

# Drawing Index

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

SITE READINESS	C1
EQUIPMENT LAYOUT (Equipment locations, heat loads, component weights, environmental specs)	A1
STRUCTURAL LAYOUT (Structural support/mounting locations for floor/wall/ceiling, wall support elevations)	S1
STRUCTURAL DETAILS (Floor and Ceiling loading information)	S2 THRU S3
ELECTRICAL LAYOUT (Contractor supplied wiring, interconnect methods, junction point locations and descriptions)	E1
ELECTRICAL SPECIFICATIONS (Maximum wiring run lengths, interconnect diagram, system power specifications)	E2
ELECTRICAL DETAILS	E3 THRU E4
EQUIPMENT DETAILS	D1 THRU D2

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

## \* REQUIRED REFERENCE \*

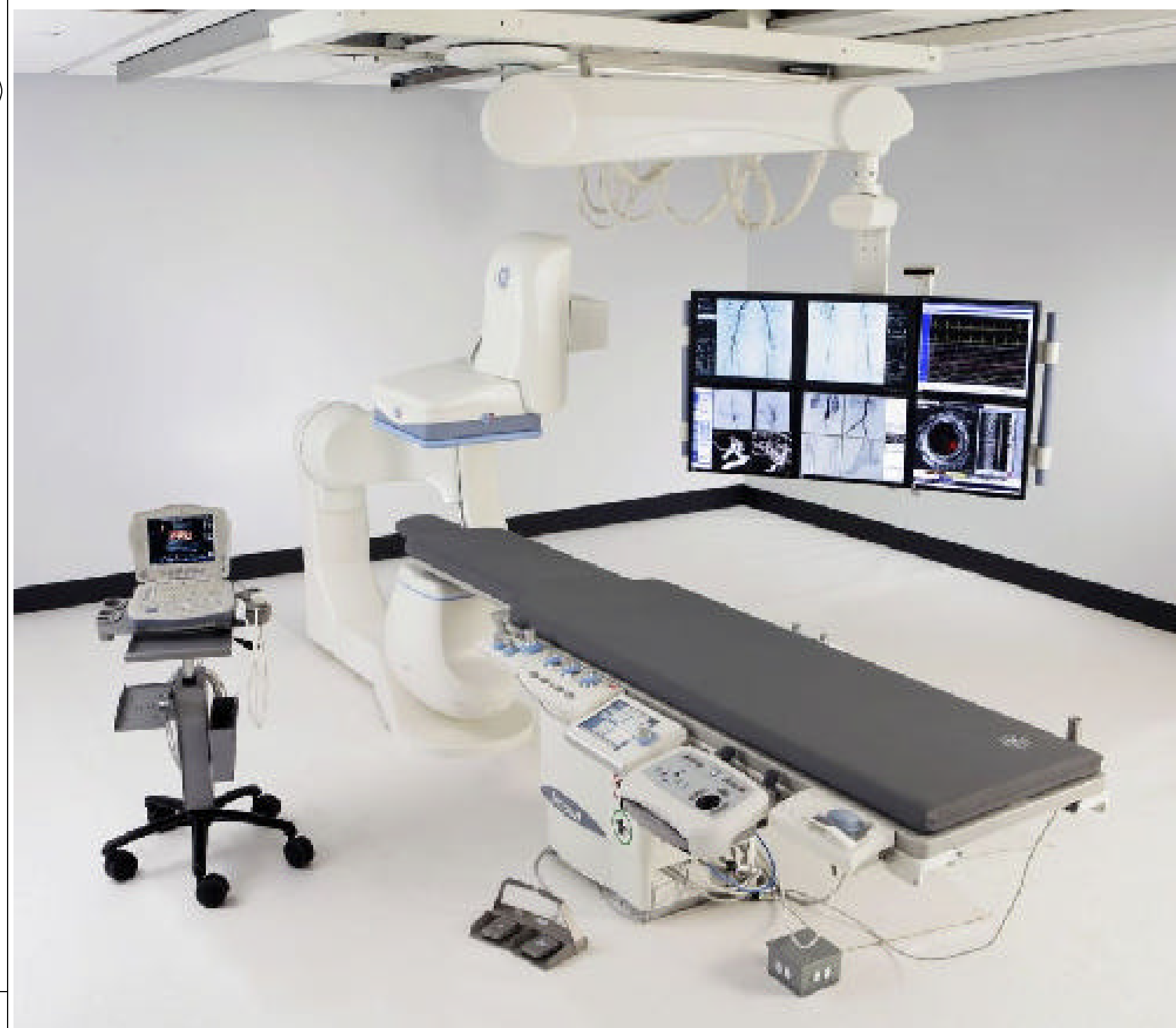
Innova 2121-3131  
Preinstallation Manual  
5177951-100

A mandatory component of this drawing set is the GE Healthcare Preinstallation manual. Failure to reference the preinstallation manual will result in incomplete documentation required for site design and preparation.

Preinstallation documents for GE Healthcare products can be accessed on the web at:

<http://www.gehealthcare.com/company/docs/siteplanning.html>

# GE Healthcare



## Cardio-Vascular Site Planning



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

Items 1 through 8 on the GE Healthcare Site Readiness Checklist are REQUIRED to facilitate equipment delivery to the installation site. Equipment will not be delivered if these requirements are not satisfied.

GE Healthcare Site Readiness Checklist						
GEHC Global Order # : _____		Customer: _____				
GEHC On-site Representative : _____		MI Supplier: _____				
Name of customer reviewed with : _____		Lead Installer: _____				
GEHC PMI : _____		Phone Number: _____				
Target Site Prep Completion Date: _____		Helper: _____				
The customer is responsible for proper site preparation and site readiness regardless of any GEHC inspections/assessments.						
Item #	Inspection Date	Storage: Is item ready?	Predict (Pre-ship): Is this item ready?	Verify (Delivery): Will item be ready?	Validate (Mech install): Is item ready?	Comments
1	GEHC Minimum Requirements					If "N", please enter in comments or action plan
1	Equipment installation drawings must match actual room size and must meet clearance requirements. Deviations that meet installation requirements may be red-lined, if red-lining is allowed by local code. Seismic requirements are identified on construction drawings.					
2	Delivery route to installation or storage area meets requirements and has been discussed and scheduled with the customer. Ensure floor protection is discussed, requirements identified, and will be available at time of delivery and installation.					
3	Rooms that will contain equipment, including storage areas, are dust free. Room security to prevent unauthorized access and theft has been discussed with customer. The customer is aware of these security issues, implications and responsibility.					
4	In room HVAC ductwork and units (in room) must be mechanically installed and dust free. Installation rooms appear to meet environmental conditions (see Further Definitions) and observed issues have been communicated to the customer. If being stored, storage area must meet PIM storage criteria.					
5	Ceiling grid is installed, Unistrut is located per the installation drawings, and permanent lighting is installed and operational.					
6	Floor is clean and prepared for final floor covering. Customer has verified floor leveling meets the equipment installation drawings and PIM specs and no visible defects are observed. Gantry and table baseplate are installed prior to delivery (if applicable)					
7	Access to a working phone at the facility for emergency use, including MR magnet delivery.					
8	All walls primed (final coat not needed on Day 1), and counter tops that will support equipment must be installed. No dust-producing cabinetry work in installation areas.					
9	Mechanical supplier has been provided with a set of equipment installation drawings for reference. For California, permitted construction drawings or PMI-specified installation drawings are required.					
10	Conduit/electrical cable ducting/dividers/ access flooring installed, with the exception of surface-mounted floor ducting. Wiring to the main disconnect panel is installed and compliant with equipment installation drawings or pre-installation manual.					

Issued Date: 7/9/07 Rev 11

GE Healthcare  
Installation Services - Design Center  
Waukesha, Wisconsin

SHEET TITLE: SITE READINESS  
MODALITY TYPE: INNOVA 2121/3131 BIPLANE  
THIS PLAN IS SUBMITTED IN THE BEST INTEREST OF THE LOCATION OF GE HEALTHCARE EQUIPMENT. AN ASSOCIATED WITH THE LOCATION OF GE HEALTHCARE EQUIPMENT. IN PREPARING THIS PLAN, EVERY EFFORT HAS BEEN MADE TO CONFORM TO THE REQUIREMENTS OF THE LOCATION OF GE HEALTHCARE EQUIPMENT. IT IS NOT TO BE USED FOR THE ACTUAL EQUIPMENT EXPECTED TO BE INSTALLED. THE INSTALLER ASSUMES ALL RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE:  
ELECTROPHYSIOLOGY (EP) LAB TYPICAL LAYOUT

PROJECT	REVISION
5-88	00
DATE:	02-24-09
DRAWN BY:	LLM
CHECKED BY:	TST

REVISION HISTORY:


SHEET  
C1

GE EQUIPMENT LISTING

ITEM NO.	QUANTITY ORDERED	REFER TO SHEET "D"	ITEM DESCRIPTION (* = EXISTING/REINSTALL)	WEIGHT	HEAT OUTPUT (PER HOUR)	DETAIL NO.	EQUIPMENT CROSS REFERENCE CHART	
							STRC PLAN	ELEC PLAN
1	1		BOLUS CHASE HANDSWITCH	2 lbs			---	WBBC
2	1		IVUS VOLCANO S31 CONSOLE, INCLUDES FLAT PANEL MONITOR AND KEYBOARD (DESK MOUNTED)	68 lbs	1631 btu	B551	---	IVUS
3	1		WORKSTATION CART				---	
4	1		COMBO LAB CONSOLE, INCLUDES MONITORS AND KEYBOARD	203 lbs	2935 btu		---	PC
5	1		TRAM NET RACK	8 lbs		B5047	---	TRAM
6	1		CLAB 2 PLUS AMPLIFIER	24 lbs	204 btu	B5051	---	AMP
7	1		MAPPING WORKSTATION	46 lbs	682 btu		---	
8	1		COUNTERBALANCED EYE AND THYROID SHIELD WITH LAMP	143 lbs		B5031E	B5031F	LMP
9	1		IVUS VOLCANO COLOR PRINTER				---	
10	1		UPS CABINET	1170 lbs	4050 btu	E4502SC	---	UPS
11	1		3 KVA UPS CABINET	81 lbs	546 btu		---	UPS1
12	1		AP FRONTAL CABINET (C1)	890 lbs	4413 btu	B0558B	---	C1
13	1		LC/LP CABINET (C2)	630 lbs	4570 btu		---	C2
14	1		LATERAL CABINET (C3)	705 lbs	2945 btu		---	C3
15	1		REMOTE MONITORING WORKSTATION WITH TWO LCD MONITORS	81 lbs	1109 btu		---	RMT
16	2		LONGITUDINAL STATIONARY RAIL FOR LCD MONITOR SUSPENSION	68 lbs		B20041	---	C
17	1		OPERATORS CONSOLE	22 lbs	546 btu	C7617 C7502 B5050D	---	WBC1
18	1		XR BUZZER (LOCATED ABOVE CEILING)	2 lbs		B5150H	---	XR3
19	1		LATERAL DETECTOR CHILLER	33 lbs	709 btu	B5150A	---	DC
20	1		LATERAL WATER CHILLER	447 lbs	16320 btu	M0917B	---	CHLR
21	1		AP DETECTOR CHILLER	32 lbs	709 btu	B5150A	---	DC
22	1		AP TUBE CHILLER	447 lbs	18723 btu	M0917B	---	CHLR
23	1		EIGHT LCD MONITOR SUSPENSION ON 7 FT. 9 IN. XT INBOARD BRIDGE	630 lbs	1638 btu	B2004 B2010A	---	WBM1
24	1		OMEGA IV/V TABLE WITH ROTATING TOP	1750 lbs	614 btu		B5049N	LUS
25	1		LATERAL POSITIONER BRIDGE MOUNT ASSEMBLY MOUNTED FROM CEILING SUPPORTS	1679 lbs	4126 btu	B5150B B5150C	---	LP4
26	2		LONGITUDINAL STATIONARY RAIL FOR LATERAL GANTRY INNOVA POSITIONER	68 lbs		B2004A	---	C
27	1		INNOVA POSITIONER (REFERENCE TABLE BASE-PLATE DETAIL FOR FLOOR MOUNTING INFORMATION)	1653 lbs	2416 btu	B5050A B5050B B5050D	---	LC1
28	1		NURSE WORKSTATION	46 lbs	682 btu		---	
29	1		CLINICAL WORKSTATION	46 lbs	682 btu		---	
30	1		18 IN. MONITOR ON WALL SUPPORT (LATERAL - REFERENCE)	26 lbs	204 btu	C7617B	S18	WBM2
31	1		18 IN. MONITOR ON WALL SUPPORT (LATERAL - LIVE)	26 lbs	204 btu	C7617B	S18	WBM3
32	1		18 IN. MONITOR ON WALL SUPPORT (AP - REFERENCE)	26 lbs	204 btu	C7617B	S18	WBM4
33	1		18 IN. MONITOR ON WALL SUPPORT (AP - REFERENCE)	26 lbs	204 btu	C7617B	S18	WBM5

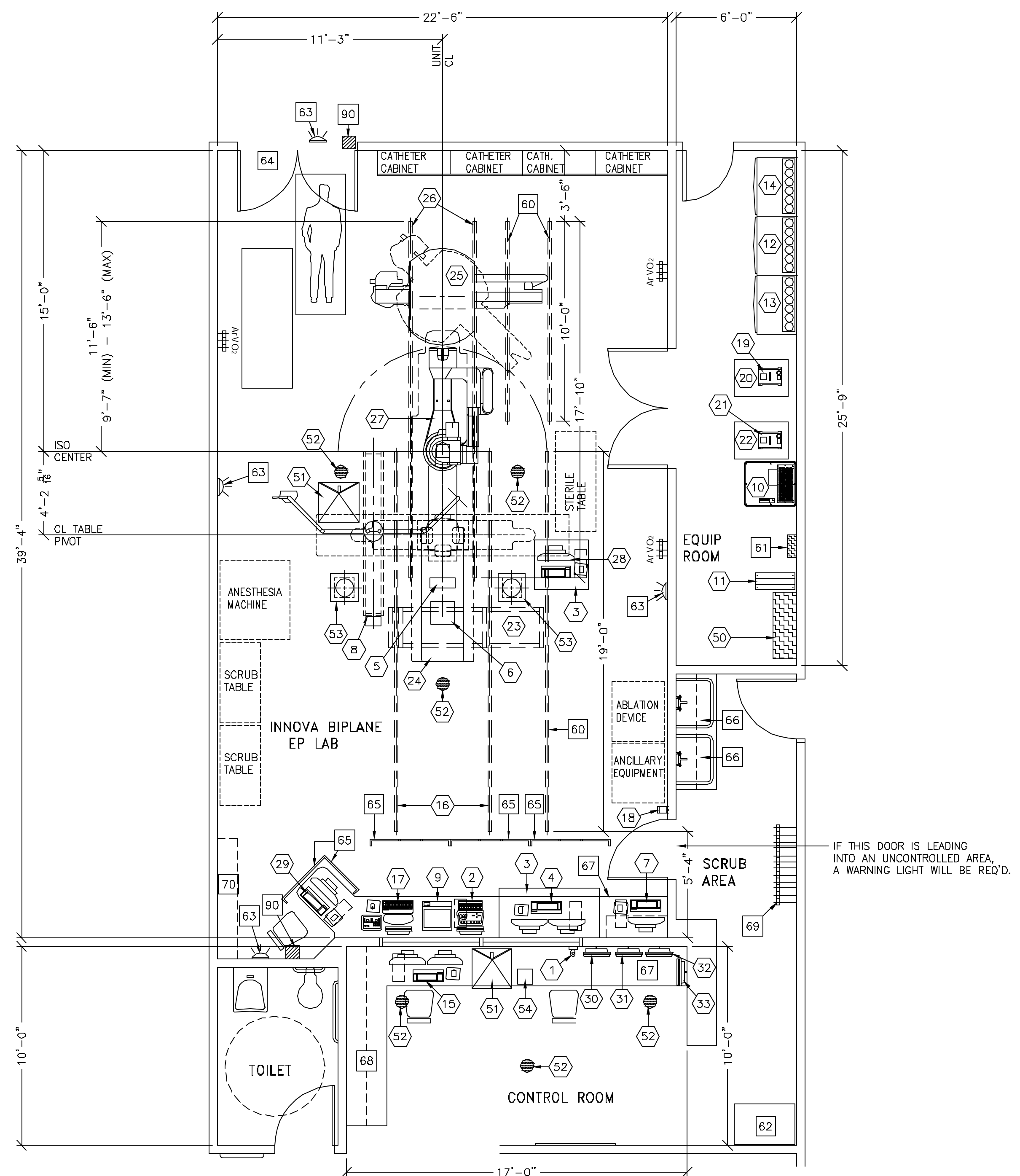
THE FOLLOWING ITEMS, WHICH HAVE BEEN ORDERED FROM GE HEALTHCARE, ARE TO BE INSTALLED BY THE CUSTOMER OR HIS CONTRACTOR.

60	1		INNOVA MAIN DISCONNECT, REFERENCE JUNCTION POINT 'A' ON SHEET 'E1' FOR DETAILED DESCRIPTION.	899 lbs	2215 btu	E4502BE	---	PDB
61	2		VITALING MICROPHONE				---	
62	2		VITALING SPEAKER				---	
63	2		SKYTRON LIGHTING UNIT	50 lbs	341 btu	B2063	B2063A	SL
64	1		VITALING CONSOLE			B0566	---	

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

EQUIPMENT LAYOUT REQUIRED CEILING HEIGHT = 9'-4 +/- 0.2"

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.



ANCILLARY ITEMS

CUSTOMER/CONTRACTOR SUPPLIED AND INSTALLED ITEMS

ITEM NO.	ITEM DESCRIPTION (* INDICATES EXISTING)
60	CABLE DRAPE RAIL.
61	150-AMP DISCONNECT BREAKER (FOR LOCK-OUT/TAG-OUT CAPABILITY)
62	CUSTOMER SUPPLIED STORAGE CABINET
63	X-RAY ON WARNING LIGHT - AVAILABLE FROM GE SUPPLY CALL: 800-200-9760 GE CAT. NO. WX1ABWV-DF-X1U
64	MINIMUM DOOR OPENING FOR EQUIPMENT DELIVERY IS 44 IN. W X 89 IN. H (1118mm X 2198mm). CONTINGENT ON A 96 IN. (2438mm) CORRIDOR WIDTH
65	MOBILE RADIATION SHIELD
66	SCRUB SINK
67	COUNTER TOP FOR EQUIPMENT - SHELVING MAY BE REQUIRED. PROVIDE GROMMETED OPENINGS AS REQUIRED TO ROUTE INTERCONNECT CABLES TO RACEWAY BELOW COUNTERTOP.
68	COUNTERTOP WITH BASE AND WALL CABINETS
69	LEAD APRON RACK
70	UPPER CASEWORK

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

69	X-RAY ROOM WARNING LIGHT CONTROL PANEL REFERENCE JUNCTION POINT 'XRLC' ON SHEET 'E1' FOR DETAILED DESCRIPTION -E4500AK FOR WARNING LIGHT CONTROL ONLY.
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GENERAL SPECIFICATIONS

- THE REQUIRED CEILING HEIGHT INDICATED ON THESE PLANS IS TO ENSURE EQUIPMENT FUNCTION IS NOT INHIBITED. CONSULT WITH YOUR LOCAL GEHC INSTALLATION 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 PRECIPITATED 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 INSTALLATION. 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

- EQUIPMENT ROOM AMBIENT OPERATING TEMPERATURE: 50 TO 95 DEGREES (F).
- MAXIMUM ALLOWABLE TEMPERATURE CHANGE OF 15 DEGREES (F)/HOUR, WITH 30% - 75% HUMIDITY.
- EXAM ROOM AMBIENT OPERATING TEMPERATURE: 50 TO 95 DEGREES (F).
- MAXIMUM ALLOWABLE TEMPERATURE CHANGE OF 15 DEGREES (F)/HOUR, HUMIDITY: 30% - 70%
- CONTROL ROOM AMBIENT OPERATING TEMPERATURE: 50 TO 75 DEGREES (F).
- MAXIMUM ALLOWABLE TEMPERATURE CHANGE OF 15 DEGREES (F)/HOUR, HUMIDITY: 30% - 75%
- ALTITUDE: NOT TO EXCEED 8,000 FT. 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

IMAGE INTENSIFIERS 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  
Installation Services - Design Center  
Waukesha, Wisconsin

SHEET TITLE: EQUIPMENT LAYOUT  
MODALITY TYPE: INNOVA 2121/3131 BIPLANE

THIS PLAN IS SUBMITTED TO SUGGEST LOCATION OF GE HEALTHCARE EQUIPMENT AS SHOWN ON THIS PLAN. EVERY EFFORT HAS BEEN MADE TO CONFORM DETAILS TO ACTUAL EQUIPMENT EXPECTED TO BE INSTALLED. GEHC COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE:  
ELECTROPHYSIOLOGY (EP) LAB TYPICAL LAYOUT

PROJECT	REVISION
5-88	00

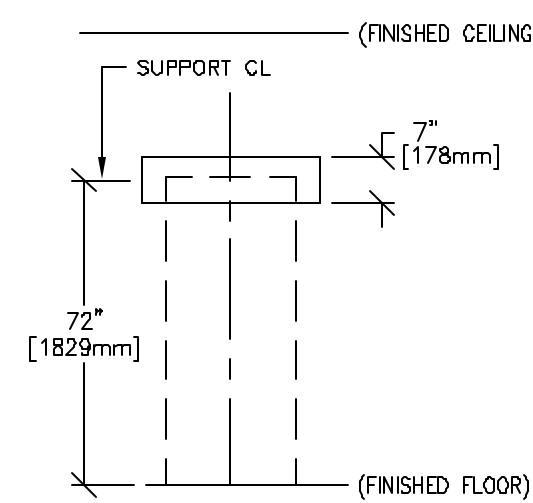
DATE: 02-24-09  
DRAWN BY: LLM  
CHECKED BY: TST

REVISION HISTORY:


SHEET  
A1

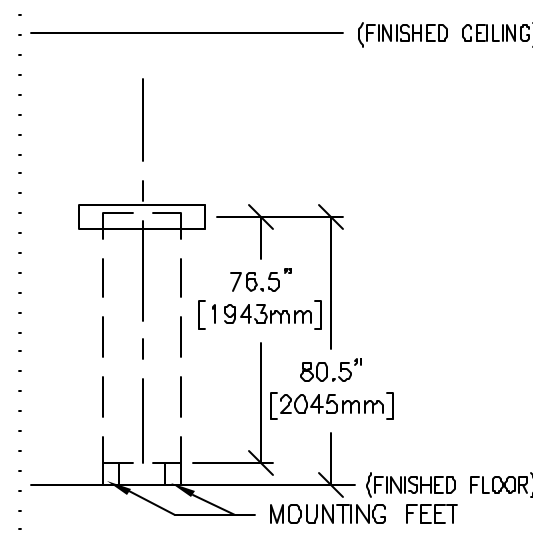
TYPICAL WALL SUPPORT ELEVATIONS

S100



SUPPORT FOR ATLAS/SYSTEMS CABINET (NOT TO SCALE)

