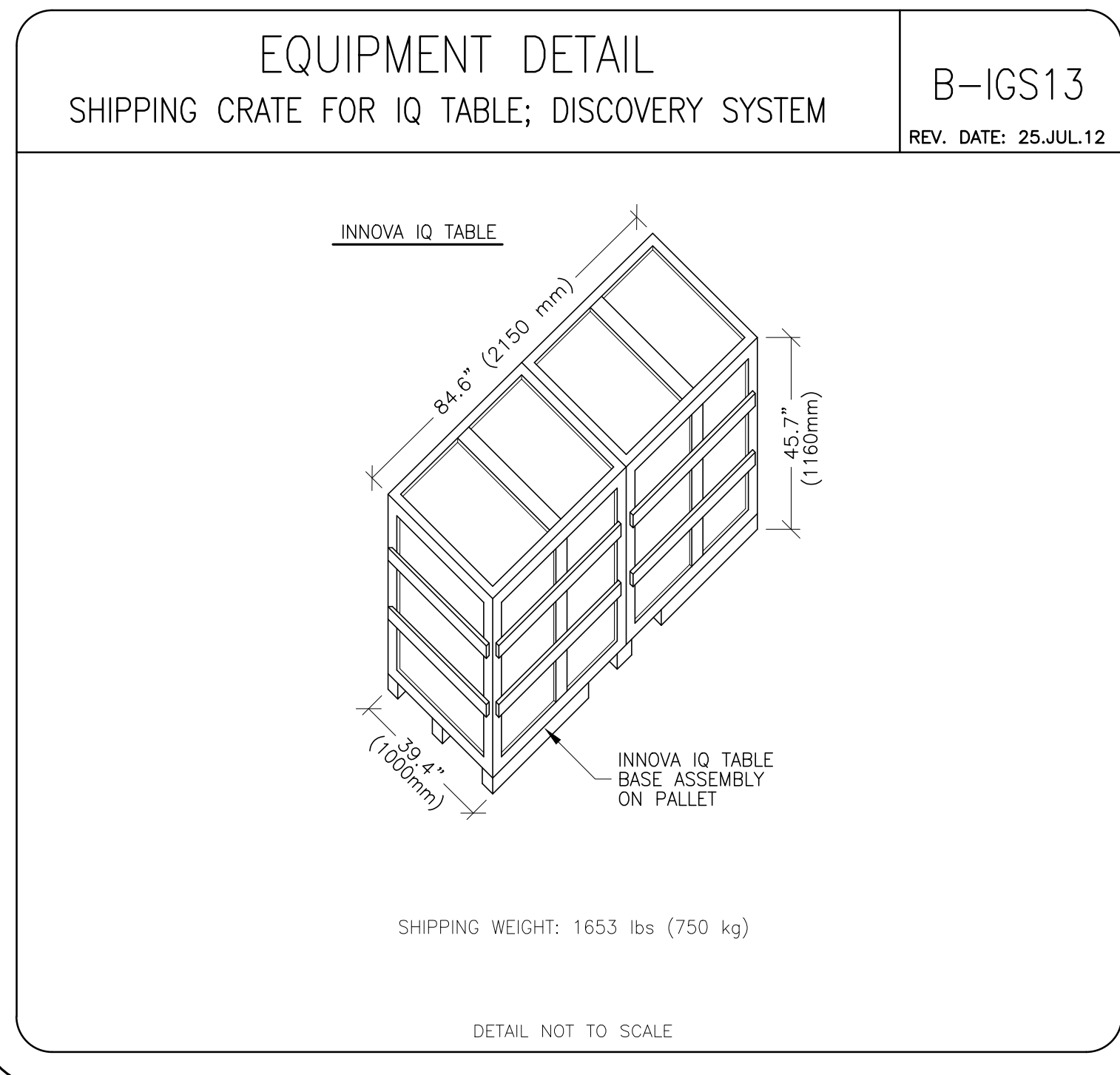
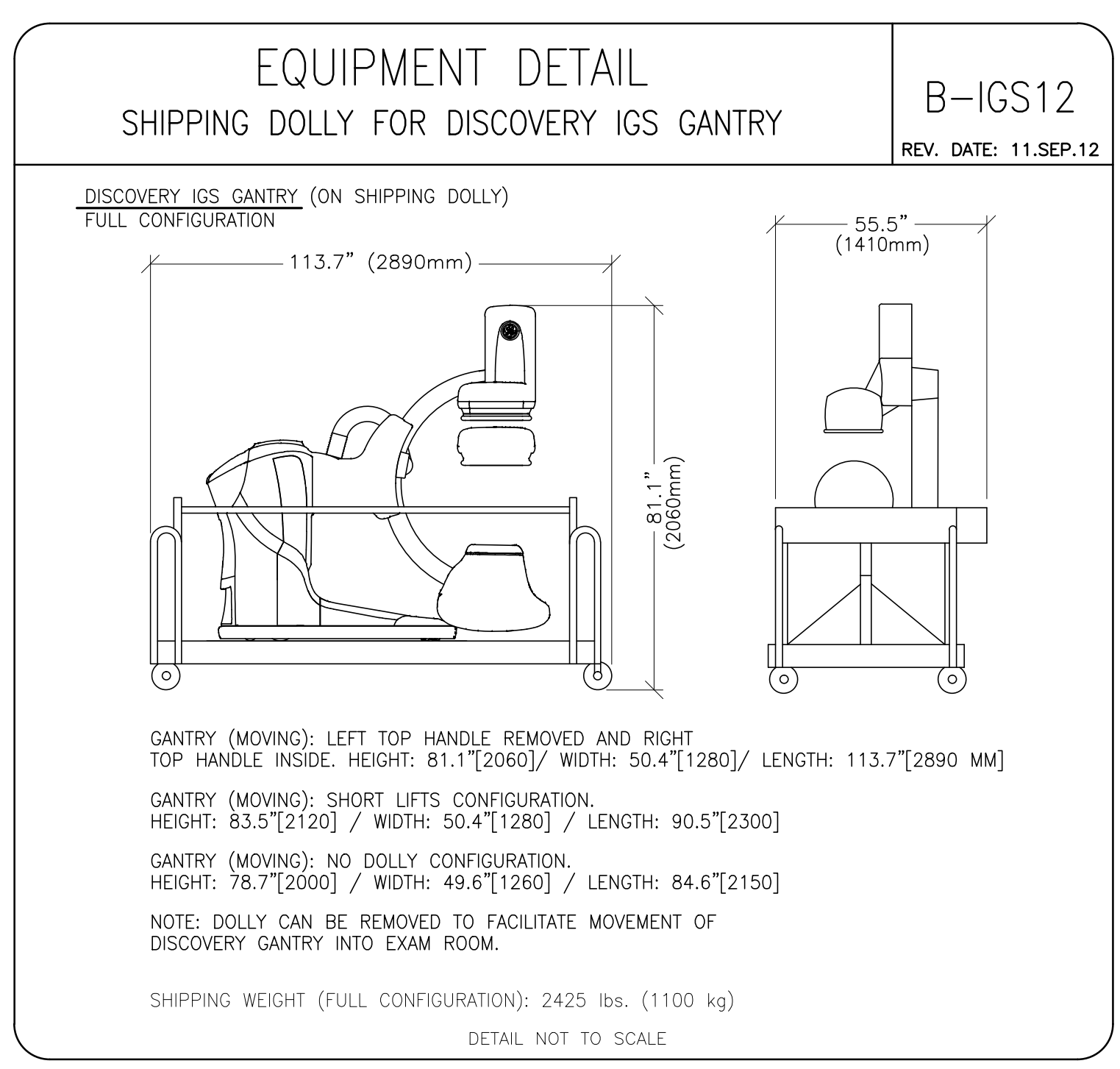
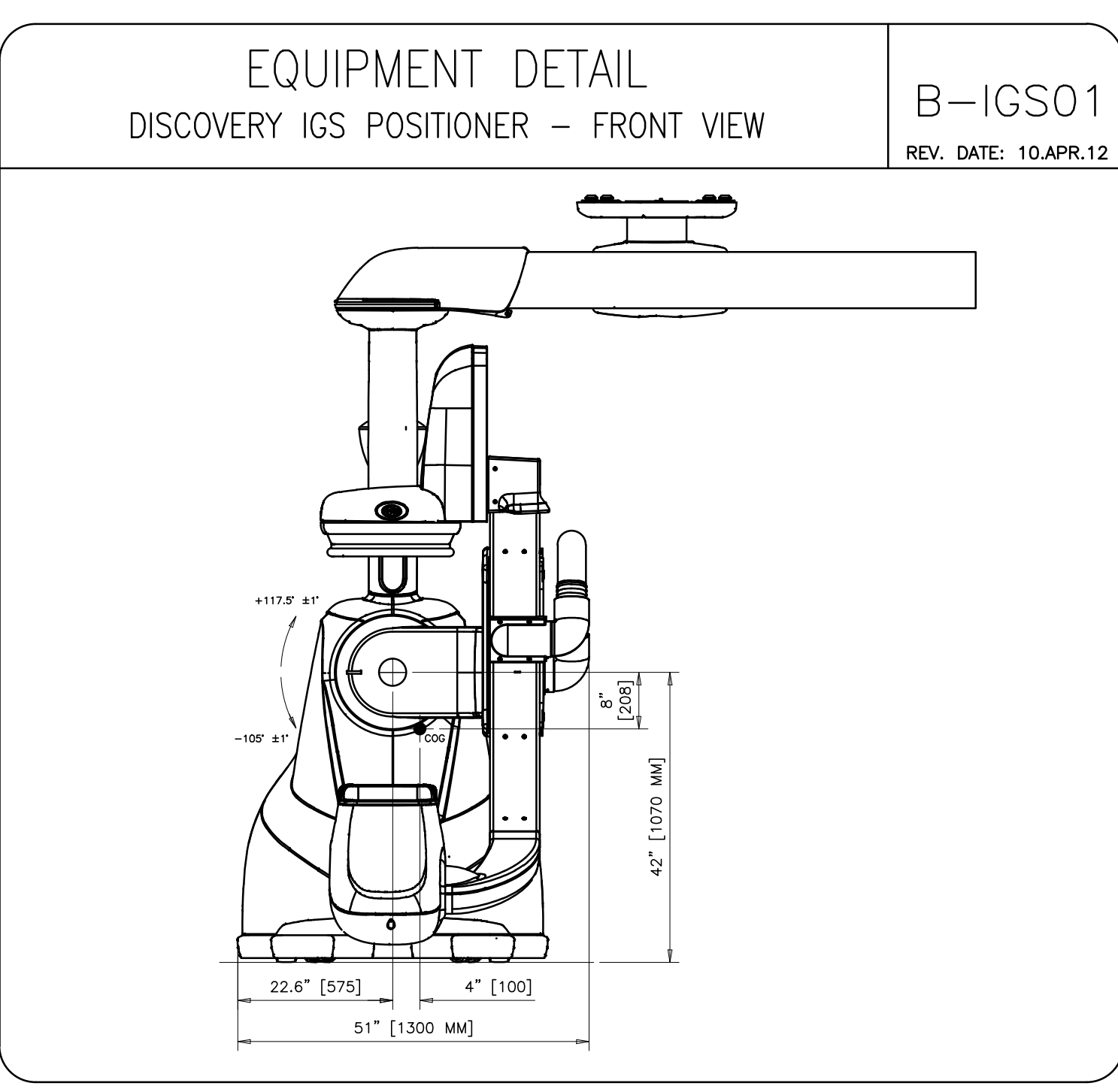
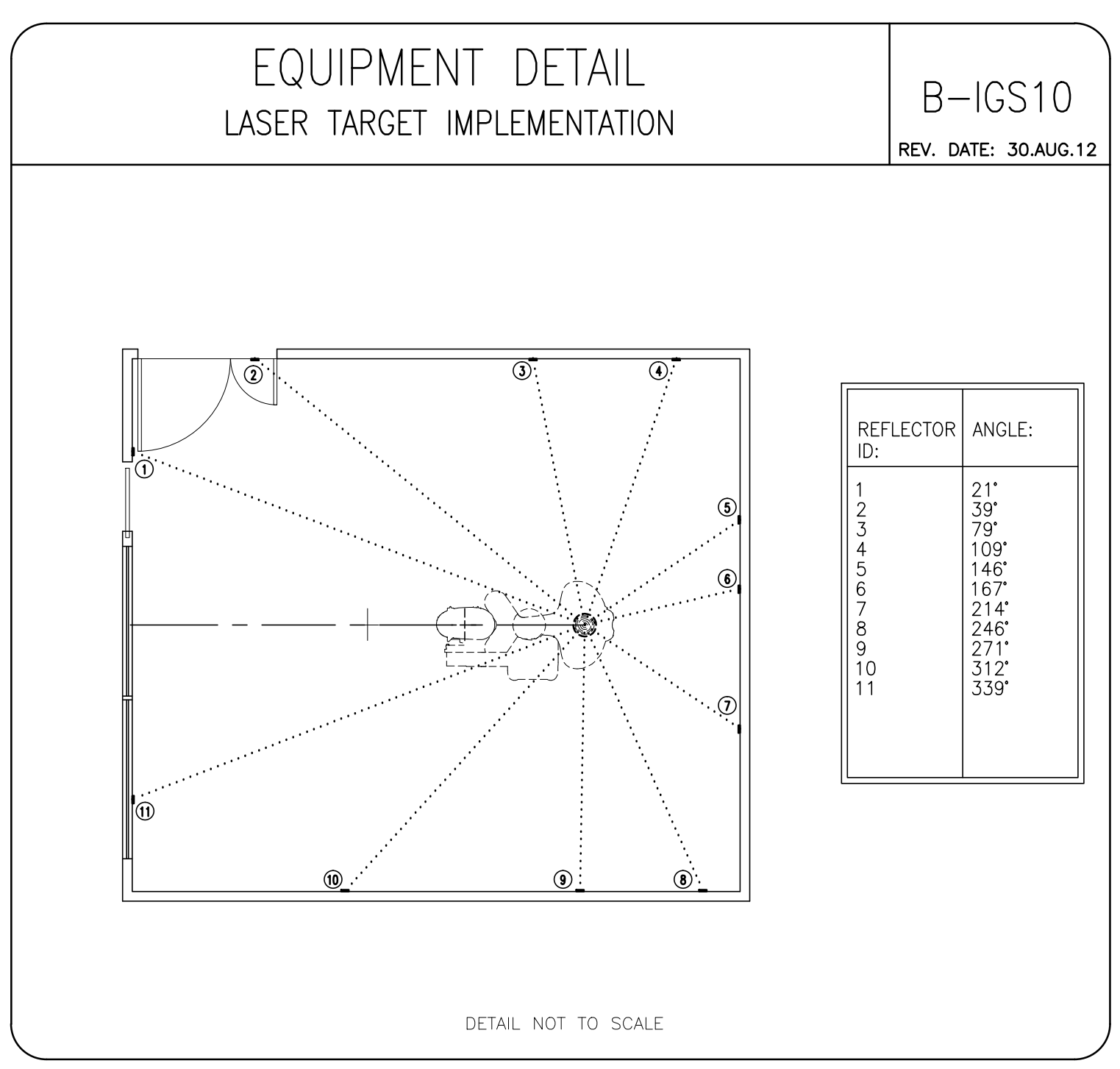
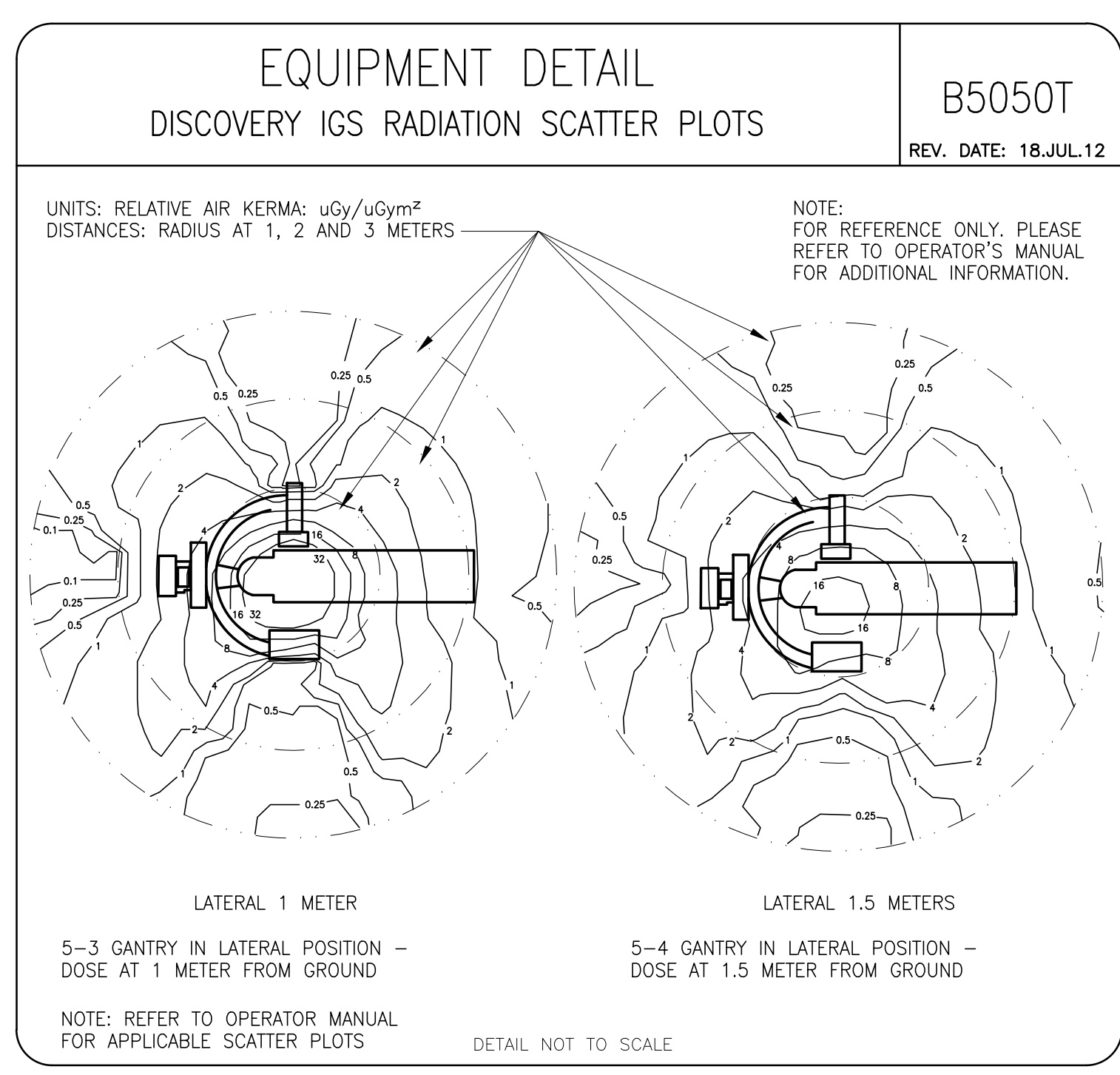
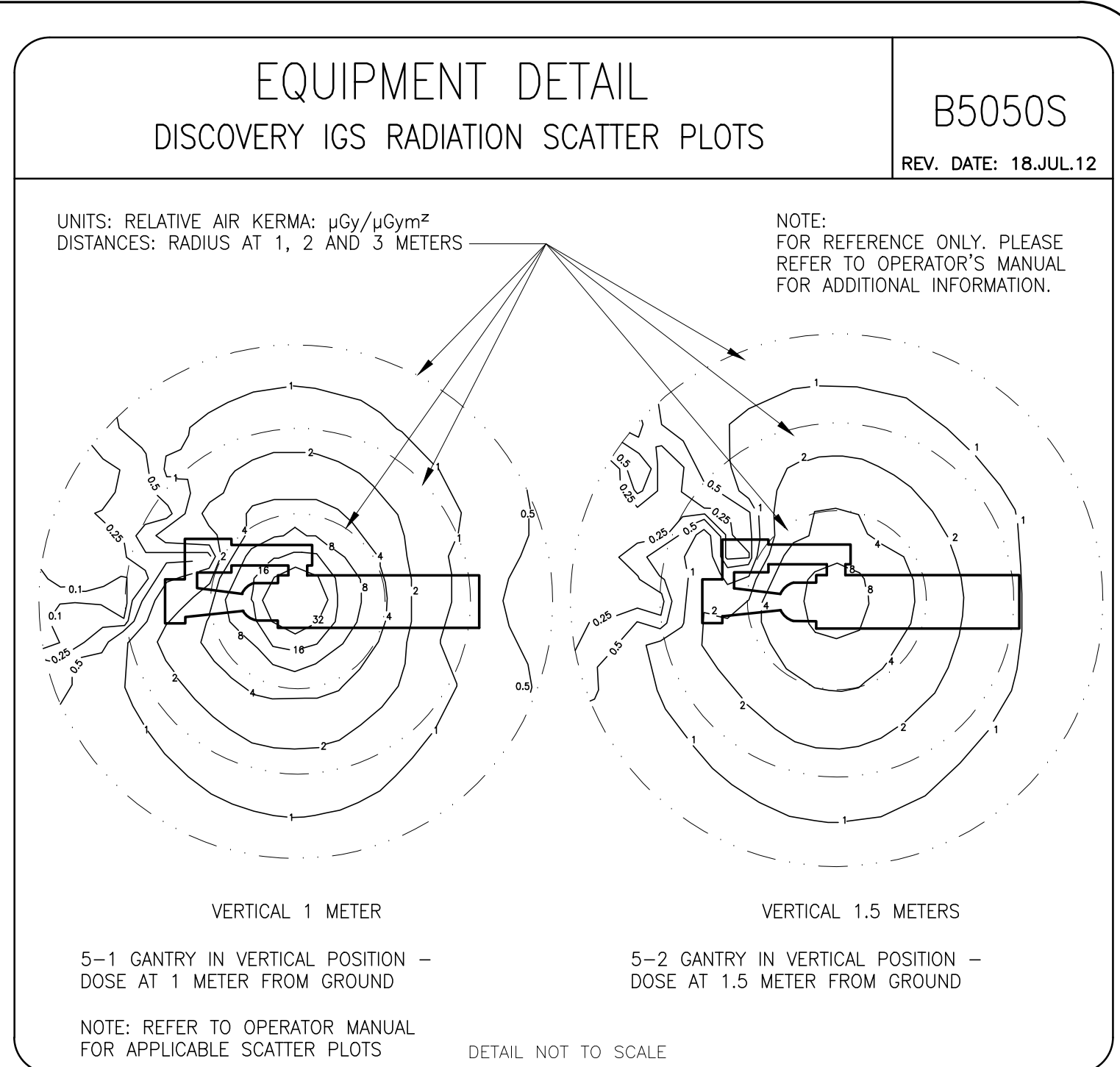
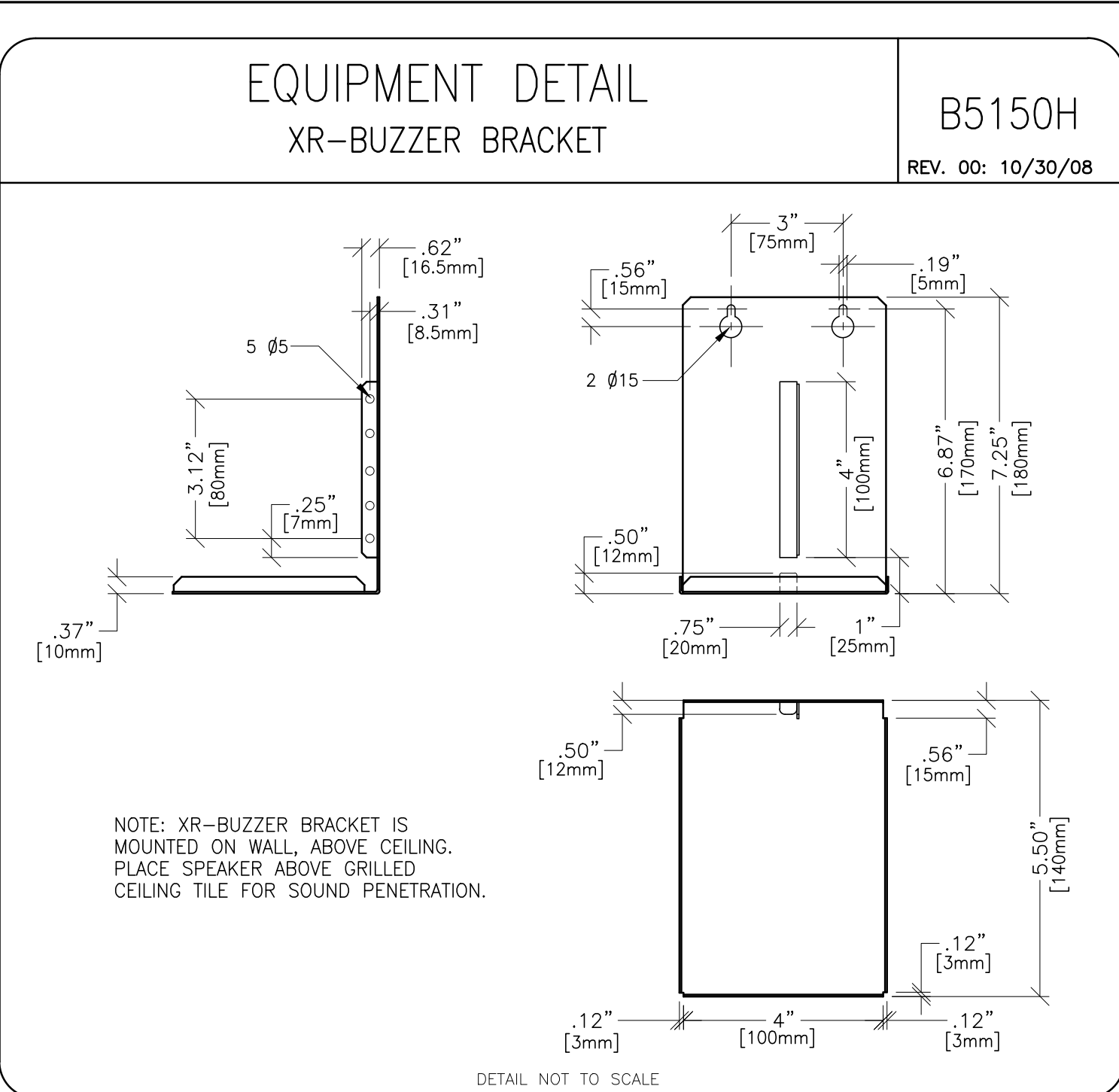
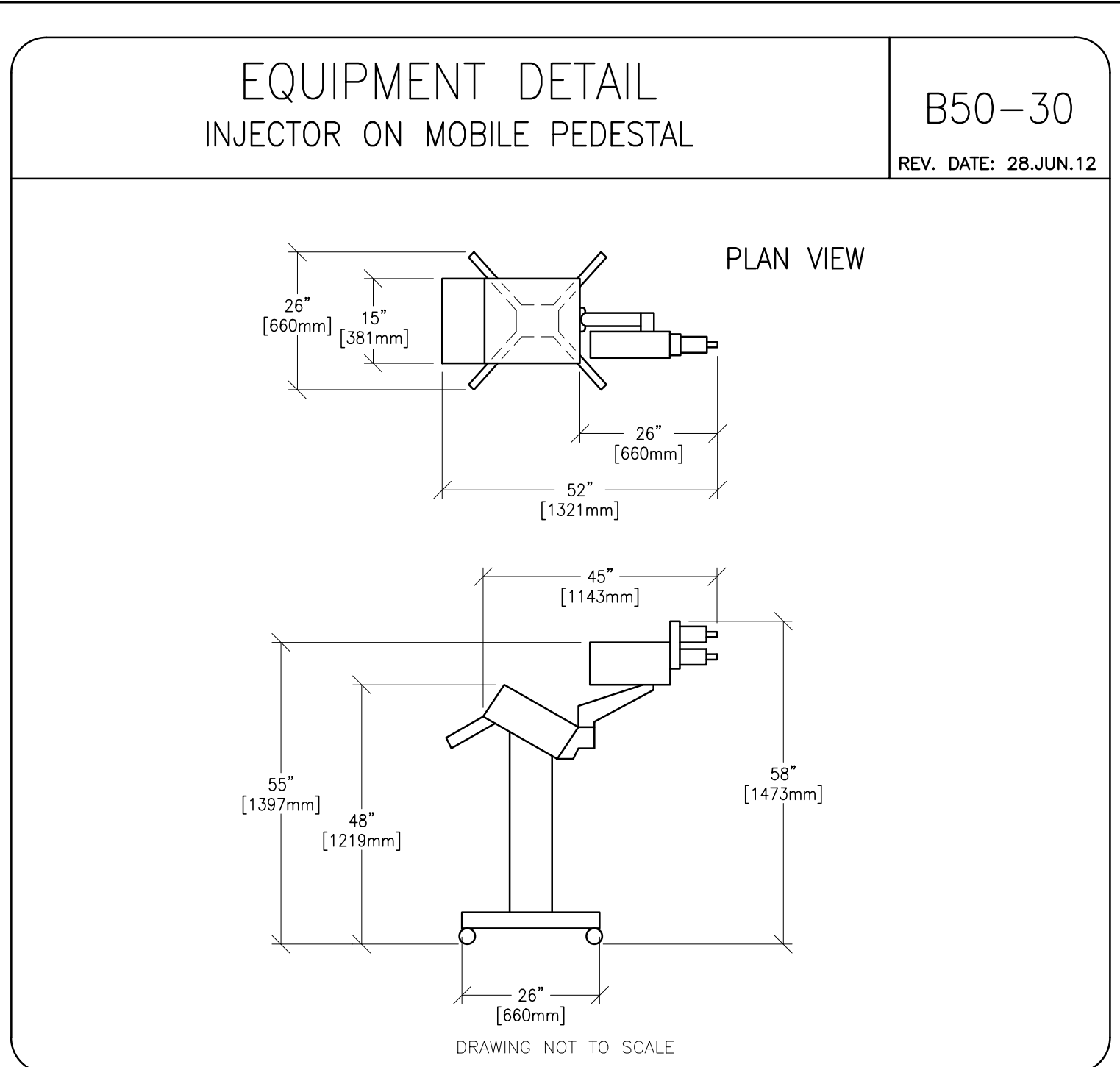
