

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
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 *

Discovery XR650
Preinstallation Manual
5308113-1EN

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



RAD 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 Rev 19					
Before using this document ensure you have the latest Rev from MyWorkshop on DOC0422752					
GEHC Global Order #:		Customer:			
GEHC PMI:		FE / Installer:			
The customer is responsible for proper site preparation regardless of any GEHC measurements/inspections/assessments.					
Inspection Date:	Storage is ready?	PHI is ready?	FE is ready?	Comments	If "N", enter comments or action plan
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					

GE Healthcare
Installation Services - Design Center
Madison, Wisconsin

SHEET TITLE: SITE READINESS
MODALITY TYPE: DISCOVERY XR650
THIS PLAN IS SUBMITTED TO SUGGEST LOCATION OF GE HEALTHCARE EQUIPMENT AND ASSOCIATED APPARATUS. ELECTRICAL WIRING DETAILS AND ROOM ARRANGEMENTS IN PREPARING THIS PLAN. EVERY EFFORT HAS BEEN MADE TO CONFORM DETAILS TO ALL APPLICABLE CODES AND REGULATIONS. HOWEVER, THE COMPANY ACCEPTS NO LIABILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE:
1-140F
TYPICAL LAYOUT

PROJECT	REVISION
1-140F	04
DATE:	10.May.13
DRAWN BY:	REK
CHECKED BY:	MKL

REVISION HISTORY:

SHEET
C1

PIM R8
RQ - 135244

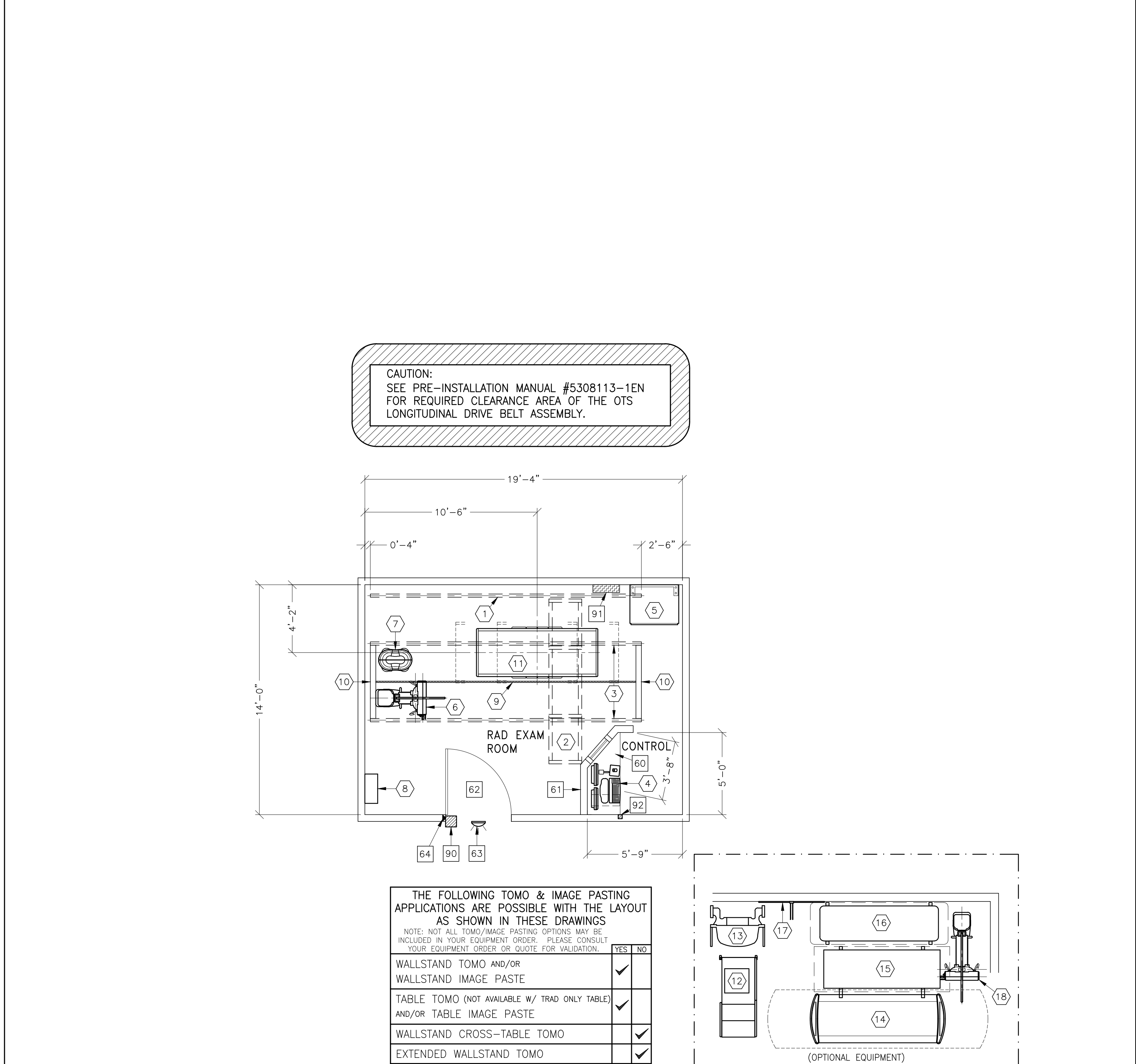
GE EQUIPMENT LISTING

EQUIPMENT ON ORDER FROM GE HEALTHCARE, INSTALLED BY GE HEALTHCARE, PER : NEITHER A QUOTE OR CON WAS ISSUED AT THE DATE OF THESE DRAWINGS		EQUIPMENT CROSS REFERENCE CHART		SEISMIC STATUS		P = PREAPPROVAL C = CALCULATIONS/ PENDING APPROVAL S = SPECIFICATIONS ONLY		
ITEM NO.	QUANTITY ORDERED	REFER TO SHEET "D"	ITEM DESCRIPTION (* = EXISTING/REINSTALL)	WEIGHT	HEAT OUTPUT (PER HOUR)	DETAIL NO.	STRC PLAN	ELEC PLAN
1	1		CABLE DRAPE RAIL	180 lbs			B20 079	-
2	1		XT RADIOGRAPHIC SUSPENSION WITH INBOARD MOUNTING	784 lbs	832 btu	B2004B	B20 041	XTS1 C
3	2		LONGITUDINAL STATIONARY RAIL FOR XT SUSPENSION	68 lbs			B20 041	-
4	1		OPERATORS CONSOLE	99 lbs	1716 btu	B6564A B6564B B6564C B6564D CG10CA	-	WBC1 -
5	1		SYSTEMS CABINET	679 lbs	2436 btu	B0558F	-	SKL S
6	1		FIXED DETECTOR CHEST UNIT	595 lbs	378 btu	B0557D	-	WLS C
7	1		DETECTOR SUPPORT ASSEMBLY	85 lbs	2047 btu	B0557D	-	DSA -
8	1		GRID HOLDER (FIELD VERIFY IDEAL LOCATION)	30 lbs		B0557K	B05 57K	S
9	1		LONGITUDINAL DRIVE BELT 1 IN. WIDE	44 lbs			-	-
10	2		ANCHOR RAILS				-	-
11	1		DIGITAL ELEVATING TABLE	992 lbs	2682 btu	B0557U	-	RT S
--- OPTIONAL ---								
12	1		WEIGHT BEARING STAND (OPTION)	123 lbs		B30044	-	-
13	1		IMAGE PASTING BARRIER (OPTION)	200 lbs		B0557N	-	-
14	1		FLEXI DT MOBILE TABLE (OPTION)	683 lbs		B0557L	-	-
15	1		MOBILE TABLE (OPTION)	224 lbs		B0557K	---	S
16	1		CARBON FIBER TABLE (OPTION)	70 lbs		B5000A	-	-
17	1		TRAD DETECTOR SUPPORT ONLY WITH PORTABLE DETECTOR OPTION ON TABLE				-	-
18	1		FIXED DETECTOR CHEST UNIT WITH EXTENDED RECEPTOR (OPTION)	617 lbs	378 btu	B0557S	-	WLS C

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

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	COUNTER TOP FOR EQUIPMENT - MINIMUM DEPTH 24 IN. AND ADDITIONAL SHELVING MAY BE REQUIRED BELOW COUNTER TOP FOR PC TOWER. PROVIDE GROMMETED OPENINGS AS REQUIRED TO ROUTE CABLES.
61	CONTROL WALL, 7 FT. HIGH WITH LEAD GLASS VIEWING WINDOW.
62	MINIMUM DOOR OPENING FOR EQUIPMENT DELIVERY IS 36 IN. W x 66.9 IN. H (914mm x 1700mm), CONTINGENT ON A 96 IN. (2438mm) CDRR DOOR WIDTH. NOTE: IMAGE PASTE OPTION REQUIRES A 80.9 IN H (2050mm) HIGH OPENING FOR ACCESS.
63	X-RAY ON WARNING LIGHT - AVAILABLE FROM GE SUPPLY CALL: 800-200-9760 GE CAT. NO. WX1ABW-DF-XIU
64	DOOR LIMIT SWITCH (NEEDED ONLY IF REQUIRED BY STATE/LOCAL CODES)

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

90	X-RAY ROOM WARNING LIGHT CONTROL PANEL REFERENCE JUNCTION POINT 'XRLC' ON SHEET 'E1' FOR DETAILED DESCRIPTION -E4502RL FOR WARNING LIGHT CONTROL ONLY.
91	MAIN DISCONNECT REFERENCE JUNCTION POINT 'A' ON SHEET 'E1' FOR DETAILED DESCRIPTION. CAT. NO. E4502T OR WITH AUTO RESTART E4502RP. (80 W x 48 H x 6.68 IN. D)
92	EMERGENCY OFF SWITCH (NEEDED ONLY IF REQUIRED BY STATE/LOCAL CODES)

GENERAL SPECIFICATIONS

- o THE REQUIRED CEILING HEIGHT INDICATED ON THESE PLANS IS TO ENSURE EQUIPMENT FUNCTION IS NOT INHIBITED. CONSULT WITH YOUR LOCAL GEHC SPECIALIST REGARDING ACCEPTABILITY OF OTHER CEILING HEIGHTS.
- o 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.
- o 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.
- o 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 IS. GEHC RESERVES THE RIGHT TO MAKE ON THE JOB CHANGES BECAUSE OF CUSTOMER REQUIREMENTS AND/OR OBSTACLES IN CONSTRUCTION, ETC..
- o ALL WORK TO BE IN COMPLIANCE WITH NATIONAL AND LOCAL BUILDING SAFETY CODES.
- o DIMENSIONS ARE TO FINISHED SURFACES OF ROOM.

SITE ENVIRONMENT SPECIFICATIONS

- o AMBIENT OPERATING TEMPERATURE: 50 TO 95 DEGREES (F), MAXIMUM ALLOWABLE TEMPERATURE CHANGE OF 10 DEGREES (C)/HOUR.
- o HUMIDITY: REFER TO PREINSTALLATION MANUAL FOR THE EQUIPMENT ILLUSTRATED ON THIS DRAWING.
- o REFER TO PREINSTALLATION MANUAL FOR THE EQUIPMENT ILLUSTRATED ON THIS DRAWING.
- o THE ENVIRONMENT FOR THE ELECTRONICS CABINET MUST BE CONTROLLED SO THE ABOVE RESTRICTIONS ARE NOT EXCEEDED.
- o DO NOT RESTRICT THE AIR INTAKE AT THE LOWER FRONT OR AIR EXHAUST AT THE TOP OF THE ELECTRONICS CABINETS.

MAGNETIC INTERFERENCE SPECIFICATIONS

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

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

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

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

GE Healthcare

Healthcare Project Implementation - Design Center
Minneapolis, MN

SHEET TITLE: **EQUIPMENT LAYOUT**
MODALITY TYPE: **DISCOVERY XR650**

THIS PLAN IS SUBMITTED TO ASSIST IN THE LOCATION OF GE HEALTHCARE EQUIPMENT AND ASSOCIATED ELECTRICAL WIRING DETAILS AND ROOM ARRANGEMENTS. IN PREPARING THIS PLAN, EVERY EFFORT HAS BEEN MADE TO CONFORM TO ALL APPLICABLE REGULATIONS AND STANDARDS. GE HEALTHCARE AND ITS CONTRACTORS ACCEPT NO LIABILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE:
1-140f
TYPICAL LAYOUT

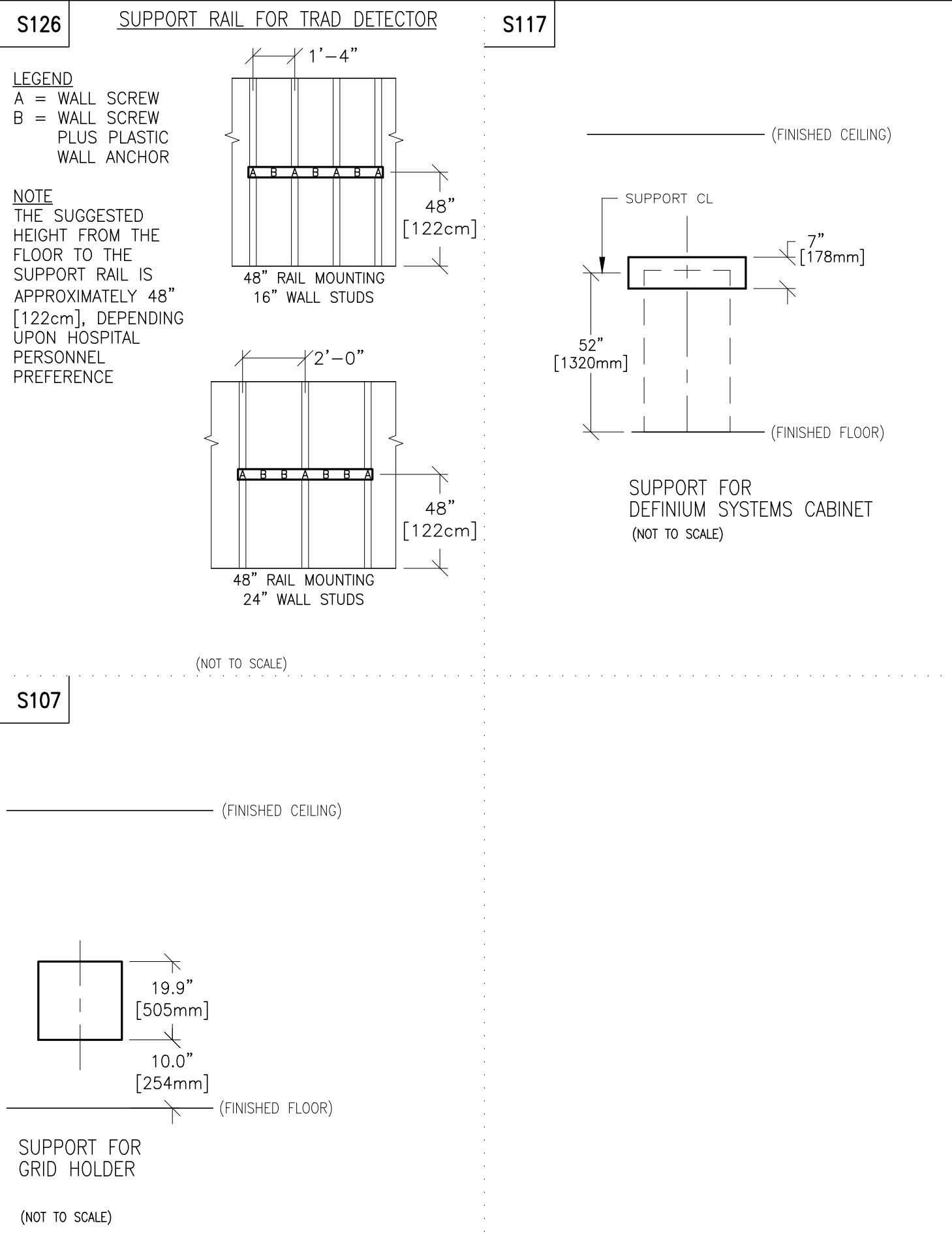
PROJECT	REVISION
1-140f	04

DATE: 10.May.13
DRAWN BY: REK
CHECKED BY: MKL

REVISION HISTORY:

SHEET
A1

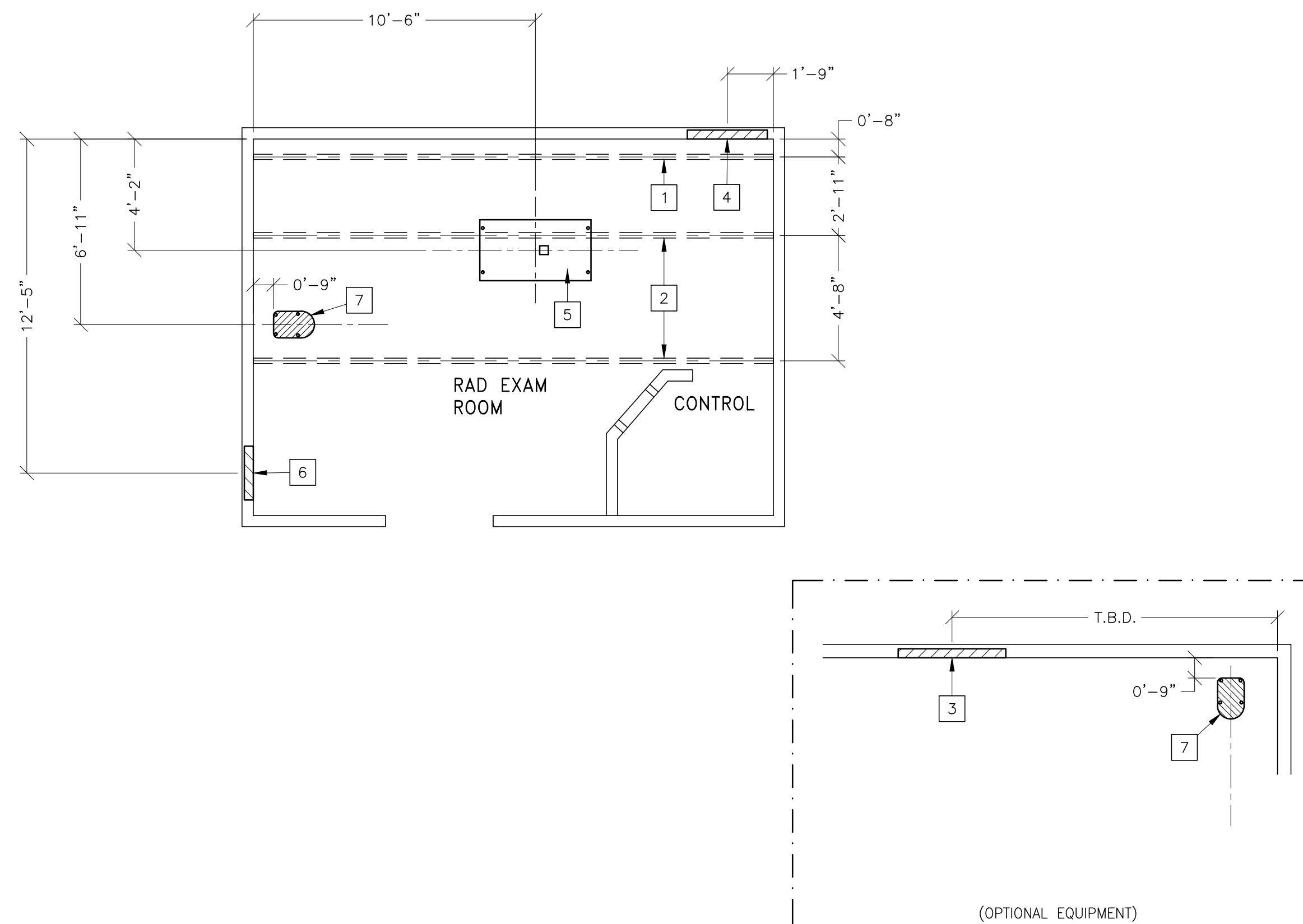
TYPICAL WALL SUPPORT ELEVATIONS



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	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 30 LBS. PER BOLT LOAD. METHODS OF SUPPORT THAT PERMIT ATTACHMENT TO STRUCTURAL STEEL OR THROUGH BOLTS IN CONCRETE SHOULD BE FAVORED. DO NOT USE SCREW ANCHORS IN DIRECT TENSION.
2	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 30 LBS. PER BOLT LOAD. METHODS OF SUPPORT THAT PERMIT ATTACHMENT TO STRUCTURAL STEEL OR THROUGH BOLTS IN CONCRETE SHOULD BE FAVORED. DO NOT USE SCREW ANCHORS IN DIRECT TENSION.
3	SUPPORT BACKING, LOCATE PER WALL STUDS. REFER TO ELEVATION DETAIL S126, SUPPORT RAIL FOR TRAD DETECTOR.
4	SUPPORT BACKING, LOCATE AS SHOWN, REFER TO ELEVATION DETAIL S117, FOR SYSTEMS CABINET.
5	FLOOR CONTACT AREA FOR TABLE Seismic Zone ANCHORING HARDWARE (WHERE APPLICABLE) < DETECTOR SUPPORT > ANCHORS = Hilti KB3 - 3/8 x 3.75 in. (4 ea.) < WALL STAND > ANCHORS = Hilti KB3 - 1/2 x 9 in. (4 ea.) < GRID HOLDER > SCREWS = No. 12 TEK Screws (4 ea.) < SYSTEM CABINET > ANCHORS = Hilti KB3 - 3/8 x 3.75 in. (4 ea.) < SYSTEM CABINET > SCREWS = No. 12 TEK Screws (4 ea.) < TABLE > ANCHORS = Hilti KB3 - 1/2 x 9 in. (4 ea.) ALL ANCHORS TO INCLUDE 1 FLATWASHER ALL BOLTS TO INCLUDE 2 FLATWASHERS, 1 LOCKWASHER AND 1 NUT ALL BRACKETS ARE SHIPPED WITH GE EQUIPMENT.
6	SUPPORT BACKING, LOCATE AS SHOWN, REFER TO ELEVATION DETAIL S107, FOR GRID HOLDER.
7	FLOOR CONTACT AREA FOR CHEST READER

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.
- IT IS THE CUSTOMER'S RESPONSIBILITY TO PERFORM ANY FLOOR OR WALL PENETRATIONS THAT MAY BE REQUIRED. THE CUSTOMER IS ALSO RESPONSIBLE FOR ENSURING THAT NO SUBSURFACE UTILITIES (E.G., ELECTRICAL OR ANY OTHER FORM OF WIRING, CONDUITS, PIPING, DUCT WORK OR STRUCTURAL SUPPORTS (I.E. POST TENSION CABLES OR REBAR)) WILL INTERFERE OR COME IN CONTACT WITH SUBSURFACE PENETRATION OPERATIONS (E.G. DRILLING AND INSTALLATION OF ANCHORS/SCREWS) PERFORMED DURING THE INSTALLATION PROCESS. TO ENSURE WORKER SAFETY, GE INSTALLERS WILL PERFORM SURFACE PENETRATION OPERATIONS ONLY AFTER THE CUSTOMER'S VALIDATION AND COMPLETION OF THE "GE SURFACE PENETRATION PERMIT"

GE Healthcare

Healthcare Project Implementation - Design Center

Wisconsin

SHEET TITLE: STRUCTURAL LAYOUT

MODALITY TYPE: DISCOVERY XR650

THIS PLAN IS SUBMITTED TO SURVEY LOCATION OF GE HEALTHCARE EQUIPMENT AND ASSOCIATED ELECTRICAL WIRING DETAILS AND ROOM ARRANGEMENTS. IN PREPARING THIS PLAN, EVERY EFFORT HAS BEEN MADE TO CONFORM DETAILS TO THE LATEST GE DRAWINGS AND THE LATEST GE COMPANY POLICY FOR ACTUAL CONSTRUCTION PURPOSES. GE HEALTHCARE SHALL NOT BE HELD RESPONSIBLE FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE:

