

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

* REQUIRED REFERENCE *

Definium 5000
Pre Installation Manual
5192967-100

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

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

www.gehealthcare.com/siteplanning

GE Healthcare



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

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

GE Healthcare Site Readiness Checklist Rev 19					
<p>GEHC Global Order #: _____ Customer: _____</p> <p>GEHC P/N: _____ FE / Installer: _____</p> <p><small>The customer is responsible for proper site preparation regardless of any GEHC measurements/inspection/assessments.</small></p>					
Inspection Date:					
GEHC Minimum Requirements					
	Storage (Is bin marked?)	PHI (Is bin marked?)	FE (Is bin marked?)		Comments If "N", enter comments or action plan
1					PH Magnet Delivery Requirements: Ensure cryogen venting system is available for magnet connection as defined by GEHC Pre-Installation Manual (PH) measurements, and that fan system is installed and operational. 480V power, and chilled water supply is available 24/7 that meets system cooling requirements. External connectivity is available for magnet monitoring and phone service is available during delivery. Surface mount vibration mat installed where required. Magnet room final flooring is in place.
2					PH RF Screen Room Requirements: RF Screen Room is tested with copy of Test Report, emailed to is@gehealthcare.com , that is compliant with GEHC specifications. Duct Seals and magnet anchors (if applicable) installed using 2 part anchors. For MRI systems, blowers in duct seals installed by RF vendor using 2 part anchors.
3					State Regulatory Requirements: Facility registration number provided for states of <u>IL, NY, HI, FL, SC, TX, VA</u> . Clear shielding plan and state acknowledgment letter provided to installer for <u>AR, DC, NC, SC, CO, IL, VA</u> .
4					Site Drawing Requirements: Final version of a equipment network and antenna, installation drawings (including red lined versions) verified to match actual room and has been provided to installer.
5					Surface Penetration Requirements: Customer or Contractor scheduled to provide required drilling or cutting into floors, ceilings, and walls OR surface penetration permit available and posted in the room when GEHC will perform the work.
6					Pre-Delivery Route Requirements: The equipment delivery route from the truck to the final destination within the facility has been reviewed with all key stakeholders to safely meet the minimum requirements for equipment access, and all communications/notification have occurred. Arrangements have been made for special handling (elevator, rigging, floor protection, fork lift, rollback truck, etc).
7					Finished Room Requirements: Rooms that will contain equipment, including storage area, not in open state, are dust free. Provisions taken to obtain a dust free room. Precautions must be taken to prevent dust from entering rooms containing equipment when construction is incomplete in adjacent areas. All walls primed/initial coat not needed on Day 1. Shielding, doors, and windows are to be installed. No contractor work being done during or after the installation that will cause dust in the installation areas or potential equipment damage. Room security to prevent unauthorized access and theft has been discussed with customer. The customer is aware of the security issues, implications and responsibility. For Storage: Room must meet PHI requirements for storage.
8					Electrical Requirements: To cable (LTD) from Disconnect Panel (MDP) is installed per GE guidelines and system power is available. Conduits, electrical cable ducting/dividers/cable trays, and access flooring is installed in proper location and height. Surface floor duct and load-side wires can be installed at time of system installation. Validate outlet location and requirements meet specifications for device/equipment.
9					HVAC Requirements: The HVAC/Chilled Water systems designed to maintain the environment per speed/PH is at running state and appears to provide the desired environmental conditions including location of vents, temperature and humidity for system operation.
10					Flooring Requirements: Floor is clean and prepared for final floor covering. Floor levelness/flatness is measured and within tolerance, and there are no visible defects per GEHC specifications. Confirm customer anchoring plan aligns with designed floor thickness. Final flooring installed where required for network racks.
11					Ceiling Requirements: Unistrut for equipment location, levelness and spacing is measured (or vendor confirmed) and consistent with the requirements of the installation drawings. Ensure suspension and rails are not attached to ceiling surfaces. Ceiling grid is installed. Permanent lighting is installed and operational. HVAC diffusers are installed and connected to ductwork. Ceiling tiles installed per PM installation.
12					Staging Requirements: Space has been identified to support the active installation process only. This area meets PHI/project book requirements.
13					Storage space has been identified, if needed. This secured space would be used to store equipment indefinitely. If lifts, transportation plan has been developed at customer expense. This space must meet PHI requirements.
14					Network Connectivity: Hardware for network connectivity (network drops) is in place prior to delivery with specified network fire wall configuration where required. Site Surveys for wireless mobile RR units have been completed.
15					Medical Gases Requirements: Systems (hard piped or portable) in place to allow testing and calibration of equipment (ones that are) including ventilation.

GE Healthcare
IS Services Design Center
Minneapolis, MN
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SHEET TITLE: SITE READINESS
MODALITY TYPE: DEFINIUM 5000
THIS PLAN IS SUBMITTED TO SUBMIT 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 DRAWING REVISIONS. IT IS ADVISED TO BE USED FOR ACTUAL CONSTRUCTION PURPOSES. DOWNGRADES TO BE USED FOR RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

ROOM NO. 1
UT PHYSICIANS
WOODLANDS, TEXAS
THE WOODLANDS, TEXAS

PROJECT: 122907
REVISION: 00
DATE: 09.Oct.12
DRAWN BY: JLT
CHECKED BY: REK
QT. NO: P1C161554v1
QT. DT: 24.Sep.12

REVISION HISTORY:

SHEET
C1

This drawing is based on Sketch No.: 12UTPWoodlands
PIM R7
RQ - 130574

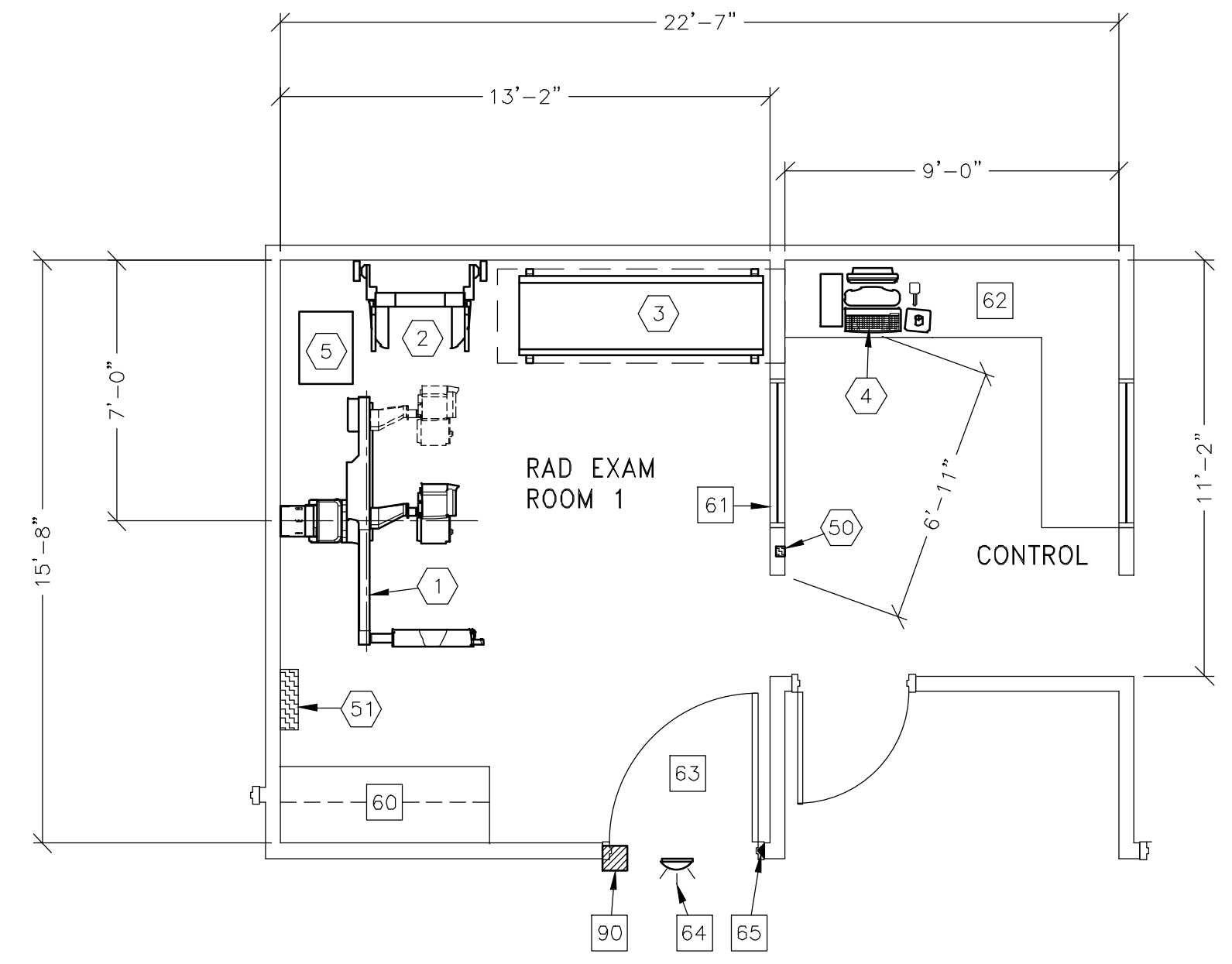
GE EQUIPMENT LISTING											
EQUIPMENT ON ORDER FROM GE HEALTHCARE, INSTALLED BY GE HEALTHCARE, PER QUOTE P1C161554v1 DATED 24.Sep.12					EQUIPMENT CROSS REFERENCE CHART						
NOTE: LOCAL CONDITIONS MAY DICTATE THAT ITEMS IDENTIFIED IN THIS CATEGORY BE INSTALLED BY OTHERS.											
ITEM NO.	QUANTITY ORDERED	REFER TO SHEET "D"	ITEM DESCRIPTION (* = EXISTING/REINSTALL)	WEIGHT	HEAT OUTPUT (PER HOUR)	DETAIL NO.	STRC PLAN	ELEC PLAN	SEISMIC STATUS		
									P	C	
								P = PREAPPROVAL		C = CALCULATIONS/PENDING APPROVAL	
								S = SPECIFICATIONS ONLY			
1	1		DEFINIUM POSITIONER	727 lbs	1013 kw	B5000C B5000S B5000T B5000H	-	DP	-	-	-
2	1		IMAGE PASTING BARRIER	200 lbs		B0557T	-	-	-	-	-
3	1		LAMINATED TABLE	88 lbs		B5000B	-	-	-	-	-
4	1		OPERATORS CONSOLE	55 lbs	3000 kw	C7617 C7502	-	OC	-	-	-
5	1		GENERATOR	339 lbs	805 kw	B5000	-	XG	-	-	S

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

60	1		EMERGENCY OFF SWITCH (NEEDED ONLY IF REQUIRED BY STATE/LOCAL CODES)				-	SEC	-	-	-
61	1		80 AMP MAIN DISCONNECT. SEE SHEET E1 FOR DETAILED DESCRIPTION	81 lbs			-	A	-	-	-

SCALE: 1/4" = 1'-0" EQUIPMENT LAYOUT CEILING HEIGHT = 9'-0"

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



ANCILLARY ITEMS	
CUSTOMER/CONTRACTOR SUPPLIED AND INSTALLED ITEMS	
ITEM NO.	ITEM DESCRIPTION (* INDICATES EXISTING)
60	COUNTER TOP WITH BASE AND WALL CABINETS
61	CONTROL WALL TO CEILING WITH LEAD GLASS VIEWING WINDOW.
62	COUNTER TOP FOR EQUIPMENT - MINIMUM DEPTH 24 IN. AND ADDITIONAL SHELVING MAY BE REQUIRED BELOW COUNTER TOP FOR PC TOWER. PROVIDE GROMMETTED OPENINGS AS REQUIRED TO ROUTE CABLES.
63	MINIMUM DOOR OPENING FOR EQUIPMENT DELIVERY IS 40 IN. W x 80 IN. H (1016mm x 2032mm). CONTINGENT ON A 94.5 IN. (2400mm) CORRIDOR WIDTH. NOTE: IF IMAGE PASTE OPTION IS ORDERED A 82 IN. H (2083mm) DOOR OPENING IS REQUIRED.
64	X-RAY ON WARNING LIGHT - AVAILABLE FROM GE SUPPLY CALL: 800-200-9760 GE CAT. NO. WX1ABWW-DF-XIU
65	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 'XRL' ON SHEET 'E1' FOR DETAILED DESCRIPTION -E4502RL FOR WARNING LIGHT CONTROL ONLY.