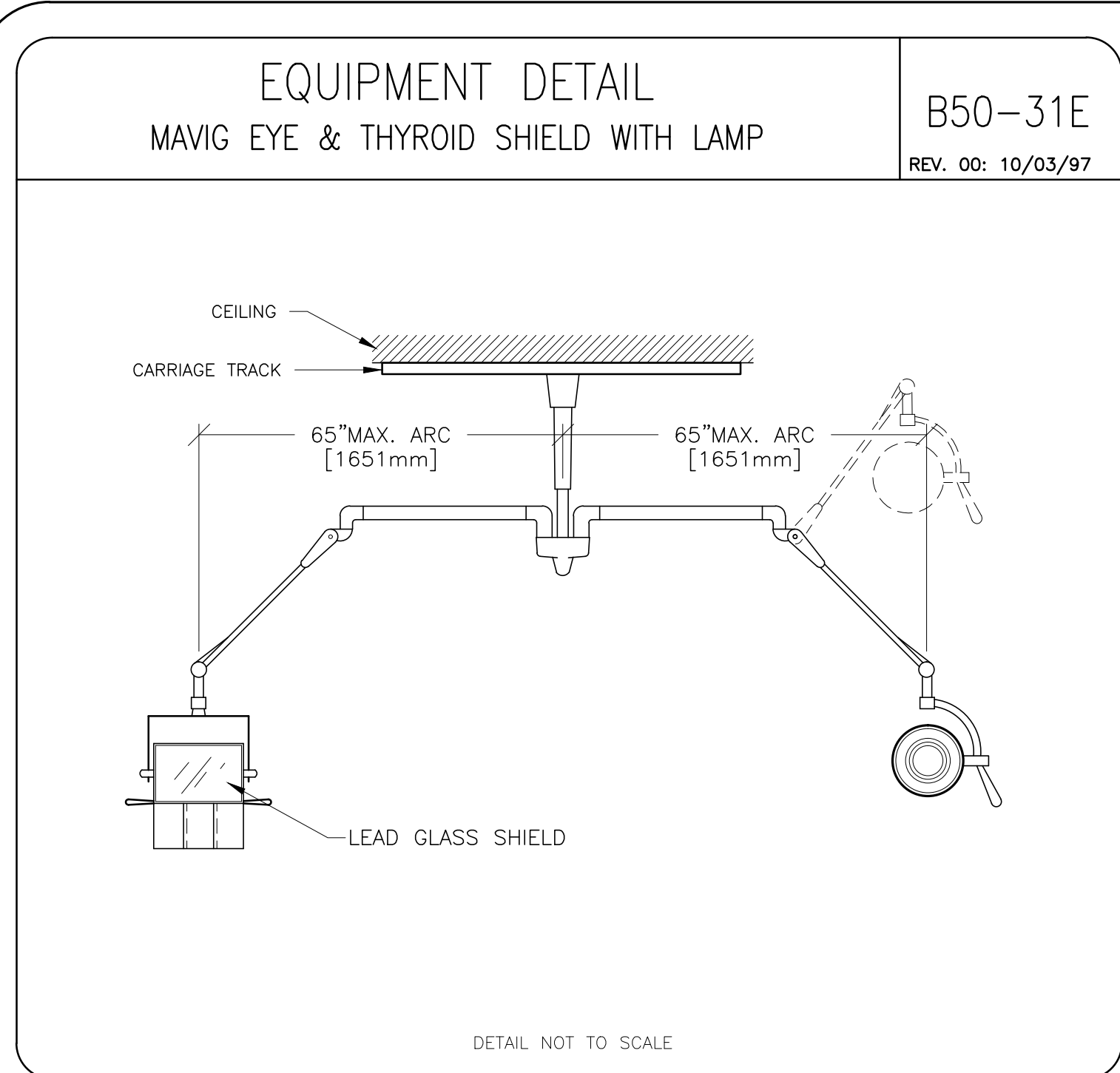
| PROJECT | REVISION |
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| 4-92f | 01 |

DATE: 22.Oct.15
DRAWN BY: SLR
CHECKED BY: TST

REVISION HISTORY:

SHEET
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PIM R1
RQ - 155702



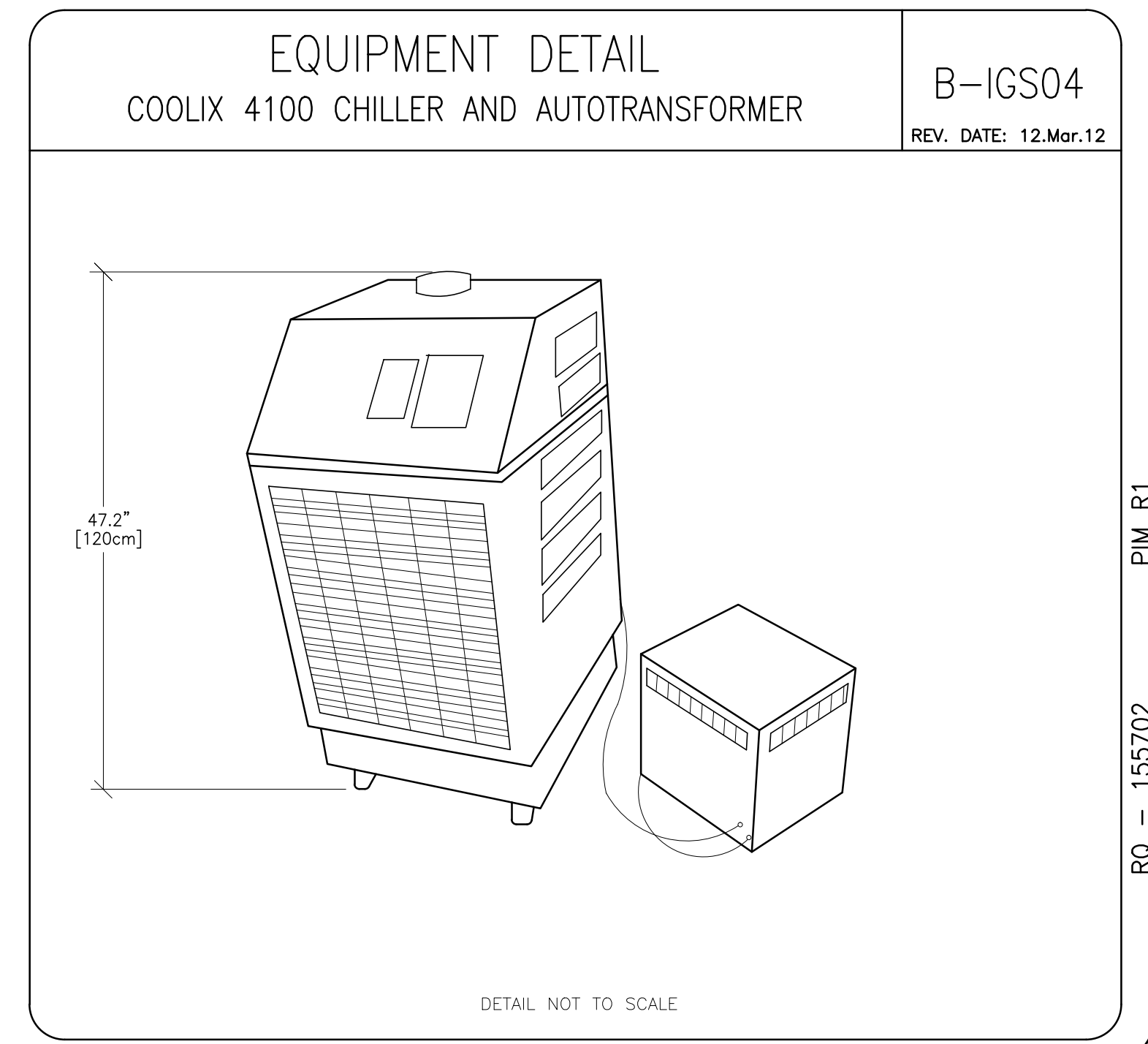
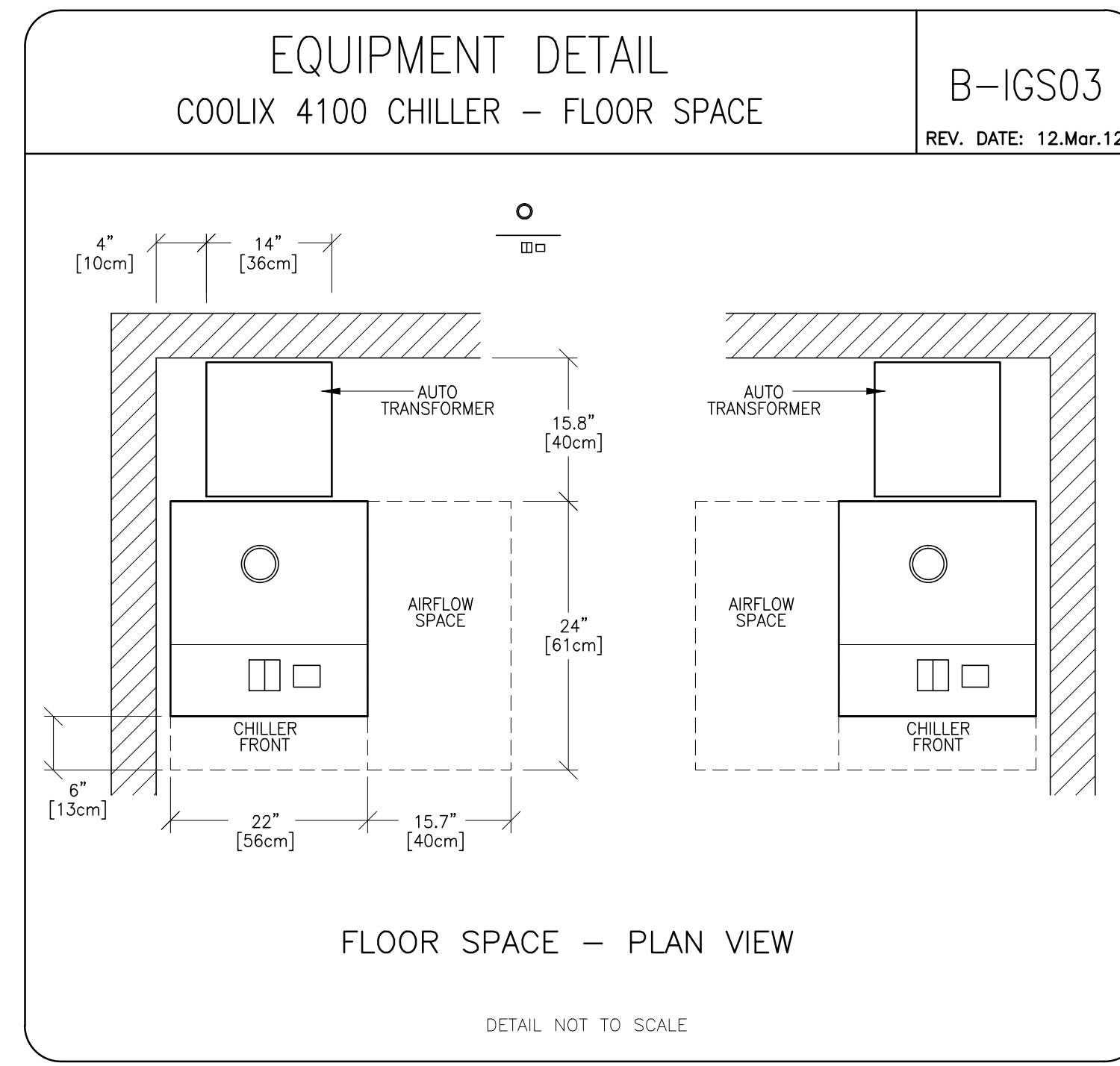