1-140f

TYPICAL LAYOUT

PROJECT	REVISION
1-140f	04

DATE: 10.May.13

DRAWN BY: REK

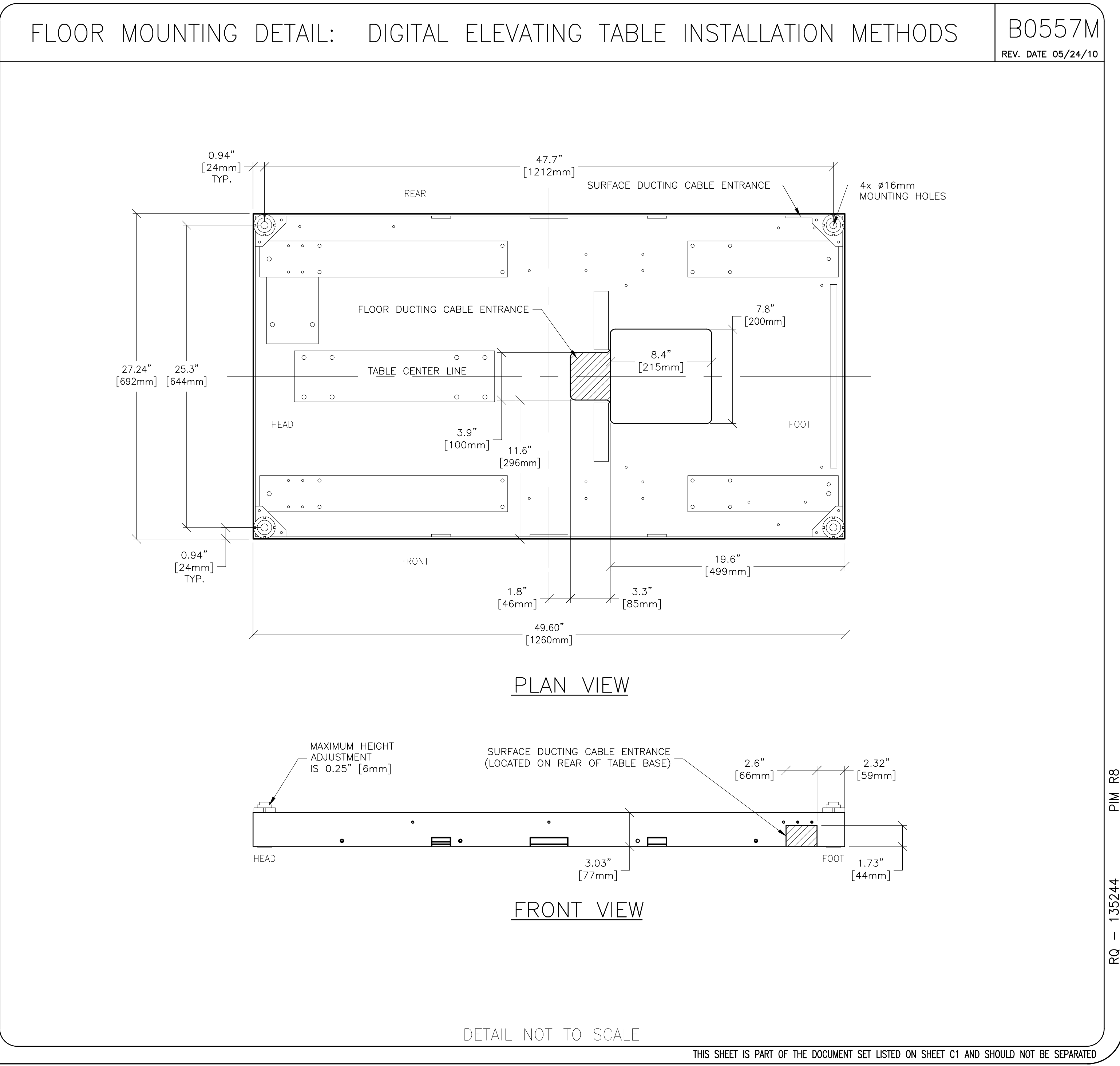
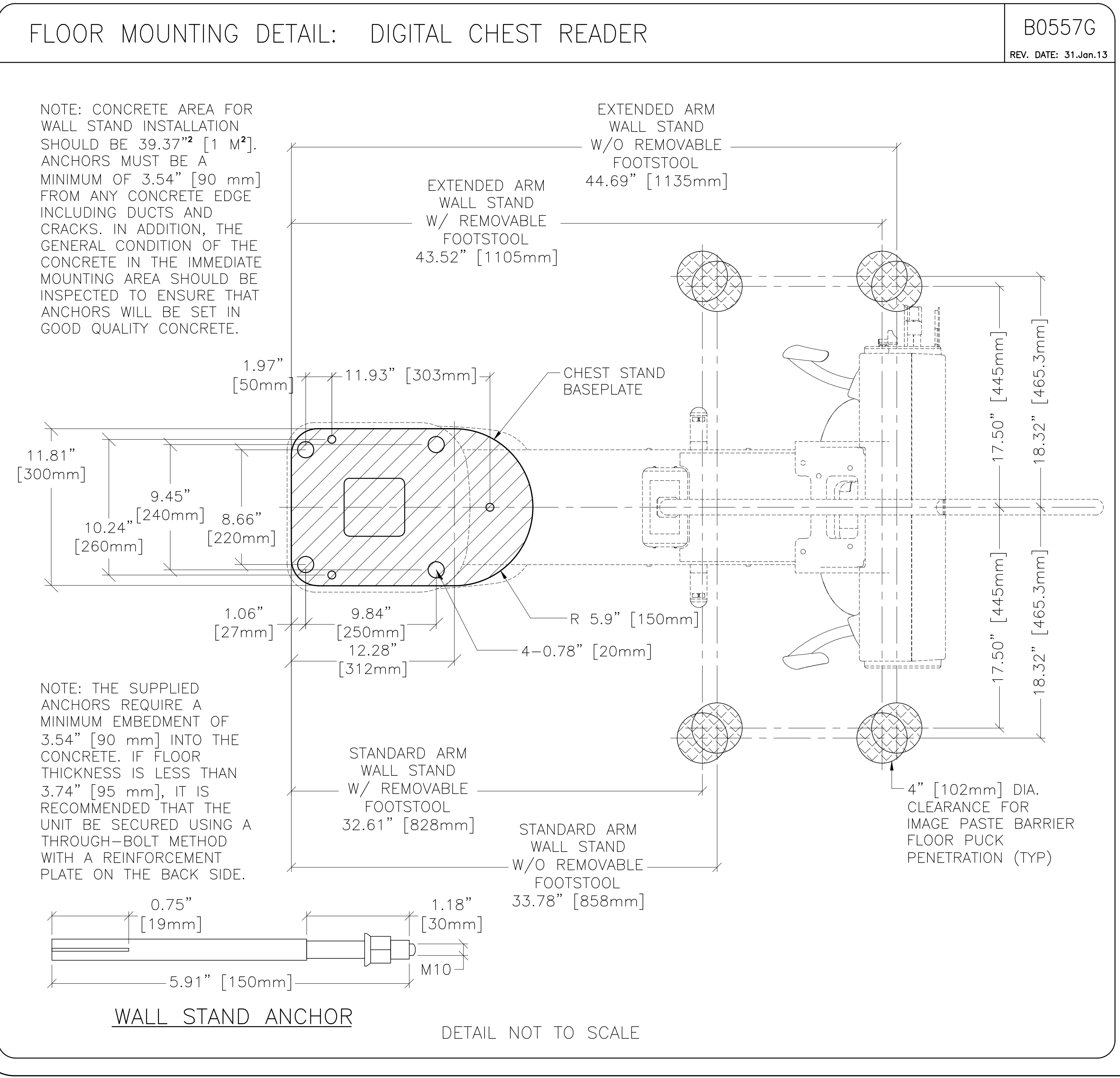
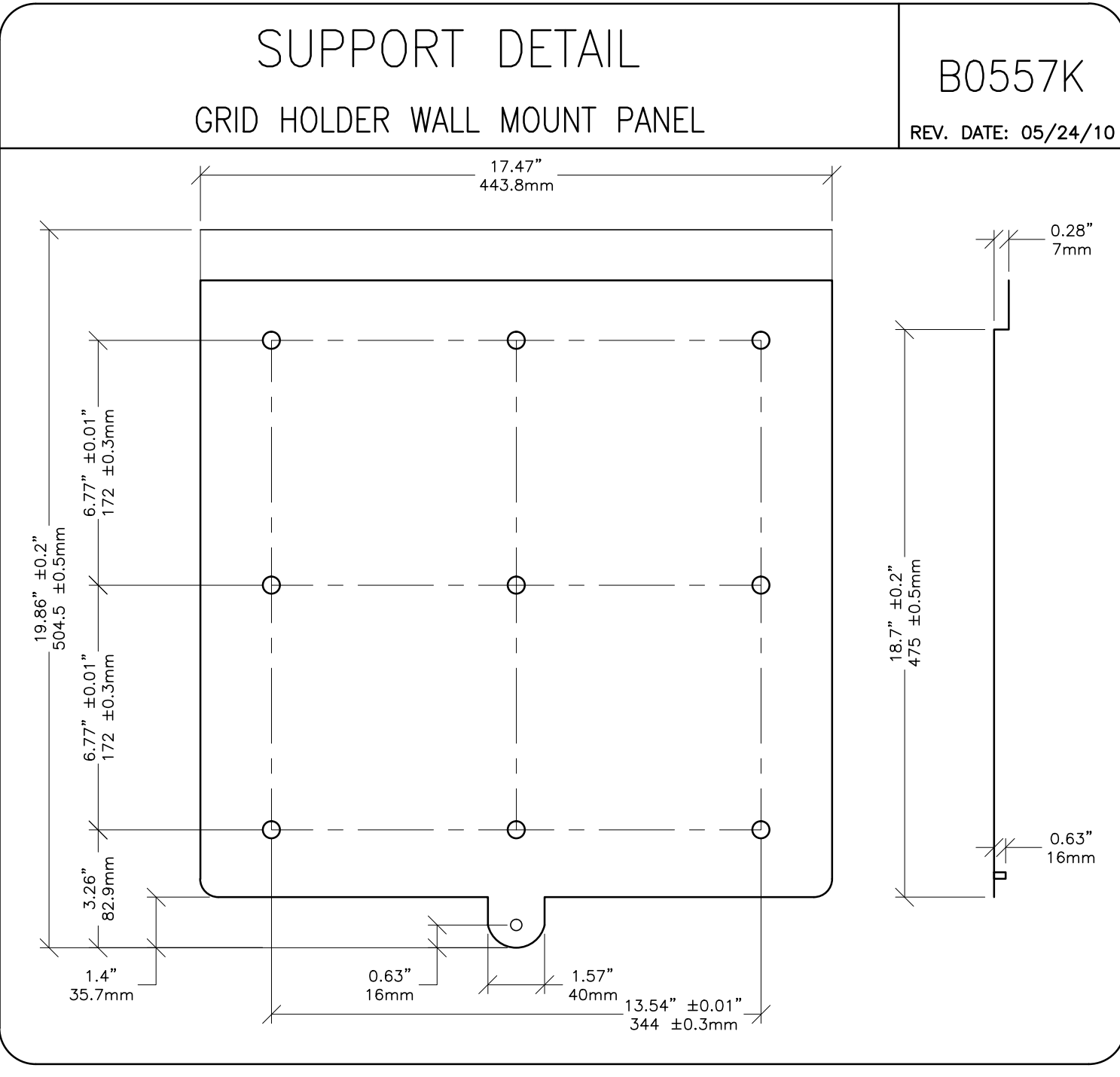
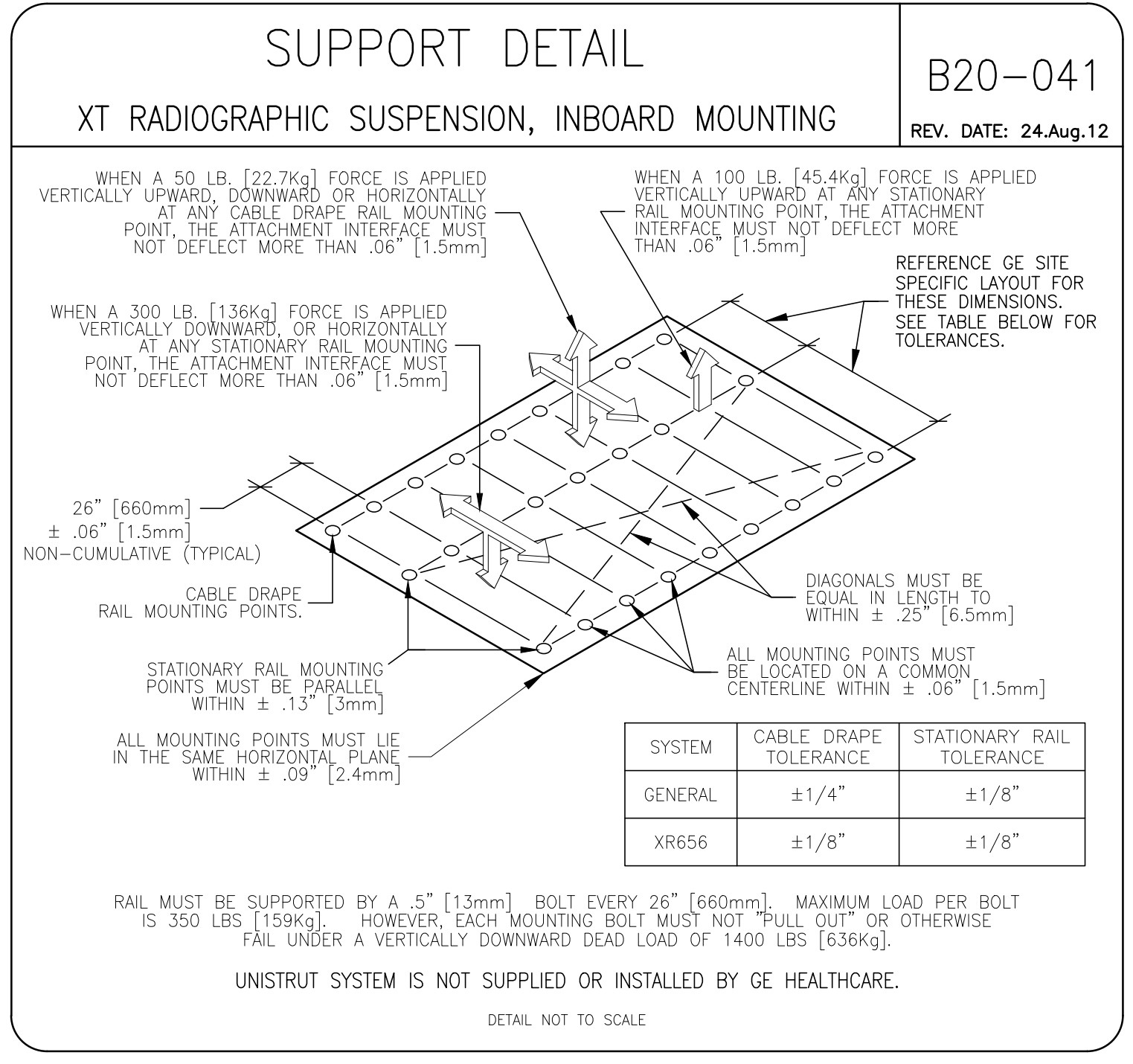
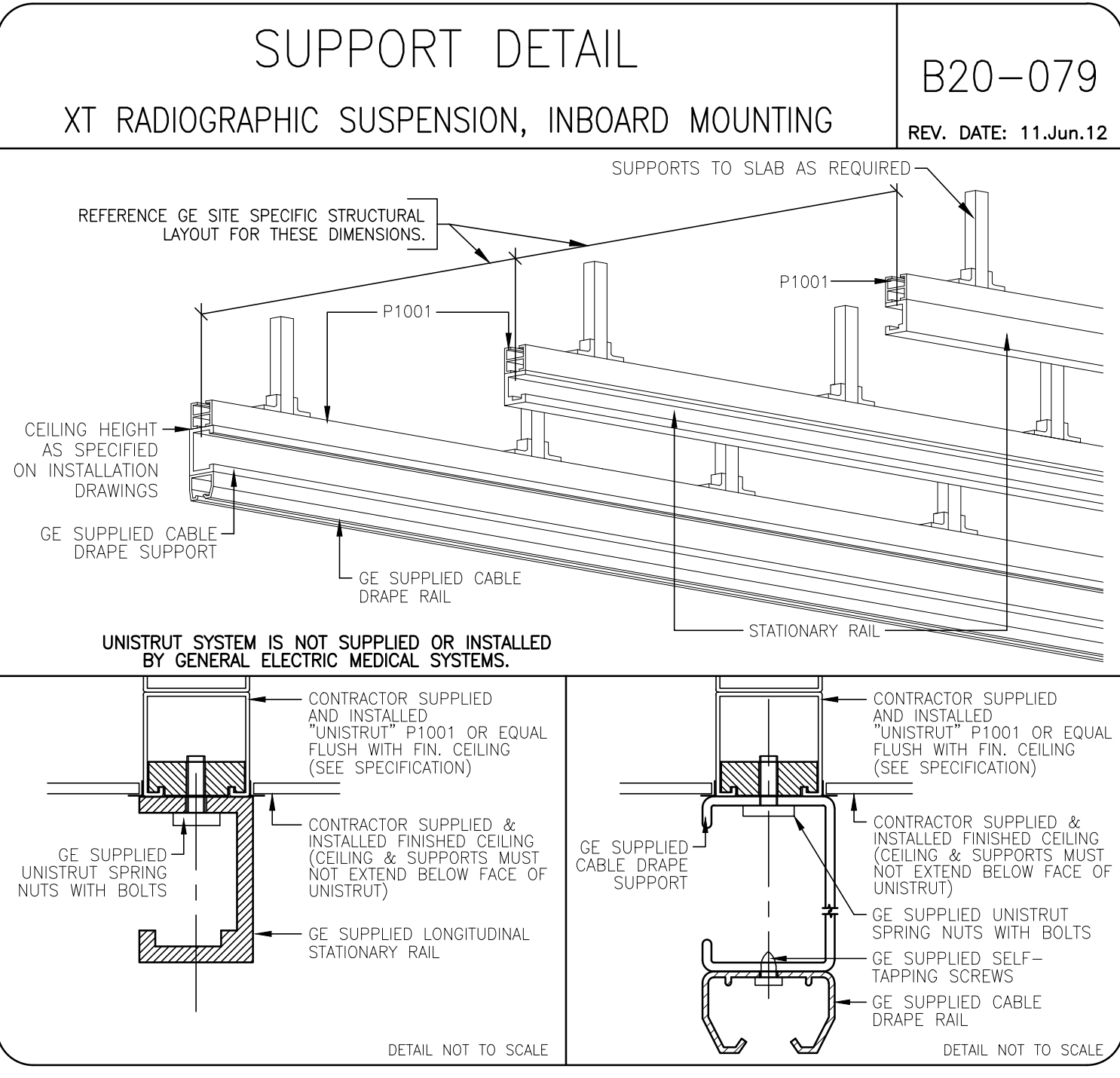
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REVISION HISTORY:

SHEET

S1

PIM R8 RQ - 135244



GE Healthcare

Healthcare Project Implementation - Design Center
Milwaukee, Wisconsin

SHEET TITLE: STRUCTURAL DETAILS
MODALITY TYPE: DISCOVERY XR650

THIS PLAN IS SUBMITTED TO SURVEY LOCATION OF GE HEALTHCARE EQUIPMENT AND ASSOCIATED ELECTRICAL WIRING DETAILS AND ROOM ARRANGEMENTS. IN PREPARING THIS PLAN, EVERY EFFORT HAS BEEN MADE TO CONFORM TO DETAILS AND DIMENSIONS SHOWN ON THE DRAWINGS AND TO THE COMPANY'S BEST KNOWLEDGE AND BELIEF. THE COMPANY ASSUMES NO LIABILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE:
1-140f
TYPICAL LAYOUT

PROJECT	REVISION
1-140f	04

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REVISION HISTORY:

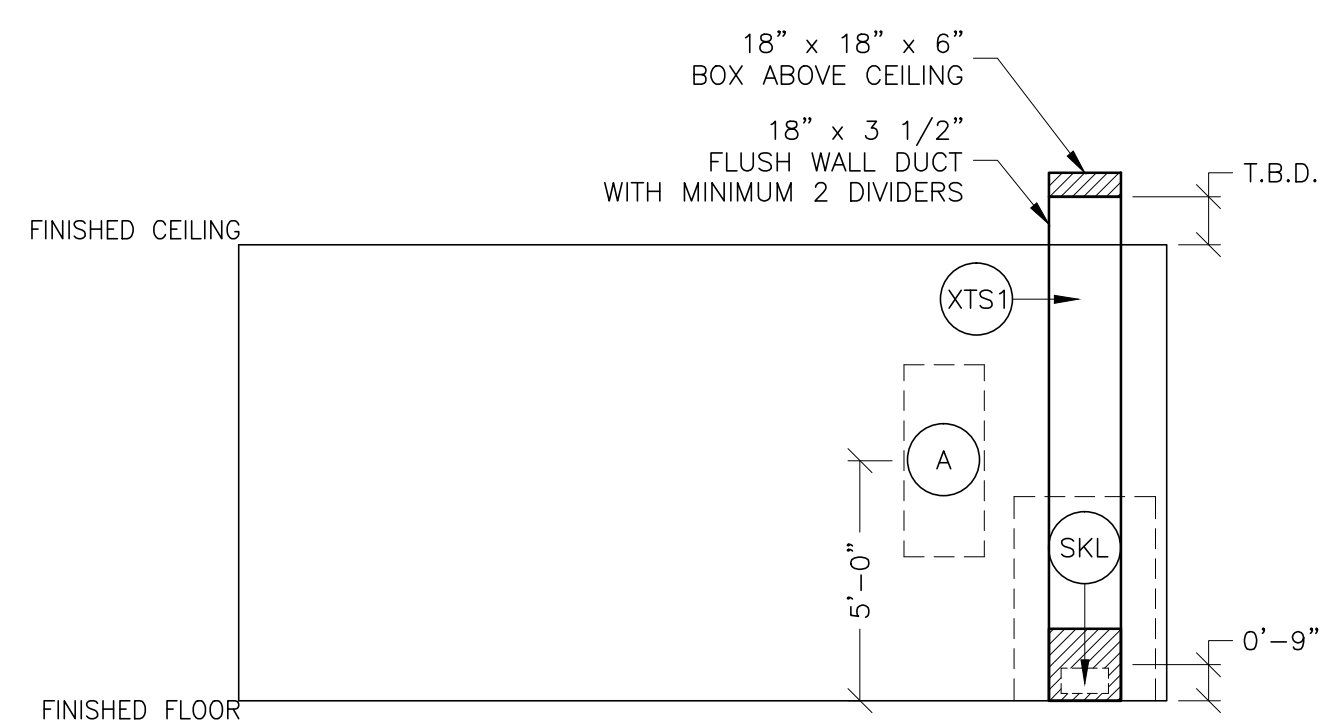
SHEET
S2

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

ELECTRICAL PLAN

RECOMMENDED CEILING HEIGHT = 9'-6"

