

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 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 3100-4100
Preinstallation Manual
5160944

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): Is item ready?	Validate (Mech Install): Is item ready?	Comments
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 Technologies
 Installation Services Design Center
 Milwaukee, Wisconsin

SHEET TITLE: SITE READINESS
 MODALITY TYPE: INNOVA 2100
THIS PLAN IS SUBMITTED TO SUGGEST LOCATION OF GE HEALTHCARE EQUIPMENT AND ASSOCIATED APPLIANCE, ELECTRICAL WIRING DETAILS AND ROOM ARRANGEMENTS. IT IS NOT TO BE USED FOR ACTUAL CONSTRUCTION PURPOSES, HOWEVER, AND THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE:
ELECTROPHYSIOLOGY (EP) LAB
 TYPICAL LAYOUT

PROJECT	REVISION
5-86	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.	STRC PLAN	ELEC PLAN	EQUIPMENT CROSS REFERENCE CHART	
									SESMC STATUS	P = PREAPPROVAL C = CALCULATIONS/ PENDING APPROVAL S = SPECIFICATIONS ONLY
1			XR BUZZER (LOCATED ABOVE CEILING)	2 lbs		B5150H		XRB		
1			TRAM NET RACK	8 lbs		B5047		TRAM		
1			MAPPING WORKSTATION	46 lbs	682 btu					
1			NURSE WORKSTATION	46 lbs	682 btu					
1			WORKSTATION CART							
1			CLINICAL WORKSTATION	46 lbs	682 btu					
1			REMOTE MONITORING WORKSTATION WITH TWO LCD MONITORS	81 lbs	1109 btu			RMOT		
1			CLAB 2 PLUS AMPLIFIER	24 lbs	204 btu	B5051		AMP		
1			18 IN. MONITOR ON WALL SUPPORT	26 lbs	204 btu	C7617B	S18	WBM2		
1			ATLAS CABINET (C1)	998 lbs	3389 btu	B0558C	S100	C1		
1			COMBO LAB CONSOLE, INCLUDES MONITORS AND KEYBOARD	181 lbs	2935 btu			PC		
1			COLOR PRINTER		1054 btu					
1			LONGITUDINAL STATIONARY RAIL FOR XT SUSPENSION	68 lbs						
1			SIX LCD MONITOR SUSPENSION ON 9 FT. 6 IN. XT INBOARD BRIDGE	557 lbs	1228 btu	B2004 B2010A		WBM1		
1			OMEGA IV/V TABLE WITH ROTATING TOP	1750 lbs	614 btu			LUS		
1			COUNTERBALANCED EYE AND THYROID SHIELD WITH LAMP	143 lbs		B5031E	B50 31F	LMP		
1			ATLAS CABINET (C2)	568 lbs	1825 btu	B0558C	S100	C2		
1			CONTROL ROOM MONITOR WITH DL KEYPAD	19 lbs	204 btu	C7412H C7617				
1			OPERATORS CONSOLE	22 lbs	546 btu	C7617 C7502 B5050C		WBC1		
1			INNOVA POSITIONER (REFERENCE TABLE BASE-PLATE DETAIL FOR FLOOR MOUNTING INFORMATION)	1653 lbs	2416 btu	B5050A B5050B B5050C		LC1		
1			UPS INTERFACE BOX			E45021E		UIB		
1			UPS CABINET	1170 lbs	4050 btu	E4502SC		UPS		
1			DETECTOR CHILLER	33 lbs	706 btu	B5049F		DC		
1			WATER CHILLER	449 lbs	18716 btu	M0917B		CHLR		
1			BOLUS CHASE HANDSWITCH	2 lbs				WBBC		
1			IVUS VOLCANO S51 CONSOLE, INCLUDES FLAT PANEL MONITOR AND KEYBOARD (DESK MOUNTED)	68 lbs	1631 btu	B551		IVUS		

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

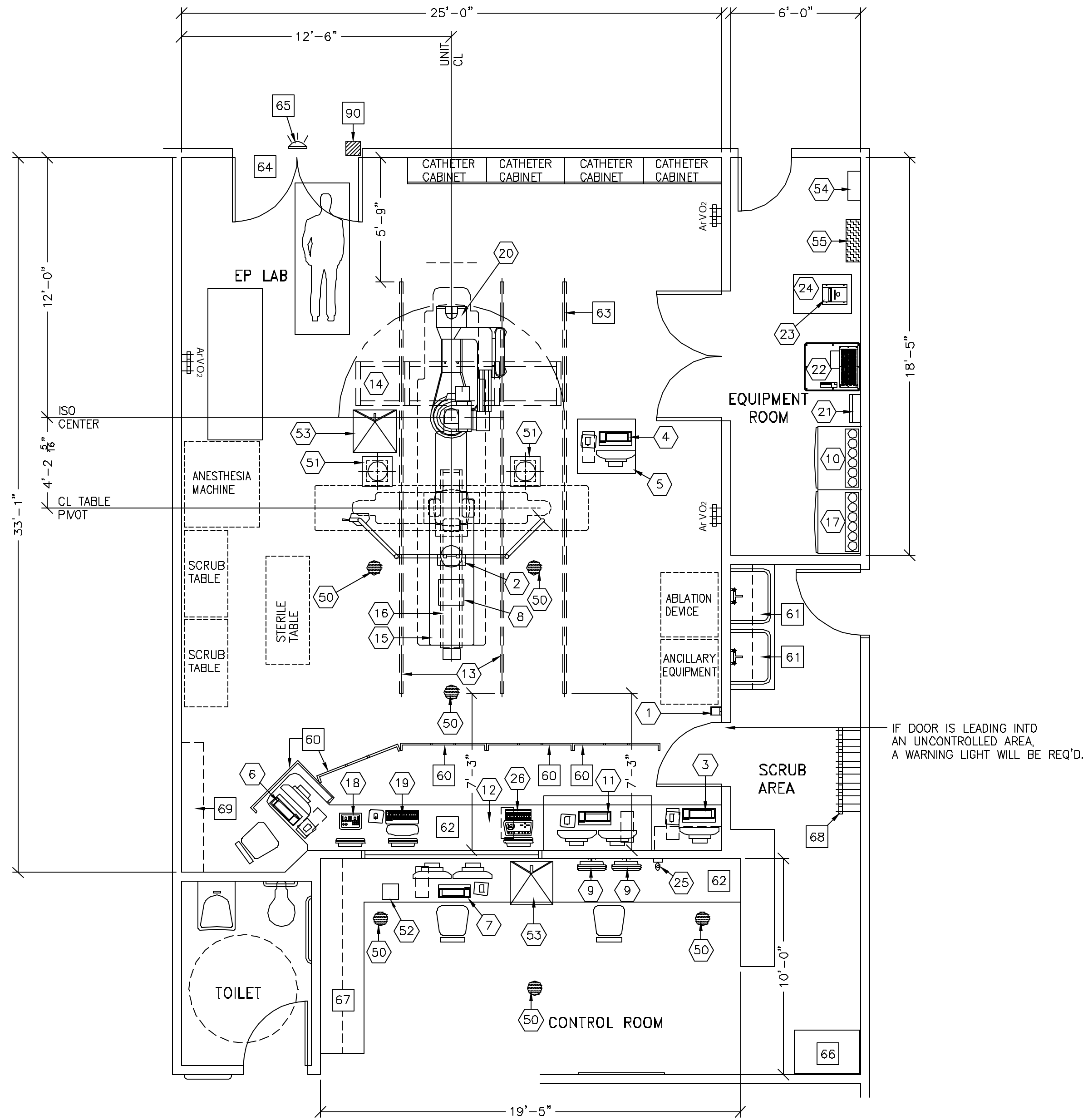
6			VITALING SPEAKER							
2			SKYTRON LIGHTING UNIT	50 lbs	341 btu	B2063	B20 63A	SL		
1			VITALING CONSOLE			B0566				
2			VITALING MICROPHONE							
1			FILTER ENCLOSURE	90 lbs		S1875PC		FE		
1			INNOVA MAIN DISCONNECT REFERENCE JUNCTION POINT 'A' ON SHEET E1 FOR DETAILED DESCRIPTION.	275 lbs	1532 btu	E4502AB		A		

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

EQUIPMENT LAYOUT

RECOMMENDED CEILING HEIGHT = 9'-6"

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	MOBILE RADIATION SHIELD
61	SCRUB SINK
62	COUNTER TOP FOR EQUIPMENT - SHELVING MAY BE REQUIRED. PROVIDE GROMMETED OPENINGS AS REQUIRED TO ROUTE INTERCONNECT CABLES TO RACKS/BELOW COUNTERTOP.
63	CABLE DRAPE RAIL.
64	MINIMUM DOOR OPENING FOR EQUIPMENT DELIVERY IS 44 IN. W X 83 IN. H (1118mm X 2109mm), CONTINGENT ON A 96 IN. (2438mm) CORRIDOR WIDTH.
65	X-RAY ON WARNING LIGHT - AVAILABLE FROM GE SUPPLY CALL: 800-200-9760 GE CAT. NO. WX1ABW-OF-XIU
66	CUSTOMER SUPPLIED STORAGE CABINET
67	COUNTERTOP WITH BASE AND WALL CABINETS
68	LEAD APRON RACK
69	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/ROOM LIGHTING CONTROL PANEL REFERENCE JUNCTION POINT 'XRLC' ON SHEET E1 FOR DETAILED DESCRIPTION - CAT. NO. E45055S FOR WARNING LIGHT & ROOM LIGHT CONTROL.
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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, COULDED 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: 55 TO 75 DEGREES (F), MAXIMUM ALLOWABLE TEMPERATURE CHANGE OF 15 DEGREES (F)/HOUR, WITH 20% - 75% HUMIDITY.
- EXAM ROOM AMBIENT OPERATING TEMPERATURE: 55 TO 75 DEGREES (F), MAXIMUM ALLOWABLE TEMPERATURE CHANGE OF 15 DEGREES (F)/HOUR, HUMIDITY: 10% - 70%
- CONTROL ROOM AMBIENT OPERATING TEMPERATURE: 59 TO 75 DEGREES (F), MAXIMUM ALLOWABLE TEMPERATURE CHANGE OF 15 DEGREES (F)/HOUR, HUMIDITY: 30% - 80%
- 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 Technologies
 Installation Services Design Center
 Milwaukee, Wisconsin

SHEET TITLE: EQUIPMENT LAYOUT
 MODALITY TYPE: INNOVA 2100

THIS PLAN IS SUBMITTED TO SUGGEST LOCATION OF GE HEALTHCARE EQUIPMENT AND ASSOCIATED APPARATUS, ELECTRICAL WIRING DETAILS, AND ROOM ARRANGEMENTS. IT IS NOT TO BE USED FOR CONSTRUCTION PURPOSES. IT IS NOT TO BE USED FOR ACTUAL CONSTRUCTION PURPOSES. HOWEVER, AND THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

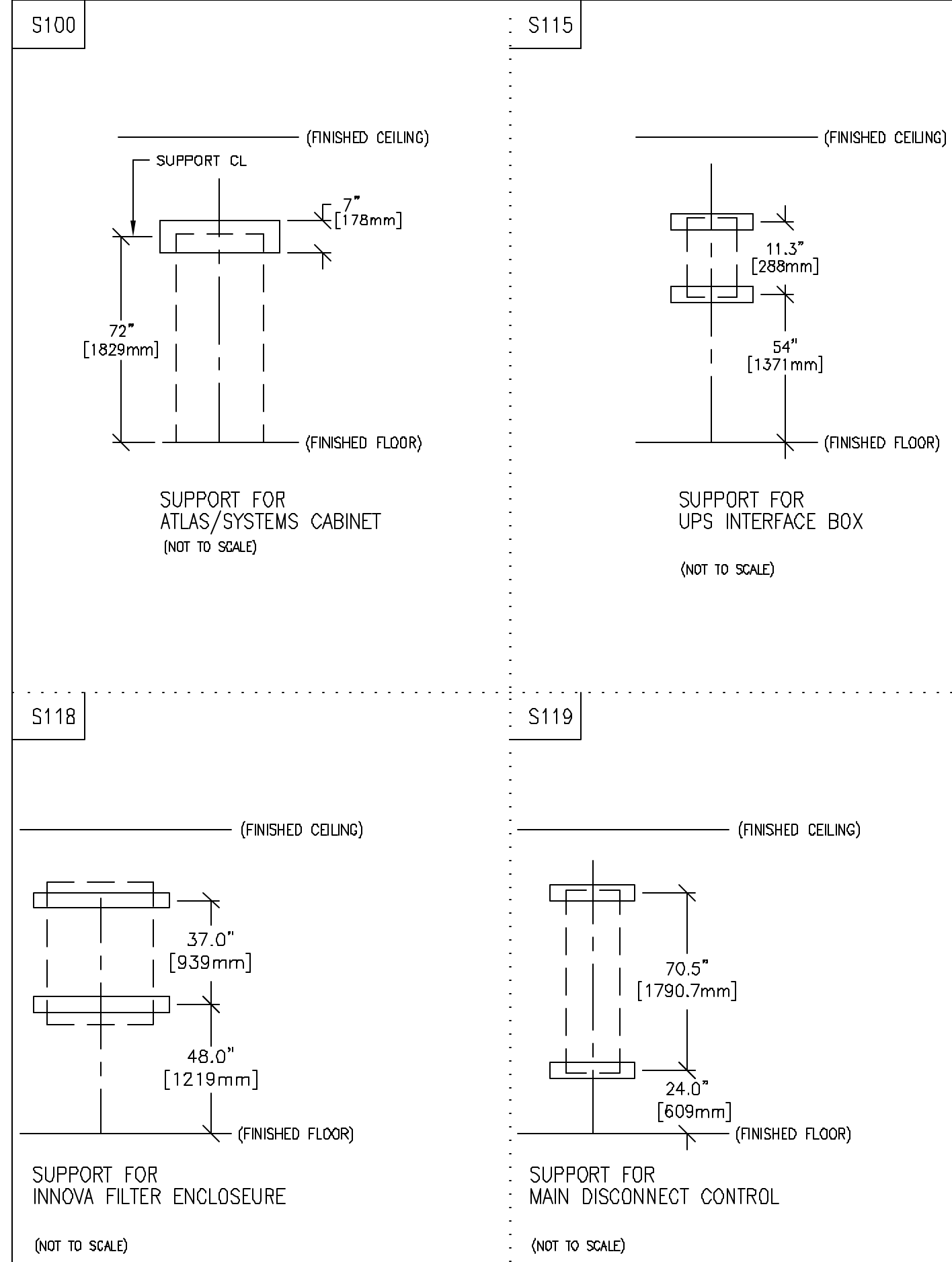
PROJECT TITLE:
ELECTROPHYSIOLOGY (EP) LAB
 TYPICAL LAYOUT

PROJECT	REVISION
5-86	00
DATE:	02-24-09
DRAWN BY:	LLM
CHECKED BY:	TST

REVISION HISTORY:

SHEET
A1

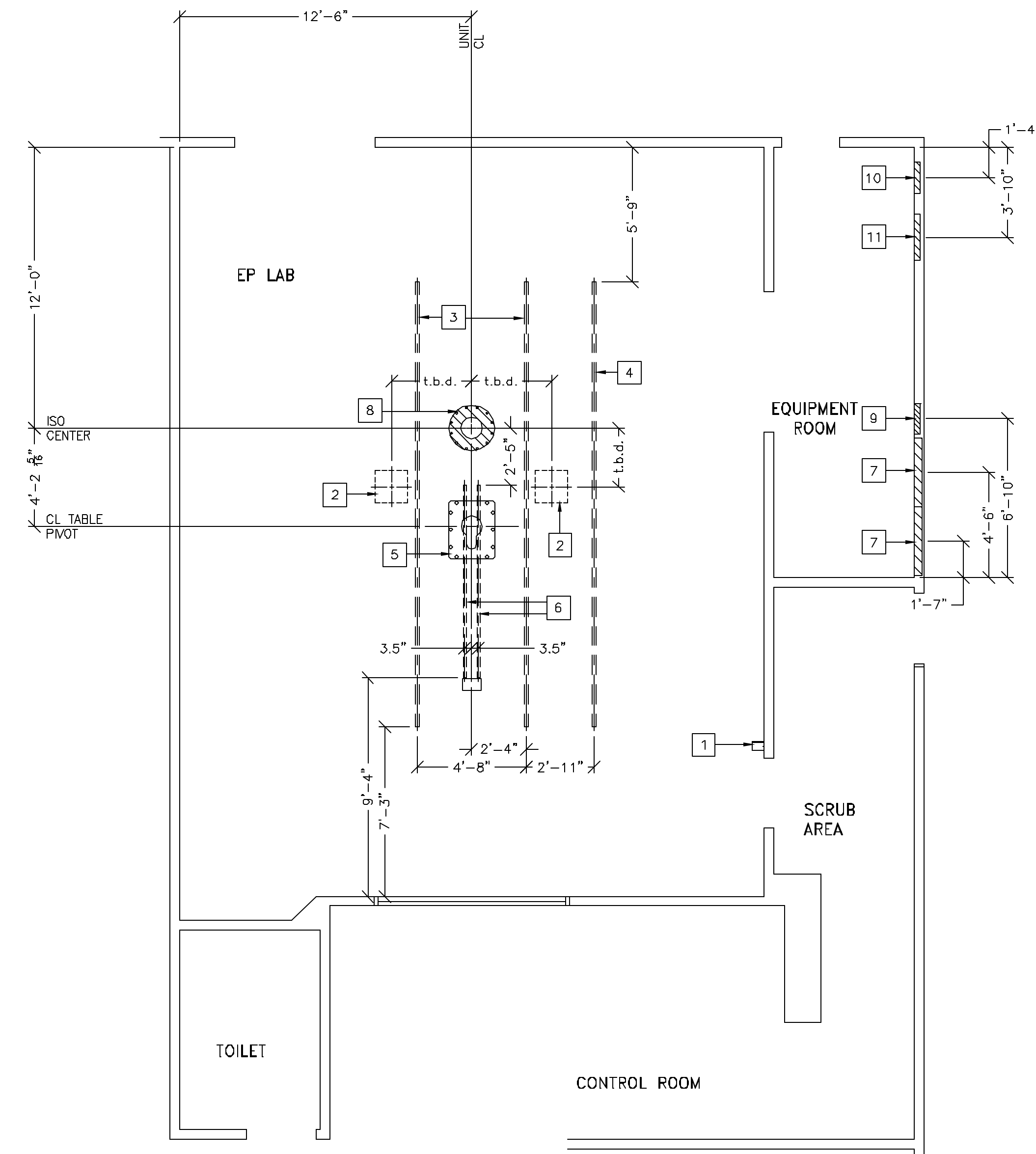
TYPICAL WALL SUPPORT ELEVATIONS



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

STRUCTURAL LAYOUT

RECOMMENDED CEILING HEIGHT = 9'-6"



STRUCTURAL SUPPORT METHODS

CUSTOMER/CONTRACTOR SUPPLIED AND INSTALLED ITEMS

ITEM NO.	ITEM DESCRIPTION (* INDICATES EXISTING)
1	MOUNT XR BUZZER BRACKET ON WALL, ABOVE CEILING.
2	SKYTRON LAMP LOCATION. LIGHTS MAY NEED TO BE RECESSED TO AVOID INTERFERENCE WITH OTHER CEILING MOUNTED ITEMS. CONSULT MANUFACTURER TO VERIFY LOCATION AND MOUNTING.
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 350 LBS. (<597 LBS. IN SEISMIC REGIONS) PER BOLT LOAD. METHODS OF SUPPORT THAT PERMIT ATTACHMENT TO STRUCTURAL STEEL OR THROUGH BELTS IN CONCRETE SHOULD BE FAVORED. DO NOT USE SCREW ANCHORS IN DIRECT TENSION.
4	>>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 BELTS IN CONCRETE SHOULD BE FAVORED. DO NOT USE SCREW ANCHORS IN DIRECT TENSION. >>COMPONENTS BELOW CEILING<< CABLE DRAPE RAIL, UNISTRUT CAT. NO. CP655 OR EQUIVALENT. TO ORDER, CALL UNISTRUT WISCONSIN AT 262-796-0710.
5	AREA OCCUPIED BY GE SUPPLIED TABLE BASEPLATE
6	UNISTRUT OR EQUIVALENT SUPPORTS FOR FASTENING THE OVERHEAD COUNTERPOSED SUSPENSION. SUPPORT TO BE LOCATED AS SHOWN. SUPPORT SHOULD RUN CONTINUOUS WITH NO FITTINGS EXTENDING BELOW FACE OF UNISTRUT CHANNEL, PARALLEL SQUARE, AND IN THE SAME HORIZONTAL PLANE. FLUSH WITH FINISHED CEILING. SUSPENSION REQUIRES 102 LBS/BOLT SUPPORT. METHODS OF SUPPORT THAT WILL PERMIT ATTACHMENT TO STRUCTURAL STEEL OR THROUGH BELTS IN CONCRETE SHOULD BE FAVORED. DO NOT USE SCREW ANCHORS IN DIRECT TENSION.
7	SUPPORT BACKING, LOCATE AS SHOWN, REFER TO ELEVATION DETAIL S100, FOR ATLAS CABINET.
8	AREA OCCUPIED BY GE SUPPLIED POSITIONER BASEPLATE
9	SUPPORT BACKING, LOCATE AS SHOWN, REFER TO ELEVATION DETAIL S115, FOR UPS INTERFACE BOX
10	SUPPORT BACKING, LOCATE AS SHOWN, REFER TO ELEVATION DETAIL S118, FOR FILTER ENCLOSURE.
11	SUPPORT BACKING, LOCATE AS SHOWN, REFER TO ELEVATION DETAIL S119, FOR MAIN DISCONNECT CONTROL.

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.

GE Healthcare Technologies
 Installation Services Design Center
 Milwaukee, Wisconsin

SHEET TITLE: **STRUCTURAL LAYOUT**
 MODALITY TYPE: **INNOVA 2100**

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PROJECT TITLE:
ELECTROPHYSIOLOGY (EP) LAB
 TYPICAL LAYOUT

PROJECT	REVISION
5-86	00

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

REVISION HISTORY:

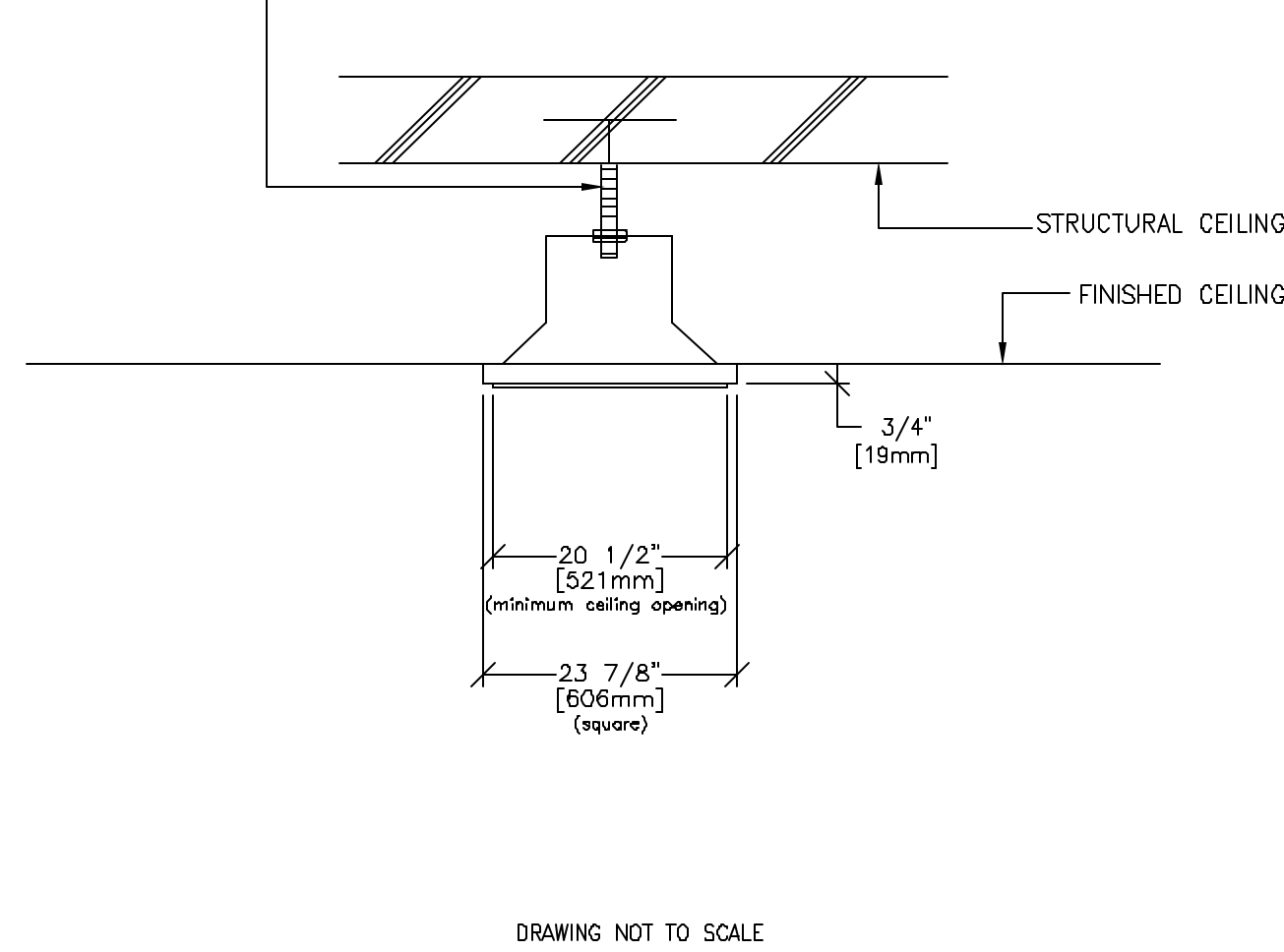
SHEET
S1

SUPPORT DETAIL
SKYTRON LIGHTING UNIT
CEILING SUPPORT

B2063A

REV. DATE: 08/04/08

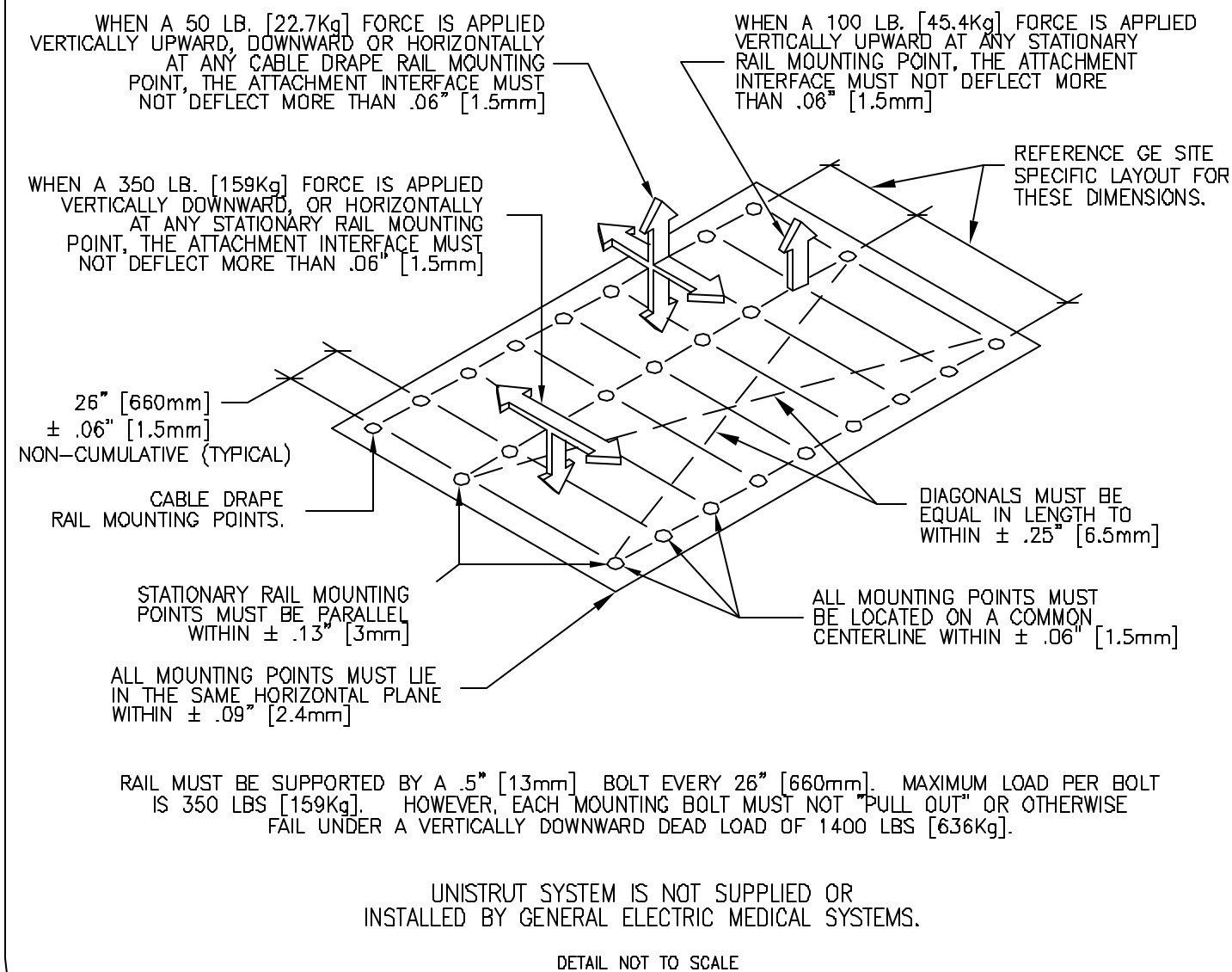
1/2" [13MM] ALL-THREAD ROD CENTERED IN FIXTURE OPENING FOR TOTAL SUPPORT OF LIGHT. TWO 1/2" [13MM] NUTS AND TWO 1/2" [13MM] WASHERS REQUIRED.



SUPPORT DETAIL
XT RADIOGRAPHIC SUSPENSION, INBOARD MOUNTING

B20-041

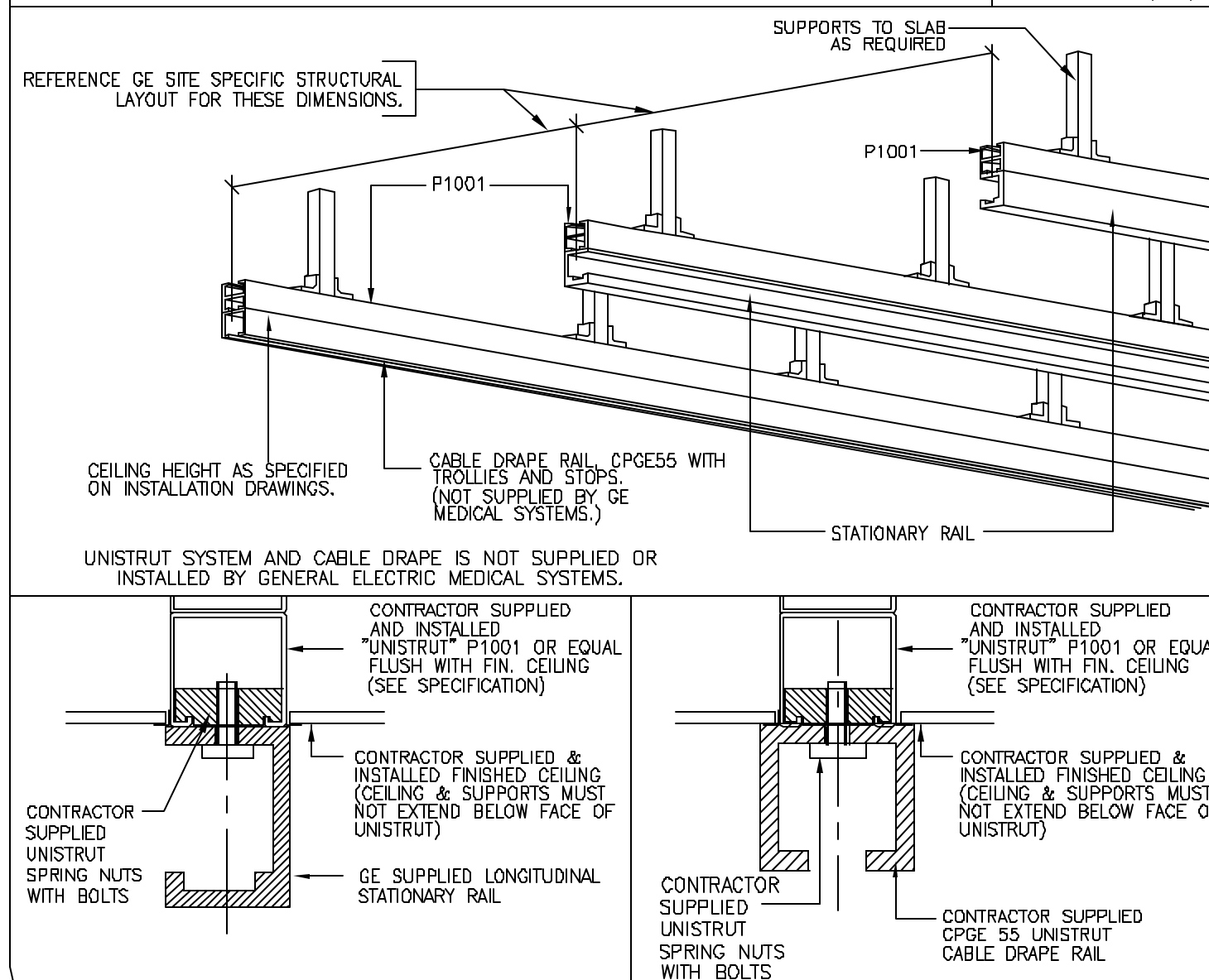
REV. DATE: 09/18/07



SUPPORT DETAIL
XT RADIOGRAPHIC SUSPENSION, INBOARD MOUNTING

B20-042

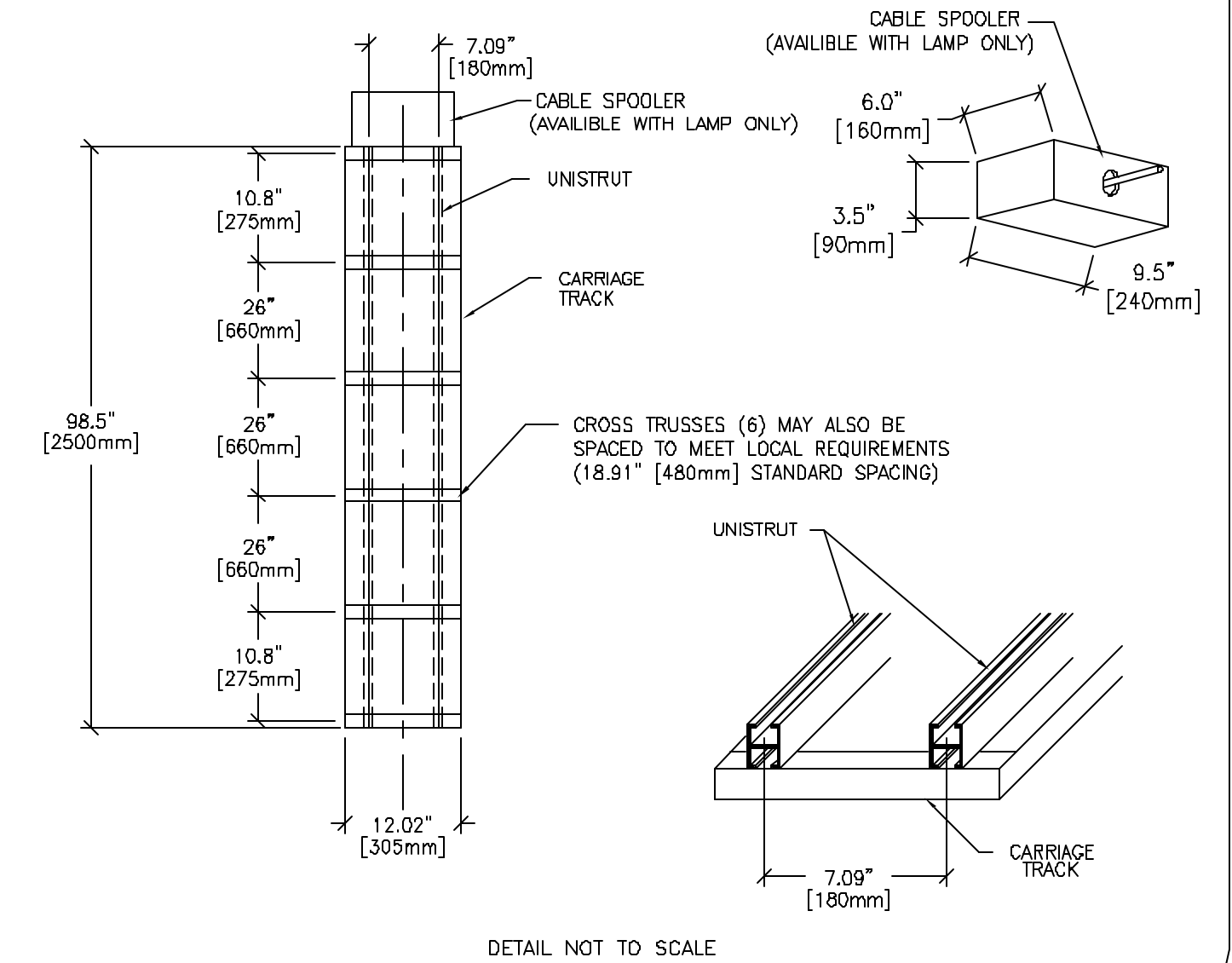
REV. DATE: 08/09/05



SUPPORT DETAIL
MAWG CEILING TRACK MOUNTING

B50-31F

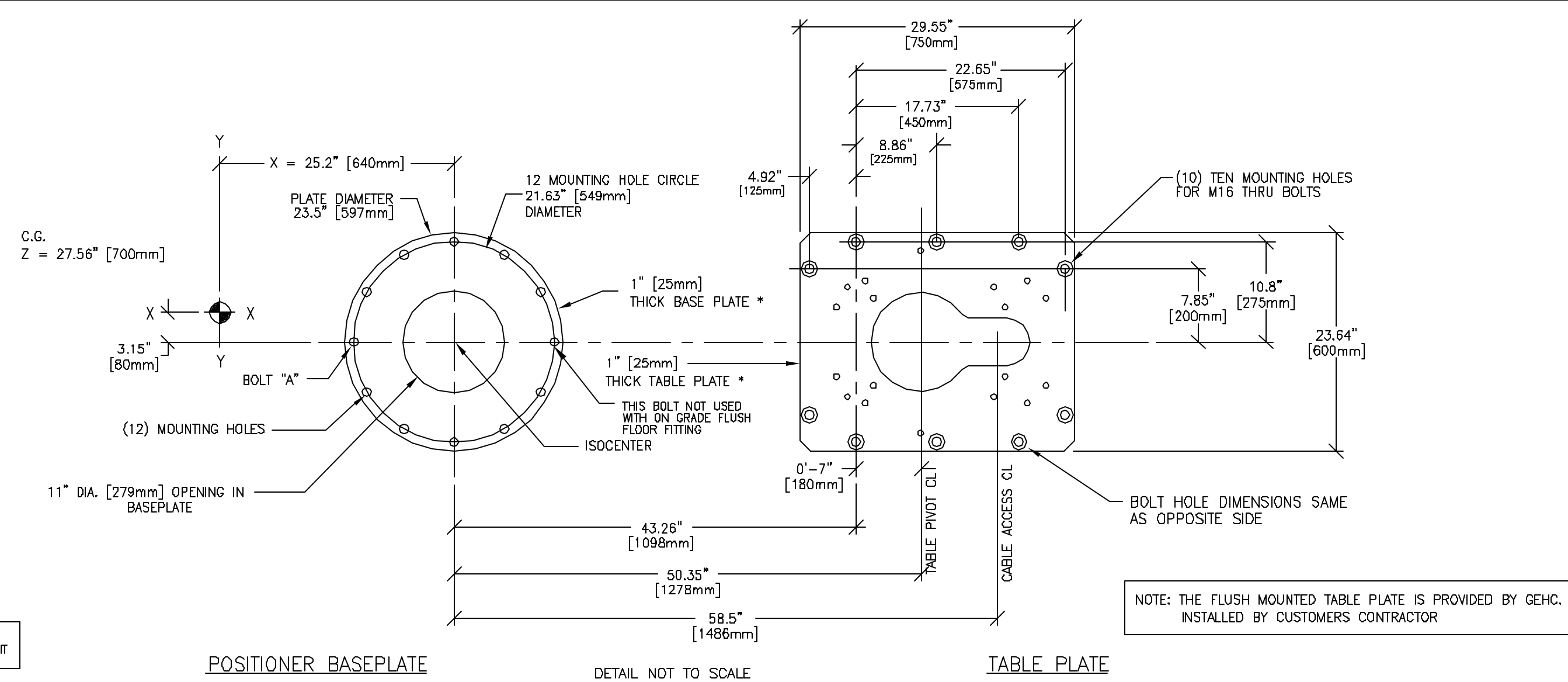
REV. 00: 05/09/05



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

B5049N

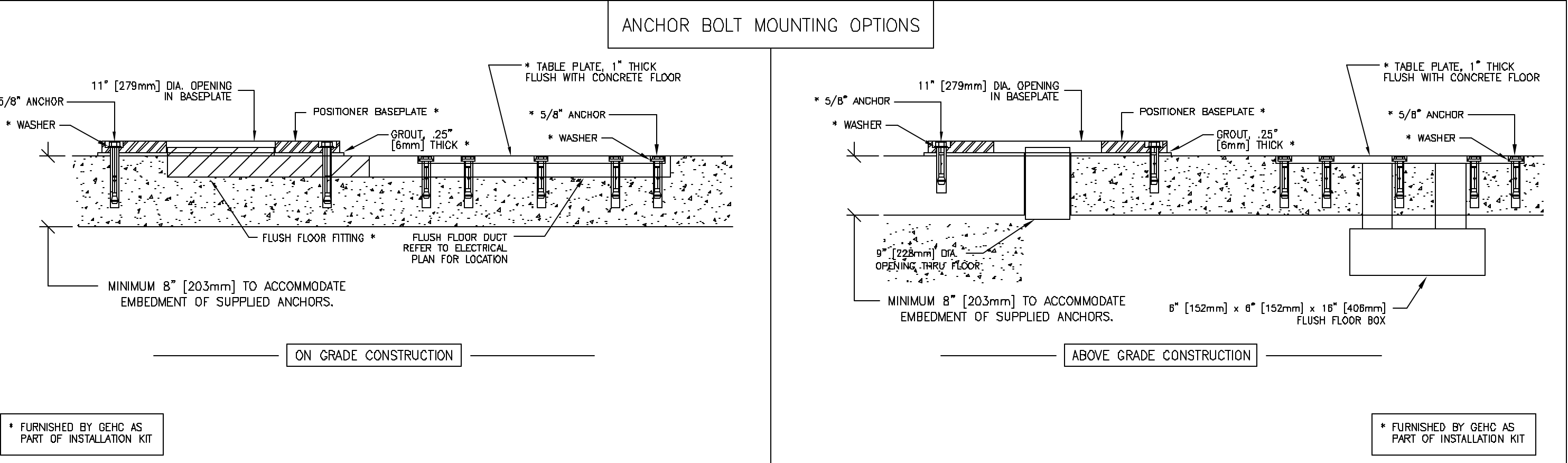
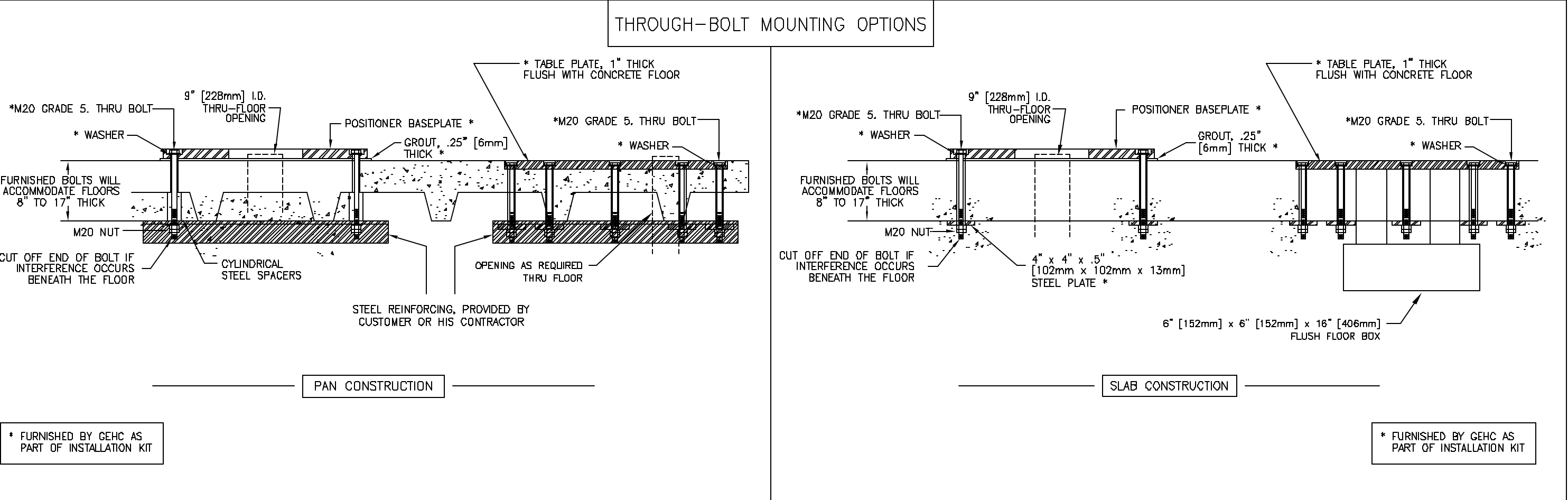
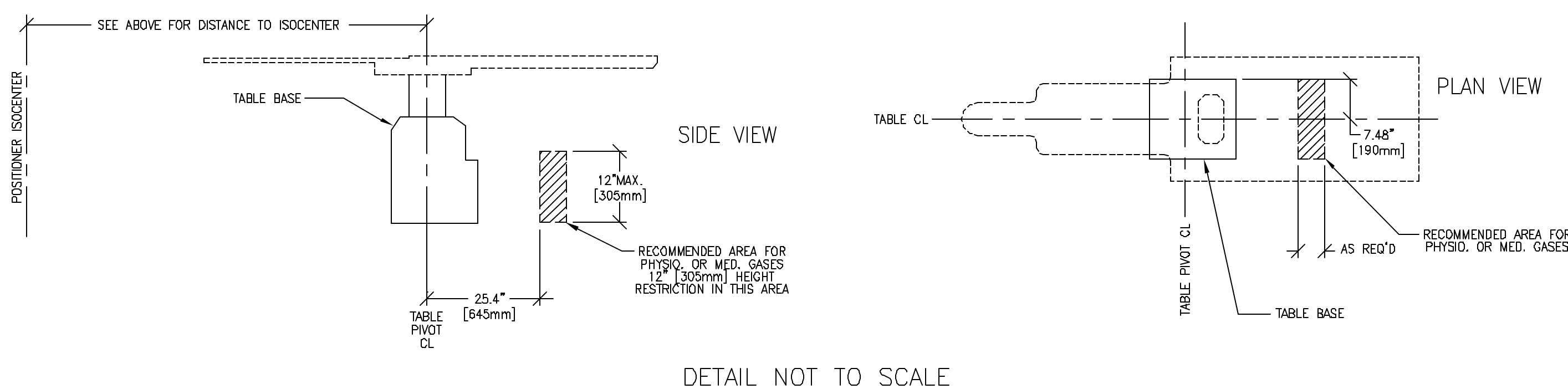
REV. DATE: 10/18/07



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. 2288398 SHOULD BE ORDERED. ANCHORS INCLUDED IN KIT SHOULD BE APPROVED BY CUSTOMERS STRUCTURAL ENGINEER.
NOTE: BASEPLATES MUST BE LEVEL WITHIN 1/32" [0.79mm]

NOTE: JOISTS MUST BE SPANNED WITH STEEL REINFORCING. SIZE AND THICKNESS OF STEEL REINFORCING ARE 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.
DOCUMENT FURNISHED BY GEHC AS PART OF INSTALLATION KIT

POSITIONER BOLT FORCES FOR WORST CASE CONDITIONS

LOADS	BOLT TENSION (AT BOLT "A")
HORIZONTAL ACCELERATION = 625 lbs. [284 Kg]	MAXIMUM TENSION = 861 lbs. [400 Kg]
VERTICAL ACCELERATION = 209 lbs. [95 Kg]	BOLT SHEAR (U-ARM LOCKED)
	MAXIMUM SHEAR = 120 lbs. [54 Kg]/BOLT

OMEGA 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

SHEET TITLE: STRUCTURAL DETAILS
MODALITY TYPE: INNOVA 2100

PROJECT TITLE: ELECTROPHYSIOLOGY (EP) LAB
TYPICAL LAYOUT

PROJECT	REVISION
5-86	00
DATE:	02-24-09
DRAWN BY:	LLM
CHECKED BY:	TST

REVISION HISTORY:

SHEET
S2

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

ELECTRICAL PLAN

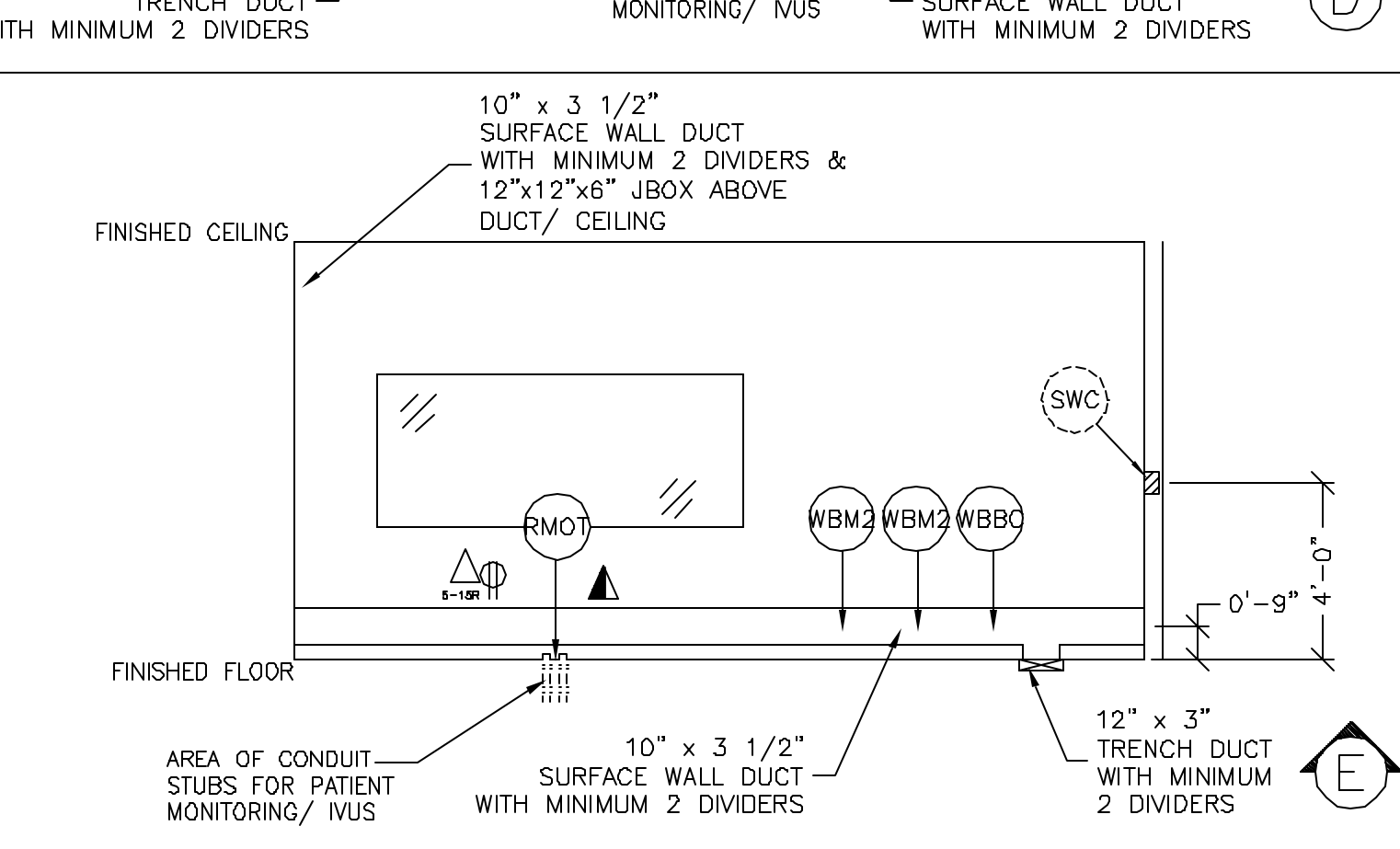
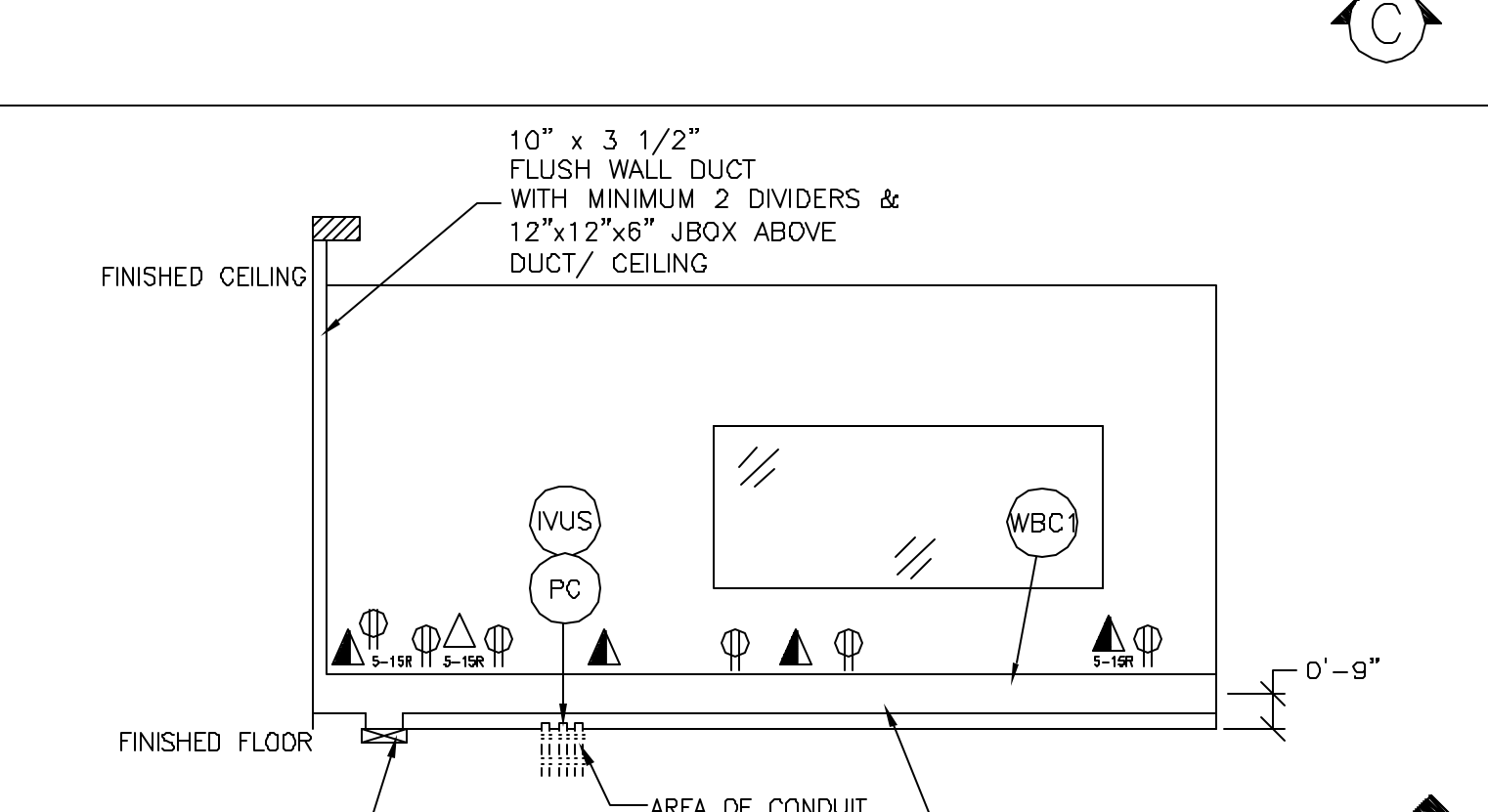
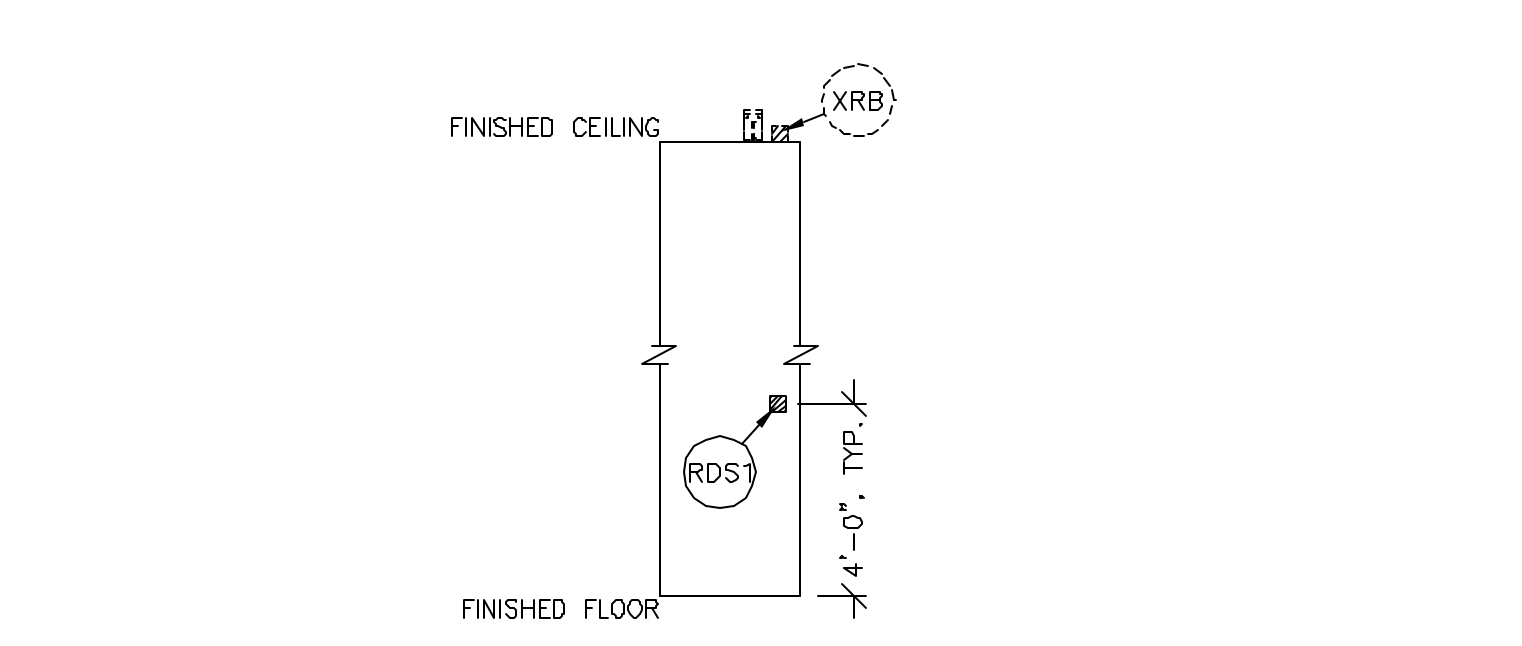
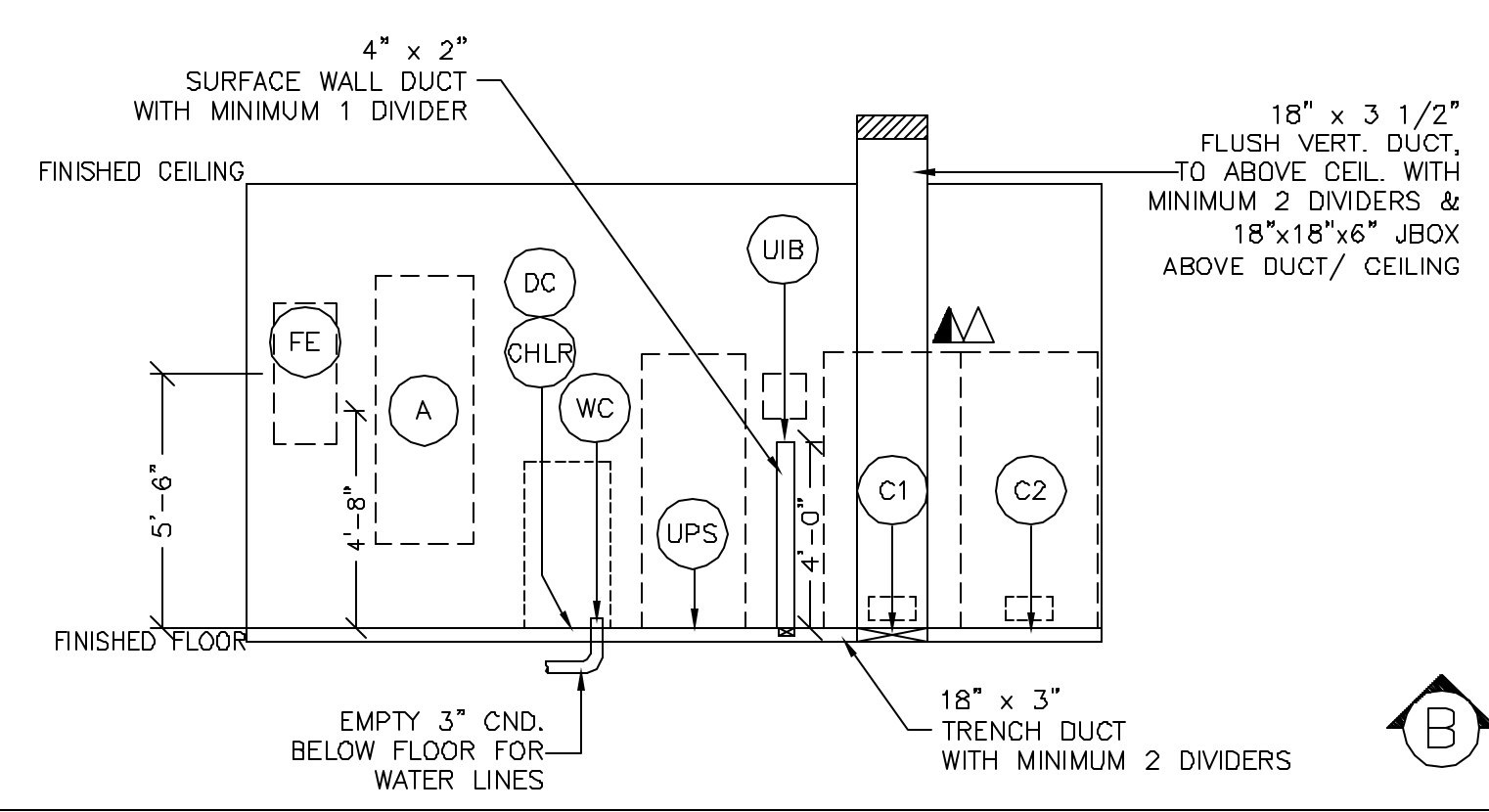
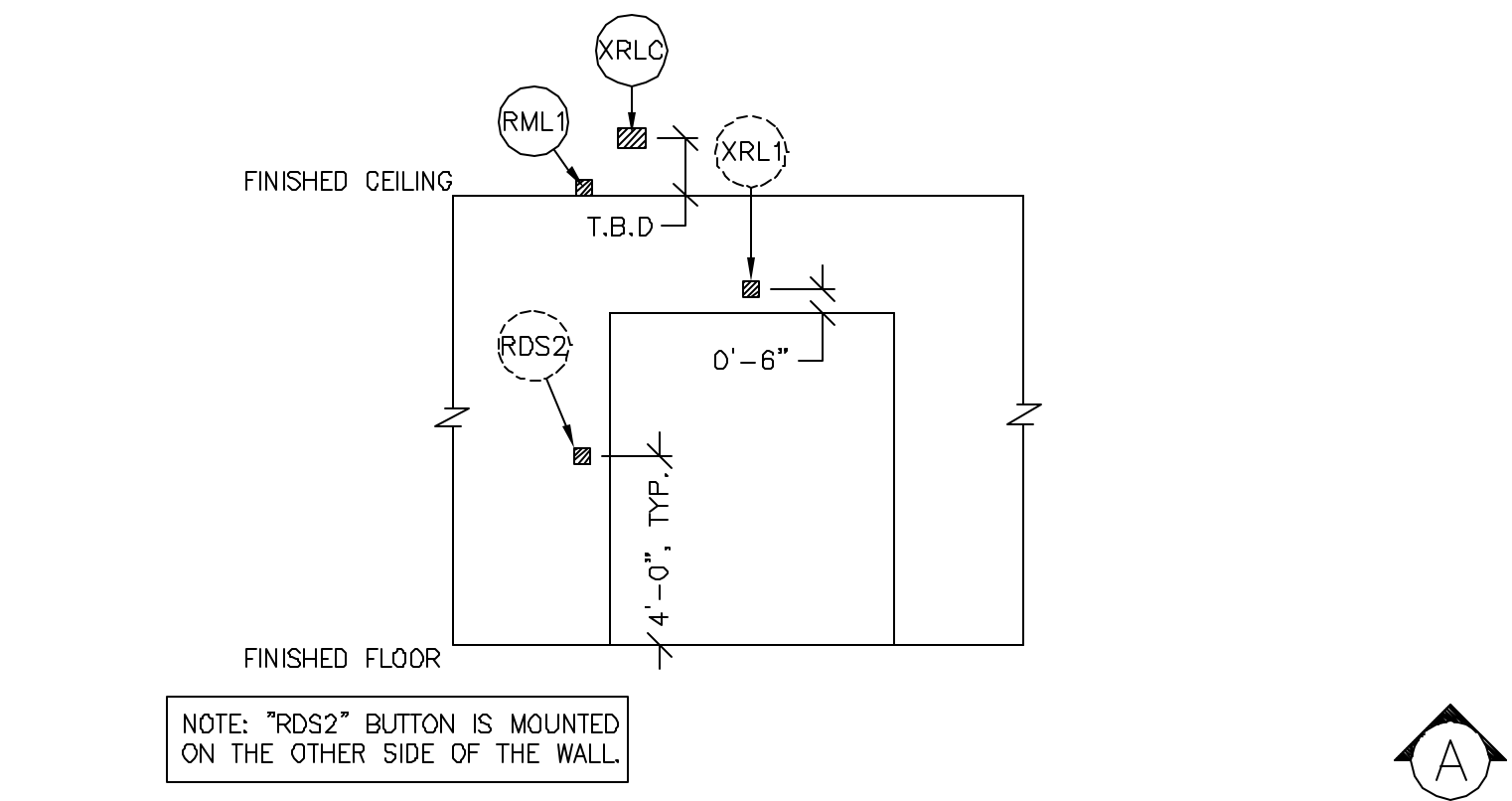
RECOMMENDED CEILING HEIGHT = 9'-6"

JUNCTION POINT DESCRIPTIONS

ELECTRICAL OUTLET LEGEND table with symbols for hospital grade outlets, telephone lines, network outlets, NEMA receptacles, and emergency outlets.

JUNCTION POINT NOTES: ALL JUNCTION BOXES, CONDUIT, DUCT, DUCT DIVIDERS, SWITCHES, CIRCUIT BREAKERS, ETC., ARE TO BE SUPPLIED AND INSTALLED BY CUSTOMER'S ELECTRICAL CONTRACTOR.

JUNCTION POINT DESCRIPTIONS table with columns for POINT, DESCRIPTION, QTY., HARDWARE, and DETAIL NO., SHEET. Lists items like MAIN DISCONNECT, AMPLIFIER, ATLAS CABINET, etc.

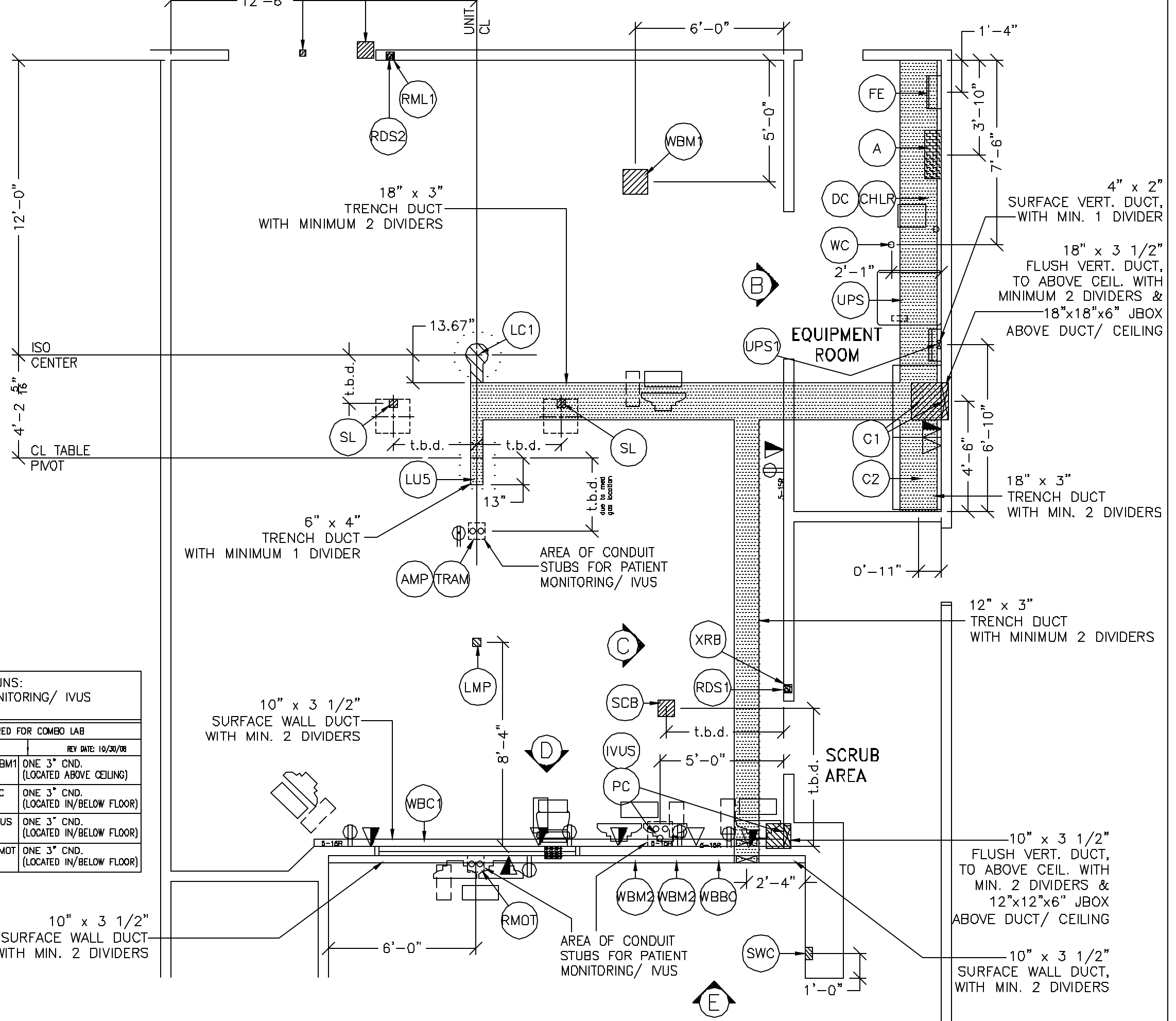


CONDUIT RUNS table listing connections between points (e.g., XRLC to XRL1) and required conduit sizes.

CONDUIT RUNS: PHYSIO MONITORING/ IVUS (BY GE) table listing connections for patient monitoring equipment.

FEEDER TABLE table with columns for RUN LENGTH IN FEET and various wire sizes (e.g., 324-396, 342-418).

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



CONTACT YOUR LOCAL CARDIO VASCULAR PROJECT MANAGER, INSTALLATIONS (CPMI) 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 CABLES BE USED EITHER BY COLORED WIRES OR COLORED TAPE.

CONTRACTOR SUPPLIED AND INSTALLED WIRING

Table detailing wiring specifications for 3 PHASE > FE, FE > A, and other connections, including wire size and color coding.

GE Healthcare Technologies logo and address: Installation Services Design Center, Milwaukee, Wisconsin.

ELECTRICAL LAYOUT sheet title and modality type: INNOVA 2100.

ELECTROPHYSIOLOGY (EP) LAB TYPICAL LAYOUT project title.

PROJECT: 5-86, REVISION: 00, DATE: 02-24-09, DRAWN BY: LLM, CHECKED BY: TST.

REVISION HISTORY table with columns for revision number and description.

SHEET E1.

