

# 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 \*

Discovery NM/CT 570c  
Pre Installation Manual  
5304351-1EN

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](http://www.gehealthcare.com/siteplanning)

# GE Healthcare



# Nuclear Medicine 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					
Before using this document ensure you have the latest Rev from MyWorkshop on DOC0422752					
GHC Global Order #:		Customer:			
GHC PMI:		FE / Installer:			
The customer is responsible for proper site preparation regardless of any GHC 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  
IS Services Design Center  
Milwaukee, Wisconsin  
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SHEET TITLE: SITE READINESS  
MODALITY TYPE: DISCOVERY NM/CT 570c  
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 ALL LOCAL, STATE, AND FEDERAL REGULATIONS AND TO THE COMPANY'S POLICY ON THE USE OF ACTUAL CONSTRUCTION DIMENSIONS. THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE:  
TYPICAL FINAL  
INSTALLATION DRAWING

PROJECT	REVISION
7-72f	00
DATE:	27.Sep.12
DRAWN BY:	JLT
CHECKED BY:	CPC

REVISION HISTORY:


SHEET  
C1

PIM R2

**GE EQUIPMENT LISTING**

EQUIPMENT ON ORDER FROM GE HEALTHCARE, INSTALLED BY GE HEALTHCARE, PER : NEITHER A QUOTE OR GON WAS ISSUED AT THE DATE OF THESE DRAWINGS

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
1	1		XELERIS WORKSTATION	55 lbs	255 btu	M1014AA	-	WS S
2	1		OPERATOR'S CONSOLE / CDMPTER	493 lbs	8826 btu	B7858A	-	DC S
3	1		OPERATOR'S CHAIR				-	-
4	1		OPERATORS CONSOLE DESK MOUNTED	99 lbs	273 btu		-	AMC
5	1		ACQUISITION COMPUTER	33 lbs	508 btu		0	AC
6	1		UPS SYSTEM	619 lbs	5122 btu	B7864P2	-	UPS
7	1		POWER DISTRIBUTION UNIT	701 lbs	3402 btu	B7858D	-	PM S
8	1		INTEGRATED POWER SUPPLY	171 lbs	204 btu	B4305C	-	IPS
9	1		STORAGE CABINET (EMPTY CABINET WEIGHT)	99 lbs		M33005	-	-
10	1		GANTRY <CT>	4047 lbs	43010 btu	B7864D B7864E B7864A B7864C B7864E1 B78645B	-	CTT C
11	1		ST8000 PATIENT TABLE WITH EXTENDED TABLE TOP	1250 lbs	703 btu	B7920	-	-
12	1		GANTRY <NUCLEAR>	1430 lbs	3170 btu	B4305B	-	VG

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

**EQUIPMENT LAYOUT** SCALE: 1/4" = 1'-0" RECOMMENDED CEILING HEIGHT = 8'-0"

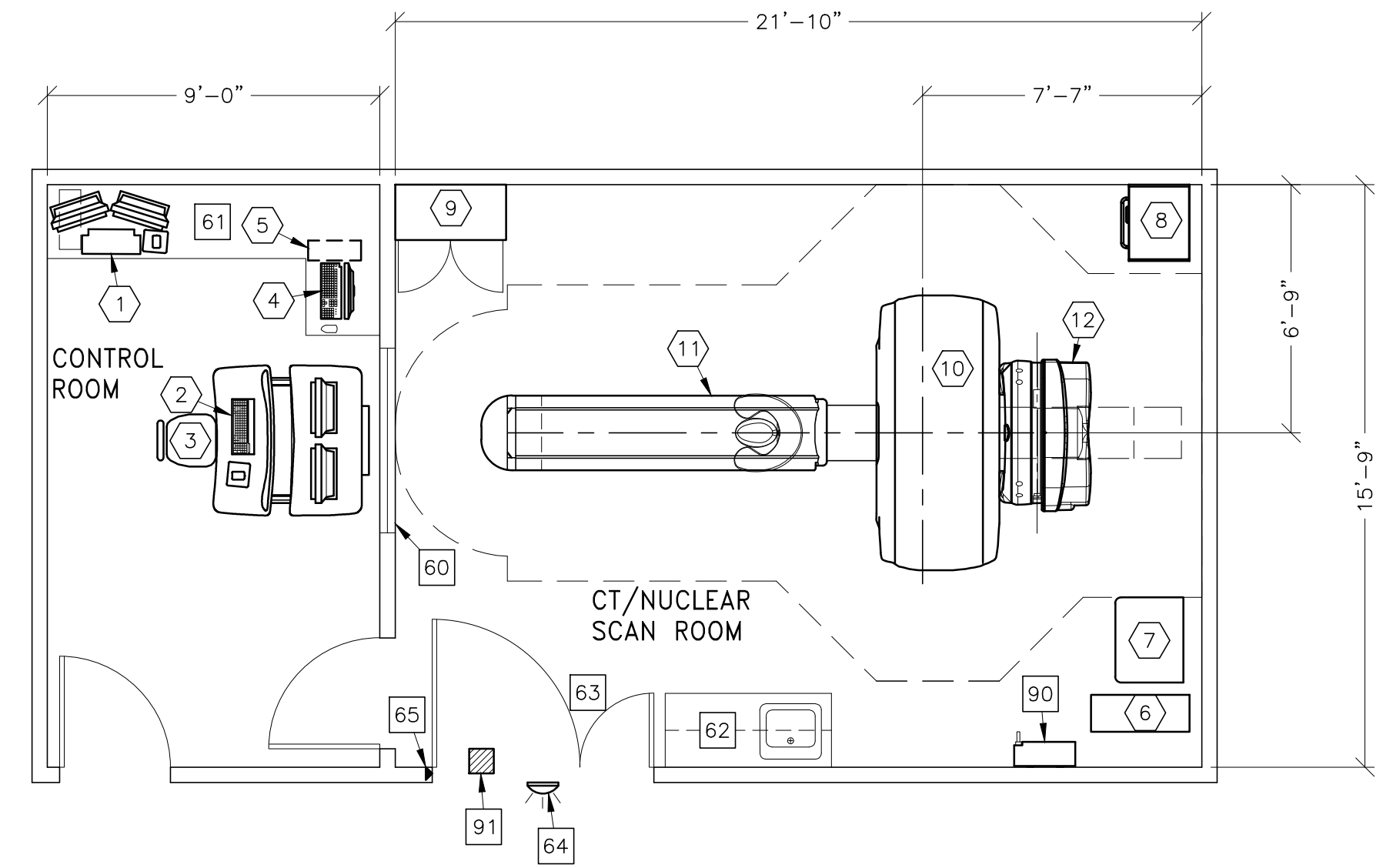
This equipment layout indicates the placement and interconnection of the indicated equipment components. There may be federal, state, and/or local requirements that could impact the placement of these components. It remains the Customer's responsibility for ensuring the site and final equipment placement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

**IMPORTANT CUSTOMER READINESS ALERT:**

THIS EQUIPMENT INVOLVES THE USE OF RADIOACTIVE ISOTOPES, INCLUDING THOSE SOURCES NECESSARY FOR EQUIPMENT CALIBRATION. APPROPRIATE REGULATORY COMPLIANCE AND LICENSING MUST BE ARRANGED BY THE CUSTOMER EARLY IN THE PLANNING PROCESS AND THEN DEMONSTRATED/AVAILABLE FOR EQUIPMENT INSTALLATION.

ASSIGNED BY THE HOSPITAL NET ADMIN IF CONNECTING TO THE HOSPITAL LAN	HOSTNAME	IP	AE TITLE	DICOM PORT
ACQUISITION HOST				
PROCESSING HOST				
HARDCOPY HOST				
LAN NET MASK				
GATEWAY TO OTHER NETWORKS				
OTHER				
HUB OR SWITCH				

- PREPARE ADEQUATE NETWORK SOCKETS IN THE PROPER LOCATIONS TO SUPPORT ALL ACQUISITION, LOCAL AND REMOTE WORKSTATIONS.
- IT DEPARTMENT MUST ASSIGN DEDICATED IP ADDRESSES (NOT DHCP) NOTE THE ADDRESSES BELOW FOR THE ACQUISITION, LOCAL AND REMOTE WORKSTATIONS.
- PREPARE BROADBAND CONNECTIVITY LINE AND DEDICATED IP ADDRESSES FOR INSITE CONNECTIVITY.
- REFER TO TABLE ON AT PAGE



**ANCILLARY ITEMS**

**CUSTOMER/CONTRACTOR SUPPLIED AND INSTALLED ITEMS**

ITEM NO.	ITEM DESCRIPTION (* INDICATES EXISTING)
60	CONTROL WALL TO CEILING WITH LEAD GLASS WINDOW
61	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.
62	COUNTER TOP WITH SINK, BASE AND WALL CABINETS
63	MINIMUM DOOR OPENING FOR EQUIPMENT DELIVERY IS 44 IN. W X 82 IN. H (1118mm X 2108mm). CONTINGING ON A 96 IN. (2438mm) CORRIDOR WIDTH
64	X-RAY ON WARNING LIGHT - AVAILABLE FROM GE SUPPLY CALL: 800-200-9760, GE CAT. NO. WX1ABWW-DF-XIU
65	DOOR LIMIT SWITCH (REQUIRED IN SOUTH CAROLINA, OTHERWISE NEEDED ONLY IF REQUIRED BY STATE/LOCAL CODES)
90	MAIN DISCONNECT CONTROL, GEHS CAT. NO. E4502AE, 125 LBS., SEE DETAIL E4502AE
91	X-RAY ROOM WARNING LIGHT CONTROL PANEL. REFERENCE JUNCTION POINT 'VLC' ON SHEET 'E1' FOR DETAILED DESCRIPTION-E4502ERL FOR WARNING LIGHT CONTROL ONLY.

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

**GENERAL SPECIFICATIONS**

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

**SITE ENVIRONMENT SPECIFICATIONS**

- AMBIENT OPERATING TEMPERATURE: 64° TO 79° F [18° TO 26° C], MAXIMUM ALLOWABLE TEMPERATURE CHANGE OF 5° F [3° C] /HOUR.
- DO NOT PLACE CAMERA NEAR REGISTERS, WINDOWS OR OTHER COMPONENTS THAT COULD AFFECT TEMPERATURE LEVEL CHANGES IN CAMERA VICINITY.
- HUMIDITY: 40 TO 60 PERCENT NON-CONDENSING, MAXIMUM ALLOWABLE CHANGE OF 10 PERCENT/HOUR.
- ELECTROSTATIC DISCHARGE IS KNOWN TO CAUSE SEVERE DAMAGE TO SOPHISTICATED ELECTRONICS. STATIC CHARGES ASSOCIATED WITH LOWER HUMIDITY LEVELS (BELOW 40%) MAY INTERFERE WITH SYSTEM OPERATION.
- ALTITUDE: NOT TO EXCEED 8000 FT. (2438 m) ABOVE SEA LEVEL.
- THE ENVIRONMENT FOR THE ELECTRONICS CABINET/CPU MUST BE CONTROLLED SO THE ABOVE RESTRICTIONS ARE NOT EXCEEDED.
- BACKGROUND RADIATION SHOULD BE KEPT TO A MINIMUM. RADIOACTIVE SOURCES MUST BE KEPT IN SHIELDED CONTAINERS AND THE EXAMINATION ROOM SHIELDED FROM EXTERNAL SOURCES (FOR EXAMPLE X-RAY AND CT SYSTEMS, AND PATIENTS UNDERGOING TREATMENT).

**MAGNETIC INTERFERENCE SPECIFICATIONS**

NUCLEAR CAMERA DETECTORS MUST BE LOCATED IN AMBIENT STATIC MAGNETIC FIELDS OF LESS THAN 0.5 GAUSS TO GUARANTEE SPECIFIED IMAGING PERFORMANCE.

NUCLEAR COMPUTER EQUIPMENT MUST BE LOCATED IN AMBIENT STATIC MAGNETIC FIELDS OF LESS THAN 10 GAUSS TO GUARANTEE DATA INTEGRITY.

MULTIFORMAT CAMERA MUST BE LOCATED IN AMBIENT STATIC MAGNETIC FIELDS OF LESS THAN 3 GAUSS TO OBTAIN SPECIFIED GEOMETRIC LINEARITY.

NUCLEAR DIAGNOSTIC CONSOLE MUST BE LOCATED IN AMBIENT STATIC MAGNETIC FIELDS OF LESS THAN 1 GAUSS IF CONSOLE HAS A COLOR DISPLAY AND 10 GAUSS IF MONOCHROME. TO OBTAIN SPECIFIED GEOMETRIC LINEARITY AND FREEDOM FROM COLOR DISTORTION.