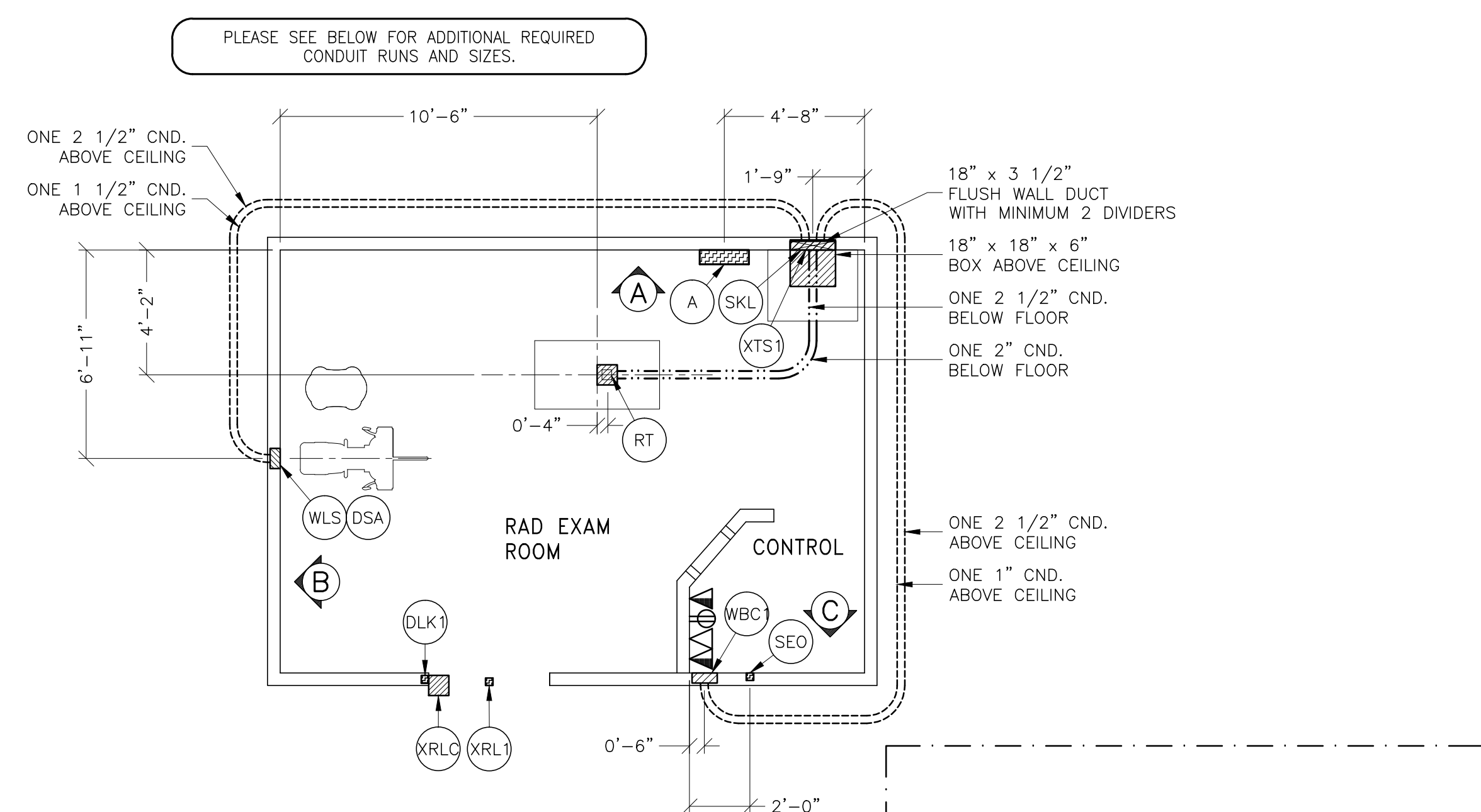
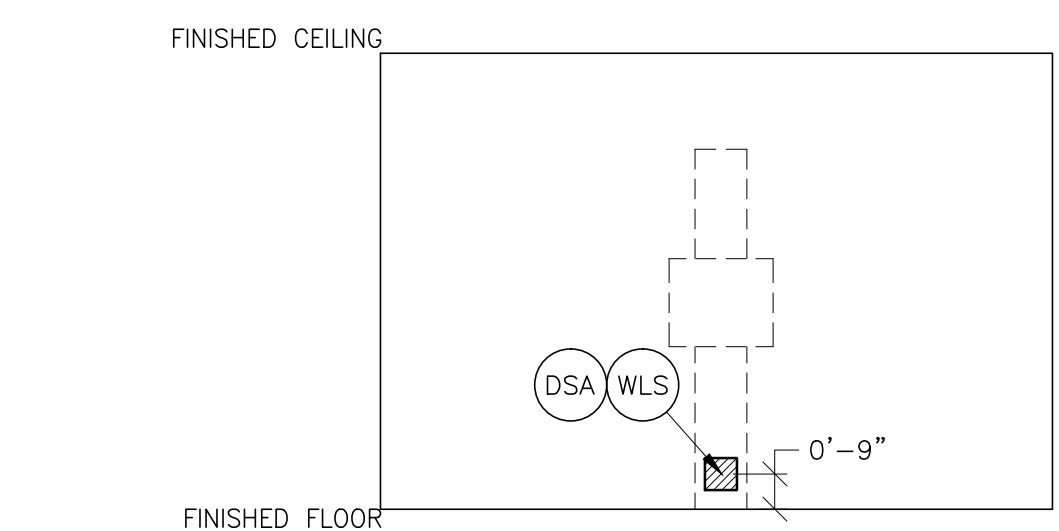
JUNCTION POINT DESCRIPTIONS



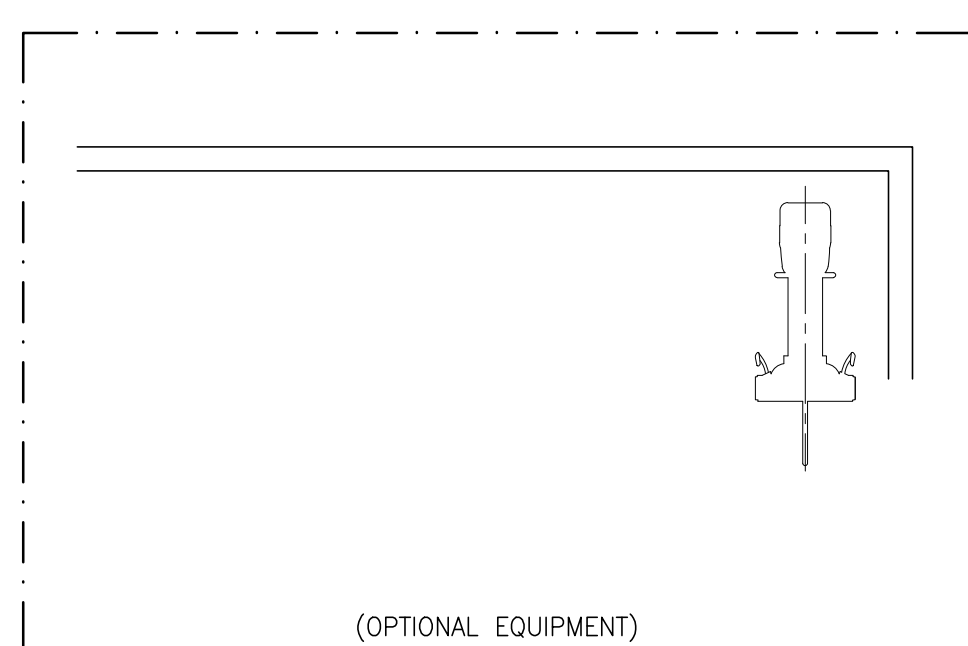
- ELECTRICAL OUTLET LEGEND**
 CUSTOMER/CONTRACTOR SUPPLIED AND INSTALLED ITEMS, HEIGHT ABOVE FLOOR DETERMINED BY LOCAL CODES UNLESS OTHERWISE SPECIFIED.
- ⚡ DUPLEX HOSPITAL GRADE, DEDICATED OUTLET 120-V, SINGLE PHASE POWER
 - ⚡ DEDICATED TELEPHONE LINE(S) (SEE ELECTRICAL DETAIL ELEC-1 OR ELEC-67)
 - ⚡ NETWORK OUTLET (SEE ELECTRICAL DETAILS ELEC-83 AND ELEC-84 OR ELEC-87)

- 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.
 - CONDUIT AND DUCT RUNS SHALL HAVE SWEEP RADIUS BENDS.
 - CONDUITS AND DUCT ABOVE CEILING OR BELOW FINISHED FLOOR MUST BE INSTALLED AS NEAR TO CEILING OR FLOOR AS POSSIBLE TO REDUCE RUN LENGTH.
 - CEILING MOUNTED JUNCTION BOXES ILLUSTRATED ON THIS PLAN MUST BE INSTALLED FLUSH WITH FINISHED CEILING.
 - ALL DUCTWORK MUST MEET THE FOLLOWING REQUIREMENTS:
 - DUCTWORK SHALL BE METAL WITH DIVIDERS AND HAVE REMOVABLE, ACCESSIBLE COVERS.
 - DUCTWORK SHALL BE CERTIFIED/RATED FOR ELECTRICAL POWER PURPOSES.
 - DUCTWORK SHALL BE ELECTRICALLY AND MECHANICALLY BONDED TOGETHER IN AN APPROVED MANNER.
 - PVC AS A SUBSTITUTE MUST BE USED IN ACCORDANCE WITH ALL LOCAL AND NATIONAL CODES.
 - ALL OPENINGS IN ACCESS FLOORING ARE TO BE CUT OUT AND FINISHED OFF WITH GROMMET MATERIAL BY THE CUSTOMER'S CONTRACTOR.
 - GENERAL CONTRACTOR TO INSERT PULL CORDS FOR ALL CABLE RUN CONDUITS BETWEEN THE EQUIPMENT ROOM AND THE OPERATORS CONTROL ROOM.
 - 10 FOOT PIGTAILS AT ALL JUNCTION POINTS.
 - ALL WIRING MUST BE THIN OR TFFN STRANDED COPPER THERMOPLASTIC 600 VOLT OR EQUIVALENT INSULATION. **ALUMINUM OR SOLID WIRES ARE NOT ALLOWED.**
 - GROUNDING IS CRITICAL TO EQUIPMENT FUNCTION AND PATIENT SAFETY. SITE MUST CONFORM TO WIRING SPECIFICATIONS SHOWN ON THIS PLAN.

POINT	DESCRIPTION	QTY.	THE FOLLOWING MATERIALS ARE TO BE SUPPLIED AND INSTALLED BY THE CUSTOMER'S ELECTRICAL CONTRACTOR	
			HARDWARE	DETAIL NO., SHT. E3
A	MAIN DISCONNECT AVAILABLE FROM GEMSG. CALL: 800-558-5102 OR LOCAL GE INSTALLATION PROJECT MGR.	1	80-AMP CIRCUIT BREAKER PANEL (GENS CAT. NO. E4502ST OR WITH AUTO RESTART FEATURE-E4502RP)	ELEC-15
DLK1	DOOR SWITCH (NEEDED ONLY IF REQUIRED BY STATE/LOCAL CODES)	1	ROOM DOOR INTERLOCK LIMIT SWITCH IN FRAME - NORMALLY OPEN (<24V)	ELEC-48
DSA	DETECTOR SUPPORT ASSEMBLY	1	CONNECT EXTERNALLY	ELEC-16 ELEC-167
RT	TABLE	1	SUITABLE BUSHING & LOCKNUT 1/2 IN. CONDUIT STUBBED 2 IN. ABOVE FLOOR	ELEC-7 ELEC-2
SEO	EMERGENCY OFF	1	PROVIDE A SINGLE GANG, 2 1/2 IN. DEEP, FLUSH MTD. WALL BOX.	ELEC-141
SKL	SYSTEMS CABINET	1	SPLIT COVERPLATE 1 1/2 IN. DIA. CHASE NIPPLE 1/2 IN. 90 DEGREE CONNECTOR 6 FT. LENGTH OF 1 1/2 IN. FLEXIBLE METAL CONDUIT 1 1/2 IN. DIA. WITH DIVIDER	ELEC-79
WBC1	OPERATORS CONSOLE	1	10 X 10 X 4 IN. BDX	ELEC-79
WLS	CHEST UNIT	1	SPLIT COVERPLATE 1 1/2 IN. DIA. CHASE NIPPLE 1/2 IN. 90 DEGREE CONNECTOR 6 FT. LENGTH OF 1 1/2 IN. FLEXIBLE METAL CONDUIT 1 1/2 IN. DIA. WITH DIVIDER	ELEC-72
WLS	CHEST UNIT	1	SPLIT COVERPLATE 1 1/2 IN. DIA. CHASE NIPPLE 1/2 IN. 90 DEGREE CONNECTOR 6 FT. LENGTH OF 1 1/2 IN. FLEXIBLE METAL CONDUIT 1 1/2 IN. DIA. WITH DIVIDER	ELEC-6
XRL1	WARNING LIGHT	1	SINGLE GANG BOX 1" X-RAY OR INCANDESCENT LIGHT FIXTURE, 24V, 9 AMP OR LESS LOW VOLTAGE SOURCE. DO NOT USE FLUORESCENT FIXTURES.	
XRLC	WARNING LIGHT CONTROLLER AVAILABLE FROM GEMSG. CALL: 800-558-5102 OR LOCAL GE INSTALLATION PROJECT MGR.	1	E4502RL WARNING LIGHT CONTROL OR EQUIVALENT MAX 24V CONTROLLER	
XTS1	X-RAY TUBE HANGER	1	3/8 IN. OF GROMMET MATERIAL FOR AN 8 X 8 IN. OPENING IN DUCT COVER	



PLEASE SEE BELOW FOR ADDITIONAL REQUIRED CONDUIT RUNS AND SIZES.



ADDITIONAL CONDUIT RUNS FOR REVOLUTION SYSTEMS, OPTIMA XR640, DEFINIUM 8000, & DISCOVERY XR650 (BY CONTRACTOR)

CONDUITS REQUIRED FOR BASE SYSTEM (CONDUITS ARE LOCATED ABOVE CEILING)

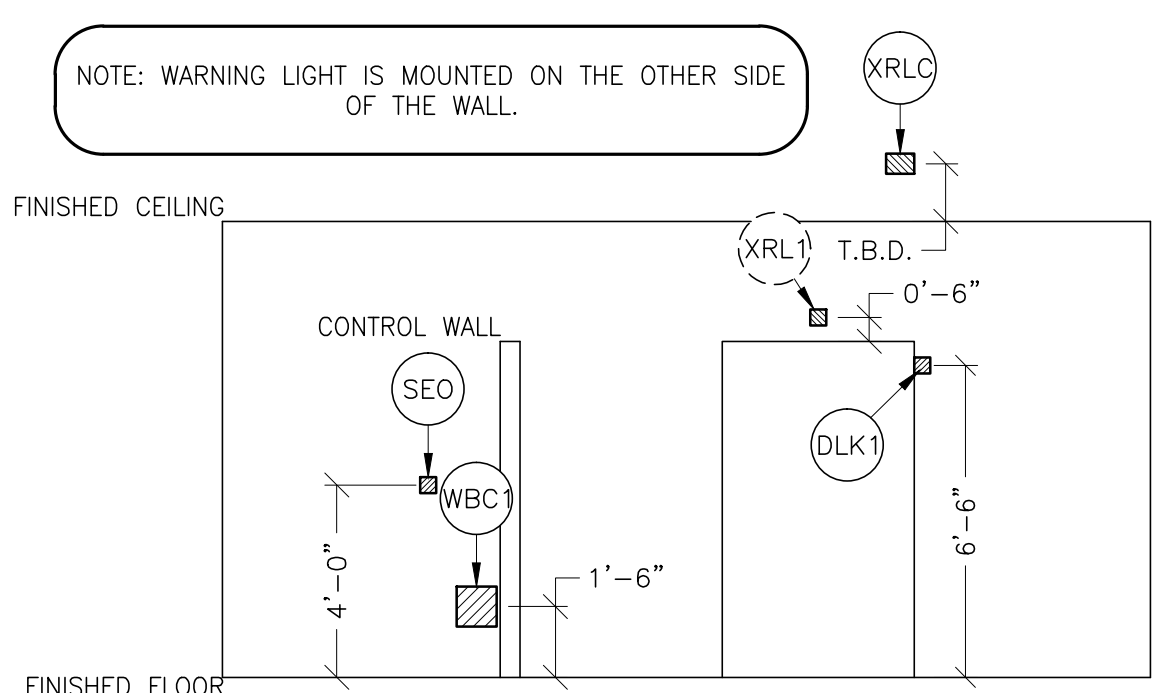
TO	FROM	REQUIREMENTS
XRLC	TO XRL1	ONE 1/2" CND.
XRLC	TO SKL	ONE 1/2" CND.
XRLC	TO 120-V 1Ø POWER	CND. AS REQ'D
A	TO SKL	ONE CND. AS REQ'D
A	TO SEO	ONE 1/2" CND.
A	TO FEEDER	ONE CND. AS REQ'D
DLK1	TO SKL	ONE 1/2" CND.

NOTE: SEE E2 PAGE FOR MAXIMUM RUN LENGTHS

JEDI 80kw SYSTEMS CABINET REV. DATE: 10/13/09

* CALCULATIONS BASED UPON NOMINAL VOLTAGE, WIRE SIZE IN AWG.
 * RECOMMENDED FEEDER SIZES FROM DISTRIBUTION TRANSFORMER TO THE POWER CABINET
 * NEUTRAL MUST BE TERMINATED INSIDE THE MAIN DISCONNECT PANEL AND NOT AT ANY GE CABINET.
 * THE GROUNDING CONDUCTOR WILL BE OF SAME SIZE AS THE FEEDER. THIS GROUND WILL RUN FROM THE EQUIPMENT BACK TO THE FACILITY POWER SOURCE/MAIN GROUNDING POINT AND ALWAYS TRAVEL IN THE SAME CONDUIT WITH THE FEEDERS AND NEUTRAL.
 * MINIMUM WIRE SIZE FOR CIRCUIT BREAKER, BASED ON RECOMMENDED OVERCURRENT PROTECTION.
 * FOR A FULL SYSTEM UPS, REFER TO ELECTRICAL DETAILS FOR UPS FEEDER WIRES.

RUN LENGTH IN FEET	POWER SUPPLY VOLTAGE					
	342-418 380	360-440 400	373-456 420	396-484 440	414-506 460	432-528 480
50	* 2	* 2	* 2	* 2	* 2	* 2
100	* 2	* 2	* 2	* 2	* 2	* 2
150	1/0	1	1	* 2	* 2	* 2
200	2/0	2/0	1/0	1/0	1	1
250	3/0	3/0	2/0	2/0	1/0	1/0
300	4/0	4/0	3/0	3/0	2/0	2/0
350	300M	250M	4/0	4/0	3/0	3/0
400	350M	300M	250M	4/0	4/0	3/0
450	400M	350M	300M	250M	250M	4/0



GE Healthcare
 Healthcare Project Implementation - Design Center
 Milwaukee, WI

SHEET TITLE: **ELECTRICAL LAYOUT**
 MODALITY TYPE: **DISCOVERY XR650**

THIS PLAN IS SUBMITTED TO SUPPORT LOCATION OF GE HEALTHCARE EQUIPMENT AND ASSOCIATED ELECTRICAL WIRING DETAILS AND ROOM ARRANGEMENTS. IN PREPARING THIS PLAN, EVERY EFFORT HAS BEEN MADE TO CONFORM TO ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS AND THE COMPANY'S POLICY ON SAFETY AND HEALTH. THE COMPANY ACCEPTS NO LIABILITY OR RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE: **1-140f**
 TYPICAL LAYOUT

PROJECT	REVISION
1-140f	04

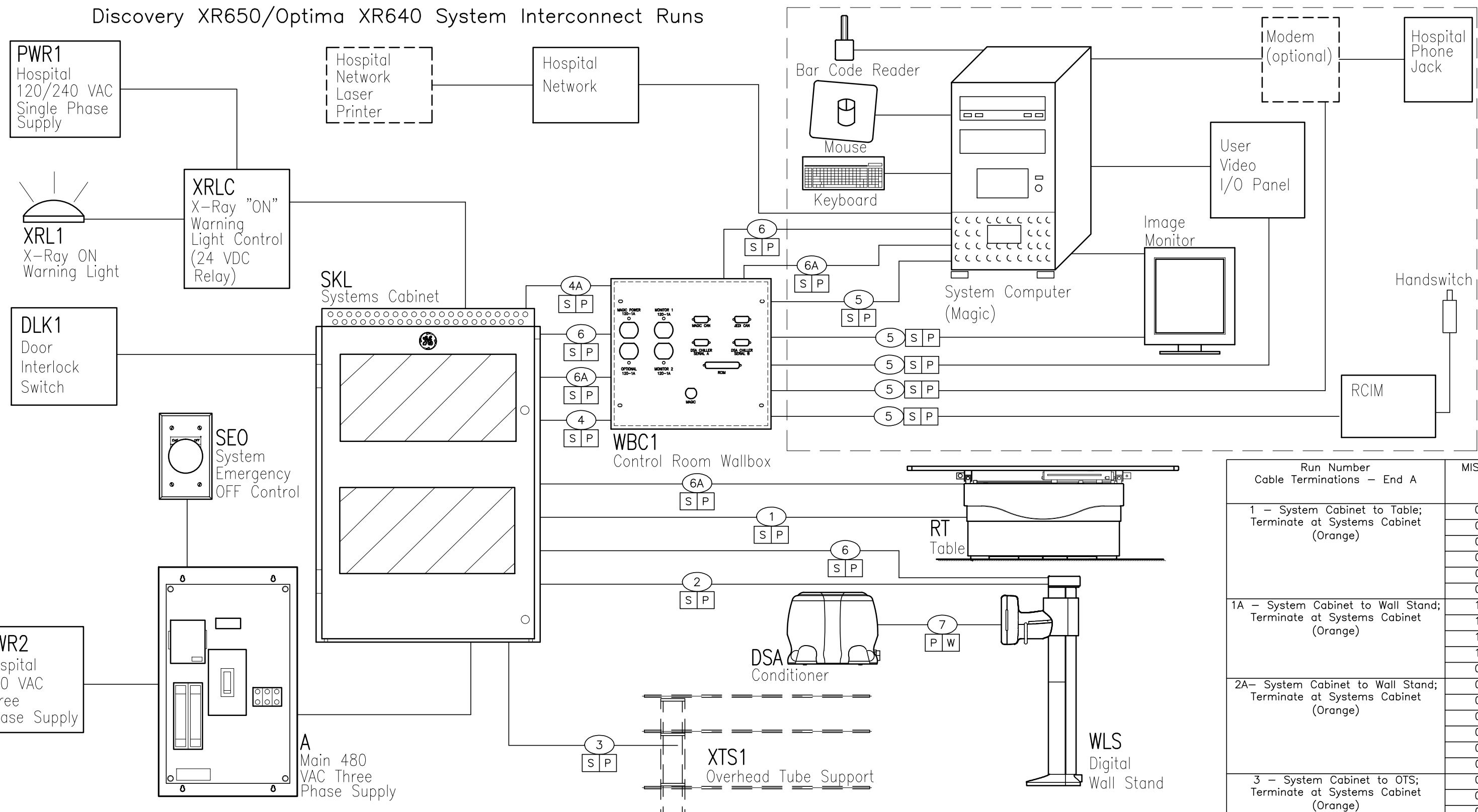
DATE: 10.MAY.13
 DRAWN BY: REK
 CHECKED BY: MKL

REVISION HISTORY:

NO.	DESCRIPTION

SHEET **E1**

INTERCONNECT DIAGRAM



Legend:

- S = Signal Cables
- H = High Voltage
- P = Power & Ground Wires
- A = Air Lines
- W = Water Lines