S120

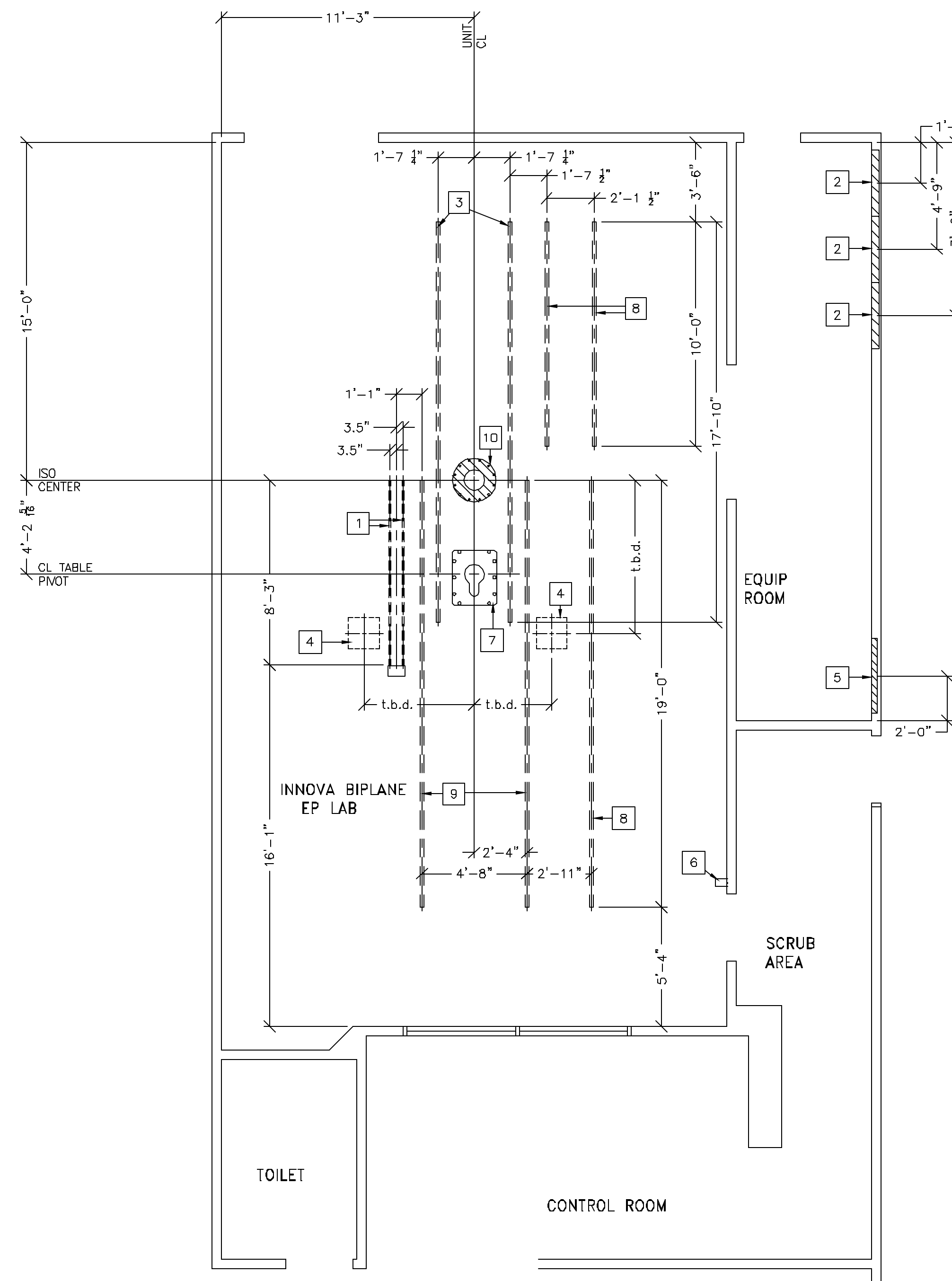


SUPPORT FOR MAIN DISCONNECT CONTROL (NOT TO SCALE)

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

STRUCTURAL LAYOUT

REQUIRED CEILING HEIGHT = 9'-4" +/- 0.2"



STRUCTURAL SUPPORT METHODS

CUSTOMER/CONTRACTOR SUPPLIED AND INSTALLED ITEMS

ITEM NO.	ITEM DESCRIPTION (* INDICATES EXISTING)
1	UNISTRUT OR EQUIVALENT SUPPORTS FOR FASTENING THE OVERHEAD COUNTERSINKED 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. SUSPENSION REQUIRES 100 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	SUPPORT BACKING, LOCATE AS SHOWN. REFER TO ELEVATION DETAIL S100, FOR ATLAS CABINET.
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'-2" AND REQUIRE 430 LBS. < 397 LBS IN SEISMIC REGIONS) PER BOLT LOAD. METHODS OF SUPPORT THAT PERMIT ATTACHMENT TO STRUCTURAL STEEL OR THROUGH BOLTS IN CONCRETE CONSTRUCTION SHOULD BE FAVORED. DO NOT USE SCREW ANCHORS IN DIRECT TENSION.
4	SKYTRON LAMP LOCATION. LIGHTS MAY NEED TO BE RECESSED TO AVOID INTERFERENCE WITH OTHER CEILING MOUNTED ITEMS. CONSULT MANUFACTURER TO VERIFY LOCATION AND MOUNTING.
5	SUPPORT BACKING, LOCATE AS SHOWN. REFER TO ELEVATION DETAIL S120, FOR MAIN DISCONNECT CONTROL.
6	MOUNT XR BUZZER BRACKET ON WALL, ABOVE CEILING.
7	AREA OCCUPIED BY GE SUPPLIED TABLE BASEPLATE
8	>>COMPONENTS FLUSH WITH CEILING<< UNISTRUT OR EQUIVALENT SUPPORT IN CEILING FOR FASTENING CABLE DRAPE RAIL. 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'-2" AND REQUIRE 50 LBS. PER BOLT LOAD. METHODS OF SUPPORT THAT PERMIT ATTACHMENT TO STRUCTURAL STEEL OR THROUGH BOLTS IN CONCRETE CONSTRUCTION SHOULD BE FAVORED. DO NOT USE SCREW ANCHORS IN DIRECT TENSION.
9	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'-2" AND REQUIRE 380 LBS. < 397 LBS IN SEISMIC REGIONS) PER BOLT LOAD. METHODS OF SUPPORT THAT PERMIT ATTACHMENT TO STRUCTURAL STEEL OR THROUGH BOLTS IN CONCRETE CONSTRUCTION SHOULD BE FAVORED. DO NOT USE SCREW ANCHORS IN DIRECT TENSION.
10	AREA OCCUPIED BY GE SUPPLIED POSITIONER BASEPLATE

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. (10) 12,7mm (1/2") DIA. x 38,1mm (1 1/2") LONG BOLTS WITH UNISTRUT 12,7mm (1/2") NUTS WITH SPRINGS ARE TO BE PROVIDED BY CUSTOMER OR HIS CONTRACTORS FOR EACH STATIONARY AND AUXILIARY SUPPORT RAIL. 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.

SHEET TITLE: STRUCTURAL LAYOUT

MODALITY TYPE: INNOVA 2121/3131 BIPLANE

THIS PLAN IS SUBMITTED AS SUGGESTION. LOCATION OF GE HEALTHCARE EQUIPMENT AND ASSOCIATED UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR. GE HEALTHCARE ACCEPTS NO LIABILITY FOR ANY DAMAGES RESULTING FROM THE INSTALLATION OF THIS PLAN. EVERY EFFORT HAS BEEN MADE TO CONFORM TO THE ACTUAL EQUIPMENT EXPECTED TO BE INSTALLED. GE HEALTHCARE ACCEPTS NO LIABILITY FOR ANY DAMAGES RESULTING FROM THE INSTALLATION OF THIS PLAN.

PROJECT TITLE: ELECTROPHYSIOLOGY (EP) LAB TYPICAL LAYOUT

PROJECT	REVISION
5-88	00
DATE:	02-24-09
DRAWN BY:	LLM
CHECKED BY:	TST

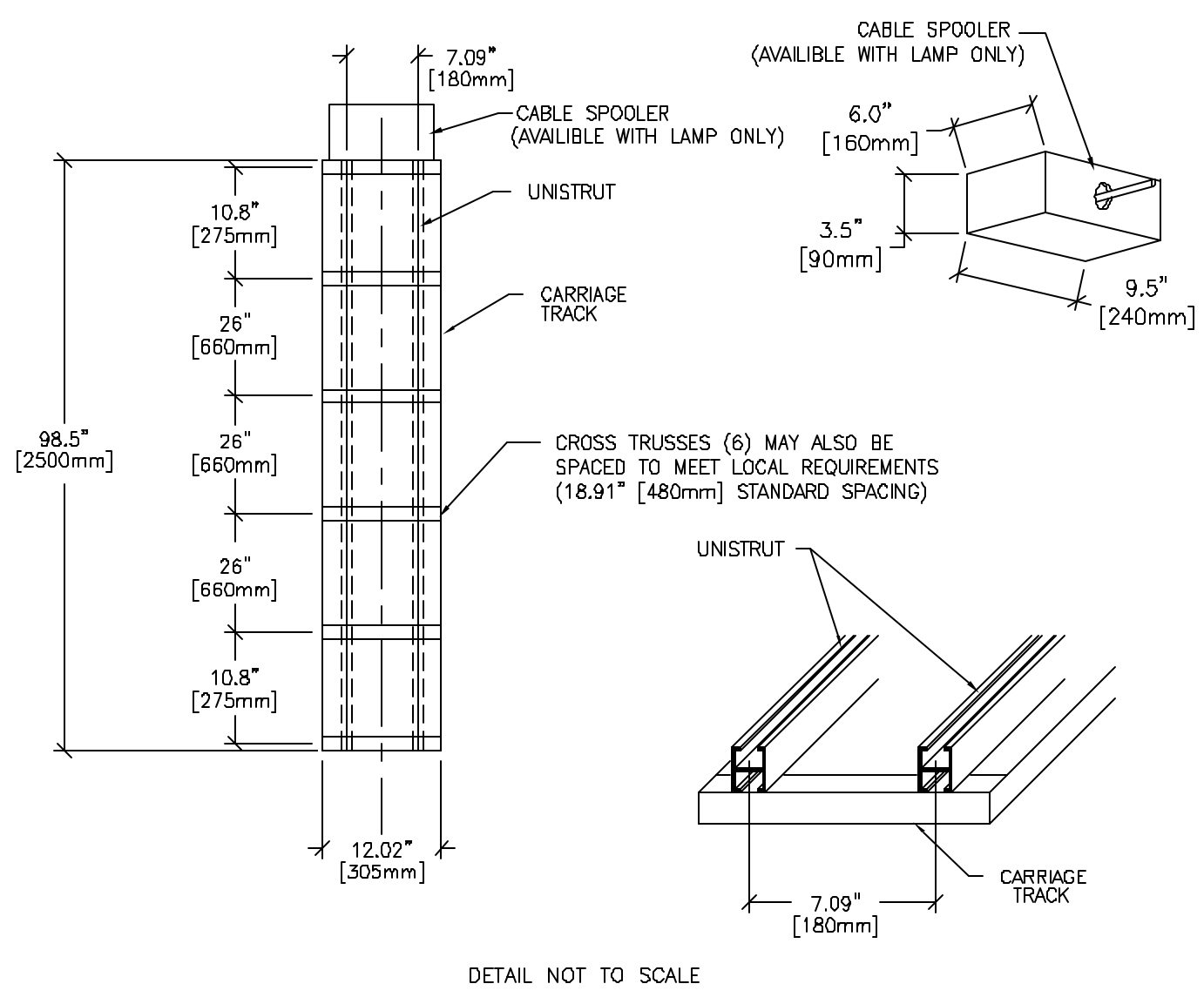
REVISION HISTORY:

SHEET S1

GE Healthcare  
 Installation Services - Design Center  
 Waukesha, Wisconsin

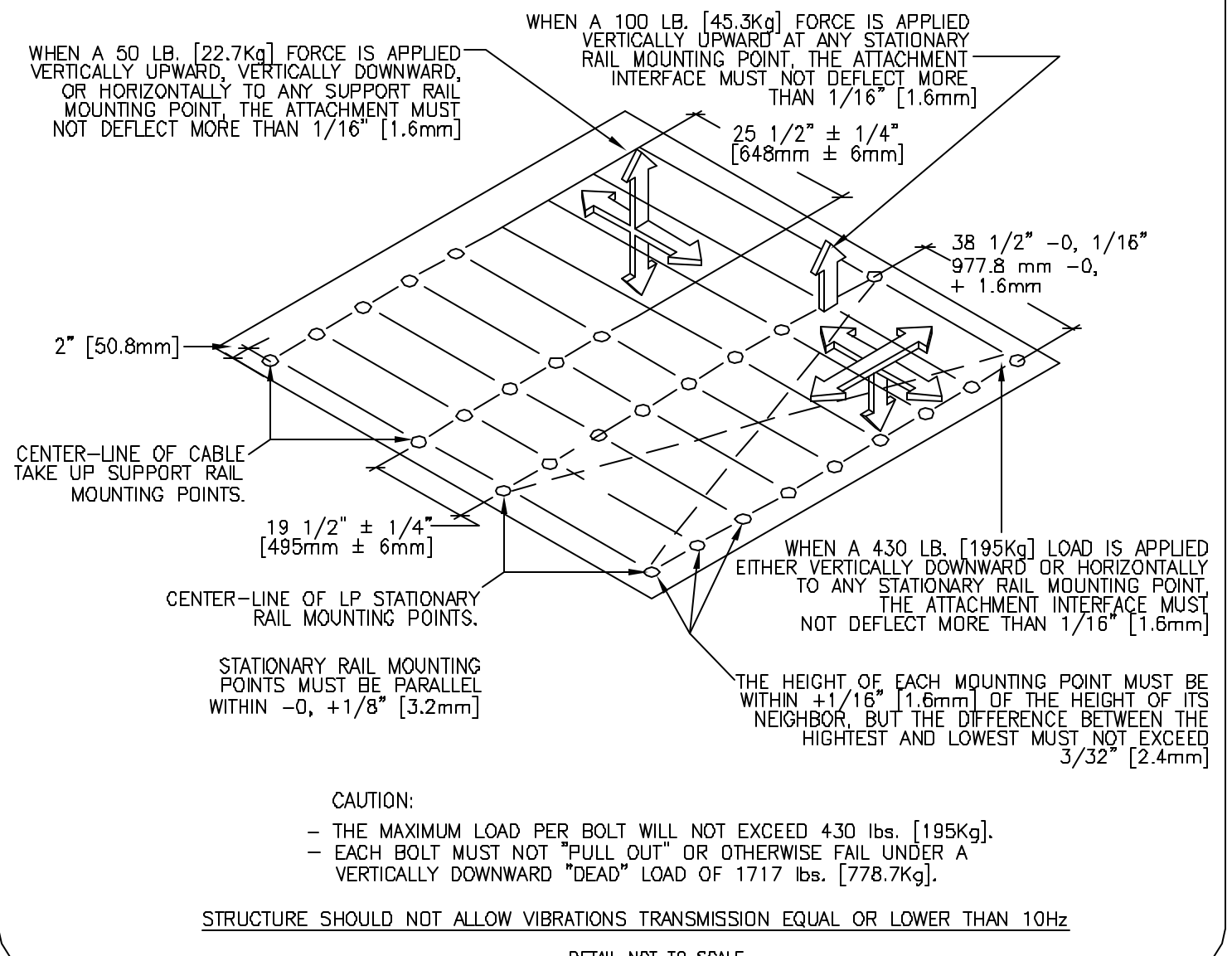
SUPPORT DETAIL  
MAVIG CEILING TRACK MOUNTING

B50-31F  
REV. 00: 05/09/05



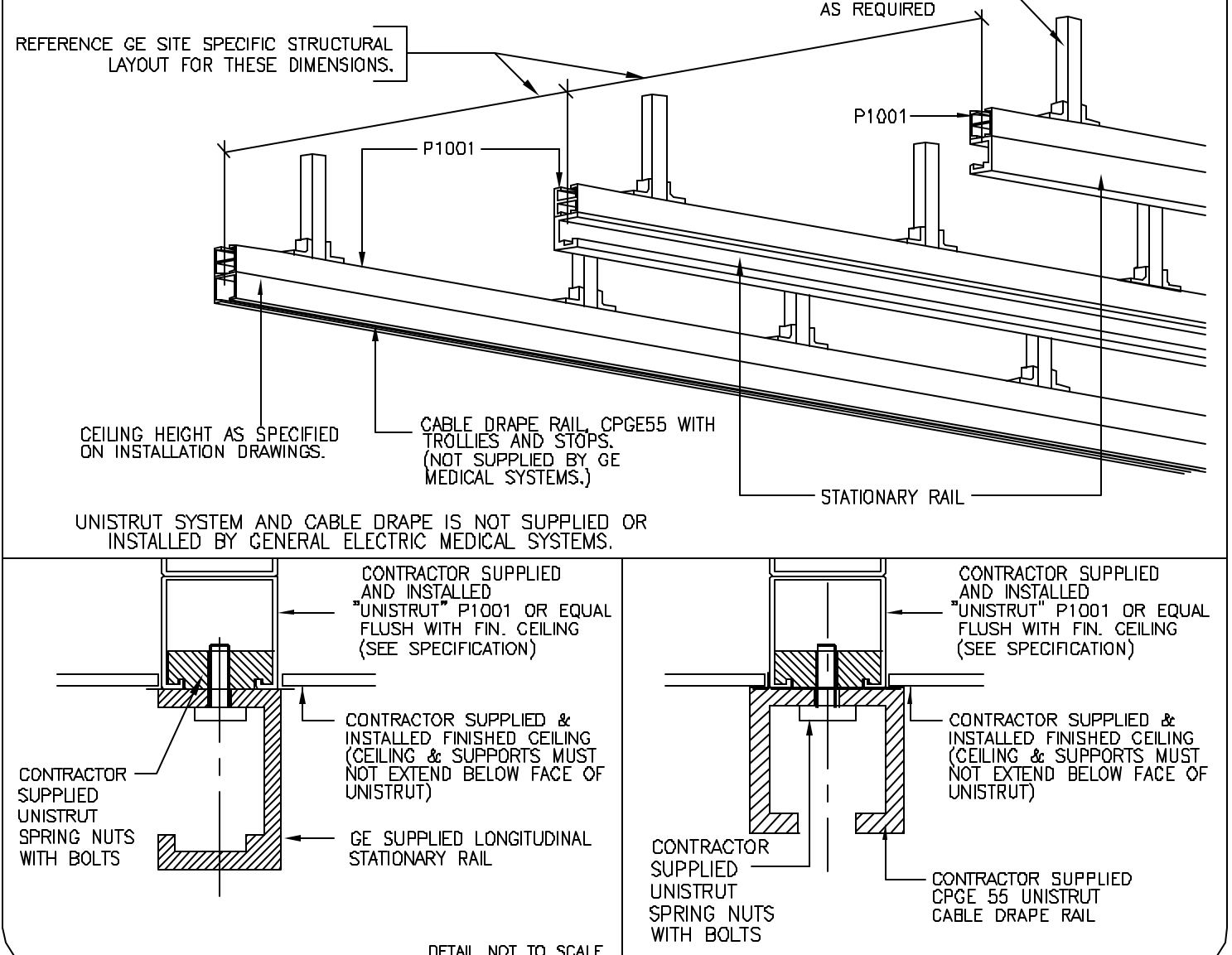
SUPPORT DETAIL  
LATERAL STATIONARY RAIL SUSPENSION

B20-04A  
REV. DATE: 10/18/07



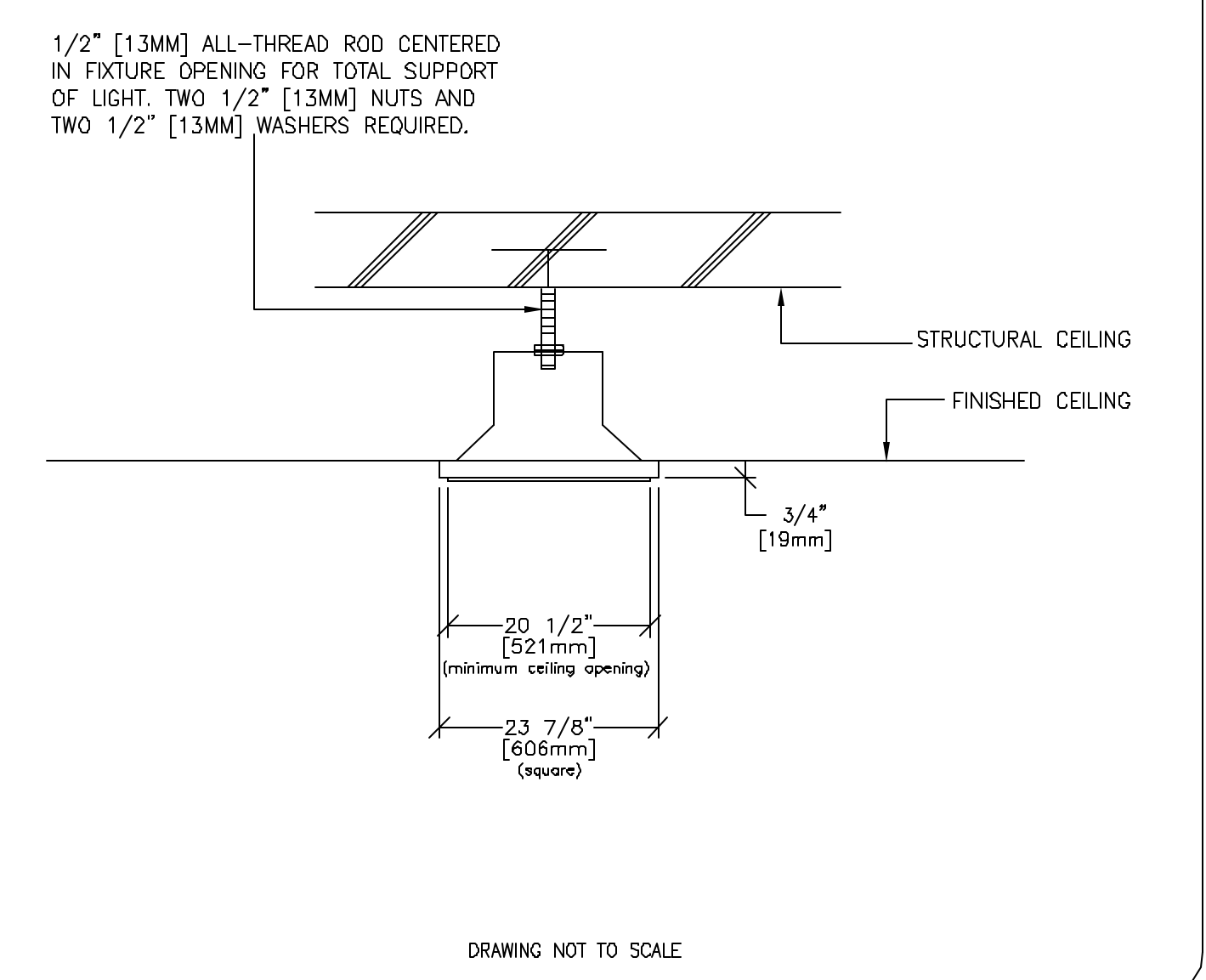
SUPPORT DETAIL  
XT RADIOGRAPHIC SUSPENSION, INBOARD MOUNTING

B20-042  
REV. DATE: 08/09/05



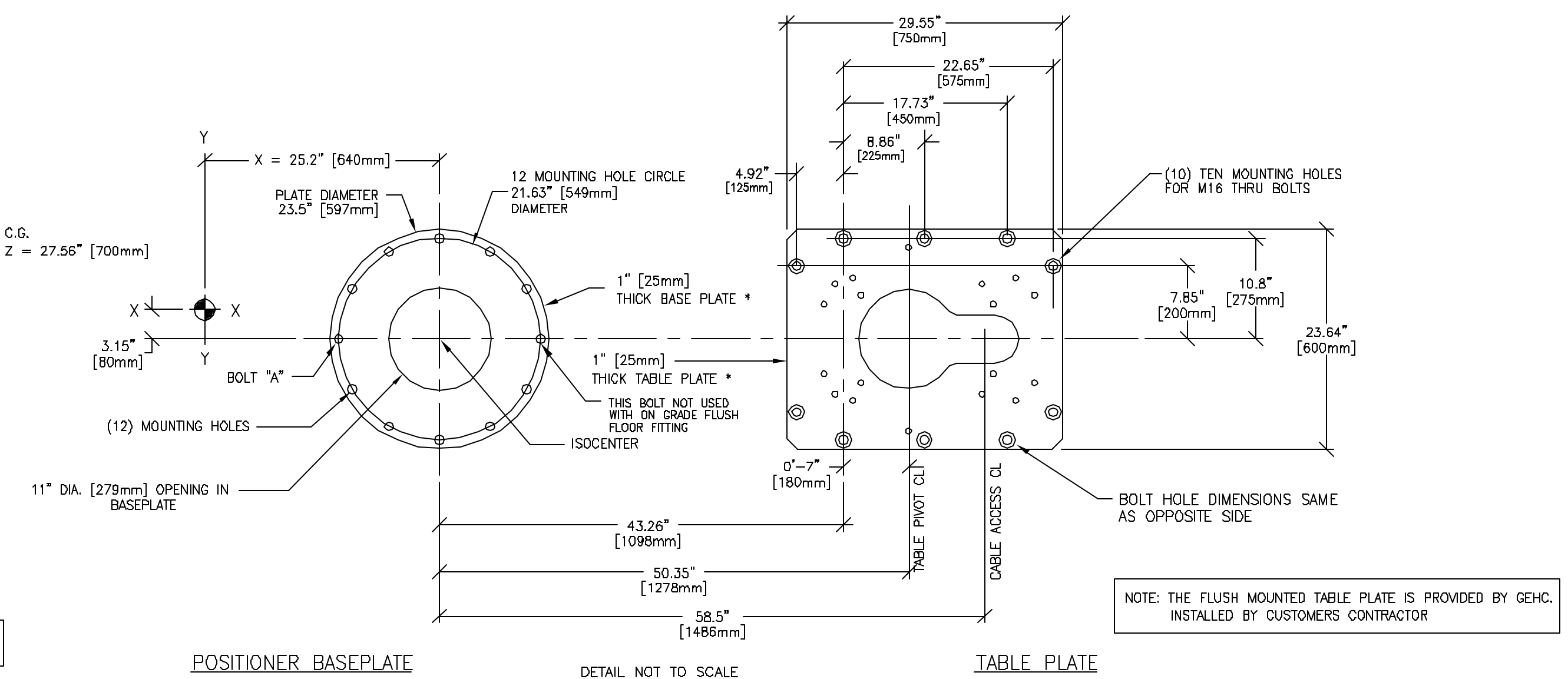
SUPPORT DETAIL  
SKYTRON LIGHTING UNIT  
CEILING SUPPORT

B2063A  
REV. DATE: 08/04/08



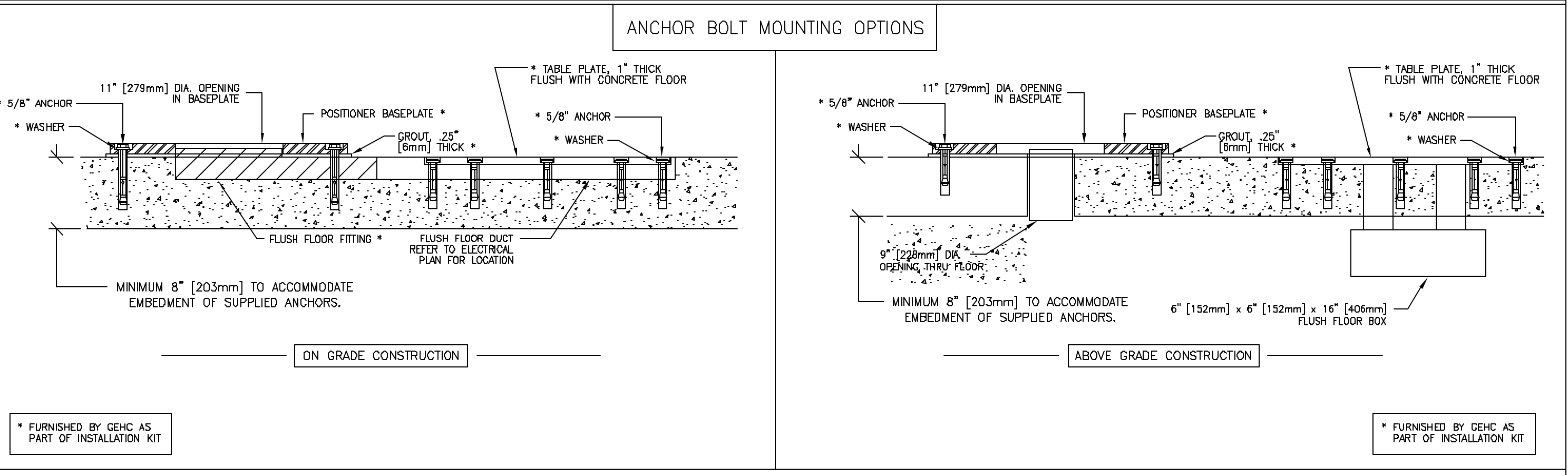
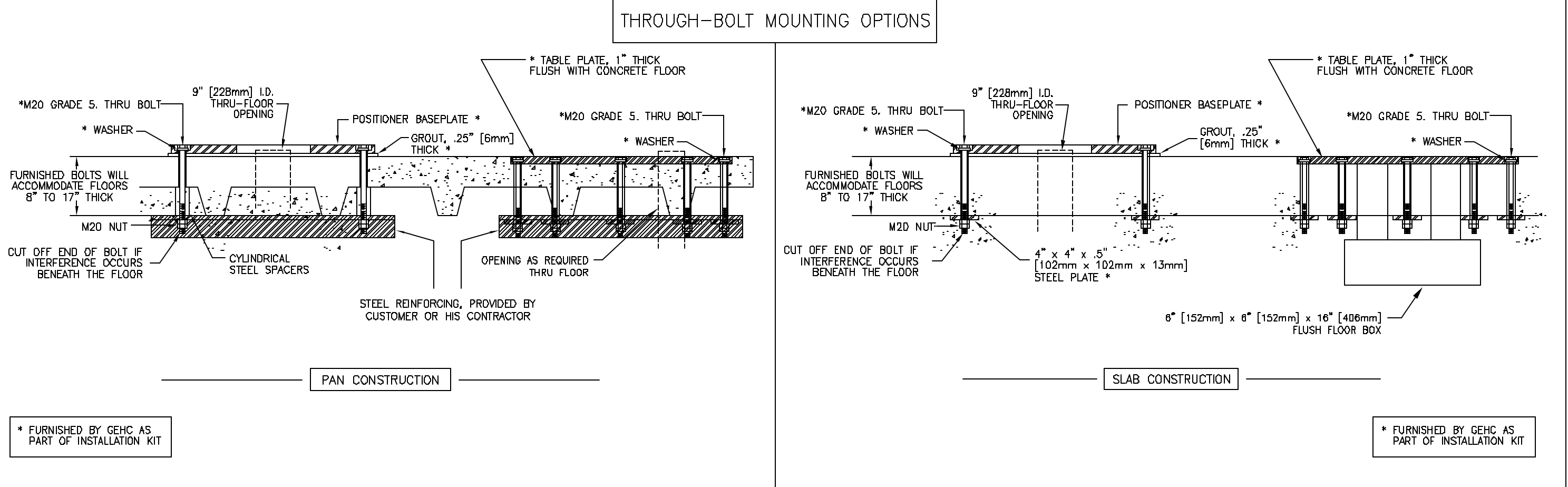
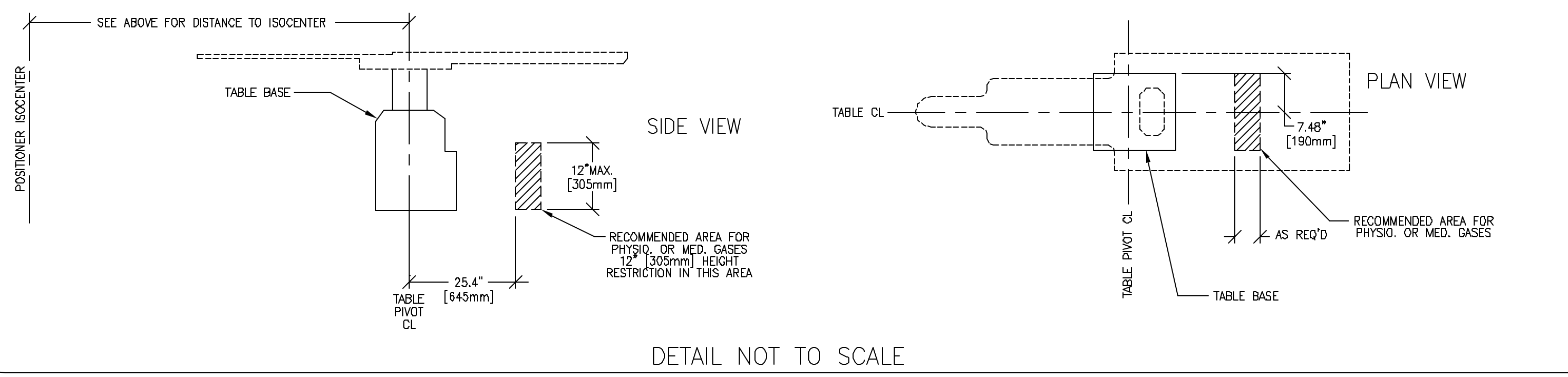
FLOOR MOUNTING : INNOVA 3100-4100/OMEGA V LONG TABLE INSTALLATION (TEMPLATE NO. 2360133)

B5049N  
REV. DATE: 10/18/07



WARNING!! THE RELATIONSHIP BETWEEN THE TABLE BASE AND THE POSITIONER BASEPLATE IS CRITICAL.  
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.

MEDICAL GAS FLOOR EXIT LOCATIONS



Customer/Contractor Alert: It is the responsibility of the Customer or their Contractor to drill all anchor/thru-bolting holes for anchoring the positioner and table to the floor. Refer to GEHC document no. \*2290880-2-100 for installation preparation and procedures.

NOTE: THRU BOLTING IS HIGHLY PREFERRED FOR THE INSTALLATION OF THE POSITIONER BASEPLATE AND OMEGA 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 HIS 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 SHOULD BE ORDERED. ANCHORS INCLUDED IN KIT SHOULD BE APPROVED BY CUSTOMERS STRUCTURAL ENGINEER.  
NOTE: BASEPLATES MUST BE LEVEL WITHIN 1/32" [0.79mm]

POSITIONER BOLT FORCES FOR WORST CASE CONDITIONS		OMEGA TABLE BOLT FORCES FOR WORST CASE CONDITIONS	
LOADS	BOLT TENSION (AT BOLT "A") MAXIMUM TENSION = 881 lbs. [400 Kg]	LOADS	BOLT TENSION MAXIMUM TENSION = 1938 lbs. [880 Kg]/BOLT
HORIZONTAL ACCELERATION = 625 lbs. [284 Kg]	BOLT SHEAR (U-ARM LOCKED) MAXIMUM SHEAR = 120 lbs. [54 Kg]/BOLT	BOLT SHEAR MAXIMUM SHEAR = 407 lbs. [185 Kg]/BOLT	
VERTICAL ACCELERATION = 209 lbs. [95 Kg]			

GE Healthcare  
Installation Services - Design Center  
Waukesha, Wisconsin

SHEET TITLE: STRUCTURAL DETAILS  
MODALITY TYPE: INNOVA 2121/3131 BIPLANE  
THIS PLAN IS SUBMITTED TO SUGGEST LOCATION OF GE HEALTHCARE EQUIPMENT. GE HEALTHCARE ACCEPTS NO LIABILITY FOR ANY DAMAGES RESULTING FROM THE USE OF THIS PLAN. IN PREPARING THIS PLAN, EVERY EFFORT HAS BEEN MADE TO CONFORM TO THE ACTUAL EQUIPMENT EXPECTED TO BE INSTALLED. GE HEALTHCARE ACCEPTS NO LIABILITY FOR ANY DAMAGES RESULTING FROM THE USE OF THIS PLAN.

PROJECT TITLE:  
ELECTROPHYSIOLOGY  
(EP) LAB  
TYPICAL LAYOUT

PROJECT	REVISION
5-88	00
DATE:	02-24-09
DRAWN BY:	LLM
CHECKED BY:	TST

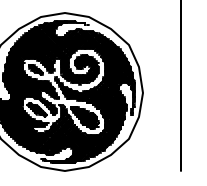
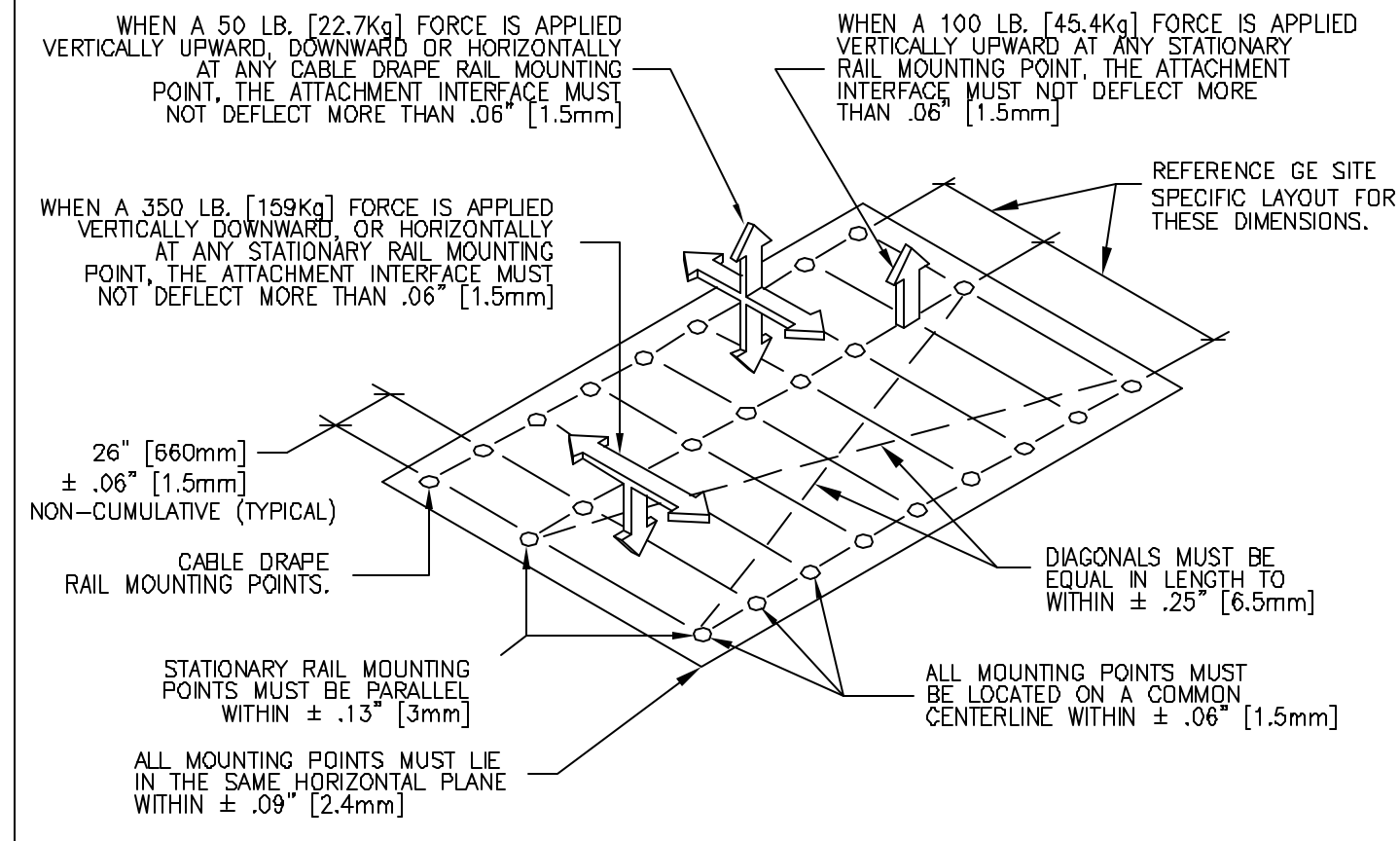
REVISION HISTORY:


# SUPPORT DETAIL

XT RADIOGRAPHIC SUSPENSION, INBOARD MOUNTING

B20-041

REV. DATE: 09/18/07



GE Healthcare

Installation Services - Design Center  
Waukesha, Wisconsin

SHEET TITLE: INNOVA 2121/3131 BIPLANE

THIS PLAN IS SUBMITTED IN SUPPORT OF THE LOCATION OF GE HEALTHCARE EQUIPMENT AND ASSUMES THAT ALL DIMENSIONS AND CONDITIONS SHOWN HAVE BEEN MADE TO CONFORM WITH THE INSTRUCTIONS AND SPECIFICATIONS OF THE MANUFACTURER. GE HEALTHCARE EQUIPMENT IS NOT TO BE USED FOR ANY PURPOSES OTHER THAN THAT FOR WHICH IT IS DESIGNED. GE HEALTHCARE ACCEPTS NO RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE: ELECTROPHYSIOLOGY (EP) LAB TYPICAL LAYOUT

PROJECT	REVISION
5-88	00
DATE:	02-24-09
DRAWN BY:	LLM
CHECKED BY:	TST

REVISION HISTORY:

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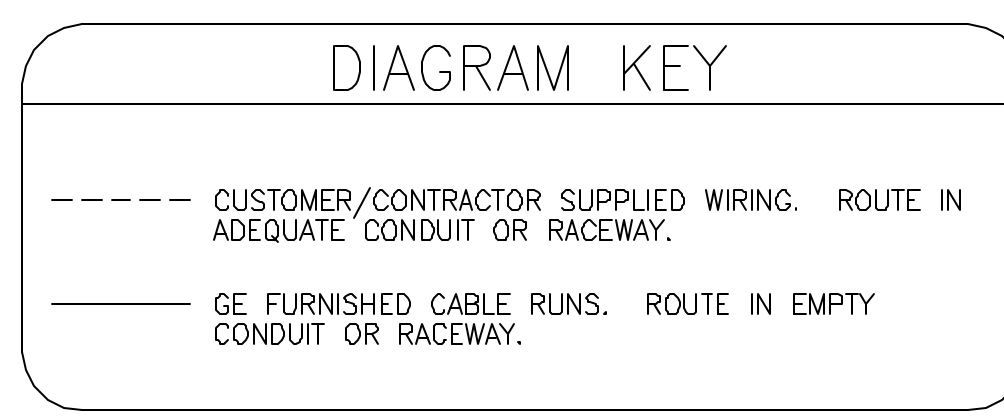
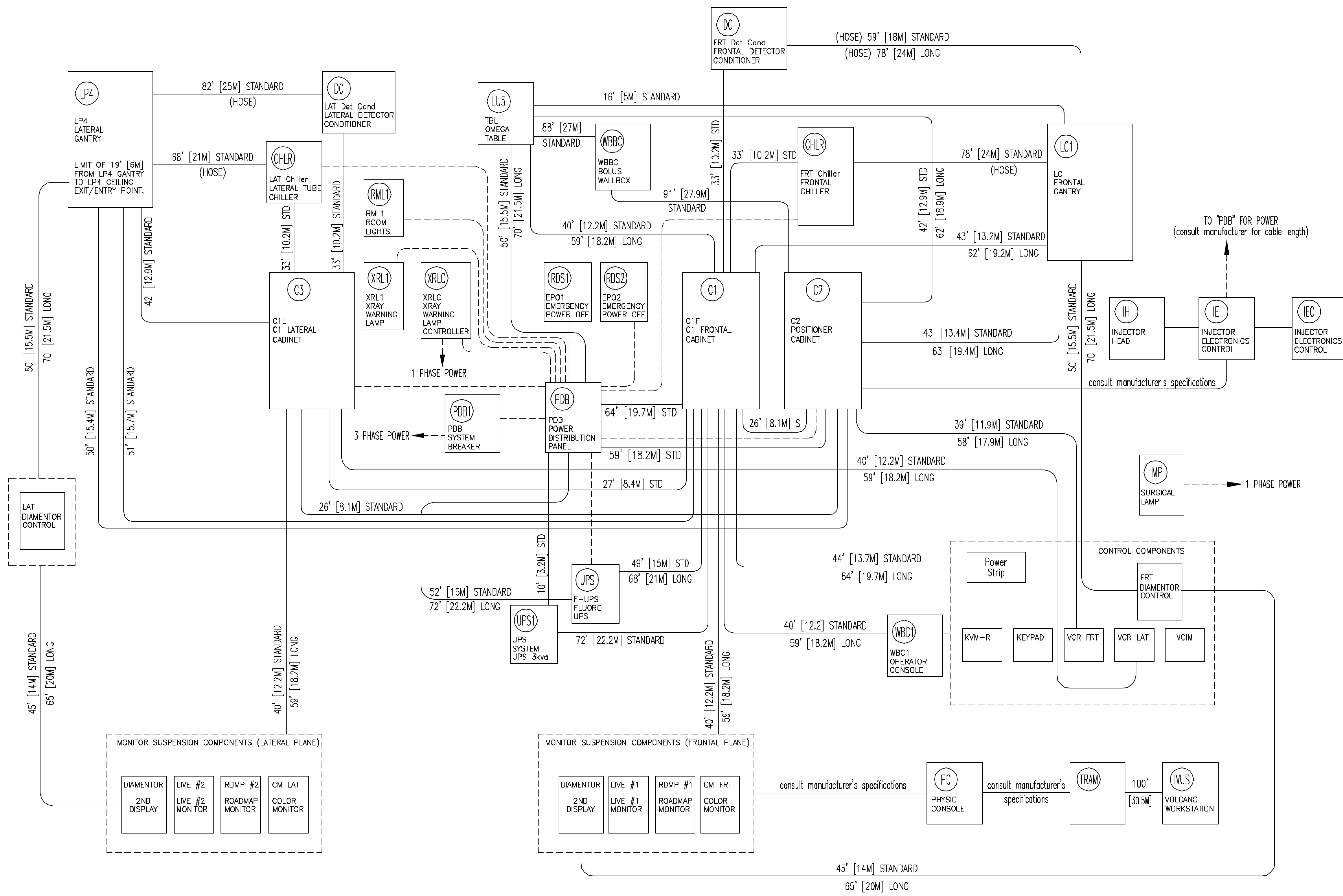
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SHEET  
S3



INTERCONNECT DIAGRAM

UPDATED: 11/08/07



POWER SPECIFICATIONS

INNOVA BIPLANE SYSTEMS  
REV. DATE: 10/22/07

VOLTAGE: PRIMARY SOURCE IS REQUIRED FOR ALL INSTALLATIONS.  
RANGE OF LINE VOLTAGES:  
NOMINAL LINE VOLTAGE OF 360 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.