INTERCONNECT DIAGRAM

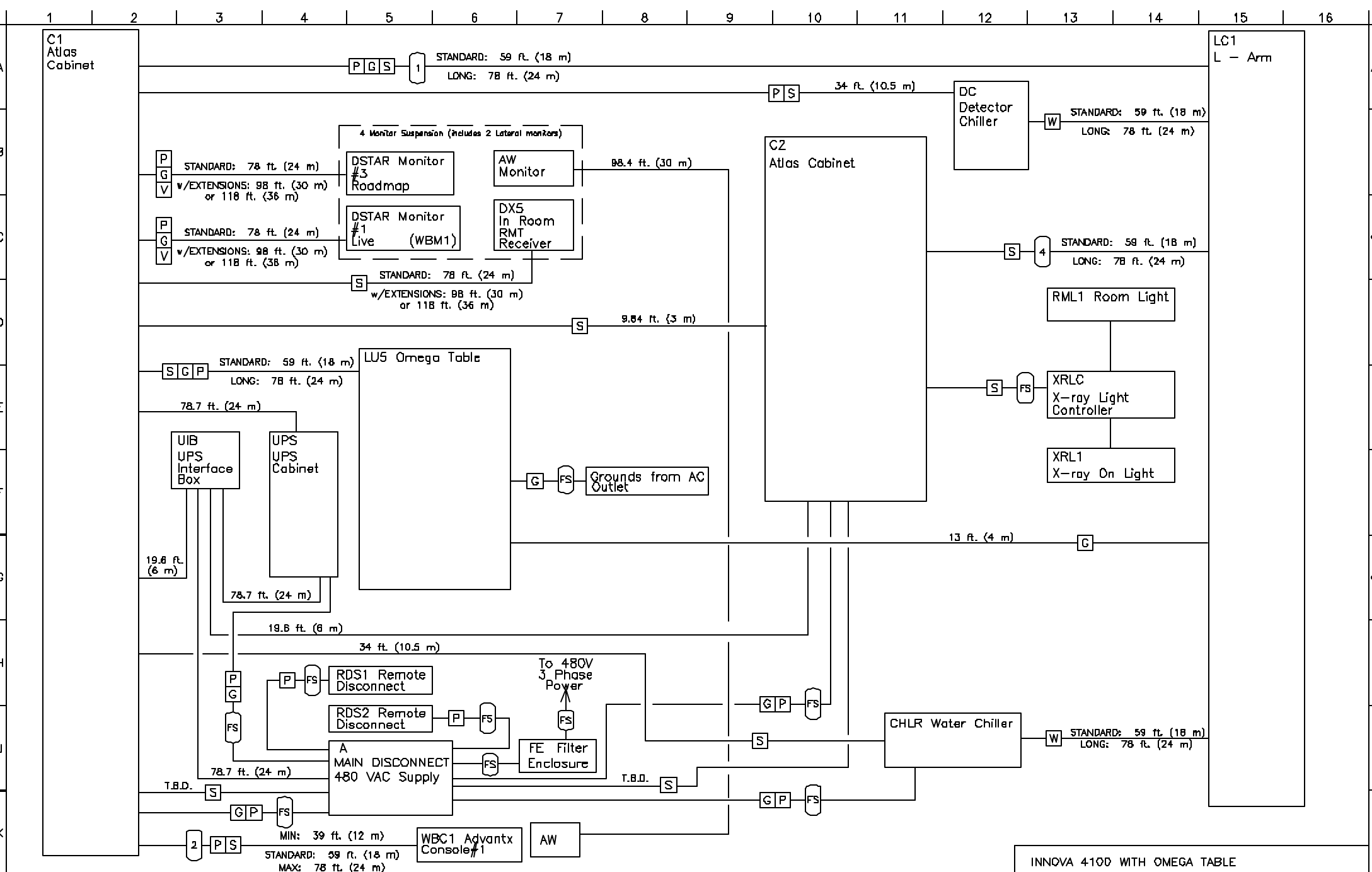


Diagram Legend:

- [S] = Signal Cables
- [V] = Video Cables
- [H] = High Voltage Cables
- [P] = Power Cables
- [G] = Ground Wires (Independent of Power Cables)
- [W] = Water Lines
- [M] = Cable Run Numbers
- [C] = Field Supplied Cables

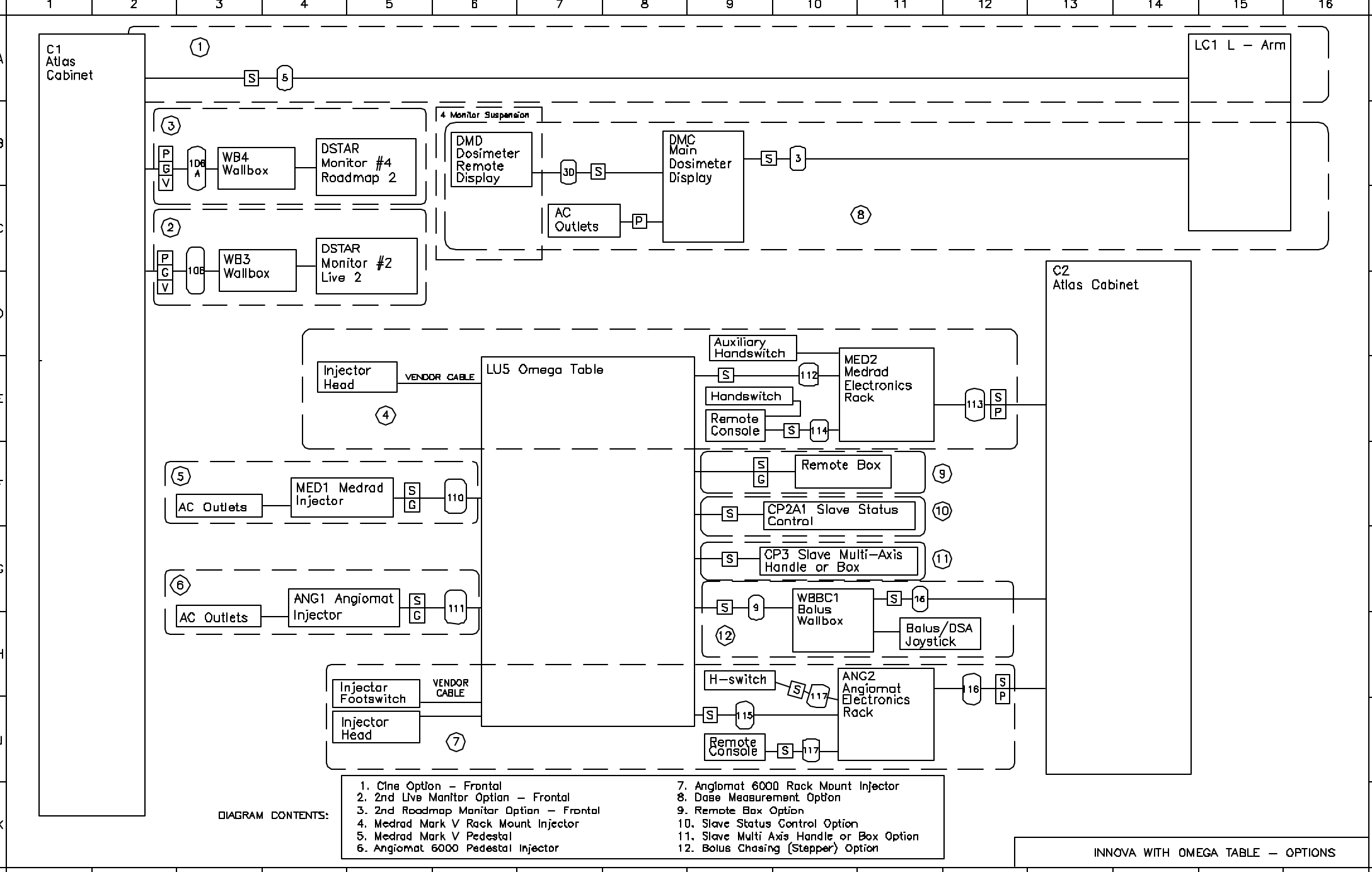


DIAGRAM CONTENTS:

1. Laser Multi-format Camera w/DUX3
2. Laser Multi-format Camera w/DUX3 & MMU
3. 3M Laser HO & HOS w/DUX3
4. Kodak 2180 Laser Multi-format camera w/DUX3
5. Exabyte Option

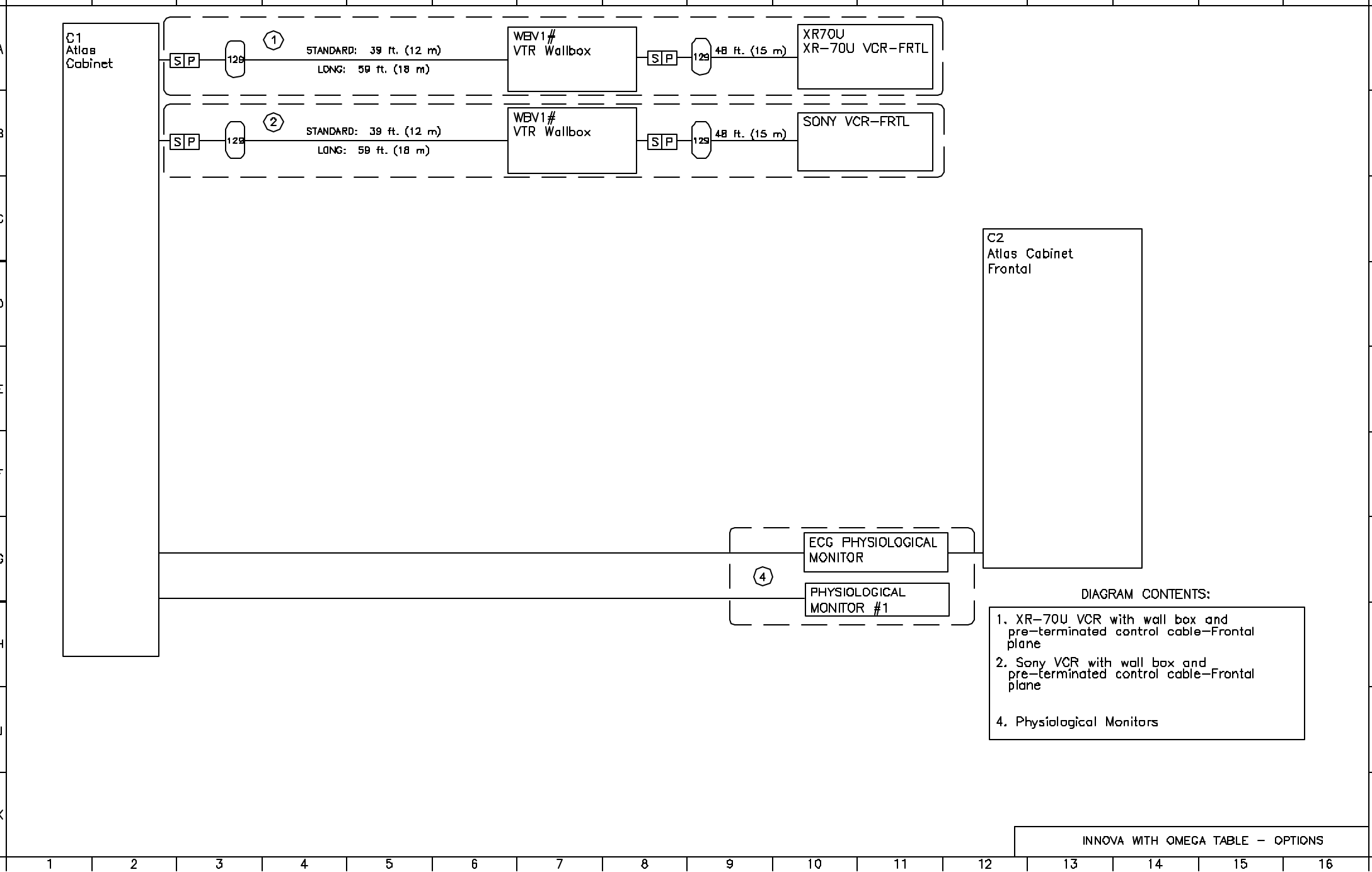


DIAGRAM CONTENTS:

1. XR-70U VCR with wall box and pre-terminated control cable-Frontal plane
2. Sony VCR with wall box and pre-terminated control cable-Frontal plane
4. Physiological Monitors

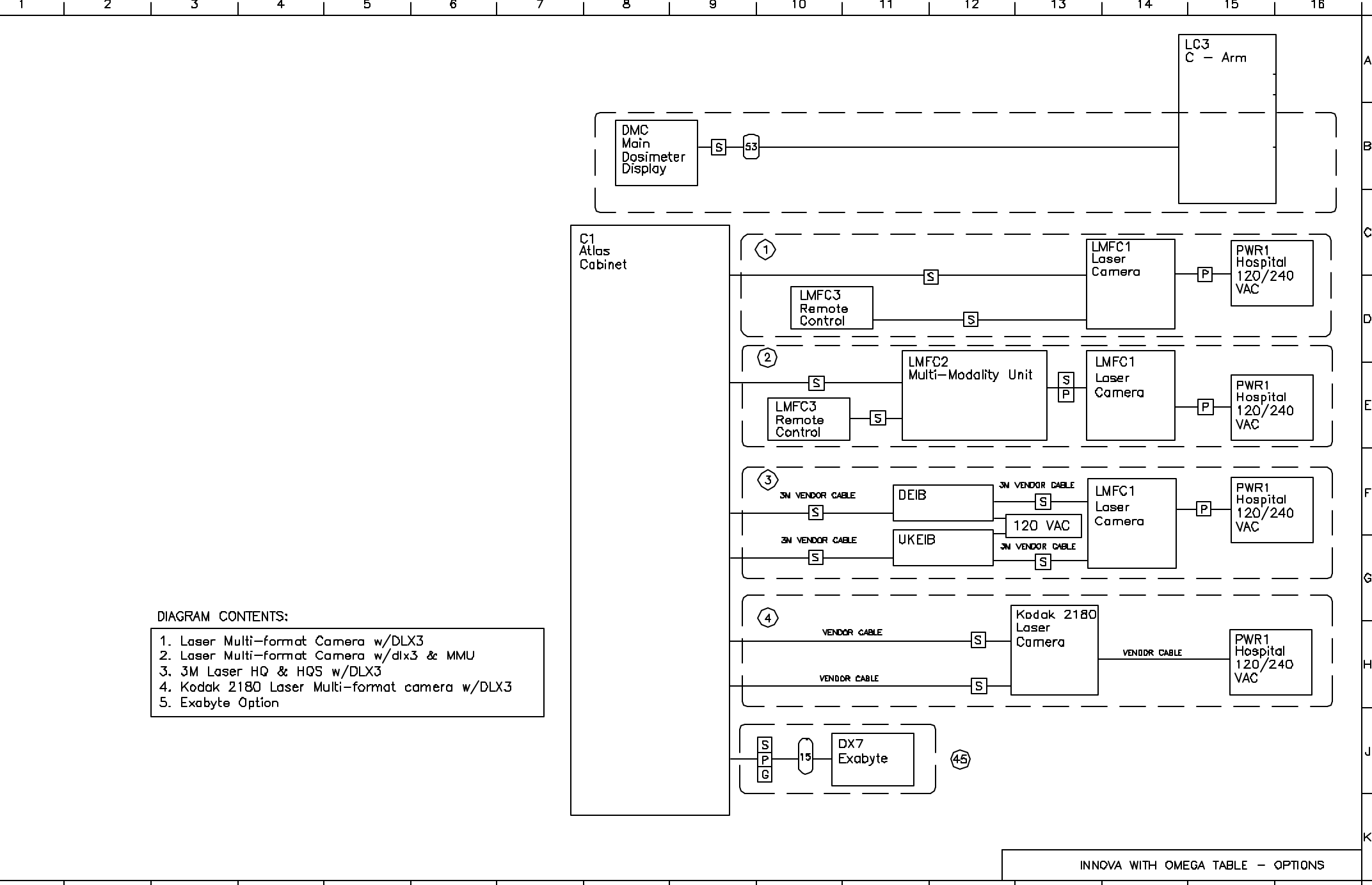
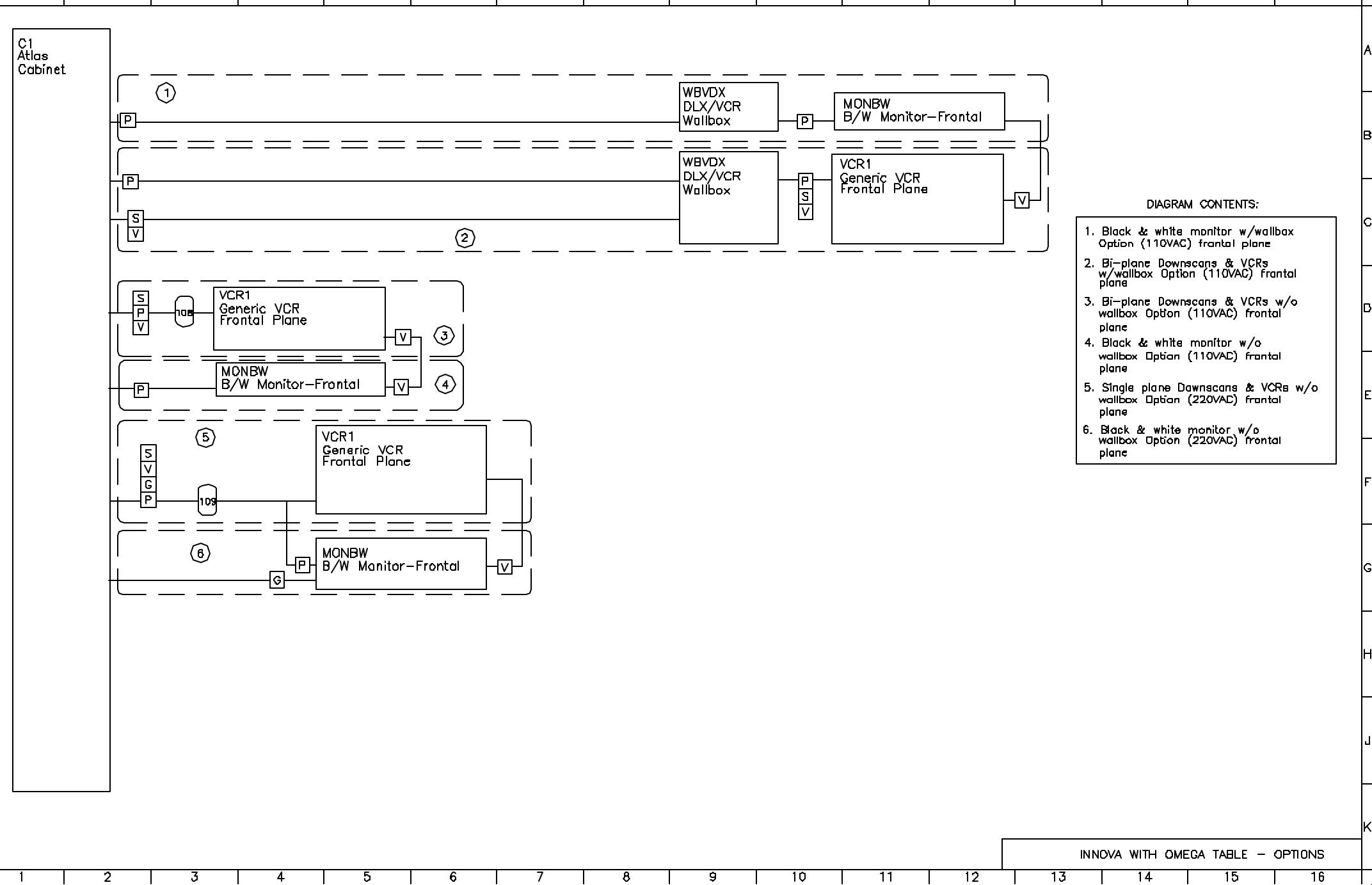


DIAGRAM CONTENTS:

1. Black & white monitor w/wallbox Option (110VAC) Frontal plane
2. Bi-plane Downscans & VCRs w/wallbox Option (110VAC) Frontal plane
3. Bi-plane Downscans & VCRs w/o wallbox Option (110VAC) Frontal plane
4. Black & white monitor w/o wallbox Option (110VAC) Frontal plane
5. Single plane Downscans & VCRs w/o wallbox Option (110VAC) Frontal plane
6. Black & white monitor w/o wallbox Option (220VAC) Frontal plane



POWER SPECIFICATIONS

INNOVA SYSTEMS
REV. DATE: 01/04/07

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.

NOMINAL VOLTAGE	NORMAL RANGE	CURRENT (AMPS)	
		MAX. MOMENTARY	CONTINUOUS
360	324-396	304	32
380	342-418	289	31
400	360-440	274	29
420	378-462	264	28
440	396-484	249	26
460	414-506	238	25
480	432-528	228	24

ALL CALCULATIONS BASED UPON NOMINAL VOLTAGE

NOTE 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)

DEMAND	ADVANTX
kVa * POWER FACTOR AT	171
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.

DISTRIB-TION TRANS-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.

GE Healthcare Technologies
Installation Services Design Center
Milwaukee, Wisconsin

SHEET TITLE: ELECTRICAL SPECIFICATIONS
MODALITY TYPE: INNOVA 2100

THIS PLAN IS SUBMITTED TO SUGGEST LOCATION OF GE HEALTHCARE EQUIPMENT AND ASSOCIATED APPARATUS, ELECTRICAL WIRING DETAILS AND ROOM ARRANGEMENTS. IT IS NOT TO BE USED FOR ACTUAL CONSTRUCTION PURPOSES. HOWEVER, THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE: ELECTROPHYSIOLOGY (EP) LAB
TYPICAL LAYOUT

PROJECT: 5-86
REVISION: 00

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

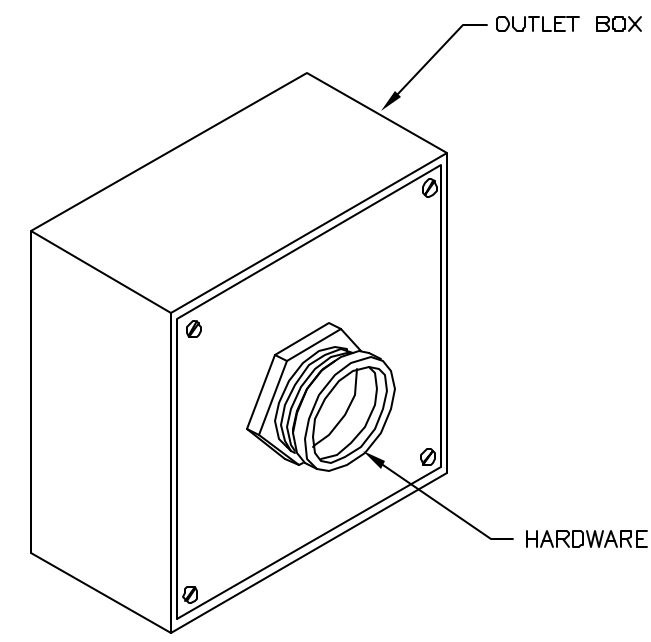
REVISION HISTORY:

SHEET
E2

ELECTRICAL DETAIL
BOX WITH COVERPLATE (TYPICAL)

ELEC-8

REV. DATE: 09/30/94

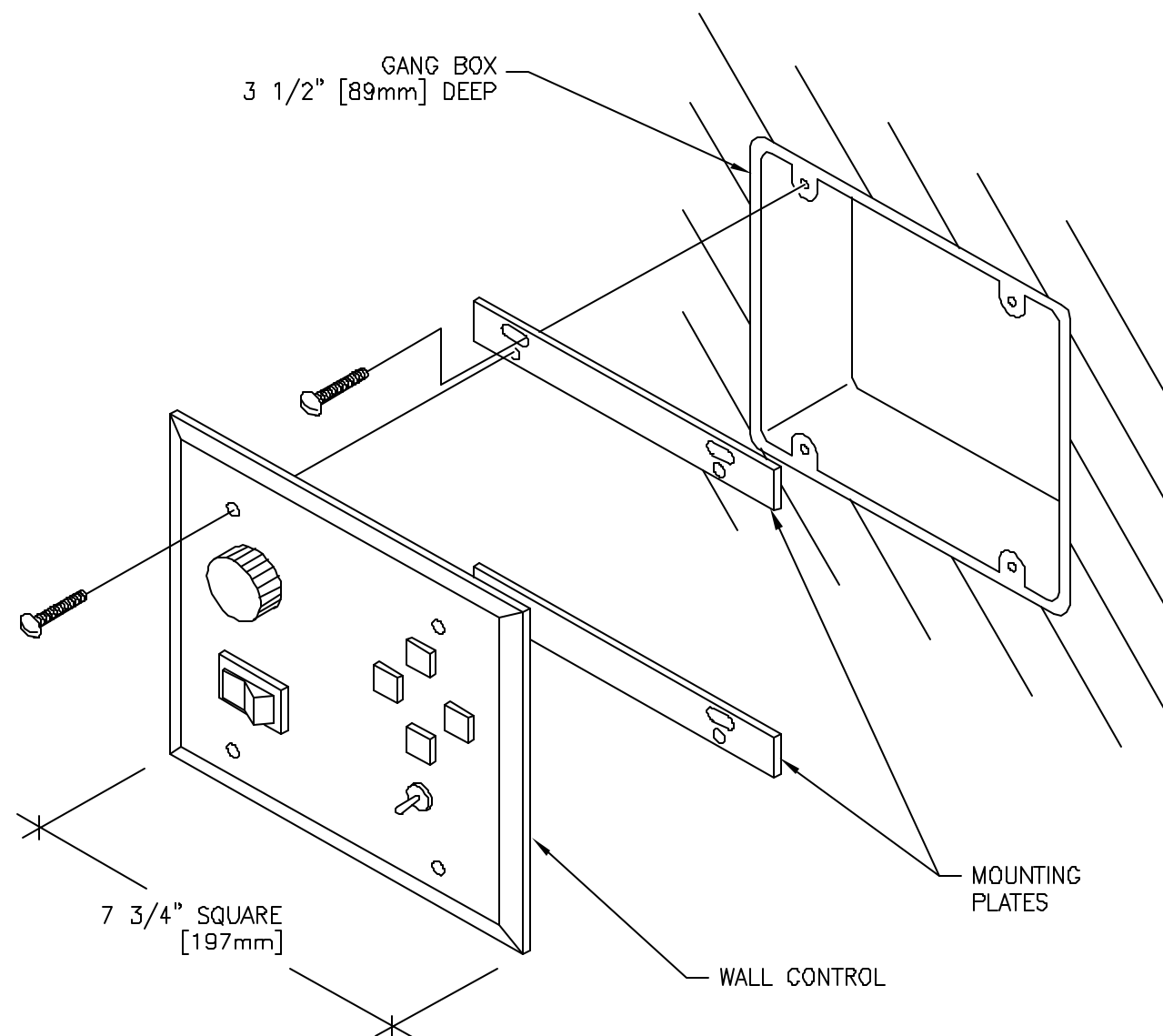


DETAIL NOT TO SCALE

ELECTRICAL DETAIL
SKYTRON INTENSITY AND POSITIONING WALL CONTROL

ELEC-124

REV. DATE: 08/04/08

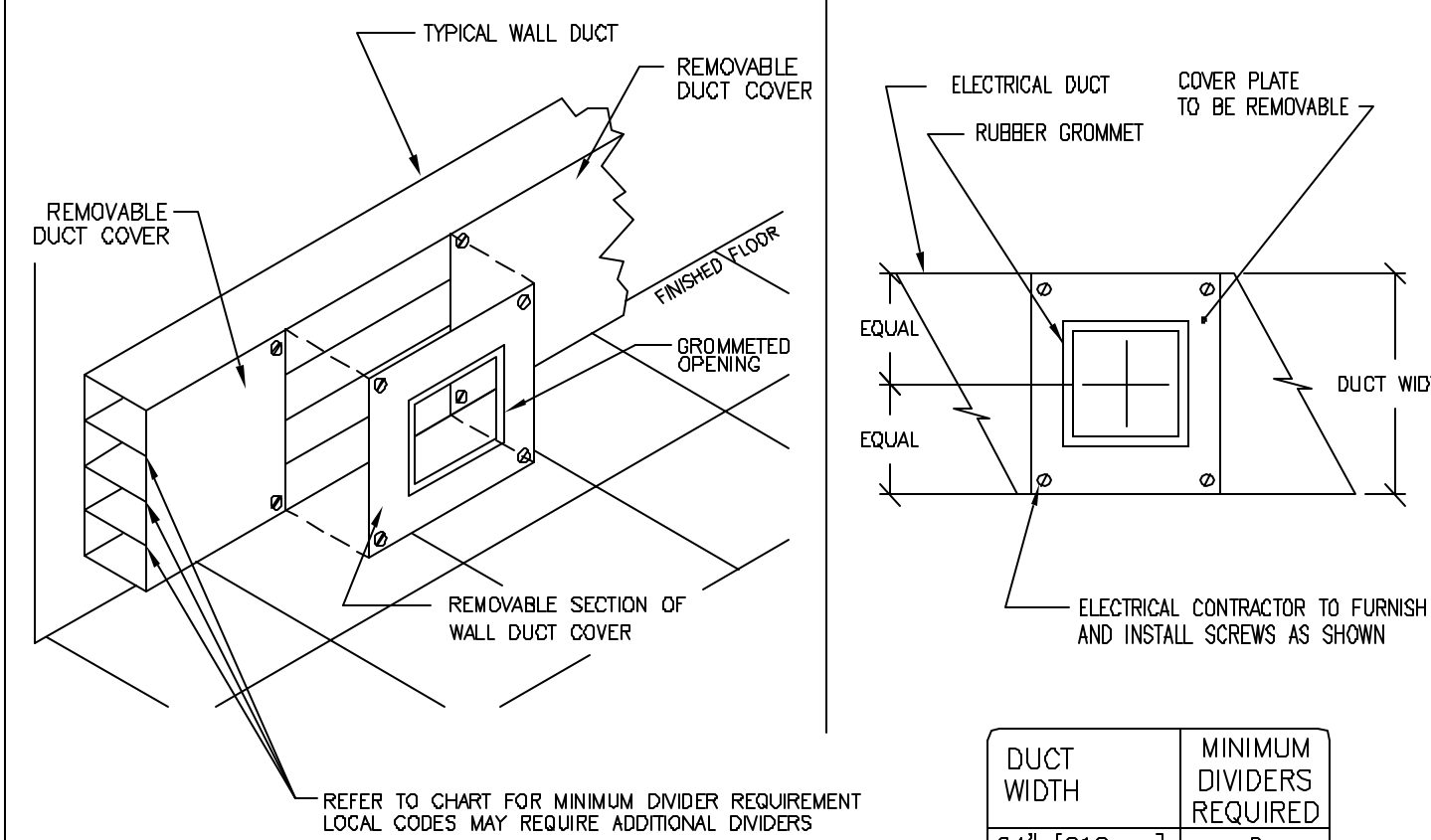


DETAIL NOT TO SCALE

ELECTRICAL DETAIL
HORIZONTAL WALL DUCT (TYPICAL)