(23) = Cable Run Numbers

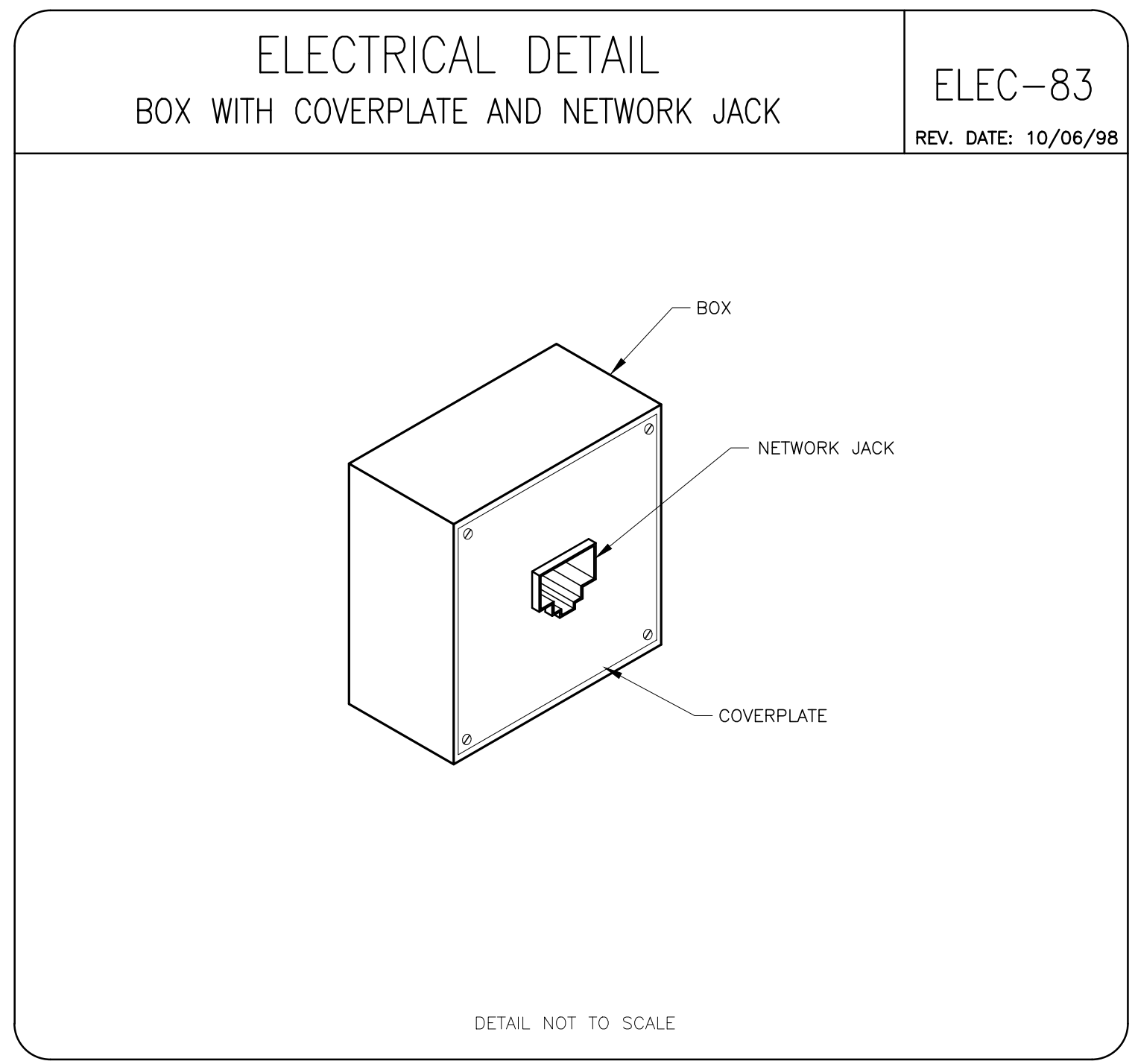
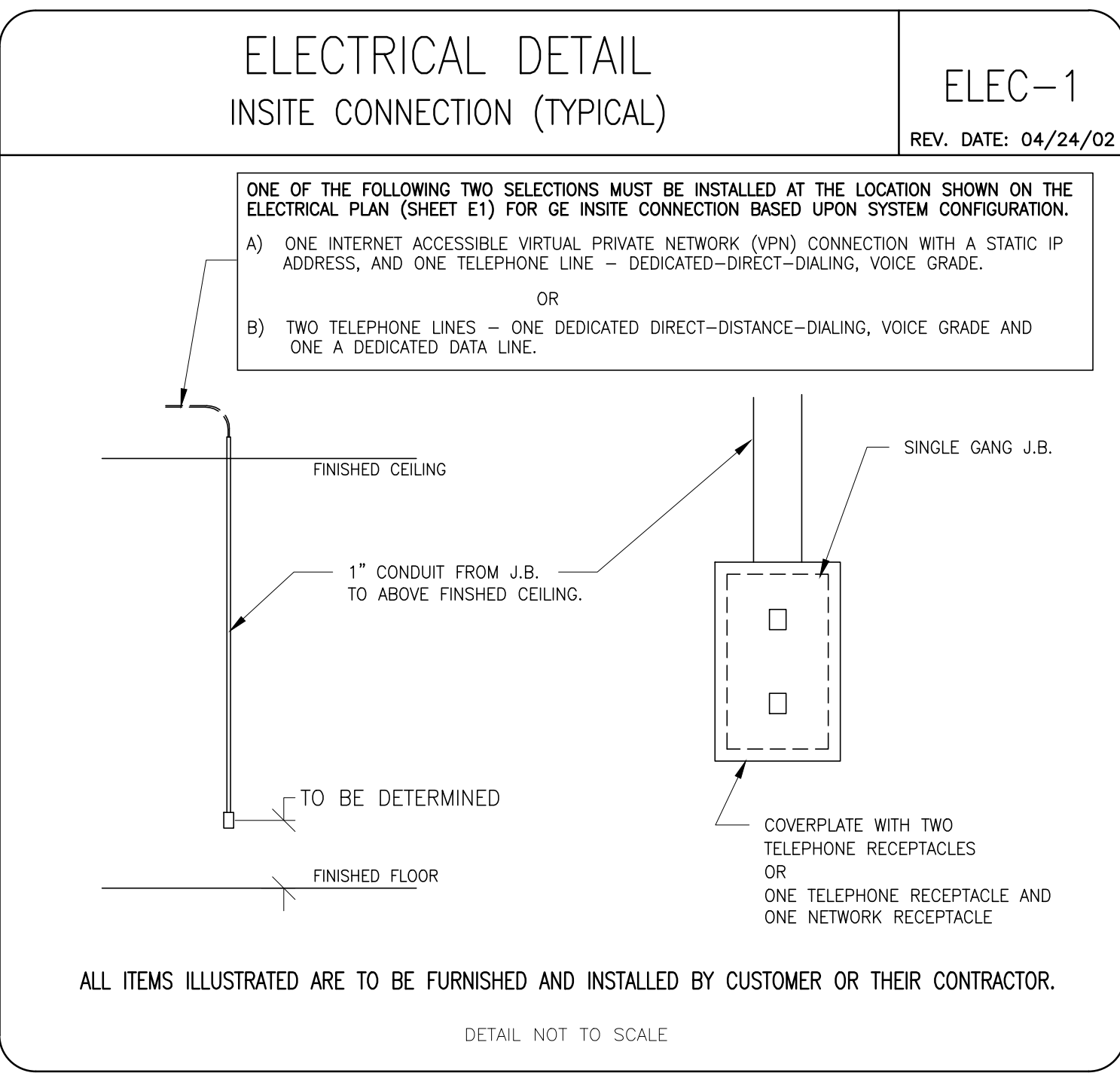
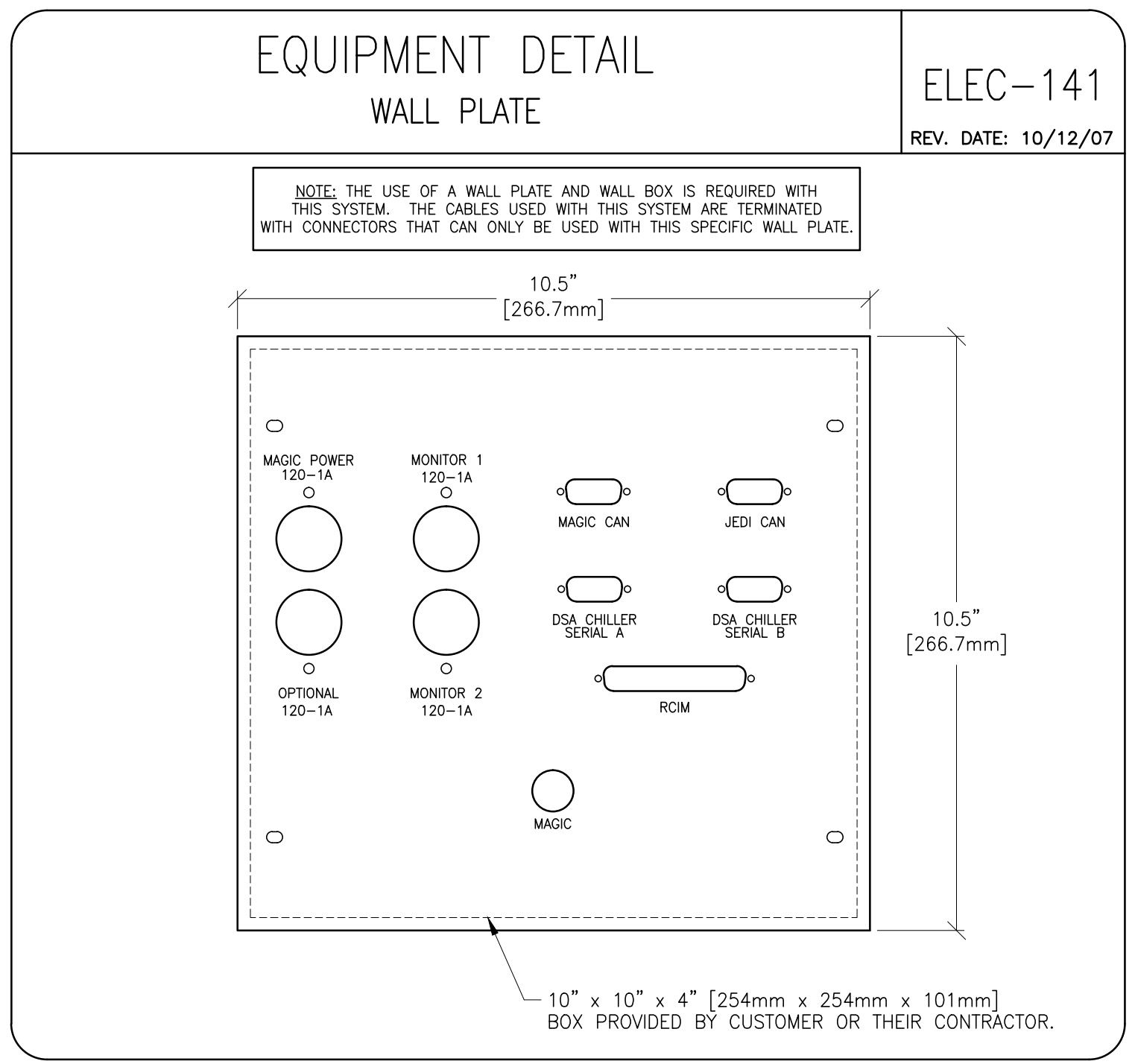
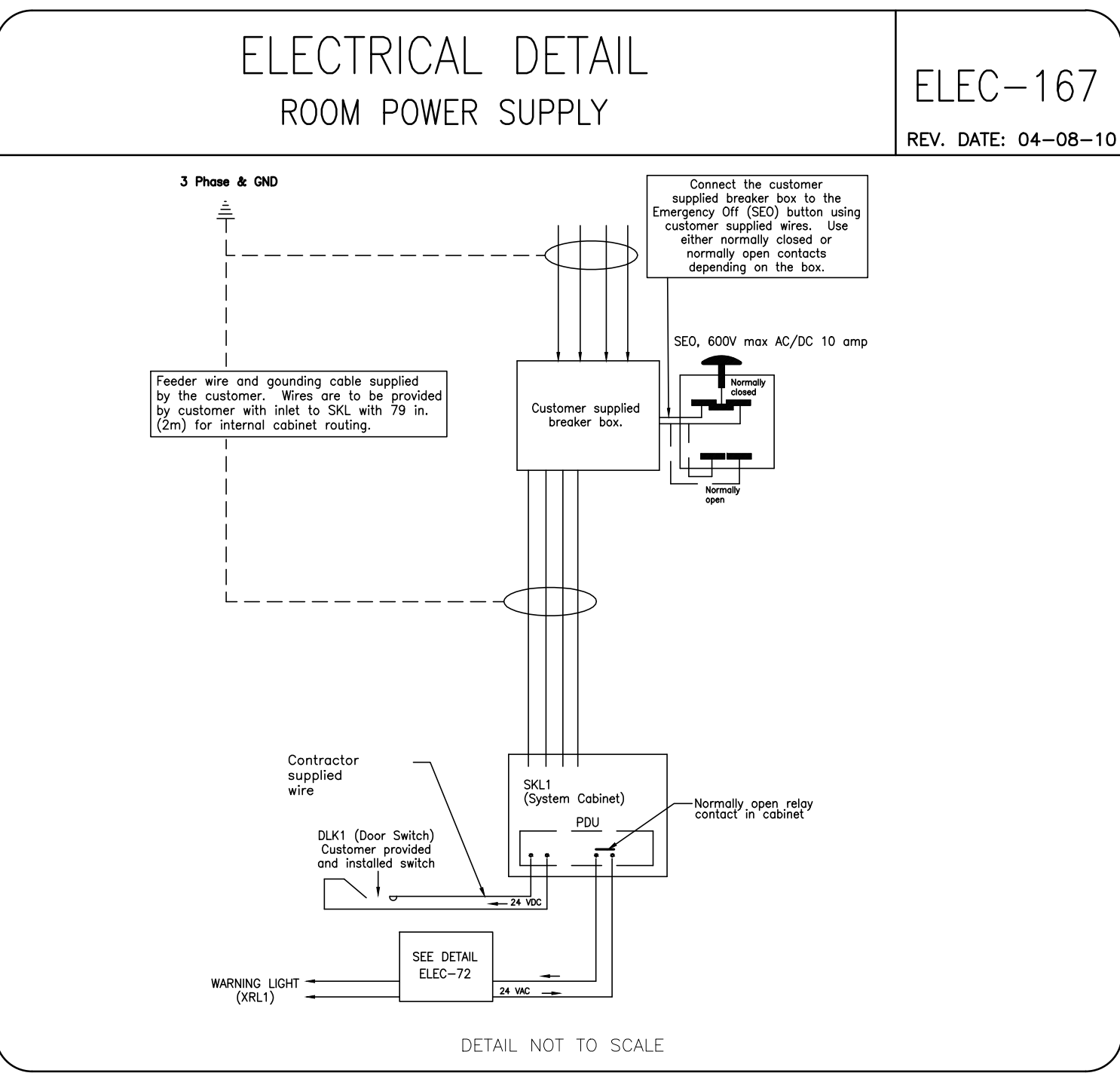
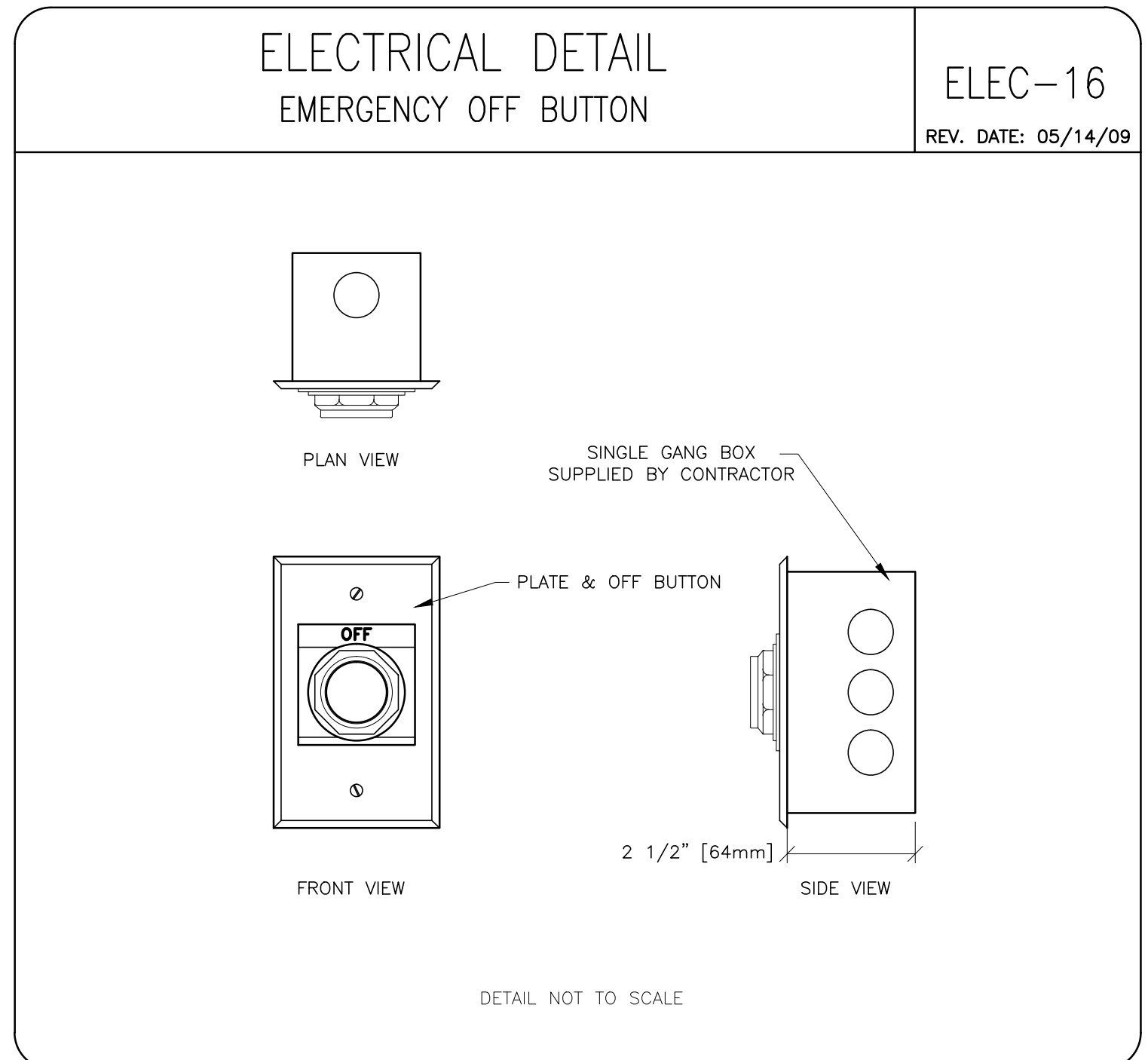
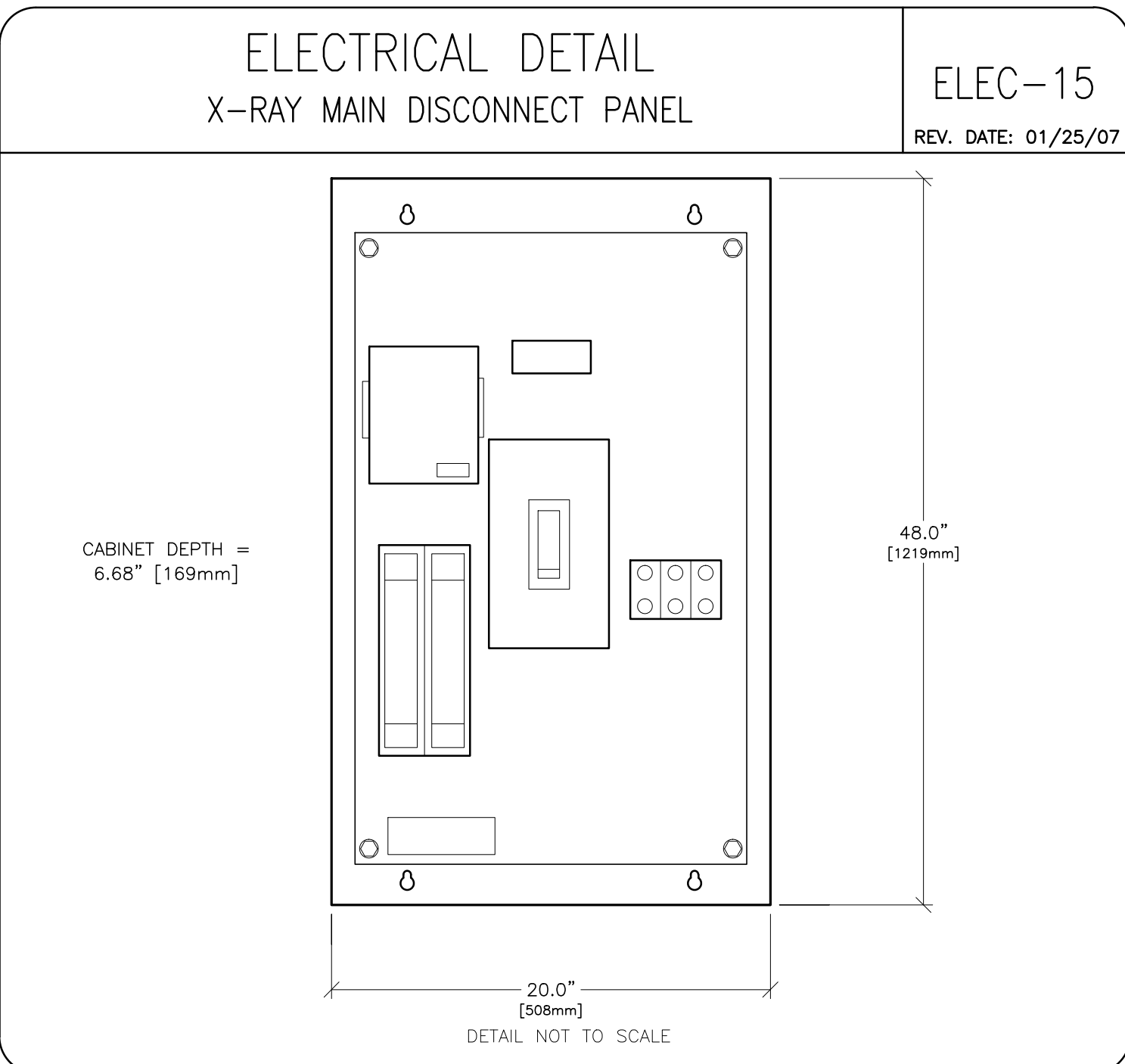
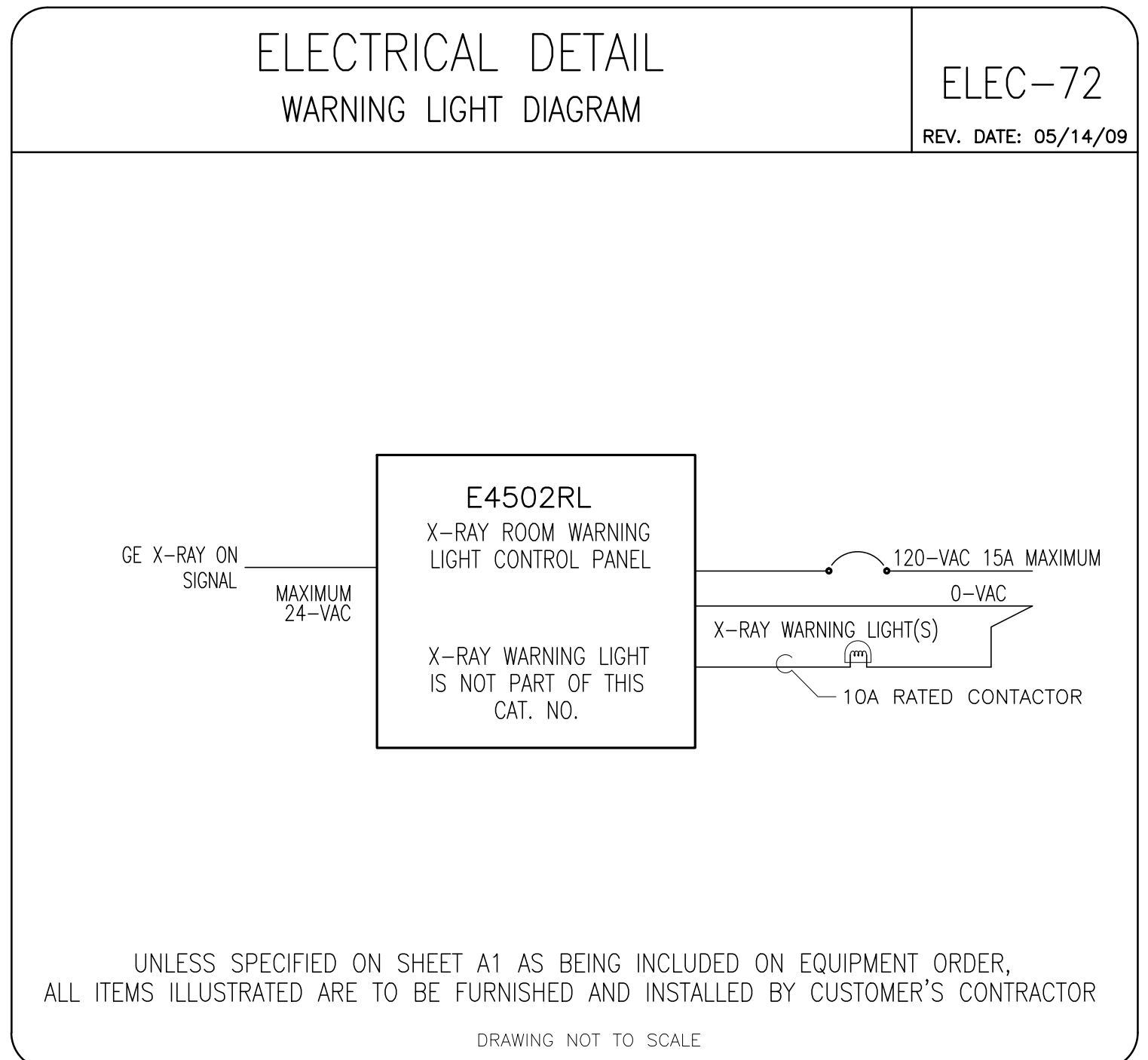
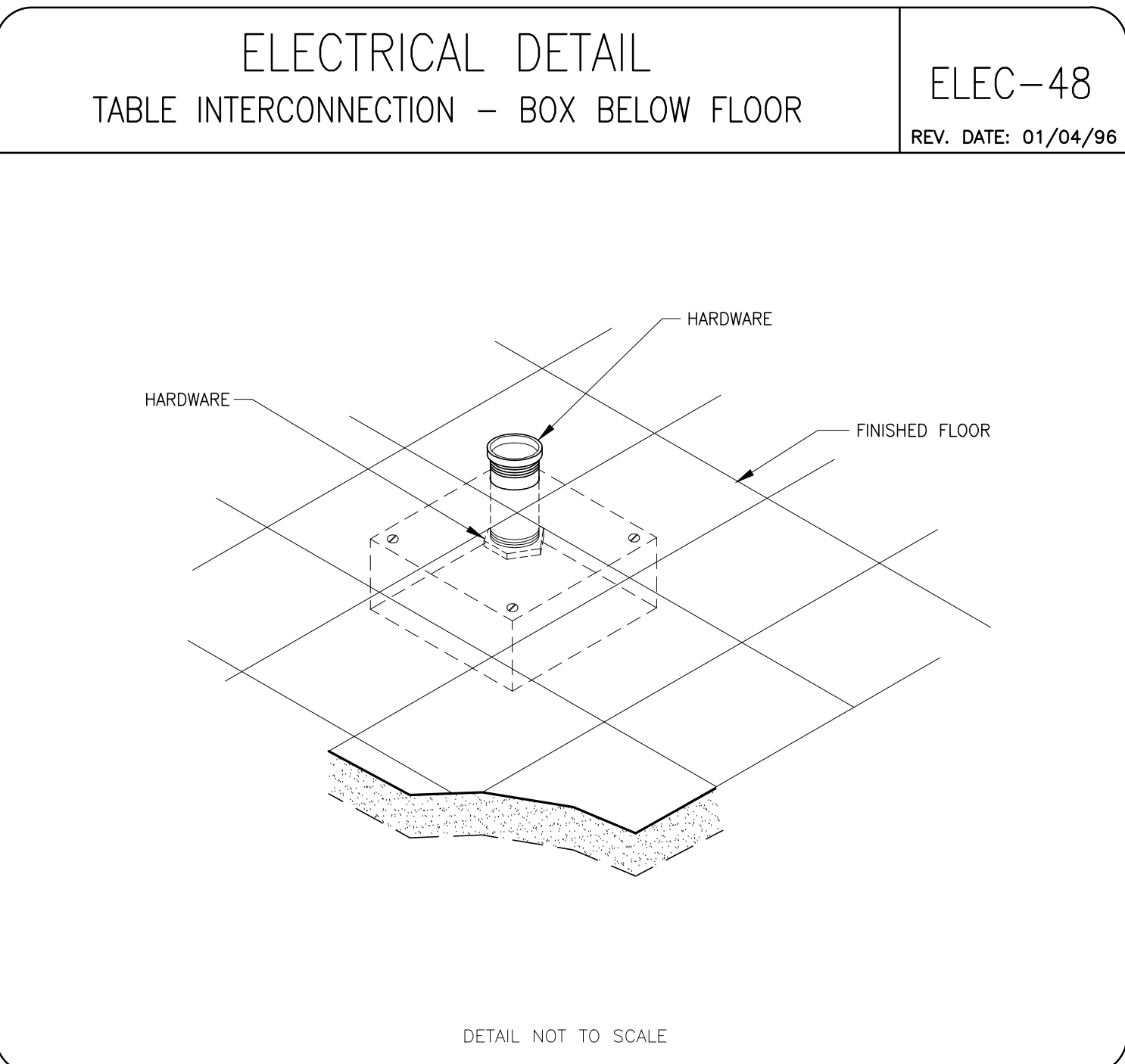
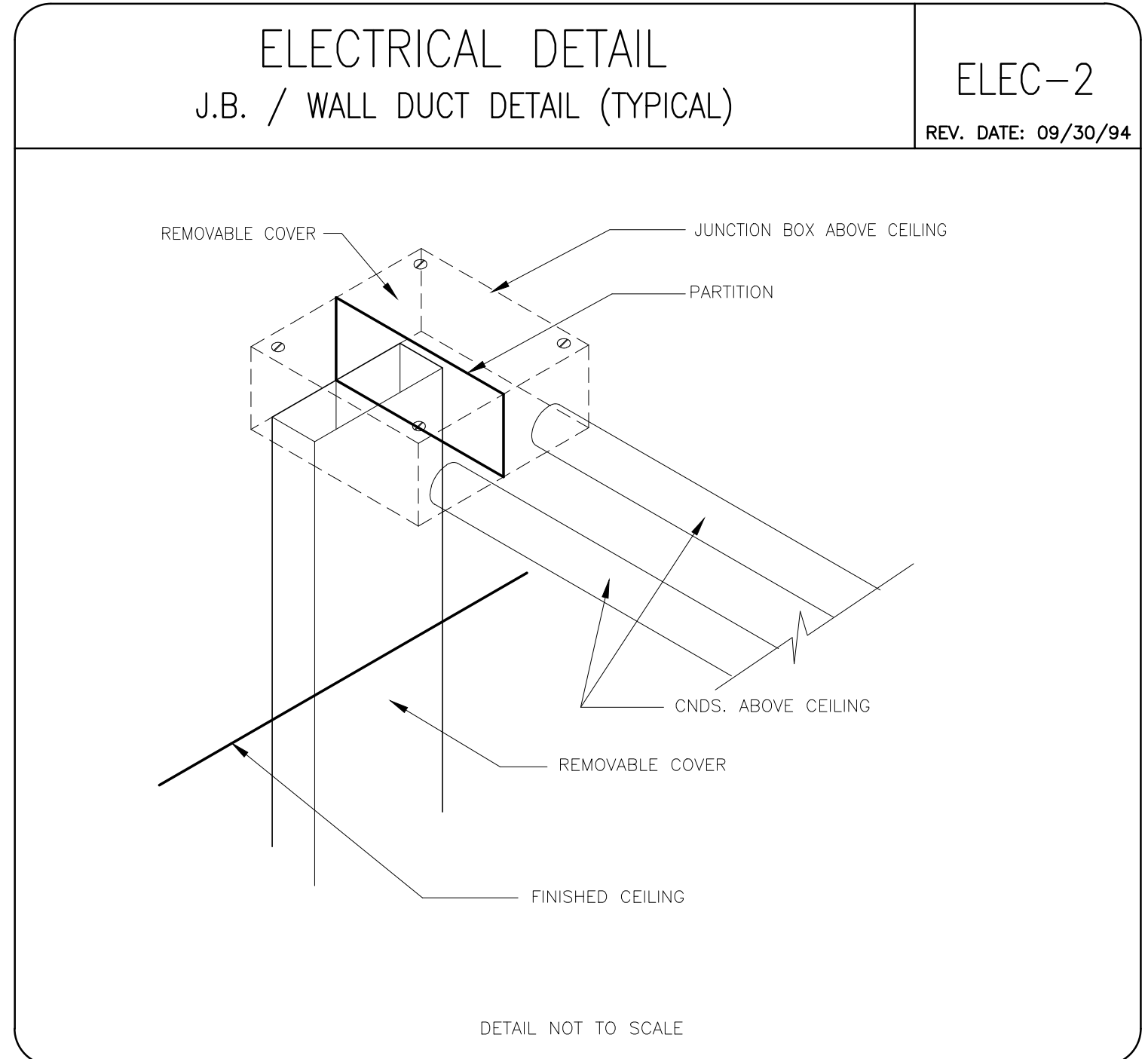
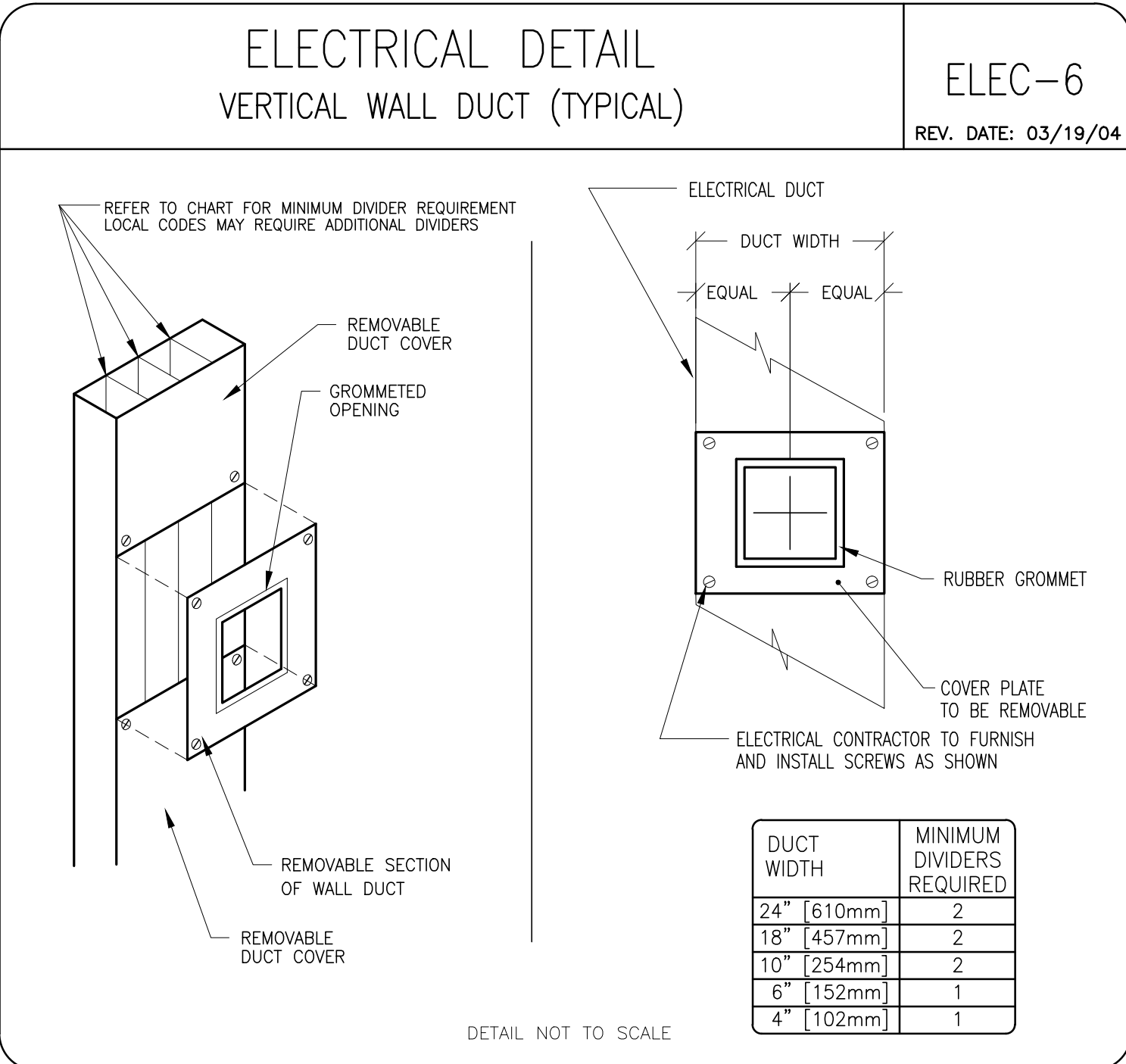
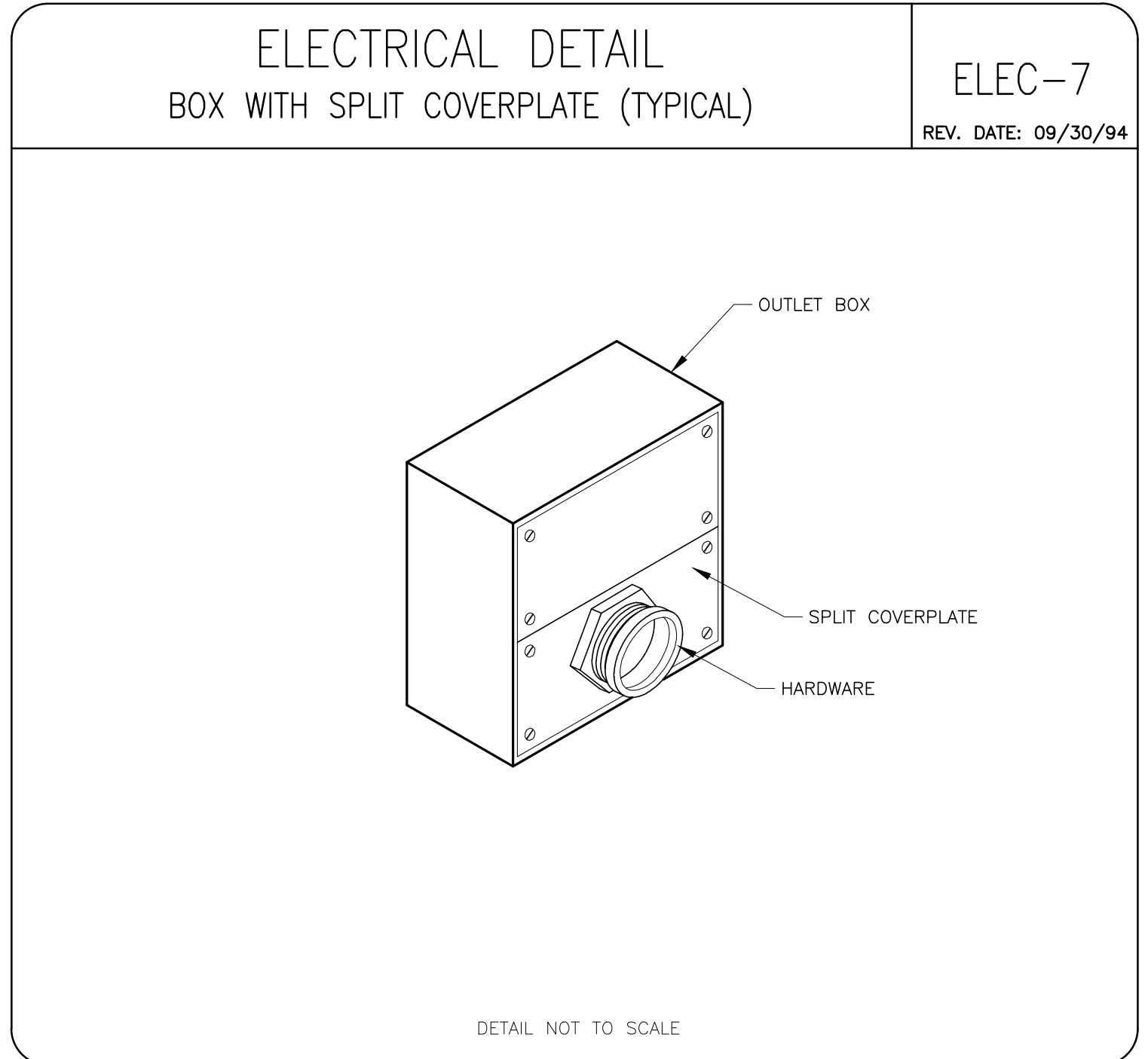
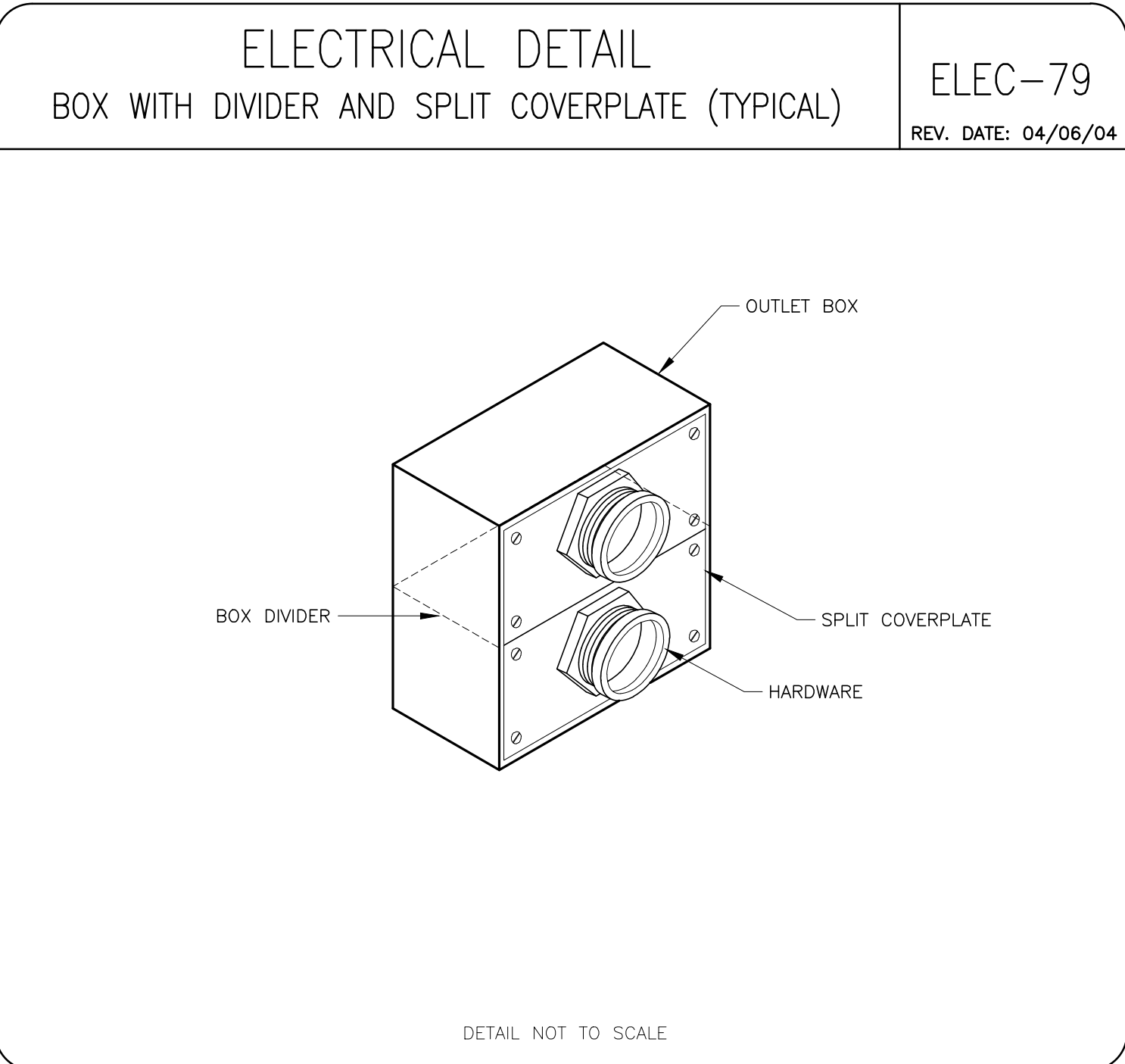
--- = Optional Components