**GE Healthcare**

Healthcare Project Implementation - Design Center

Minneapolis, MN

SHEET TITLE: **EQUIPMENT LAYOUT**

MODALITY TYPE: **DISCOVERY NM/CT 570c**

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 REVISIONS OF ALL APPLICABLE CODES AND REGULATIONS. GE HEALTHCARE ASSUMES NO LIABILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE:

**TYPICAL FINAL  
INSTALLATION DRAWING**

PROJECT	REVISION
7-72f	00

DATE: 27.Sep.12

DRAWN BY: JLT

CHECKED BY: CPC

REVISION HISTORY:

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\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

SHEET

**A1**

TYPICAL WALL SUPPORT ELEVATIONS

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

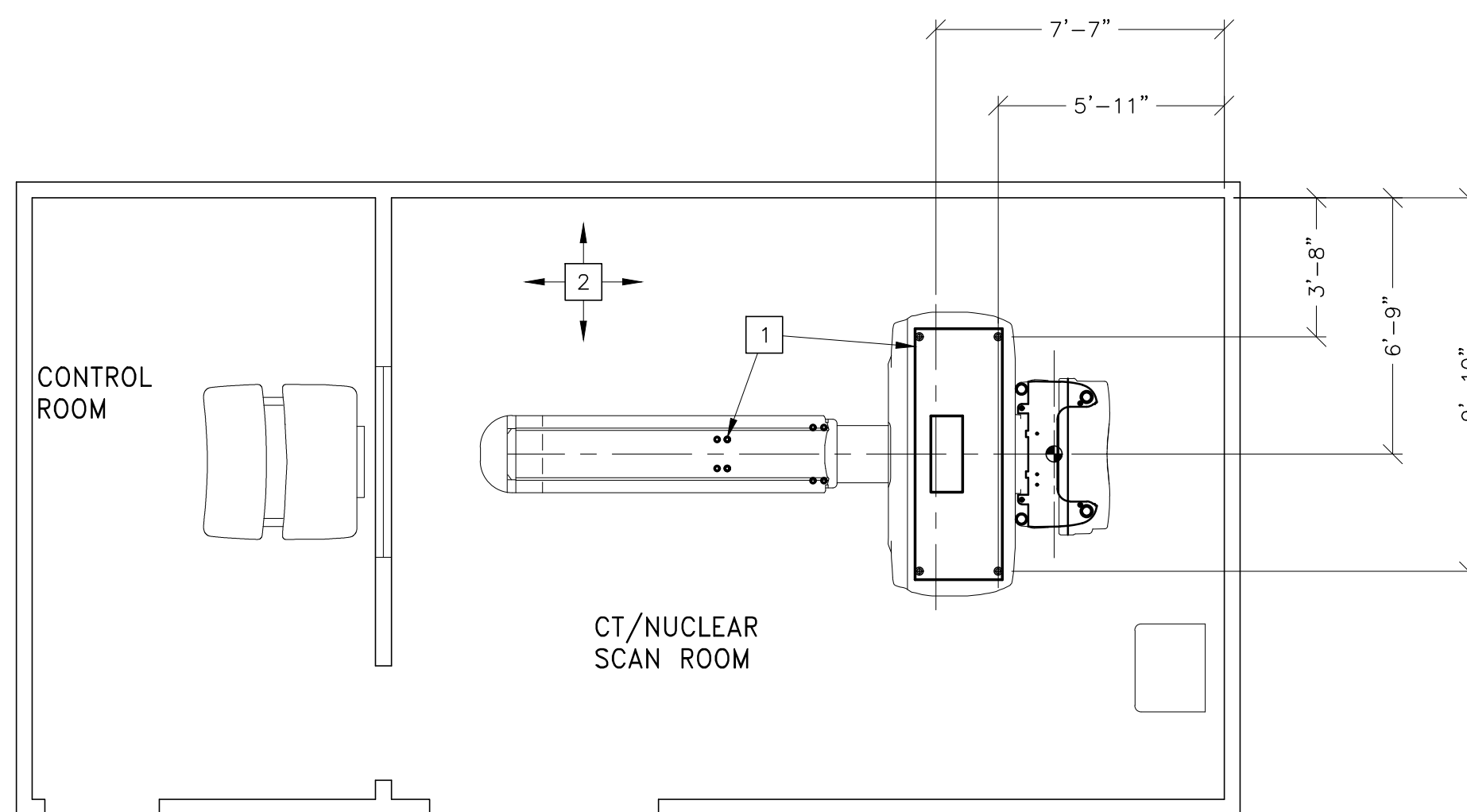
STRUCTURAL LAYOUT

RECOMMENDED CEILING HEIGHT = 8'-0"

STRUCTURAL SUPPORT METHODS

CUSTOMER/CONTRACTOR SUPPLIED AND INSTALLED ITEMS

ITEM NO.	ITEM DESCRIPTION (* INDICATES EXISTING)
1	LEVELING AREA FOR GANTRY AND TABLE, SEE DETAIL B78-64 ON SHEET S2.
2	FLOOR LEVELNESS IN THE EXAM ROOM MUST BE LEVEL WITHIN 1/16 IN. (1.57 MM) OVER 120 IN. (3.05 M). SEE DETAIL B4305 ON SHEET S2. FLOOR FLATNESS IN THE EXAM ROOM MUST HAVE NO DEVIATIONS GREATER THAN 3/16" (3 MM) OVER 60 IN. (1.524 MM).



STRUCTURAL NOTES

- 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.
- FLOOR SLABS ON WHICH EQUIPMENT IS TO BE INSTALLED MUST BE LEVEL TO SPECIFICATIONS. (IF NOT SPECIFIED ELSEWHERE ON THIS SHEET THE FLOOR LEVELNESS SHOULD BE 1/8 IN. (3 MM) IN 10 FT. (3.05 M).
- DIMENSIONS ARE TO FINISHED SURFACES OF ROOM.
- FOR SEISMIC REGIONS ENSURE SUPPORTS SPAN THREE MEMBERS.
- 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"

PROJECT TITLE:

TYPICAL FINAL  
INSTALLATION DRAWING

PROJECT	REVISION
7-72f	00

DATE: 27.Sep.12  
DRAWN BY: JLT  
CHECKED BY: CPC

REVISION HISTORY:


SHEET

S1

SHEET TITLE: STRUCTURAL LAYOUT  
MODALITY TYPE: DISCOVERY NM/CT 570c

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

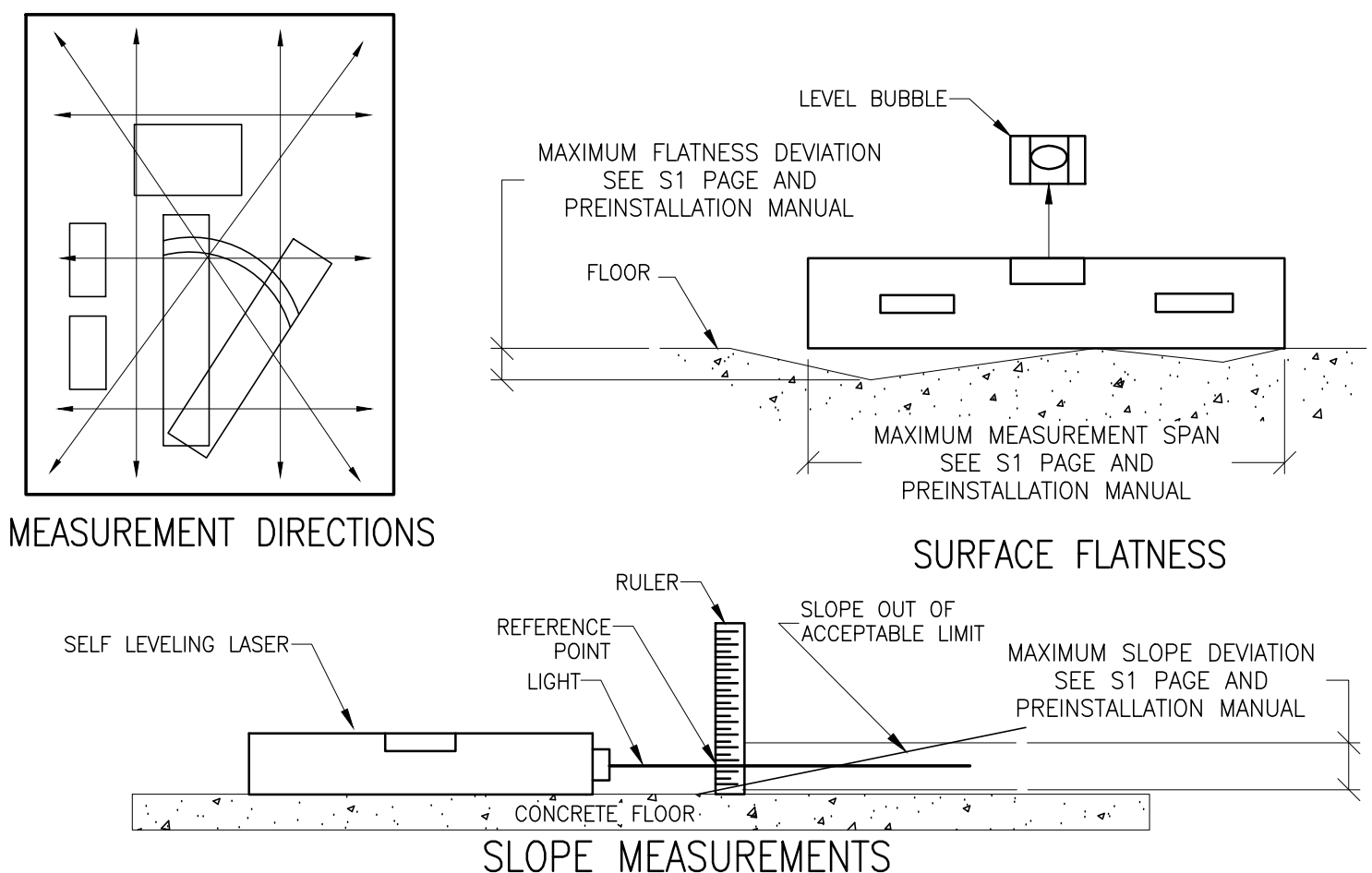


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Milwaukee, Wisconsin

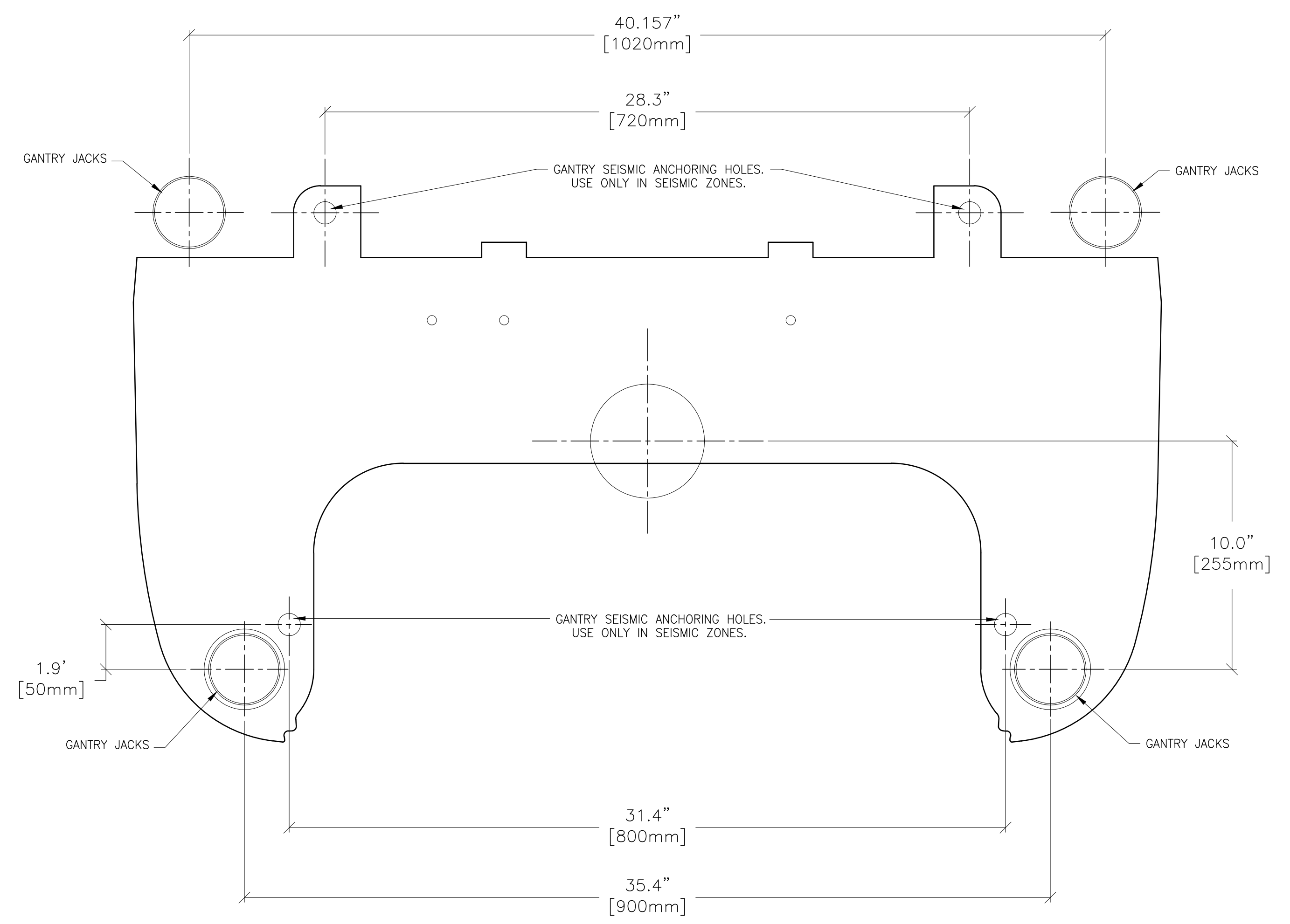
**SUPPORT DETAIL**  
**LEVELING AND FLATTENING FLOOR AREA DETAIL**

B3000X  
 REV. DATE: 04.May.2012



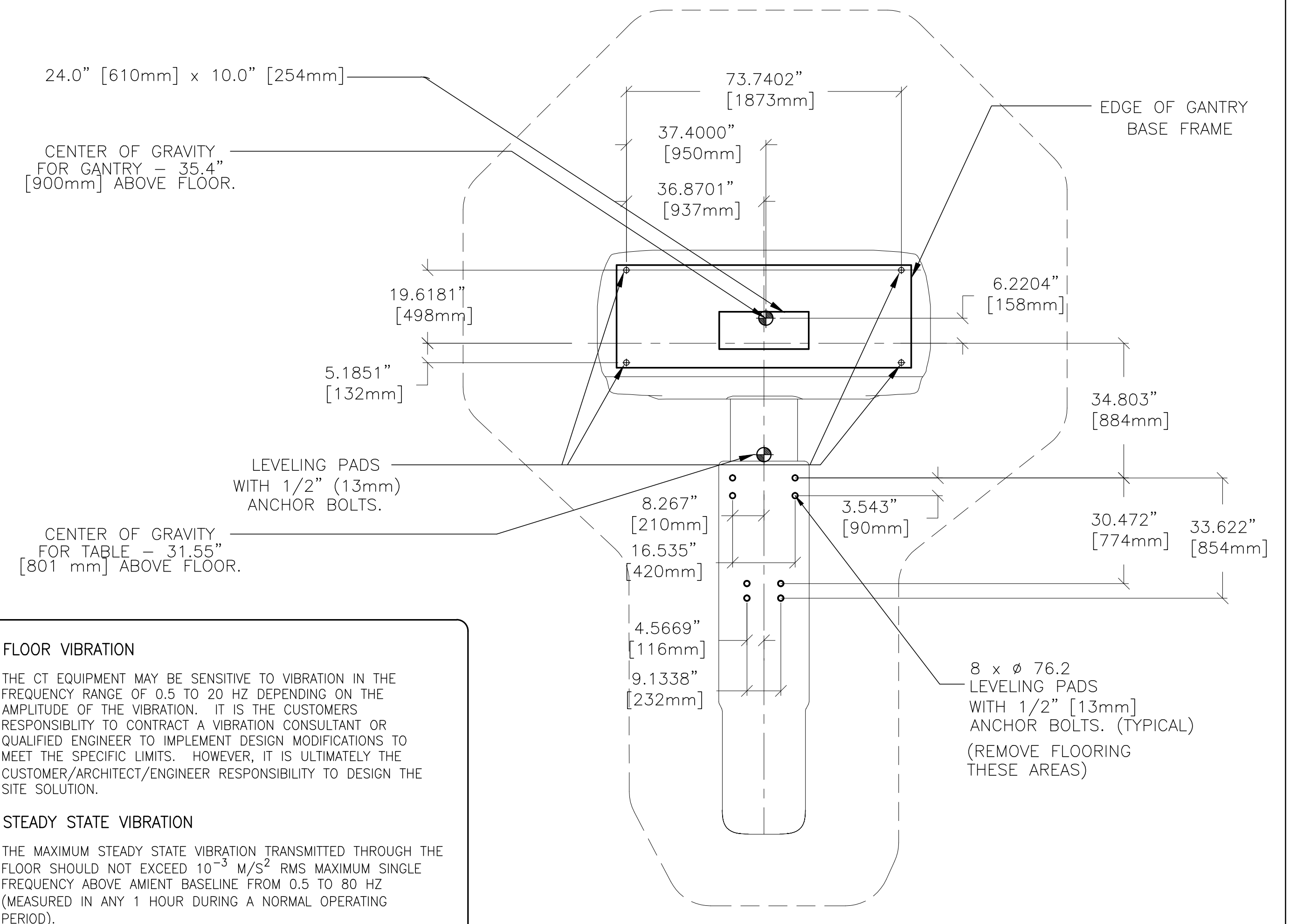
CUSTOMER/CONTRACTOR IS RESPONSIBLE FOR MEASURING FLOOR LEVELNESS/FLATNESS AND PROVIDING THE RESULTS TO A GEHC REPRESENTATIVE (FE OR PM) BEFORE FINISHED FLOORING IS INSTALLED. SEE S1 PAGE AND SPECIFICATIONS FROM PREINSTALLATION MANUAL FOR MORE INFORMATION. FLOOR REQUIREMENTS ARE CRITICAL TO INSTALLATION/OPERATION OF SYSTEM!  
DETAIL NOT TO SCALE

**FLOOR MOUNTING DETAIL: VENTRI/DISCOVERY NM530C FLOOR CONTACT AREA** B4305  
 REV. DATE: 28.MAR.12



DETAIL NOT TO SCALE

**CT GANTRY AND TABLE ANCHOR/LEVELING** B78-64  
 REV. DATE: 11/12/10

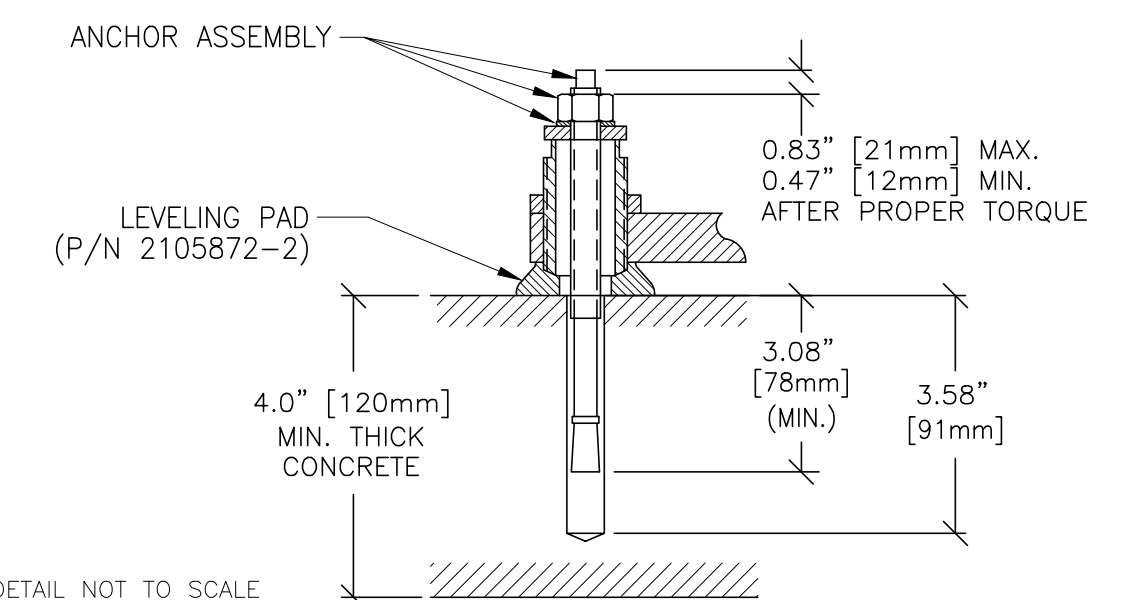


**FLOOR VIBRATION**  
 THE CT EQUIPMENT MAY BE SENSITIVE TO VIBRATION IN THE FREQUENCY RANGE OF 0.5 TO 20 HZ DEPENDING ON THE AMPLITUDE OF THE VIBRATION. IT IS THE CUSTOMERS RESPONSIBILITY TO CONTRACT A VIBRATION CONSULTANT OR QUALIFIED ENGINEER TO IMPLEMENT DESIGN MODIFICATIONS TO MEET THE SPECIFIC LIMITS. HOWEVER, IT IS ULTIMATELY THE CUSTOMER/ARCHITECT/ENGINEER RESPONSIBILITY TO DESIGN THE SITE SOLUTION.

**STEADY STATE VIBRATION**  
 THE MAXIMUM STEADY STATE VIBRATION TRANSMITTED THROUGH THE FLOOR SHOULD NOT EXCEED  $10^{-3}$  M/S<sup>2</sup> RMS MAXIMUM SINGLE FREQUENCY ABOVE AMBIENT BASELINE FROM 0.5 TO 80 HZ (MEASURED IN ANY 1 HOUR DURING A NORMAL OPERATING PERIOD).

**TRANSIENT VIBRATION**  
 THE BEHAVIORAL CHARACTERISTICS MUST BE SUCH THAT ANY MEASUREABLE TRANSIENT DISTURBANCE MUST ALSO BE MINIMIZED TO LESS THAN 0.01 M/S<sup>2</sup> PEAK-TO-PEAK.

**EQUIPMENT LOCATION**  
 TO MINIMIZE THE INTERFERENCE, THE SYSTEM SHOULD BE PLACED ON A SOLID FLOOR, LOCATED AS FAR AS POSSIBLE FROM THE VIBRATION SOURCES, SUCH AS PARKING LOTS, ROADWAYS, SUBWAYS, TRAINS, HALLWAYS, ELEVATORS, AND HOSPITAL PHYSICAL PLANTS. PLEASE NOTE THAT OTHER ITEMS NOT LISTED COULD ALSO BE POTENTIAL SOURCES OF VIBRATION.



DETAIL NOT TO SCALE

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

**GE Healthcare**  
 Healthcare Project Implementation - Design Center  
 Milwaukee, Wisconsin

SHEET TITLE: STRUCTURAL DETAILS  
 MODALITY TYPE: DISCOVERY NM/CT 570c  
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 CODES AND REGULATIONS. GE HEALTHCARE SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE:  
**TYPICAL FINAL  
 INSTALLATION DRAWING**

PROJECT	REVISION
7-72f	00

DATE: 27.Sep.12  
 DRAWN BY: JLT  
 CHECKED BY: CPC

REVISION HISTORY:


SHEET  
**S2**

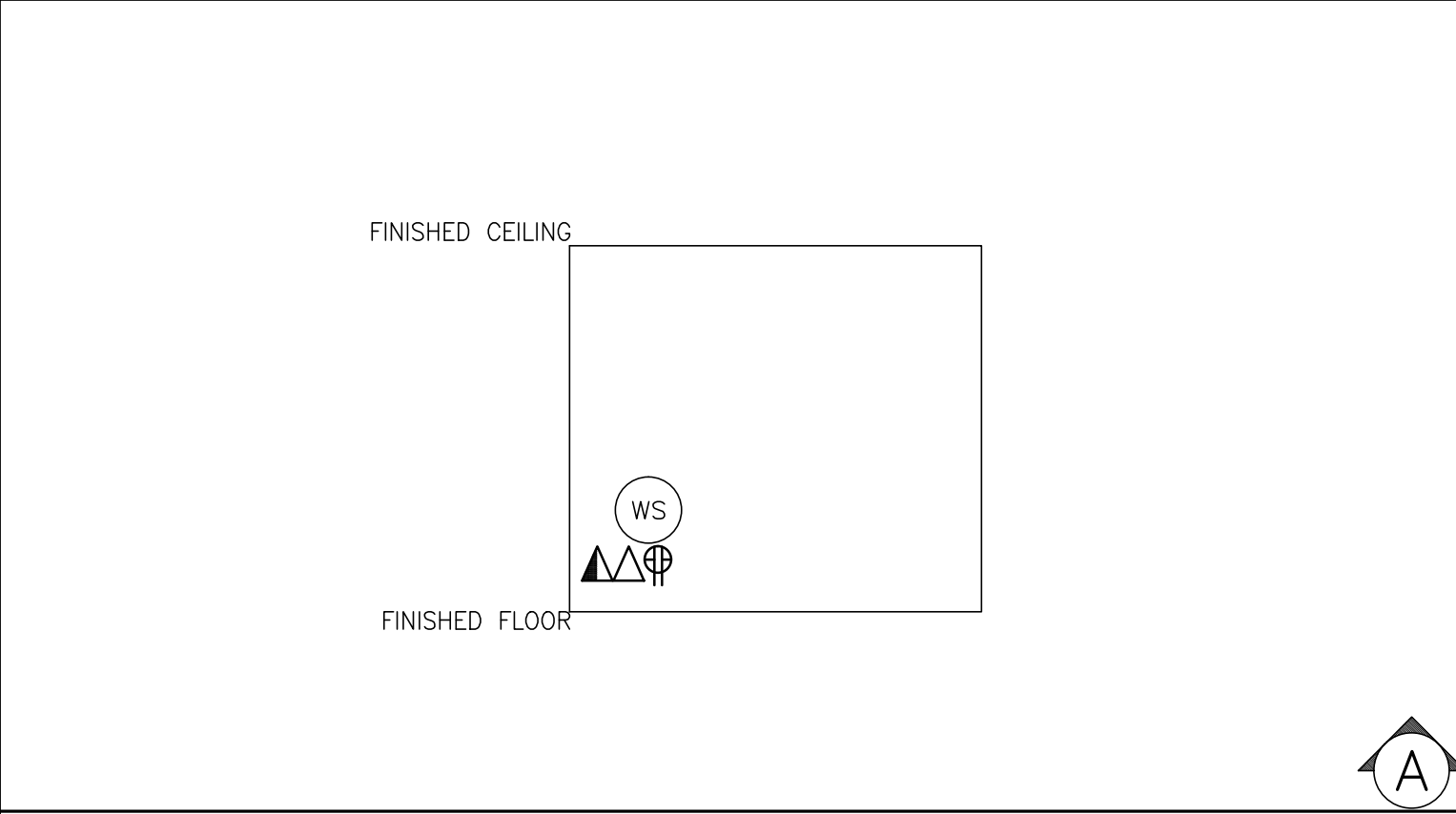
PIM R2

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

ELECTRICAL PLAN

RECOMMENDED CEILING HEIGHT = 8'-0"

JUNCTION POINT DESCRIPTIONS



**FEEDER TABLE - Discovery NM/CT 570c**

○ CALCULATIONS BASED UPON NOMINAL VOLTAGE, WIRE SIZE IN AWG.  
 ○ RECOMMENDED FEEDER SIZES FROM DISTRIBUTION TRANS. TO POWER DISTRIBUTION UNIT.  
 ○ THE GROUNDING CONDUCTOR ( ) WILL BE A 1/0 MINIMUM. THIS GROUND WILL RUN FROM THE EQUIPMENT BACK TO THE POWER SOURCE MAIN GROUNDING POINT AND ALWAYS TRAVEL IN THE SAME CONDUIT WITH THE FEEDERS AND NEUTRAL.  
 ○ NEUTRAL MUST BE TERMINATED PRIOR TO OR INSIDE THE MAIN DISCONNECT PANEL AND NOT BROUGHT INTO THE POWER DISTRIBUTION UNIT.  
 ○ 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	378-462 420	396-484 440	414-506 460	432-528 480
50	1/0 (1/0)	1/0 (1/0)	1/0 (1/0)	1 (1/0)	1 (1/0)	1 (1/0)
100	1/0 (1/0)	1/0 (1/0)	1/0 (1/0)	1 (1/0)	1 (1/0)	1 (1/0)
150	1/0 (1/0)	1/0 (1/0)	1/0 (1/0)	1 (1/0)	1 (1/0)	1 (1/0)
200	1/0 (1/0)	1/0 (1/0)	1/0 (1/0)	1 (1/0)	1 (1/0)	1 (1/0)
250	2/0 (1/0)	2/0 (1/0)	1/0 (1/0)	1/0 (1/0)	1 (1/0)	1 (1/0)
300	3/0 (1/0)	3/0 (1/0)	2/0 (1/0)	2/0 (1/0)	1/0 (1/0)	1/0 (1/0)
350	4/0 (1/0)	3/0 (1/0)	3/0 (1/0)	2/0 (1/0)	2/0 (1/0)	1/0 (1/0)
400	250M (1/0)	4/0 (1/0)	3/0 (1/0)	3/0 (1/0)	3/0 (1/0)	2/0 (1/0)

REV. DATE: 07/22/09

**ELECTRICAL OUTLET LEGEND**

CUSTOMER/CONTRACTOR SUPPLIED AND INSTALLED ITEMS. HEIGHT ABOVE FLOOR DETERMINED BY LOCAL CODES UNLESS OTHERWISE SPECIFIED.