ELEC-5

REV. DATE: 03/19/04



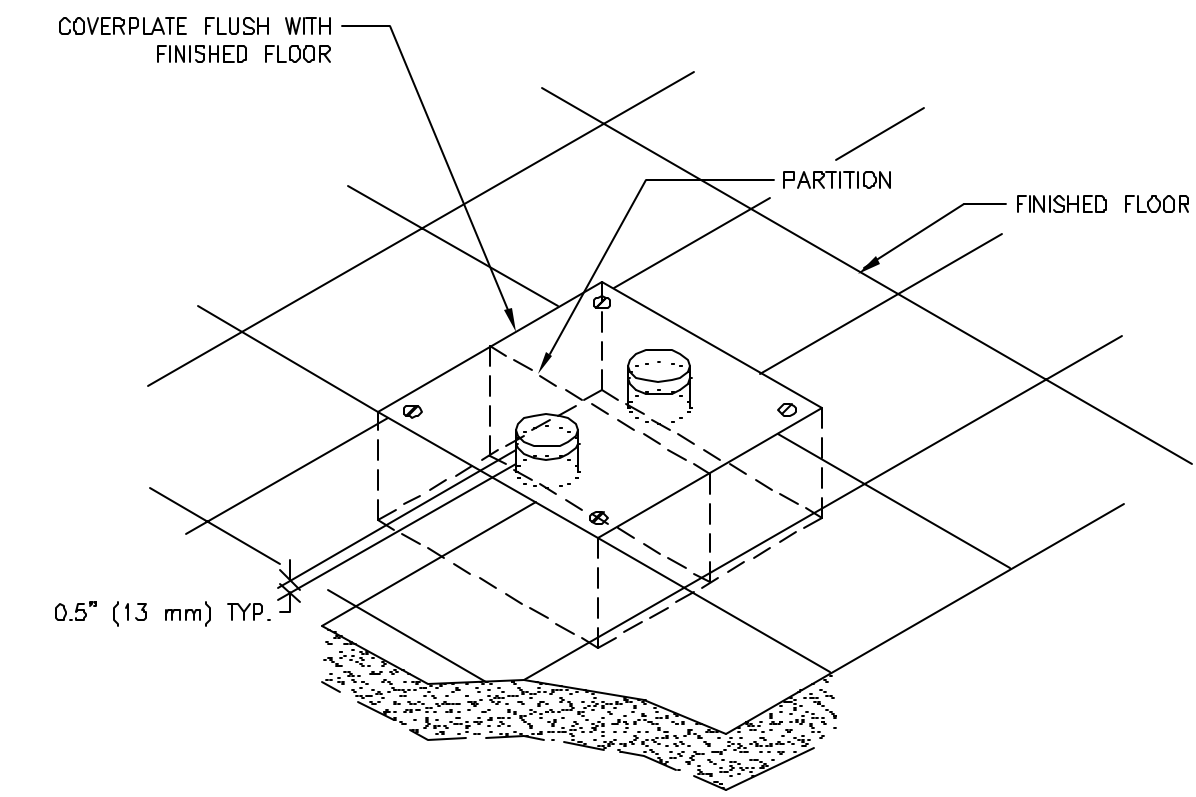
DETAIL NOT TO SCALE

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

ELECTRICAL DETAIL
FLOOR BOX WITH NIPPLES (TYPICAL)

ELEC-13

REV. DATE: 09/30/94

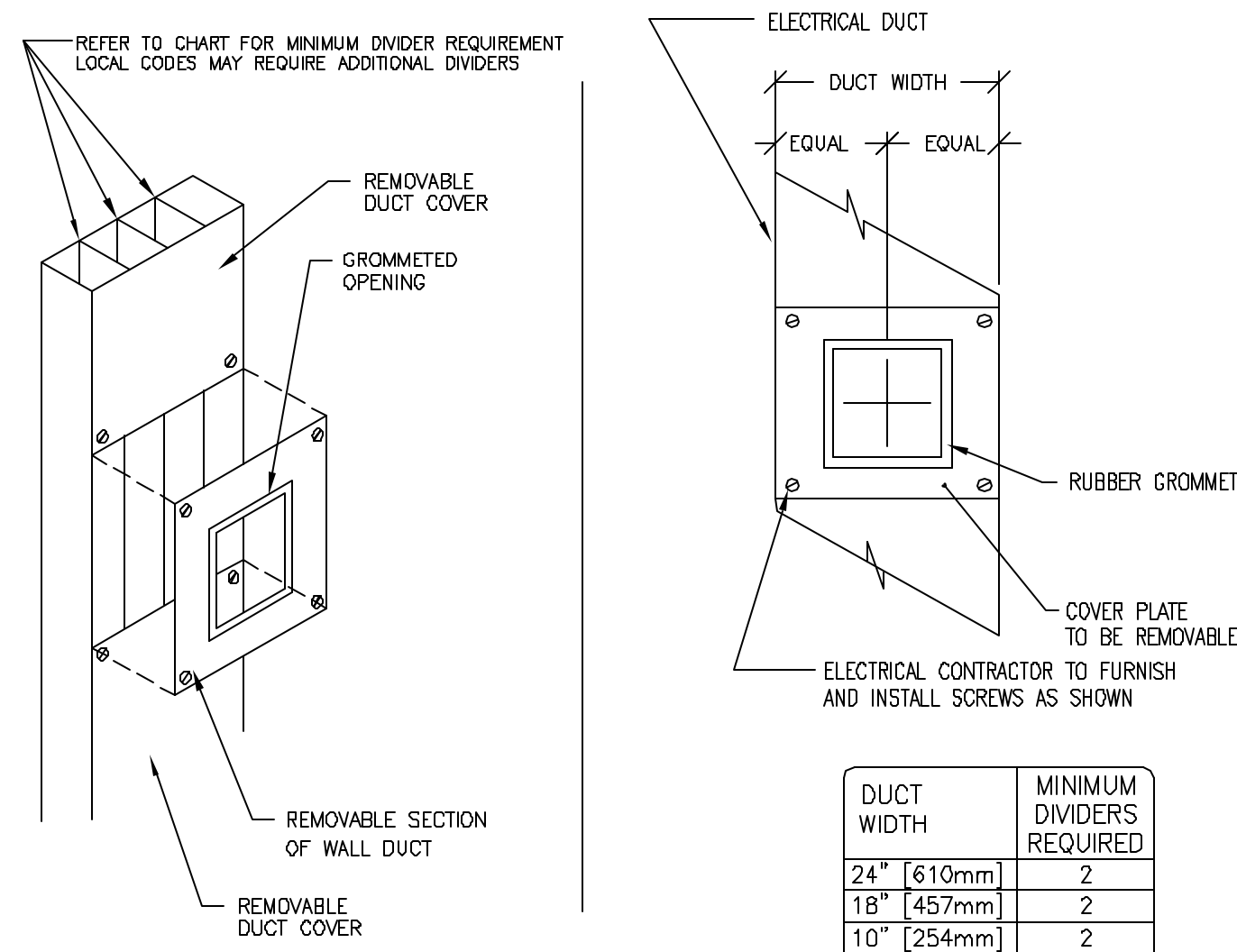


DETAIL NOT TO SCALE

ELECTRICAL DETAIL
VERTICAL WALL DUCT (TYPICAL)

ELEC-6

REV. DATE: 03/19/04



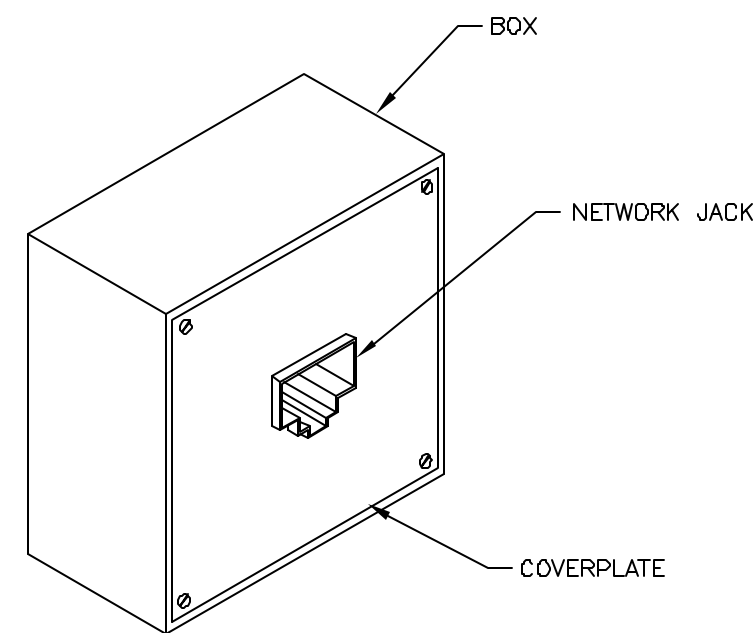
DETAIL NOT TO SCALE

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

ELECTRICAL DETAIL
BOX WITH COVERPLATE AND NETWORK JACK

ELEC-83

REV. DATE: 10/06/98

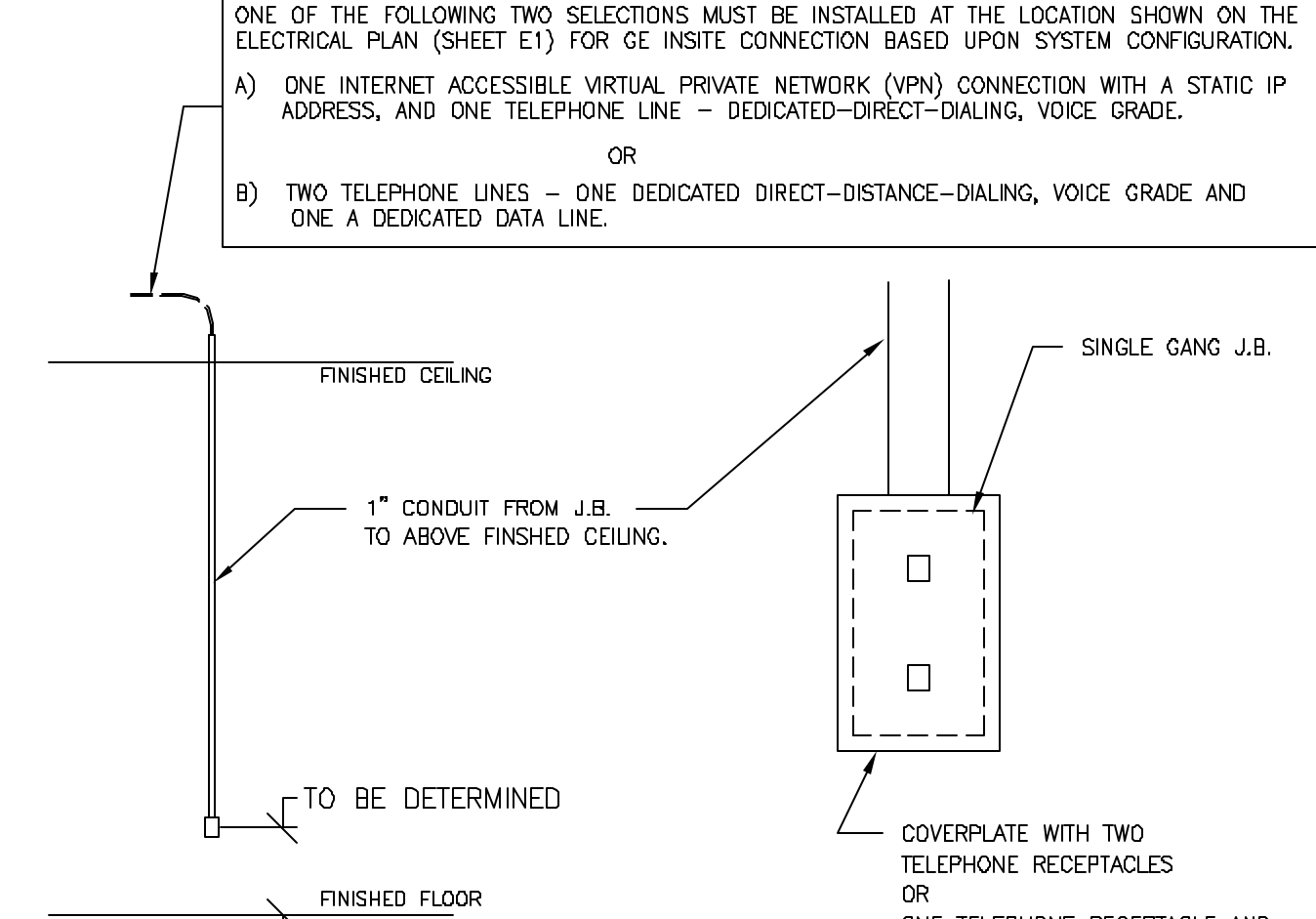


DETAIL NOT TO SCALE

ELECTRICAL DETAIL
INSITE CONNECTION (TYPICAL)

ELEC-1

REV. DATE: 04/24/02



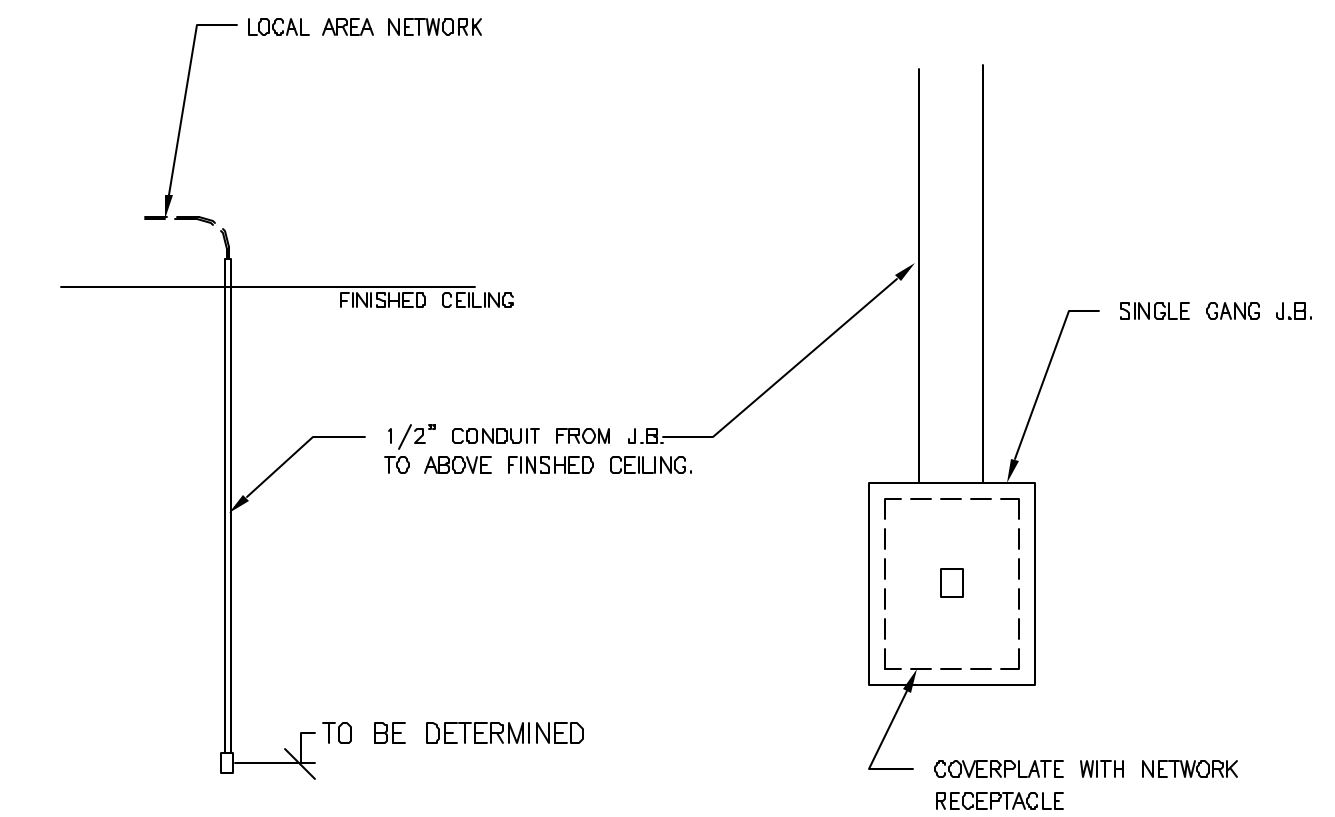
ALL ITEMS ILLUSTRATED ARE TO BE FURNISHED AND INSTALLED BY CUSTOMER OR THEIR CONTRACTOR.

DETAIL NOT TO SCALE

ELECTRICAL DETAIL
NETWORK CONNECTION (TYPICAL)

ELEC-84

REV. DATE: 03/06/04

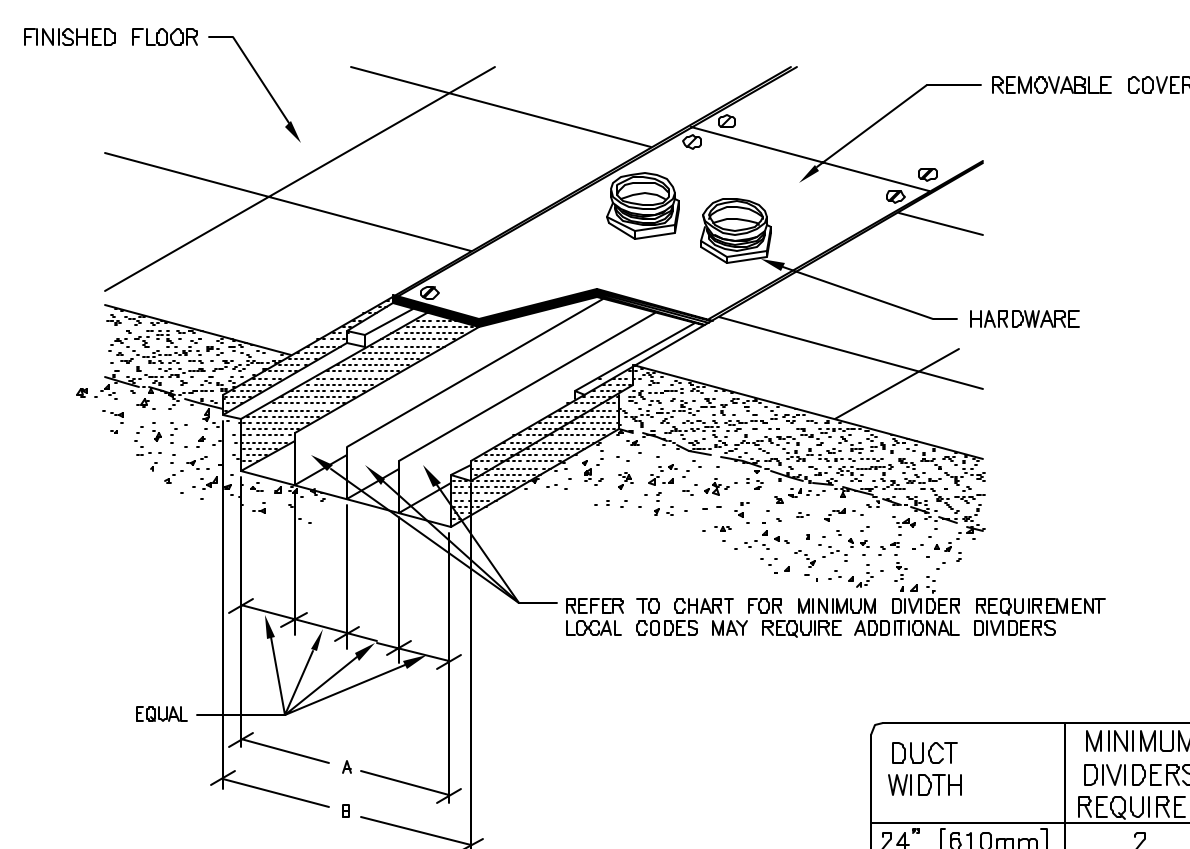


DETAIL NOT TO SCALE

ELECTRICAL DETAIL
FLUSH FLOOR DUCT (TYPICAL)