Run Number	MIS Number	Description	Short Cables (Standard)		Long Cables (Optional)		Voltage Rating			
			Part Number	Total Length FEET (METERS)	Usable Length FEET (METERS)	Part Number		Total Length FEET (METERS)	Usable Length FEET (METERS)	
1 - System Cabinet to Table; Terminate at Systems Cabinet (Orange)	020044	Table CANopen	5336144-1 or 5304296-1	52.5 FT. (16M)	41.0 FT. (12.5M)	5336144-7 or 5304296-7	68.8 FT. (21M)	60.6 FT. (18.5M)	300	
	020045	Table Ion Chamber	5336144-2 or 5304296-2	52.5 FT. (16M)	41.0 FT. (12.5M)	5336144-8 or 5304296-8	68.8 FT. (21M)	60.6 FT. (18.5M)	300	
	020046	Table Detector PS 120VAC	5336144-3 or 5304296-3	52.5 FT. (16M)	41.0 FT. (12.5M)	5336144-9 or 5304296-9	68.8 FT. (21M)	60.6 FT. (18.5M)	300	
	020047	(Det. 1) Conditioner Status	5336144-4 or 5304296-4	52.5 FT. (16M)	41.0 FT. (12.5M)	5336144-10 or 5304296-10	68.8 FT. (21M)	60.6 FT. (18.5M)	300	
	020048	Table Emergency Stop RT Line	5336144-5 or 5304296-5	52.5 FT. (16M)	41.0 FT. (12.5M)	5336144-11 or 5304296-11	68.8 FT. (21M)	60.6 FT. (18.5M)	300	
	020049	Table Power 220VAC	5336144-6 or 5304296-6	52.5 FT. (16M)	41.0 FT. (12.5M)	5336144-12 or 5304296-12	68.8 FT. (21M)	60.6 FT. (18.5M)	600	
	020050	Table Ground	5336144-7 or 5304296-7	52.5 FT. (16M)	41.0 FT. (12.5M)	5336144-13 or 5304296-13	68.8 FT. (21M)	60.6 FT. (18.5M)	600	
	020052	Wallstand Conditioner (Det. 2) Conditioner Status	5336144-8 or 5304296-8	49.2 FT. (15M)	42.6 FT. (13M)	5336144-14 or 5304296-14	65.6 FT. (20M)	59.0 FT. (18M)	600	
	020053	Wallstand CAN	5336144-9 or 5304296-9	49.2 FT. (15M)	39.3 FT. (12M)	5336144-15 or 5304296-15	65.6 FT. (20M)	55.7 FT. (17M)	300	
2 - System Cabinet to Wall Stand; Terminate at Systems Cabinet (Yellow)	020057	Wallstand Ion Chamber	5336144-16 or 5304296-16	49.2 FT. (15M)	39.3 FT. (12M)	5336144-16 or 5304296-16	65.6 FT. (20M)	55.7 FT. (17M)	300	
	020058	Wallstand Power 120VAC	5336144-17 or 5304296-17	49.2 FT. (15M)	39.3 FT. (12M)	5336144-17 or 5304296-17	65.6 FT. (20M)	55.7 FT. (17M)	300	
	020059	Wallstand Ground	5336144-18 or 5304296-18	49.2 FT. (15M)	39.3 FT. (12M)	5336144-18 or 5304296-18	65.6 FT. (20M)	55.7 FT. (17M)	600	
	3 - System Cabinet to OTS; Terminate at OTS (Blue)	020012	OTS CAN	5139257-1	49.2 FT. (15M)	44.2 FT. (13.5M)	N/A	N/A	N/A	300
		020013	OTS Tube 1 Stator Fan & Pressure Switch (2 cables in bundled)	5139257-2	65.6 FT. (20M)	60.6 FT. (18.5M)	N/A	N/A	N/A	600/300
		020014	OTS Power	5139257-3	49.2 FT. (15M)	44.2 FT. (13.5M)	N/A	N/A	N/A	600
	4 - System Cabinet to Console Wall Box	020015	OTS Tube 1 Cathode	5139257-4	49.2 FT. (15M)	44.2 FT. (13.5M)	N/A	N/A	N/A	75W
		020016	OTS Tube 1 Anode	5139257-5	49.2 FT. (15M)	44.2 FT. (13.5M)	N/A	N/A	N/A	75W
		020017	OTS Ground	5139257-6	49.2 FT. (15M)	45.9 FT. (14M)	N/A	N/A	N/A	600
020018		Generator (Jedi) CAN	5336446-16 or 2407432-16	65.6 FT. (20M)	59.0 FT. (18M)	N/A	N/A	N/A	300	
020019		System CAN Open	5336446-17 or 2407432-17	65.6 FT. (20M)	59.0 FT. (18M)	N/A	N/A	N/A	300	
020020		Control Room Power	5336446-18 or 2407432-18	65.6 FT. (20M)	59.0 FT. (18M)	N/A	N/A	N/A	600	
020021		Ground	5336446-19 or 2407432-19	65.6 FT. (20M)	59.0 FT. (18M)	N/A	N/A	N/A	600	
020022		RCIM2	5336446-20 or 2407432-20	65.6 FT. (20M)	59.0 FT. (18M)	N/A	N/A	N/A	600	
020023		Table Conditioner Serial A	5336446-21 or 5139187-8	65.6 FT. (20M)	62.3 FT. (19M)	N/A	N/A	N/A	300	
4A - System Cabinet to System Computer (via Wall Box); Terminate at System Computer (Yellow)	020024	DSA Conditioner Serial B	5336447-8 or 5139187-9	65.6 FT. (20M)	62.3 FT. (19M)	N/A	N/A	N/A	300	
	020025	Ground	5336446-41 or 2407432-42	75.4 FT. (23M)	62.3 FT. (19M)	N/A	N/A	N/A	N/A	
	5 - Wall Box to System Computer or Control Components; Terminate at System Computer (Yellow)	11590A	External Ethernet (customer supplied)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		11767A	Generator (Jedi) CAN	5336446-23 or 2407432-24	9.8 FT. (3M)	9.8 FT. (3M)	N/A	N/A	N/A	300
		11768A	System CAN Open	5336446-24 or 2407432-25	9.8 FT. (3M)	9.8 FT. (3M)	N/A	N/A	N/A	300
		11770A	120VAC from PDU	5336446-26 or 2407432-27	9.8 FT. (3M)	9.8 FT. (3M)	N/A	N/A	N/A	300
		11774A	120VAC for right monitor	5336446-38 or 2407432-39	9.8 FT. (3M)	9.8 FT. (3M)	N/A	N/A	N/A	300
		11775A	120VAC for left monitor	5336446-39 or 2407432-40	9.8 FT. (3M)	9.8 FT. (3M)	N/A	N/A	N/A	300
		20010	Table Conditioner Serial	5336447-9 or 5139187-10	9.8 FT. (3M)	9.8 FT. (3M)	N/A	N/A	N/A	300
20011		DSA Conditioner Serial	5336447-10 or 5139187-11	9.8 FT. (3M)	9.8 FT. (3M)	N/A	N/A	N/A	300	
020065		RCIM2	5336144-25 or 5304296-25	9.8 FT. (3M)	9.8 FT. (3M)	N/A	N/A	N/A	300	
6 - System Computer to Wallstand (via Wall Box and System Cabinet); Terminate at Wall Stand (Blue)	020069	Ethernet - Wallstand Detector	5336144-30 or 5304296-30	147.6 FT. (45M)	137.5 FT. (42M)	N/A	N/A	N/A	125	
	020067	Ethernet - Table Detector	5336144-28 or 5304296-28	147.6 FT. (45M)	137.5 FT. (42M)	N/A	N/A	N/A	125	
	020068	Ethernet - Third Part	5336144-29 or 5304296-29	147.6 FT. (45M)	142.7 FT. (43.5M)	N/A	N/A	N/A	125	
7 - Wall Stand to DSA; Terminate at DSA (No Color)	020071	Power Supply CAN	5313845	9.8 FT. (3M)	3.2 FT. (1M)	N/A	N/A	N/A	300	
	020042	Detector Power (DC)	5304424	8.2 FT. (2.5M)	3.2 FT. (1M)	N/A	N/A	N/A	300	
	020043	Gnd	5304921	4.9 FT. (1.5M)	3.2 FT. (1M)	N/A	N/A	N/A	600	