TABLE A ALLOWABLE INPUT VOLTAGES/CURRENT DEMAND

NOMINAL VOLTAGE	NORMAL RANGE ±10 PERCENT	CURRENT (AMPS)	
		MAX. MOMENTARY	CONTINUOUS
360	324-396	289	32
380	342-418	274	31
400	360-440	260	29
420	378-462	248	28
440	396-484	236	26
460	414-506	226	25
480	432-528	217	24

NOTE: 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.

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

TABLE B MAXIMUM MOMENTARY POWER DEMAND.

DEMAND	INNOVA JEDI
kVa + POWER FACTOR AT	180 0.9
mA	1250
kVp	80

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

DISTRIBUTION TRANSFORMER: 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 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.

SHEET TITLE: ELECTRICAL SPECIFICATIONS  
MODALITY TYPE: INNOVA 2121/3131 BIPLANE

THIS PLAN IS SUBMITTED IN SUGGESTED LOCATION OF GE HEALTHCARE EQUIPMENT AND ASSUMES THAT THE INSTALLATION OF THIS EQUIPMENT WILL BE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS. IN PREPARING THIS PLAN, EVERY EFFORT HAS BEEN MADE TO CONFORM TO THE DETAILS OF THE EQUIPMENT. THE USER OF THIS PLAN IS NOT TO BE USED FOR ANY OTHER PURPOSES. GE HEALTHCARE ACCEPTS NO RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