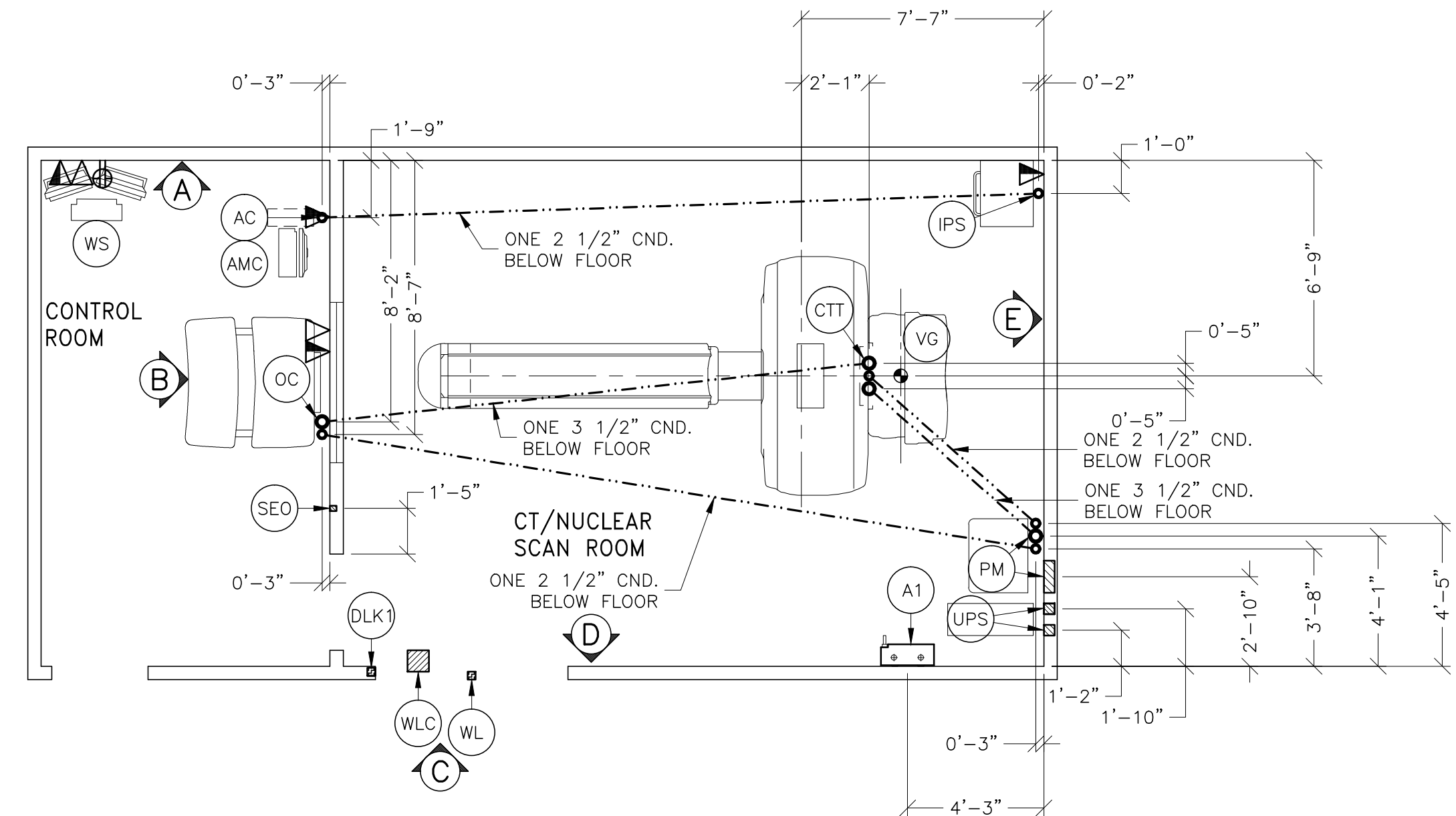
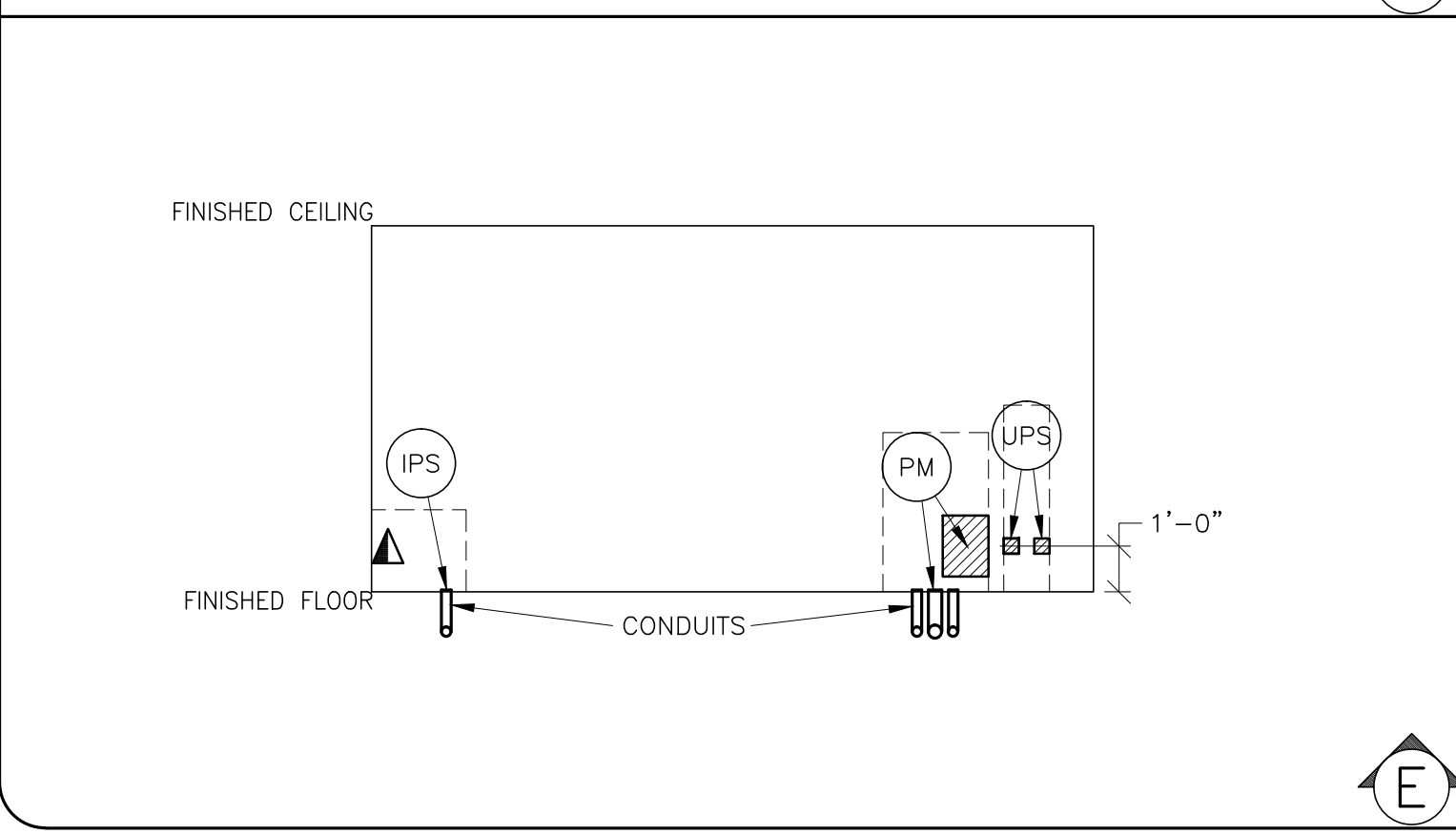
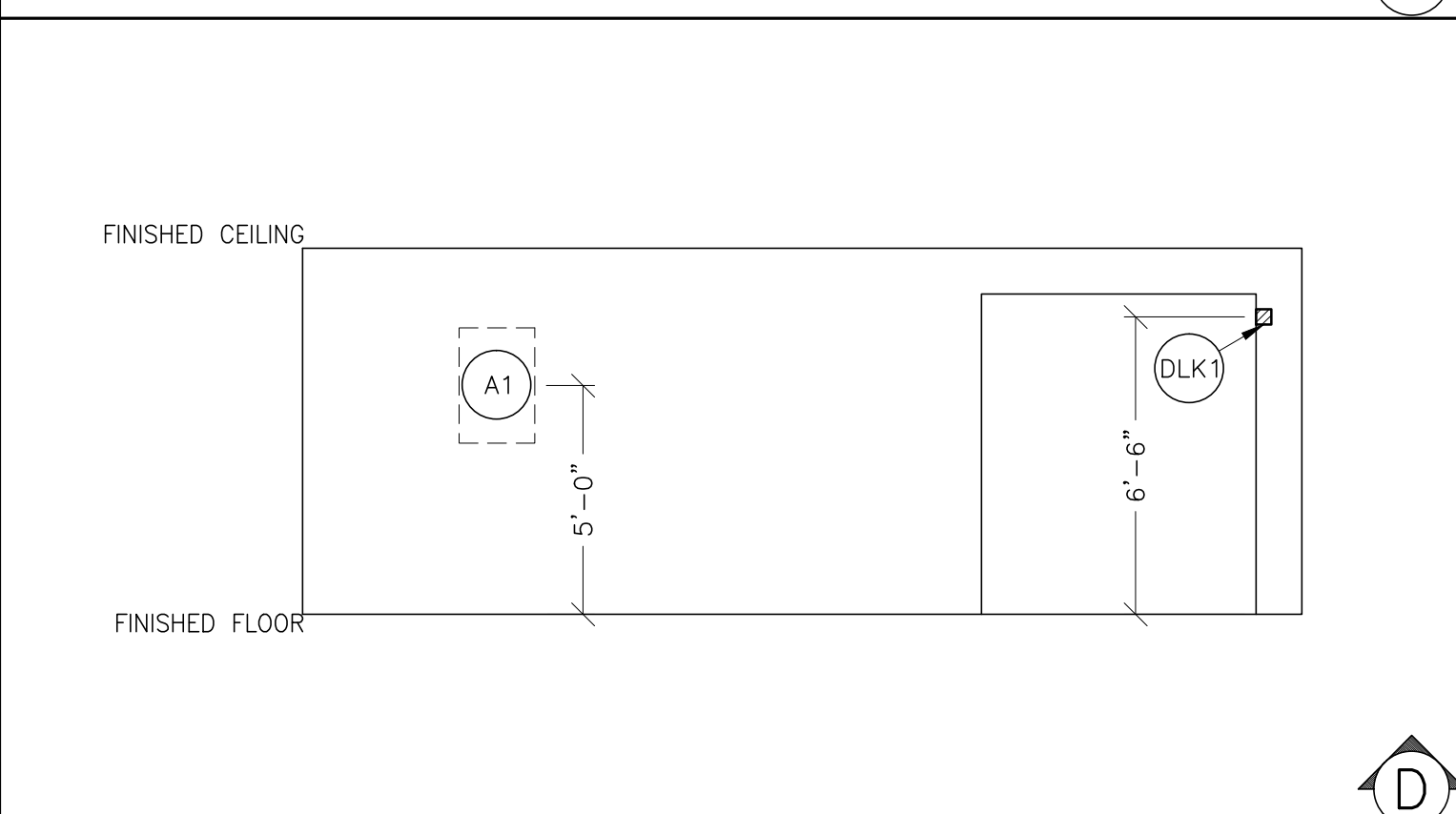
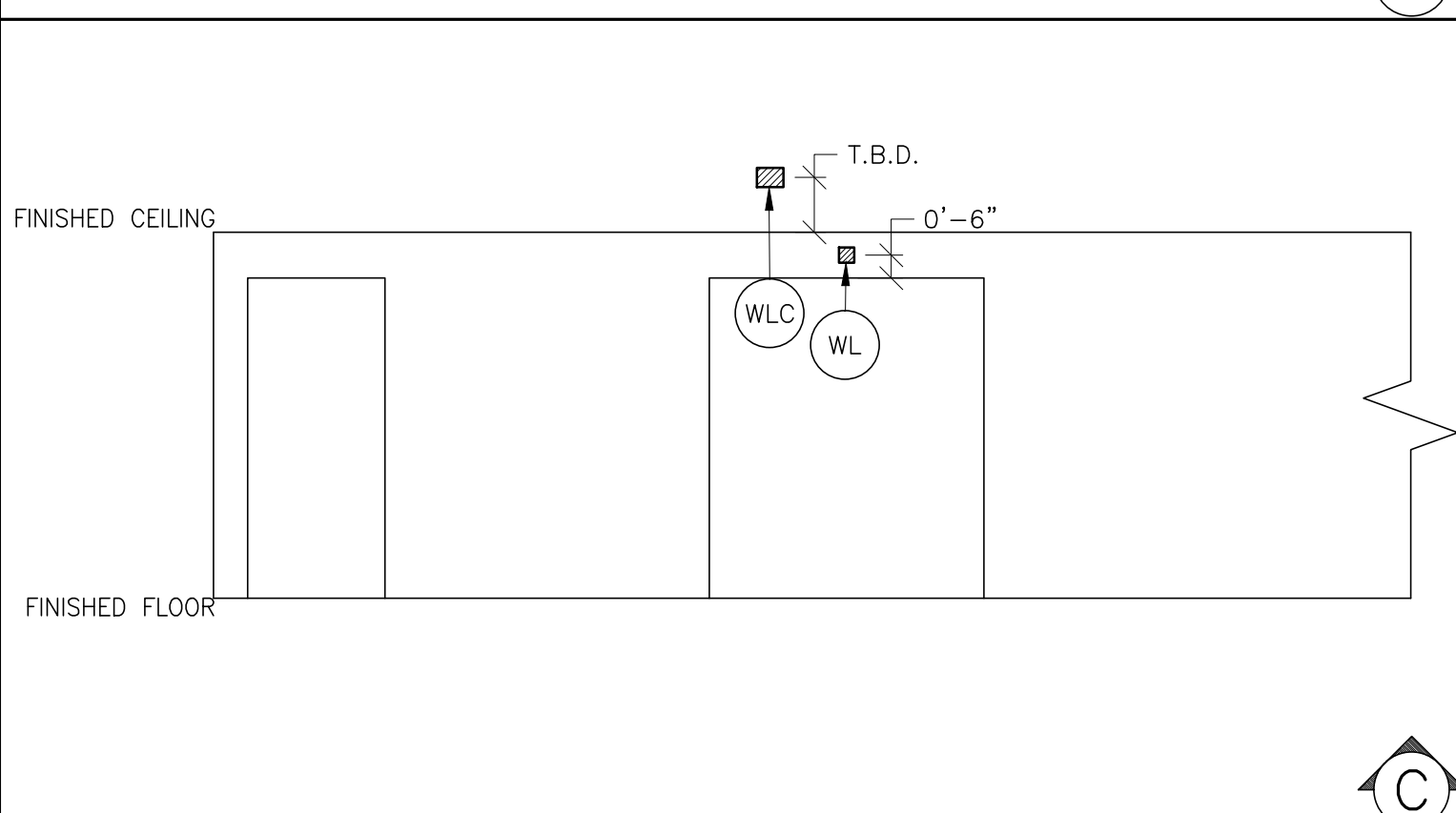
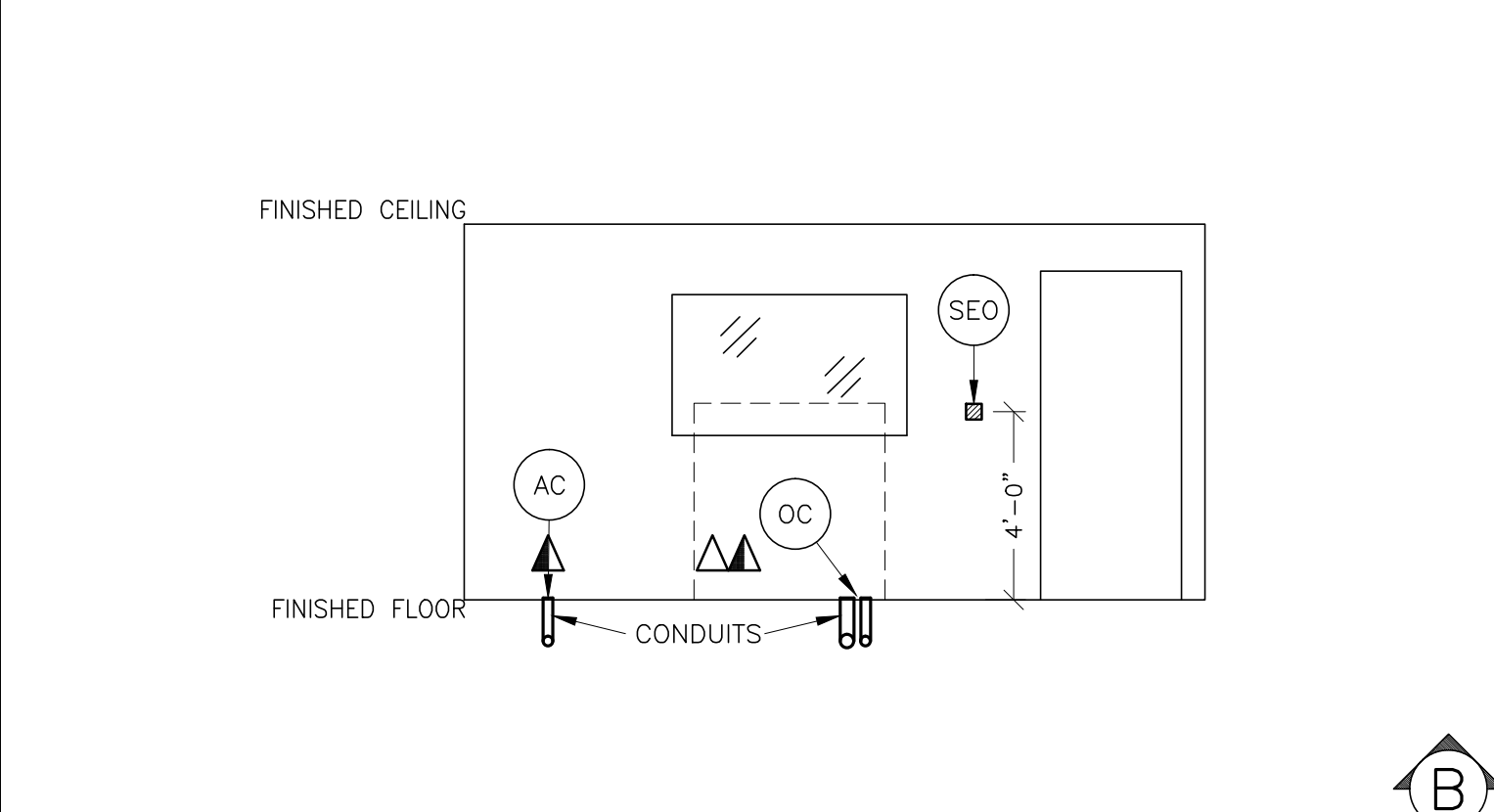
- Ⓜ DUPLEX HOSPITAL GRADE, DEDICATED OUTLET 120-V, SINGLE PHASE OUTLET 20 AMP
- Ⓣ DEDICATED TELEPHONE LINE(S) (SEE ELECTRICAL DETAIL ELEC-1)
- Ⓝ NETWORK OUTLET (SEE ELECTRICAL DETAILS ELEC-83 AND ELEC-84)