REV. DATE: 26-Sep-11

Run Number	Cable End A Connector Type	Cable End B Termination	Connector Dimensions		Area (sq. in.)				
			Width in (mm)	Height in (mm)					
1 - System Cabinet to Table; Terminate at Systems Cabinet (Orange)	020044	9 pin Sub-D (M)	A25 J106	1.34 (34.04)	0.63 (16.06)	0.38 (9.75)	0.113		
	020045	15 pin Sub-D (F)	A25 J81	1.32 (33.71)	0.63 (16.06)	0.3 (7.76)	0.071		
	020046	3 pin Mate 'n Lok	A25 J4	1.11 (28.42)	0.58 (14.79)	0.32 (8.14)	0.08		
	020047	9 pin Sub-D (M)	A25 J103	1.32 (33.53)	0.64 (16.3)	0.3 (7.55)	0.071		
	020049	6 pin Mate 'n Lok	A25 J5	1.1 (27.94)	0.9 (22.86)	0.3 (7.62)	0.071		
	020050	1/4" Ring Terminal	GND Stud	A25 J2	0.5 (12.7)	0.28 (7.11)	0.5 (12.7)	0.196	
	11760A	9 pin Sub-D (M)	A25 J108	1.31 (33.27)	0.65 (16.51)	0.4 (10.16)	0.125		
	11761A	9 pin Sub-D (M)	A25 J107	1.31 (33.27)	0.65 (16.51)	0.4 (10.16)	0.125		
	11763A	3 pin Mate 'n Lok	A25 J6	1.16 (29.46)	0.58 (14.73)	0.35 (8.89)	0.096		
1A - System Cabinet to Wall Stand; Terminate at Systems Cabinet (Orange)	11764A	1/4" Ring Terminal	GND Stud	A25 J2	0.5 (12.7)	0.28 (7.11)	0.25 (6.35)	0.049	
	020064	50 pin Sub-D (M)	A25 J109	2.3 (58.42)	0.81 (20.57)	0.35 (8.89)	0.096		
	020056	9 pin Sub-D (M)	A25 J206	1.34 (34.04)	0.63 (16.06)	0.38 (9.75)	0.113		
	020057	15 pin Sub-D (M)	A25 J14	1.66 (42.20)	0.627 (15.93)	0.31 (7.92)	0.075		
	020058	3 pin Mate 'n Lok	A25 J1	1.12 (28.61)	0.58 (14.79)	0.31 (8.06)	0.075		
	020052	3 pin Mate 'n Lok	A25 J2	1.12 (28.61)	0.58 (14.79)	0.31 (8.06)	0.075		
	020053	9 pin Sub-D (M)	A25 J203	1.32 (33.53)	0.64 (16.3)	0.29 (7.35)	0.066		
	020059	1/4" Ring Terminal	GND Stud	A25 J2	0.5 (12.7)	0.28 (7.11)	0.5 (12.7)	0.196	
	020012	9 pin Sub-D (M)	A25 J41	1.34 (34.04)	0.63 (16.06)	0.38 (9.75)	0.113		
2 - System Cabinet to Wall Stand; Terminate at Systems Cabinet (Orange)	020014	3 pin Mate 'n Lok	A25 J5	1.14 (29)	1.11 (28)	0.32 (8)	0.08		
	020013	12 pin Mate 'n Lok	A25 J42	1.42 (36)	1.06 (27)	0.79 (20)	0.49		
	020015	HV "Candle Stick"	A9	1.97 (50)	5.51 (140)	0.63 (16)	0.31		
	020016	HV "Candle Stick"	A9	1.97 (50)	5.51 (140)	0.63 (16)	0.31		
	020017	1/4" Ring Terminal	GND Stud	A25 J2	0.5 (12.7)	0.28 (7.11)	0.5 (12.7)	0.196	
	020009	9 pin Sub-D (M)	Serial B	A7	1.28 (32.51)	0.63 (16)	0.35 (8.89)	0.096	
	020008	9 pin Sub-D (F)	Serial A	A7	1.28 (32.51)	0.63 (16)	0.35 (8.89)	0.096	
	11776A	1/4" Ring Terminal	SKL GND	A7	0.5 (12.7)	0.28 (7.11)	0.25 (6.35)	0.049	
	11590A	RJ 45	Gen. (Jedi) CAN	A6 J1	0.46 (11.68)	0.32 (8.04)	0.22 (5.63)	0.038	
3 - System Cabinet to OTS; Terminate at Systems Cabinet (Orange)	11767A	9 pin Sub-D (M)	Gen. (Jedi) CAN	A6 J1	0.46 (11.68)	0.32 (8.04)	0.22 (5.63)	0.038	
	11768A	9 pin Sub-D (M)	WB1 CAN	A6 J1	0.46 (11.68)	0.32 (8.04)	0.22 (5.63)	0.038	
	020065	26 pin Sub-D (M)	WB1RCIM	A6 J1	0.46 (11.68)	0.32 (8.04)	0.22 (5.63)	0.038	
	11770A	NEMA 5-15 P	WB1Power	A6 J1	1 (25.25)	0.75 (19.02)	0.35 (8.89)	0.096	
	20010	9 pin Sub-D (F)	WB1 TBL Conditioner Serial A	A6 J1	1.28 (32.51)	0.63 (16)	0.35 (8.89)	0.096	
	4 - System Cabinet to System Computer (via Wall Box); Terminate at System Computer (Yellow)	020011	9 pin Sub-D (M)	WB1 Serial B	A7	1.28 (32.51)	0.63 (16)	0.35 (8.89)	0.096
		020069	RJ 45	J4	A6 J1	0.46 (11.68)	0.32 (8.04)	0.22 (5.63)	0.038
		020067	RJ 45	J5	A6 J1	0.46 (11.68)	0.32 (8.04)	0.22 (5.63)	0.038
		020068	RJ 45	J6	A6 J1	0.46 (11.68)	0.32 (8.04)	0.22 (5.63)	0.038
020042		IEC 320	A6 J4	A6 J4	0.827 (21)	1.13 (28.7)	0.33 (8.38)	0.086	
020043		1/4" Ring Terminal	A7 - GND Stud	A7	0.042 (1)	1.078 (27.38)	0.213 (5.41)	0.0357	
020071		Serial 9 Pin Sub-D Mate	A6 J3	A6 J3	0.494 (12.55)	1.213 (30.81)	0.32 (8)	0.08	
5 - Wall Box to System Computer or Control Components; Terminate at Hospital Network		020009	9 pin Sub-D (M)	Serial B	A7	1.28 (32.51)	0.63 (16)	0.35 (8.89)	0.096
		020008	9 pin Sub-D (F)	Serial A	A7	1.28 (32.51)	0.63 (16)	0.35 (8.89)	0.096
	11776A	1/4" Ring Terminal	SKL GND	A7	0.5 (12.7)	0.28 (7.11)	0.25 (6.35)	0.049	
	11590A	RJ 45	Gen. (Jedi) CAN	A6 J1	0.46 (11.68)	0.32 (8.04)	0.22 (5.63)	0.038	
	11767A	9 pin Sub-D (M)	Gen. (Jedi) CAN	A6 J1	0.46 (11.68)	0.32 (8.04)	0.22 (5.63)	0.038	
	11768A	9 pin Sub-D (M)	WB1 CAN	A6 J1	0.46 (11.68)	0.32 (8.04)	0.22 (5.63)	0.038	
	020065	26 pin Sub-D (M)	WB1RCIM	A6 J1	0.46 (11.68)	0.32 (8.04)	0.22 (5.63)	0.038	
	11770A	NEMA 5-15 P	WB1Power	A6 J1	1 (25.25)	0.75 (19.02)	0.35 (8.89)	0.096	
	20010	9 pin Sub-D (F)	WB1 TBL Conditioner Serial A	A6 J1	1.28 (32.51)	0.63 (16)	0.35 (8.89)	0.096	

Run Number	Cable End A Connector Type	Cable End B Termination	Connector Dimensions		Area (sq. in.)		
			Width in (mm)	Height in (mm)			
1 - System Cabinet to Table; Terminate at Table (Brown)	020044	9 pin Sub-D (F)	A0 J5	1.34 (33.97)	0.64 (16.18)	0.38 (9.66)	0.113
	020045	15 pin Sub-D (F)	A0 J4	1.66 (42.20)	0.63 (15.93)	0.31 (7.77)	0.075
	020046	IEC 320 (FO)	A0 J2	1.31 (28.88)	0.82 (20.84)	0.35 (8.8)	0.096
	020047	9 pin Sub-D (M)	A0 J3	1.31 (33.29)	0.64 (16.27)	0.31 (7.77)	0.075
	020048	9 pin Sub-D (F)	A0 J6	1.3 (33.16)	0.68 (16.19)	0.32 (8.09)	0.08
	020049	6 pin Mate 'n Lok	A0 J1	1.3 (33.16)	0.68 (16.19)	0.32 (8.09)	0.08
	020050	1/4" Ring Terminal	A0	0.5 (12.7)	0.28 (7.11)	0.25 (6.35)	0.049
	020052	IEC 320	A1 J5	1.14 (29.05)	0.83 (20.97)	0.37 (8.32)	0.108
	020053	9 pin Sub-D (M)	A6 J2	1.31 (33.28)	0.65 (16.6)	0.31 (7.77)	0.075
2 - System Cabinet to Wall Stand; Terminate at Wall Stand (Blue)	020056	9 pin Sub-D (F)	A1 J2	1.31 (33.28)	0.65 (16.6)	0.31 (7.77)	0.075
	020057	9 pin Sub-D (F)	A1 J1	1.32 (33.68)	0.65 (16.69)	0.29 (7.38)	0



PROJECT	REVISION
1-140f	04
DATE:	10.May.13
DRAWN BY:	REK
CHECKED BY:	MKL

REVISION HISTORY:

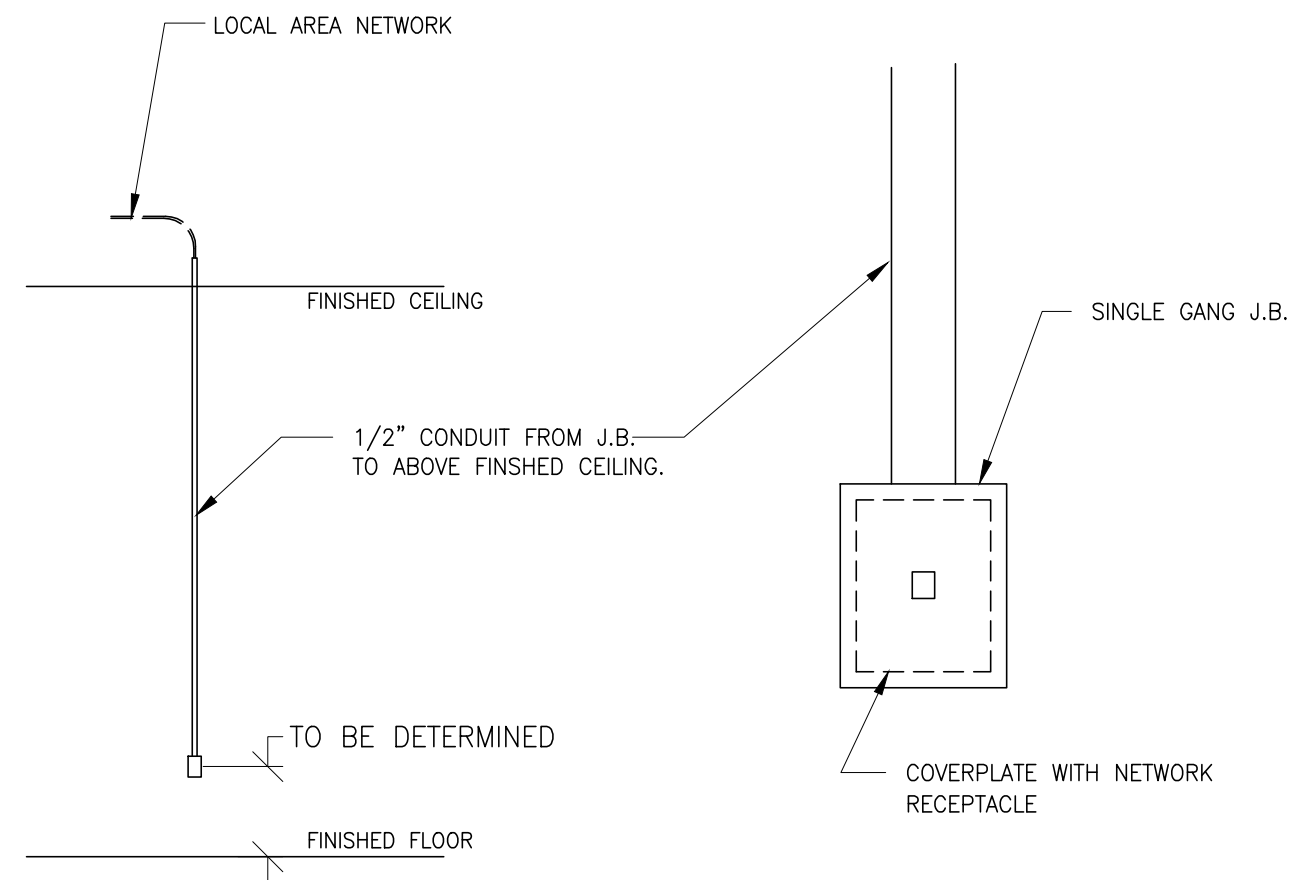
PIM R8
RQ - 135244

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.



DETAIL NOT TO SCALE

SHEET TITLE: ELECTRICAL DETAILS
MODALITY TYPE: DISCOVERY XR650

THIS PLAN IS SUBMITTED TO SURVEY LOCATION OF GE HEALTHCARE EQUIPMENT AND ASSOCIATED APPARATUS. ELECTRICAL WIRING DETAILS AND ROOM ARRANGEMENTS IN PREPARING THIS PLAN, EVERY EFFORT HAS BEEN MADE TO CONFORM DETAILS TO THE SPECIFICATIONS AND TO THE GENERAL CONDITIONS OF THE CONTRACT. THE COMPANY ASSUMES NO LIABILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE:

1-140f
TYPICAL LAYOUT

PROJECT	REVISION
1-140f	04

DATE: 10.May.13
DRAWN BY: REK
CHECKED BY: MKL

REVISION HISTORY:

SHEET

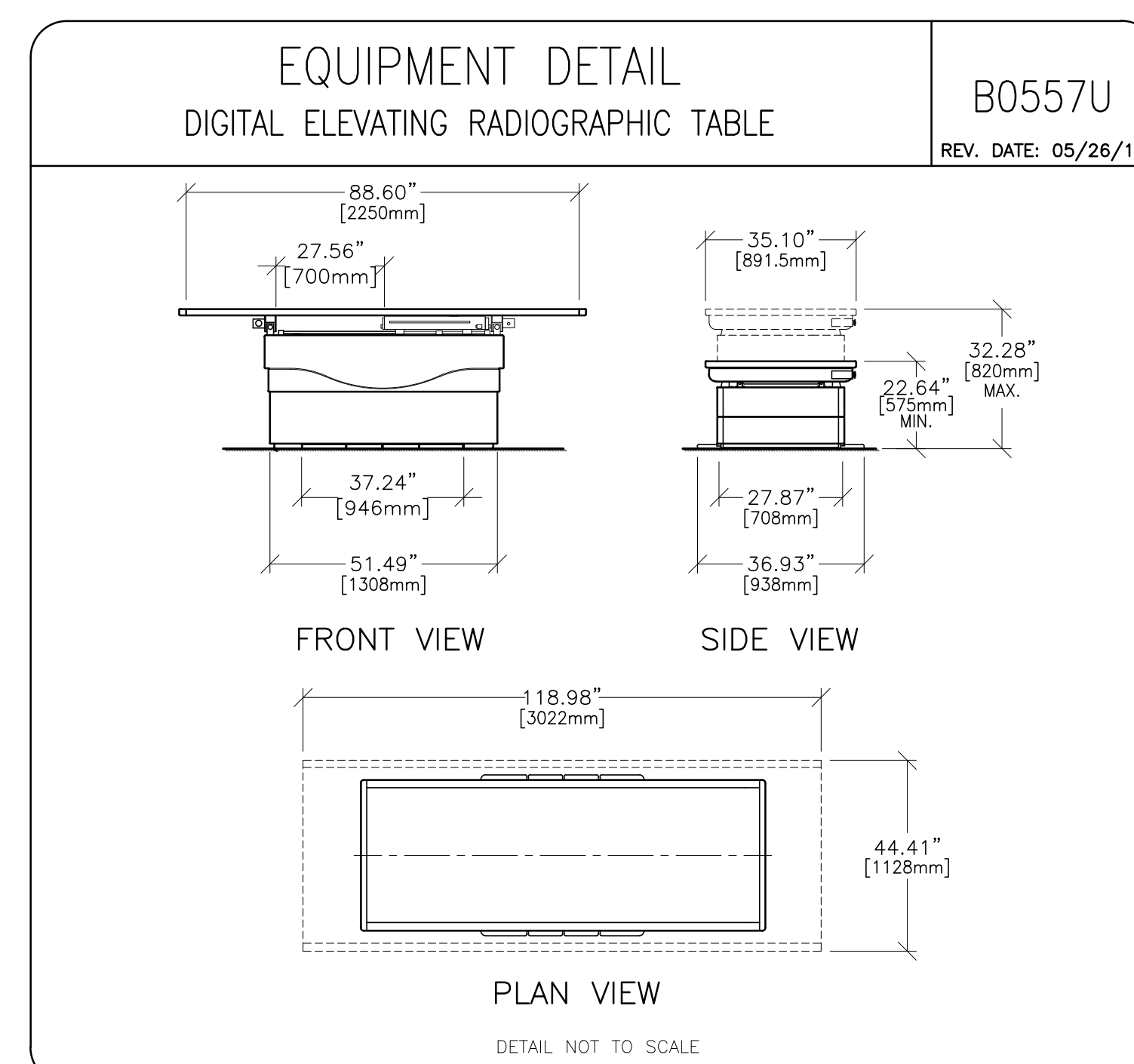
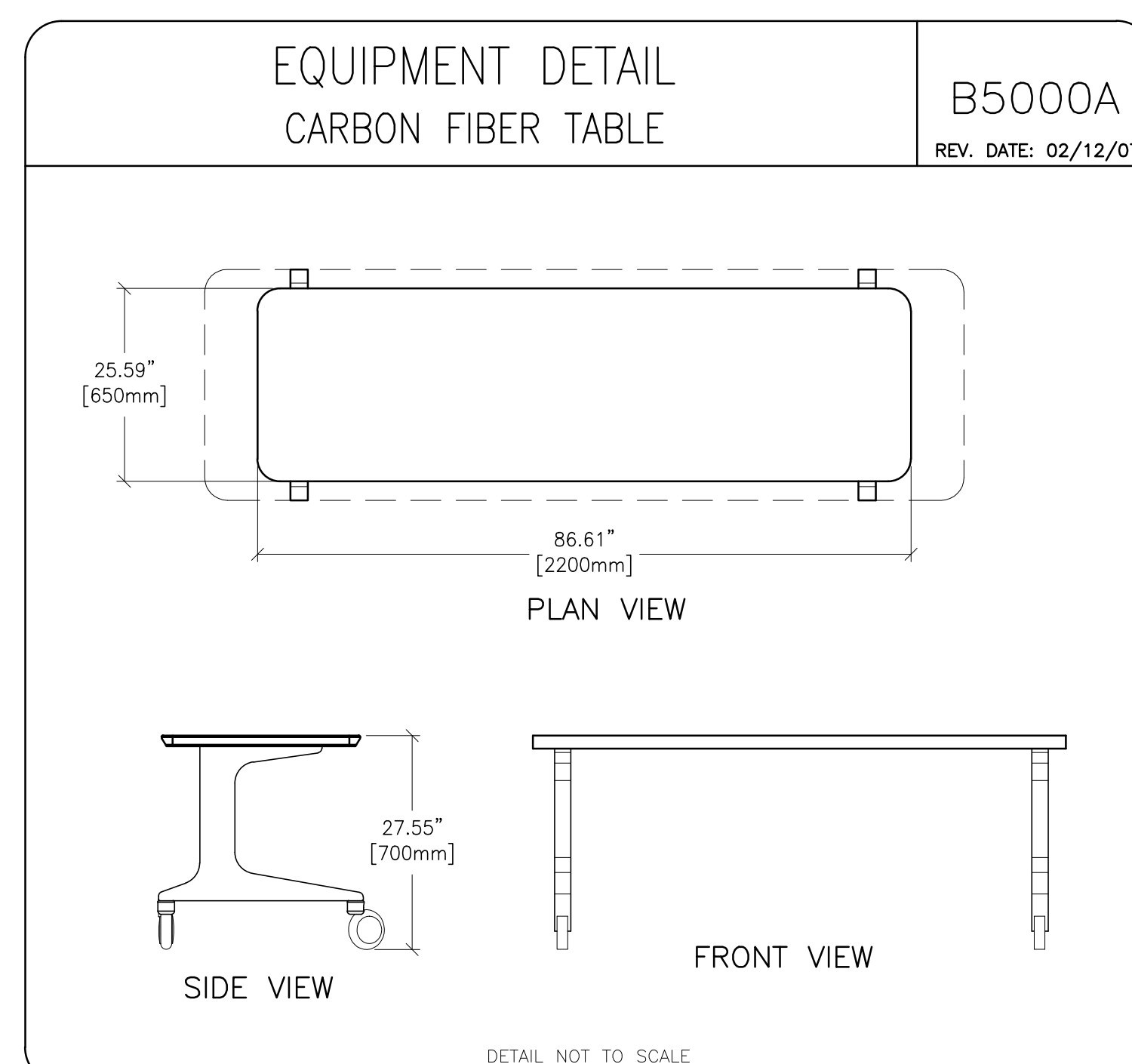
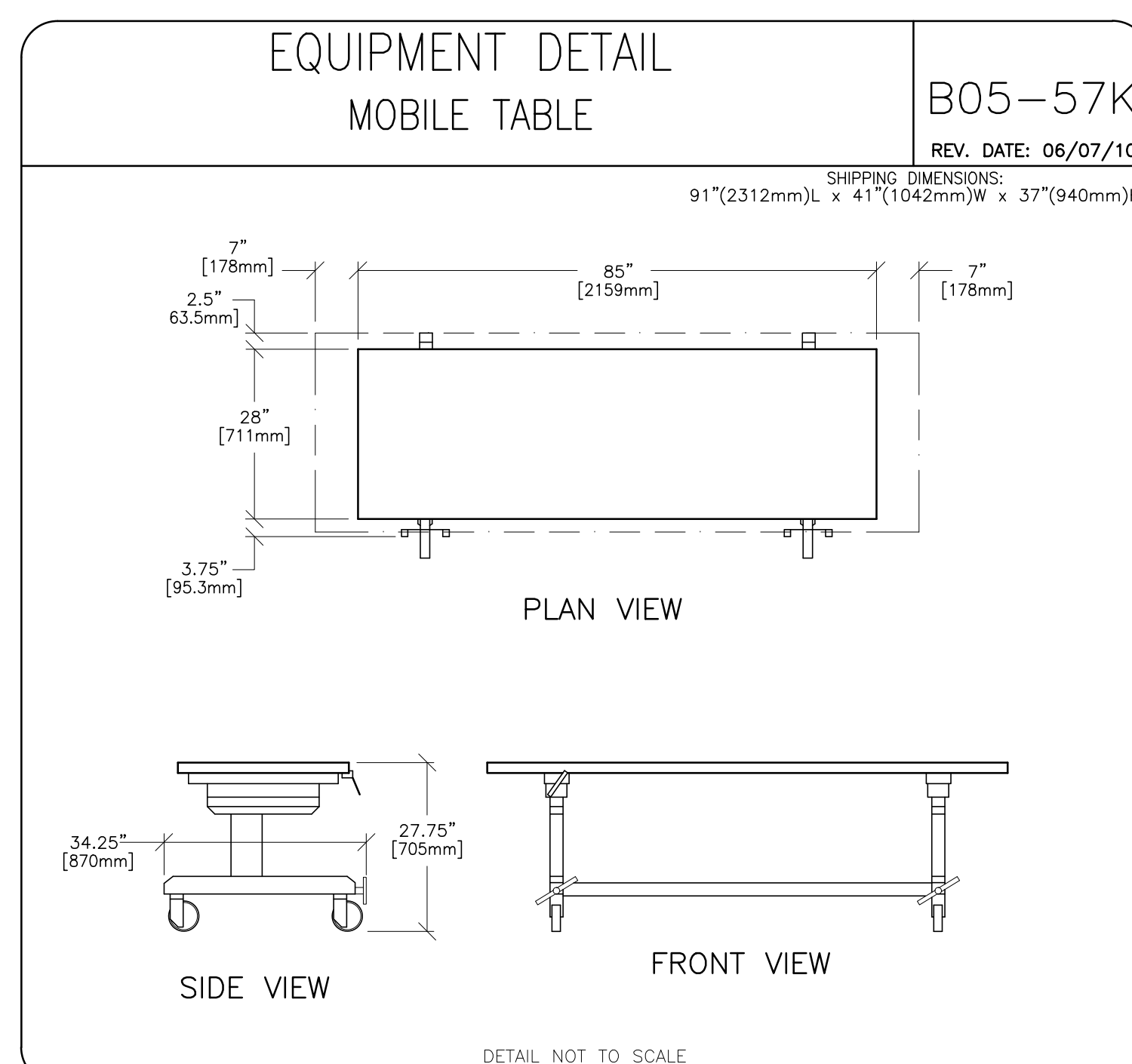
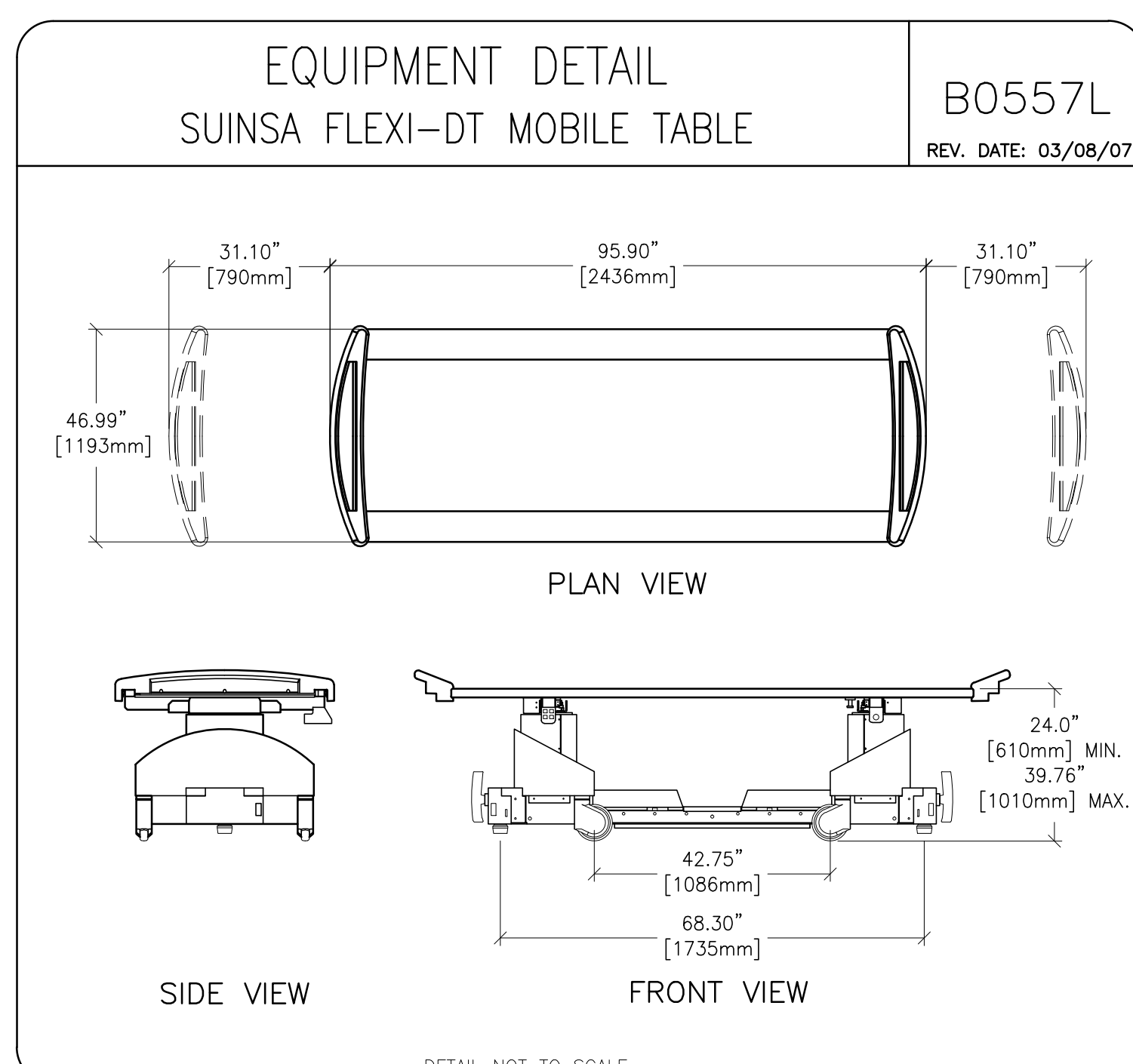
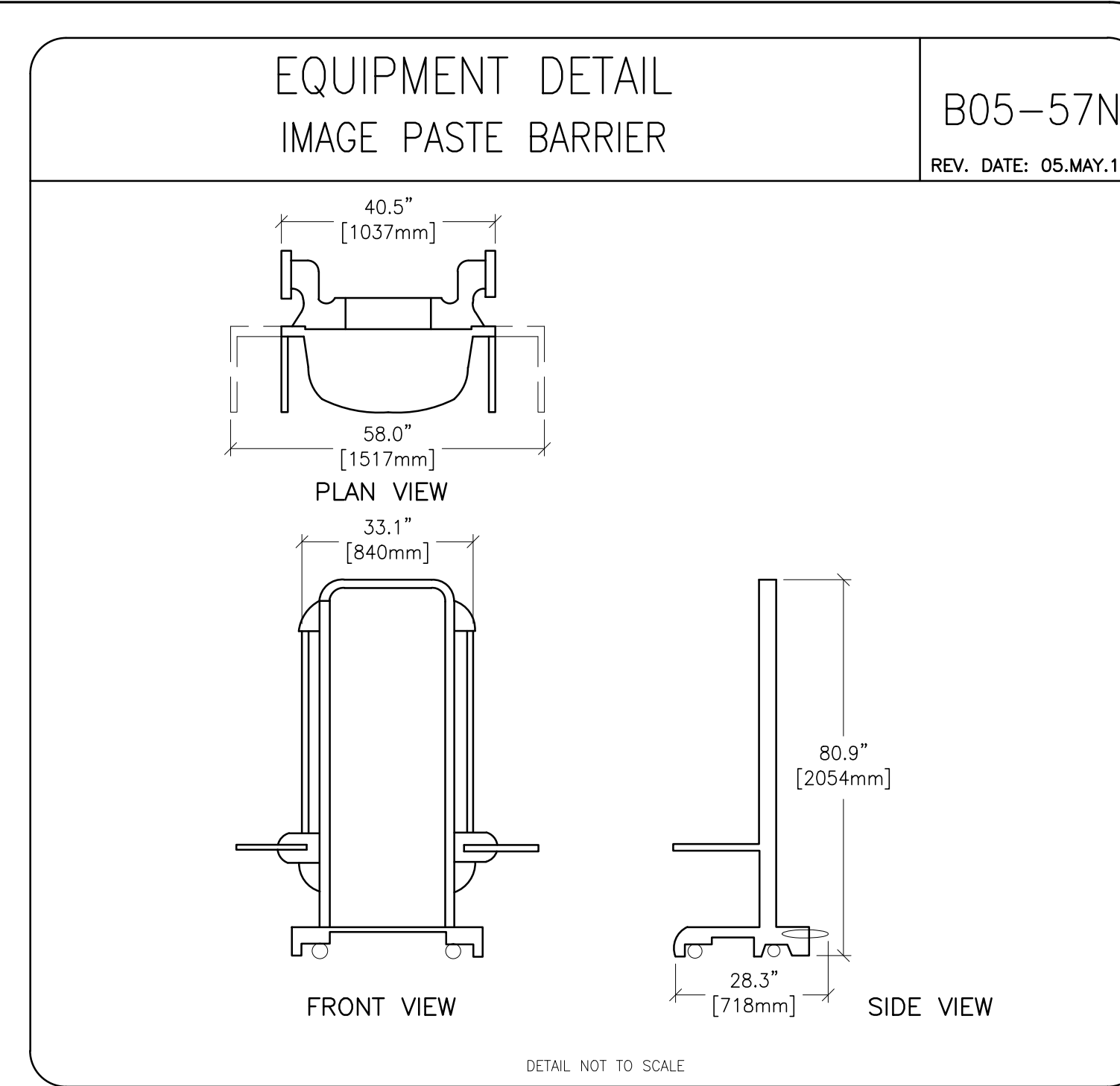
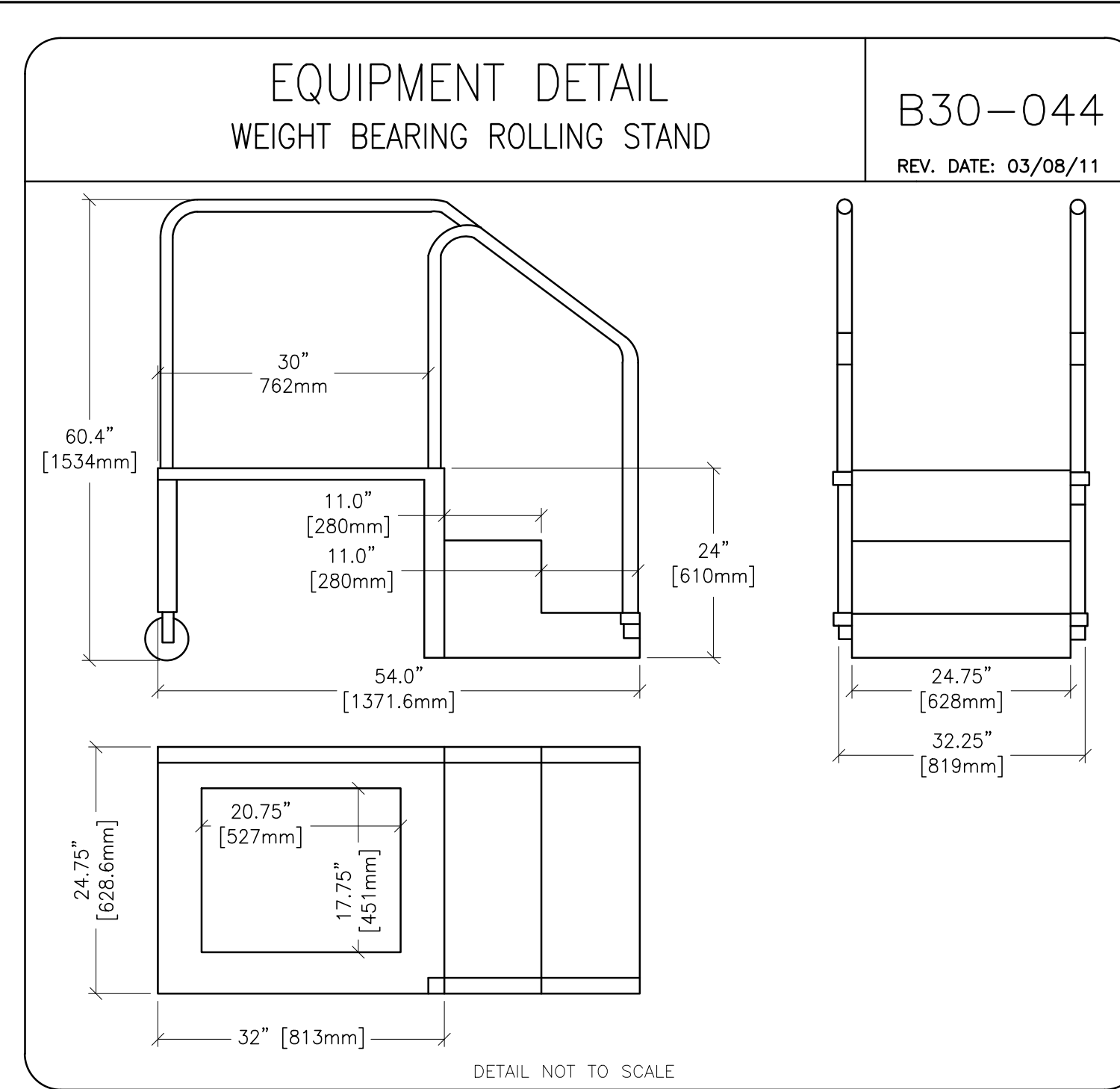
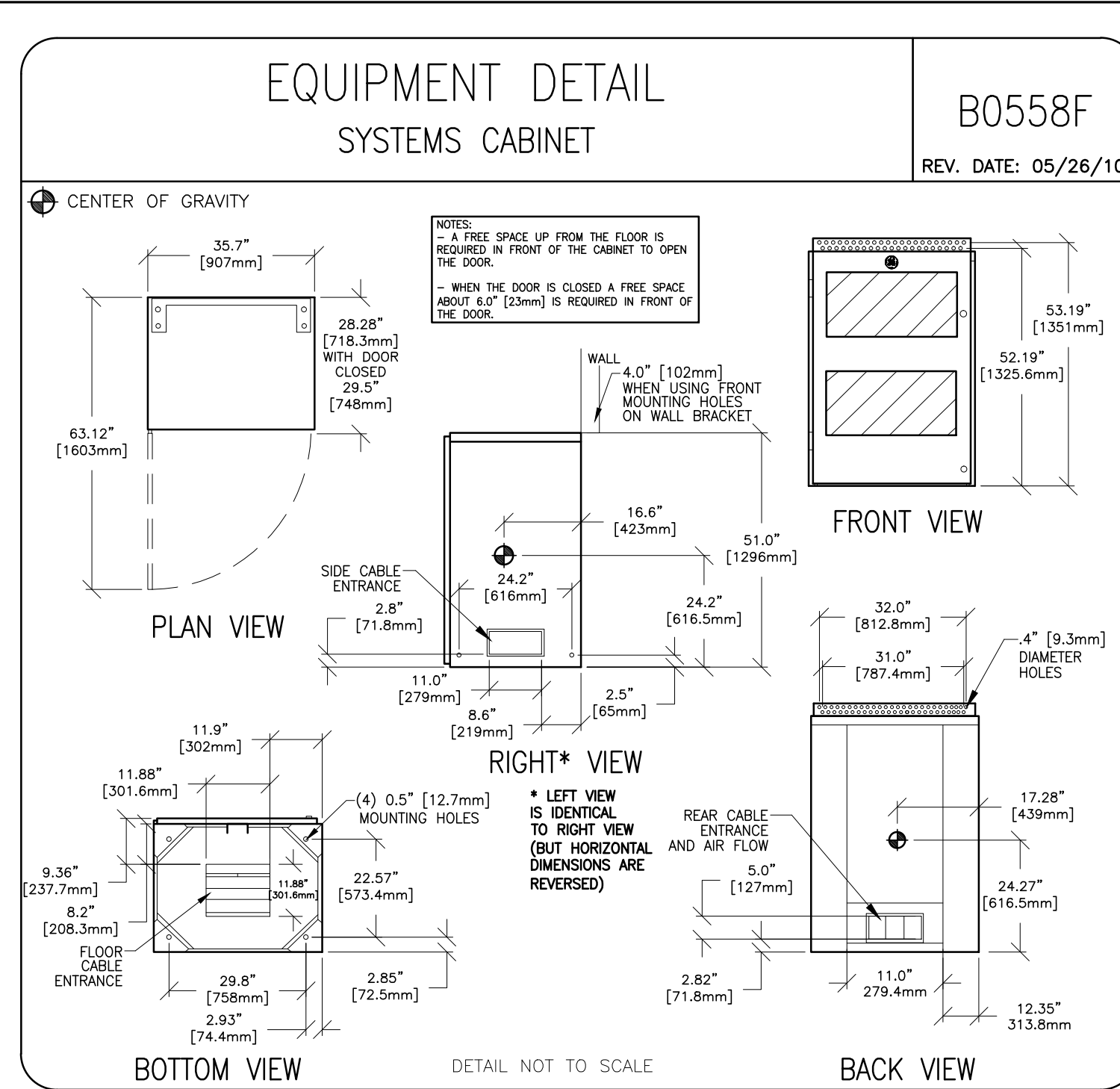
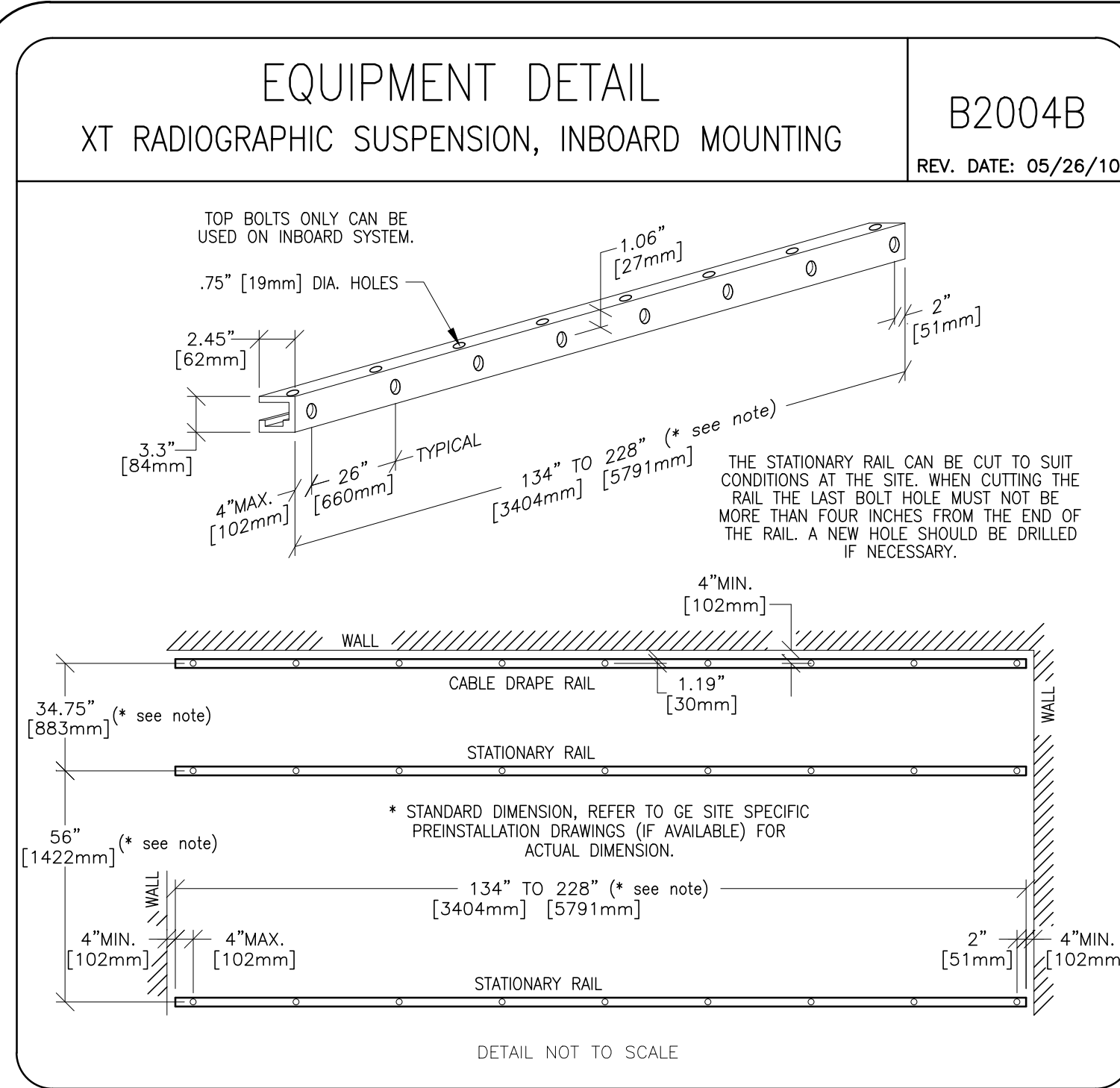
E4

RQ - 135244 PIM R8



GE Healthcare

Healthcare Project Implementation - Design Center
Milwaukee, Wisconsin



EQUIPMENT DETAIL EQUIPMENT SHIPPING DETAIL

B6564A
REV. DATE: 05/24/10

SHIPPING DIMENSIONS AND WEIGHTS - DOMESTIC SHIPMENTS				
LENGTH IN [MM]	WIDTH IN [MM]	HEIGHT IN [MM]	lbs [kg]	SHIPPING METHOD
SHIPPING DIMENSIONS (APPROX) - OVERHEAD TUBE SUPPORT INCLUDING X-RAY TUBE				
34 [864]	41 [1039]	53.5 [1355]	849 [385]	BOX/CRATE/SKID
SHIPPING DIMENSIONS (APPROX) - SET OF 2 RAILS				
233 [5920]	7 [178]	3 [76]	150 [68]	BOX
SHIPPING DIMENSIONS (APPROX) - 2 METER BRIDGE				
87 [2210]	29 [737]	7 [178]	138 [63]	BOX
SHIPPING DIMENSIONS (APPROX) - 3 METER BRIDGE				
122 [3099]	29 [737]	7 [178]	185 [84]	BOX
SHIPPING DIMENSIONS (APPROX) - 4 METER BRIDGE				
200 [5080]	29 [737]	8 [203]	305 [138]	BOX
SHIPPING DIMENSIONS (APPROX) - 2 METER CABLE ASSEMBLY				
32 [813]	23 [584]	9 [229]	100 [45]	BOX/SKID
SHIPPING DIMENSIONS (APPROX) - 3 METER CABLE ASSEMBLY				
32 [813]	23 [584]	9 [229]	108 [49]	BOX/SKID
SHIPPING DIMENSIONS (APPROX) - 4 METER CABLE ASSEMBLY				
32 [813]	23 [584]	9 [229]	110 [50]	BOX/SKID
SHIPPING DIMENSIONS (APPROX) - SYSTEM CABINET				
53 [1321]	34 [864]	52 [1321]	895 [406]	DOLLY

EQUIPMENT DETAIL EQUIPMENT SHIPPING DETAIL

B6564B
REV. DATE: 05/24/10

SHIPPING DIMENSIONS AND WEIGHTS - DOMESTIC SHIPMENTS				
LENGTH IN [MM]	WIDTH IN [MM]	HEIGHT IN [MM]	SHIPPING WEIGHT lbs [kg]	SHIPPING METHOD
SHIPPING DIMENSIONS (APPROX) - SYSTEM CABINET HARDWARE				
51 [1300]	34 [860]	24 [610]	332 [151]	BOX
SHIPPING DIMENSIONS (APPROX) - WALL STAND				
96 [2440]	37 [940]	50 [1270]	1023 [464]	CRATE/SKID
SHIPPING DIMENSIONS (APPROX) - EXTENDED WALL STAND				
96 [2440]	37 [940]	65 [1651]	1087 [493]	CRATE/SKID
SHIPPING DIMENSIONS (APPROX) - DETECTOR ASSEMBLY				
41 [1042]	47 [1194]	29 [737]	194 [88]	CRATE/SKID
SHIPPING DIMENSIONS (APPROX) - TABLE ASSEMBLY				
95 [2400]	44 [1100]	51 [1300]	1327 [602]	BOX/SKID
SHIPPING DIMENSIONS (APPROX) - STRETCHER NON-ELEVATING				
91 [2250]	41 [1042]	37 [940]	360 [164]	BOX/SKID
SHIPPING DIMENSIONS (APPROX) - STRETCHER ELEVATING				
99 [2312]	37 [920]	32 [810]	772 [350]	CRATE/SKID
SHIPPING DIMENSIONS (APPROX) - EXAM ROOM LEAN CART				
84 [2134]	30 [762]	60 [1524]	VARIABLES	WHEELED CART
SHIPPING DIMENSIONS (APPROX) - CONTROL & OPTIONS LEAN CART				
51.5 [1308]	30 [762]	55 [1397]	VARIABLES	WHEELED CART