- ### GENERAL SPECIFICATIONS
- THE REQUIRED CEILING HEIGHT INDICATED ON THESE PLANS IS TO ENSURE EQUIPMENT FUNCTION IS NOT INHIBITED. CONSULT WITH YOUR LOCAL GEHC SPECIALIST REGARDING ACCEPTABILITY OF OTHER CEILING HEIGHTS.
 - CHECK ALL DOOR OPENINGS AND HALLWAYS FROM DELIVERY LOCATION TO WHERE EQUIPMENT IS TO BE INSTALLED TO ENSURE THE ROUTE PHYSICALLY AND STRUCTURALLY WILL ACCOMMODATE THE EQUIPMENT AS SHIPPED.
 - RADIATION PROTECTION REQUIREMENTS ARE NOT INDICATED ON THIS PLAN. WHERE NEEDED PER NATIONAL OR LOCAL CODE THEY SHALL BE SPECIFIED BY A QUALIFIED RADIOLOGICAL PHYSICIST.
 - THE DEVELOPMENT OF THE EQUIPMENT LAYOUT, ROOM DIMENSIONS, MECHANICAL AND ELECTRICAL SUGGESTIONS IS PREDICATED UPON THE BEST INFORMATION OBTAINABLE FROM THE SITE, COUPLED WITH THE CUSTOMER'S KNOWN DESIRES. ARCHITECTURAL OR ELECTRICAL CHANGES INCLUDING RELOCATION OF EQUIPMENT ILLUSTRATED ON THIS DRAWING IS ALLOWED ONLY WITH NOTIFICATION, IN WRITING, AND REVIEW BY GEHC SERVICE DEPARTMENT. EQUIPMENT OPERATION, SERVICEABILITY, AND RESTRICTING CABLE LENGTHS, ETC., MAKE THIS ESSENTIAL FOR A PROPER IS. GEHC RESERVES THE RIGHT TO MAKE ON THE JOB CHANGES BECAUSE OF CUSTOMER REQUIREMENTS AND/OR OBSTACLES IN CONSTRUCTION, ETC..
 - ALL WORK TO BE IN COMPLIANCE WITH NATIONAL AND LOCAL BUILDING SAFETY CODES.
 - DIMENSIONS ARE TO FINISHED SURFACES OF ROOM.

- ### SITE ENVIRONMENT SPECIFICATIONS
- AMBIENT OPERATING TEMPERATURE: 59 TO 95 DEGREES (F)
 - HUMIDITY: 45 TO 75 PERCENT NON-CONDENSING
 - ATMOSPHERIC PRESSURE: MIN.=710hpa MAX.=1025hpa
 - THE ENVIRONMENT FOR THE ELECTRONICS CABINET MUST BE CONTROLLED SO THE ABOVE RESTRICTIONS ARE NOT EXCEEDED.
 - 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 Project Manager: VINSON MARTIN
Telephone: (281) 852-8641
THE GE HR TECHNICAL SUPPORT GROUP IS AN ADDITIONAL RESOURCE THAT CAN PROVIDE ANSWERS FOR GENERAL GE PRODUCT SITING QUESTIONS AND CAN BE REACHED AT (877)-305-9877

GE Healthcare
Healthcare Project Implementation - Design Center
Milwaukee, Wisconsin

SHEET TITLE: EQUIPMENT LAYOUT
MODALITY TYPE: DEFINIUM 5000
THIS PLAN IS SUBMITTED TO SUBMIT 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 MANUFACTURER'S INSTRUCTIONS. TO BE INSTALLED TO CONFORM TO ALL APPLICABLE LOCAL BUILDING CODES. THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

ROOM NO. 1
UT PHYSICIANS
WOODLANDS
THE WOODLANDS, TEXAS

PROJECT	REVISION
122907	00

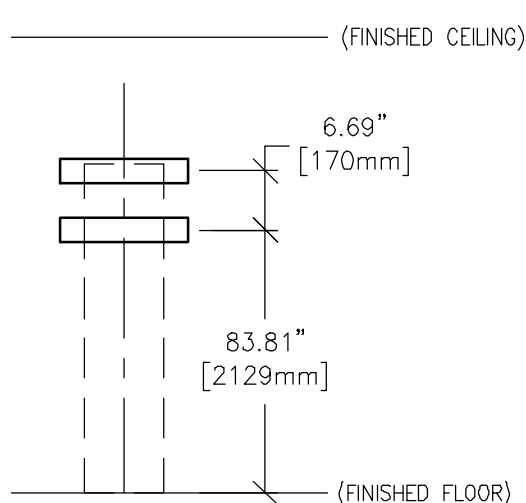
DATE: 09.Oct.12
DRAWN BY: JLT
CHECKED BY: REK
QT. NO: P1C161554v1
QT. DT: 24.Sep.12

REVISION HISTORY:

SHEET
A1

TYPICAL WALL SUPPORT ELEVATIONS

S122



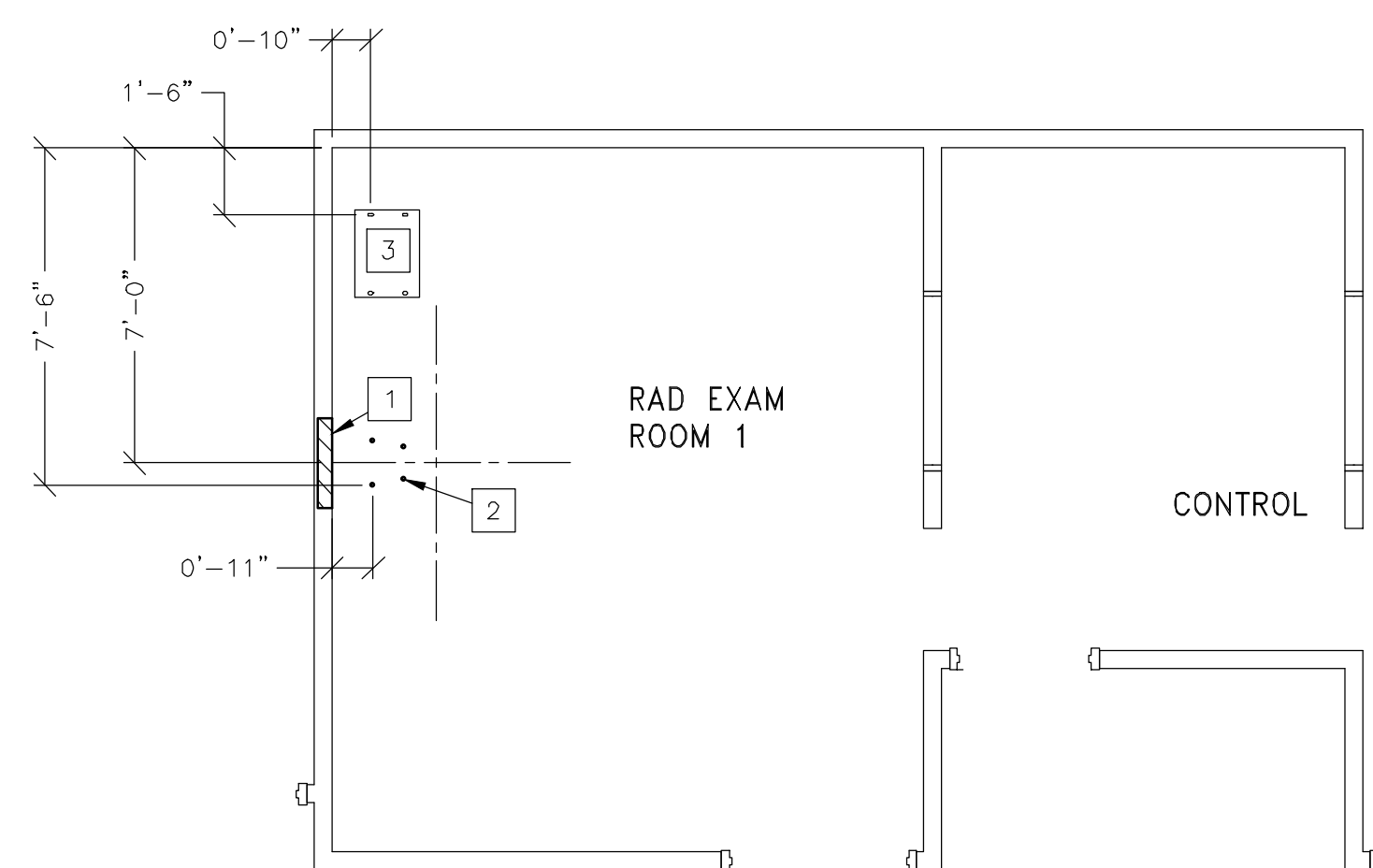
SUPPORT FOR POSITIONER

(NOT TO SCALE)

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

STRUCTURAL LAYOUT

CEILING HEIGHT = 9'-0"



STRUCTURAL SUPPORT METHODS

CUSTOMER/CONTRACTOR SUPPLIED AND INSTALLED ITEMS

ITEM NO.	ITEM DESCRIPTION (* INDICATES EXISTING)
1	SUPPORT BACKING, LOCATE AS SHOWN, REFER TO ELEVATION DETAIL S122 AND B5000 ON S2 SHEET FOR POSITIONER. OR UNISTRUT OR EQUIVALENT ON WALL FOR FASTENING POSITIONER MOUNTING PLATE. REFER TO ELEVATION DETAIL S122 AND B5000 ON S2 SHEET FOR POSITIONER.
2	FLOOR MOUNTING LOCATIONS FOR POSITIONER. SEE DETAIL B5000 ON SHEET S2.
3	FLOOR MOUNTING LOCATION FOR GENERATOR CABINET. SEE DETAIL B5000 ON SHEET S2.

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 Project Manager: VINSON MARTIN
Telephone: (281) 852-8641
THE GE HR TECHNICAL SUPPORT GROUP IS AN ADDITIONAL RESOURCE THAT CAN PROVIDE ANSWERS FOR GENERAL GE PRODUCT SETTING QUESTIONS AND CAN BE REACHED AT (877)-305-9877

SHEET TITLE: STRUCTURAL LAYOUT
MODALITY TYPE: DEFINUM 5000

ROOM NO. 1
PROJECT TITLE: UT PHYSICIANS
WOODLANDS
THE WOODLANDS, TEXAS

PROJECT	REVISION
122907	00

DATE: 09.Oct.12
DRAWN BY: JLT
CHECKED BY: REK
QT. NO: P1C161554v1
QT. DT: 24.Sep.12

REVISION HISTORY:

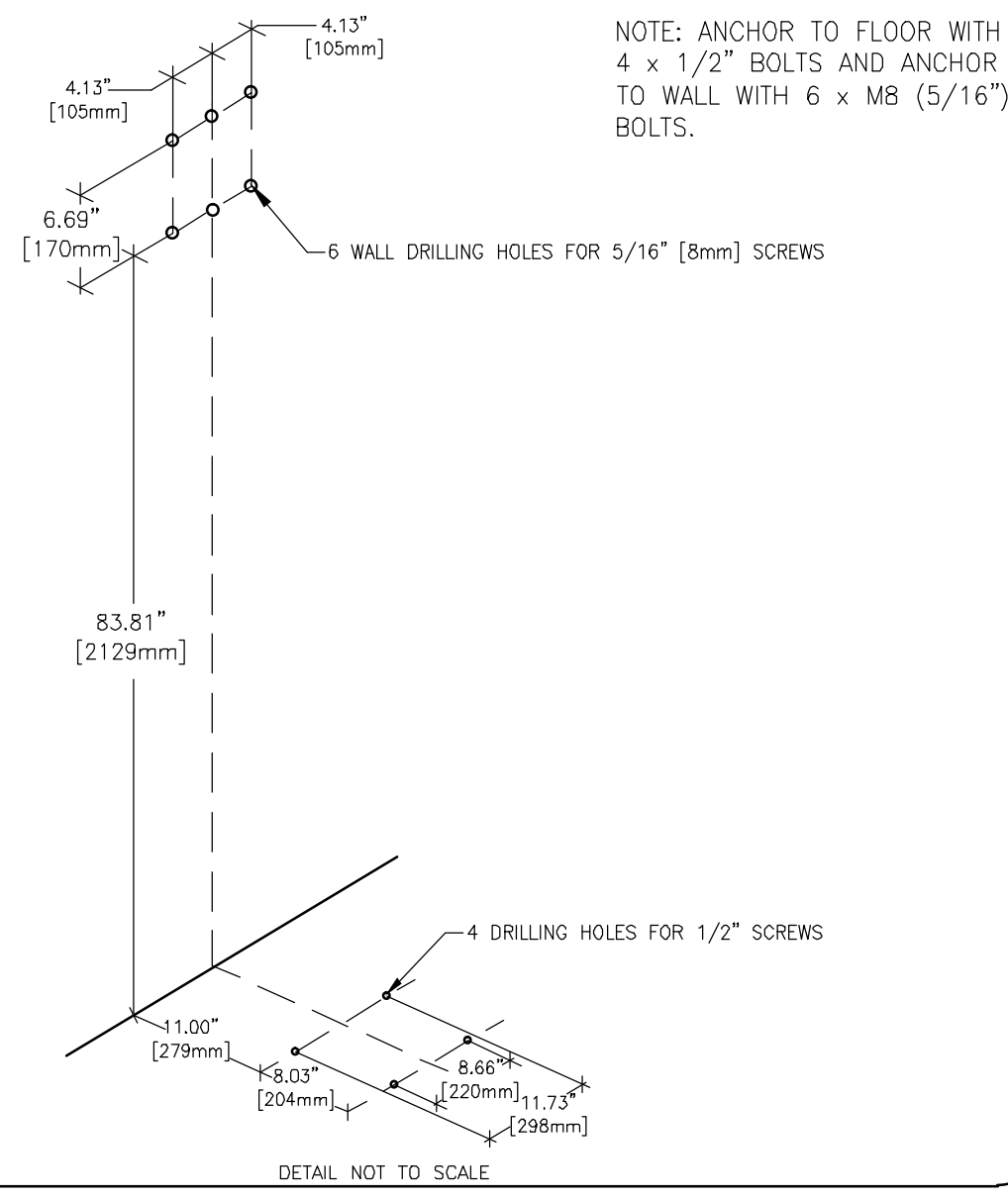
SHEET
S1

GE Healthcare
Healthcare Project Implementation - Design Center
Milwaukee, Wisconsin