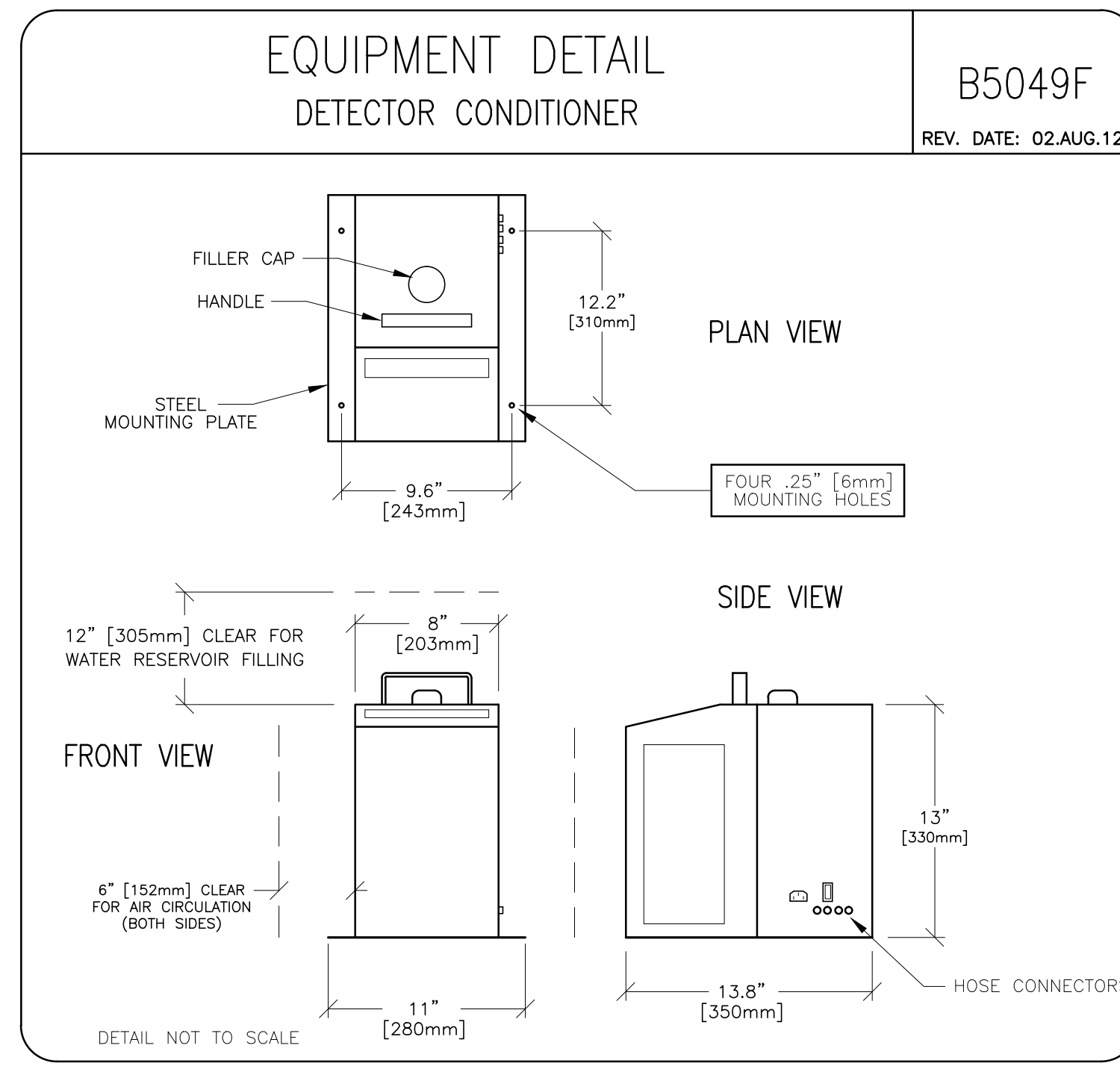
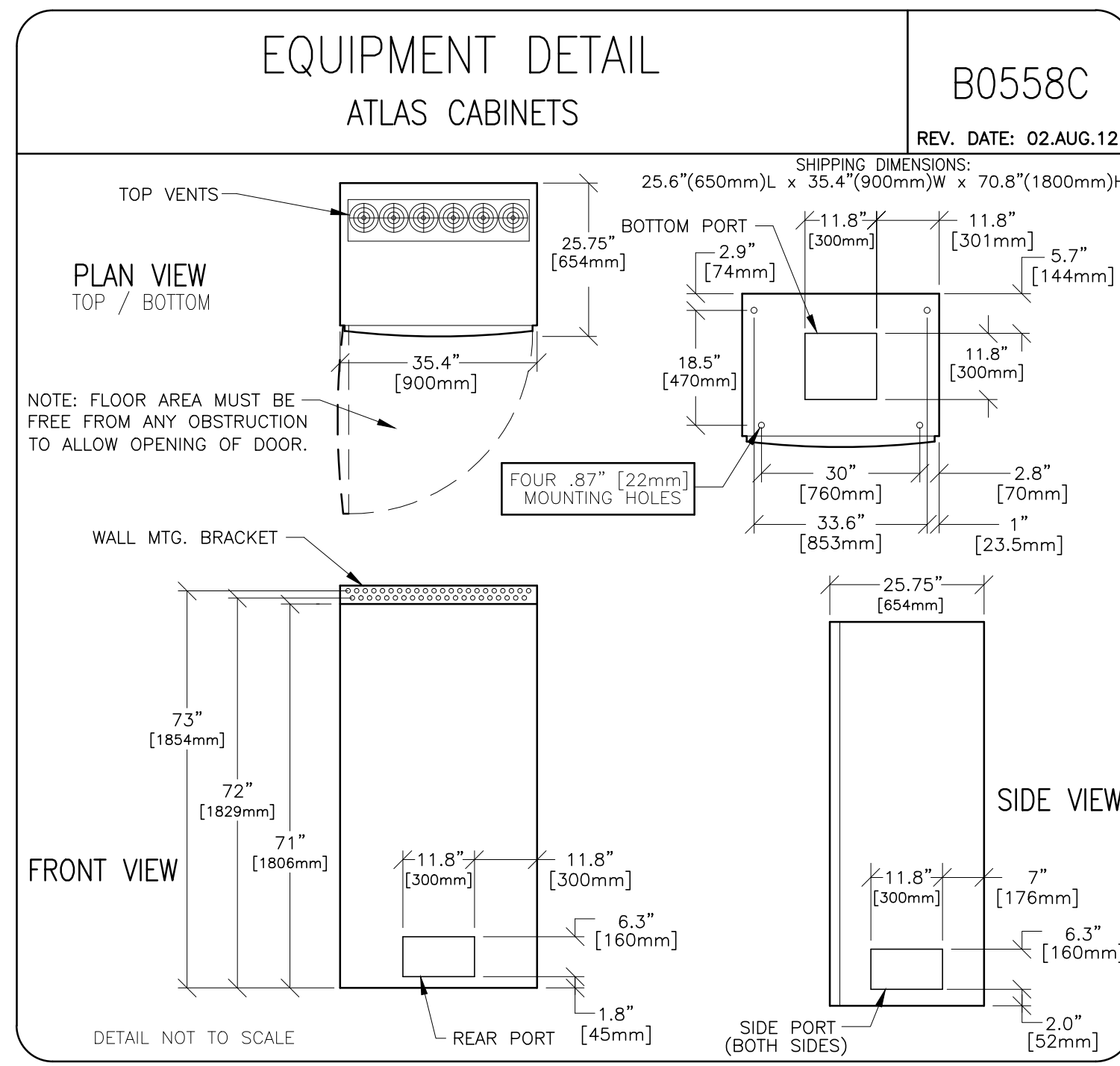
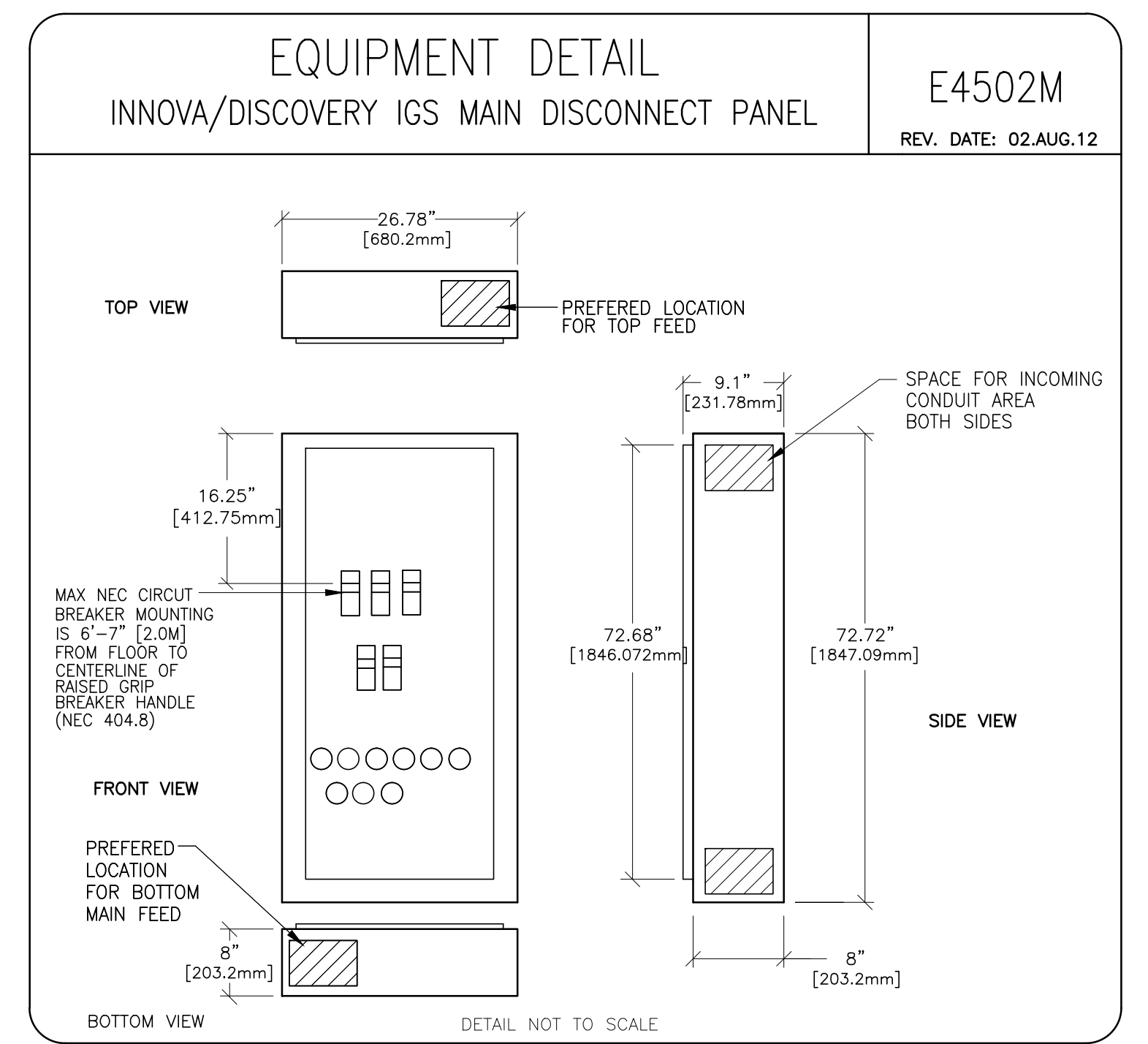
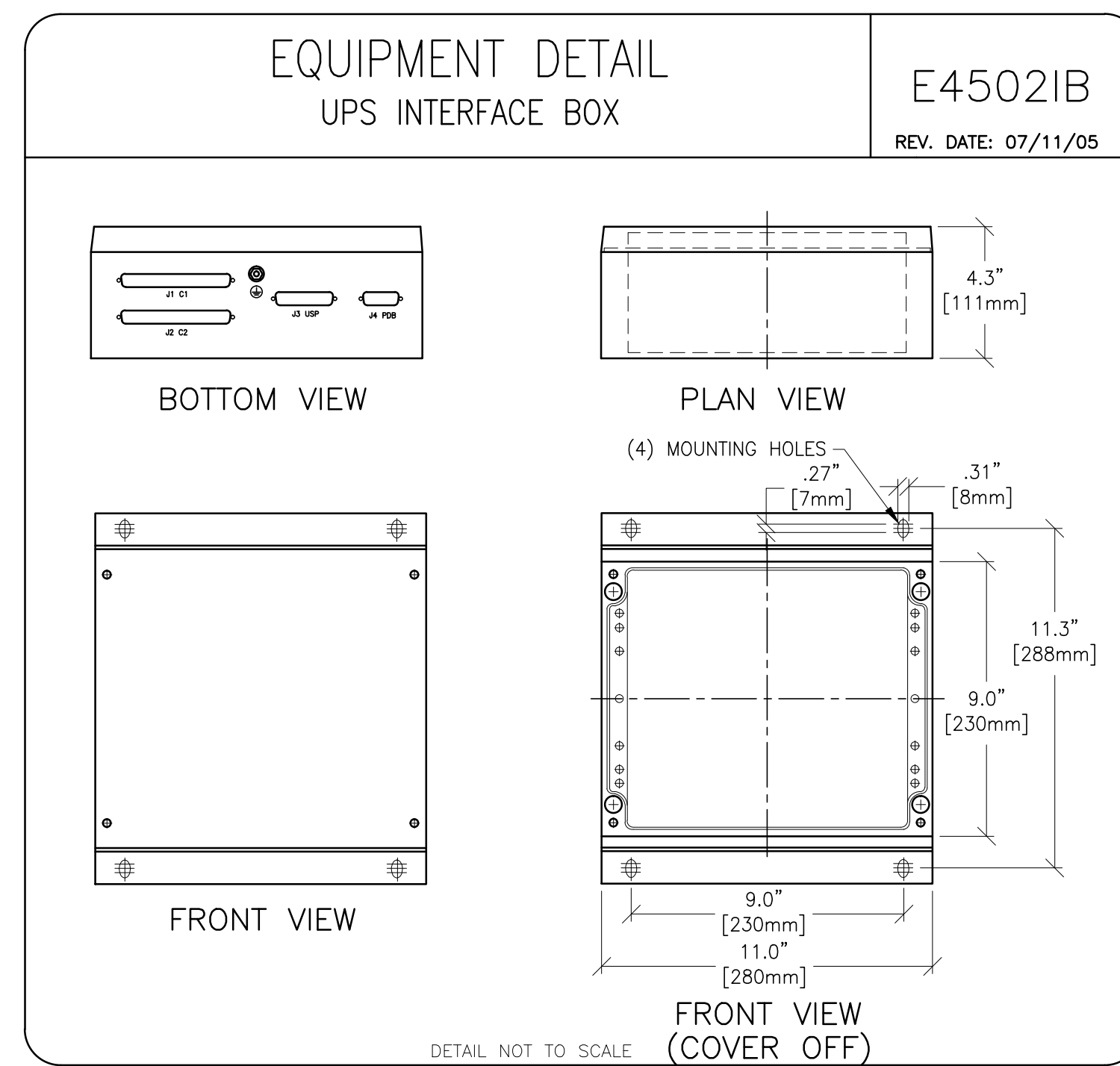
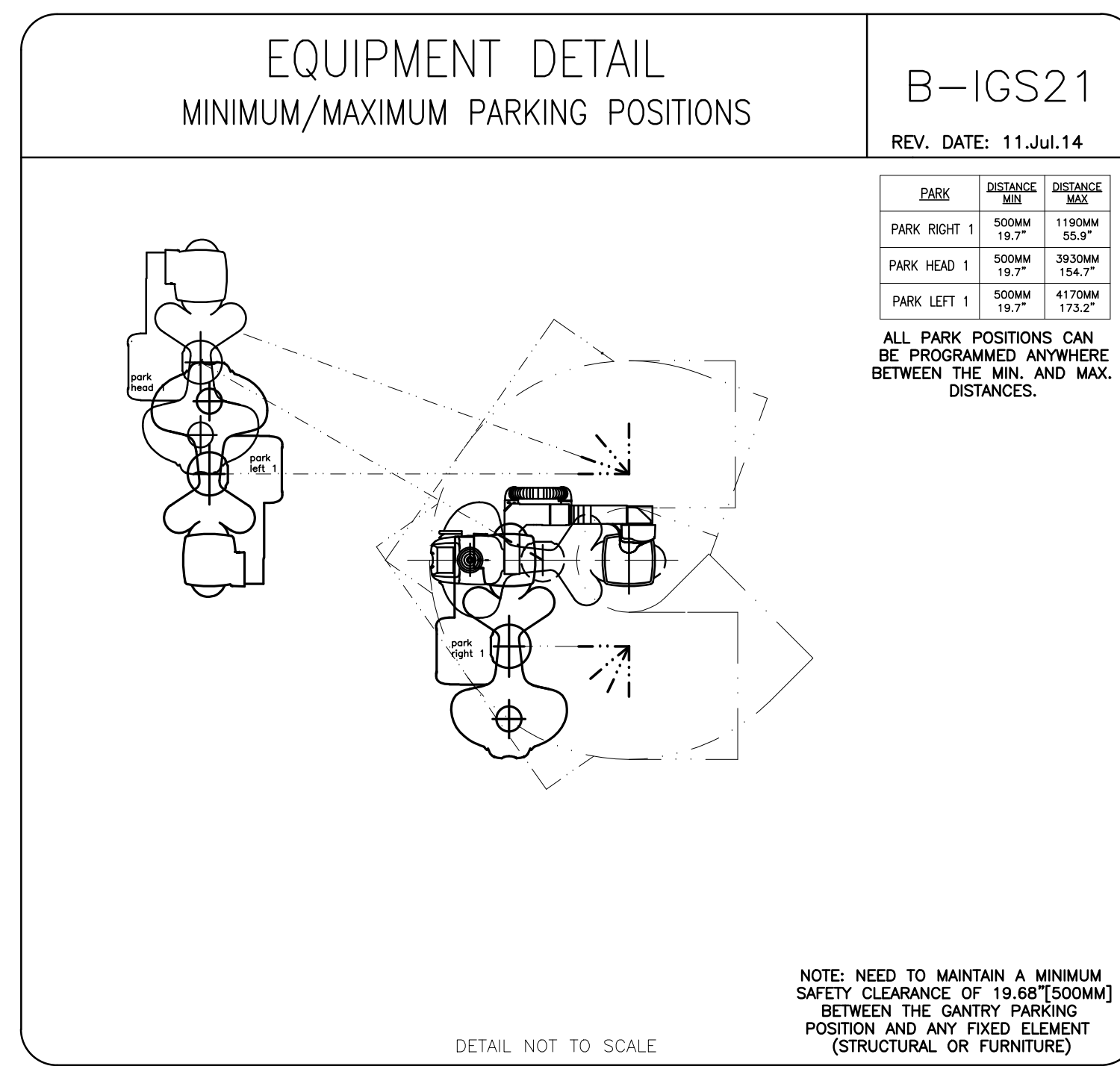
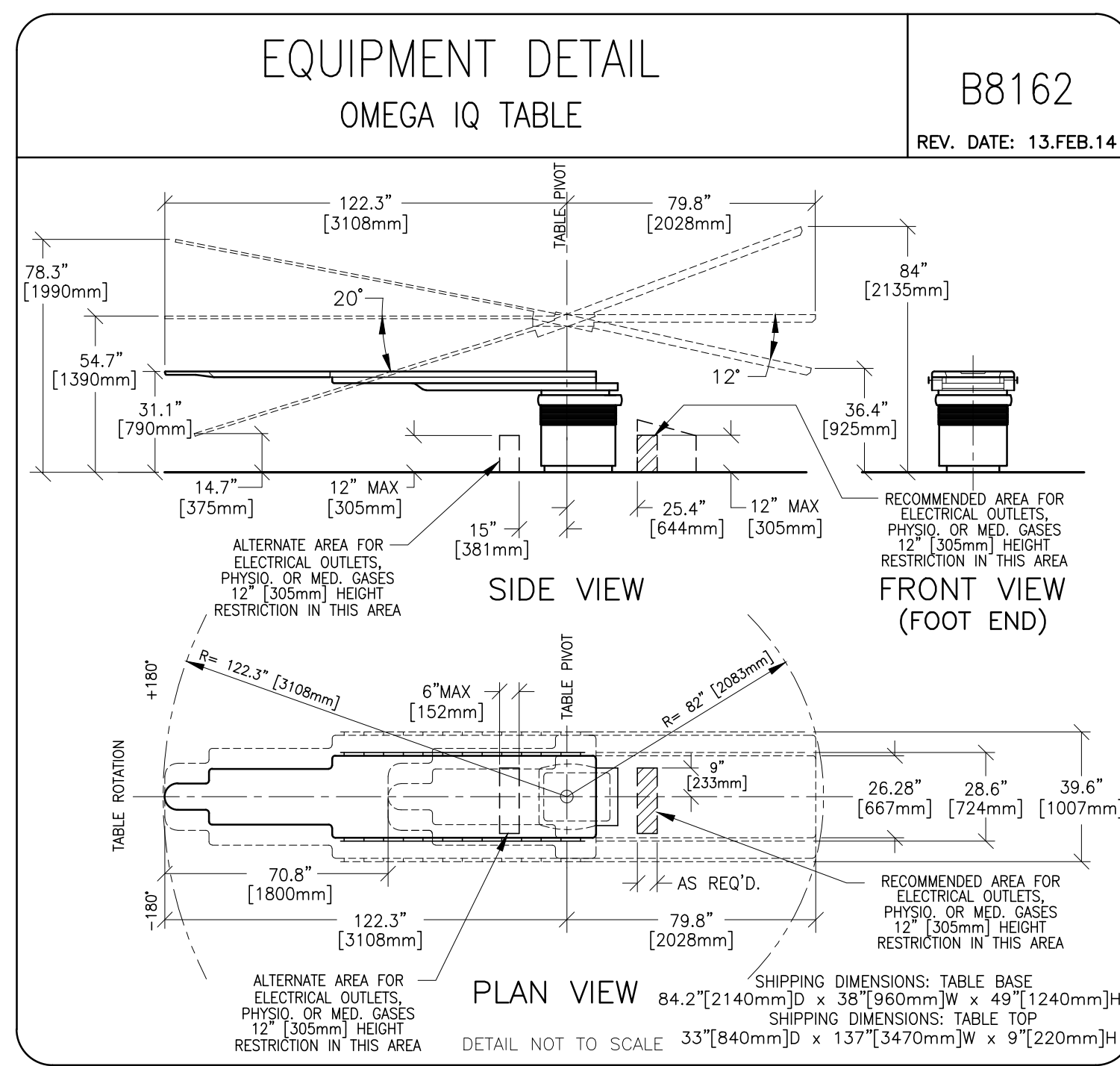
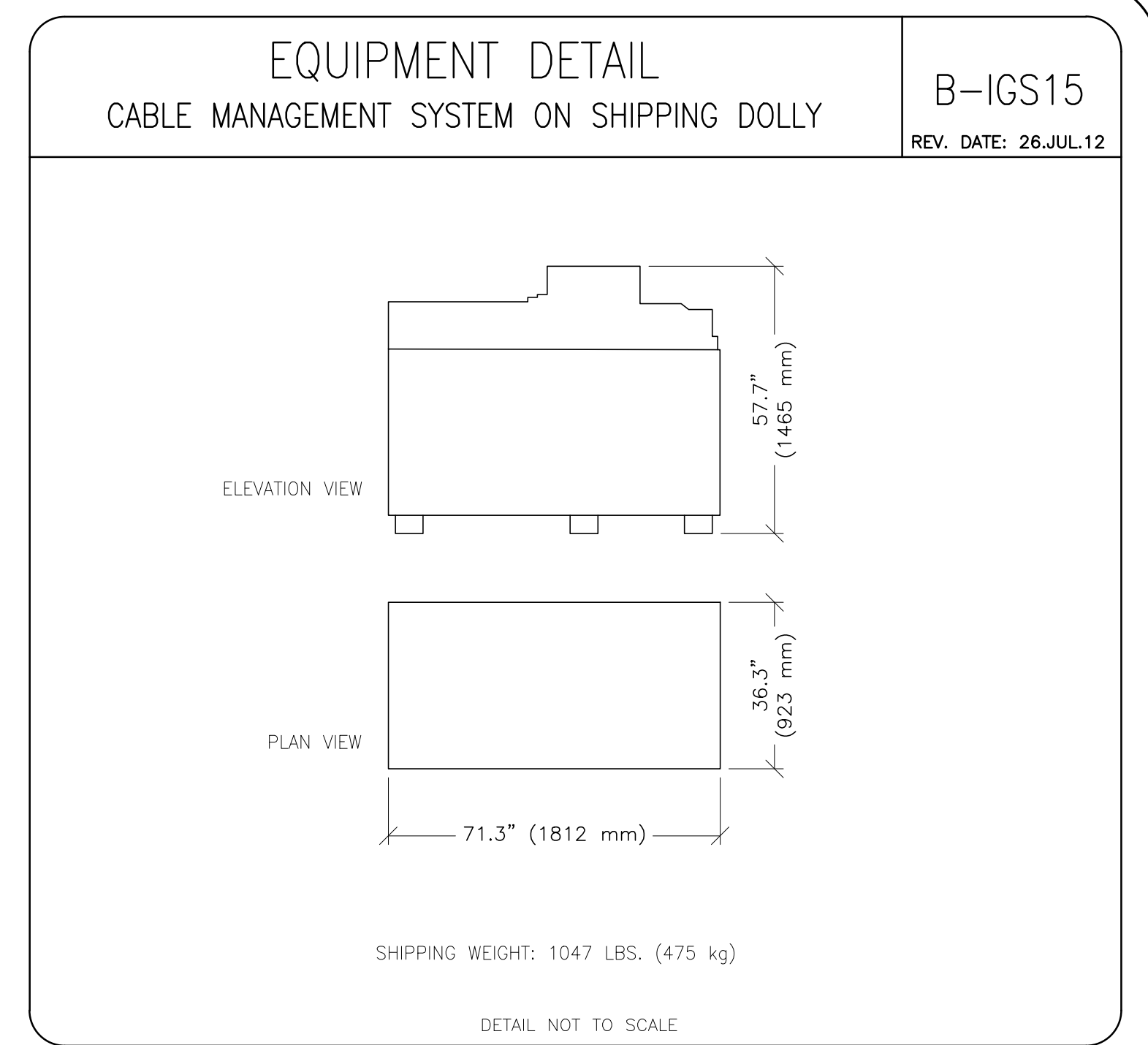
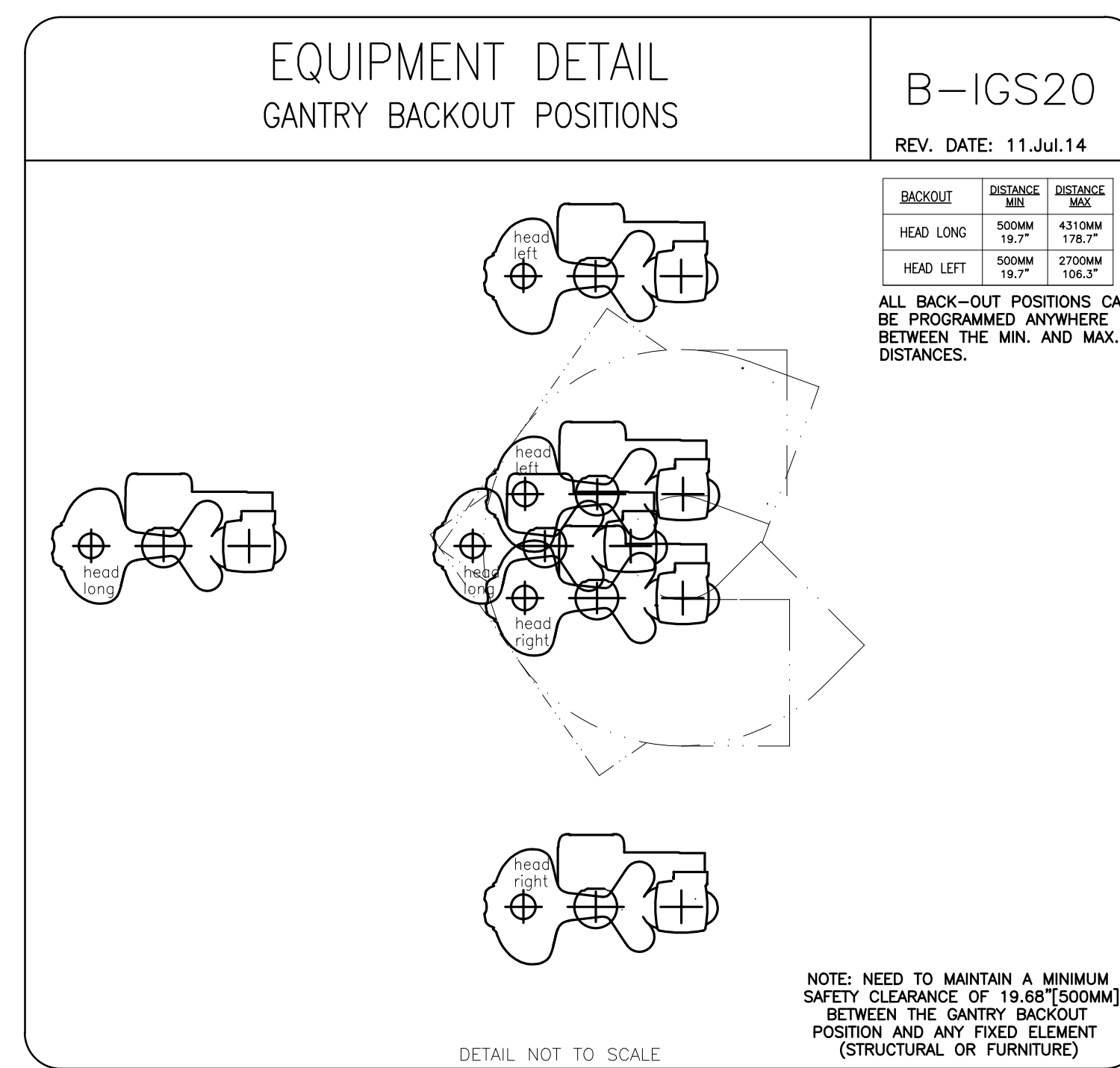