EQUIPMENT DETAIL EQUIPMENT SHIPPING DETAIL

B6564C
REV. DATE: 05/24/10

SHIPPING DIMENSIONS AND WEIGHTS - INTERNATIONAL SHIPMENTS				
LENGTH IN [MM]	WIDTH IN [MM]	HEIGHT IN [MM]	SHIPPING WEIGHT lbs [kg]	SHIPPING METHOD
SHIPPING DIMENSIONS (APPROX) - OVERHEAD TUBE SUPPORT INCLUDING X-RAY TUBE				
34 [864]	41 [1039]	53.5 [1355]	635 [288]	BOX/CRATE/SKID
SHIPPING DIMENSIONS (APPROX) - STATIONARY RAIL				
241 [6120]	15 [380]	9 [230]	260 [118]	BOX
SHIPPING DIMENSIONS (APPROX) - 3 METER BRIDGE				
125 [3180]	33 [840]	20 [510]	364 [165]	BOX
SHIPPING DIMENSIONS (APPROX) - 3 METER CABLE ASSEMBLY				
57 [1450]	34 [860]	18 [460]	212 [96]	BOX/SKID
SHIPPING DIMENSIONS (APPROX) - SYSTEMS CABINET				
53 [1321]	34 [864]	52 [1321]	895 [406]	DOLLY
SHIPPING DIMENSIONS (APPROX) - SYSTEMS CABINET HARDWARE				
51 [1300]	34 [860]	24 [610]	332 [151]	BOX
SHIPPING DIMENSIONS (APPROX) - WALL STAND				
96 [2440]	37 [940]	50 [1270]	1023 [464]	CRATE/SKID
SHIPPING DIMENSIONS (APPROX) - EXTENDED WALL STAND				
96 [2440]	37 [940]	65 [1651]	1087 [493]	CRATE/SKID
SHIPPING DIMENSIONS (APPROX) - DETECTOR Asm				
41 [1042]	47 [1194]	29 [737]	204 [93]	CRATE/SKID
SHIPPING DIMENSIONS (APPROX) - TABLE ASSEMBLY				
95 [2400]	44 [1100]	51 [1300]	1327 [602]	BOX/SKID

EQUIPMENT DETAIL XR650 HEAT OUTPUTS BY COMPONENT

B6564D
REV. DATE: 08/30/10

PRODUCT OR COMPONENT	HEAT OUTPUT			
	STANDBY		IN-USE	
	BTU/h	Kilowatt	BTU/h	Kilowatt
Wall Stand / Extended Wall Stand	85	0.025	297	0.087
Fixed Table	317	0.093	1972	0.578
TRAD Table	399	0.117	4224	1.238
OTS & Collimator	491	0.144	1351	0.396
System Cabinet	4869	1.427	2437	0.714
Tomo PC Tower	1710	0.501	3793	1.112
Non-Tomo PC Tower	980	0.287	3413	1.000
LCD Monitor	3	0.001	157	0.046
Tube	341	0.100	2525	0.740
Fixed Detector	293	0.086	293	0.086
TRAD Detector	27	0.008	130	0.038
DSA / Chiller	2047	0.600	2320	0.680
Total: WS, Fixed Table, Tomo PC	10455	3.064	15596	4.571
Total: WS, Fixed Table, Non-Tomo PC	9725	2.850	15216	4.460
Total: WS, TRAD Table, Tomo PC	10483	3.072	15726	4.609
Total: WS, Fixed & TRAD Table, Non-Tomo PC	9753	2.858	15346	4.498
Total: WS, TRAD Table, Tomo PC	10271	3.096	17978	5.269
Total: WS, TRAD Table, Non-Tomo PC	9541	2.882	17598	5.158
Total: WS only, Tomo PC	9845	2.971	13624	3.993
Total: WS only, Non-Tomo PC	9115	2.757	13244	3.882
Total: Fixed Table only, Tomo PC	10077	3.039	15299	4.484

GE Healthcare

Healthcare Project Implementation - Design Center

Minneapolis, MN

SHEET TITLE: EQUIPMENT DETAILS

MODALITY TYPE: DISCOVERY XR650

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PROJECT TITLE:

1-140f

TYPICAL LAYOUT

PROJECT REVISION

1-140f 04

DATE: 10.May.13

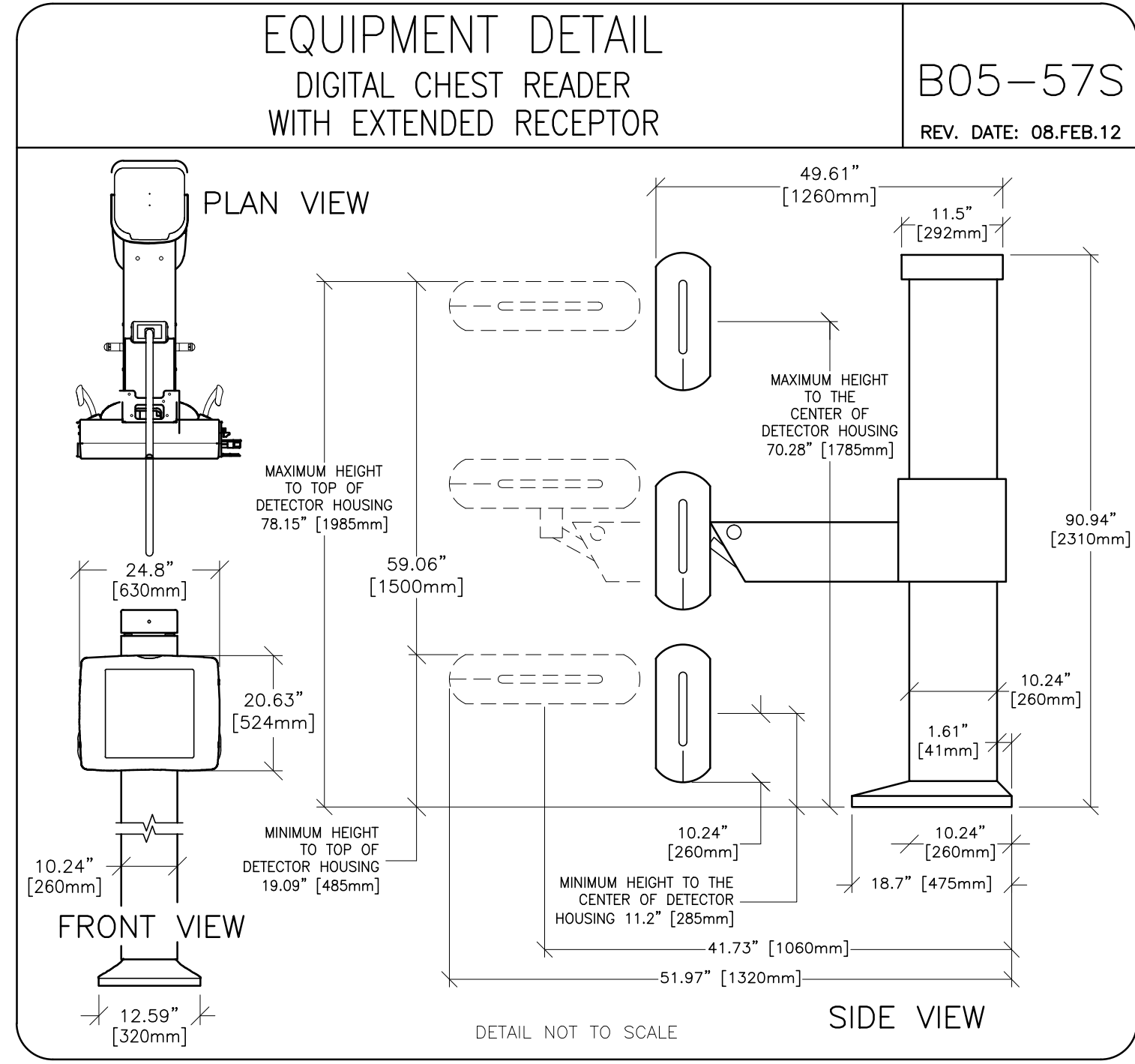
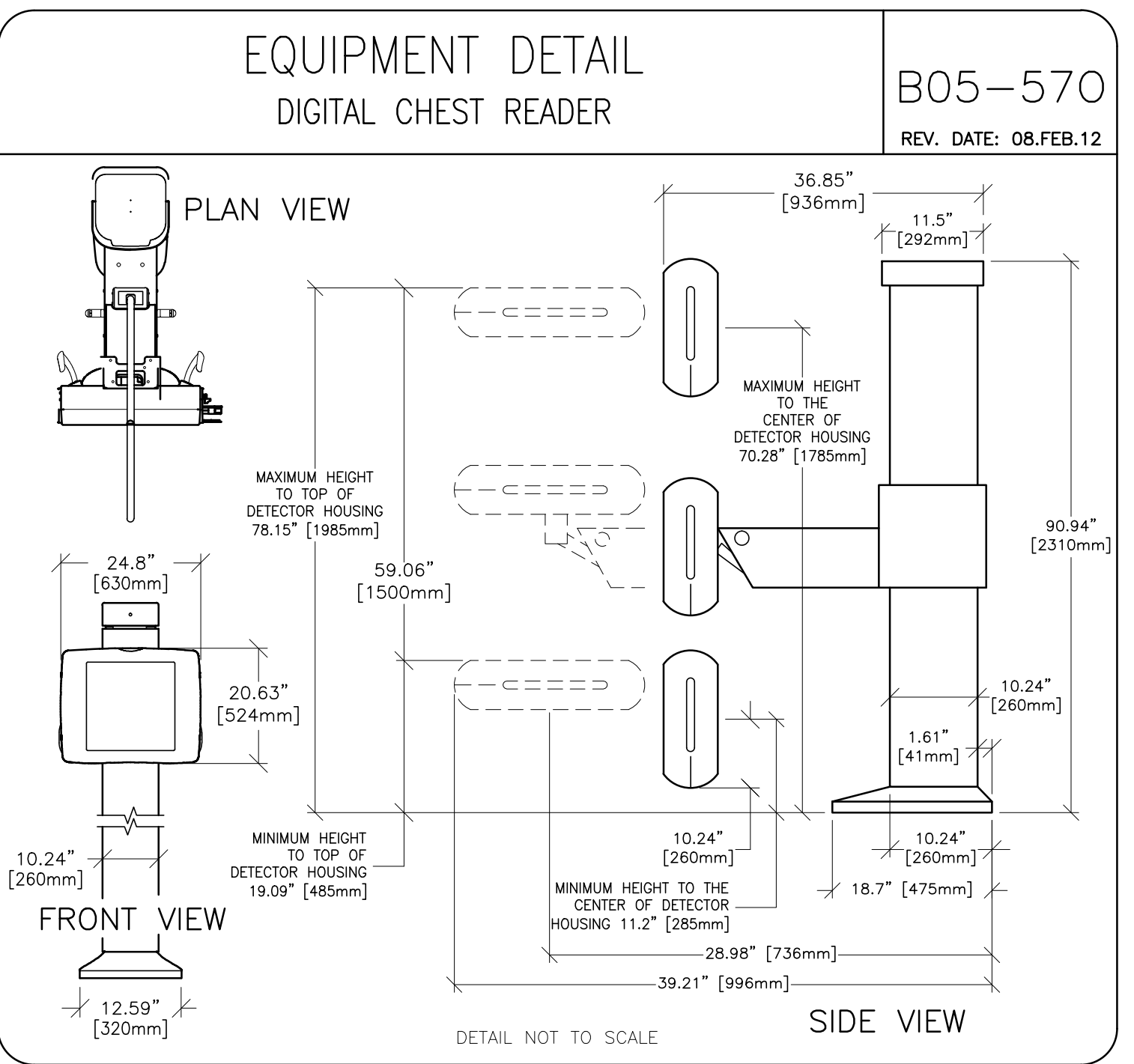
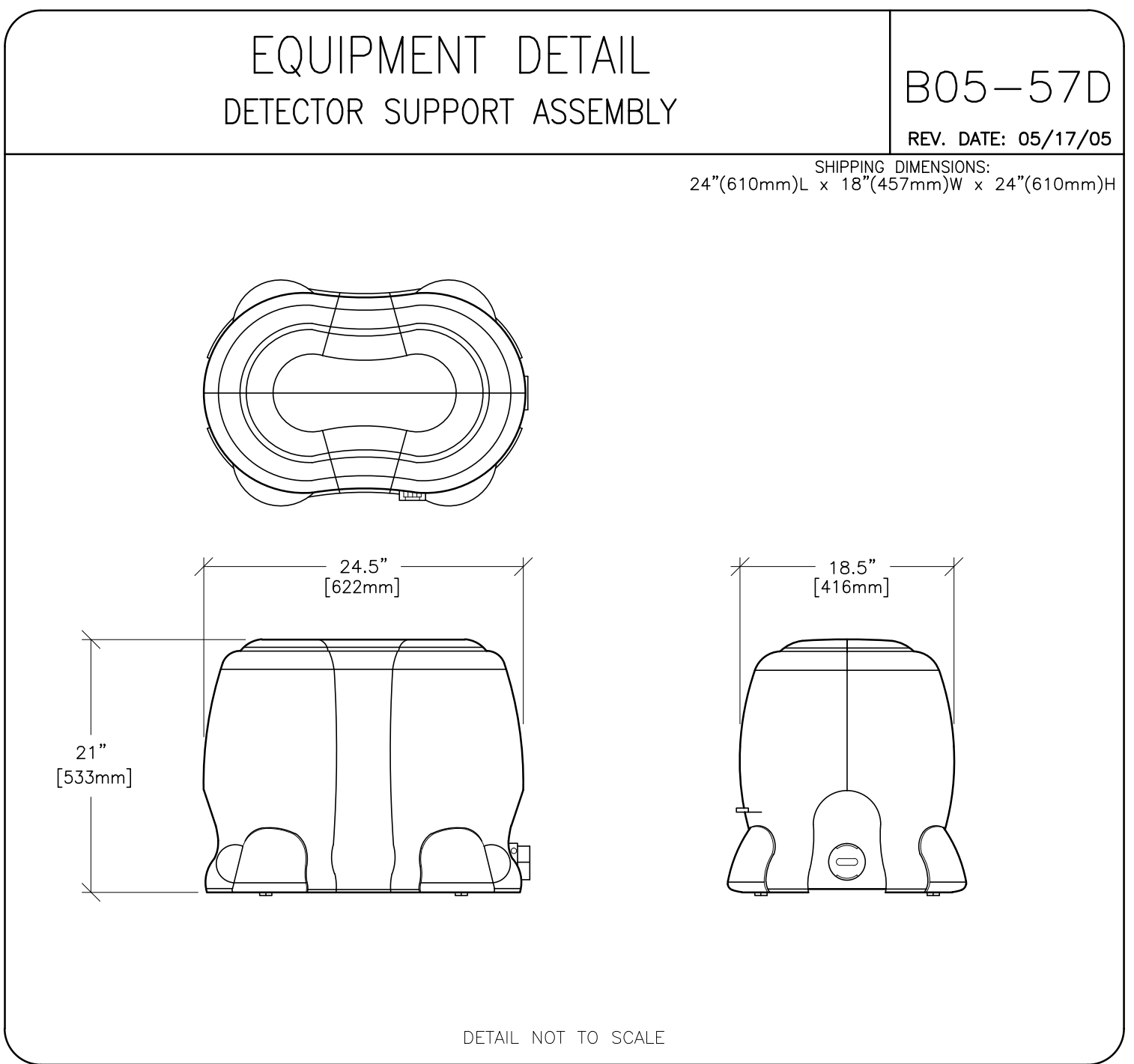
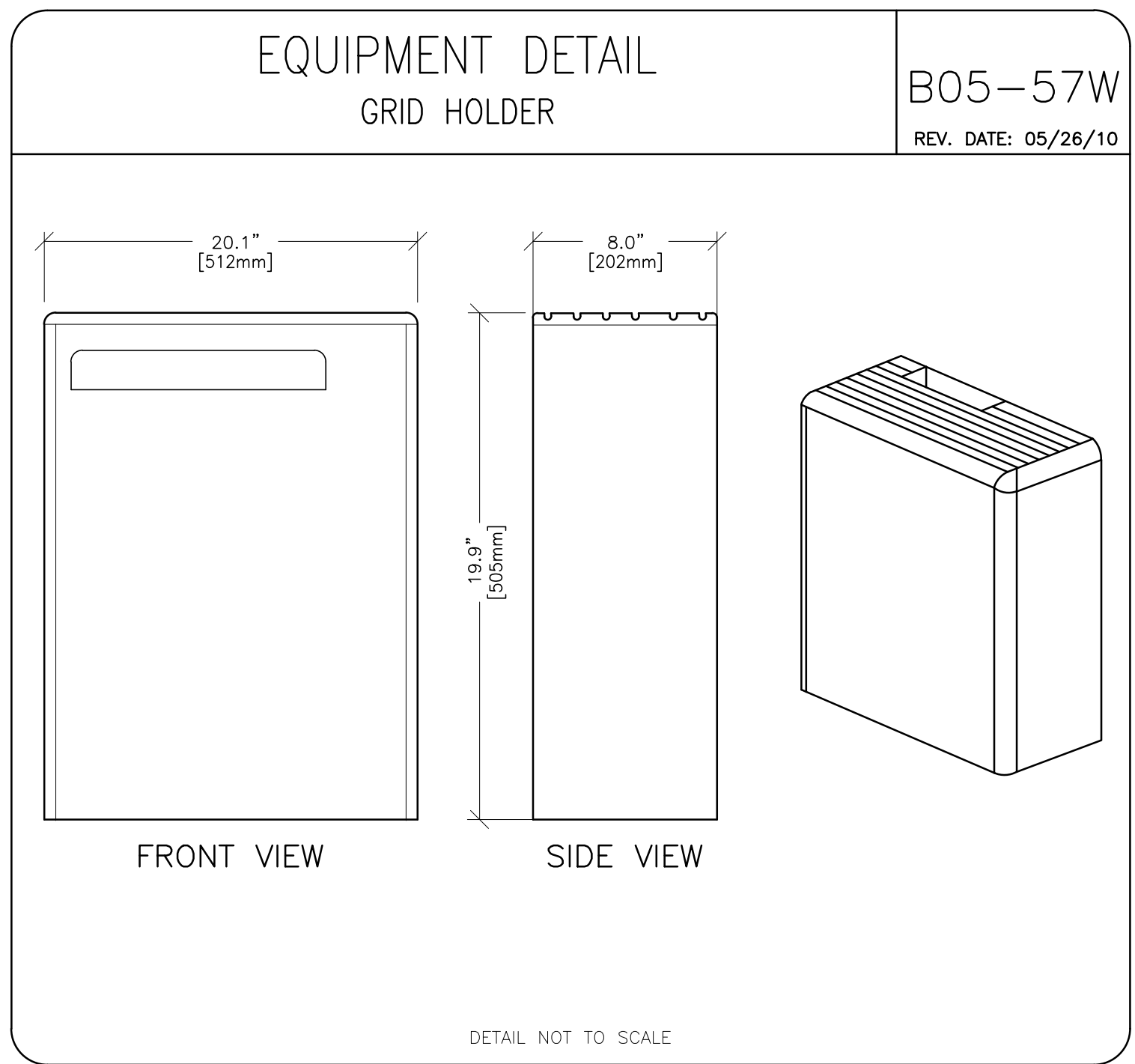
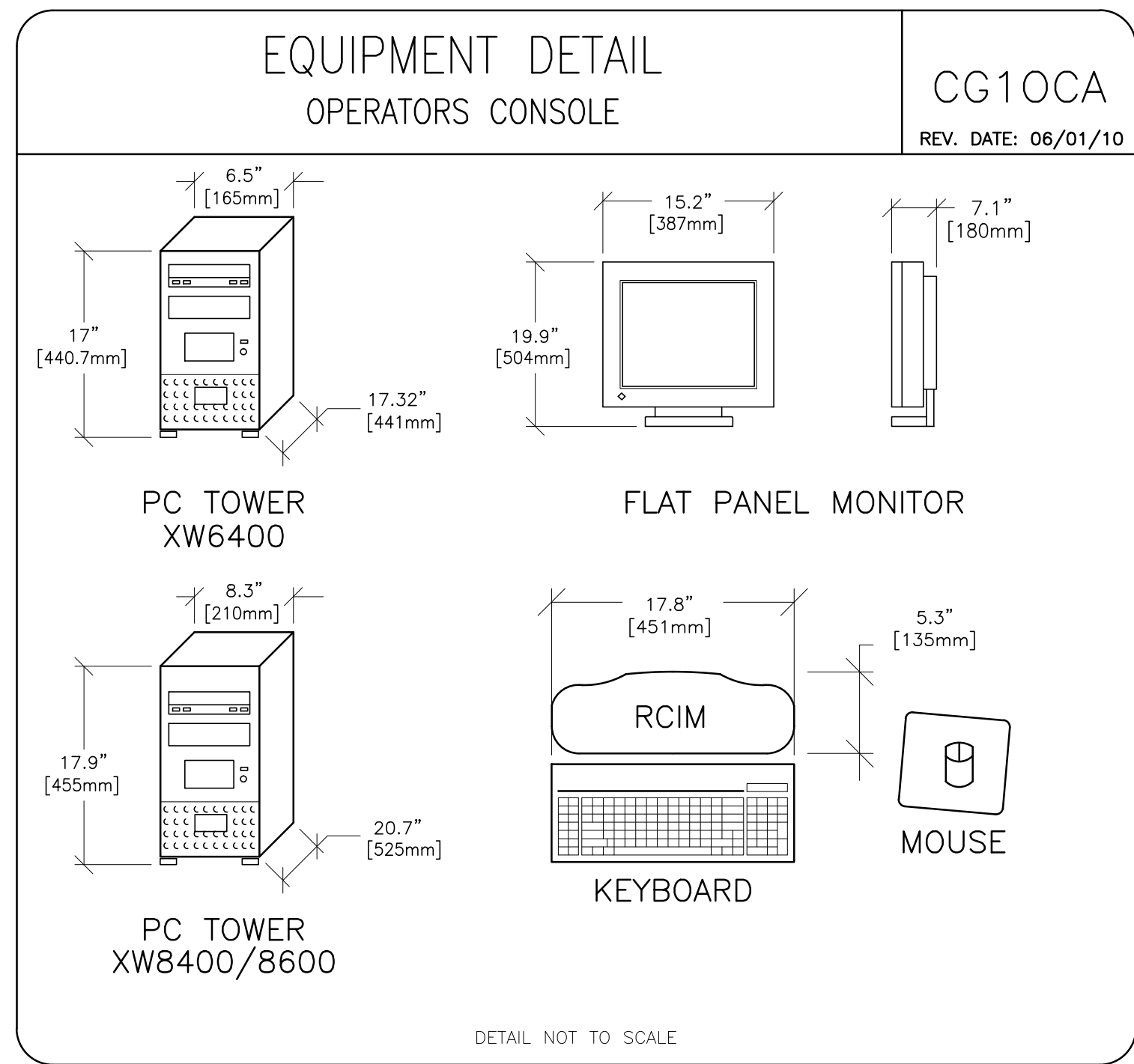
DRAWN BY: REK

CHECKED BY: MKL

REVISION HISTORY:

SHEET

D1



GE Healthcare
Healthcare Project Implementation - Design Center
Milwaukee, Wisconsin

SHEET TITLE: EQUIPMENT DETAILS
MODALITY TYPE: DISCOVERY XR650

THIS PLAN IS SUBMITTED TO SUGGEST LOCATION OF GE HEALTHCARE EQUIPMENT AND ASSOCIATED APPARATUS, ELECTRICAL WIRING DETAILS AND ROOM ARRANGEMENTS. IN PREPARING THIS PLAN, EVERY EFFORT HAS BEEN MADE TO CONFORM TO ALL APPLICABLE CODES, REGULATIONS, AND STANDARDS. THE USER OF THIS PLAN SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE:
1-140f
TYPICAL LAYOUT

PROJECT	REVISION
1-140f	04

DATE: 10.May.13
DRAWN BY: REK
CHECKED BY: MKL

REVISION HISTORY:

SHEET
D2