This drawing is based on Sketch No.: 12UTPWoodlands
PIM R7
RQ - 130574

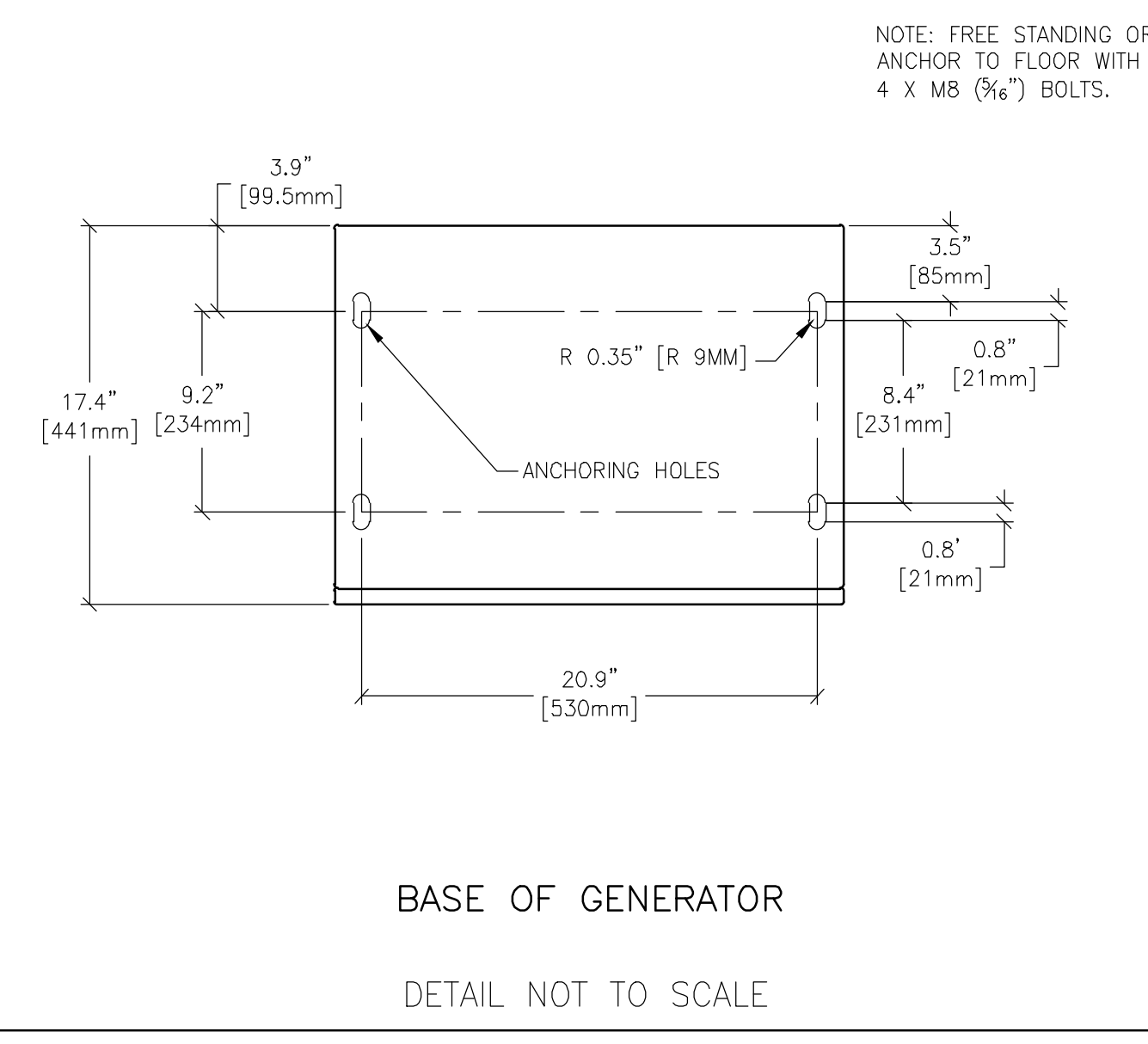
SUPPORT DETAIL
ANCHORING HOLES FOR POSITIONER

B5000D
REV. DATE: 05/14/08



SUPPORT DETAIL
ANCHORING HOLES FOR GENERATOR

B5000G
REV. DATE: 05/01/07



RQ - 130574 PIM R7 This drawing is based on Sketch No.: 12UTPWoodlands

PROJECT TITLE: ROOM NO. 1
UT PHYSICIANS
WOODLANDS
THE WOODLANDS, TEXAS

PROJECT	REVISION
122907	00
DATE:	09.Oct.12
DRAWN BY:	JLT
CHECKED BY:	REK
QT. NO:	P1C161554v1
QT. DT:	24.Sep.12

REVISION HISTORY:

SHEET
S2

SHEET TITLE: STRUCTURAL DETAILS
MODALITY TYPE: DEFINIUM 5000

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 MANUFACTURER'S REQUIREMENTS. IT IS ADVISED THAT THE COMPANY CANNOT ACCEPT LIABILITY FOR ANY DAMAGES RESULTING THEREFROM.

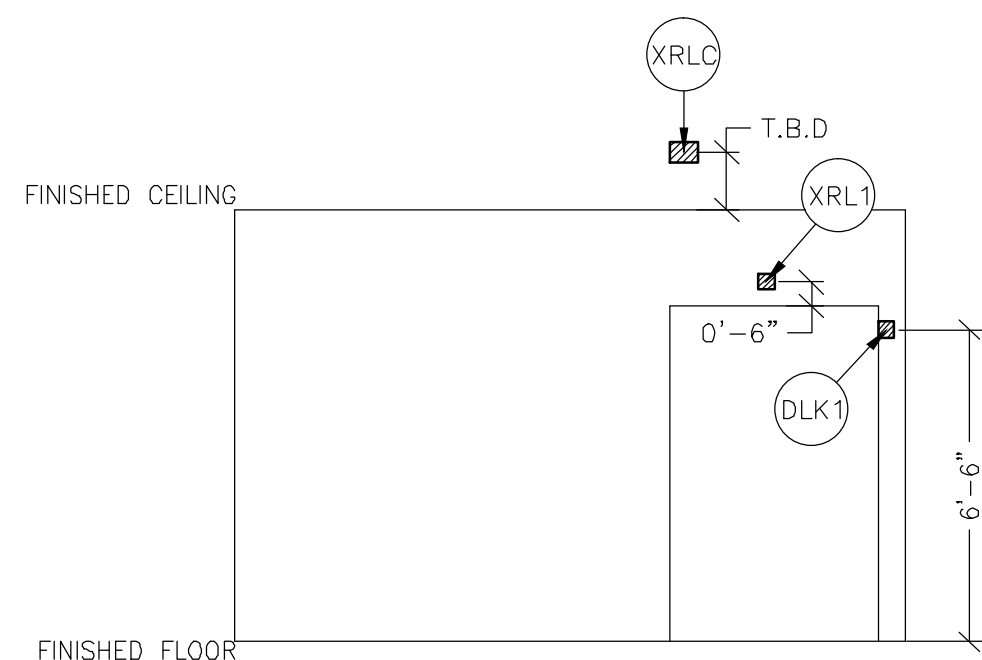


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Healthcare Project Implementation - Design Center
Milwaukee, Wisconsin

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

ELECTRICAL PLAN

CEILING HEIGHT = 9'-0"



DEFINIUM 5000 65kw SYSTEMS CABINET REV. DATE: 01/12/09

- 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 WITH A 4 AWG. MINIMUM. AUTO-RESTART REQUIRES A 3 AWG. MINIMUM FEEDER AND GROUND. THIS GROUND WILL RUN FROM THE MOP 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							
	80 AMP BREAKER				90 AMP AUTO-RESTART BREAKER			
	360-440 400		432-528 480		360-440 400		432-528 480	
	SIZE OF FEEDERS AND GROUND WIRES (AWG)							
	FEEDER	GROUND	FEEDER	GROUND	FEEDER	GROUND	FEEDER	GROUND
50	* 4	(4)	* 4	(4)	* 3	(3)	* 3	(3)
100	* 4	(4)	* 4	(4)	* 3	(3)	* 3	(3)
150	2	(2)	* 4	(4)	2	(2)	* 3	(3)
200	1	(1)	2	(2)	1	(1)	2	(2)
250	2/0	(2/0)	1	(1)	2/0	(2/0)	1	(1)
300	2/0	(2/0)	1/0	(1/0)	2/0	(2/0)	1/0	(1/0)
350	3/0	(3/0)	2/0	(2/0)	3/0	(3/0)	2/0	(2/0)
400	4/0	(4/0)	3/0	(3/0)	4/0	(4/0)	3/0	(3/0)
450	250M	(250M)	3/0	(3/0)	250M	(250M)	3/0	(3/0)

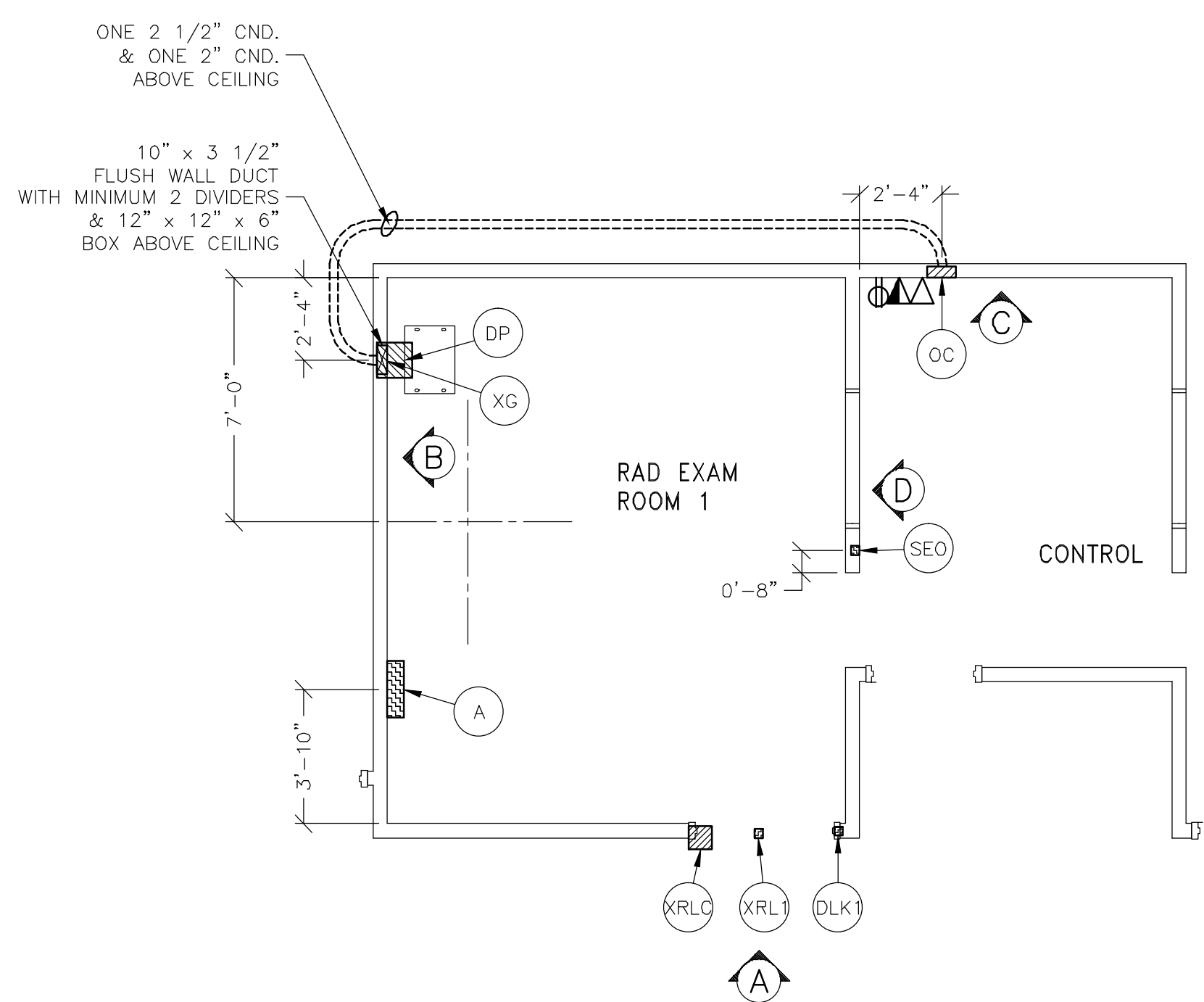
ELECTRICAL OUTLET LEGEND

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

PLEASE SEE BELOW FOR ADDITIONAL REQUIRED CONDUIT RUNS AND SIZES.