**DUCT HATCHING LEGEND**

- ▨ ABOVE CEILING DUCT
- ▩ UNDER FLOOR DUCT
- ▧ TRENCH DUCT (FLUSH FLOOR)
- ▦ SURFACE FLOOR DUCT
- ▤ CABLE TRAY
- ABOVE CEILING CONDUIT
- - - - - BELOW FLOOR CONDUIT

- 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:
    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.
  - 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.

PLEASE SEE BELOW FOR ADDITIONAL REQUIRED CONDUIT RUNS AND SIZES.



POINT	DESCRIPTION	QTY.	HARDWARE	DETAIL NO., SHT. E3
A1	MAIN DISCONNECT AVAILABLE FROM GEHC. CALL 800-558-5102 OR LOCAL GE INSTALLATION PROJECT MANAGER	1	125 AMP FUSED DISCONNECT AND MAGNETIC CONTACTOR, GEHS CAT. NO. E4502AE, SED, PUSHBUTTON AND COVER INCLUDED.	ELEC-135
AC	ACQUISITION COMPUTER	1	2 1/2 IN. DIA. BUSHING & LOCKNUT	ELEC-9
AMC	ACQUISITION CONSOLE	1	EXTERNALLY CONNECTED	
CTT	CT GANTRY	2	3 1/2 IN. DIA. BUSHING & LOCKNUT 1 1/2 IN. DIA. BUSHING & LOCKNUT	ELEC-9
DLK1	DOOR SWITCH (NEEDED ONLY IF REQUIRED BY STATE/LOCAL CODES)	1	ROOM DOOR INTERLOCK LIMIT SWITCH IN FRAME - NORMALLY OPEN (<24V)	
IPS	INTEGRATED POWER SUPPLY	1	EXTERNALLY CONNECTED	
OC	OPERATORS CONSOLE	1	3 1/2 IN. DIA. BUSHING & LOCKNUT 1 1/2 IN. DIA. BUSHING & LOCKNUT	ELEC-9
PM	POWER DISTRIBUTION UNIT	1	SPLIT COVERPLATE 1 1/2 IN. DIA. BUSHING & LOCKNUT 1 1/2 IN. DIA. BUSHING & LOCKNUT 1 1/2 IN. 90 DEGREE CONNECTOR 16 FT. LENGTH OF 2 IN. FLEXIBLE METAL CONDUIT SUITABLE CONNECTORS 12 X 16 X 4 IN. BDX 16 FT. LENGTH OF 1/2 IN. FLEXIBLE METAL CONDUIT	ELEC-9 ELEC-22
SEO	EMERGENCY OFF	1	SINGLE GANG 2 1/2 IN. DEEP FLUSH MOUNTED JUNCTION BOX	ELEC-16
UPS	UPS CABINET	1	COVERPLATE 1/2 IN. DIA. CHASE NIPPLE 1/4 X 4 X 4 IN. BDX 2 IN. DIA. BUSHING & LOCKNUT 1/2 IN. DIA. CHASE NIPPLE 1/2 IN. DIA. BUSHING & LOCKNUT IF OPTIONAL 2 IN. CND IS USED, ADD THE FOLLOWING: 1 1/2 X 4 X 4 IN. BDX 1 COVERPLATE	ELEC-8
VG	NUCLEAR GANTRY	1	EXTERNALLY CONNECTED	
WL	WARNING LIGHT	1	'X-RAY ON' INCANDESCENT LIGHT FIXTURE. DO NOT USE FLUORESCENT FIXTURES. GE CAT. NO. WX1ABW-DF-X1U	
WLC	WARNING LIGHT CONTROLLER AVAILABLE FROM GEHC. CALL 800-558-5102 OR LOCAL GE INSTALLATION PROJECT MANAGER	1	E4509RL WARNING LIGHT CONTROL OR EQUIVALENT, MAX 24V CONTROLLER	ELEC-72
WS	WORKSTATION	1	EXTERNALLY CONNECTED	

**ADDITIONAL CONDUIT RUNS FOR DISCOVERY NM/CT 570c (By CONTRACTOR)**

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

REV DATE: 02/Mar/2012

WL	TO	WLC	ONE 1/2" CND.
WLC	TO	PM	ONE 1/2" CND.
PM	TO	A1	ONE CND. AS REQ'D
A1	TO	SEO	ONE 1/2" CND.
A1	TO	FEEDER	ONE CND. AS REQ'D
WLC	TO	120-V 1φ POWER	CND. AS REQ'D
DLK1	TO	PM	ONE 1/2" CND.

NOTE: SEE E2 PAGE FOR MAXIMUM RUN LENGTHS

CONDUITS REQUIRED FOR UPS (CONDUITS ARE LOCATED ABOVE CEILING)

REV DATE: 11/24/08

UPS	TO	A1	ONE 3/4" CND.
UPS	TO	PM	ONE 2" CND. (OPTIONAL) RUN DIRECT AS POSSIBLE. 12" MAX CABLE LENGTH.

**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
A1 > SEO	1-ND. 14 BLACK, 1-ND. 14 WHITE, 1-ND. 14 GREEN
WLC > 1 PHASE	1-ND. 14 BLACK, 1-ND. 14 WHITE, 1-ND. 14 GREEN
480-V > A1	3-BLACK, 1-WHITE, 1-GREEN - REFER TO FEEDER TABLE
A1 > PM	3-BLACK, 1-GREEN - REFER TO FEEDER TABLE
WL > WLC	2-ND. 14 BLACK, 1-ND. 14 RED, 1-ND. 14 WHITE
PM > WLC	2-ND. 14 BLACK, 2-ND. 14 WHITE, 1-ND. 14 GREEN
PM > DLK1	1-ND. 14 BLACK, 1-ND. 14 WHITE, 1-ND. 14 GREEN

**GE Healthcare**  
 Healthcare Project Implementation - Design Center  
 Milwaukee, WI

SHEET TITLE: ELECTRICAL LAYOUT  
 MODALITY TYPE: DISCOVERY NM/CT 570c

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

PROJECT TITLE: TYPICAL FINAL INSTALLATION DRAWING

PROJECT	REVISION
7-72f	00

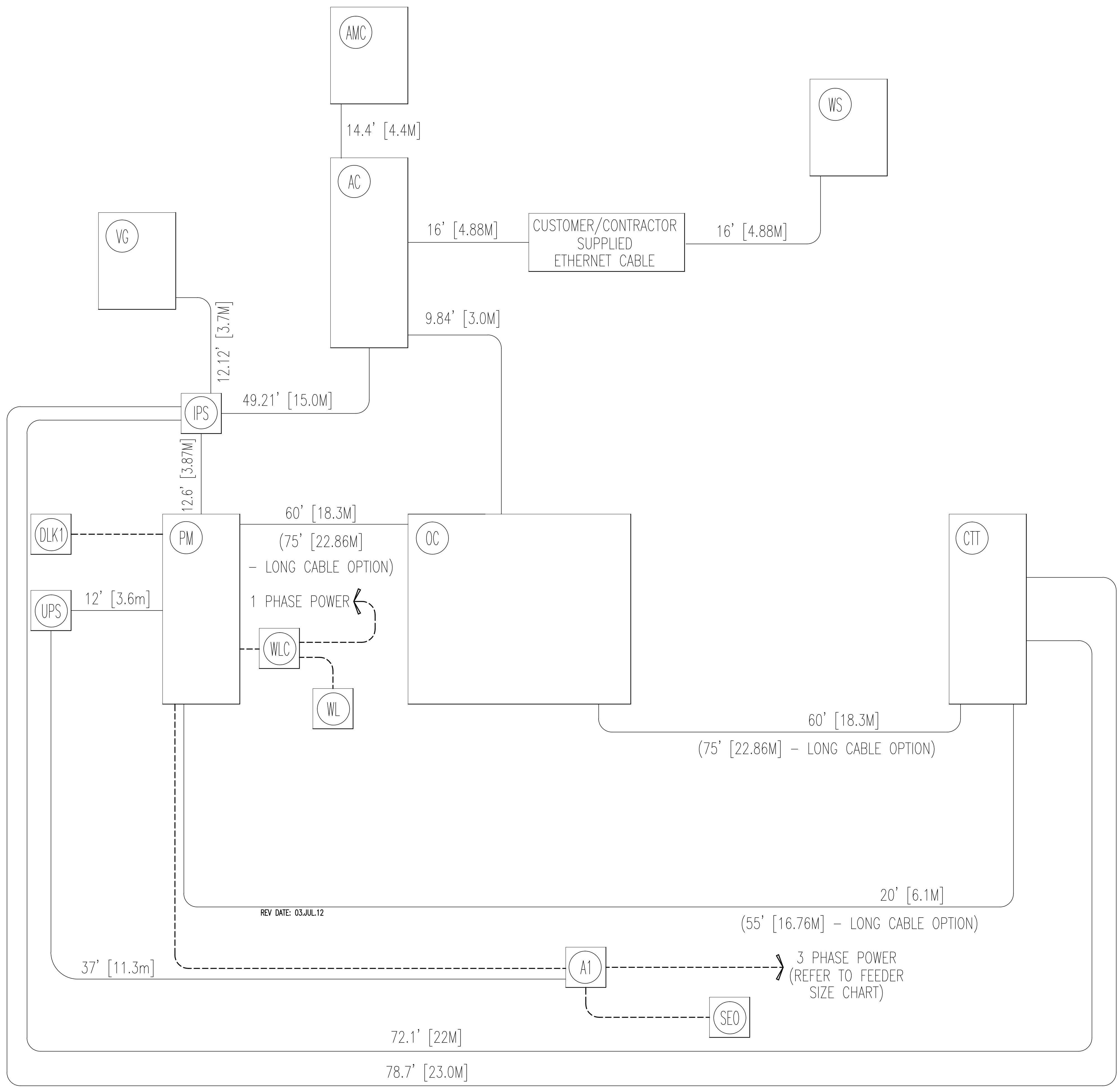
DATE: 27.Sep.12  
 DRAWN BY: JLT  
 CHECKED BY: CPC