ELEC-25

REV. DATE: 4/01/04



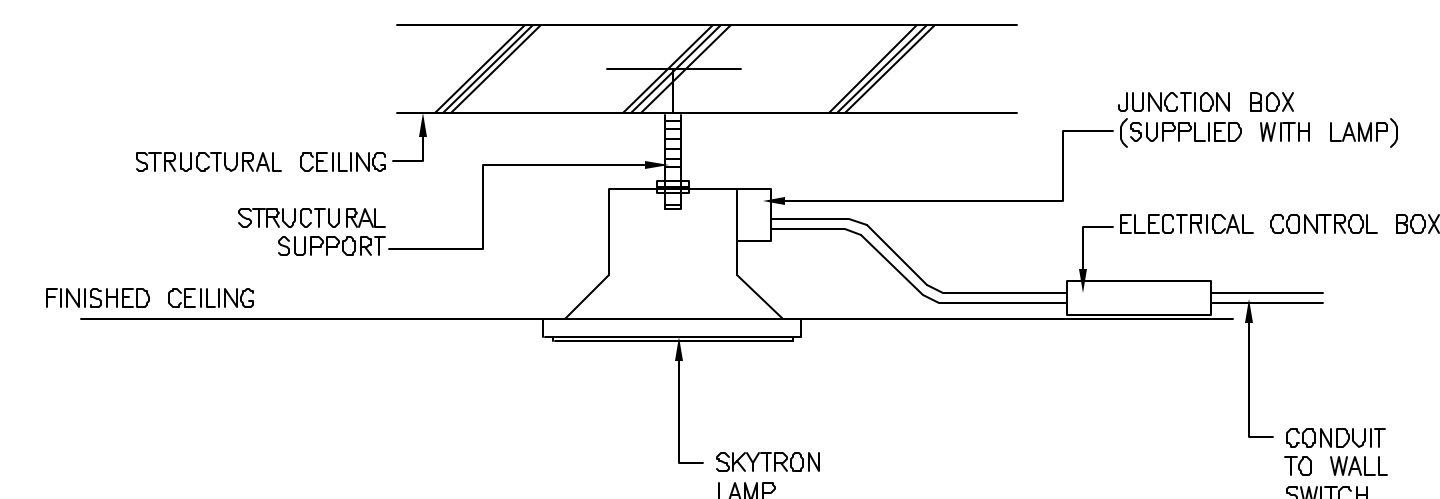
DETAIL NOT TO SCALE

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

ELECTRICAL DETAIL
SKYTRON LIGHTING UNIT

ELEC-98

REV. DATE: 08/04/08

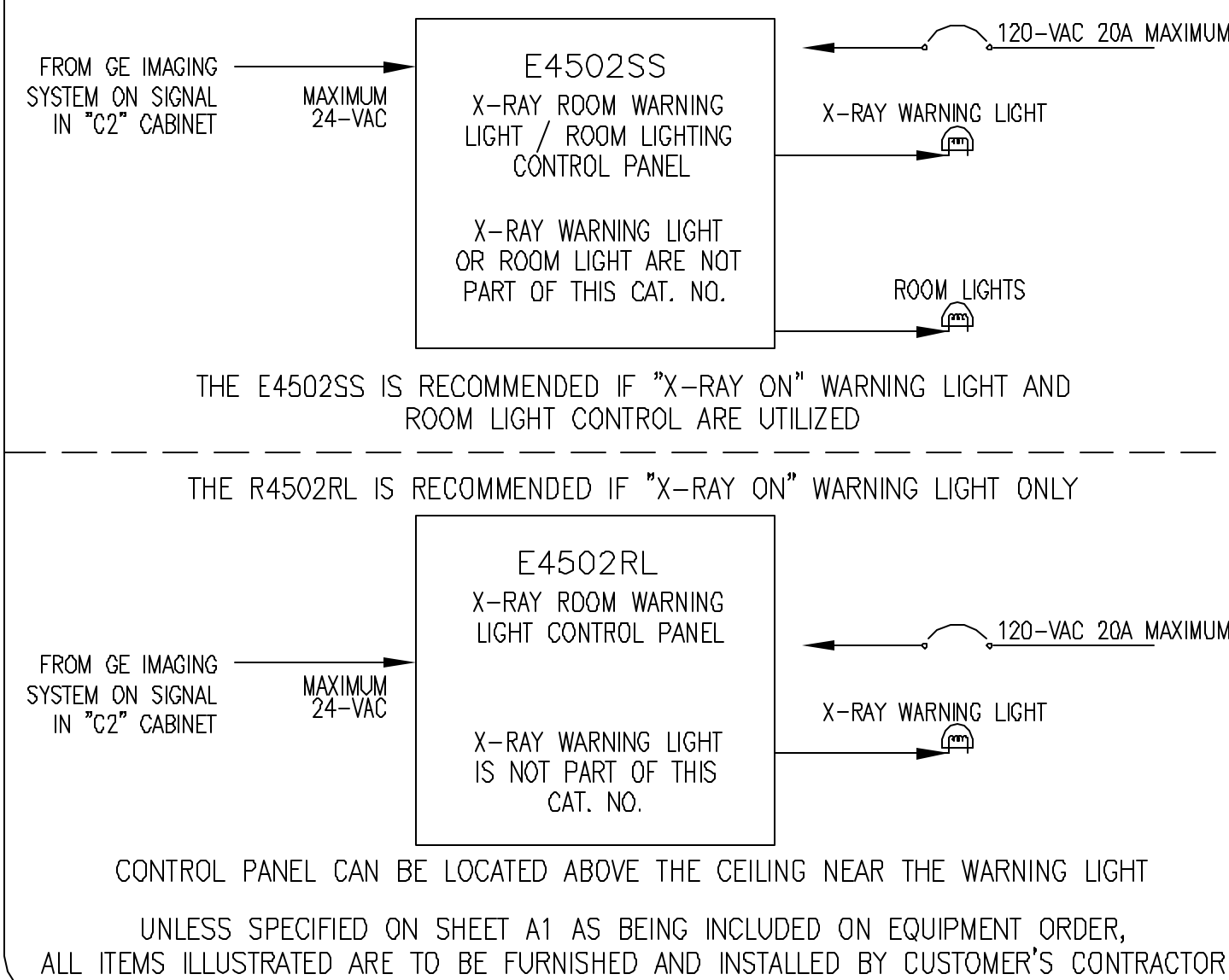


DETAIL NOT TO SCALE

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

ELEC-157

REV. DATE: 08/28/08

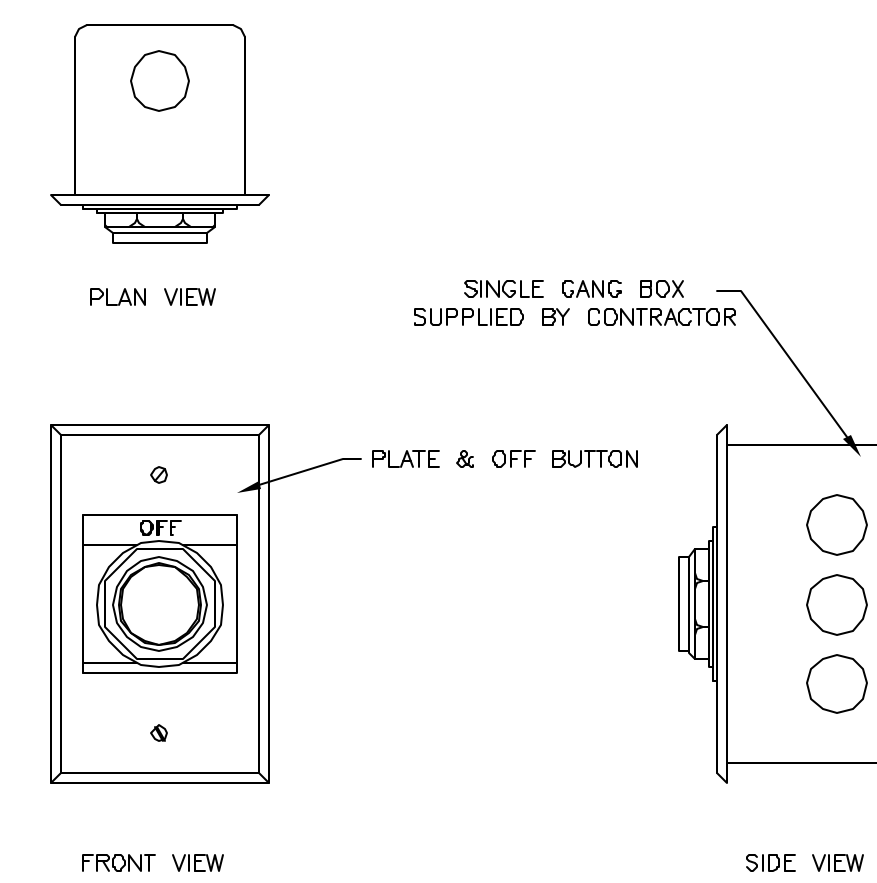


CONTROL PANEL CAN BE LOCATED ABOVE THE CEILING NEAR THE WARNING LIGHT
UNLESS SPECIFIED ON SHEET A1 AS BEING INCLUDED ON EQUIPMENT ORDER,
ALL ITEMS ILLUSTRATED ARE TO BE FURNISHED AND INSTALLED BY CUSTOMER'S CONTRACTOR

ELECTRICAL DETAIL
EMERGENCY OFF BUTTON

ELEC-16

REV. DATE: 08/22/05

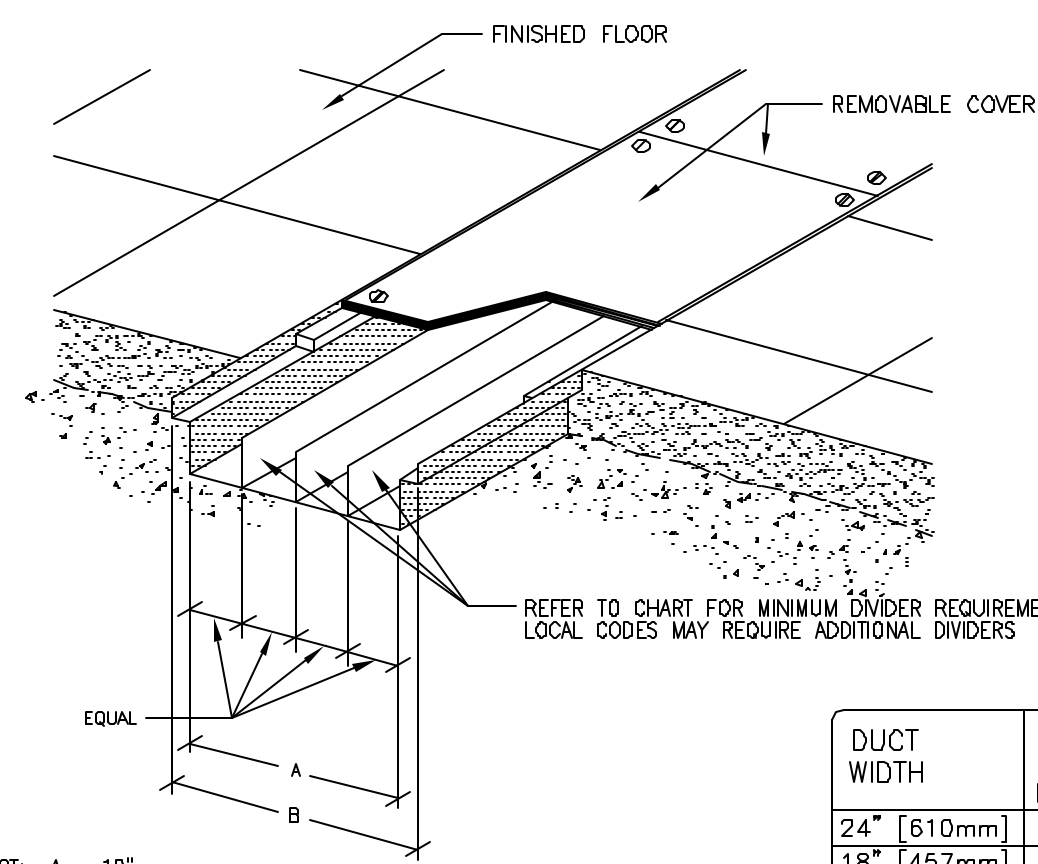


DETAIL NOT TO SCALE

ELECTRICAL DETAIL
FLUSH FLOOR DUCT (TYPICAL)

ELEC-3

REV. DATE: 4/01/04



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

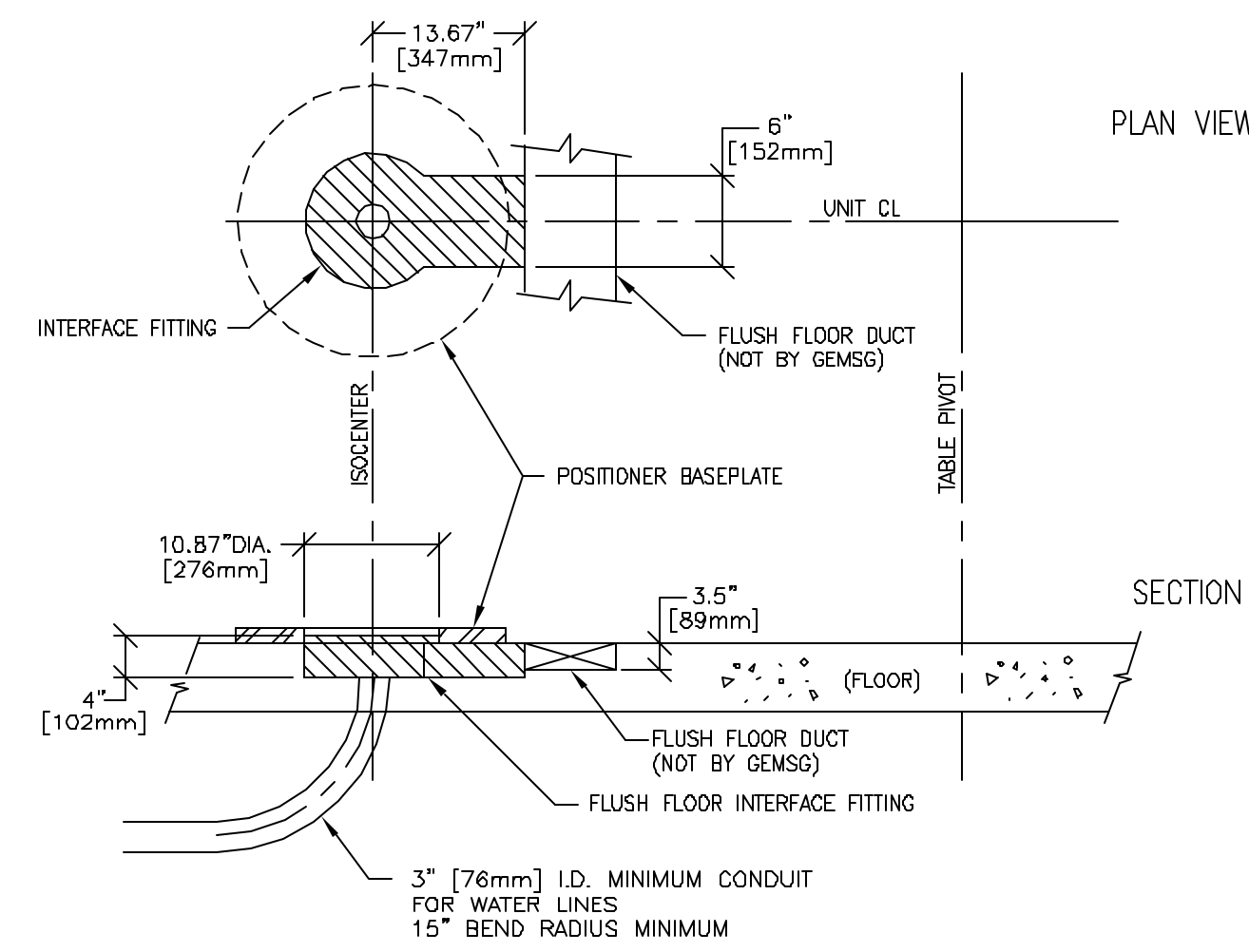
DUCT WIDTH	MINIMUM DIVIDERS REQUIRED
24" [610mm]	2
18" [457mm]	2
10" [254mm]	2
6" [152mm]	1
4" [102mm]	1

DETAIL NOT TO SCALE

ELECTRICAL DETAIL
POSITIONER INTERCONNECT DETAIL, FLUSH IN FLOOR

ELEC-101

REV. DATE: 01/07/04



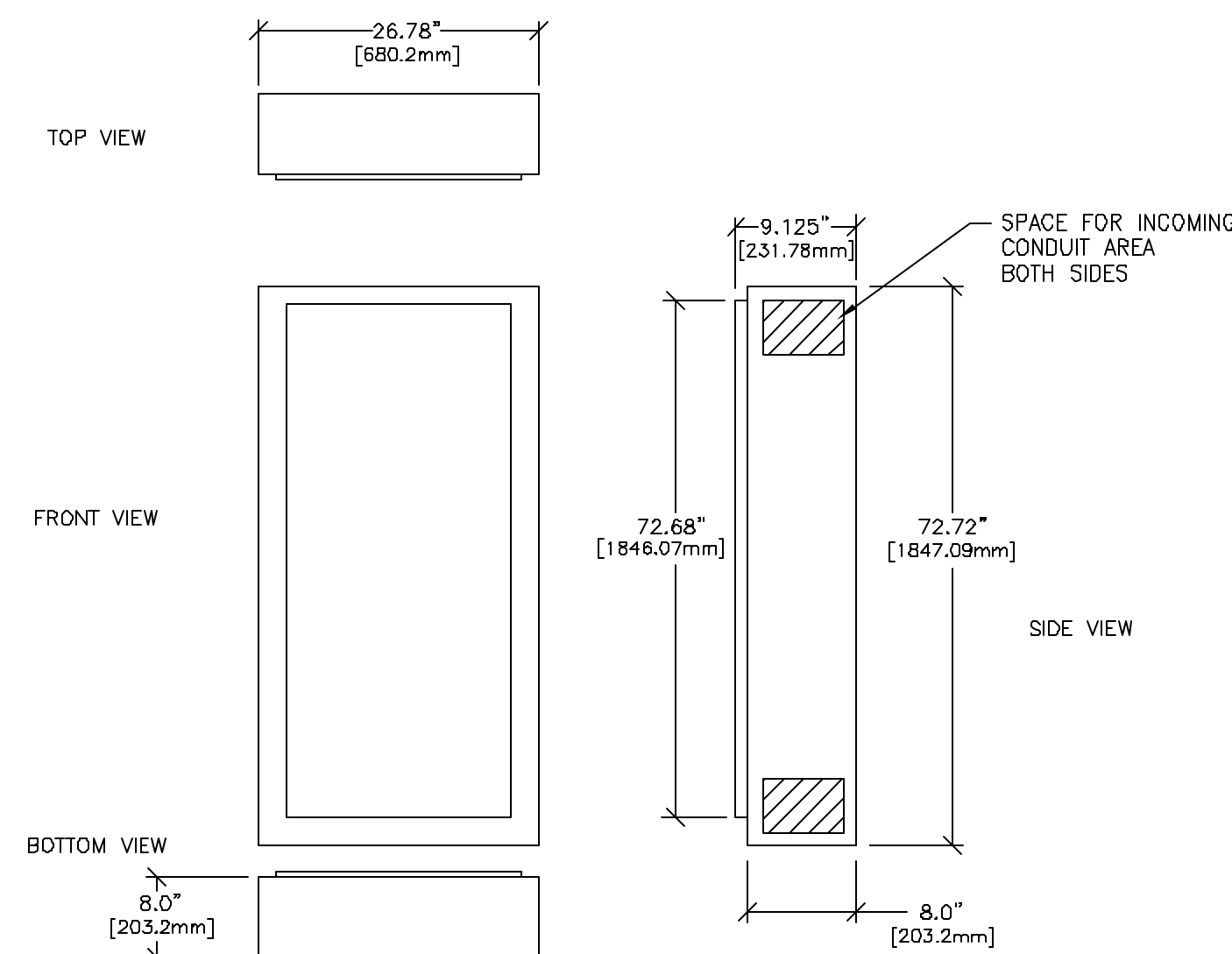
NOTE: FLUSH FLOOR INTERFACE FITTING IS PART OF GE INSTALLATION KIT CAT. NO. B5079BC AND IS TO BE INSTALLED BY CUSTOMER OR CUSTOMER'S CONTRACTOR

DETAIL NOT TO SCALE

ELECTRICAL DETAIL
INNOVA 2100 MAIN DISCONNECT PANEL

ELEC-142

REV. DATE: 12/13/05

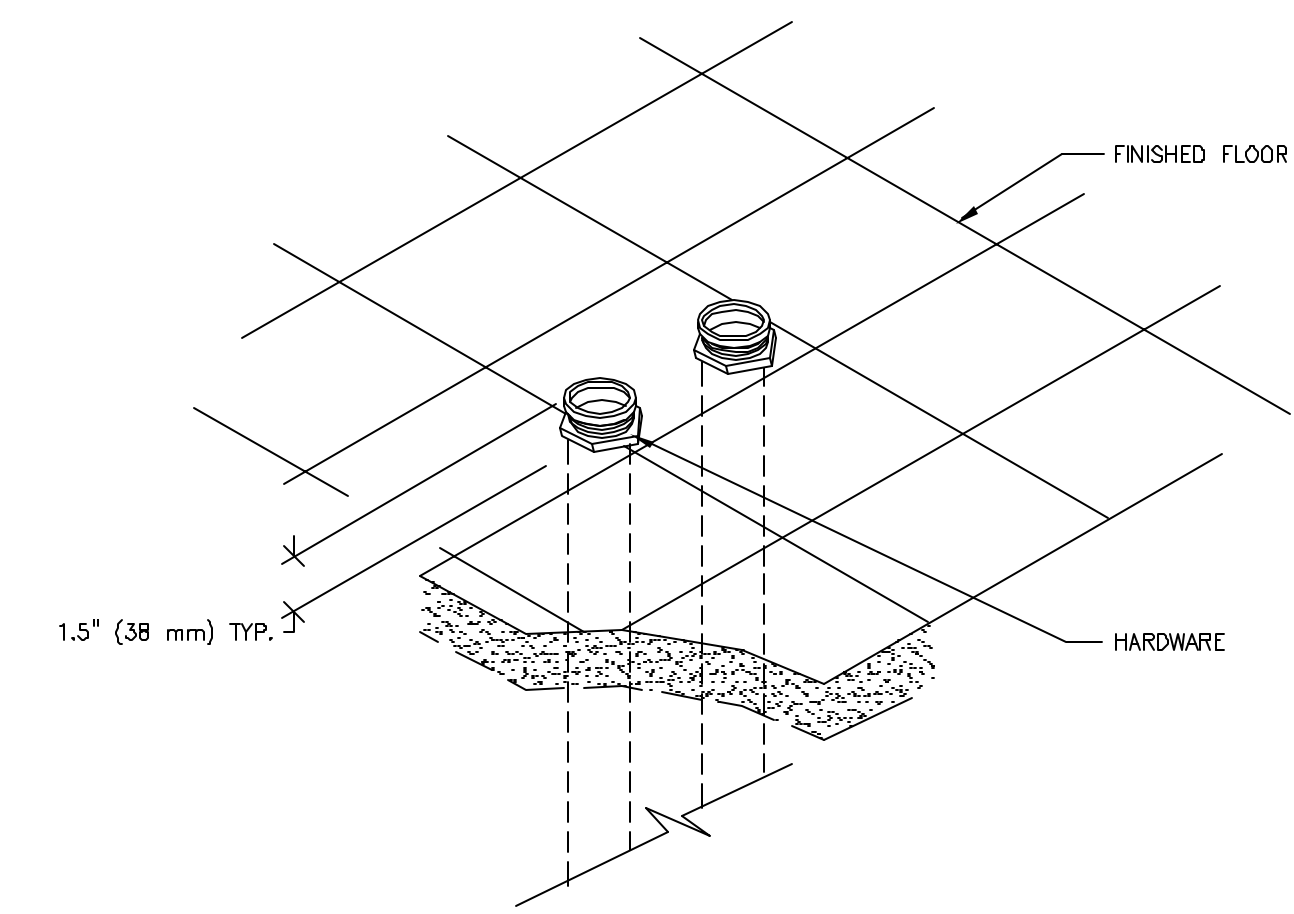


DETAIL NOT TO SCALE

ELECTRICAL DETAIL
CONDUITS THRU-FLOOR (TYPICAL)

ELEC-9

REV. DATE: 08/08/94

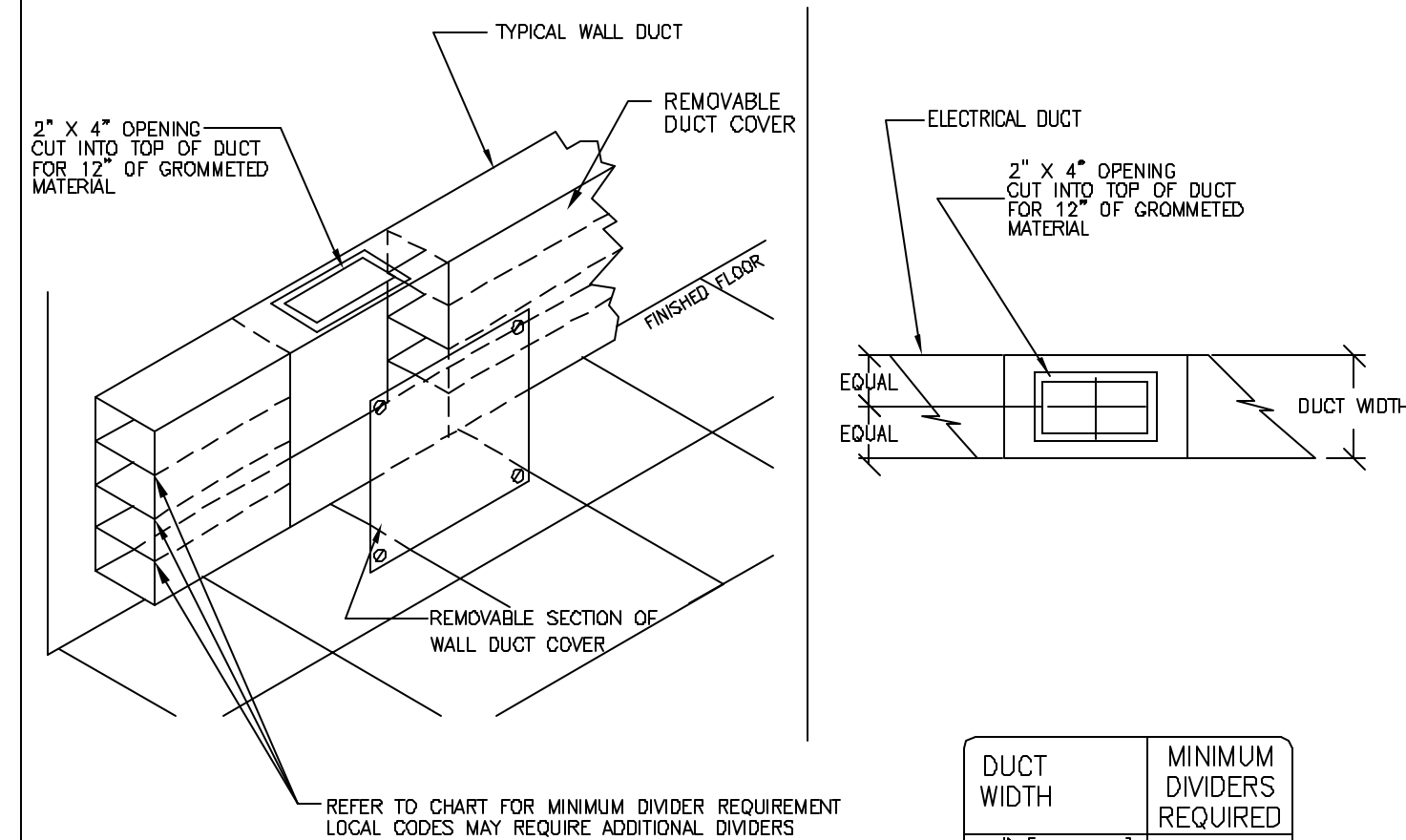


DETAIL NOT TO SCALE

ELECTRICAL DETAIL
HORIZONTAL WALL DUCT (TYPICAL)