ADDITIONAL CONDUIT RUNS FOR DEFINIUM 5000 (BY CONTRACTOR)

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

REV DATE: 10/01/08

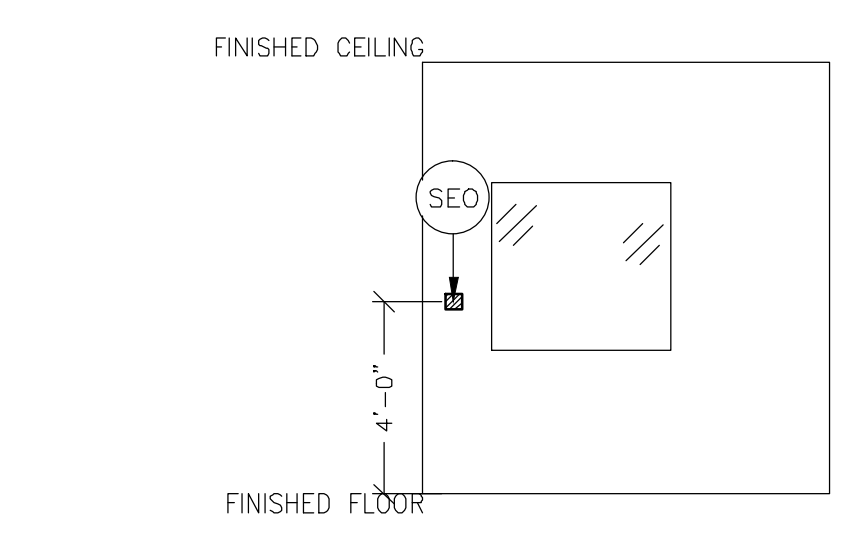
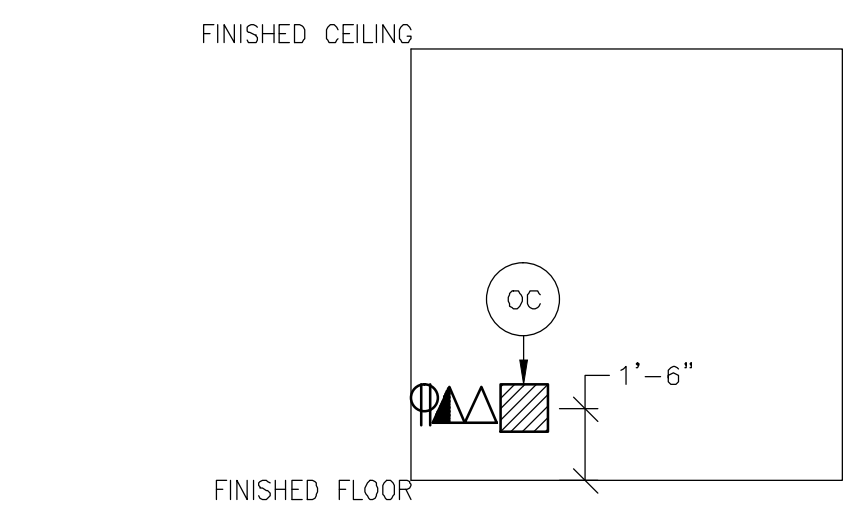
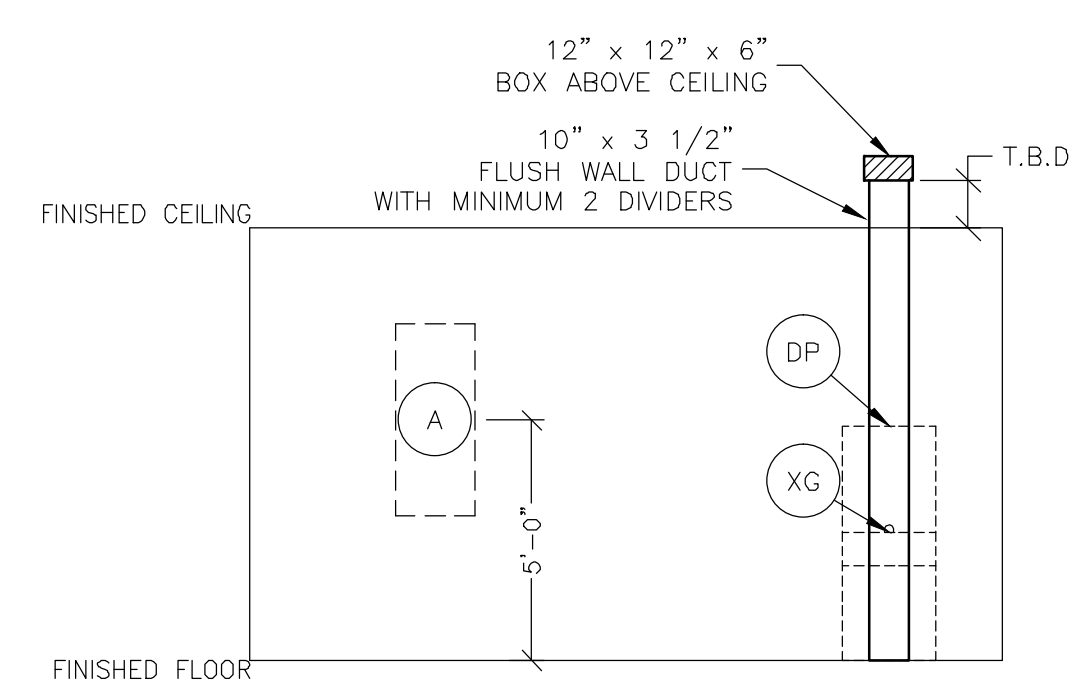
FROM	TO	DESCRIPTION
XRLC	TO XRL1	ONE 1/2" CND.
XRLC	TO XG	ONE 1/2" CND.
XRLC	TO 120-V 1P POWER	CND. AS REQ'D
A	TO XG	ONE CND. AS REQ'D
A	TO SEO	ONE 1/2" CND.
A	TO FEEDER	ONE CND. AS REQ'D
DLK1	TO XG	ONE 1/2" CND.

NOTE: SEE E2 PAGE FOR MAXIMUM RUN LENGTHS

GE Project Manager: VINSON MARTIN
 Telephone: (281) 852-8641
 THE GE HR TECHNICAL SUPPORT GROUP IS AN ADDITIONAL RESOURCE THAT CAN PROVIDE ANSWERS FOR GENERAL GE PRODUCT SIZING QUESTIONS AND CAN BE REACHED AT (877)-305-9877

JUNCTION POINT DESCRIPTIONS

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	1	80-AMP PANEL, INCLUDED IN ORDER ONE REMOTE EMERGENCY OFF (SEO) PUSHBUTTON AND STAINLESS STEEL WALL PLATE STATION ARE WITH EACH MAIN DISCONNECT	ELEC-15
DLK1	DOOR SWITCH (NEEDED ONLY IF REQUIRED BY STATE/LOCAL CODES)	1	ROOM DOOR INTERLOCK LIMIT SWITCH IN FRAME - NORMALLY OPEN (<24V)	
DP	DEFINIUM POSITIONER	1	CONNECT EXTERNALLY TO XG IN NYLON SLEEVE	
DC	OPERATORS CONSOLE	1	1/8 IN. DIA. CHASE NIPPLE	ELEC-79
		1	3/8 IN. DIA. CHASE NIPPLE	ELEC-168
		1	SPLIT COVERPLATE	
		1	10 X 10 X 4 IN. BOX WITH DIVIDER	
SEO	EMERGENCY OFF	1	PROVIDE A SINGLE GANG, 2 1/2 IN. DEEP, FLUSH MTD. WALL BOX.	ELEC-16
		1	1/8 IN. OF GROMMET MATERIAL FOR A 3 X 3 IN. OPENING IN DUCT COVER	ELEC-168
XG	GENERATOR	1	1 1/2 IN. 90 DEGREE CONNECTOR	ELEC-6
		2	16 FT. LENGTH OF 1 1/2 IN. FLEXIBLE METAL CONDUIT	ELEC-2
XRL1	WARNING LIGHT	1	SINGLE GANG BOX	
		1	X-RAY DIV.	
		1	INCANDESCENT LIGHT FIXTURE, 24V, 8 AMP OR LESS LOW VOLTAGE SOURCE. DO NOT USE FLUORESCENT FIXTURES.	
XRLC	WARNING LIGHT CONTROLLER (AVAILABLE FROM GEHC, CALL 800-538-3102 OR LOCAL GE INSTALLATION PROJECT MGR.)	1	E4508R1 WARNING LIGHT CONTROL OR EQUIVALENT MAX 24V CONTROLLER	ELEC-72



GE Healthcare
 Project Implementation - Design Center
 Milwaukee, WI

SHEET TITLE: ELECTRICAL LAYOUT
 MODALITY TYPE: DEFINIUM 5000

THIS PLAN IS SUBMITTED TO SUBMIT 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 LOCAL AND NATIONAL ELECTRICAL CODES. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF ALL INFORMATION PROVIDED HEREIN. GE HEALTHCARE SHALL NOT BE HELD RESPONSIBLE FOR ANY DAMAGES RESULTING THEREFROM.

ROOM NO. 1
 UT PHYSICIANS
 WOODLANDS
 THE WOODLANDS, TEXAS

PROJECT	REVISION
122907	00

DATE: 09.Oct.12
 DRAWN BY: JLT
 CHECKED BY: REK
 QT. NO: PIC161554v1
 QT. DT: 24.Sep.12

REVISION HISTORY:

SHEET
 E1

This drawing is based on Sketch No.: 12UTPWoodlands

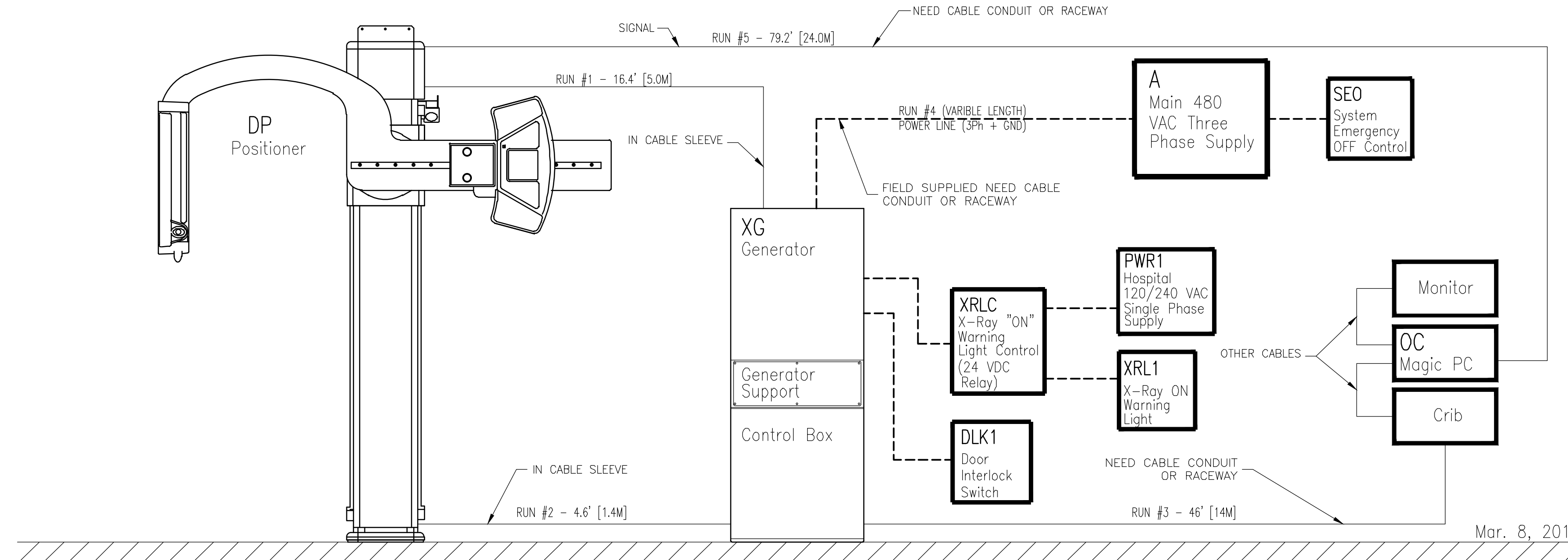
CONTRACTOR SUPPLIED AND INSTALLED WIRING

ELECTRICAL CONTRACTOR SHALL RING OUT AND TAG ALL WIRES AT BOTH ENDS.