REVISION HISTORY:


SHEET  
**E1**

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

INTERCONNECT DIAGRAM



POWER SPECIFICATIONS

Discovery NM/CT 570c  
(REV. DATE 07/22/09)

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

TABLE A ALLOWABLE INPUT VOLTAGES/CURRENT DEMAND

NOMINAL VOLTAGE	ABSOLUTE RANGE	CURRENT (AMPS)		MINIMUM STANDARD OVERCURRENT PROTECTION
		MAXIMUM	CONTINUOUS	
380	342-418	253	38	150-A
400	360-440	241	36	150-A
420	378-462	229	34	150-A
440	396-484	219	33	125-A
460	414-506	209	31	125-A
<b>480</b>	<b>432-528</b>	<b>200</b>	<b>30</b>	<b>125-A</b>

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 1 CYCLE AND FREQUENCY OF 10 TIMES PER HOUR.

POWER DEMAND

CONTINUOUS POWER DEMAND = 25 KVA (MAX DEMAND = 150 KVA)

TABLE B MAXIMUM MOMENTARY POWER DEMAND.

DEMAND	CT HiSpeed
kVa *	150
POWER FACTOR AT	0.85

DISTRIBUTION TRANSFORMER

FOR A SINGLE UNIT INSTALLATION, THE MINIMUM TRANSFORMER SIZE IS 225 KVA. GE DOES NOT RECOMMEND USING A REGULATION DEVICE.

NOTE: THE CT SYSTEM MUST NOT BE POWERED IN A MULTIPLE INSTALLATION WHERE FILM CHANGERS ARE USED. FILM CHANGERS UTILIZE A LARGE NUMBER OF HIGH POWERED CLOSELY SPACED EXPOSURES WHICH MAY COINCIDE WITH THE CT SCAN.

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]

**GE Healthcare**  
Healthcare Project Implementation - Design Center  
Milwaukee, Wisconsin

SHEET TITLE: ELECTRICAL SPECIFICATIONS  
MODALITY TYPE: DISCOVERY NM/CT 570c

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

TYPICAL FINAL  
INSTALLATION DRAWING

PROJECT	REVISION
7-72f	00
DATE:	27.Sep.12
DRAWN BY:	JLT
CHECKED BY:	CPC

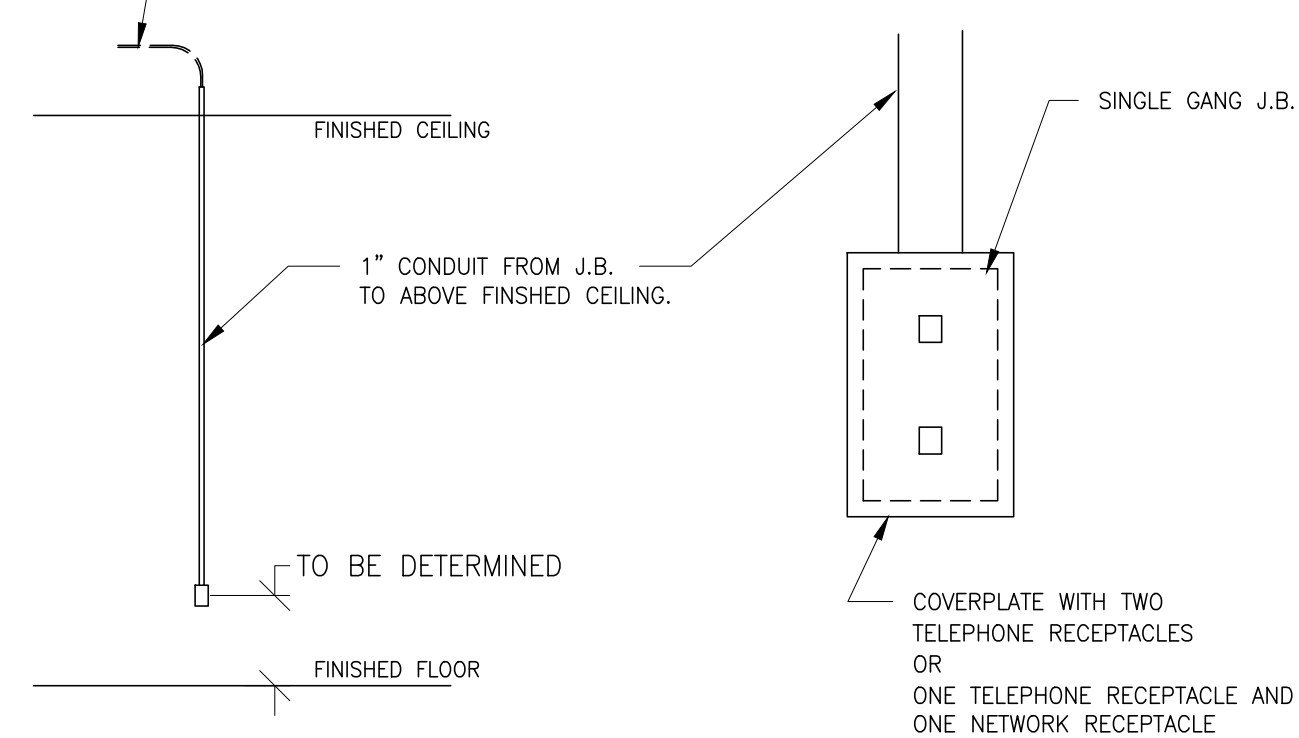
REVISION HISTORY:


SHEET  
**E2**

ELECTRICAL DETAIL  
INSITE CONNECTION (TYPICAL)

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

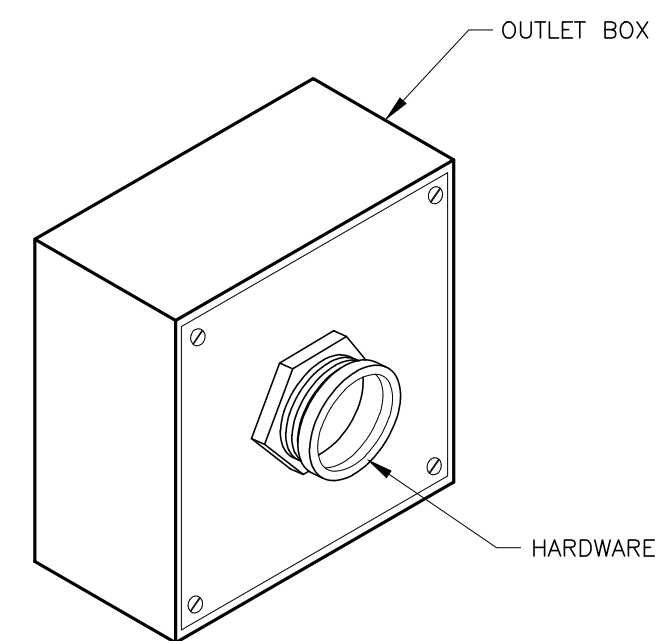
ONE OF THE FOLLOWING TWO SELECTIONS MUST BE INSTALLED AT THE LOCATION SHOWN ON THE ELECTRICAL PLAN (SHEET E1) FOR GE INSITE CONNECTION BASED UPON SYSTEM CONFIGURATION.  
A) ONE INTERNET ACCESSIBLE VIRTUAL PRIVATE NETWORK (VPN) CONNECTION WITH A STATIC IP ADDRESS, AND ONE TELEPHONE LINE - DEDICATED-DIRECT-DIALING, VOICE GRADE.  
OR  
B) TWO TELEPHONE LINES - ONE DEDICATED DIRECT-DISTANCE-DIALING, VOICE GRADE AND ONE A DEDICATED DATA LINE.



ALL ITEMS ILLUSTRATED ARE TO BE FURNISHED AND INSTALLED BY CUSTOMER OR THEIR CONTRACTOR.  
DETAIL NOT TO SCALE

ELECTRICAL DETAIL  
BOX WITH COVERPLATE (TYPICAL)

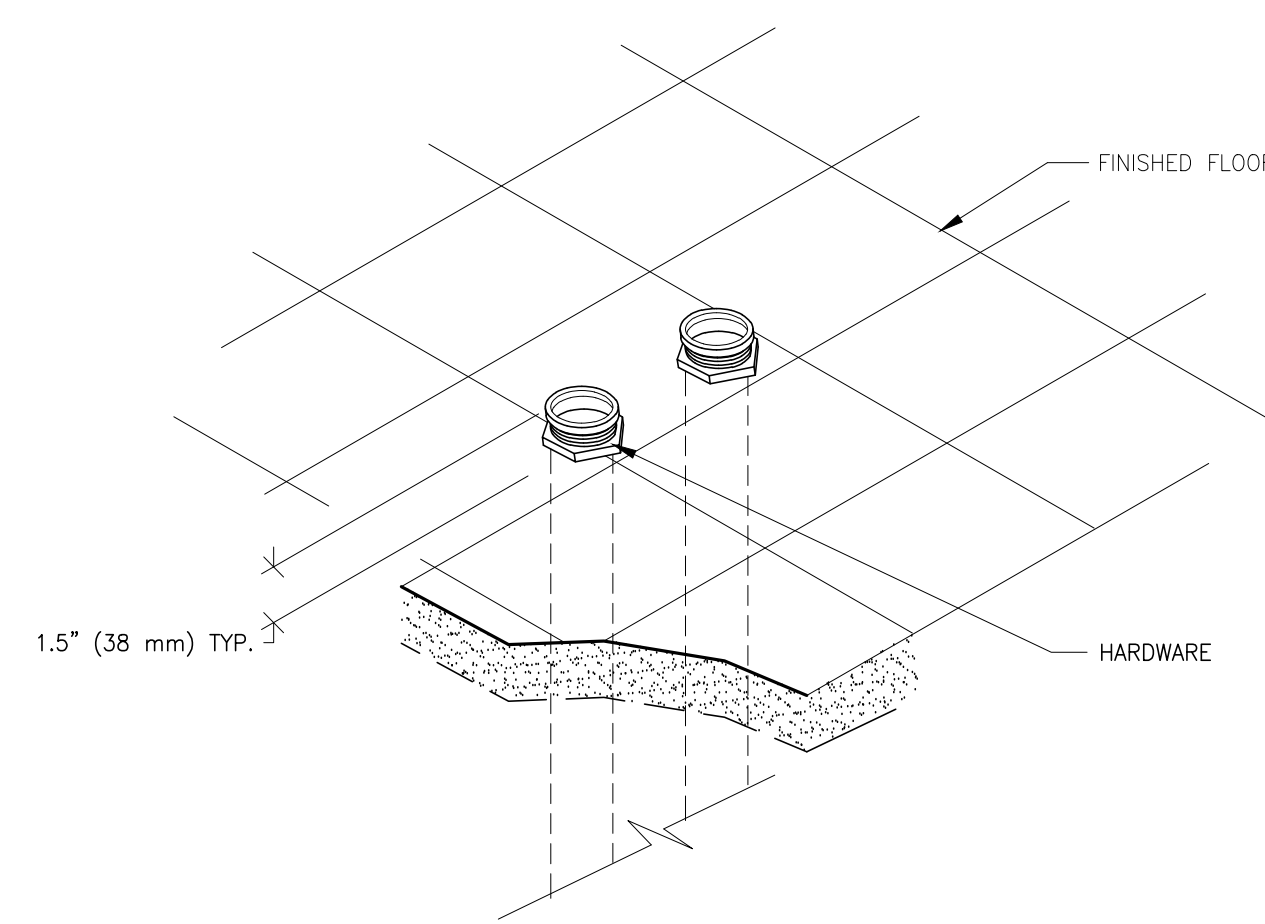
ELEC-8  
REV. DATE: 09/30/94



DETAIL NOT TO SCALE

ELECTRICAL DETAIL  
CONDUITS THRU-FLOOR (TYPICAL)