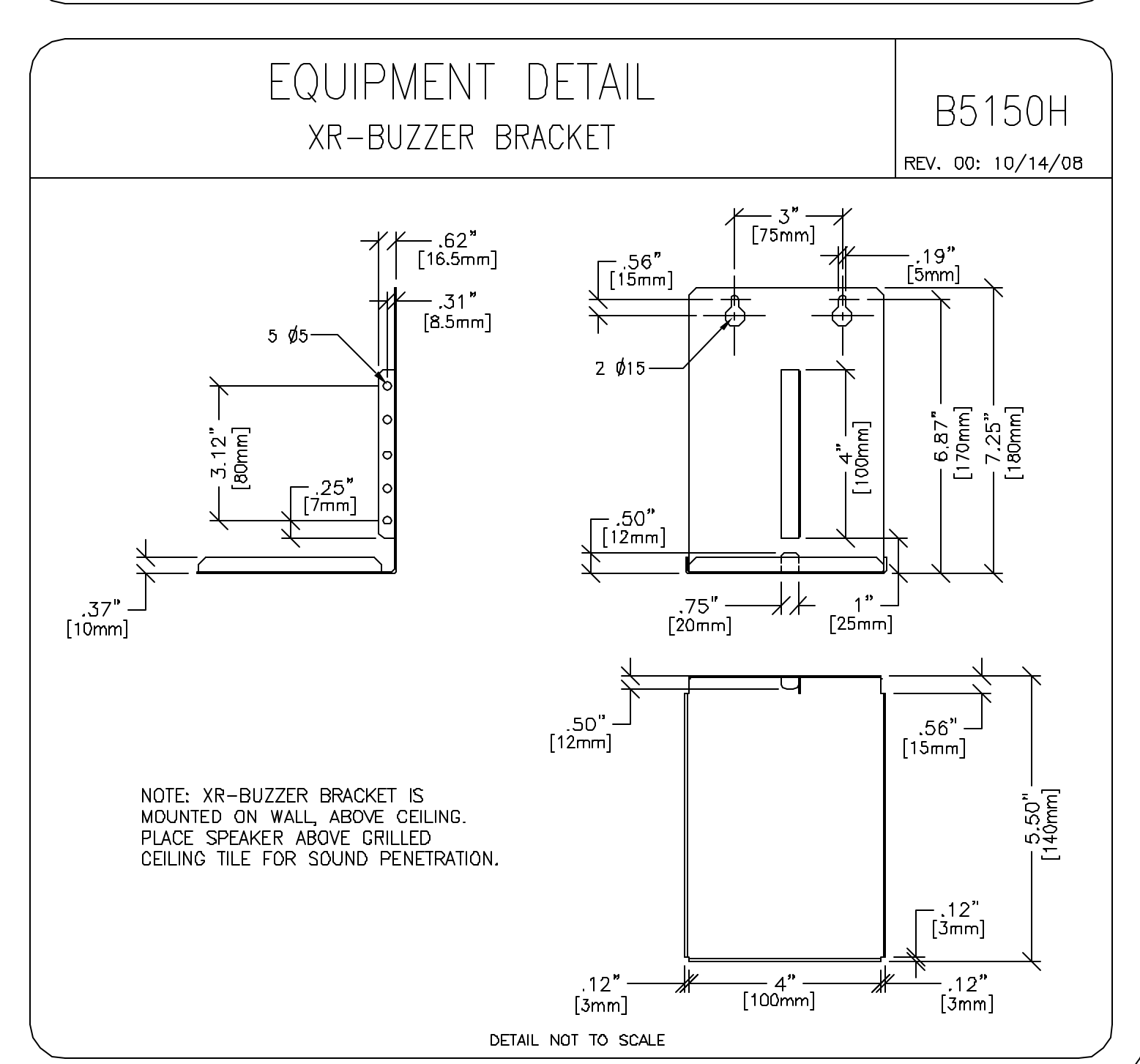
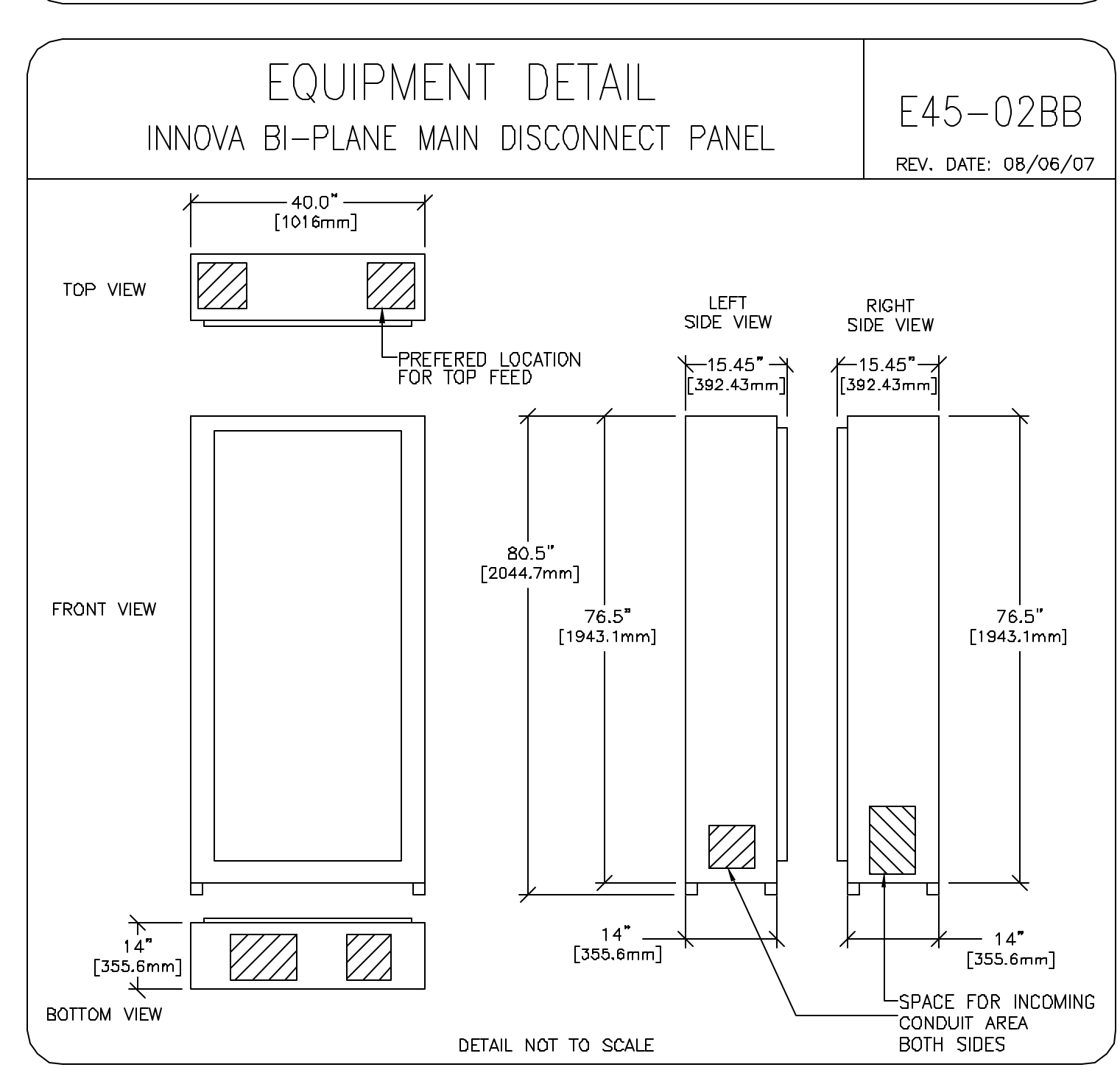
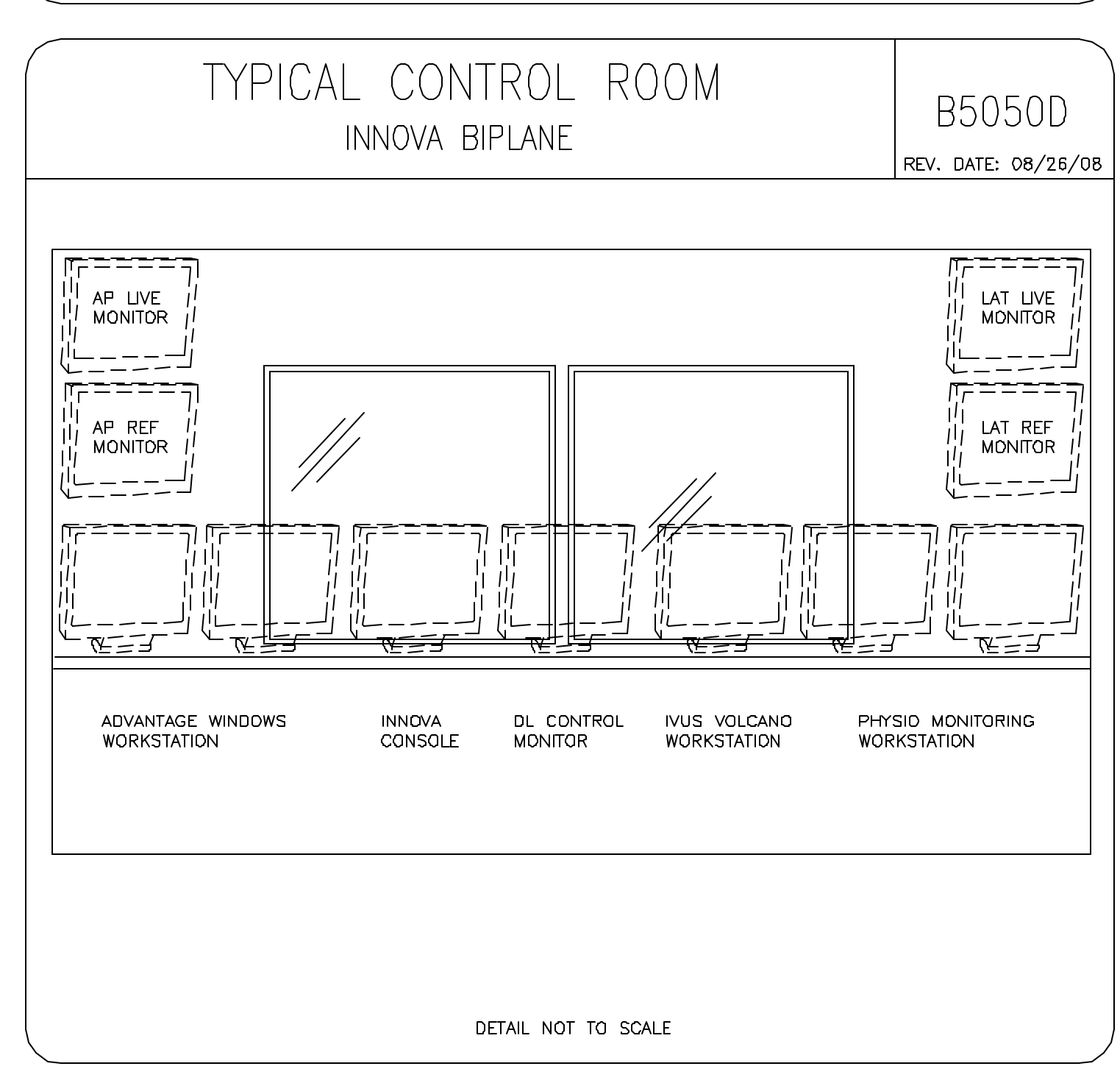
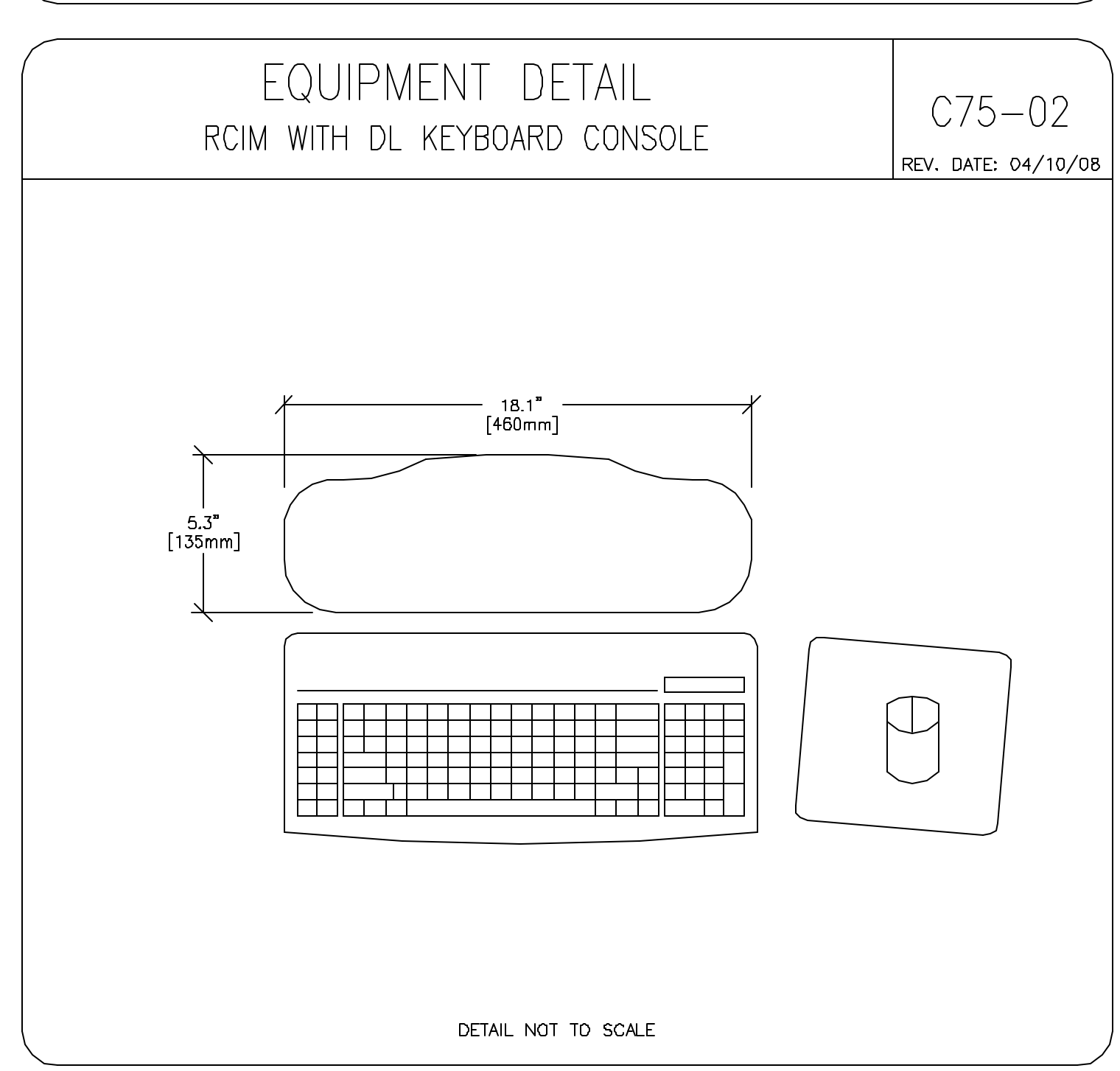
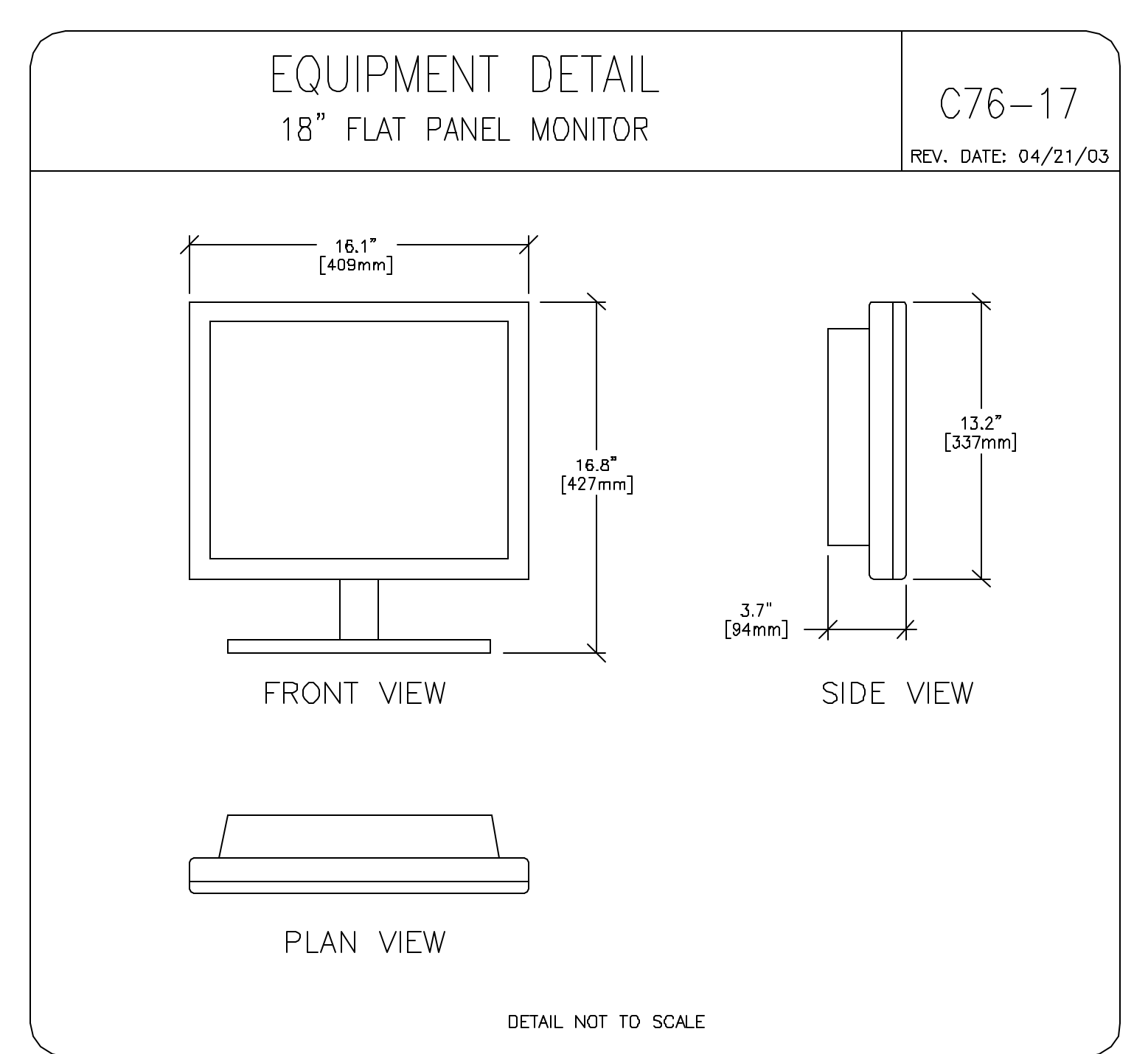
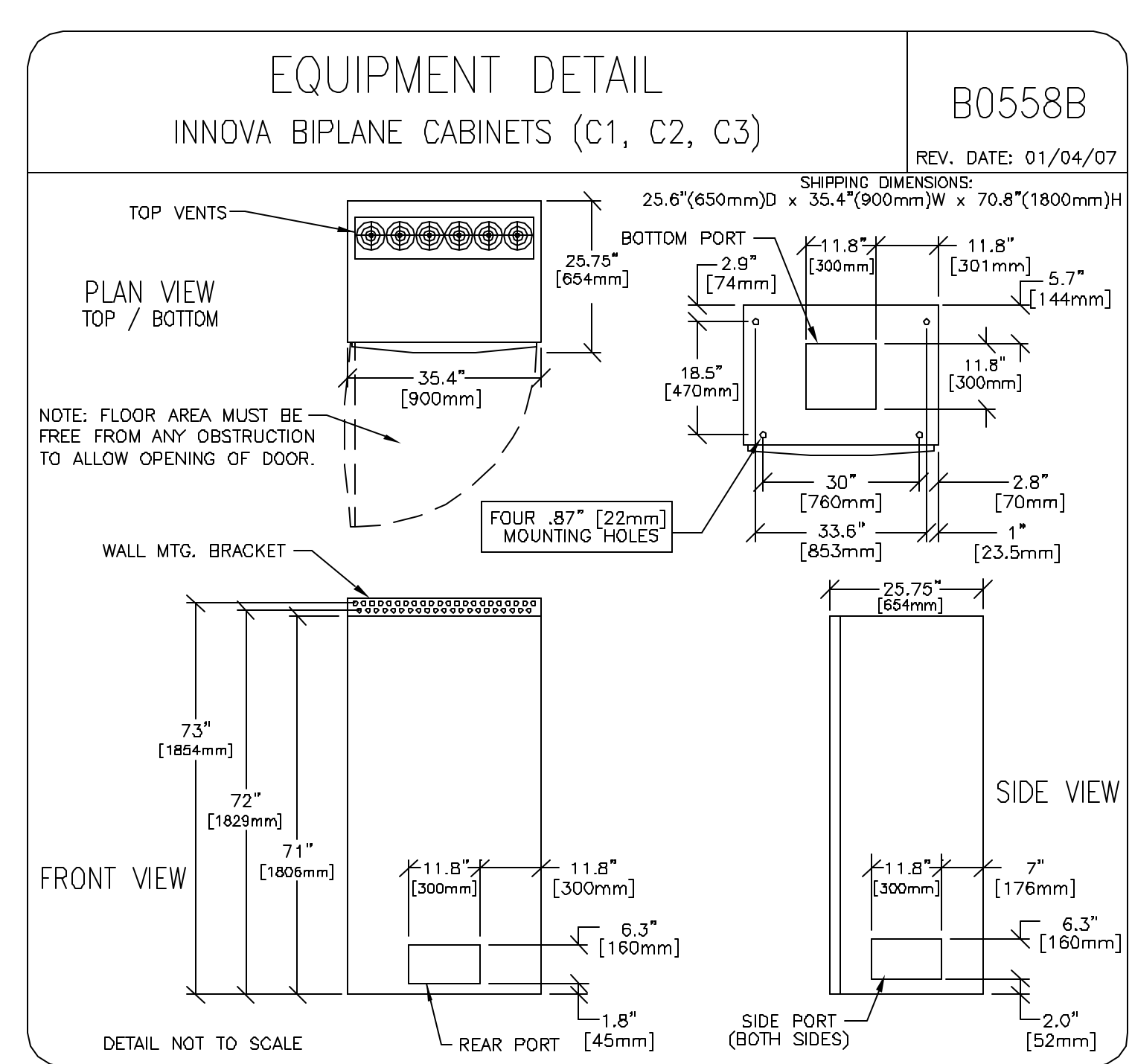
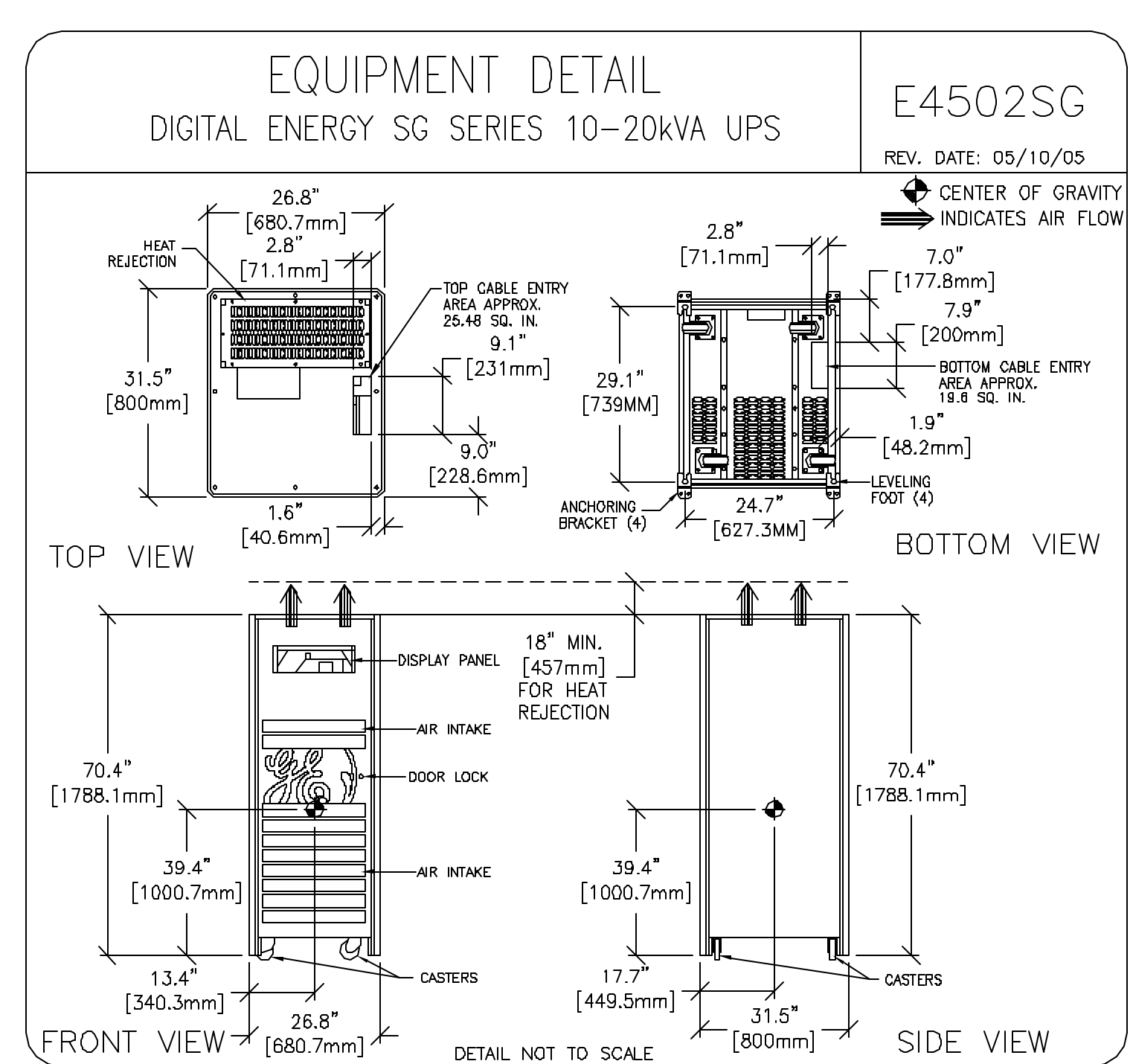