WIRE RUN, FROM - TO	QUANTITY, WIRE SIZE/COLOR
XG > XRLC	2-ND 14 BLACK, 2-ND 14 RED
XRLC > 1 PHASE	1-ND 14 BLACK, 1-ND 14 GREEN
A > SEO	1-ND 14 BLACK, 1-ND 14 GREEN
XRL1 > XRLC	1-ND 14 BLACK, 1-ND 14 GREEN
480-V > A	3-BLACK, 1-GREEN - REFER TO FEEDER TABLE
A > XG	3-BLACK, 1-GREEN - REFER TO FEEDER TABLE (<#2 AWG MAX)

INTERCONNECT DIAGRAM

Definium 5000 System Interconnect Runs



Mar. 8, 2011

POWER SPECIFICATIONS

DEFINIUM 5000 65kw GENERATOR REV. DATE: 03/10/11

VOLTAGE PRIMARY SOURCE IS REQUIRED FOR ALL INSTALLATIONS. RANGE OF LINE VOLTAGES NOMINAL LINE VOLTAGE OF 400 OR 480, 3 PHASE, WITHOUT NEUTRAL, 50 OR 60 Hz.

REQUIRED POWER SUPPLY: WYE OR DELTA DISTRIBUTION
MAXIMUM DAILY VOLTAGE VARIATION MUST FALL WITHIN ONE OF THE RANGES IN TABLE A.

TABLE A ALLOWABLE INPUT VOLTAGES/CURRENT DEMAND

NOMINAL VOLTAGE	NORMAL RANGE ±10 PERCENT	CURRENT (AMPS)		MINIMUM STANDARD OVERCURRENT PROTECTION
		MAX. MOMENTARY	CONTINUOUS	
400	360-440	117	6.1	60-A
480	432-528	98	5.1	50-A

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 = 4.2 KVA. (MAX DEMAND = 81.25 KVA)

TABLE B MAXIMUM MOMENTARY POWER DEMAND.

DEMAND	DEFINIUM
kVa * POWER FACTOR AT	81.25 0.73
mA	650
kVp	150

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

DISTRIBUTION TRANSFORMER FOR A SINGLE UNIT INSTALLATION, THE MINIMUM TRANSFORMER SIZE IS 112.5 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.

DIAGRAM KEY

- CUSTOMER/CONTRACTOR SUPPLIED WIRING. ROUTE IN ADEQUATE CONDUIT OR RACEWAY.
- GE FURNISHED CABLE RUNS. ROUTE IN EMPTY CONDUIT OR RACEWAY.
- 59' [18M] MAXIMUM RUN LENGTH BETWEEN JUNCTION POINTS. Feet, [Meters]

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

SHEET TITLE: ELECTRICAL SPECIFICATIONS
MODALITY TYPE: DEFINIUM 5000

THIS PLAN IS SUBMITTED TO SUBMIT LOCATION OF GE HEALTHCARE EQUIPMENT AND ASSOCIATED APPARATUS. ELECTRICAL WIRING DETAILS AND ROOM ARRANGEMENTS IN PREPARING THIS PLAN, EVERY EFFORT HAS BEEN MADE TO CONFORM TO DETAILS AND SPECIFICATIONS OF THE MANUFACTURER. THE COMPANY SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES RESULTING THEREFROM.