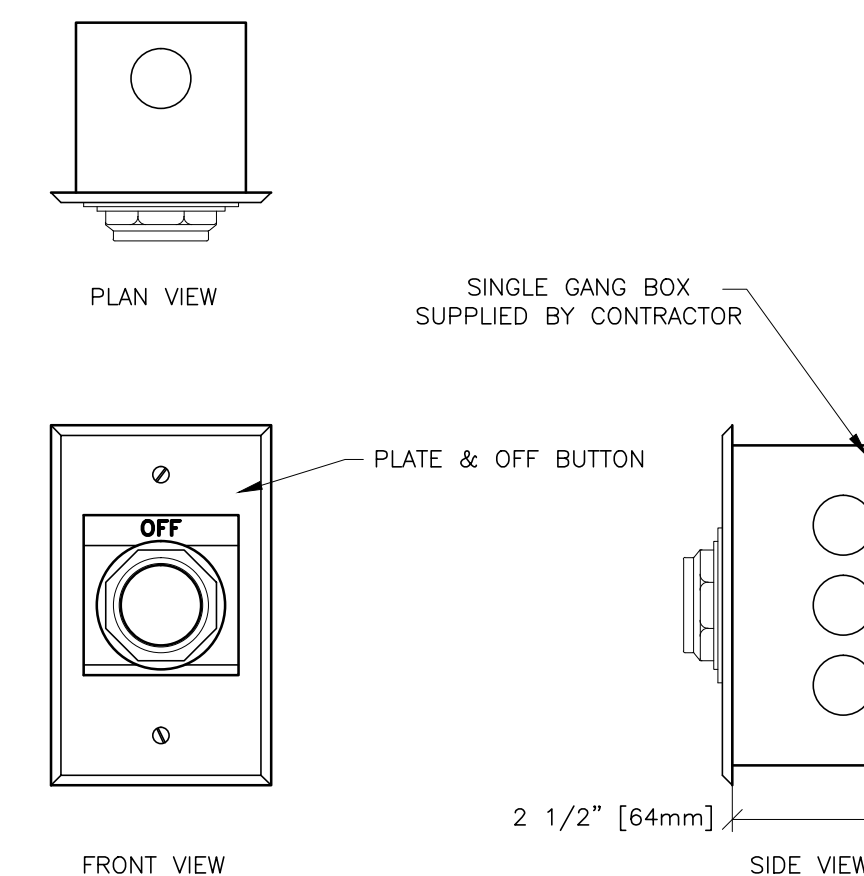
ELEC-9  
REV. DATE: 08/08/94



DETAIL NOT TO SCALE

ELECTRICAL DETAIL  
EMERGENCY OFF BUTTON

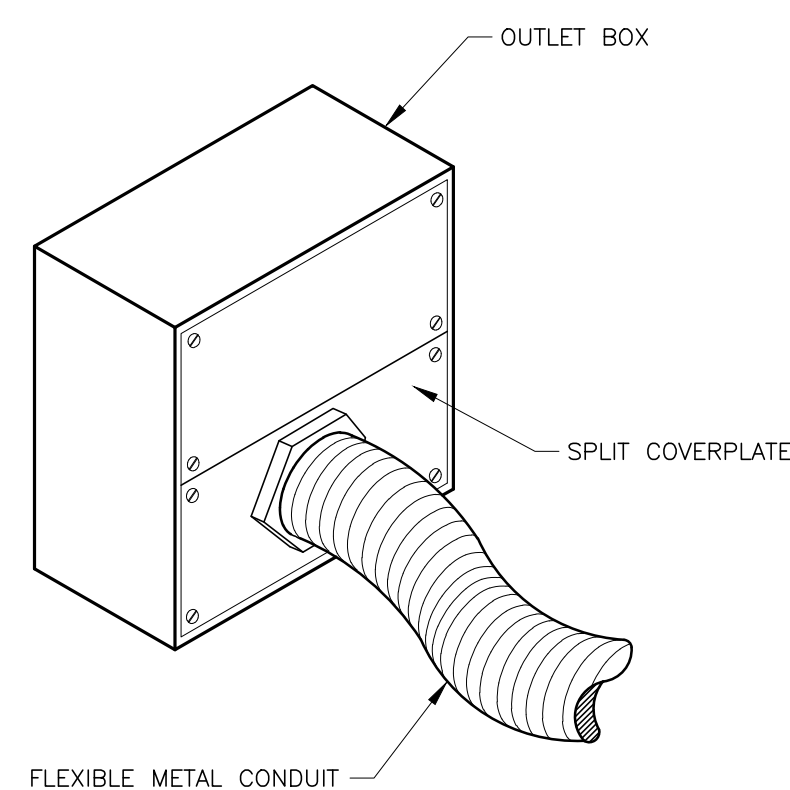
ELEC-16  
REV. DATE: 05/14/09



DETAIL NOT TO SCALE

ELECTRICAL DETAIL  
BOX WITH SPLIT COVERPLATE (TYPICAL)

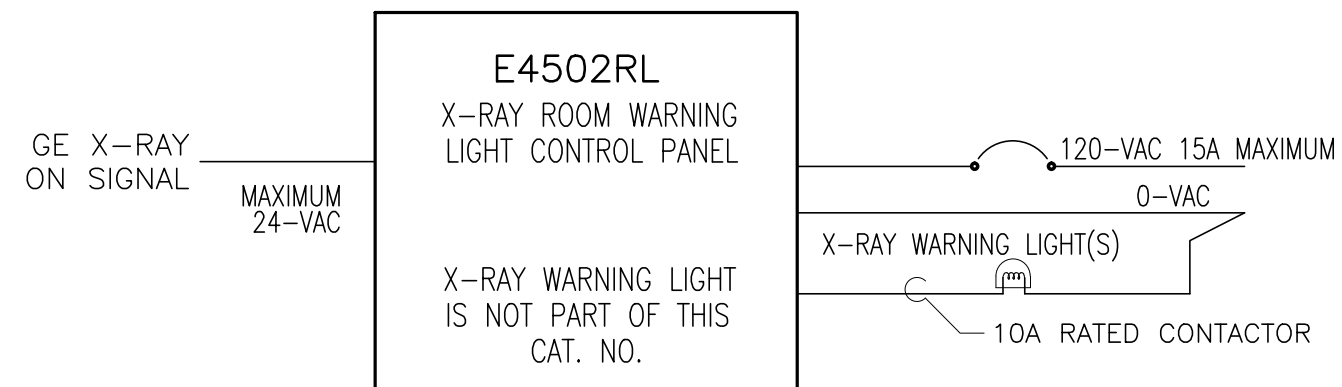
ELEC-22  
REV. DATE: 10/13/94



DETAIL NOT TO SCALE

ELECTRICAL DETAIL  
WARNING LIGHT DIAGRAM

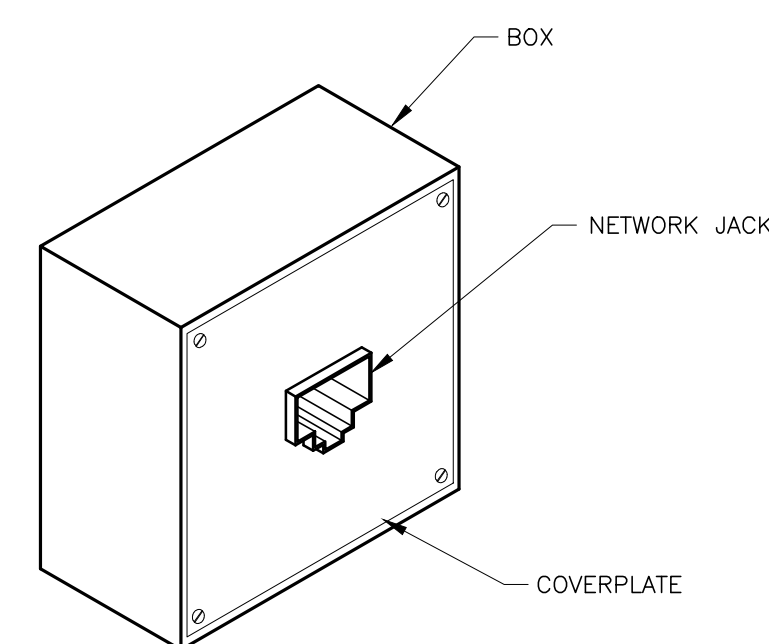
ELEC-72  
REV. DATE: 05/14/09



UNLESS SPECIFIED ON SHEET A1 AS BEING INCLUDED ON EQUIPMENT ORDER, ALL ITEMS ILLUSTRATED ARE TO BE FURNISHED AND INSTALLED BY CUSTOMER'S CONTRACTOR  
DRAWING NOT TO SCALE

ELECTRICAL DETAIL  
BOX WITH COVERPLATE AND NETWORK JACK

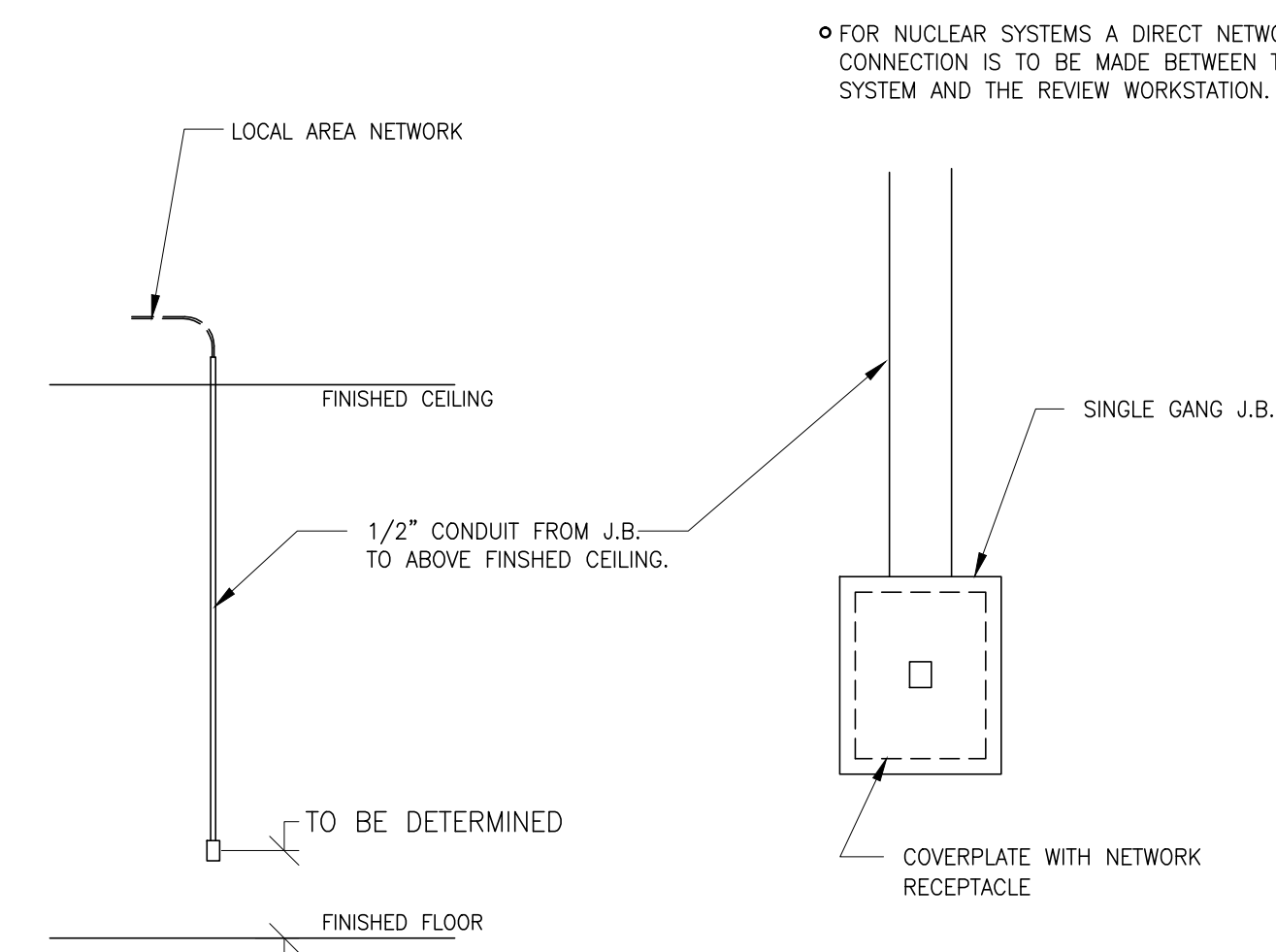
ELEC-83  
REV. DATE: 10/06/98



DETAIL NOT TO SCALE

ELECTRICAL DETAIL  
NETWORK CONNECTION (TYPICAL)