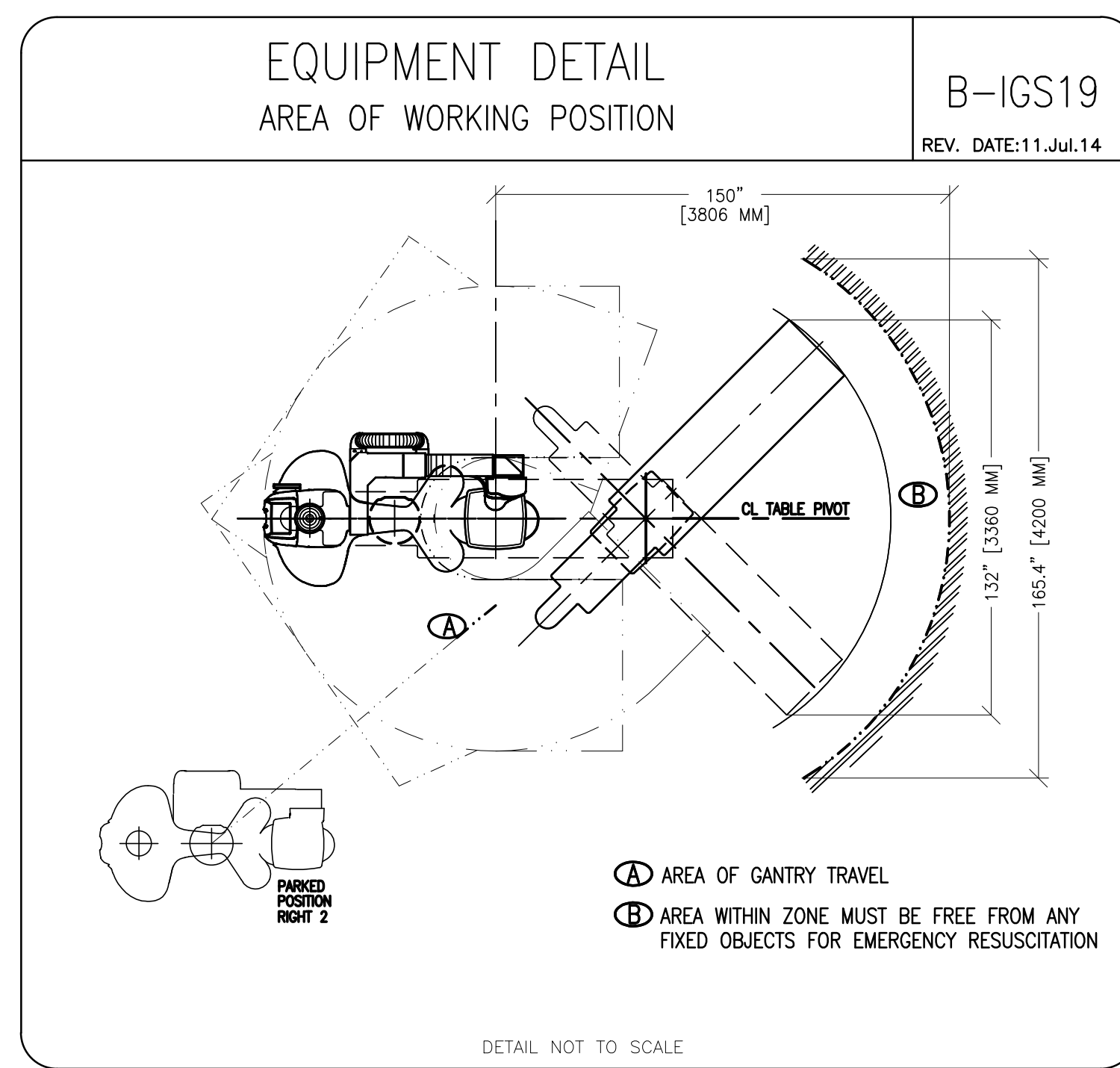
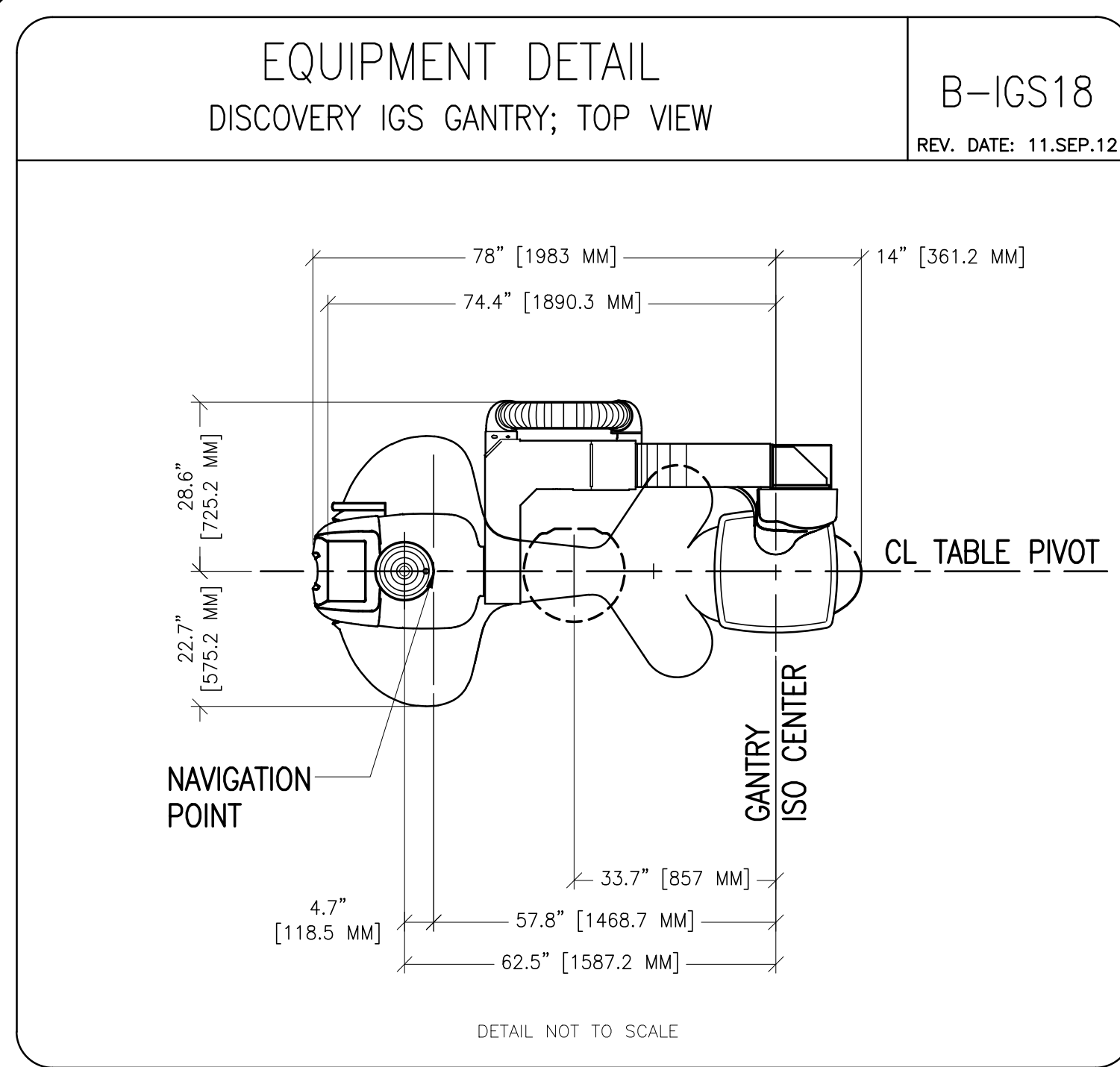
| PROJECT | REVISION |
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DATE: 22.Oct.15
DRAWN BY: SLR
CHECKED BY: TST

REVISION HISTORY:

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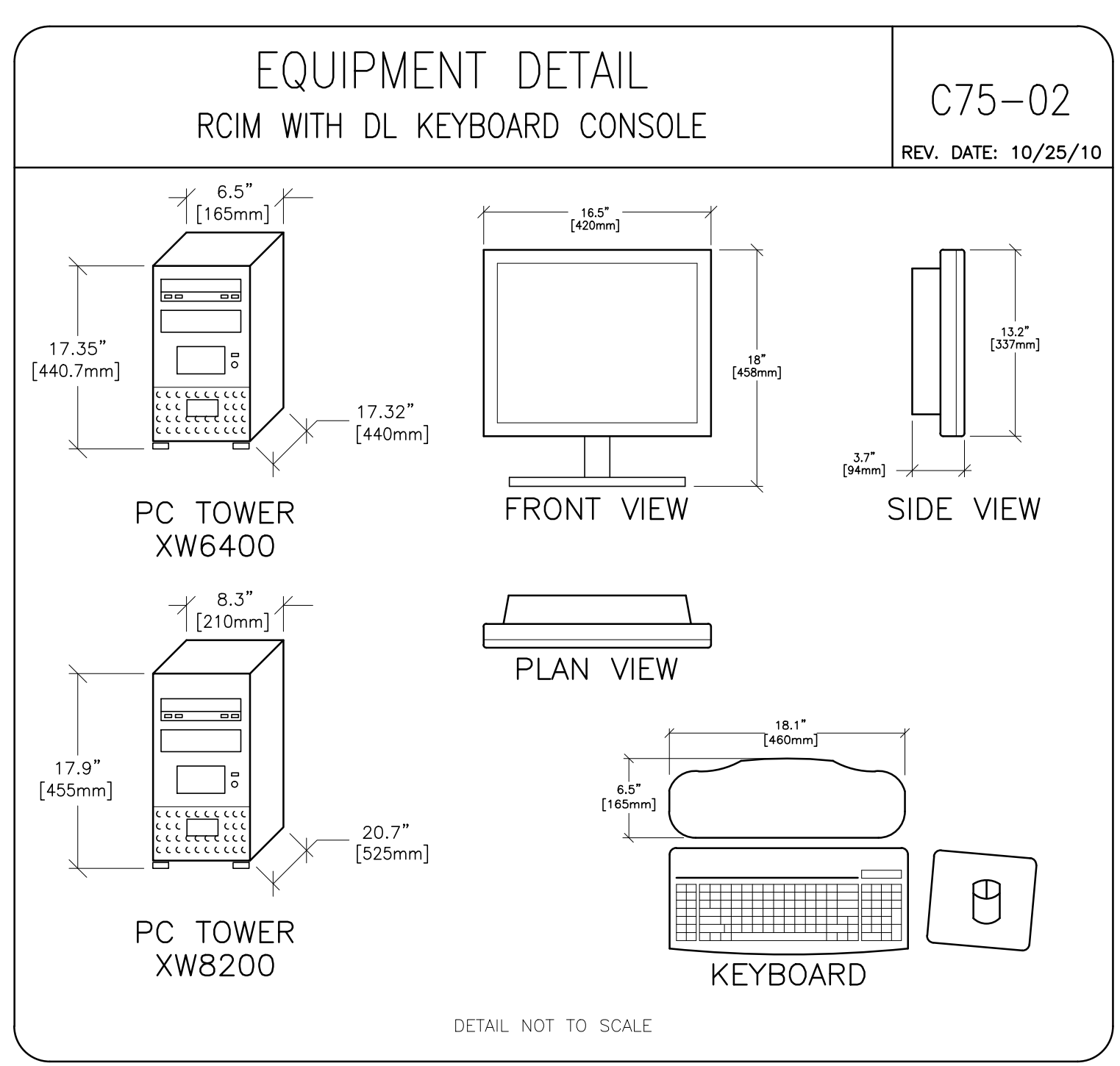