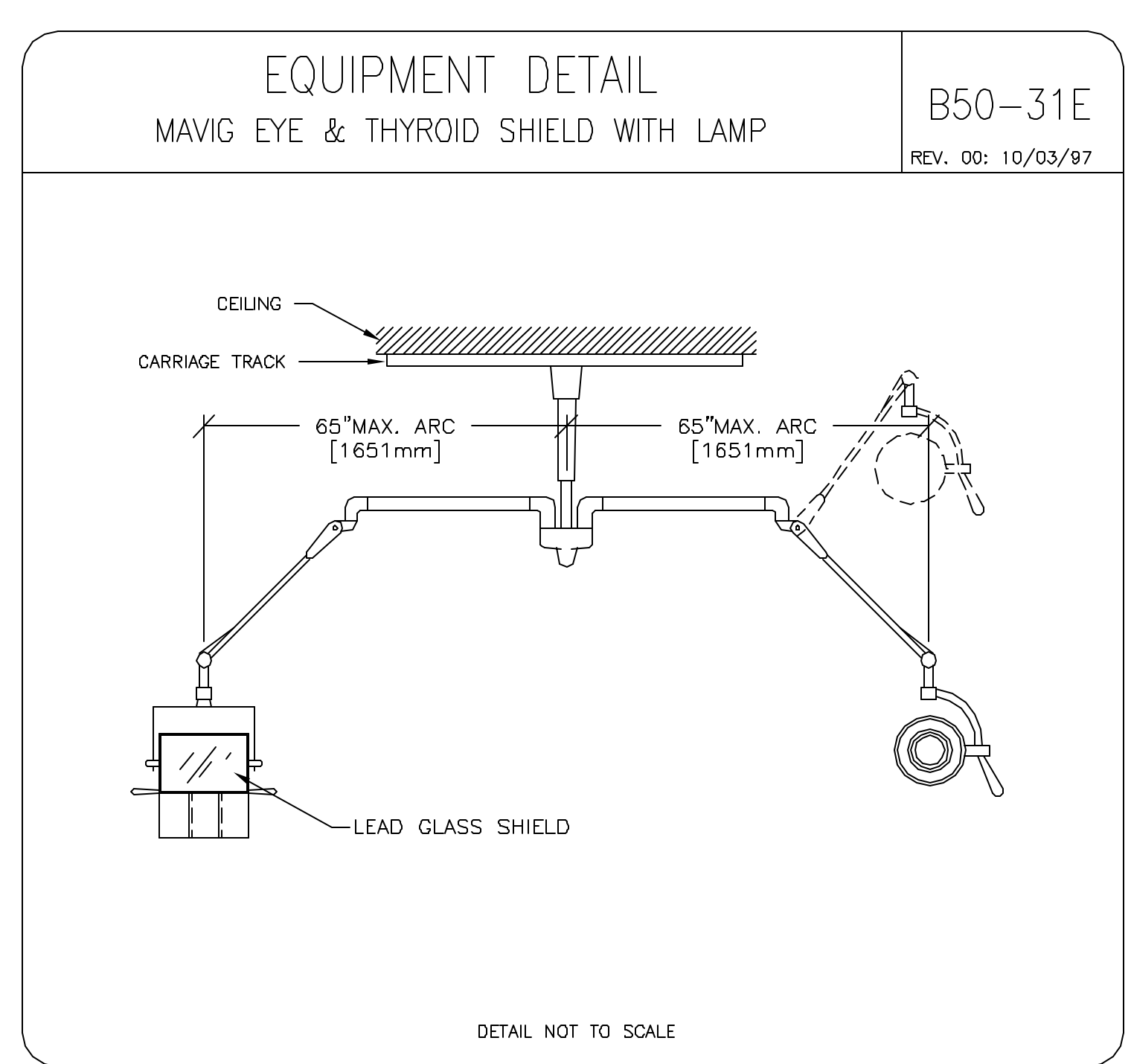
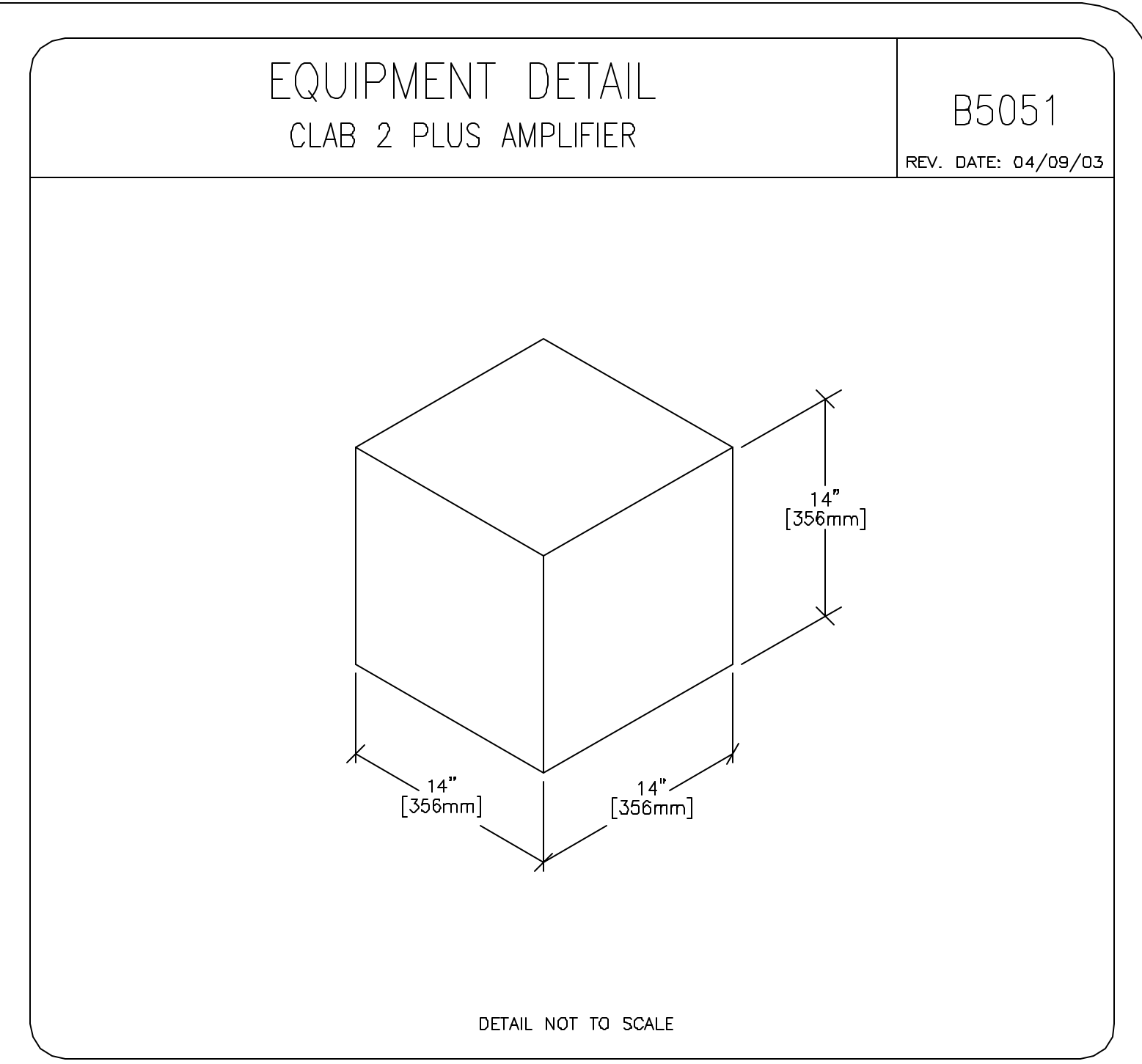
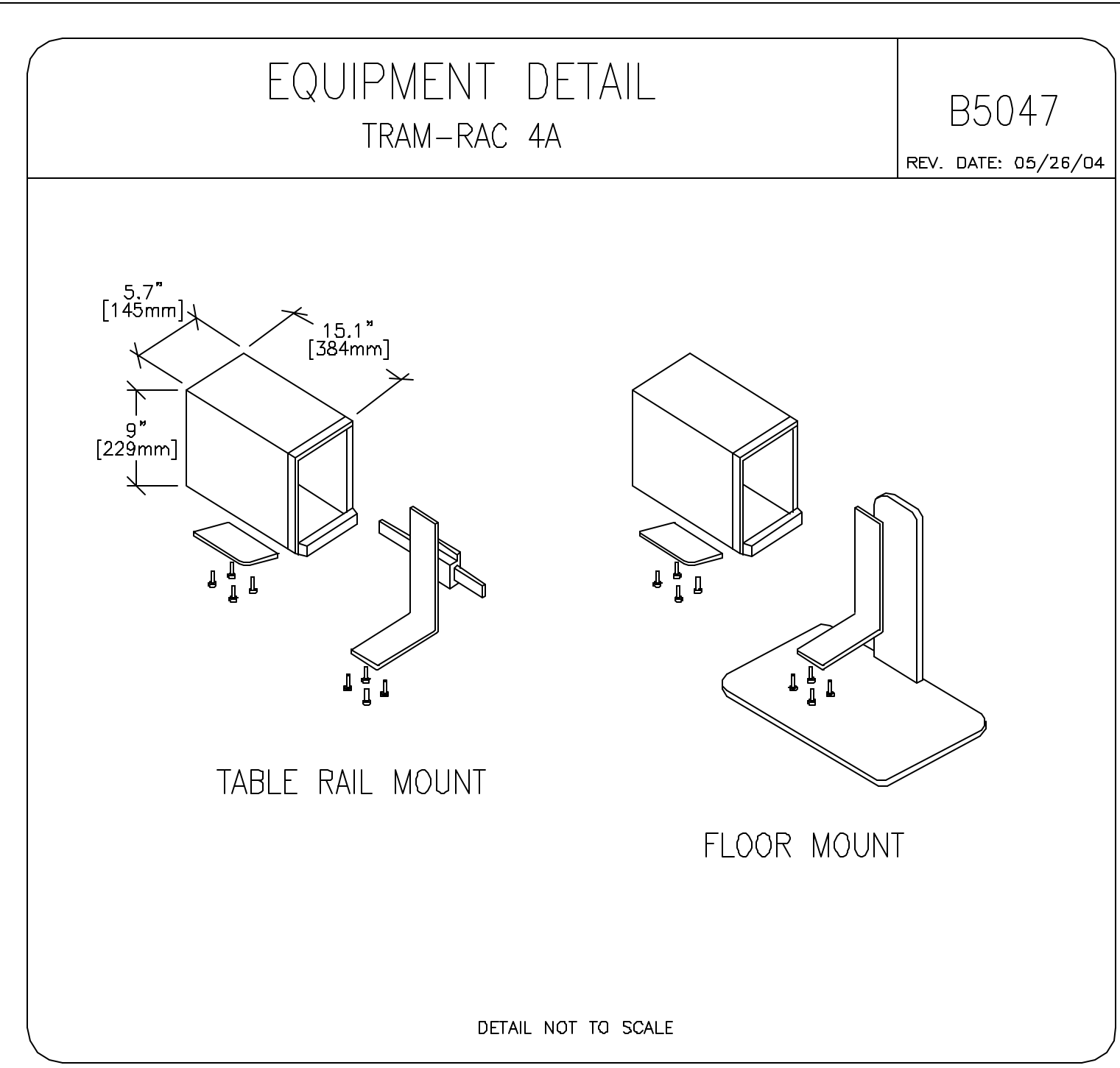
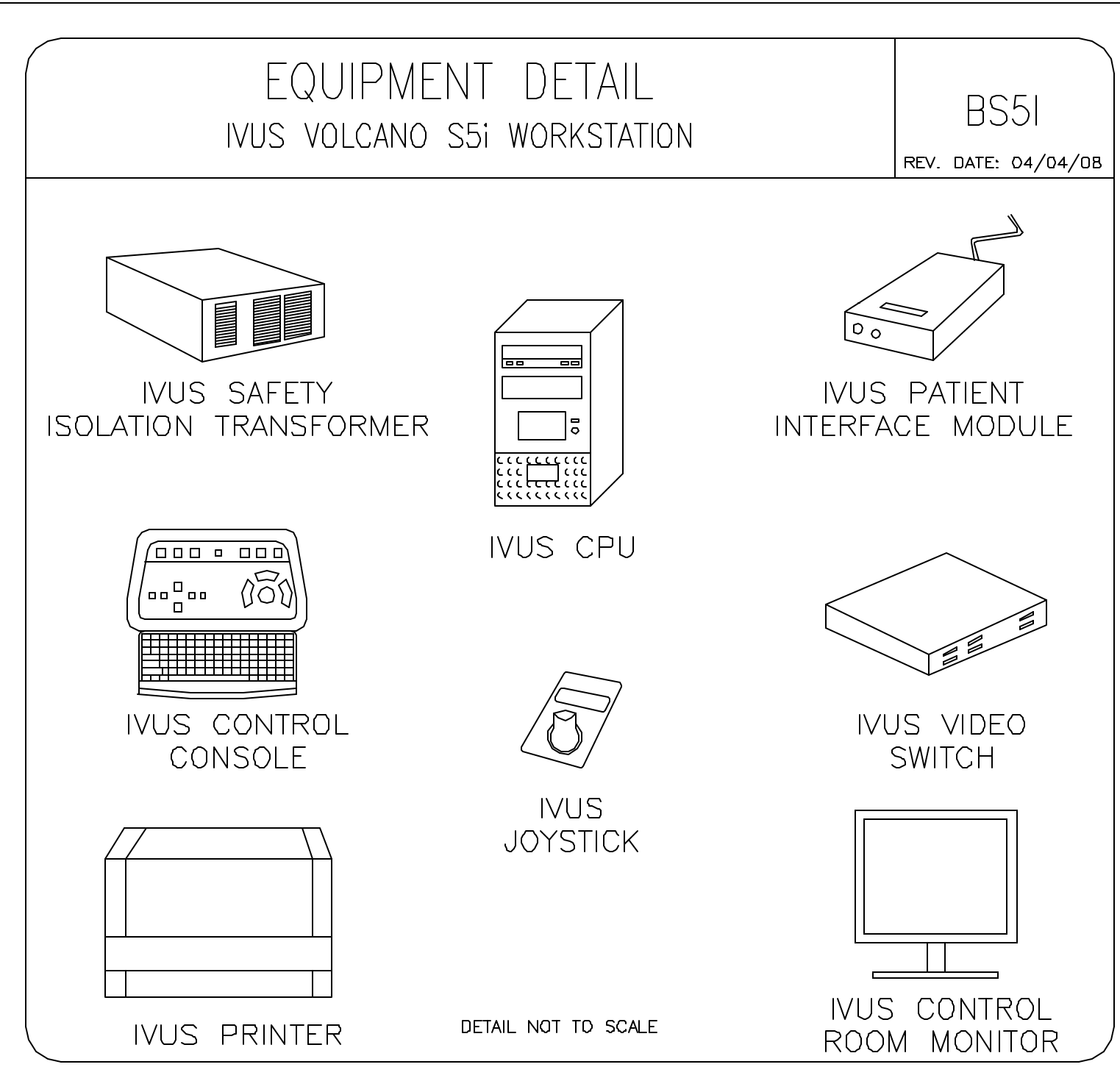
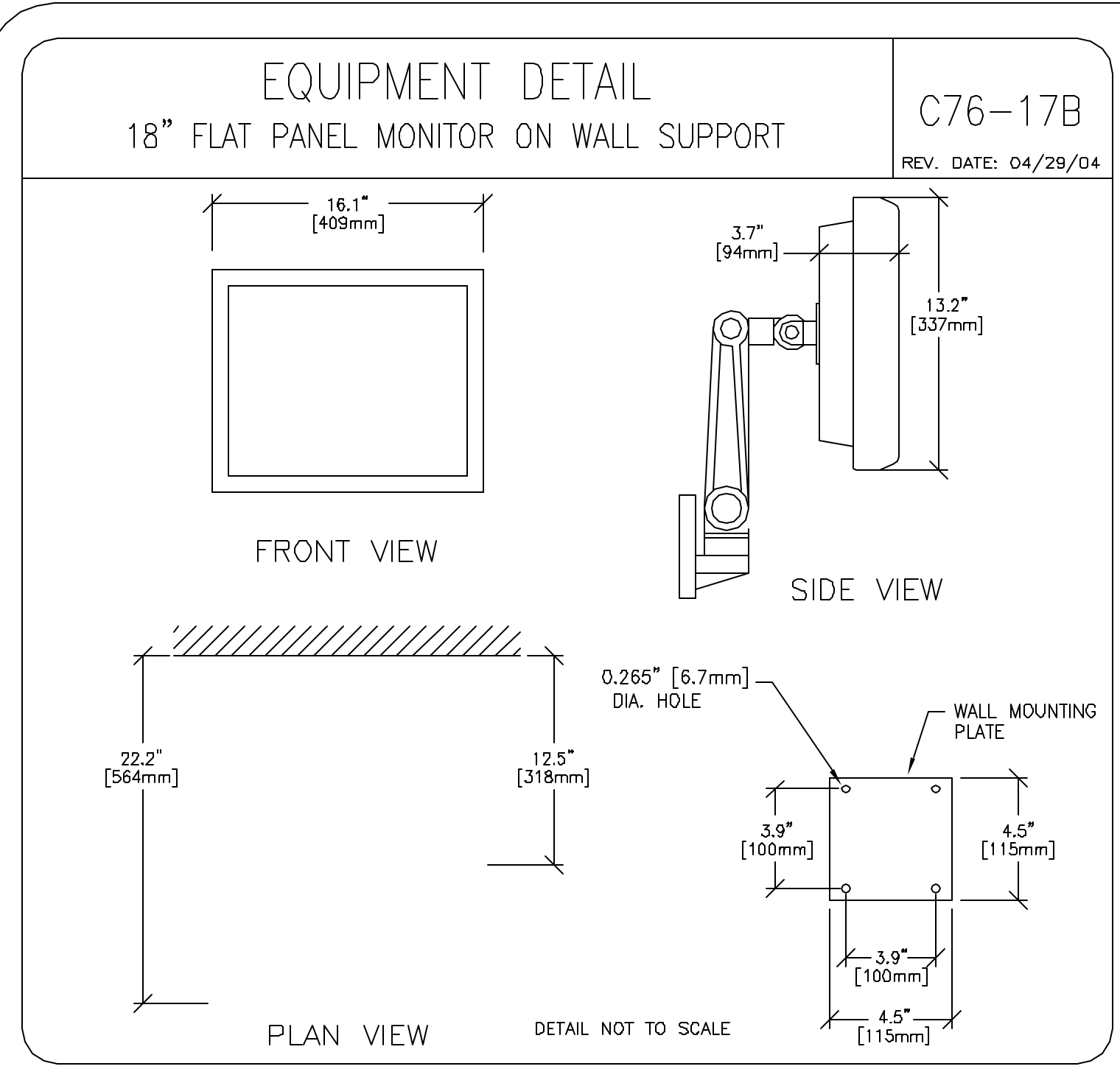
PROJECT TITLE:  
**ELECTROPHYSIOLOGY (EP) LAB TYPICAL LAYOUT**