ELEC-5A

REV. DATE: 06/16/08



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

SHEET TITLE: ELECTRICAL DETAILS
MODALITY TYPE: INNOVA 2100

THIS PLAN IS SUBMITTED TO SUGGEST LOCATION OF GE HEALTHCARE EQUIPMENT AND ASSOCIATED APARTS, ELECTRICAL WIRING DETAILS AND ROOM ARRANGEMENTS. IT IS NOT TO BE USED FOR ACTUAL CONSTRUCTION PURPOSES. HOWEVER, THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE:
ELECTROPHYSIOLOGY
(EP) LAB
TYPICAL LAYOUT

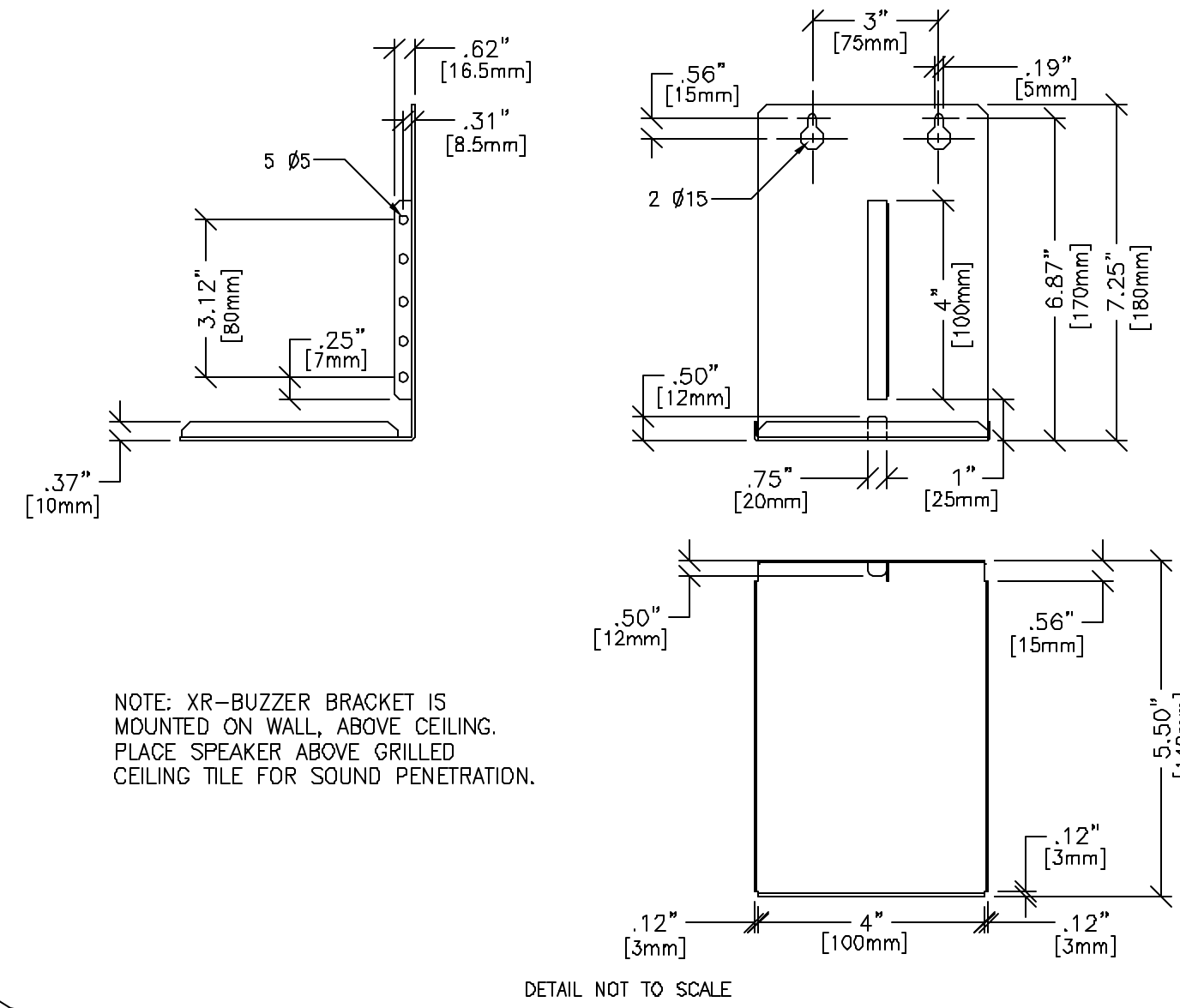
PROJECT	REVISION
5-86	OD
DATE:	02-24-09
DRAWN BY:	LLM
CHECKED BY:	TST

REVISION HISTORY:

SHEET
E4

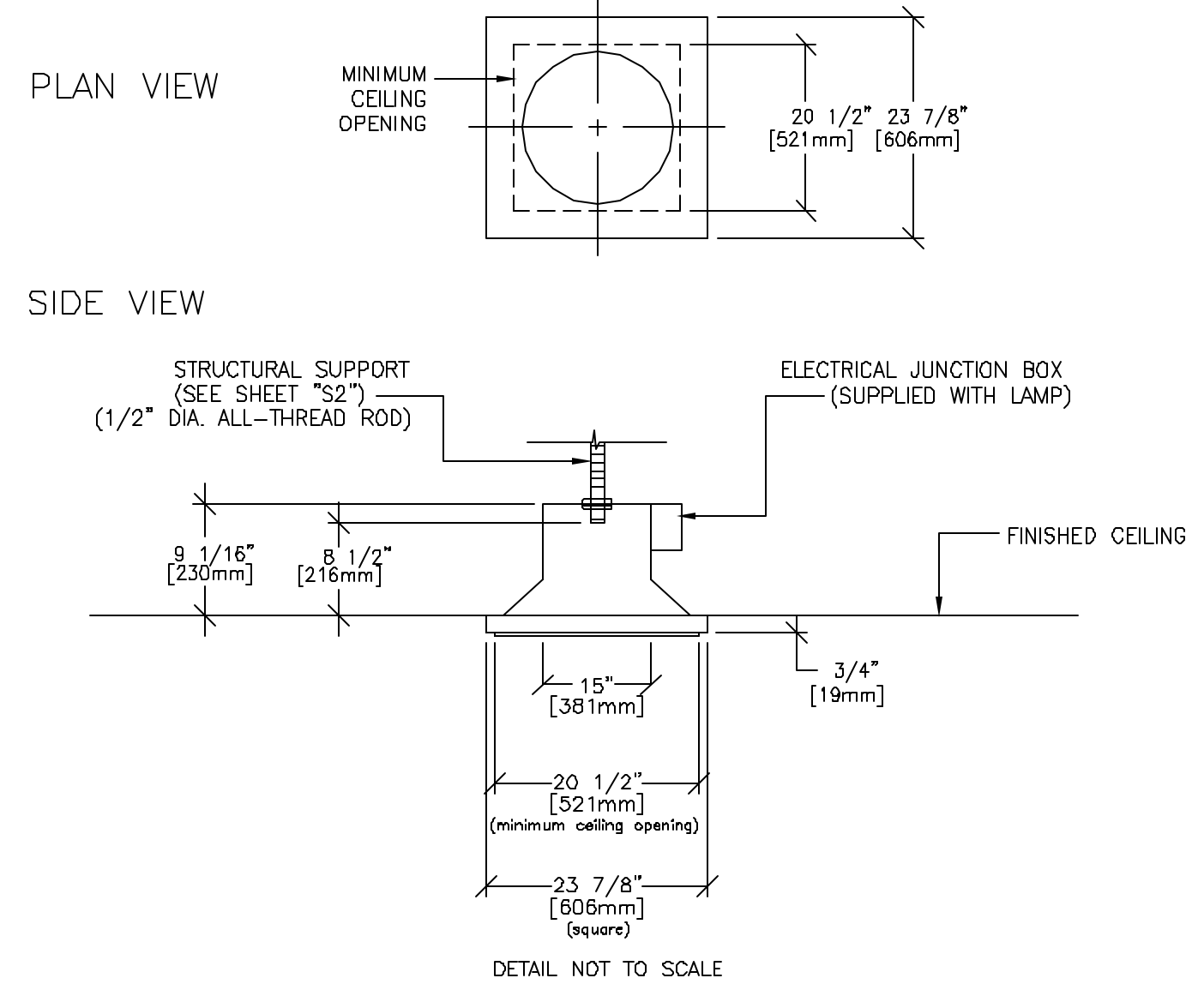
EQUIPMENT DETAIL
XR-BUZZER BRACKET

B5150H
REV. 00: 10/14/08



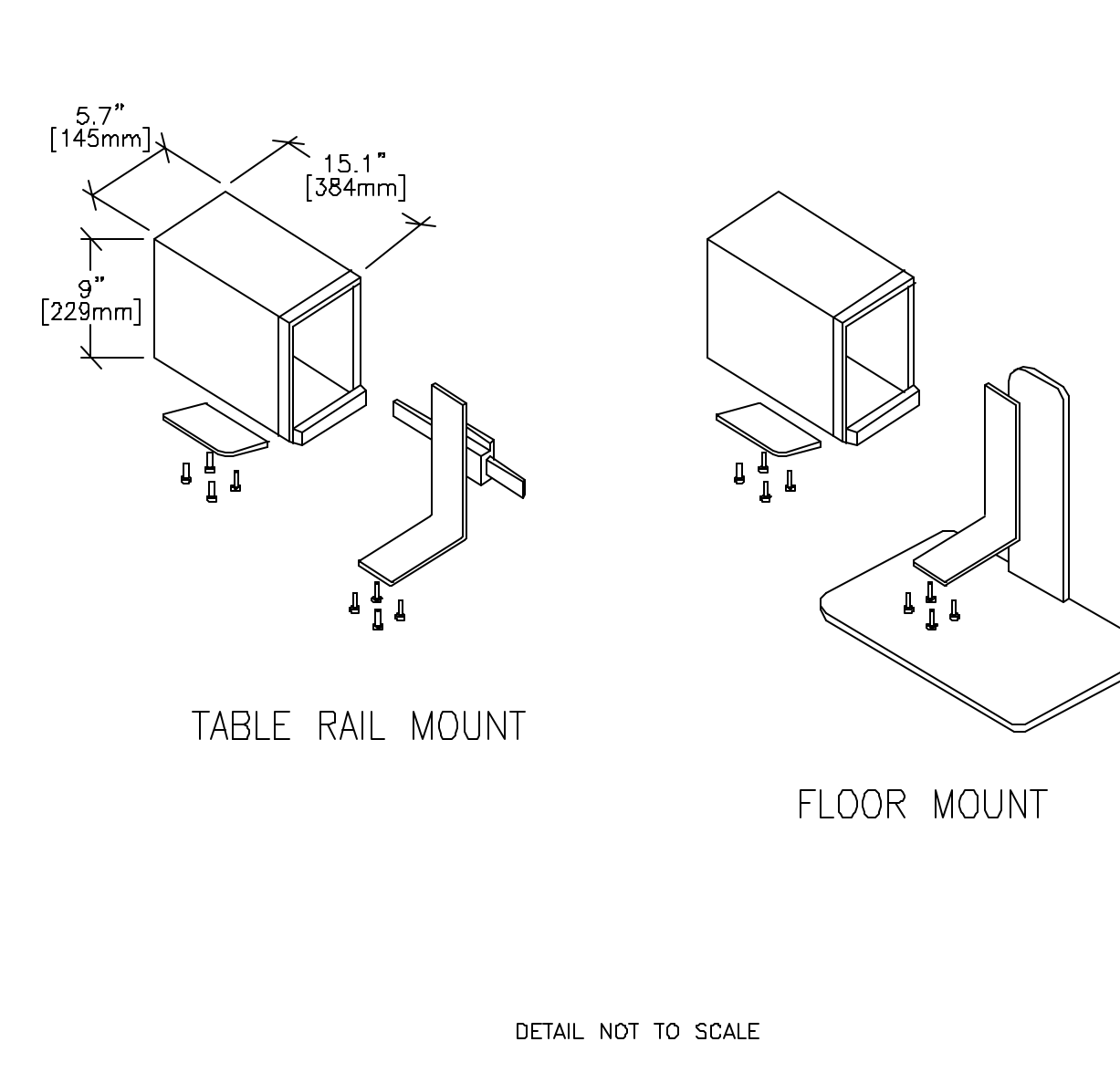
EQUIPMENT DETAIL
SKYTRON LIGHTING UNIT

B2063
REV. DATE: 08/04/08



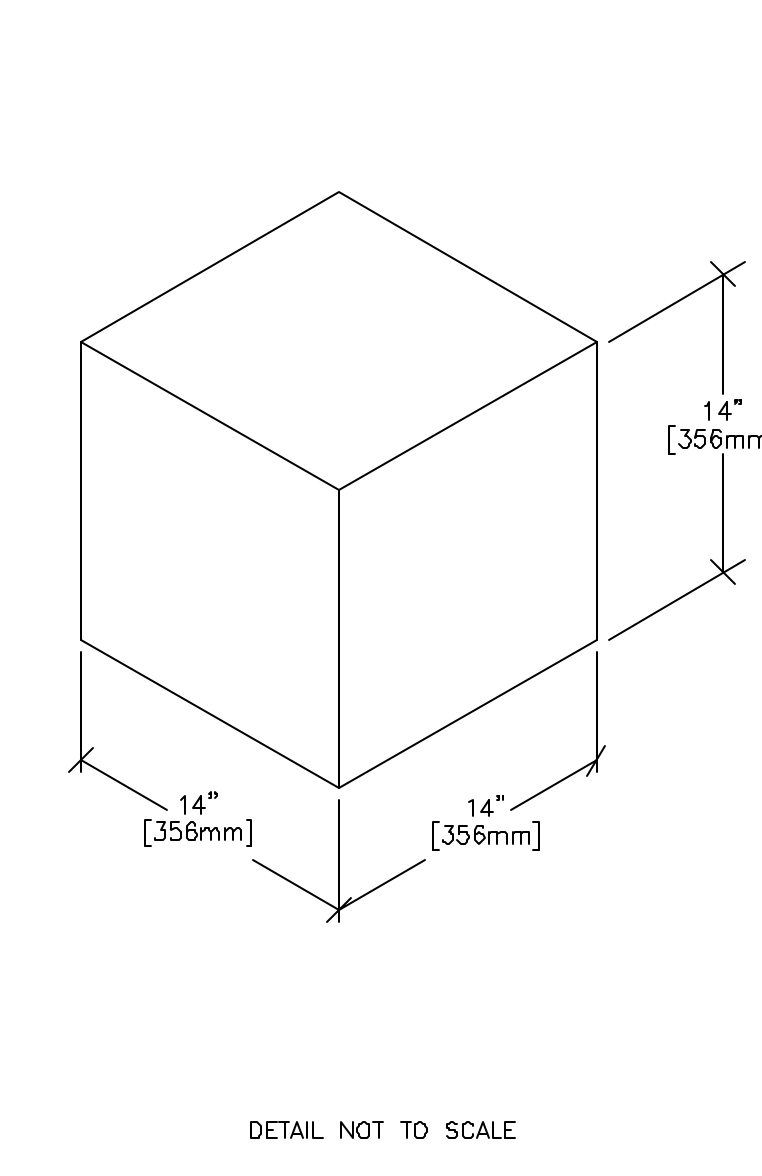
EQUIPMENT DETAIL
TRAM-RAC 4A

B5047
REV. DATE: 05/26/04



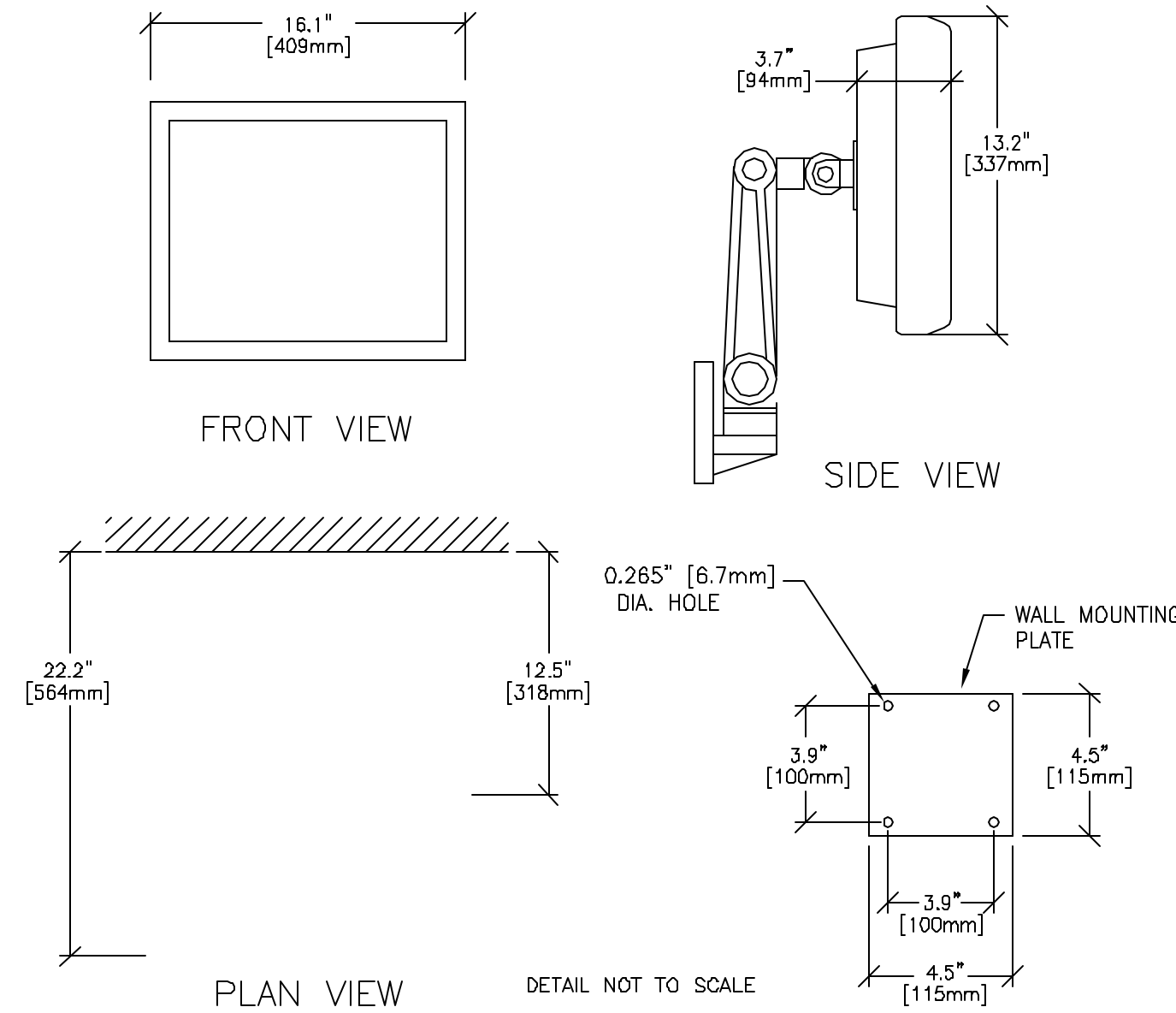
EQUIPMENT DETAIL
CLAB 2 PLUS AMPLIFIER

B5051
REV. DATE: 04/09/03



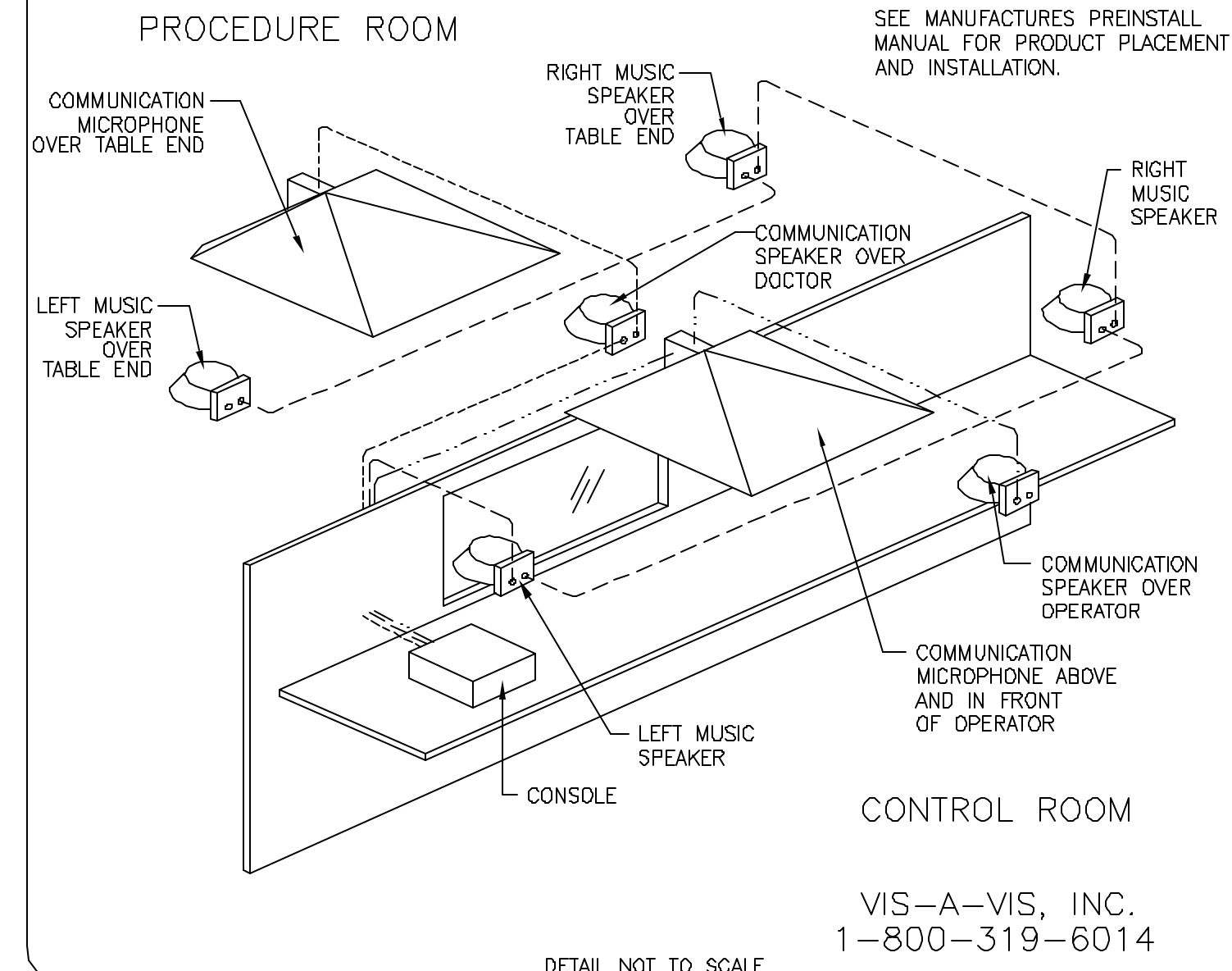
EQUIPMENT DETAIL
18" FLAT PANEL MONITOR ON WALL SUPPORT

C76-17B
REV. DATE: 04/29/04



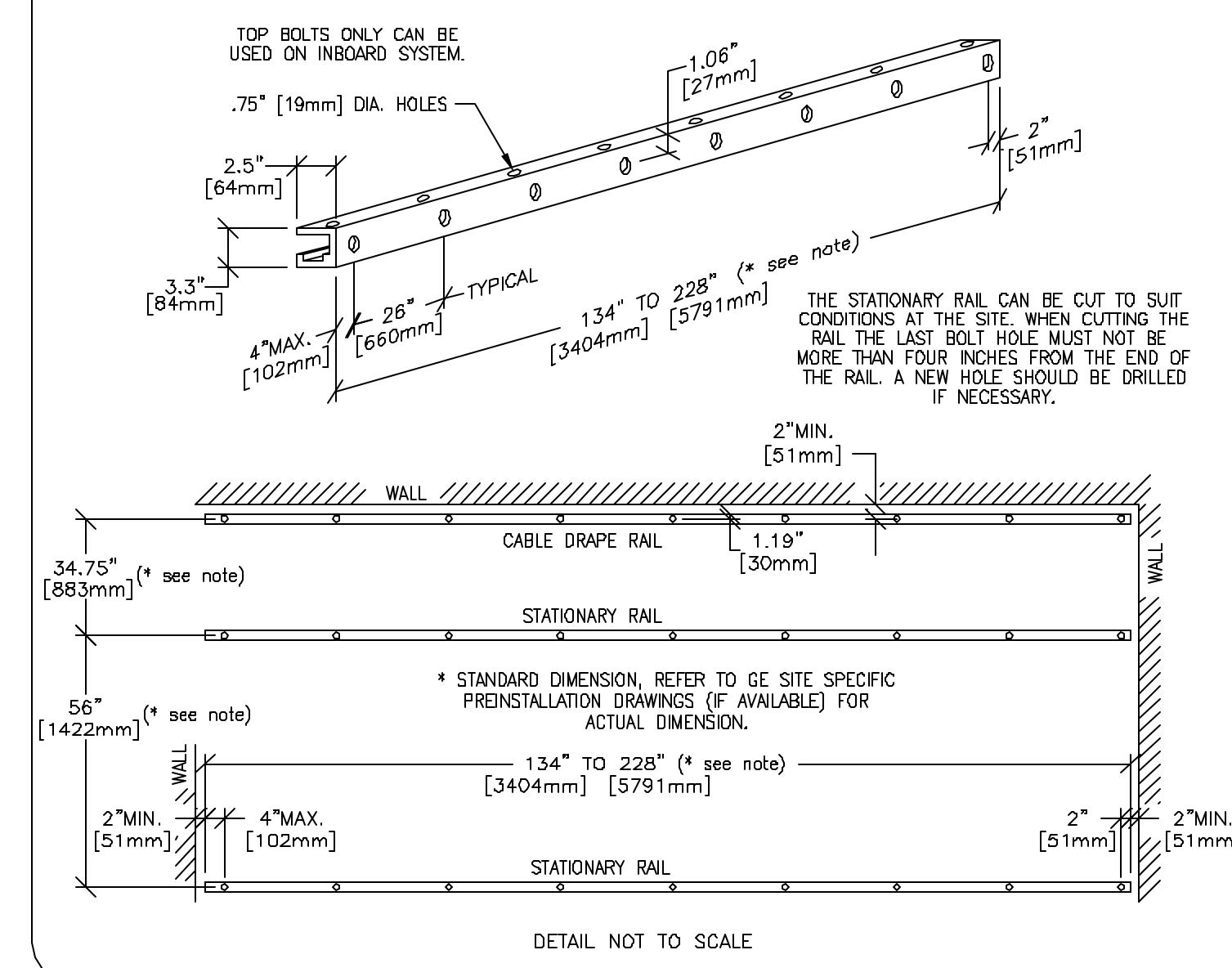
EQUIPMENT DETAIL
VITALIQ COMMUNICATION AND MUSIC SYSTEM

B0566
REV. DATE: 06/14/05



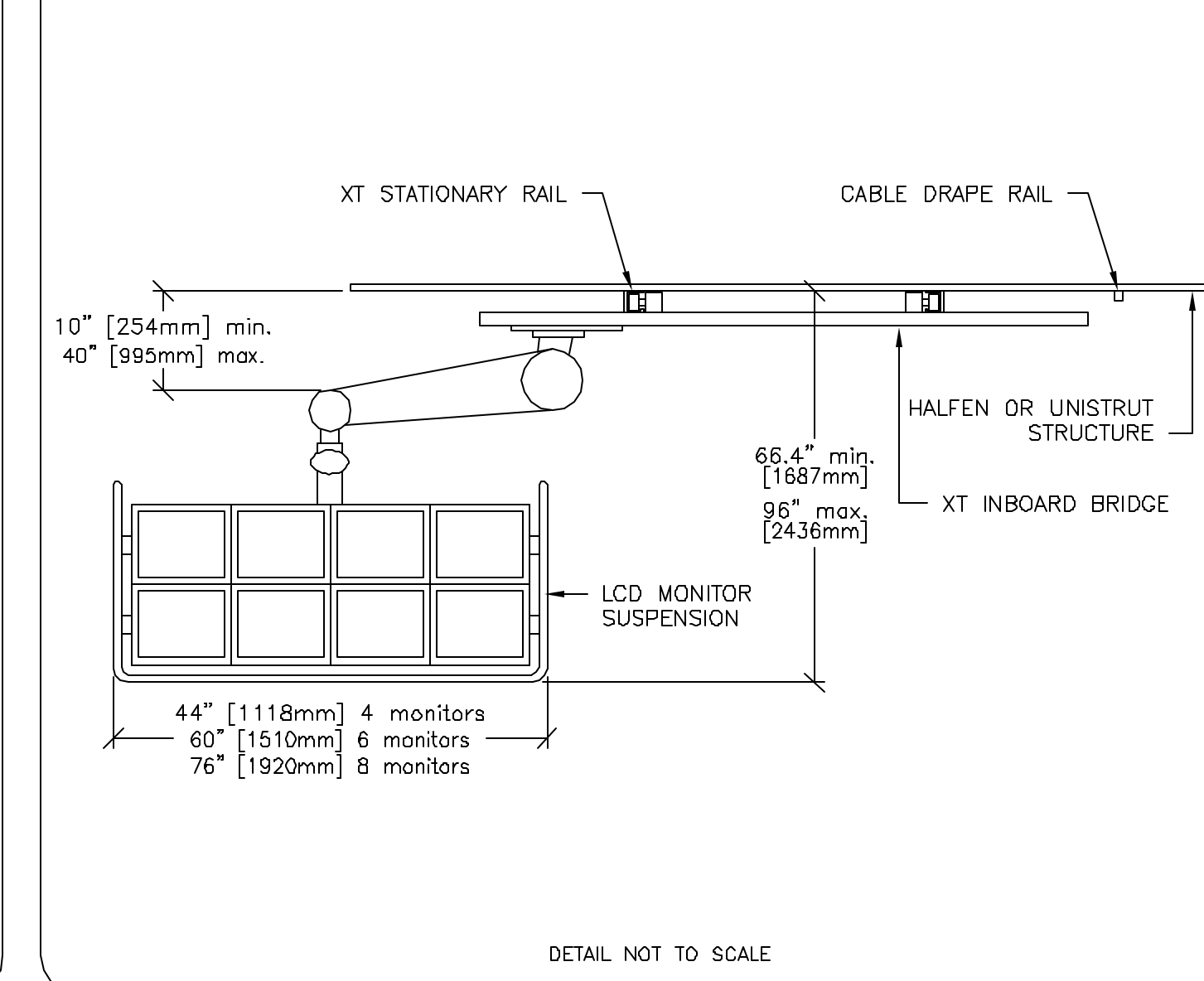
EQUIPMENT DETAIL
XT RADIOGRAPHIC SUSPENSION, INBOARD MOUNTING

B2004
REV. DATE: 12/07/94



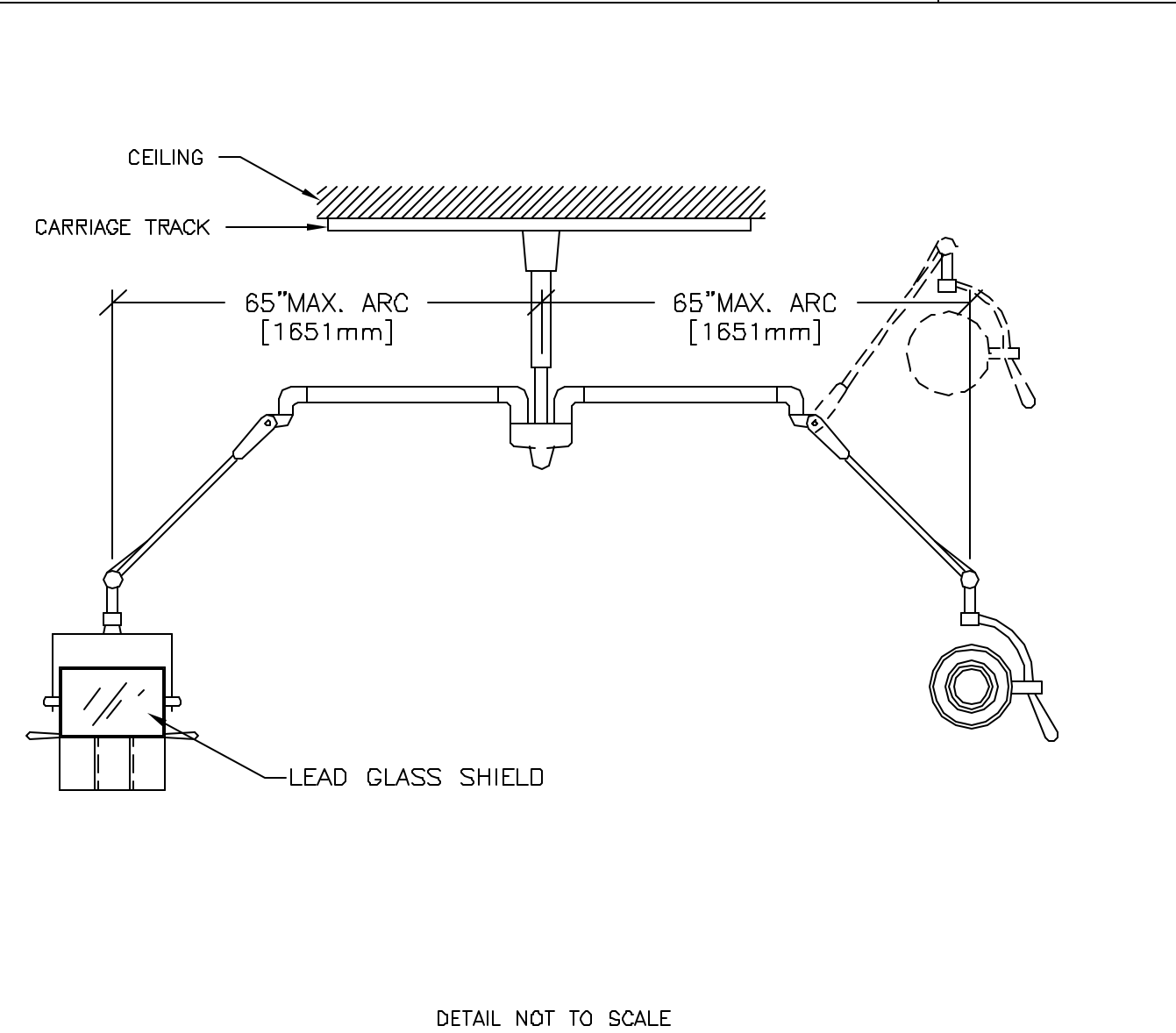
EQUIPMENT DETAIL
LCD MONITOR SUSPENSION, 4, 6 OR 8 MONITORS

B2010A
REV. DATE: 12/16/03



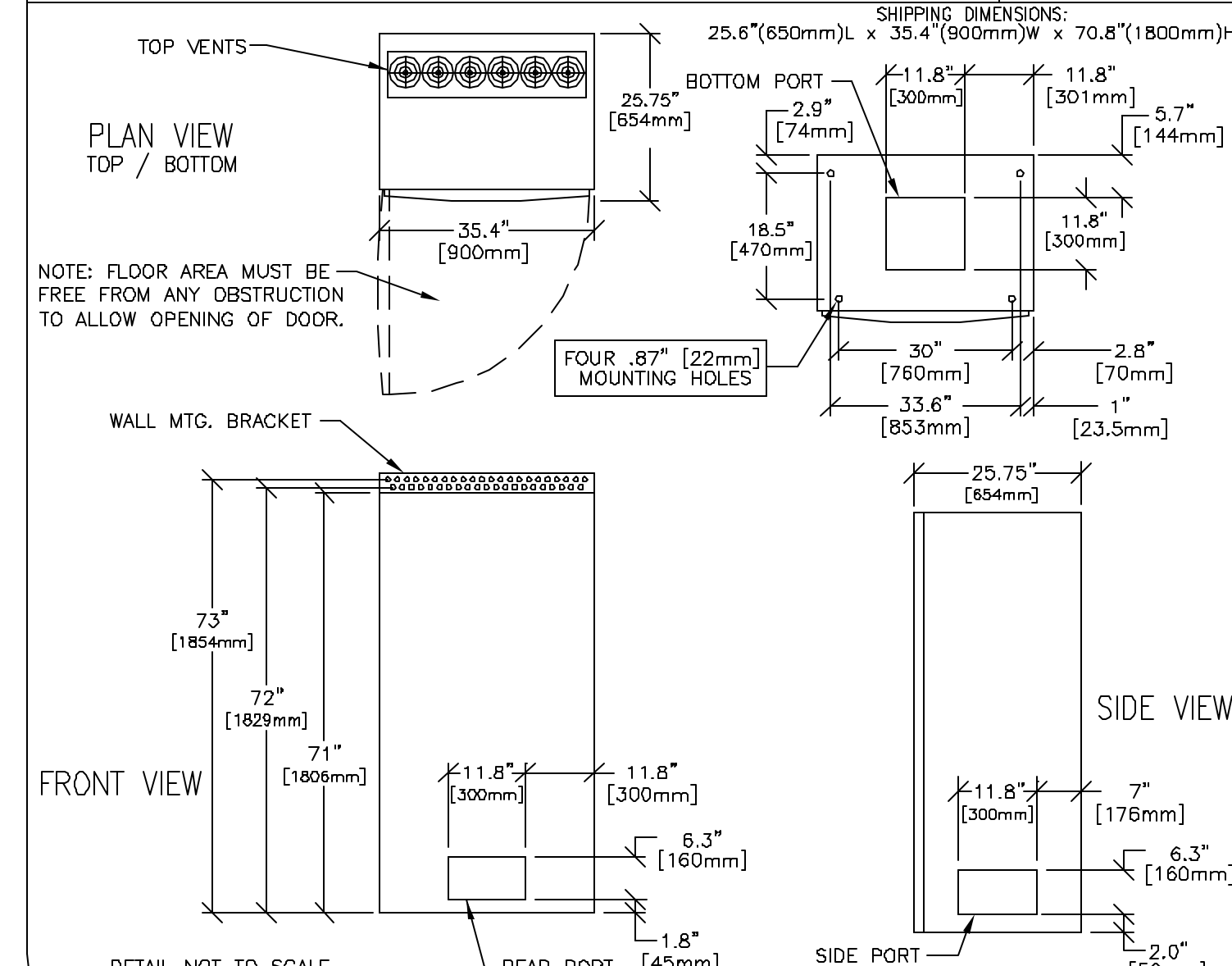
EQUIPMENT DETAIL
MAVIG EYE & THYROID SHIELD WITH LAMP

B50-31E
REV. 00: 10/03/97



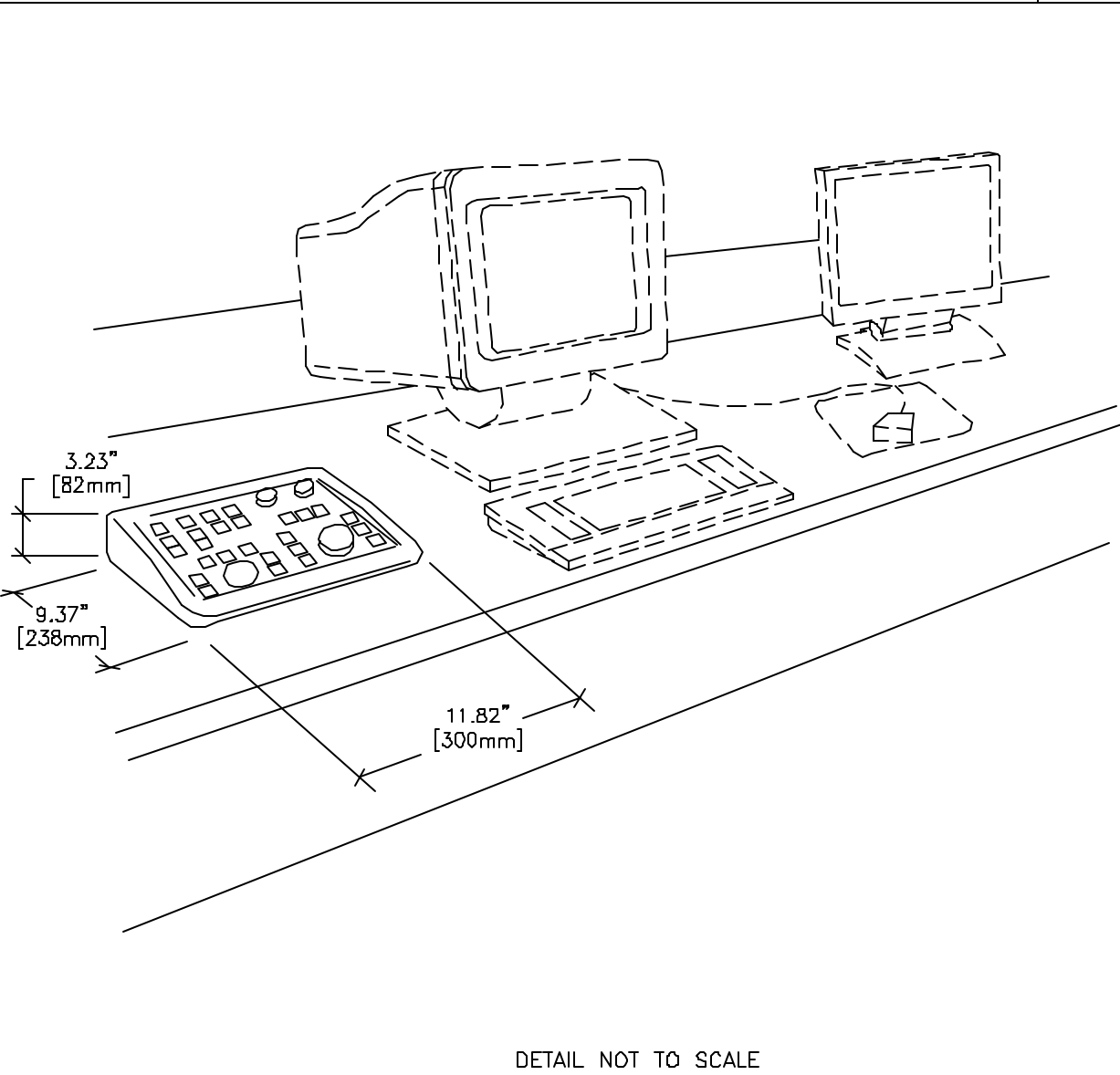
EQUIPMENT DETAIL
INNOVA 2100/3100/4100 CABINETS

B0558C
REV. DATE: 01/04/07



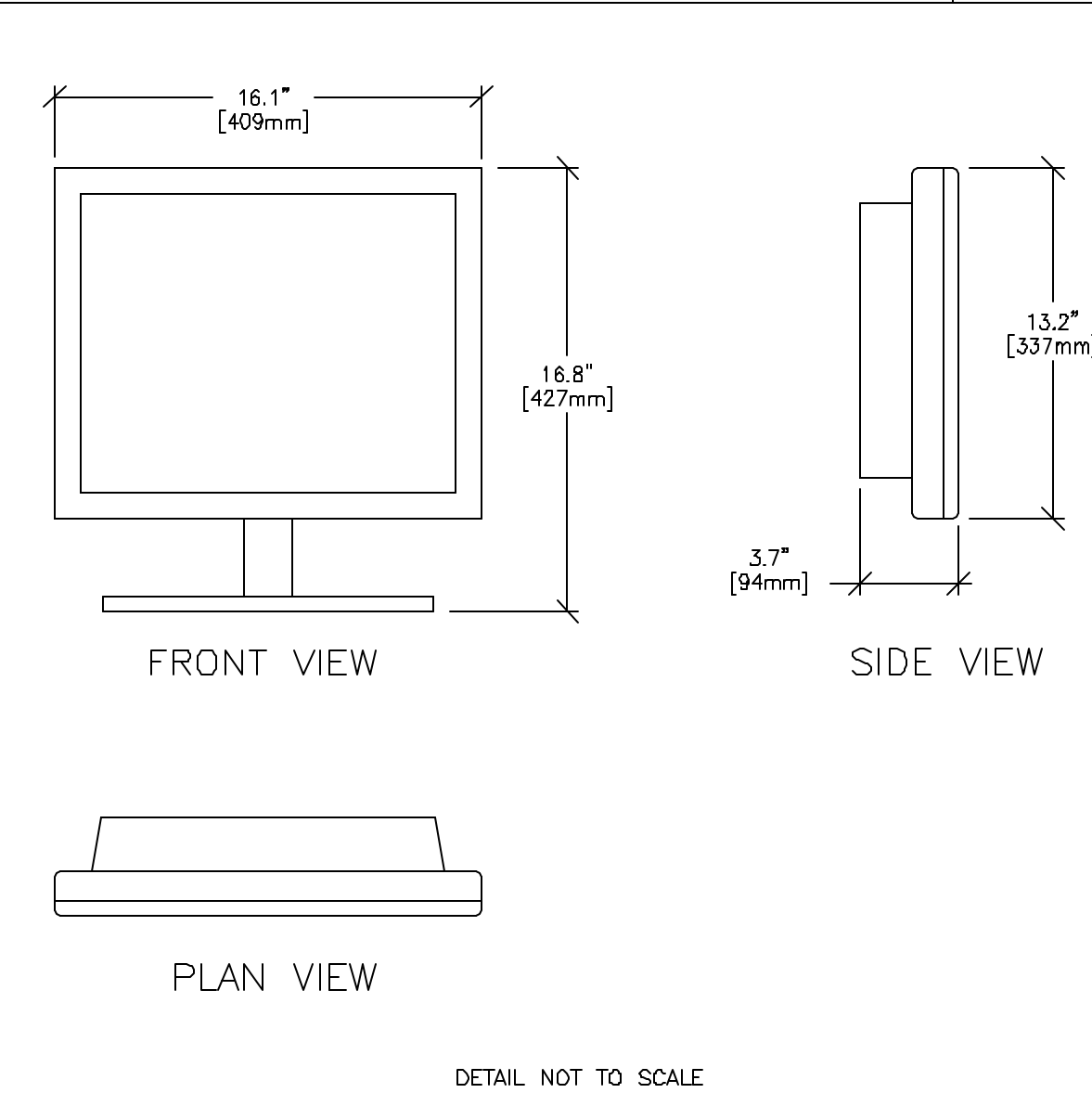
EQUIPMENT DETAIL
DLX or DL KEYPAD

C7412H
REV. DATE: 09/03/03



EQUIPMENT DETAIL
18" FLAT PANEL MONITOR

C76-17
REV. DATE: 04/21/03



GE Healthcare Technologies
Installation Services Design Center
Milwaukee, Wisconsin

SHEET TITLE: EQUIPMENT DETAILS
MODALITY TYPE: INNOVA 2100
THIS PLAN IS SUBMITTED TO SUGGEST LOCATION OF GE HEALTHCARE EQUIPMENT AND ASSOCIATED APARTS, ELECTRICAL WIRING DETAILS AND ROOM ARRANGEMENTS. IT IS NOT TO BE USED FOR CONSTRUCTION PURPOSES. IT IS NOT TO BE USED FOR ACTUAL CONSTRUCTION PURPOSES. HOWEVER, AND THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE:
ELECTROPHYSIOLOGY (EP) LAB
TYPICAL LAYOUT

PROJECT	REVISION
5-86	00
DATE: 02-24-09	
DRAWN BY: LLM	
CHECKED BY: TST	

REVISION HISTORY:

SHEET
D1

EQUIPMENT DETAIL
RCIM WITH DL KEYBOARD CONSOLE

C75-02
REV. DATE: 04/10/08

DETAIL NOT TO SCALE

EQUIPMENT DETAIL
INNOVA 2100/3100/4100 VASCULAR SYSTEM

B5050A
REV. DATE: 06/07/05

DETAIL NOT TO SCALE

EQUIPMENT DETAIL
INNOVA 2100/3100/4100 VASCULAR SYSTEM

B5050B
REV. DATE: 06/07/05

DRAWING NOT TO SCALE

EQUIPMENT DETAIL
INNOVA 3100/4100 VASCULAR SYSTEM

B5050
REV. DATE: 02/22/05

PLAN VIEW

SHIPPING DIMENSIONS:
110"L x 45.5"W x 77"H
[2790mmL x 1160mmW x 1950mmH]
(ON DOLLY)
WIDTH IS REDUCED TO 34" [865mm]
BY REMOVING SIDE RAILS

DRAWING NOT TO SCALE

EQUIPMENT DETAIL
UPS INTERFACE BOX

E45021B
REV. DATE: 07/11/05

DETAIL NOT TO SCALE

EQUIPMENT DETAIL
INNOVA 2100 FILTER ENCLOSEURE

S1875PC
REV. DATE: 11/29/05

DETAIL NOT TO SCALE

EQUIPMENT DETAIL
DIGITAL ENERGY SG SERIES 10-20kVA UPS

E4502SG
REV. DATE: 05/10/05

DETAIL NOT TO SCALE

EQUIPMENT DETAIL
INNOVA 2100 MAIN DISCONNECT PANEL

E45-02AB
REV. DATE: 12/13/05

DETAIL NOT TO SCALE

EQUIPMENT DETAIL
INNOVA DETECTOR COOLER

B5049F
REV. DATE: 8/01/00

DETAIL NOT TO SCALE

EQUIPMENT DETAIL
COOLIX 4000 RECIRCULATING CHILLER

M0917B
REV. DATE: 05/17/05

SHIPPING DIMENSIONS:
41" (1040mm) D x 34.8" (870mm) W x 53" (1350mm) H

DETAIL NOT TO SCALE

EQUIPMENT DETAIL
IVUS VOLCANO S5i WORKSTATION

BS5i
REV. DATE: 04/04/08

DETAIL NOT TO SCALE

TYPICAL CONTROL ROOM
INNOVA SINGLE PLANE

B5050C
REV. DATE: 08/26/08

DETAIL NOT TO SCALE

GE Healthcare Technologies
Installation Services Design Center
Milwaukee, Wisconsin

SHEET TITLE: EQUIPMENT DETAILS
MODALITY TYPE: INNOVA 2100

THIS PLAN IS SUBMITTED TO SUGGEST LOCATION OF GE HEALTHCARE EQUIPMENT AND ASSOCIATED APPLIANCES, ELECTRICAL WIRING DETAILS, AND ROOM ARRANGEMENTS. IT IS NOT TO BE USED FOR ACTUAL CONSTRUCTION PURPOSES. HOWEVER, AND THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE: ELECTROPHYSIOLOGY (EP) LAB
TYPICAL LAYOUT

PROJECT	REVISION
5-86	00
DATE:	02-24-09
DRAWN BY:	LLM
CHECKED BY:	TST

REVISION HISTORY:

SHEET
D2