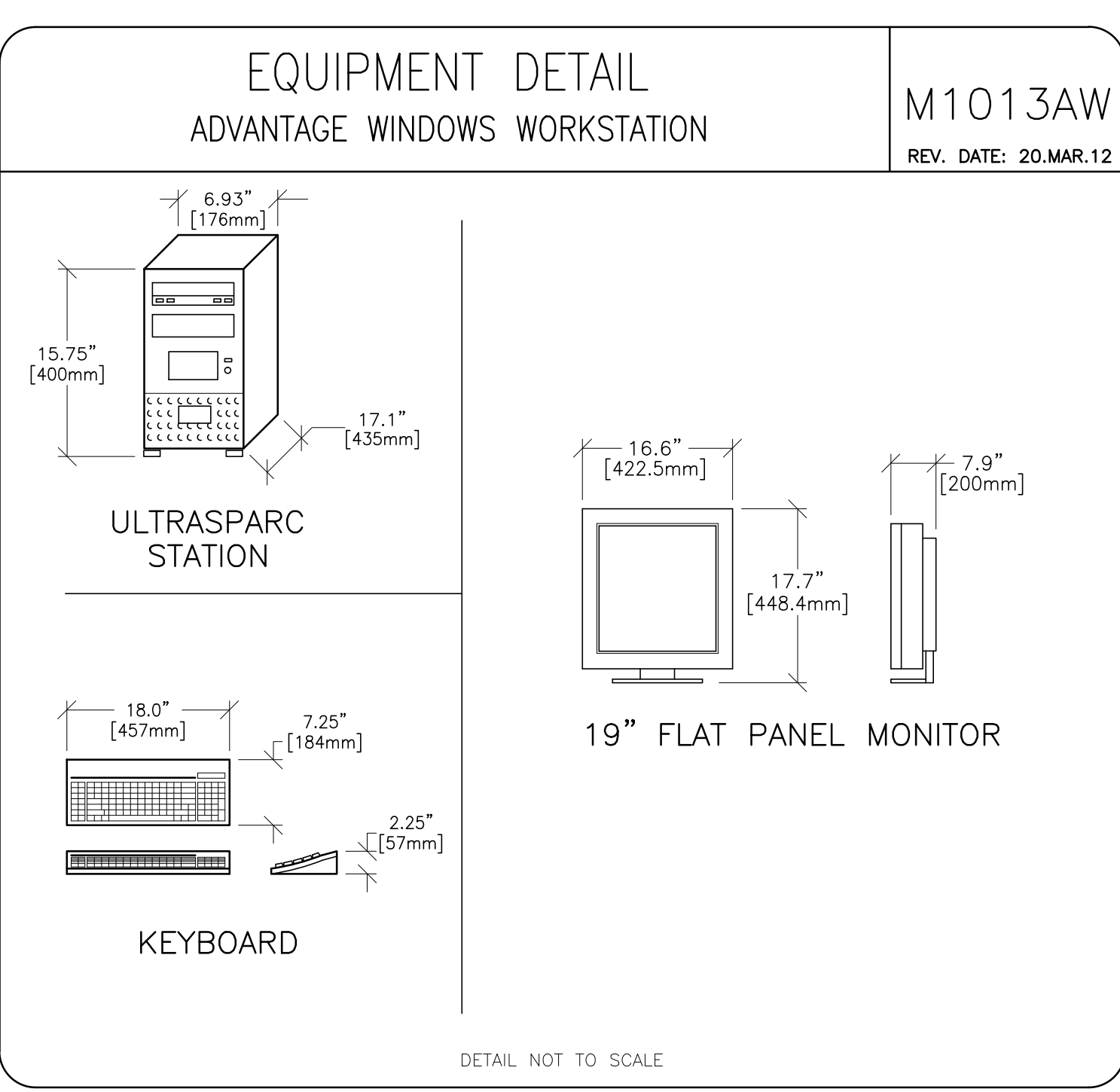
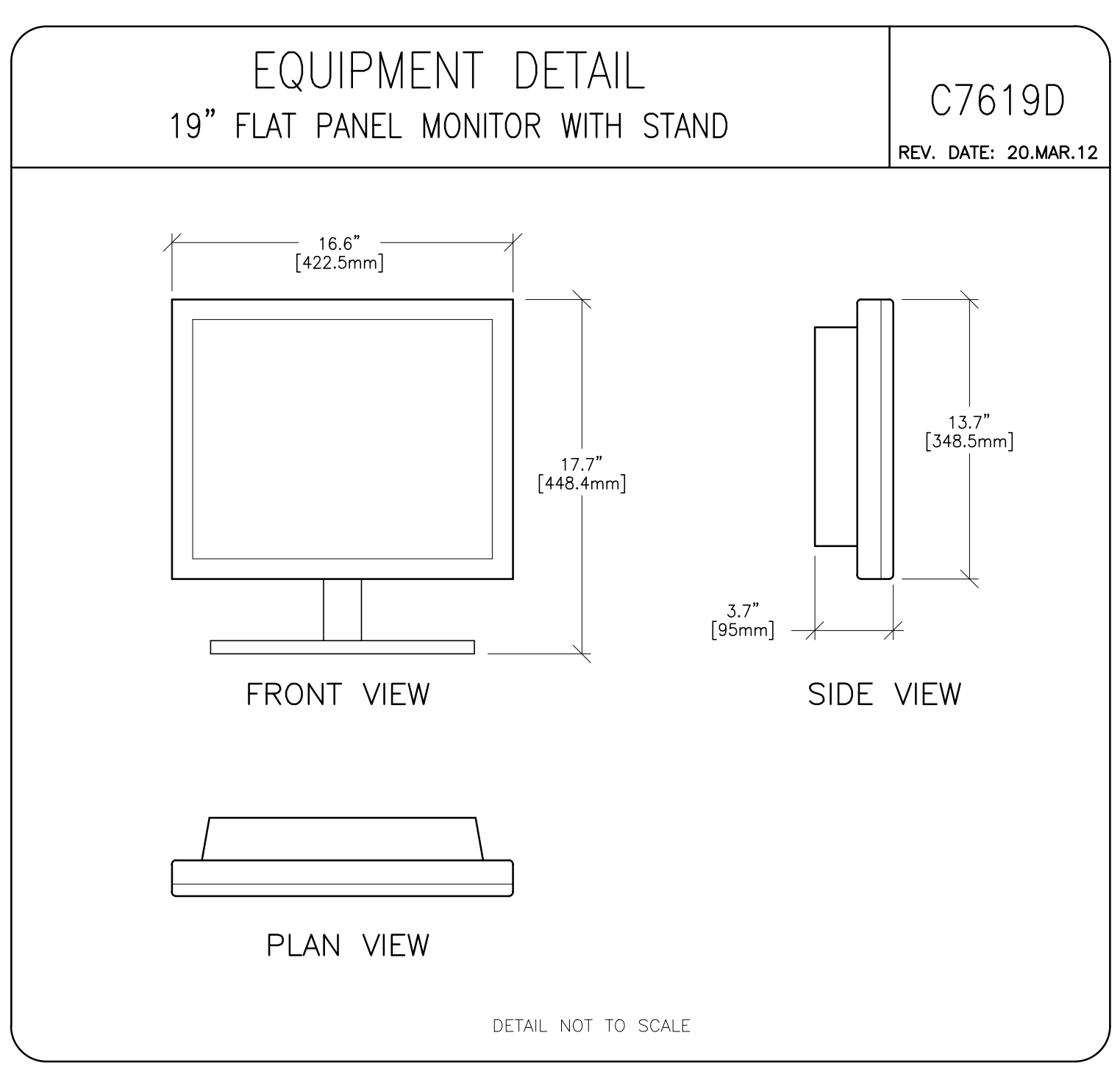
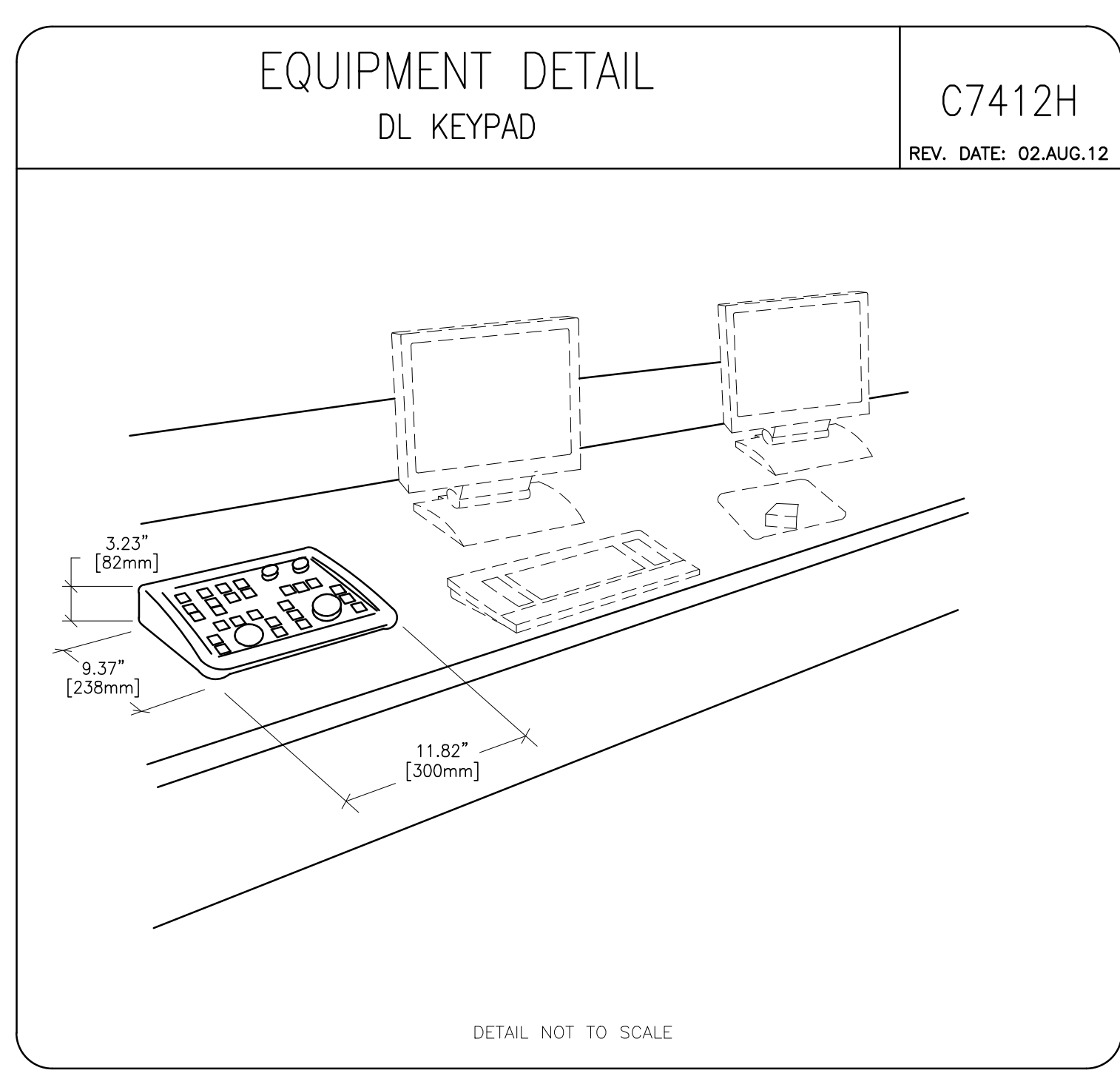
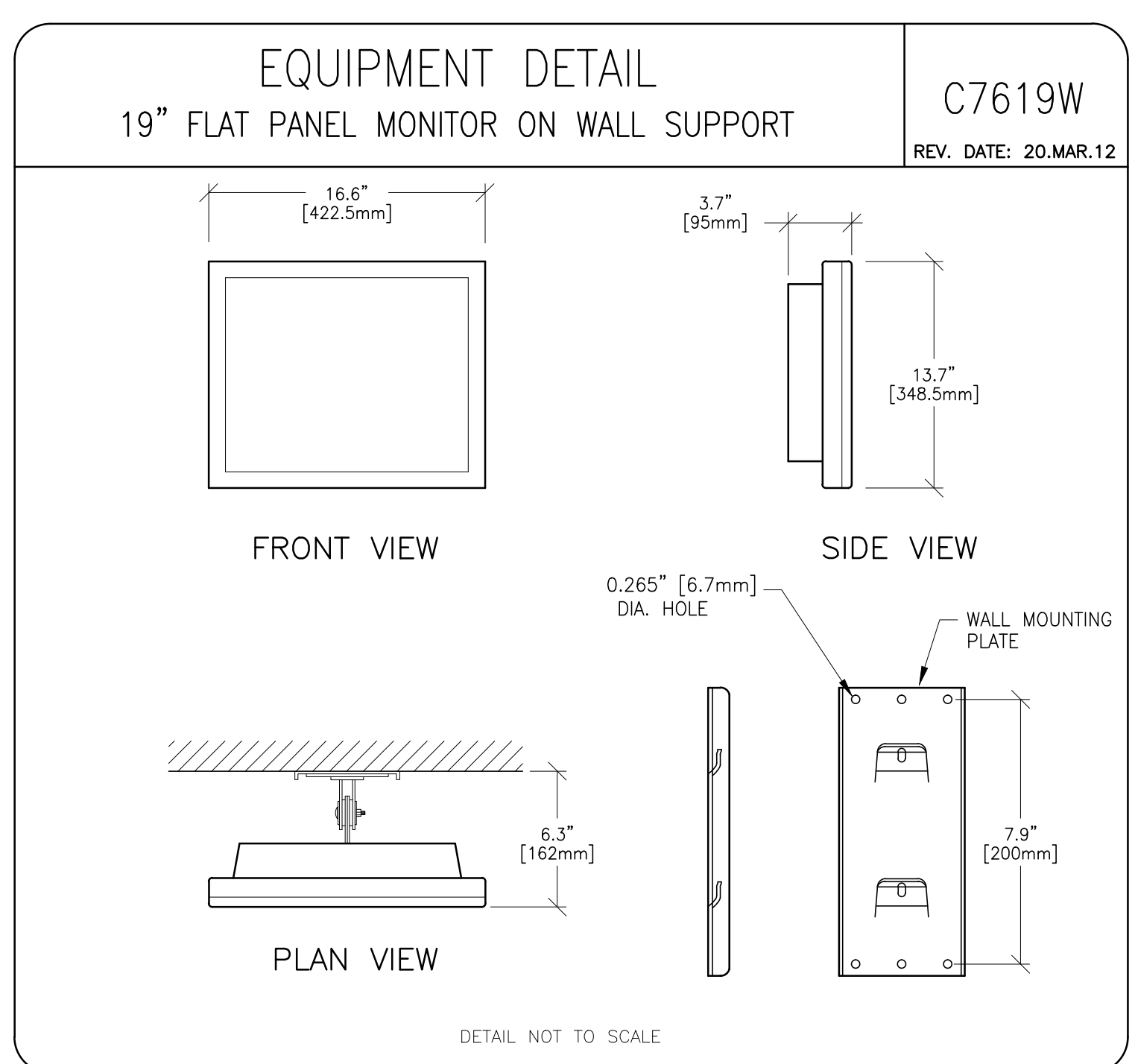
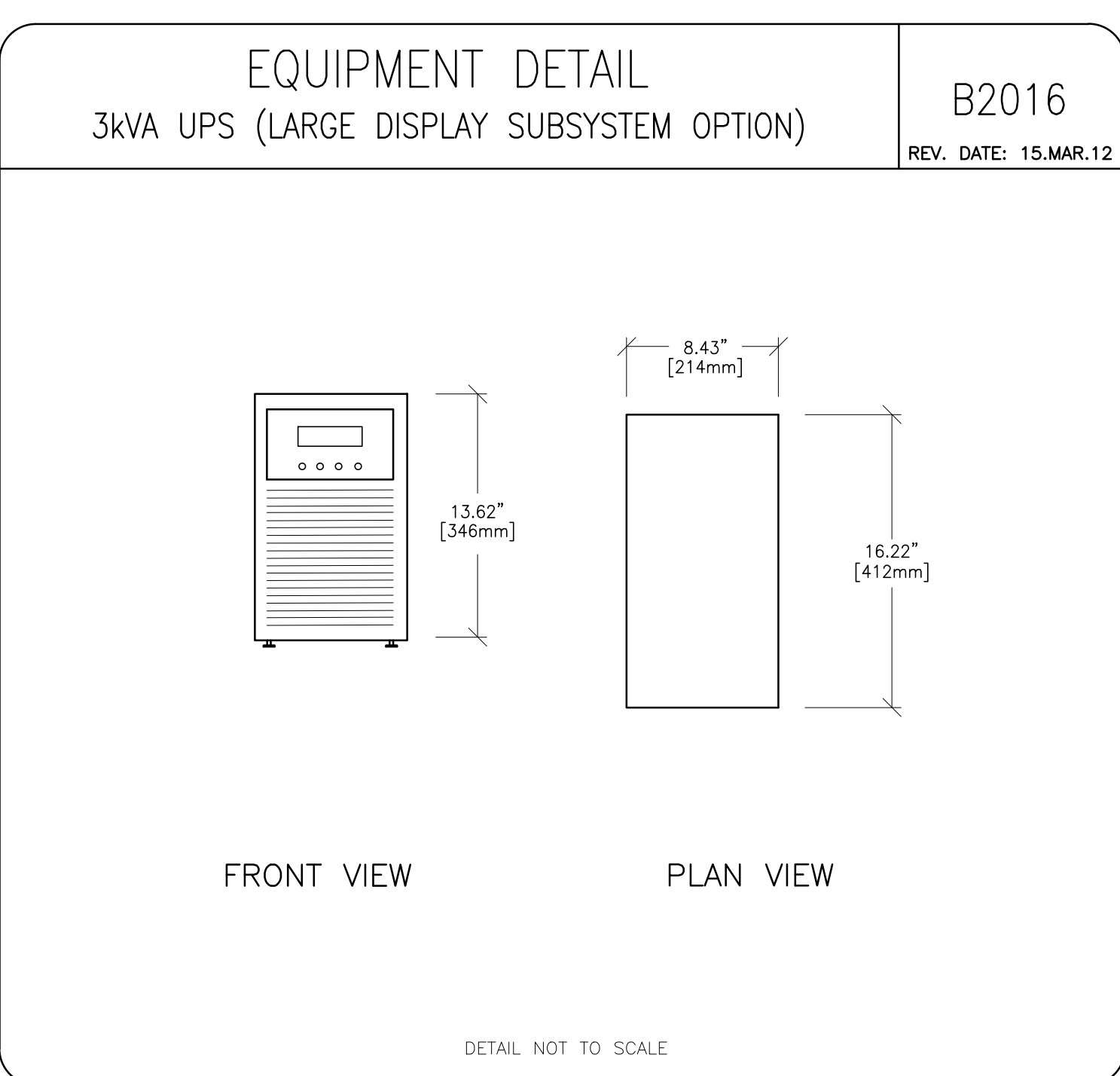
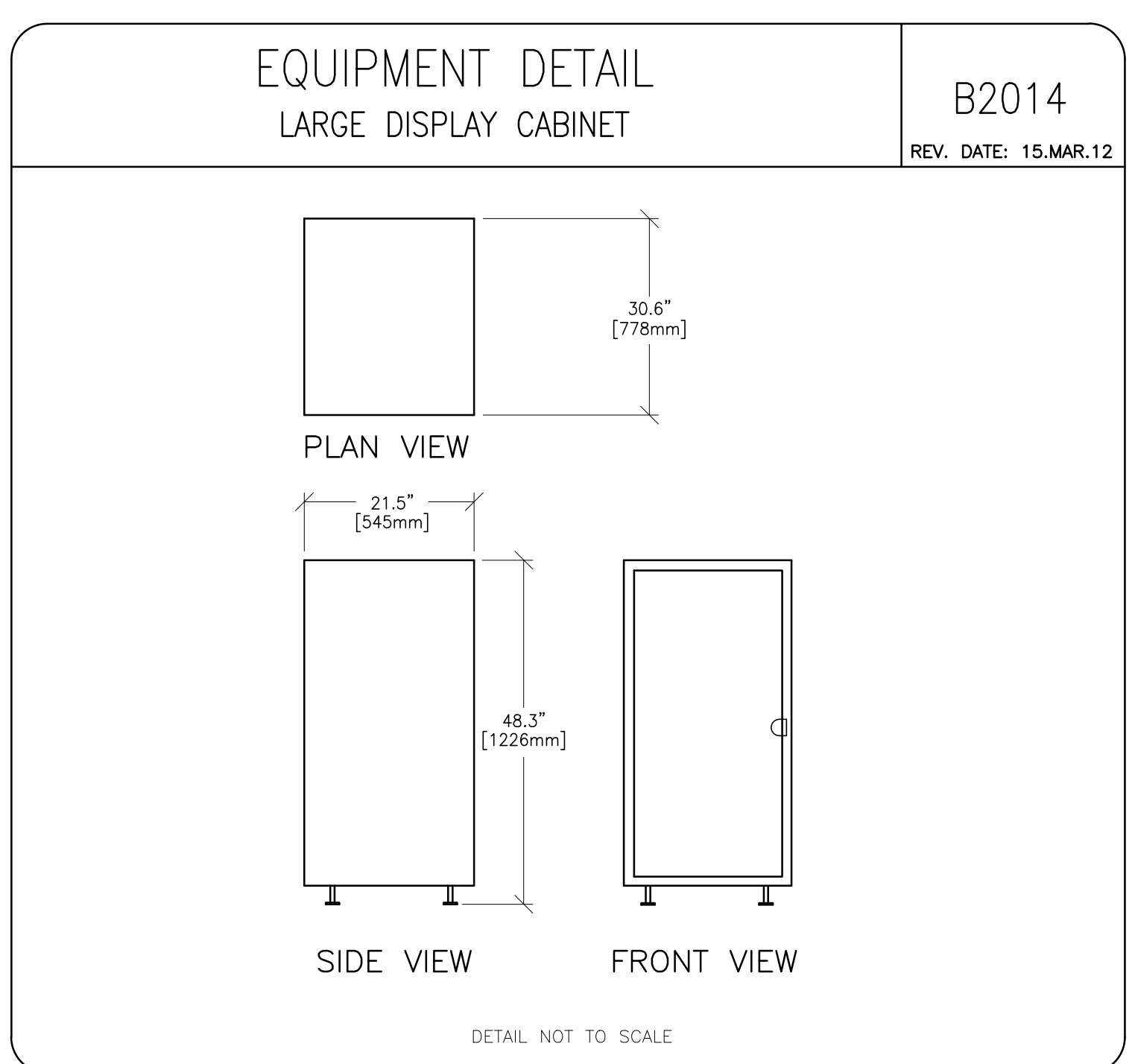
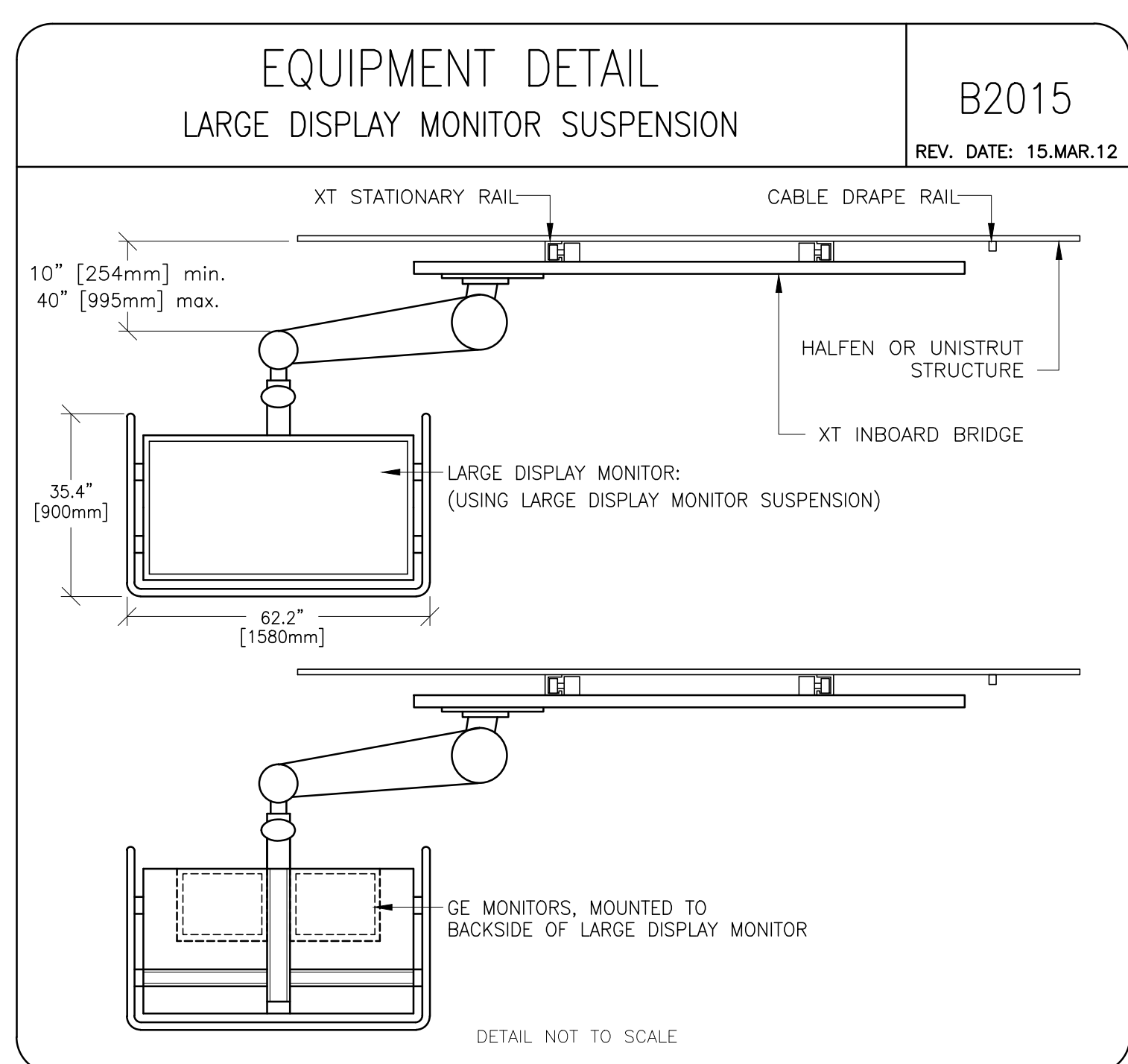
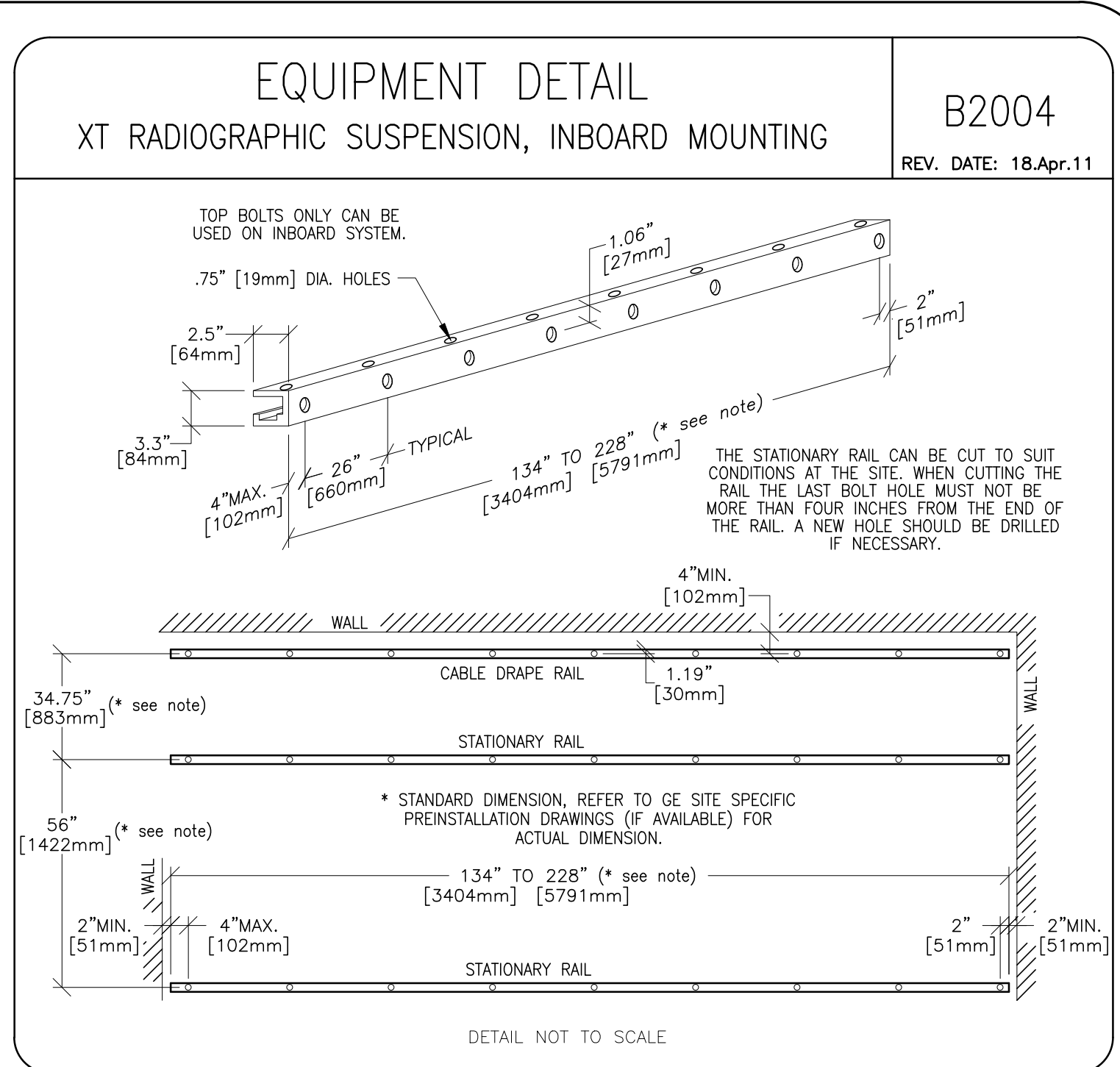