PROJECT	REVISION
5-88	00
DATE:	02-24-09
DRAWN BY:	LLM
CHECKED BY:	TST

REVISION HISTORY:


SHEET  
**E2**

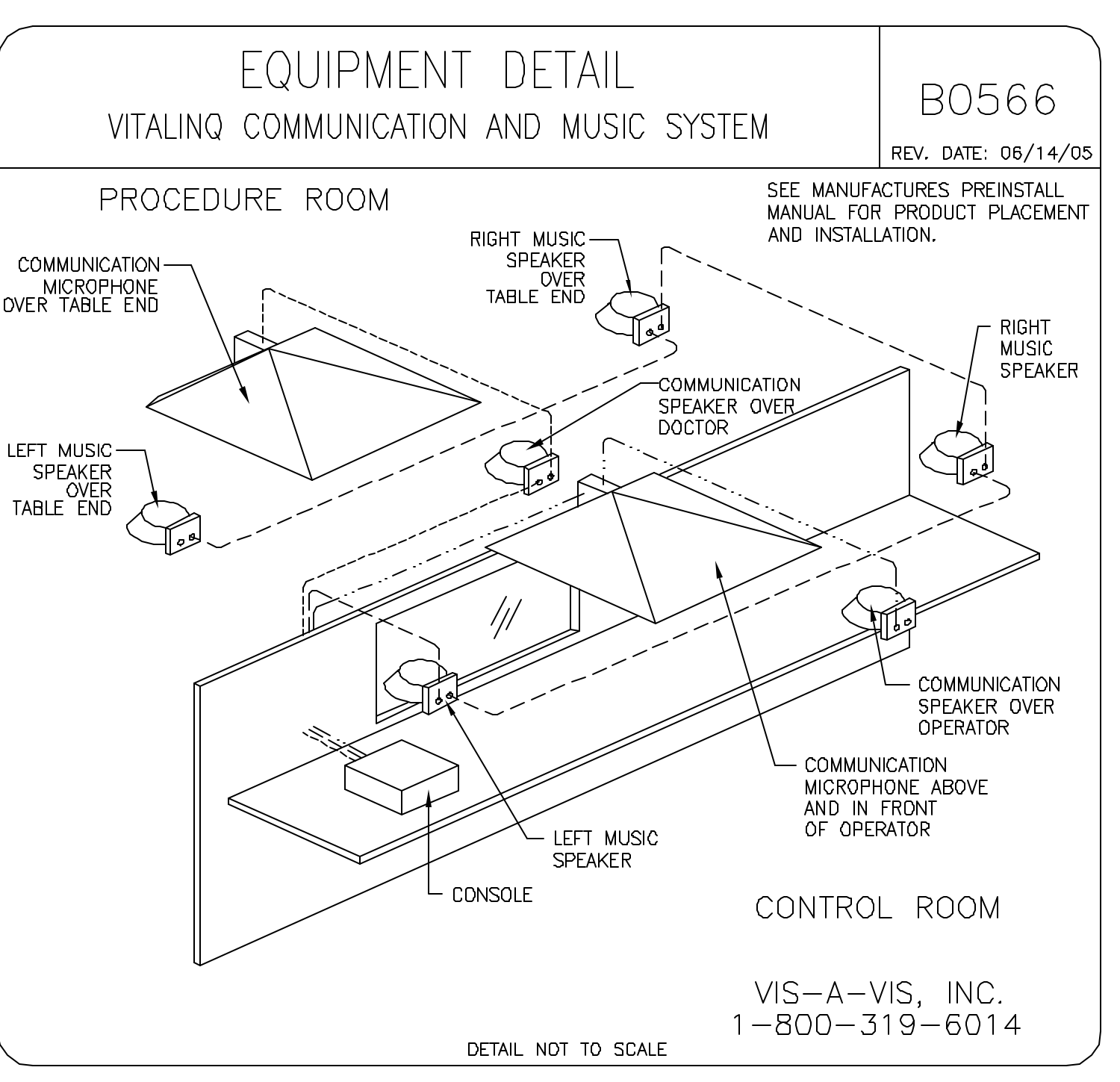
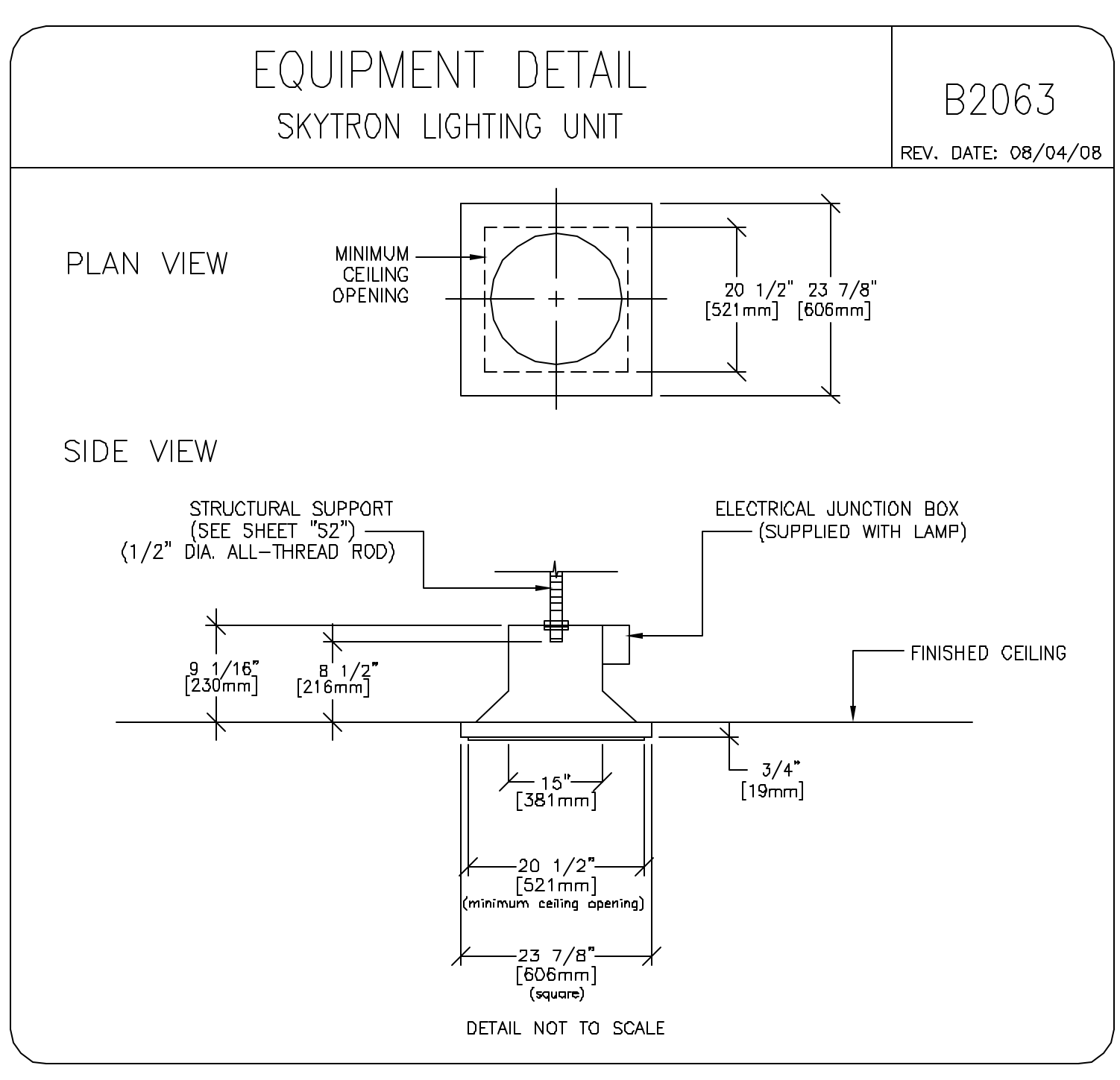
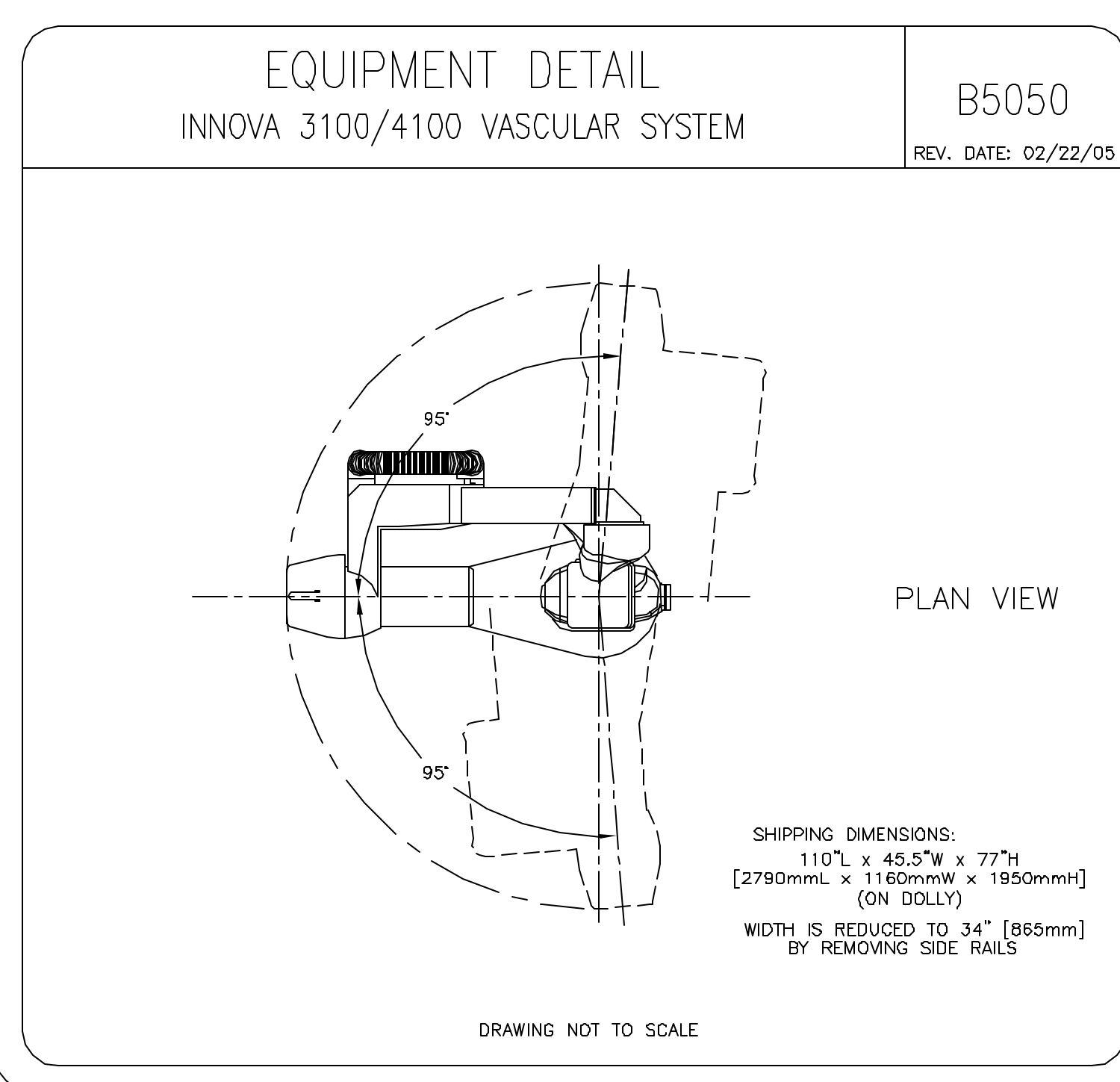
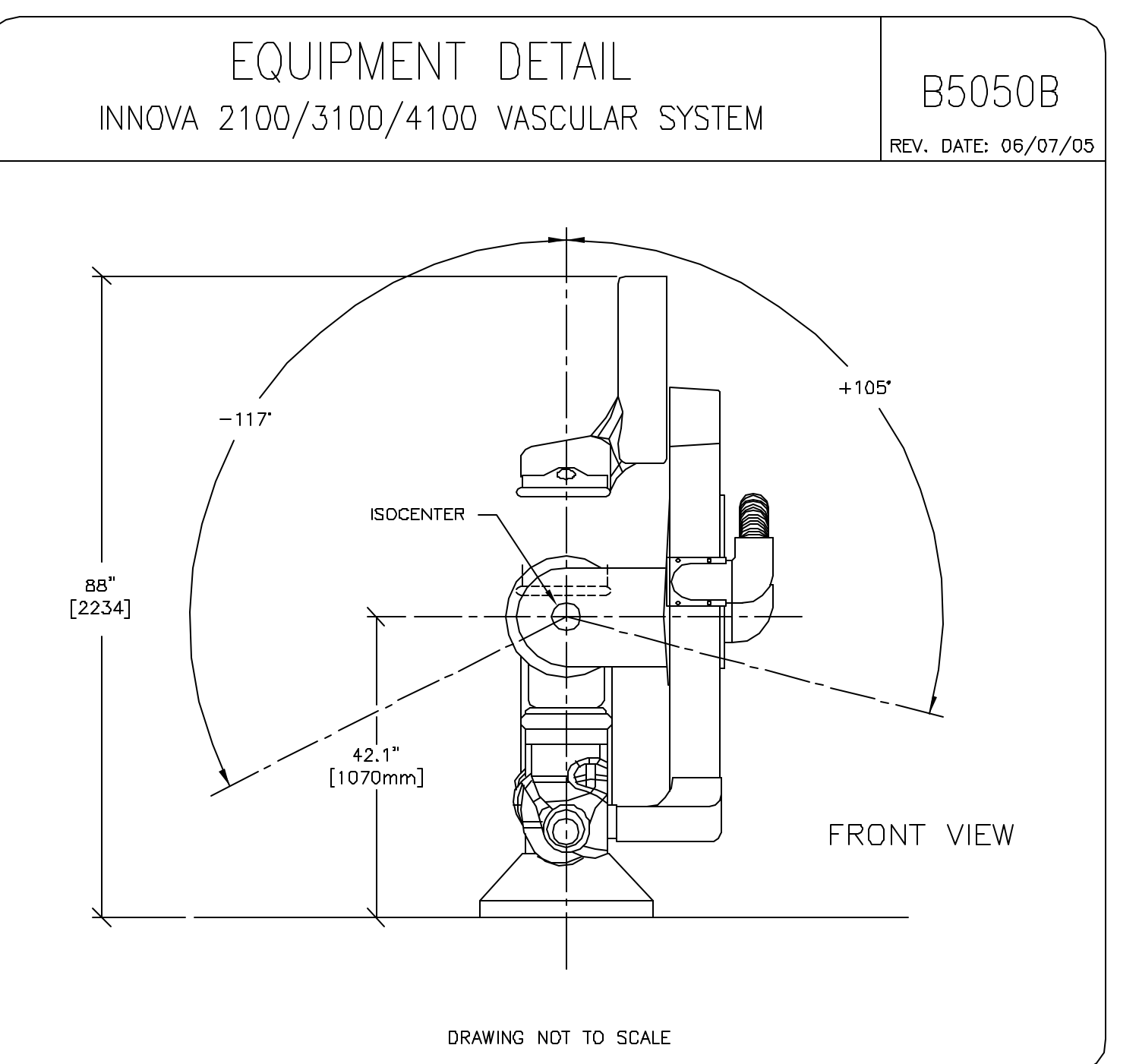
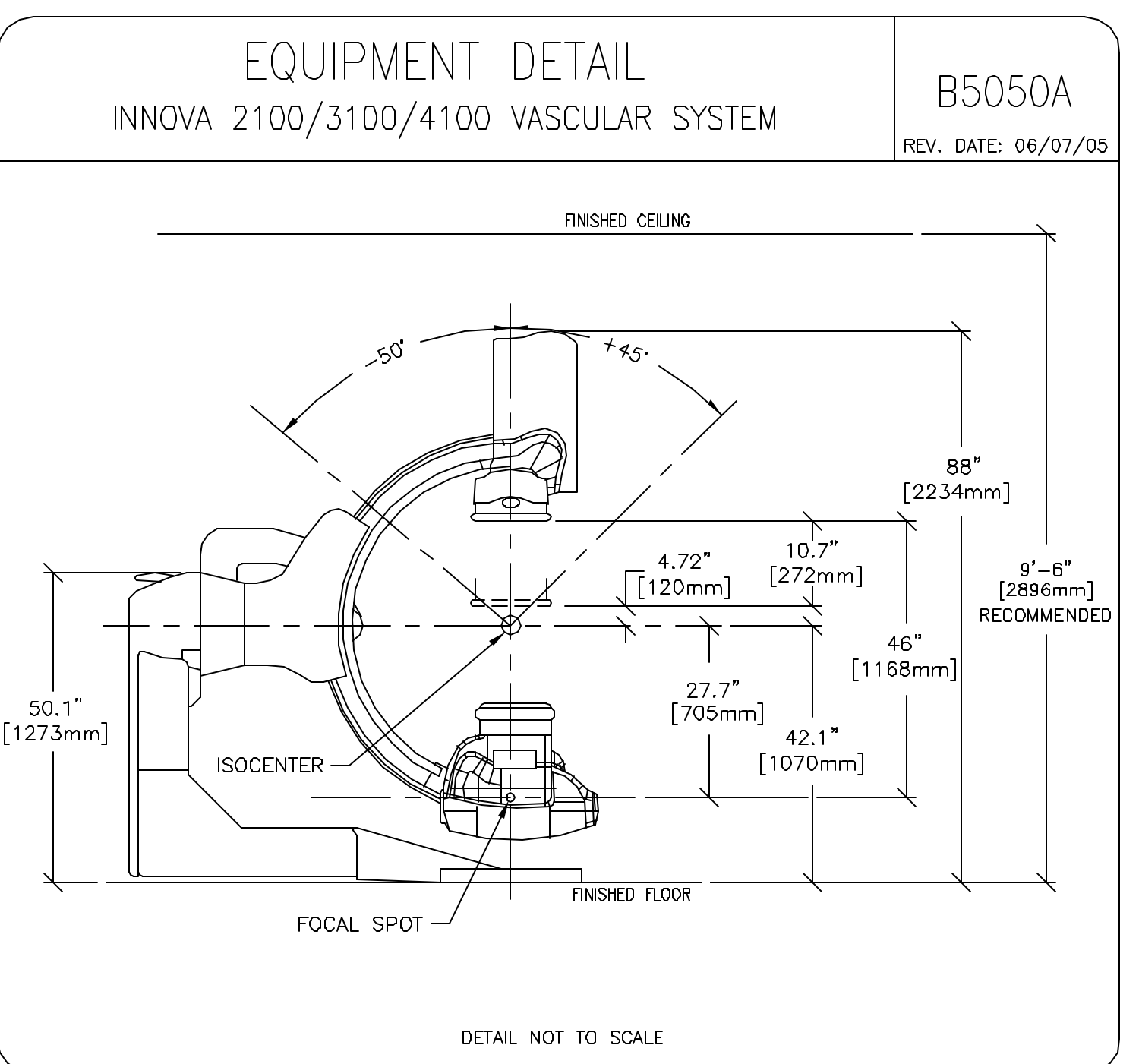
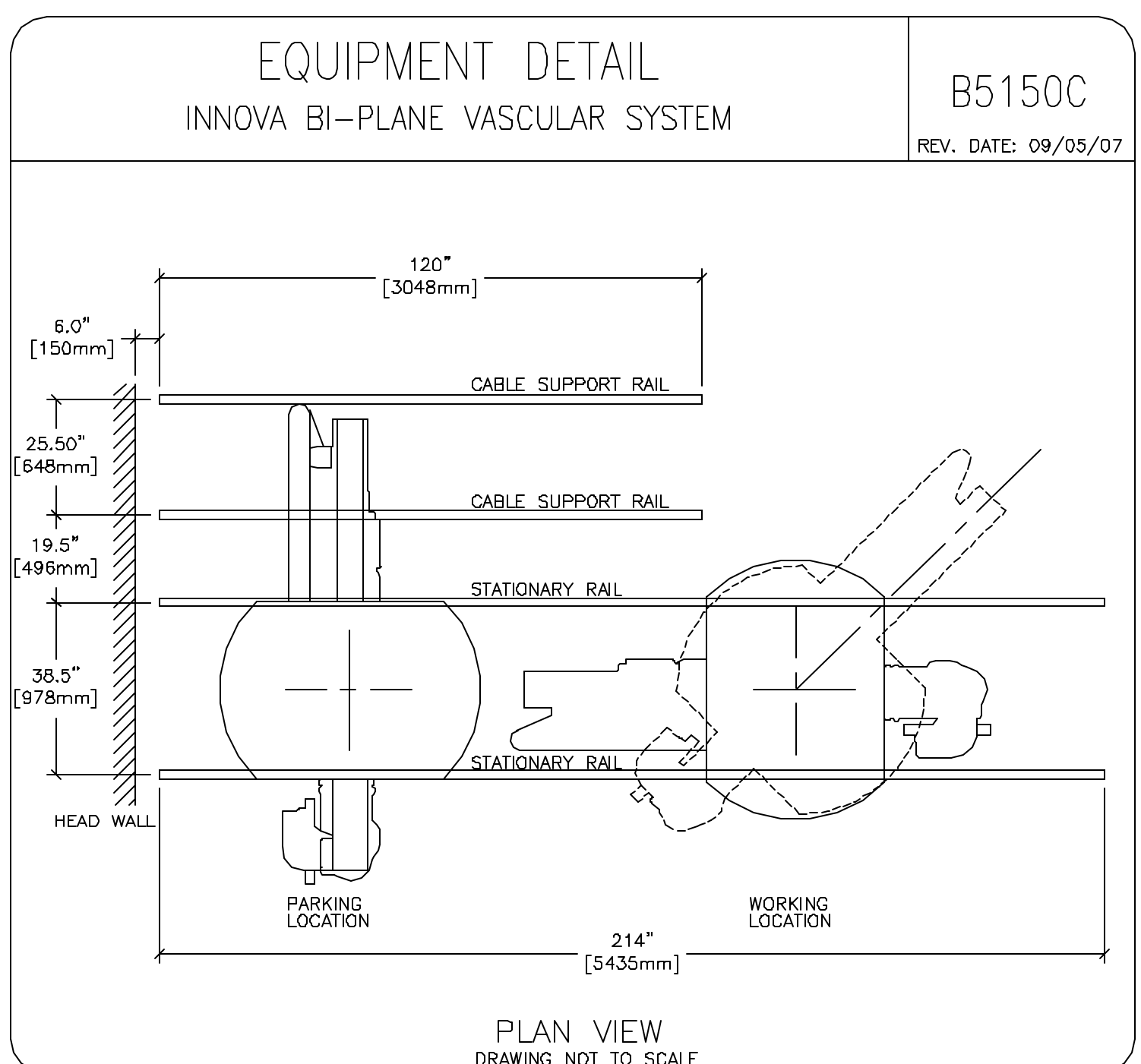
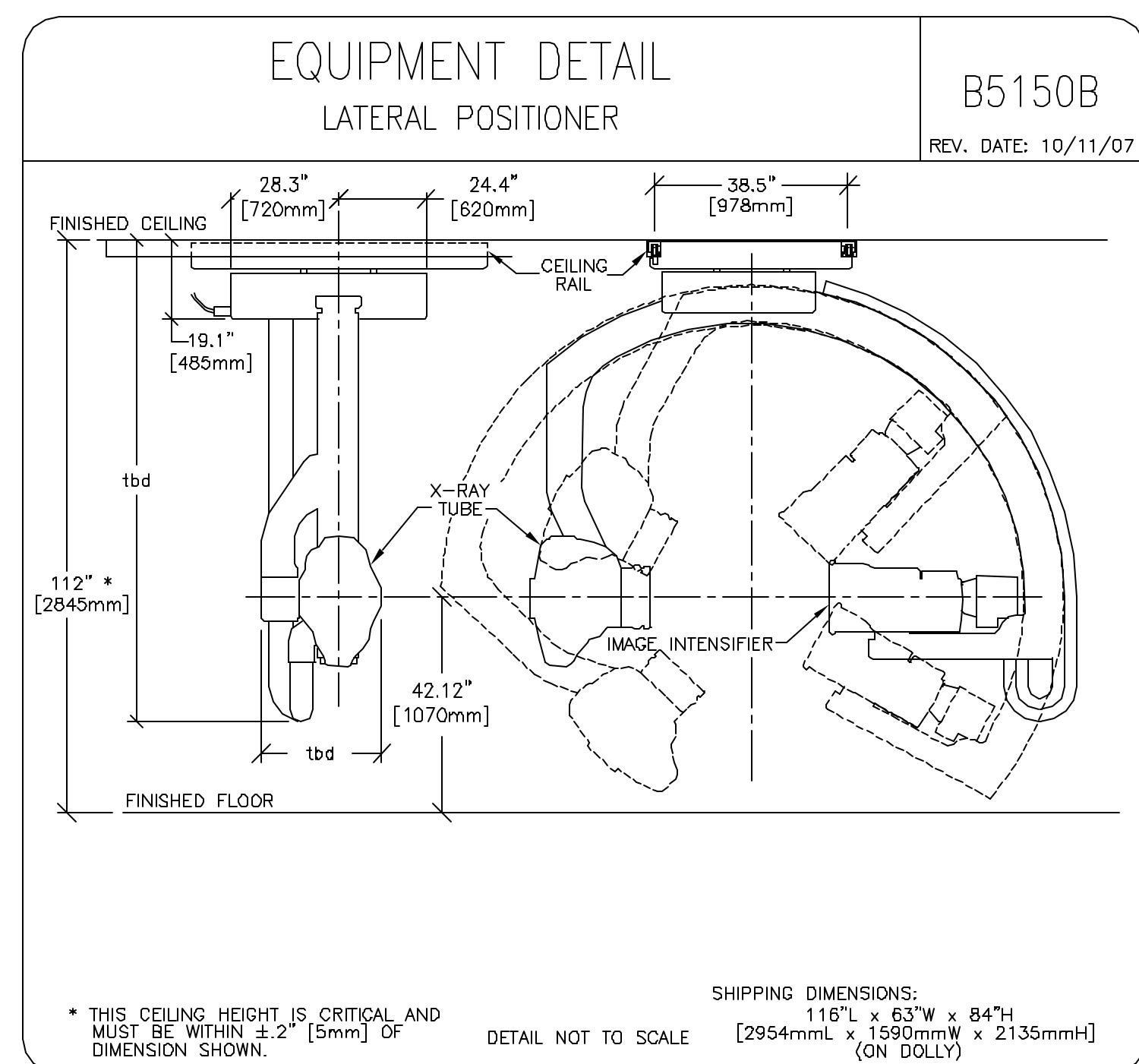
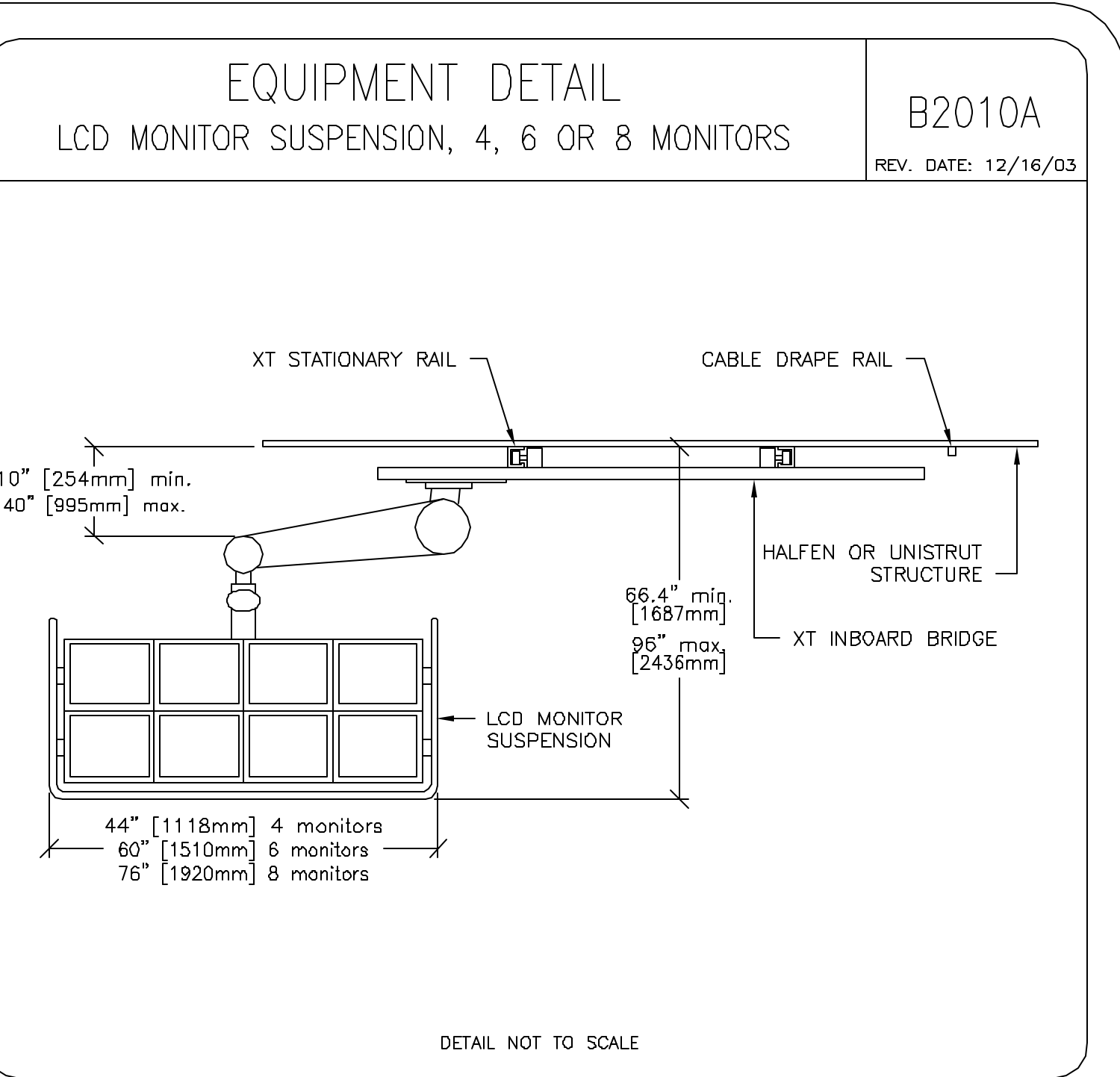
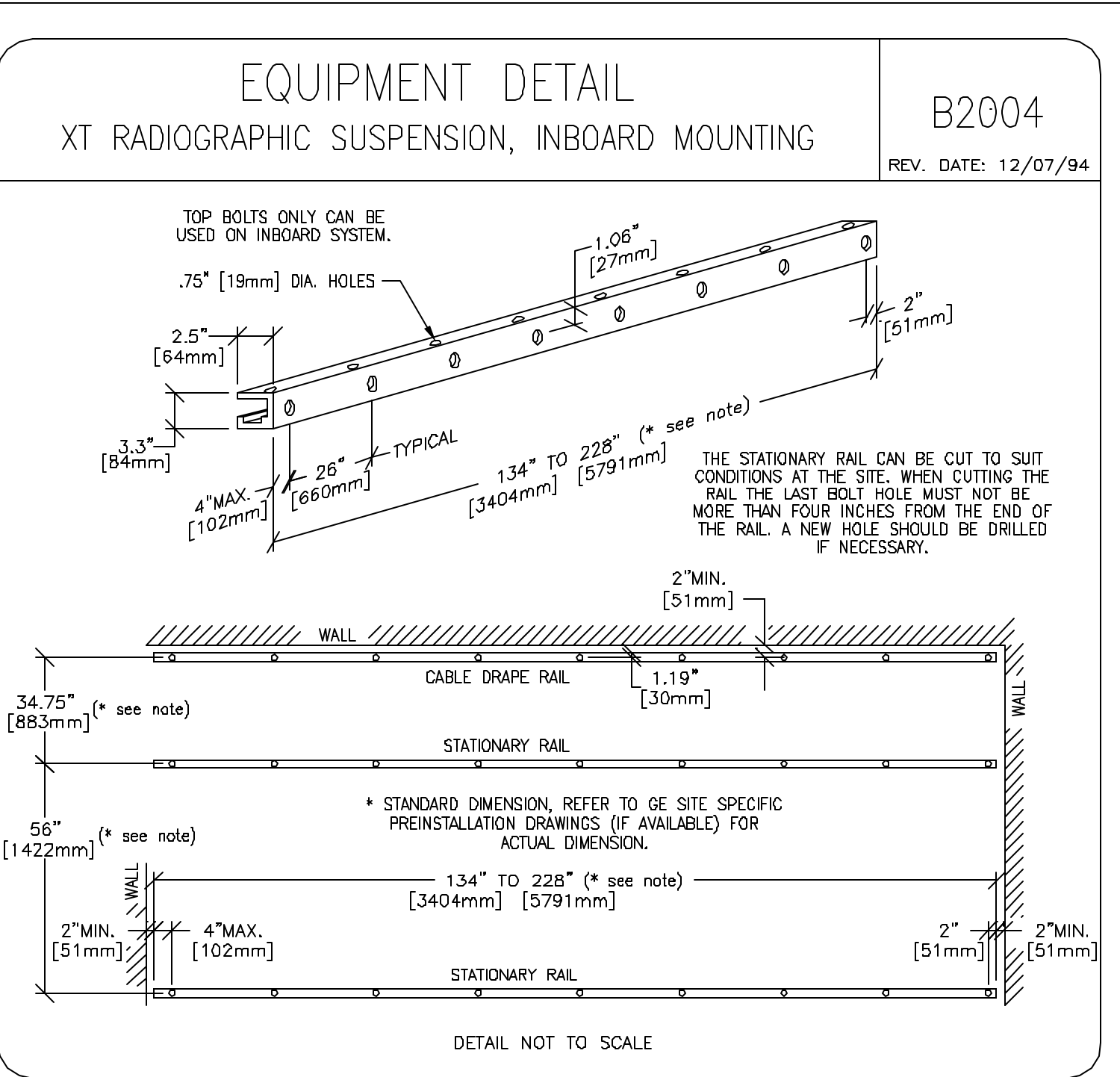
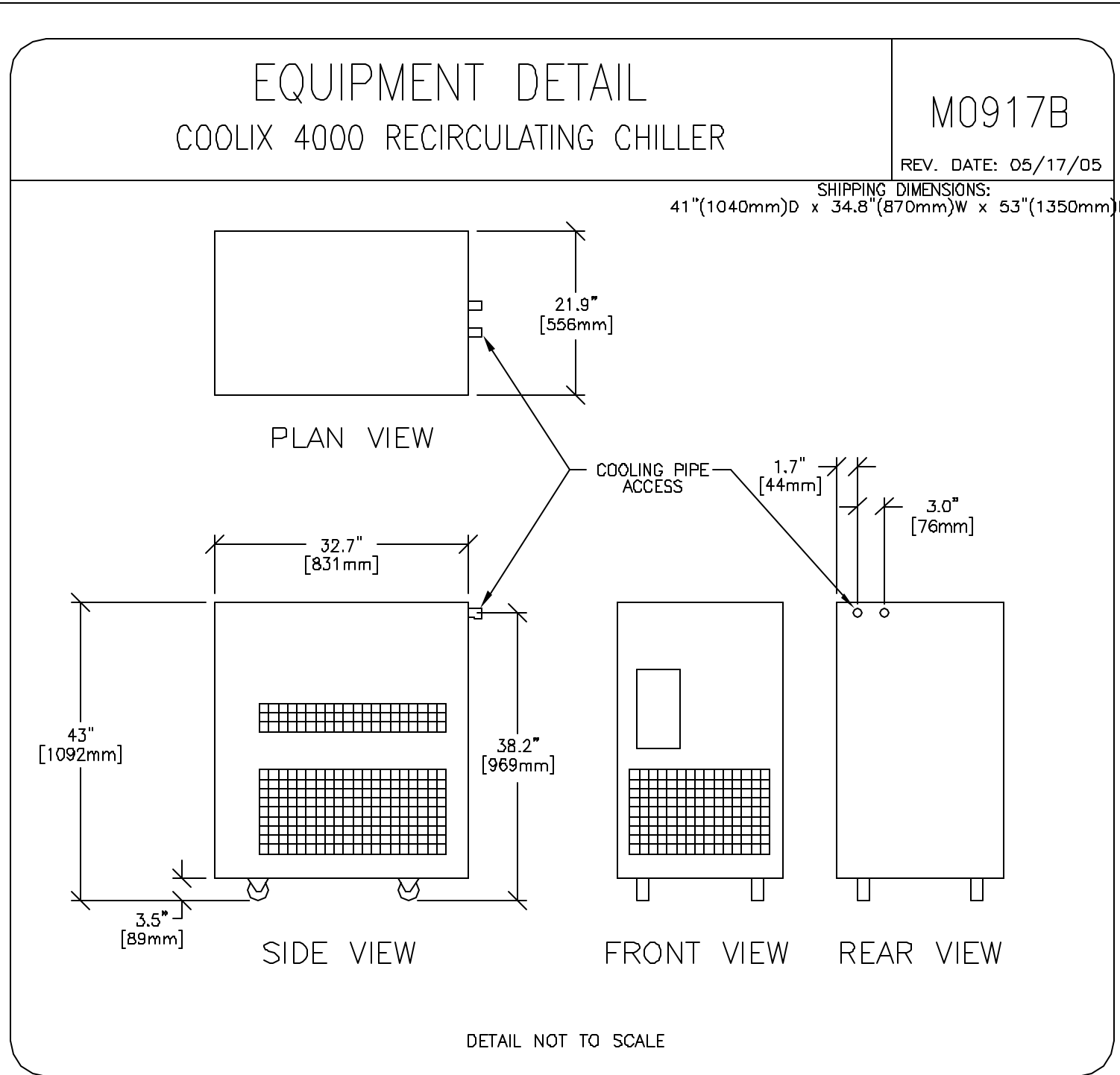
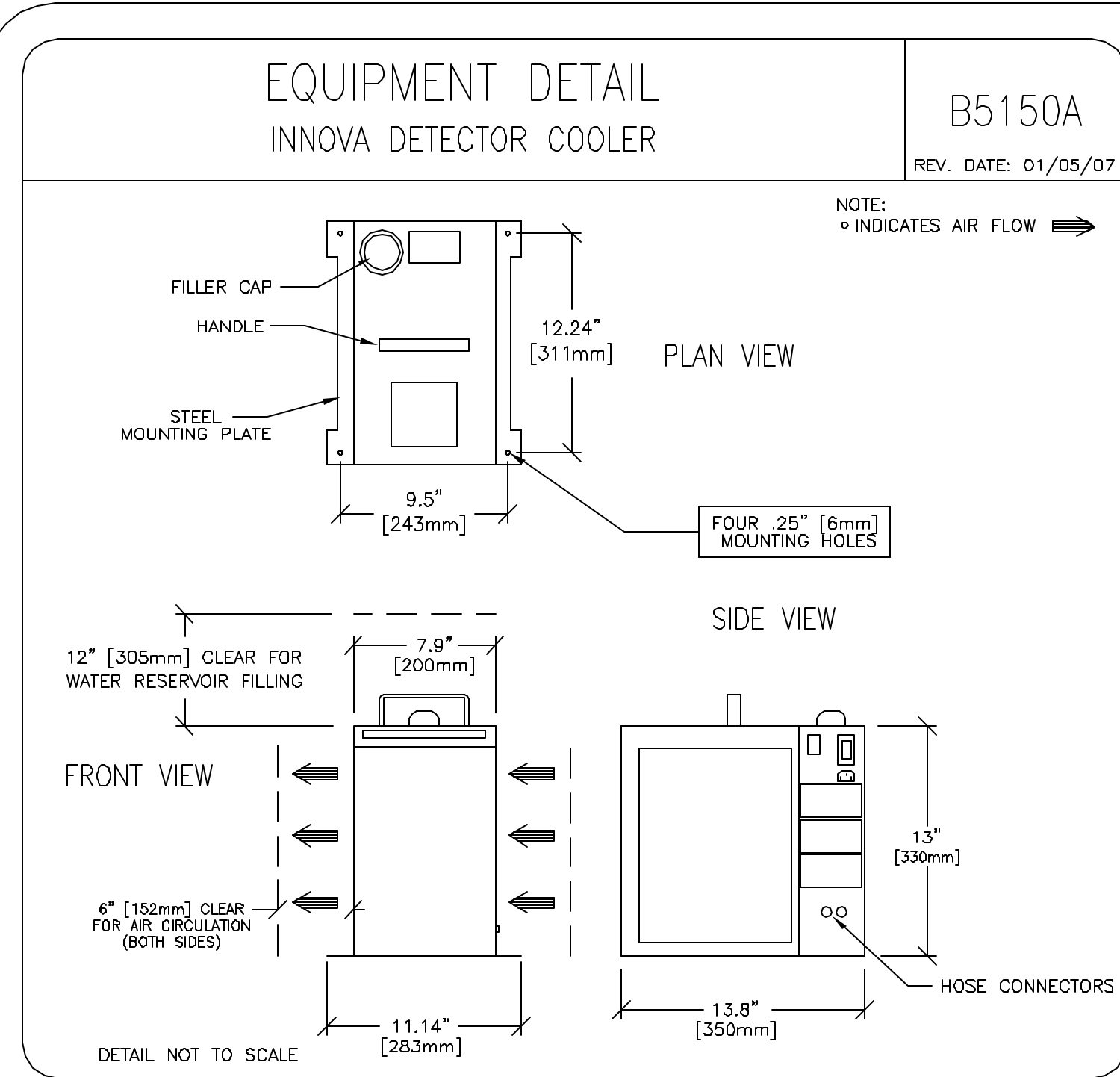
**GE Healthcare**  
Installation Services - Design Center  
Wisconsin



PROJECT	REVISION
5-88	00
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CHECKED BY: TST	

REVISION HISTORY:



PROJECT	REVISION
5-88	00
DATE: 02-24-09	
DRAWN BY: LLM	
CHECKED BY: TST	

REVISION HISTORY:


### ELECTRICAL DETAIL HORIZONTAL WALL DUCT (TYPICAL)

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

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

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

DETAIL NOT TO SCALE

### ELECTRICAL DETAIL VERTICAL WALL DUCT (TYPICAL)

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

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

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

DETAIL NOT TO SCALE

### ELECTRICAL DETAIL HORIZONTAL WALL DUCT (TYPICAL)

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

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

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

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.

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 FLOOR BOX WITH NIPPLES (TYPICAL)

ELEC-13  
REV. DATE: 09/30/94

DETAIL NOT TO SCALE

### ELECTRICAL DETAIL BOX WITH COVERPLATE AND NETWORK JACK

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

DETAIL NOT TO SCALE

### ELECTRICAL DETAIL NETWORK CONNECTION (TYPICAL)

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

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

COVERPLATE WITH NETWORK RECEPTACLE

DETAIL NOT TO SCALE

### ELECTRICAL DETAIL BOX WITH COVERPLATE (TYPICAL)

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

DETAIL NOT TO SCALE

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

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

DETAIL NOT TO SCALE

### ELECTRICAL DETAIL FLUSH FLOOR DUCT (TYPICAL)

ELEC-3  
REV. DATE: 4/01/04

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

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

12" TRENCH DUCT: A = 10", B = 12"  
18" TRENCH DUCT: A = 18", B = 20"

DETAIL NOT TO SCALE

### ELECTRICAL DETAIL INNOVA BI-PLANE MAIN DISCONNECT PANEL

ELEC-143  
REV. DATE: 08/30/07

DETAIL NOT TO SCALE

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

ELEC-146  
REV. DATE: 07/26/08

PERMITS THE USE OF EXISTING 120V X-RAY IN USE LIGHTS WHEN IMAGING SYSTEMS 24V POWER SOURCE IS USED.