ROOM NO. 1
UT PHYSICIANS
WOODLANDS
THE WOODLANDS, TEXAS

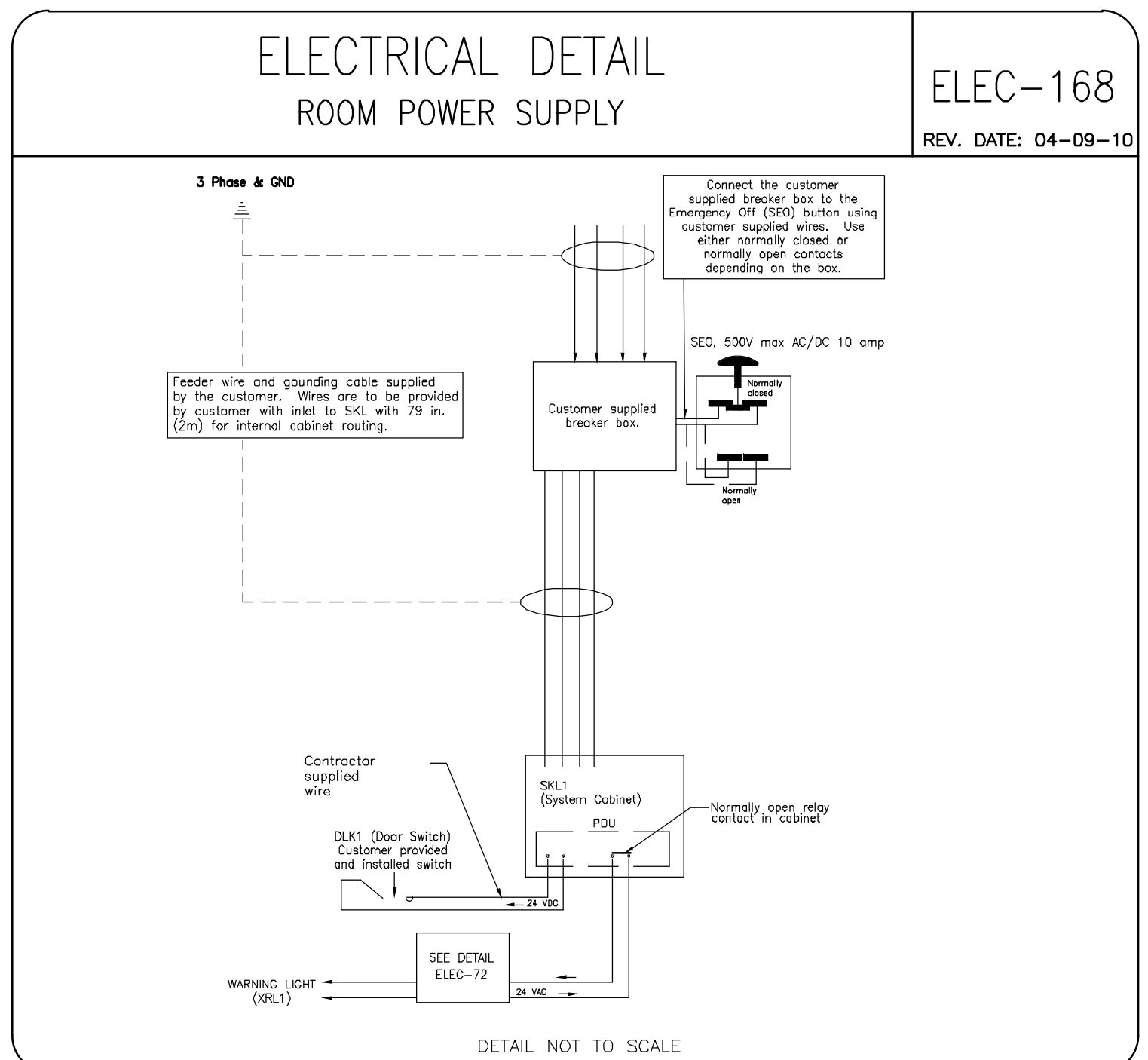
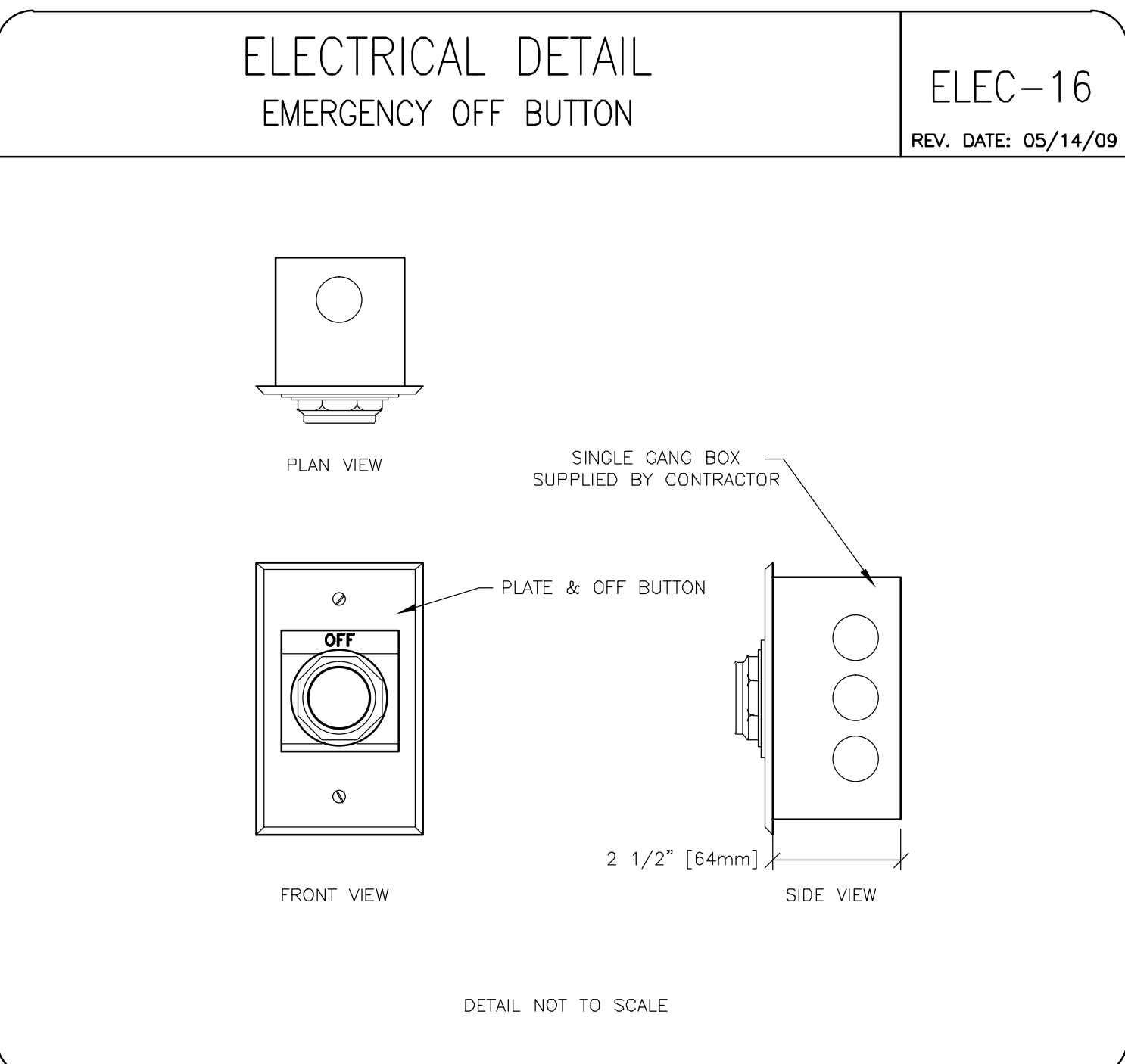
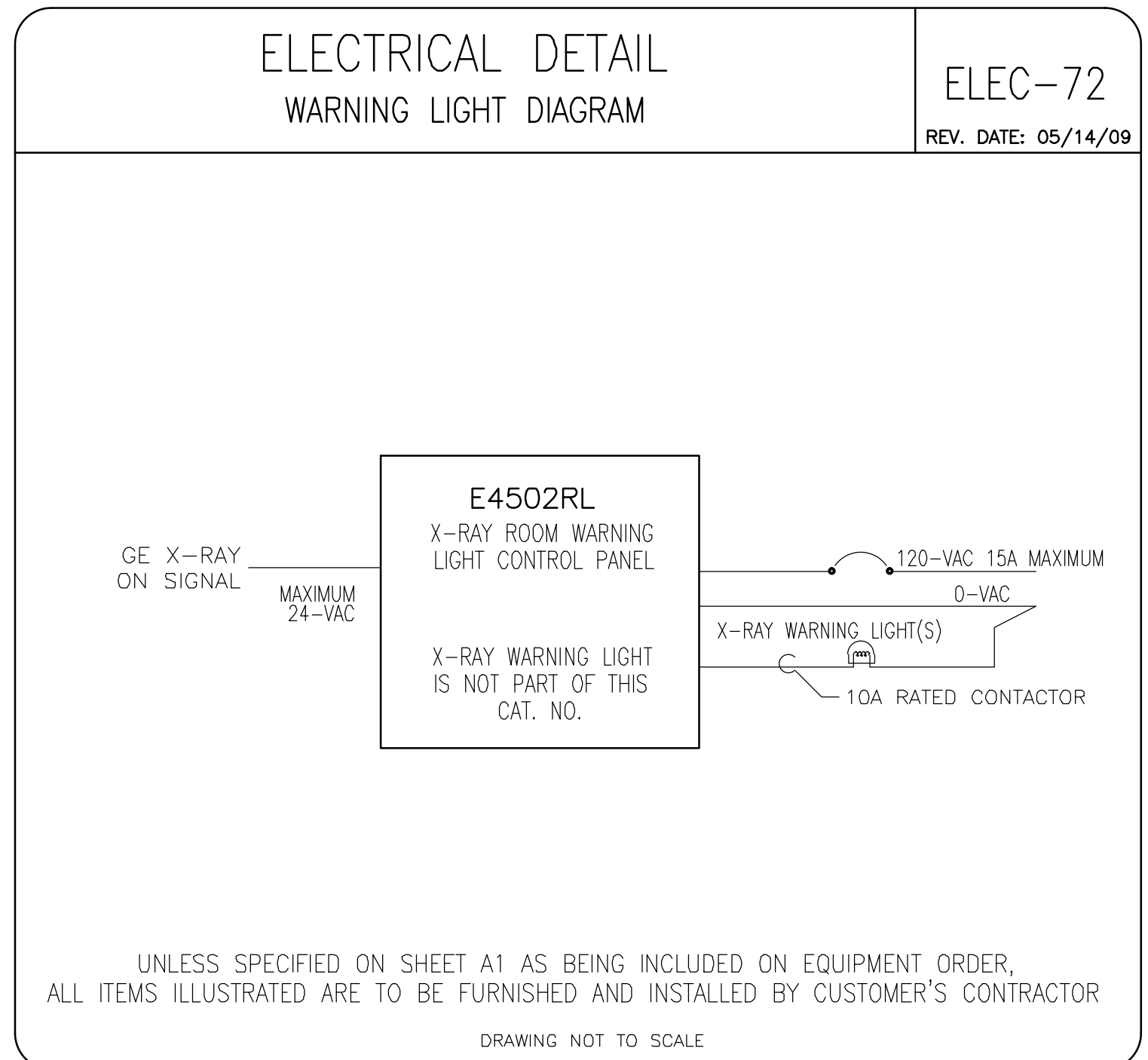
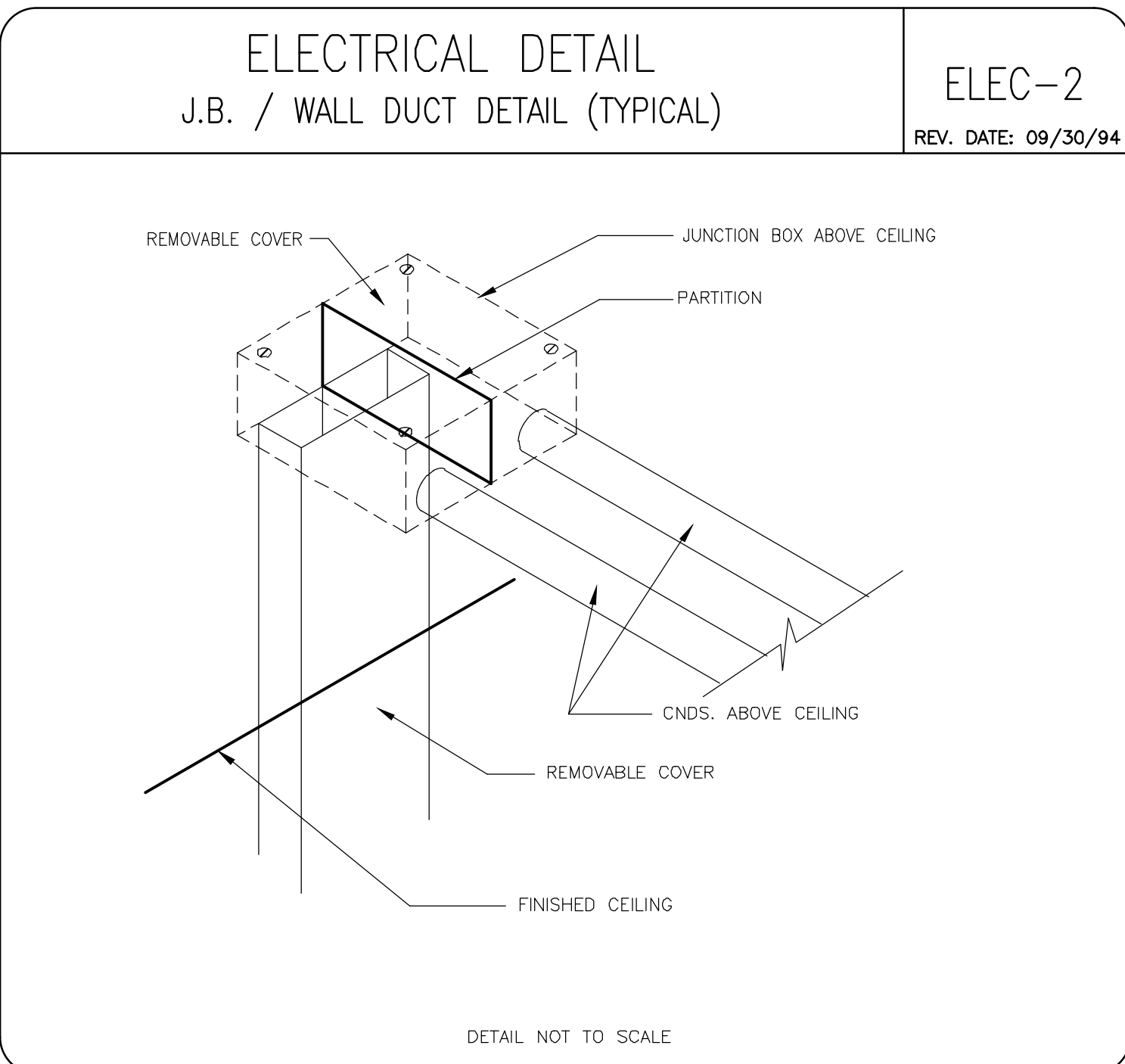
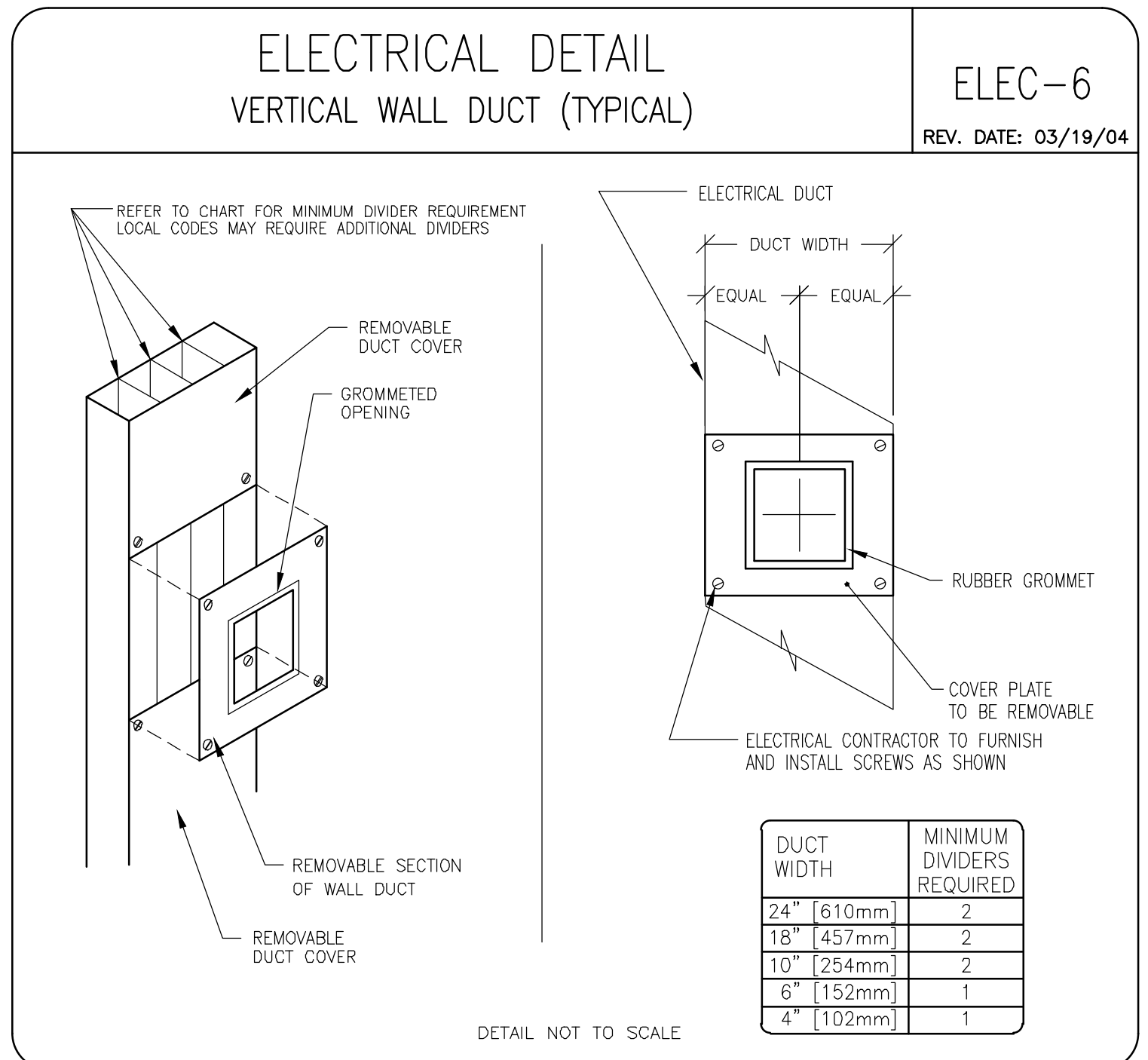
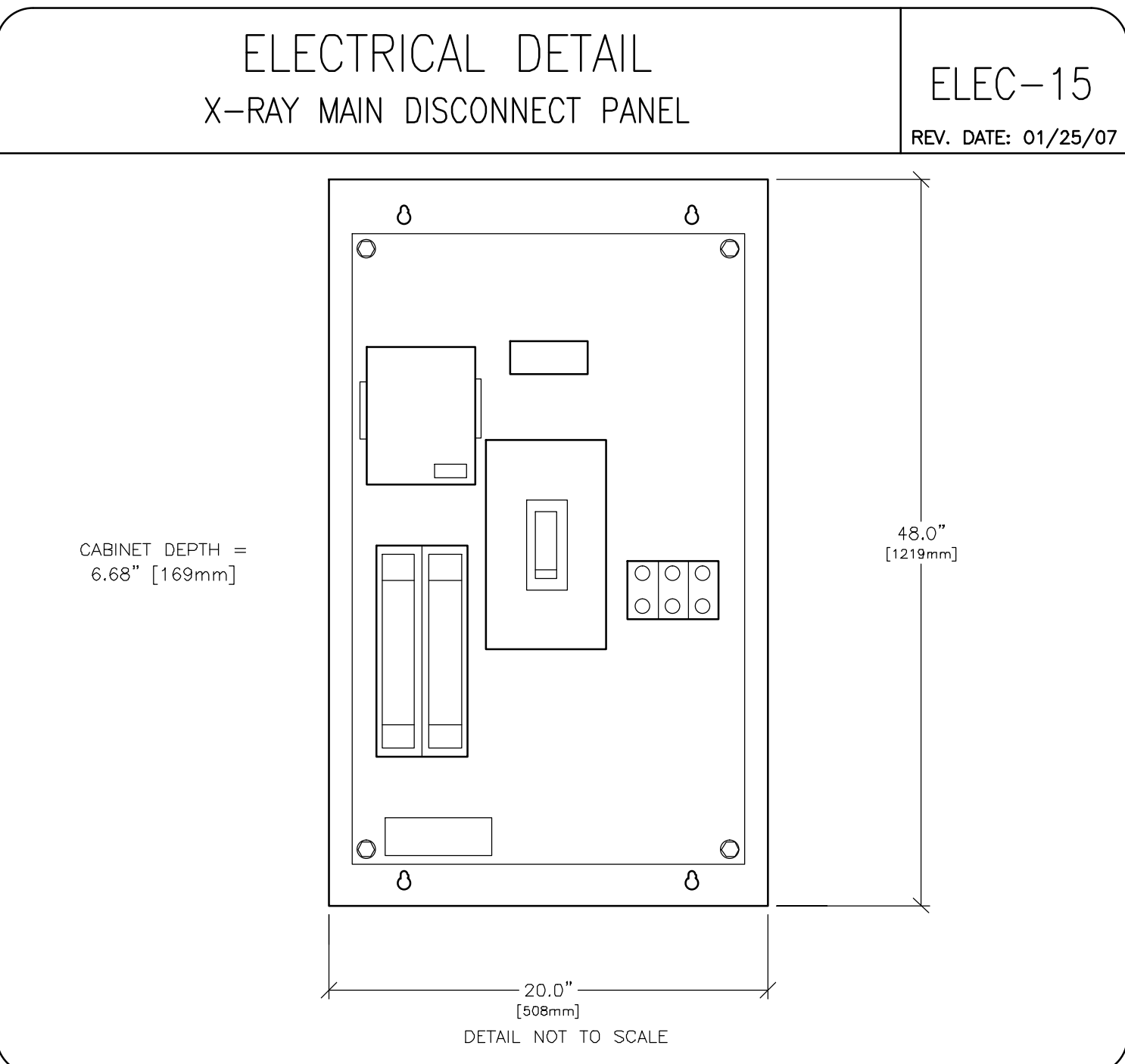