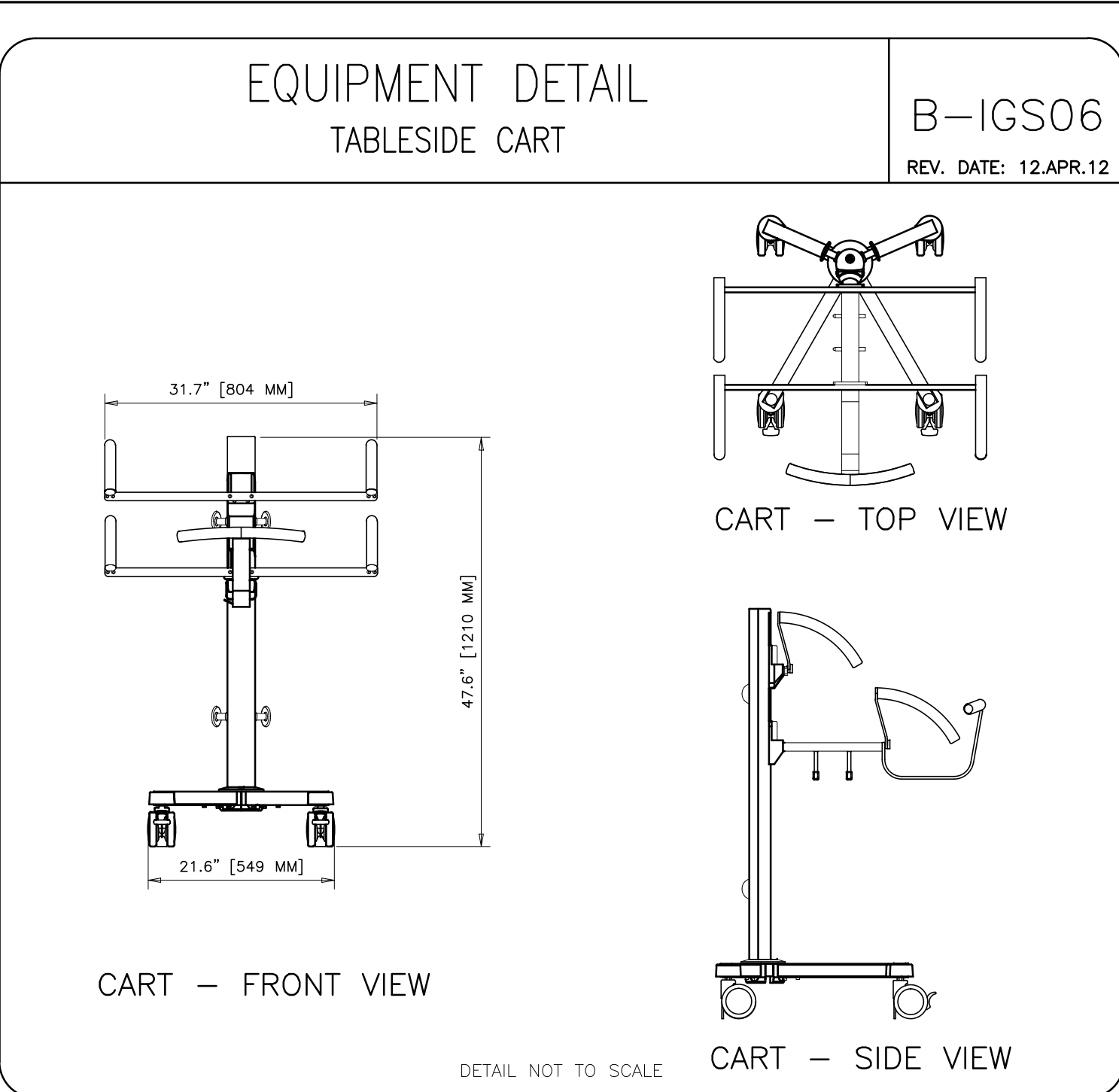
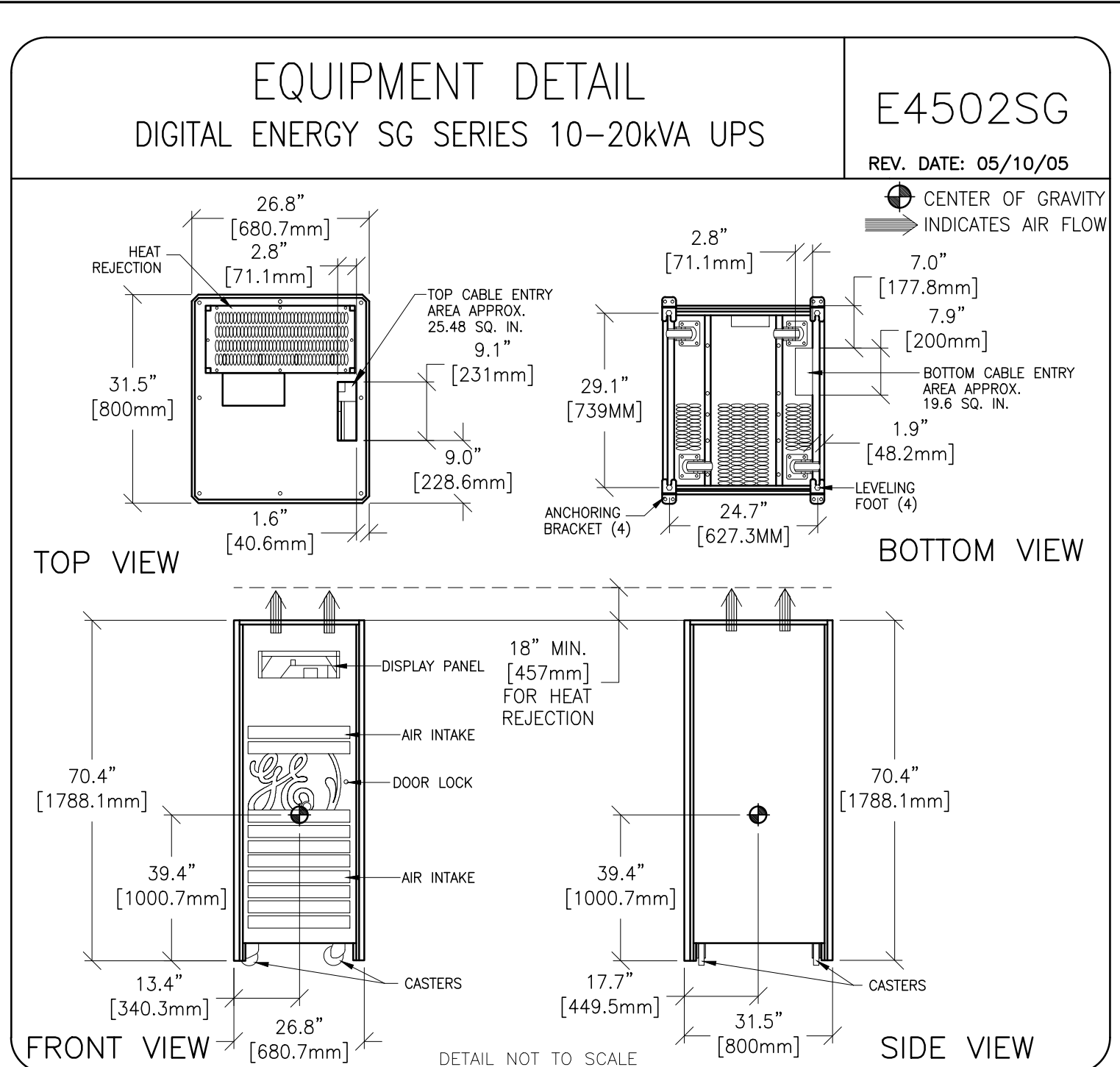
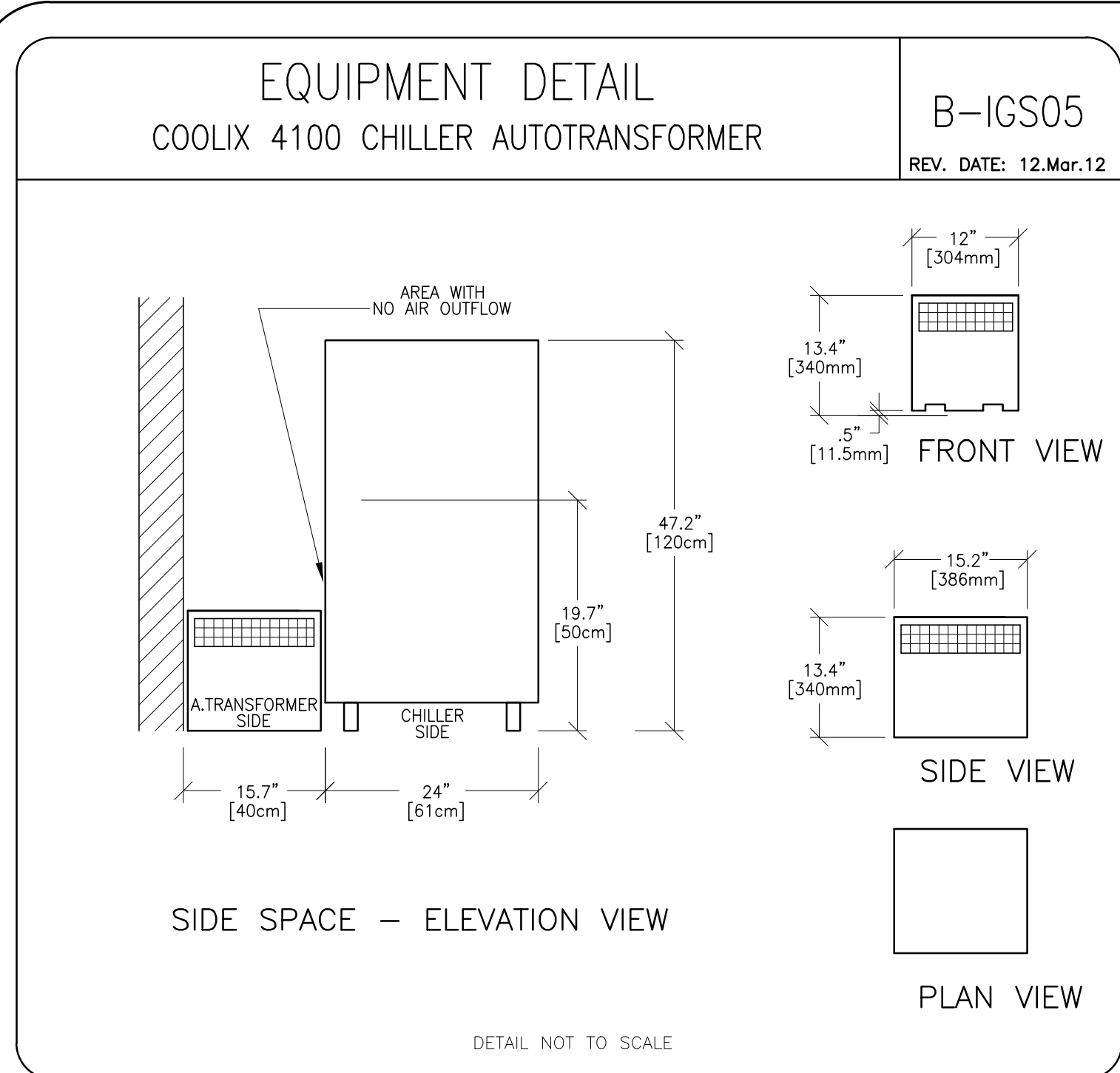
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| PROJECT | REVISION |
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| 4-92f | 01 |
| DATE: | 22.Oct.15 |
| DRAWN BY: | SLR |
| CHECKED BY: | TST |

REVISION HISTORY:

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GE Healthcare
Healthcare Project Implementation - Design Center
Milwaukee, Wisconsin

SHEET TITLE: EQUIPMENT DETAILS
MODALITY TYPE: DISCOVERY IGS

THIS PLAN IS SUBMITTED TO SUGGEST LOCATION OF GE HEALTHCARE EQUIPMENT AND ASSOCIATED ELECTRICAL WIRING DETAILS AND ROOM ARRANGEMENTS. IN PREPARING THIS PLAN, EVERY EFFORT HAS BEEN MADE TO CONFORM TO THE ACTUAL CONSTRUCTION DIMENSIONS. GE HEALTHCARE AND THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

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TYPICAL FINAL DRAWINGS

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REVISION HISTORY:

SHEET
D3