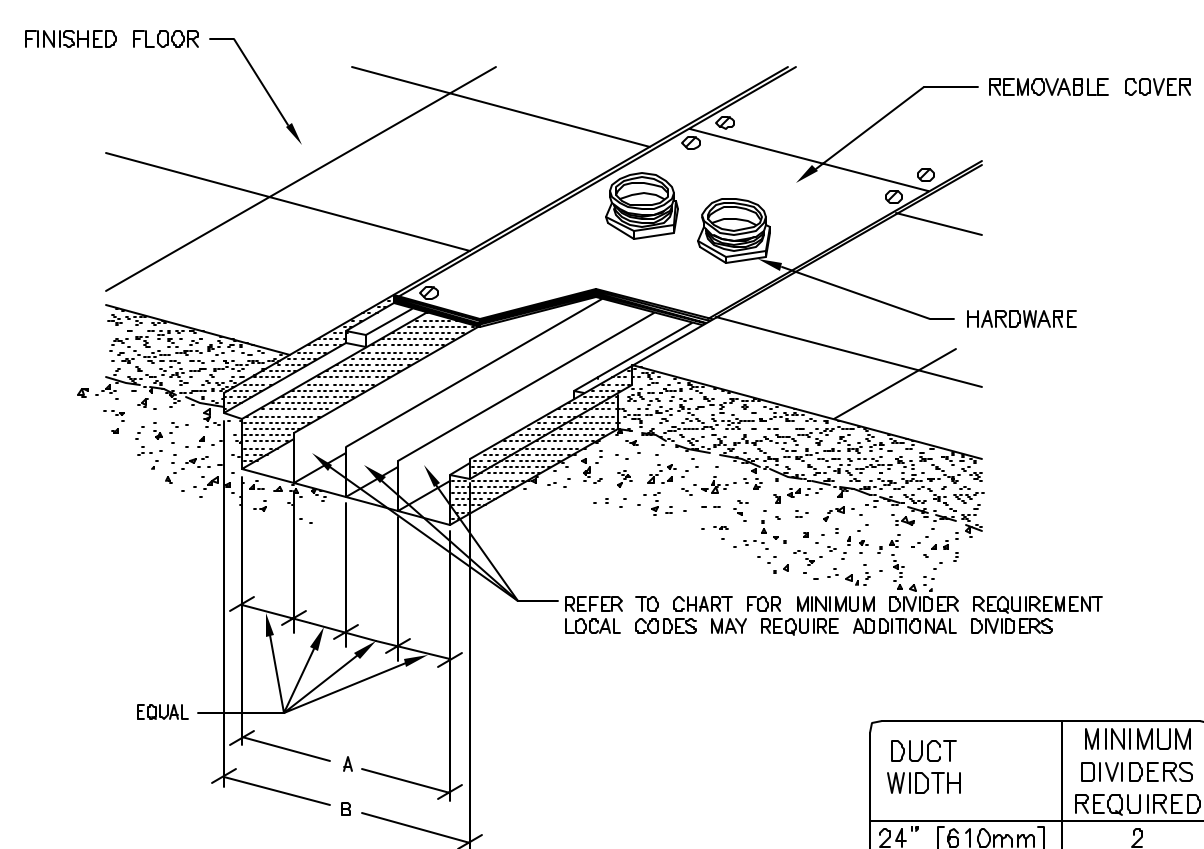
E4502?? NOTE:  
IF 24VAC X-RAY IN USE WARNING LIGHTS ARE UTILIZED, THE WARNING LIGHT FUNCTION OF THIS PANEL IS NOT REQUIRED.

E4500AK NOTE:  
IF 24VAC X-RAY IN USE WARNING LIGHTS ARE UTILIZED, THIS RELAY PANEL IS NOT REQUIRED.

THIS SHEET IS PART OF THE DOCUMENT SET LISTED ON SHEET C1 AND SHOULD NOT BE SEPARATED

ELECTRICAL DETAIL  
FLUSH FLOOR DUCT (TYPICAL)

ELEC-25  
REV. DATE: 4/01/04



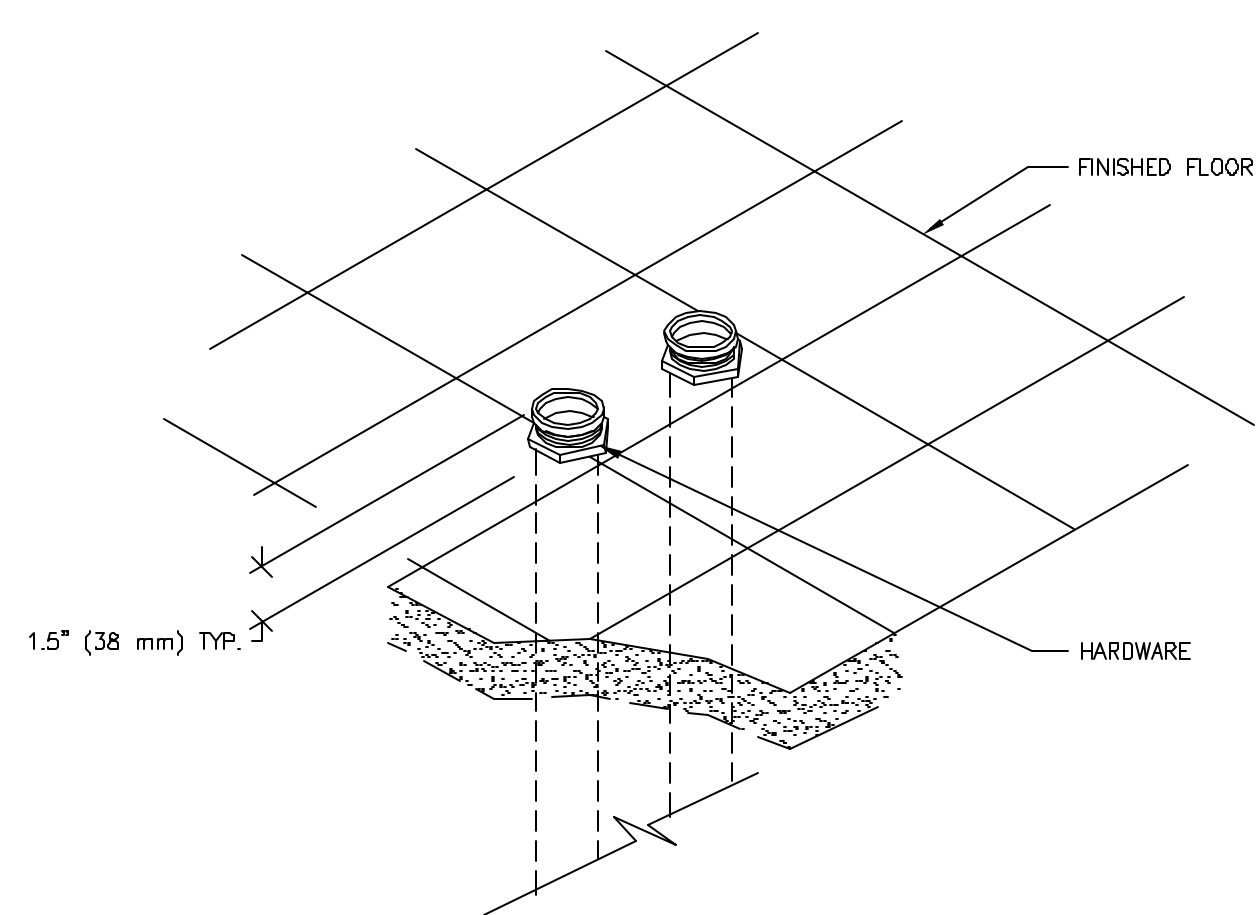
DUCT WIDTH	MINIMUM DIVIDERS REQUIRED
24" [610mm]	2
18" [457mm]	2
10" [254mm]	2
6" [152mm]	1
4" [102mm]	1

12" TRENCH DUCT: A = 10"  
B = 12"  
18" TRENCH DUCT: A = 18"  
B = 20"

DETAIL NOT TO SCALE

ELECTRICAL DETAIL  
CONDUITS THRU-FLOOR (TYPICAL)

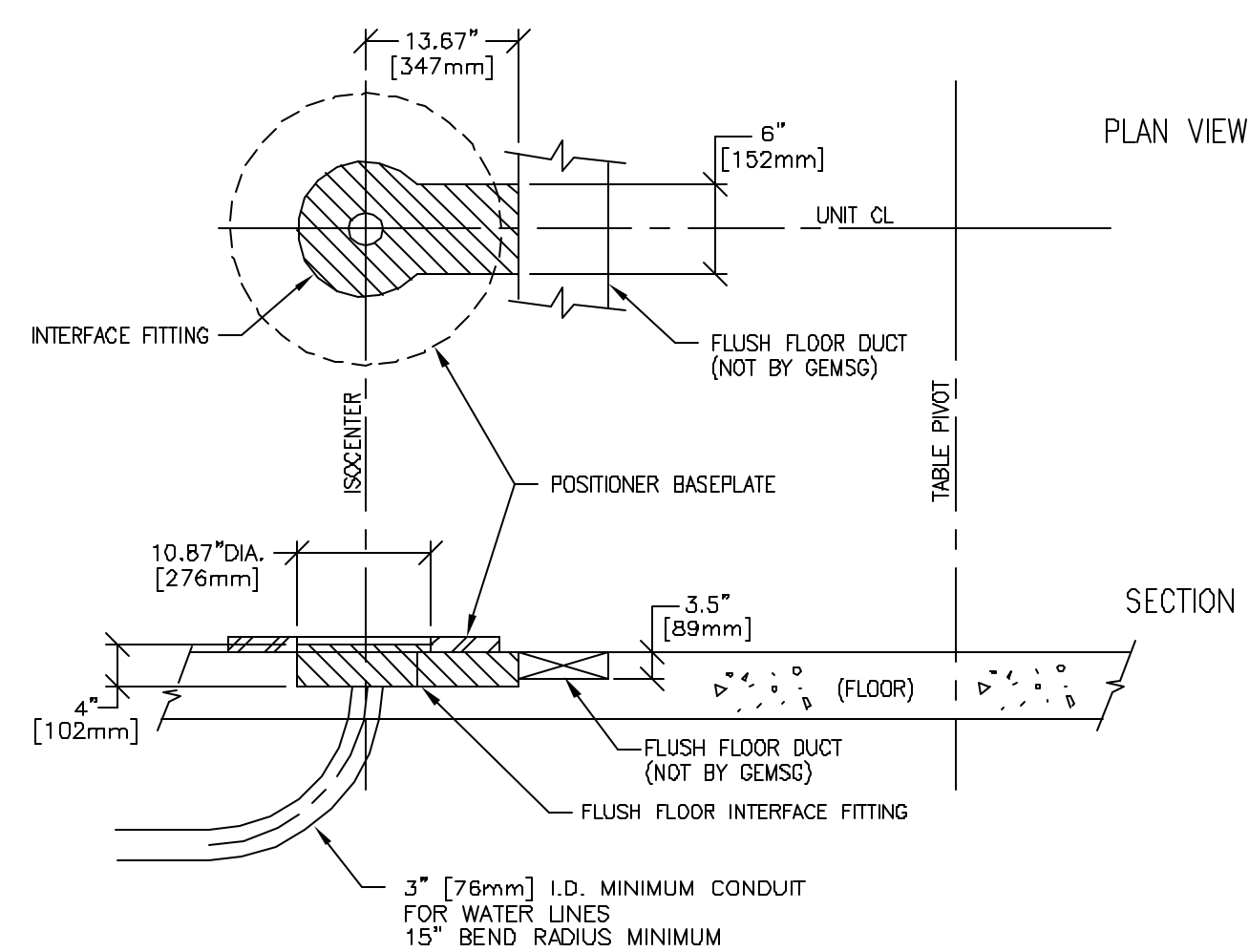
ELEC-9  
REV. DATE: 08/08/94



DETAIL NOT TO SCALE

ELECTRICAL DETAIL  
POSITIONER INTERCONNECT DETAIL, FLUSH IN FLOOR

ELEC-101  
REV. DATE: 01/07/04

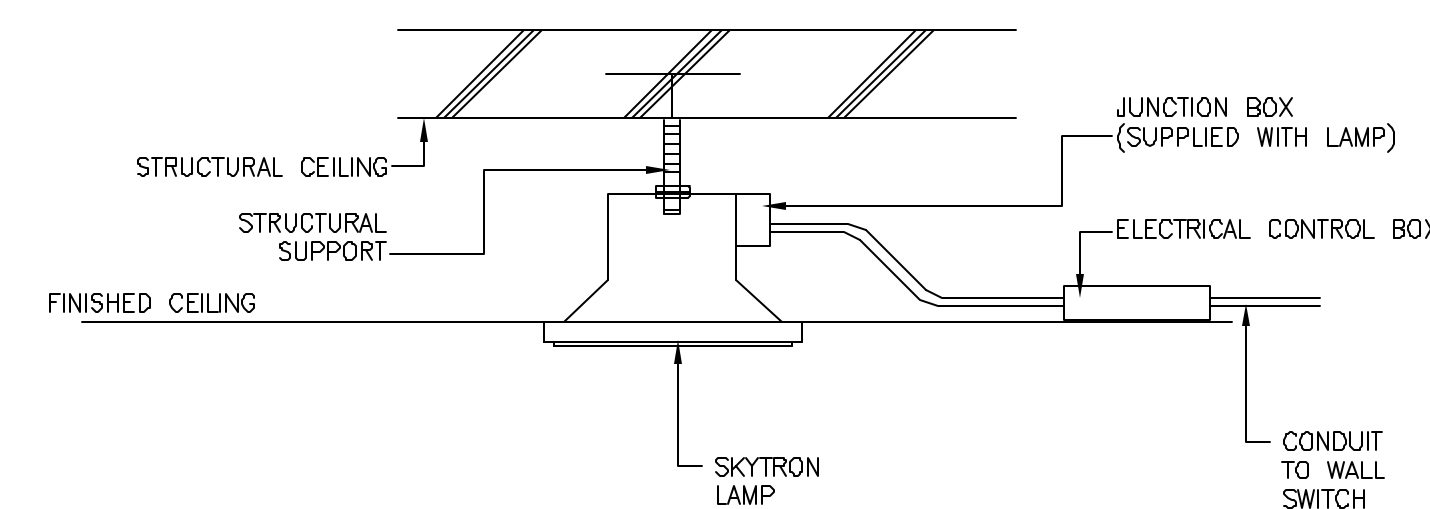


NOTE: FLUSH FLOOR INTERFACE FITTING IS PART OF GE INSTALLATION KIT CAT. NO. B5079BC AND IS TO BE INSTALLED BY CUSTOMER or CUSTOMER'S CONTRACTOR

DETAIL NOT TO SCALE

ELECTRICAL DETAIL  
SKYTRON LIGHTING UNIT

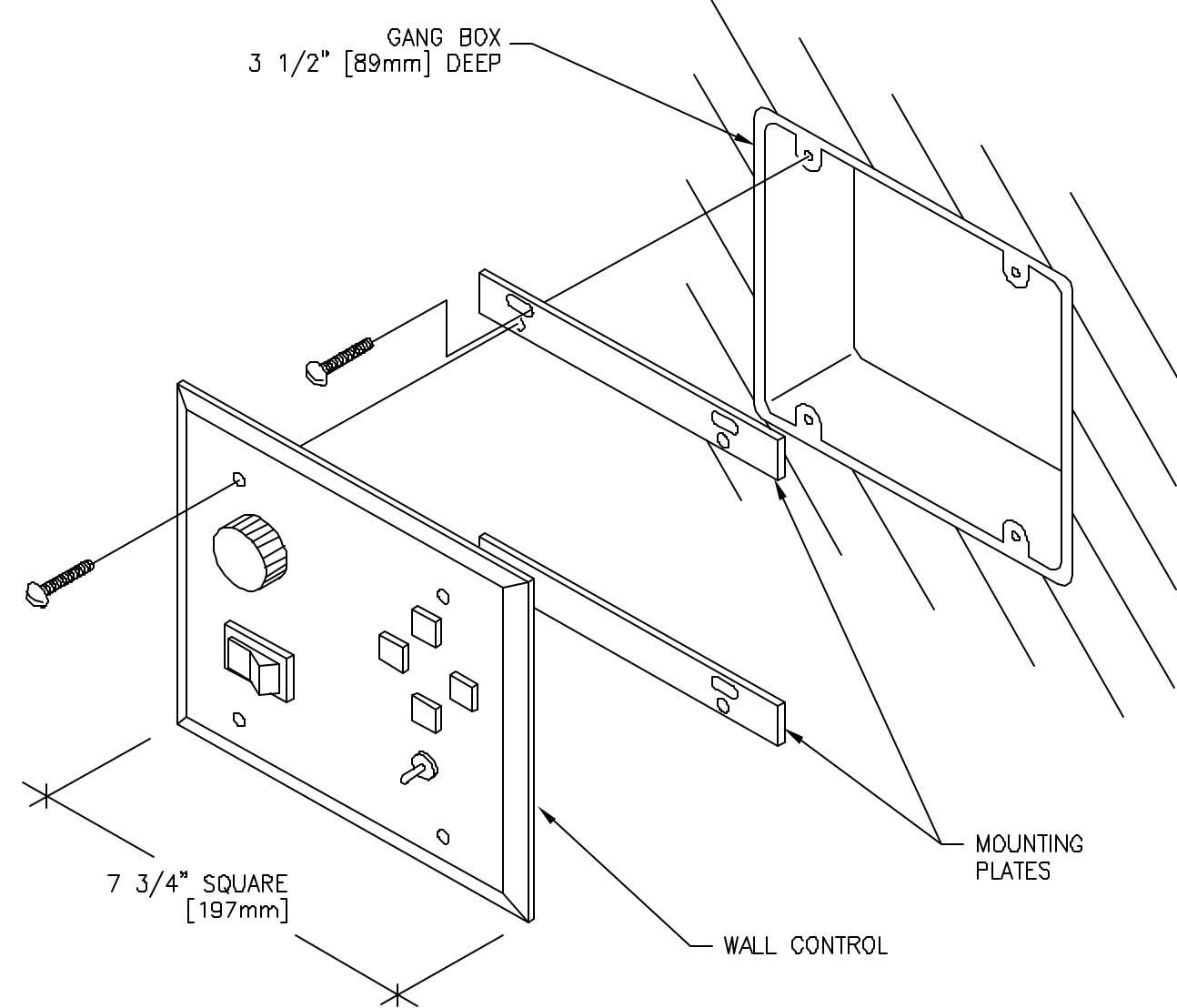
ELEC-98  
REV. DATE: 08/04/08



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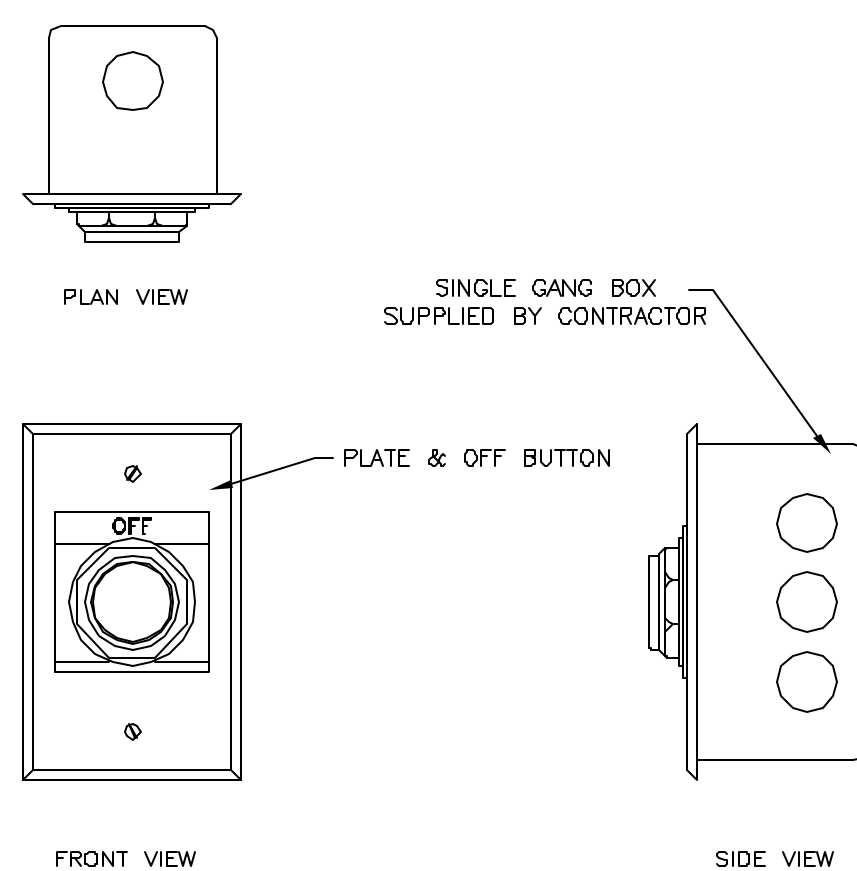
ELECTRICAL DETAIL  
SKYTRON INTENSITY AND POSITIONING WALL CONTROL

ELEC-124  
REV. DATE: 08/04/08



ELECTRICAL DETAIL  
EMERGENCY OFF BUTTON

ELEC-16  
REV. DATE: 08/22/05



DETAIL NOT TO SCALE

SHEET TITLE: ELECTRICAL DETAILS

MODALITY TYPE: INNOVA 2121/3131 BIPLANE

THIS PLAN IS SUBMITTED IN SUPPORT OF THE LOCATION OF GE HEALTHCARE EQUIPMENT AND ASSUMES THAT ALL NECESSARY PERMITS AND REGULATORY REQUIREMENTS HAVE BEEN OBTAINED AND ALL NECESSARY REGULATORY AGENCIES HAVE BEEN NOTIFIED. GE HEALTHCARE EQUIPMENT IS TO BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. GE HEALTHCARE EQUIPMENT IS NOT TO BE USED FOR ANY PURPOSES OTHER THAN THAT FOR WHICH IT IS DESIGNED. GE HEALTHCARE EQUIPMENT IS NOT TO BE USED FOR ANY PURPOSES OTHER THAN THAT FOR WHICH IT IS DESIGNED. GE HEALTHCARE EQUIPMENT IS NOT TO BE USED FOR ANY PURPOSES OTHER THAN THAT FOR WHICH IT IS DESIGNED.

PROJECT TITLE:  
ELECTROPHYSIOLOGY  
(EP) LAB  
TYPICAL LAYOUT

PROJECT	REVISION
5-88	00
DATE:	02-24-09
DRAWN BY:	LLM
CHECKED BY:	TST

REVISION HISTORY:

SHEET  
E4