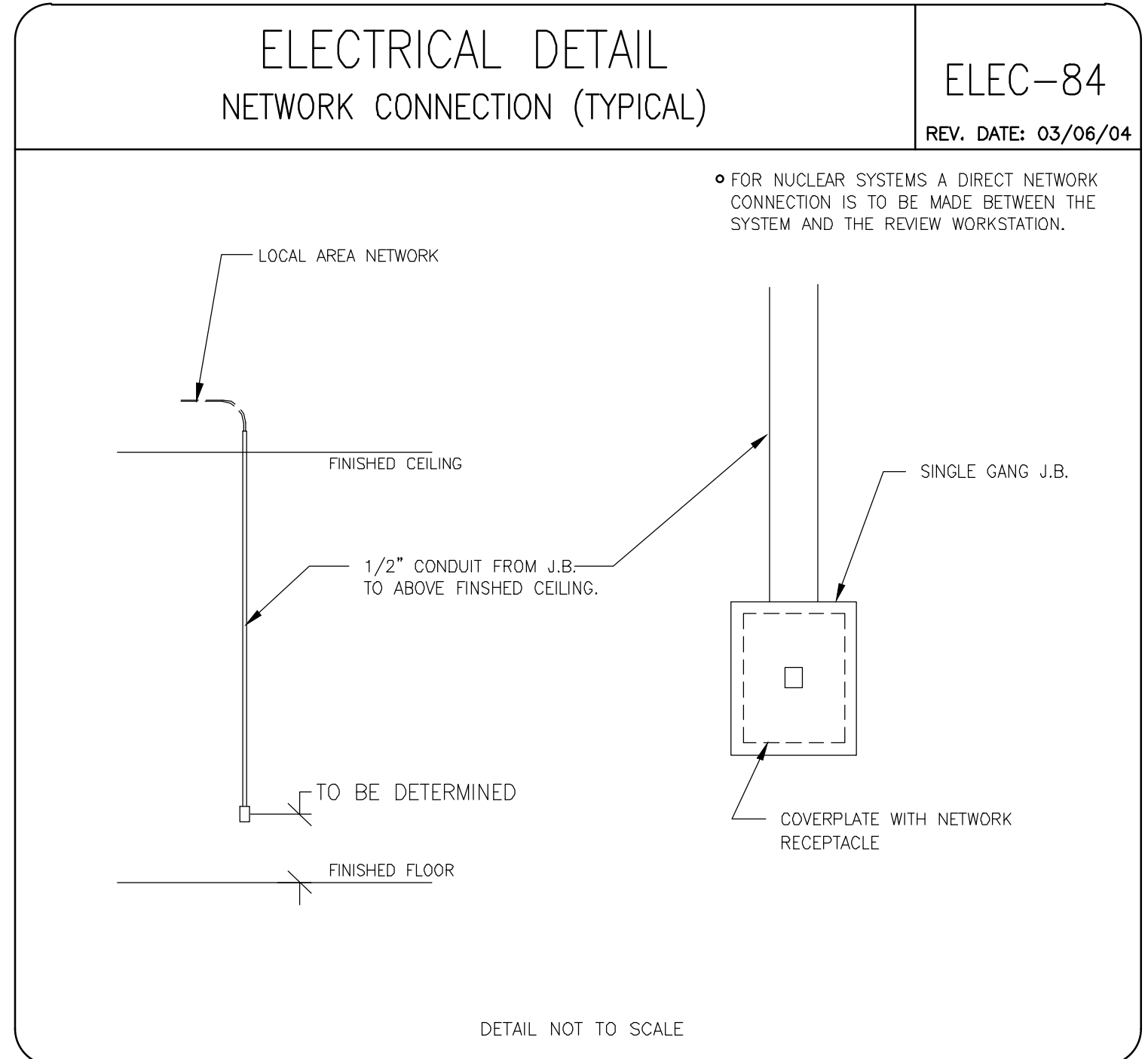
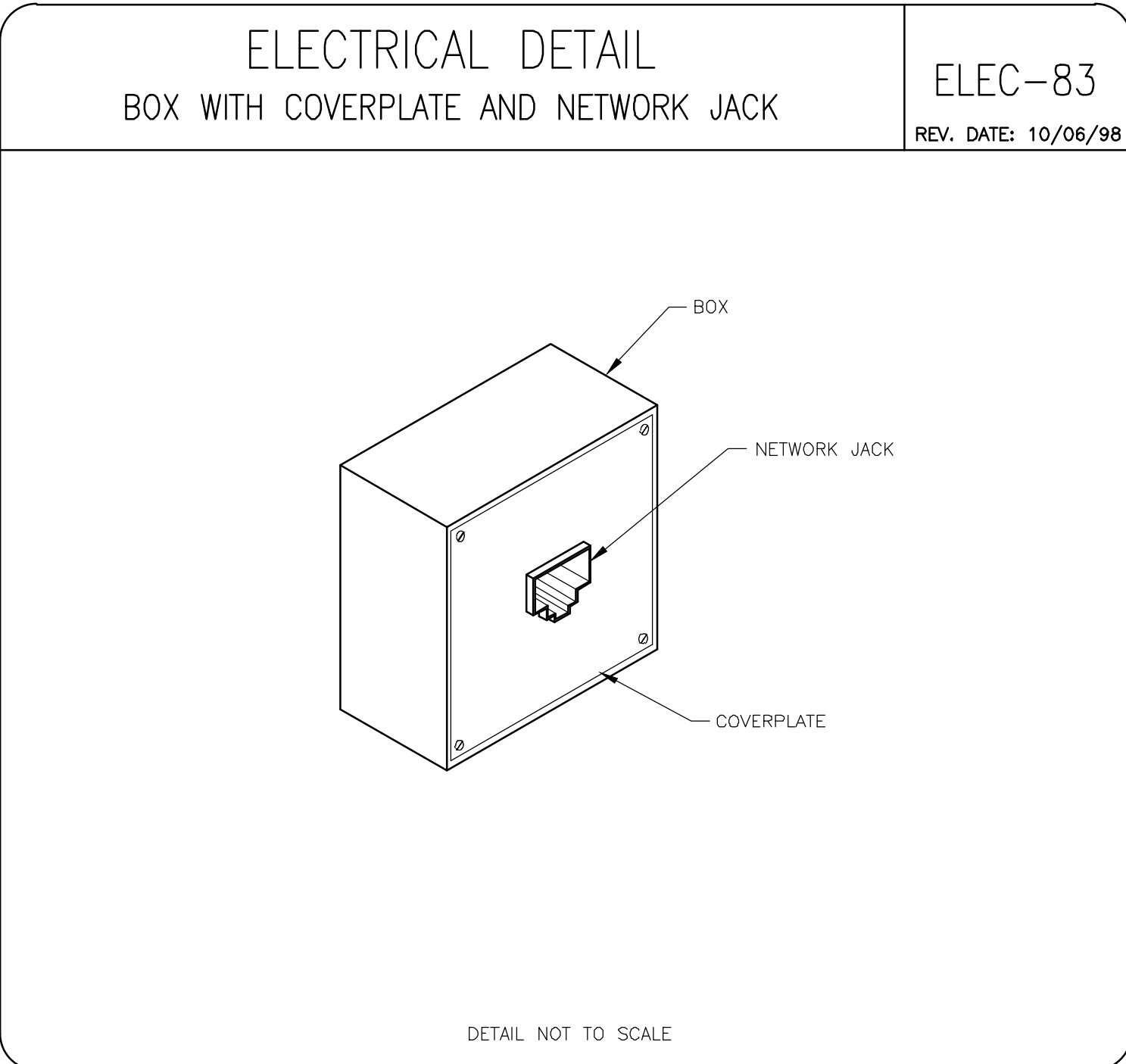
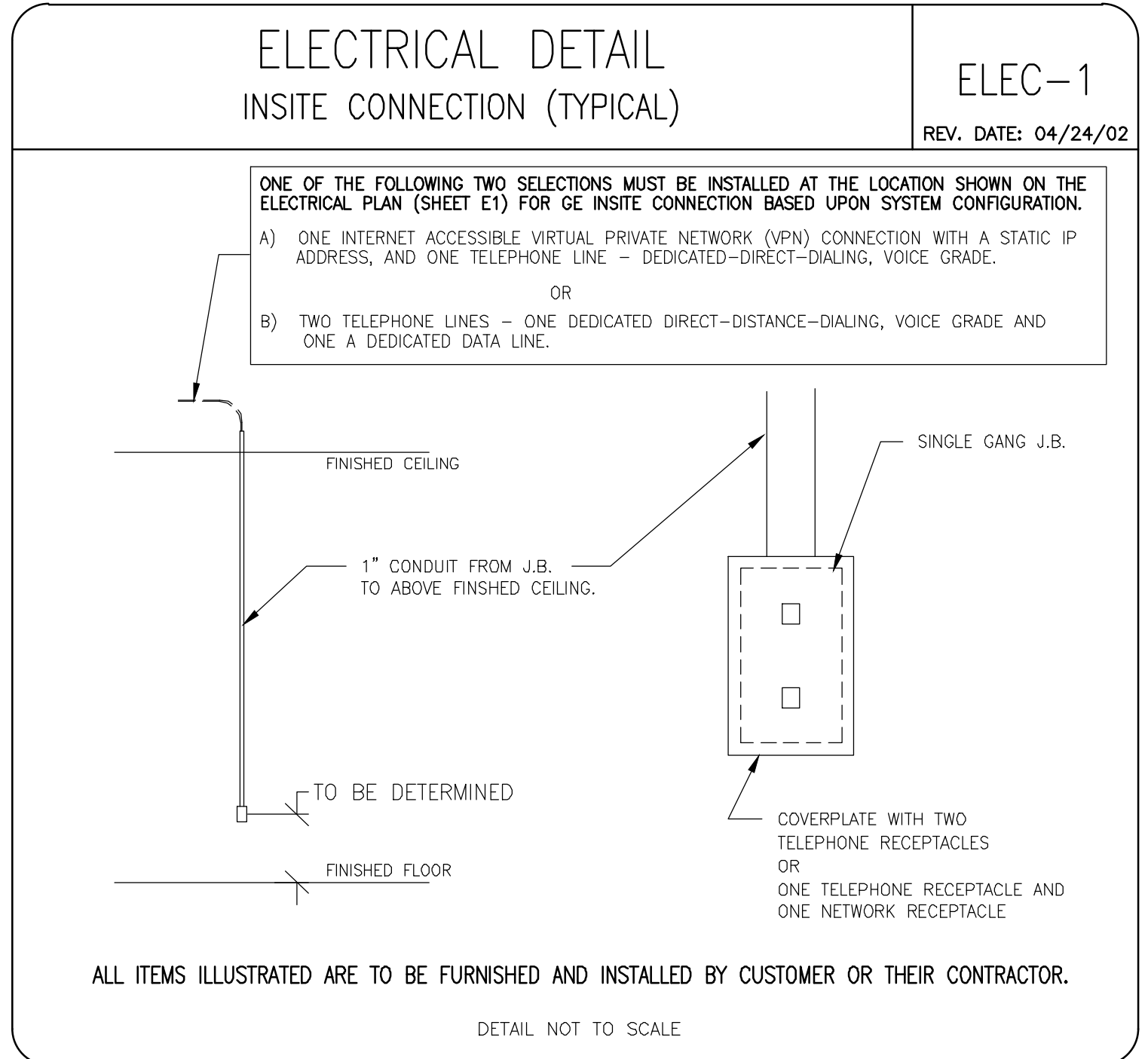
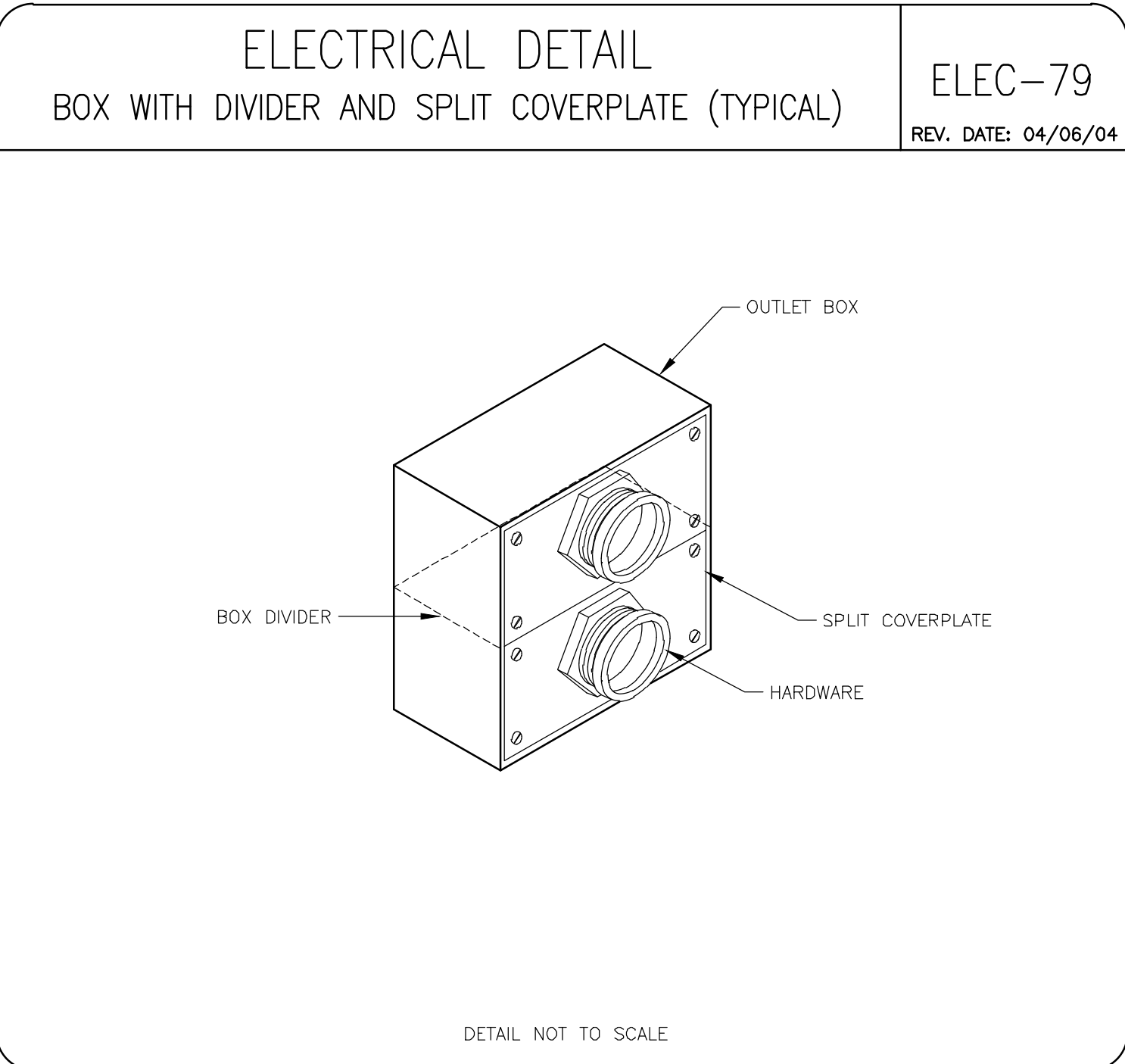
PROJECT	REVISION
122907	00
DATE:	09.Oct.12
DRAWN BY:	JLT
CHECKED BY:	REK
QT. NO:	P1C161554v1
QT. DT:	24.Sep.12

REVISION HISTORY:

SHEET
E2

GE Healthcare
Healthcare Project Implementation - Design Center
Milwaukee, Wisconsin

This drawing is based on Sketch No.: 12UTPWoodlands
PIM R7
RQ - 130574



GE Healthcare
Healthcare Project Implementation - Design Center
Milwaukee, Wisconsin

SHEET TITLE: ELECTRICAL DETAILS
MODALITY TYPE: DEFINUM 5000

THIS PLAN IS SUBMITTED TO SURVEY WORKING EQUIPMENT AND ASSOCIATED APPARATUS. EVERY EFFORT HAS BEEN MADE TO CONFORM DETAILS IN PREPARING THIS PLAN. HOWEVER, IT IS NOT TO BE USED FOR ACTUAL CONSTRUCTION PURPOSES. THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

ROOM NO. 1
UT PHYSICIANS
WOODLANDS, TEXAS
THE WOODLANDS, TEXAS

PROJECT	REVISION
122907	00

DATE: 09.Oct.12
DRAWN BY: JLT
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QT. DT: 24.Sep.12

REVISION HISTORY:

SHEET
E3

This drawing is based on Sketch No.: 12UTPWoodlands
PIM R7
RQ - 130574

EQUIPMENT DETAIL
DEFINIUM 5000 POSITIONER

B5000C
REV. DATE: 03/08/11
CENTER OF GRAVITY

DETECTOR "FIXED" TABLE POSITION
MAX ARM HEIGHT=104.3" [2650mm]

DETAIL NOT TO SCALE

EQUIPMENT DETAIL
EQUIPMENT SHIPPING DETAIL

B5000S
REV. DATE: 09/17/07

COMPONENT CRATED	WEIGHT lb [kg]	DIMENSIONS		
		LENGTH in. [mm]	WIDTH in. [mm]	HEIGHT in. [mm]
POSITIONER, X-RAY TUBE COLLIMATOR, DETECTOR ASSEMBLY AND OTHER COMPONENTS (CRATE 1)	128 [584]	80.5" [2050]	34.0" [870]	41" [1050]
SYSTEM CABINET WITH DOLLY (CRATE 2)	874 [374]	44" [1120]	33" [820]	75" [1900]
MAGIC PC AND FLAT PANEL DISPLAY (CRATE 3)	128 [58]	42.1" [1070]	24.4" [620]	28.2" [730]
LAMINATED MOBILE TABLE (OPTIONAL) (CRATE 3)	164 [74.5]	90.0" [2285]	34.8" [885]	51" [130]
CARBON FIBER MOBILE TABLE (OPTIONAL) (CRATE 3)	154 [70]	90.5" [2300]	30" [770]	9" [230]
ELEVATING MOBILE TABLE (OPTIONAL) (CRATE 3)	540 [240]	94.9" [2410]	33.8" [860]	38.2" [970]
IMAGING PASTING BARRIER (OPTIONAL) (OPTIONAL CRATE)	625 [282]	98" [2440]	37" [940]	50" [1270]
DIGITAL DETECTOR (BOX)	50 [22.7]	47" [1194]	25" [635]	36" [915]

COMPONENT CRATED	WEIGHT lb [kg]	DIMENSIONS		
		LENGTH in. [mm]	WIDTH in. [mm]	HEIGHT in. [mm]
POSITIONER WITH DOLLY (HORIZONTAL TRAVEL POSITION)	1056 [480]	177.5" [4510]	35" [890]	45" [1140]
POSITIONER WITH DOLLY (VERTICAL TRAVEL POSITION)	1056 [480]	53" [1340]	35" [890]	94.4" [2400]
SYSTEM CABINET WITH DOLLY	892 [374]	49" [1250]	31" [800]	66" [1680]
LAMINATED MOBILE TABLE (OPTIONAL)	88 [40]	70" [2000]	25.5" [650]	27.5" [700]
CARBON FIBER MOBILE TABLE (OPTIONAL)	70.5 [32]	87" [2200]	25.5" [650]	27.5" [700]
ELEVATING MOBILE TABLE (OPTIONAL)	284.4 [129]	89.4" [2271]	26.5" [673]	MAX = 34.5" [MAX = 876]
IMAGING PASTING BARRIER (OPTIONAL)	200 [90.7]	58" [1517]	28.3" [718]	80.9" [2054]
DIGITAL DETECTOR	15.6 [7.1]	23" [584]	18.5" [470]	1" [25.4]

EQUIPMENT DETAIL
DEFINIUM 5000 SHIPPING DETAIL

B5000T
REV. DATE: 09/17/07

CONFIGURATION	DIMENSIONS			ABSOLUTE MIN. CORRIDOR	MAX. DOOR OPENING BASED ON MIN. CORRIDOR	PERSONS NEEDED	COMMENT
	LENGTH in. [mm]	WIDTH in. [mm]	HEIGHT in. [mm]				
POSITIONER CRATED	90.5 [2299]	34 [863]	41 [1041]	5'-0"	4'-10"	2	SEE LIFTING PROCEDURE DIRECTION 5192967-100, DEFINIUM 5000 PREINSTALLATION
POSITIONER UNCRATED MOBILE DOLLY WHEELS	111 [2819]	35 [889]	45 [1143]	5'-6"	5'-8"	2	SEE LIFTING PROCEDURE DIRECTION 5192968-100, DEFINIUM 5000 INSTALLATION (MECHANICAL)
POSITIONER ON LIFTING DELIVERY FUTURE INTERMEDIATE LOCATION	95 [2413]	35 [889]	91 [2311]	5'-2"	5'-4"	2	
SYSTEM CABINET CRATED	44 [1117]	32 [812]	75 [1905]	NA	NA	2	
SYSTEM CABINET UNCRATED	49 [1245]	31 [787]	66 [1676]	NA	NA	2	
LAMINATED MOBILE TABLE CRATED	90 [2286]	34.8 [879]	5 [127]	NA	NA	2	
CARBON FIBER TABLE CRATED	90 [2286]	30 [762]	9 [228.6]	NA	NA	2	
ELEVATING MOBILE TABLE CRATED	95 [2413]	34 [863]	38 [965]	NA	NA	2	
IMAGE PASTING BARRIER CRATED	96 [2438]	37 [940]	51 [1270]	NA	NA	2	
DIGITAL DETECTOR BOX	47 [1194]	25 [635]	36 [914]	NA	NA	2	

EQUIPMENT DETAIL
DEFINIUM 5000 POSITIONER

B5000H
REV. DATE: 03/17/11

DIMENSIONS OF POSITIONER

DETAIL NOT TO SCALE

EQUIPMENT DETAIL
DEFINIUM 5000/XR640 IMAGE PASTE BARRIER

B05-57T
REV. DATE: 06/06/09

PLAN VIEW

PLAN VIEW

SIDE VIEW

DETAIL NOT TO SCALE

EQUIPMENT DETAIL
LAMINATED TABLE

B5000B
REV. DATE: 02/12/07

PLAN VIEW

SIDE VIEW

FRONT VIEW

DETAIL NOT TO SCALE

EQUIPMENT DETAIL
18" FLAT PANEL MONITOR

C76-17
REV. DATE: 08/28/09

FRONT VIEW

SIDE VIEW

PLAN VIEW

DETAIL NOT TO SCALE

EQUIPMENT DETAIL
RCIM WITH DL KEYBOARD CONSOLE

C75-02
REV. DATE: 10/25/10

PC TOWER XW6400

PC TOWER XW8200

FRONT VIEW

SIDE VIEW

PLAN VIEW

KEYBOARD

DETAIL NOT TO SCALE

EQUIPMENT DETAIL
DEFINIUM 5000 GENERATOR CABINET

B5000
REV. DATE: 12/28/07

FRONT VIEW

SIDE VIEW

REAR VIEW

TOP VIEW

DETAIL NOT TO SCALE

GE Healthcare
Healthcare Project Implementation - Design Center
Milwaukee, Wisconsin

SHEET TITLE: EQUIPMENT DETAILS
MODALITY TYPE: DEFINIUM 5000

THIS PLAN IS SUBMITTED TO ASSIST IN THE DETERMINATION OF THE LOCATION OF THE HEALTHCARE EQUIPMENT AND ASSOCIATED ELECTRICAL WIRING DETAILS AND ROOM ARRANGEMENTS. IN PREPARING THIS PLAN, EVERY EFFORT HAS BEEN MADE TO CONFORM TO THE DETAILS AND DIMENSIONS SHOWN. THE USER IS ADVISED THAT THE COMPANY CANNOT ACCEPT LIABILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE: ROOM NO. 1
UT PHYSICIANS
THE WOODLANDS, TEXAS

PROJECT	REVISION
122907	00

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REVISION HISTORY:

SHEET
D1

This drawing is based on Sketch No.: 12UTPWoodlands

PIM R7

RQ - 130574