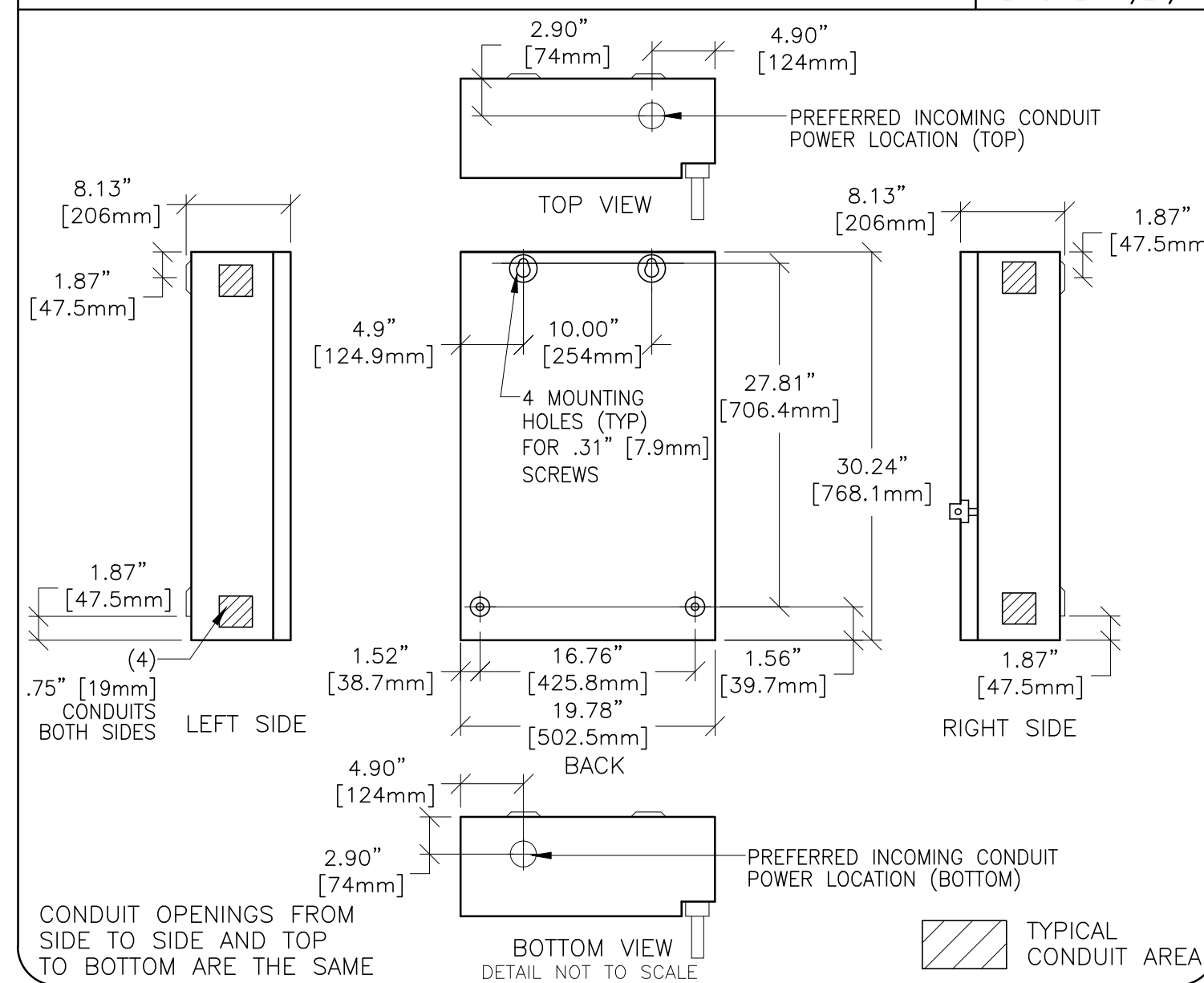
ELEC-84  
REV. DATE: 03/06/04



DETAIL NOT TO SCALE

ELECTRICAL DETAIL  
MAIN DISCONNECT PANEL

ELEC-135  
REV. DATE: 09/27/04



DETAIL NOT TO SCALE

**GE Healthcare**  
Healthcare Project Implementation - Design Center  
Manufacturing

SHEET TITLE: ELECTRICAL DETAILS  
MODALITY TYPE: DISCOVERY NM/CT 570c

THIS PLAN IS SUBMITTED TO SUPPORT LOCATION OF 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 CODES AND STANDARDS. GE HEALTHCARE SHALL NOT BE HELD RESPONSIBLE FOR ANY DAMAGES RESULTING THEREFROM.

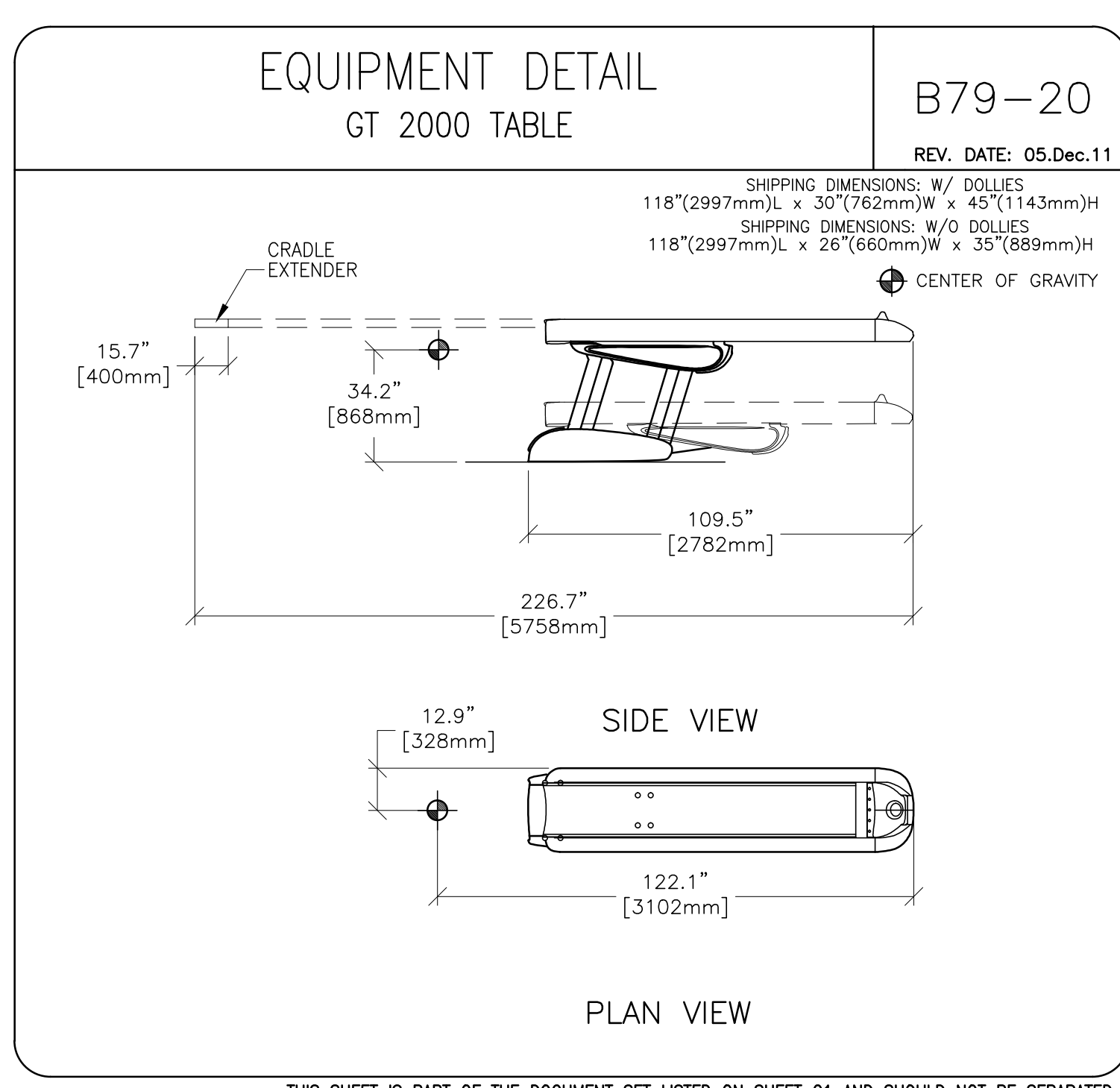
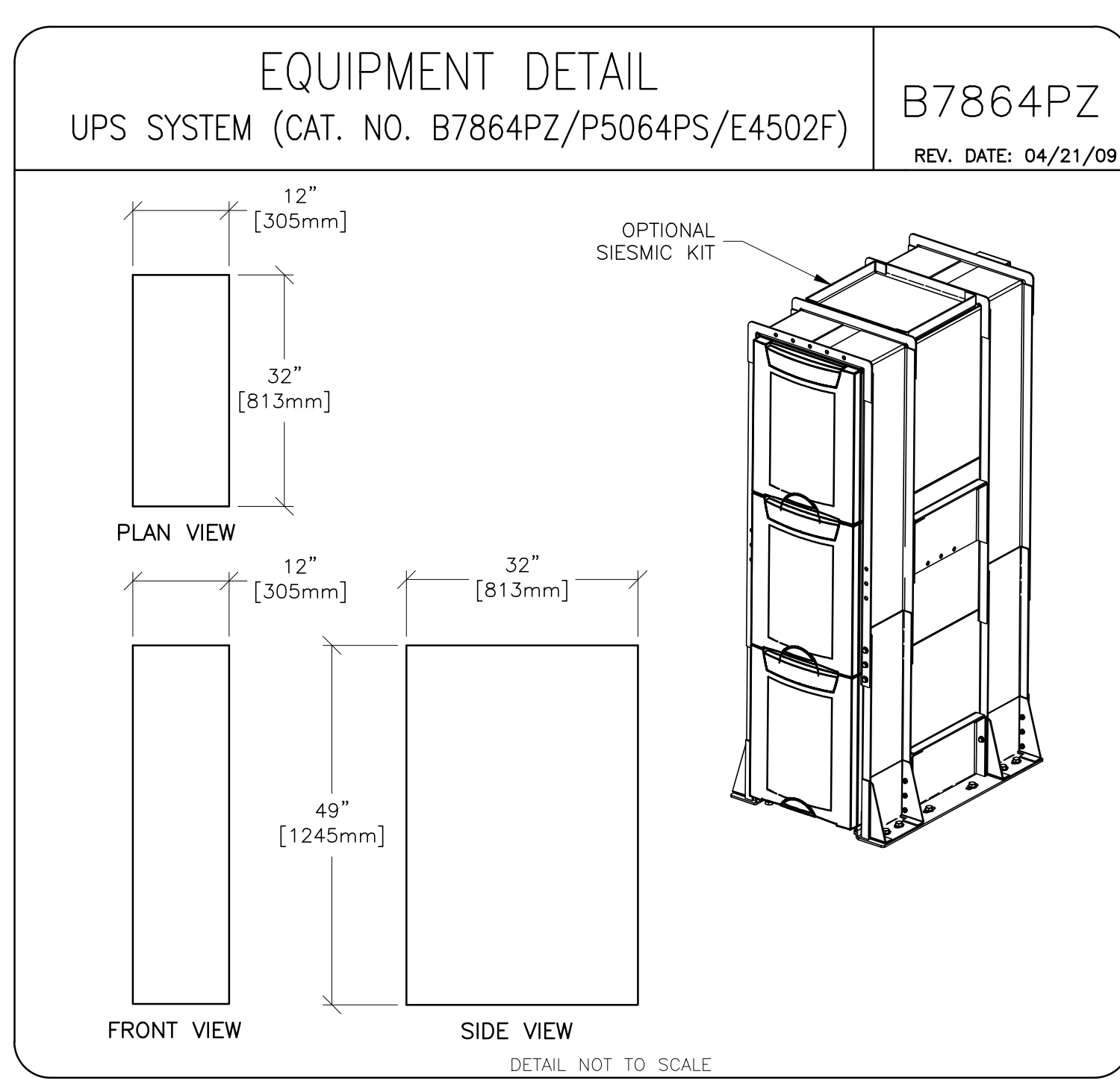
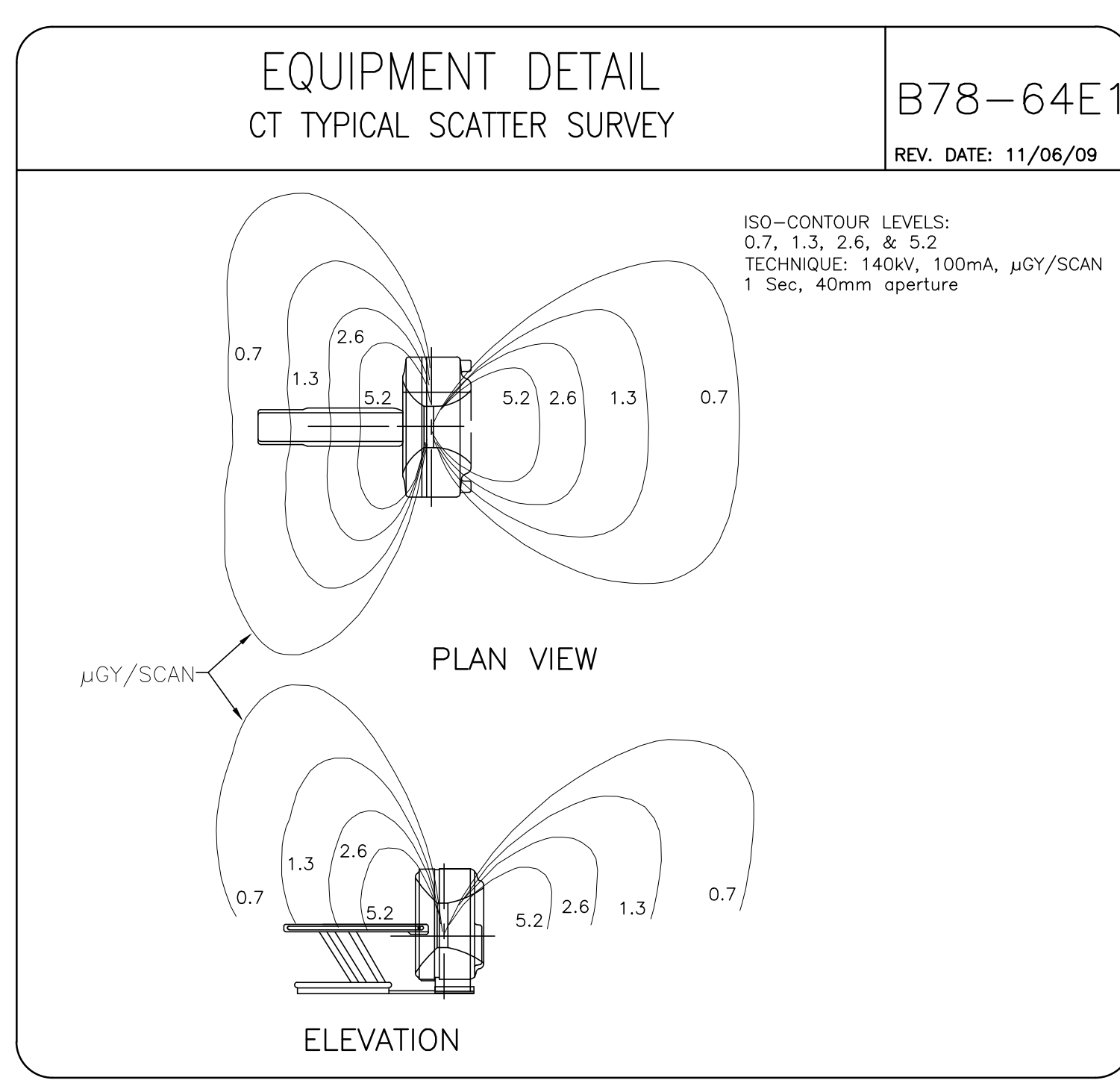
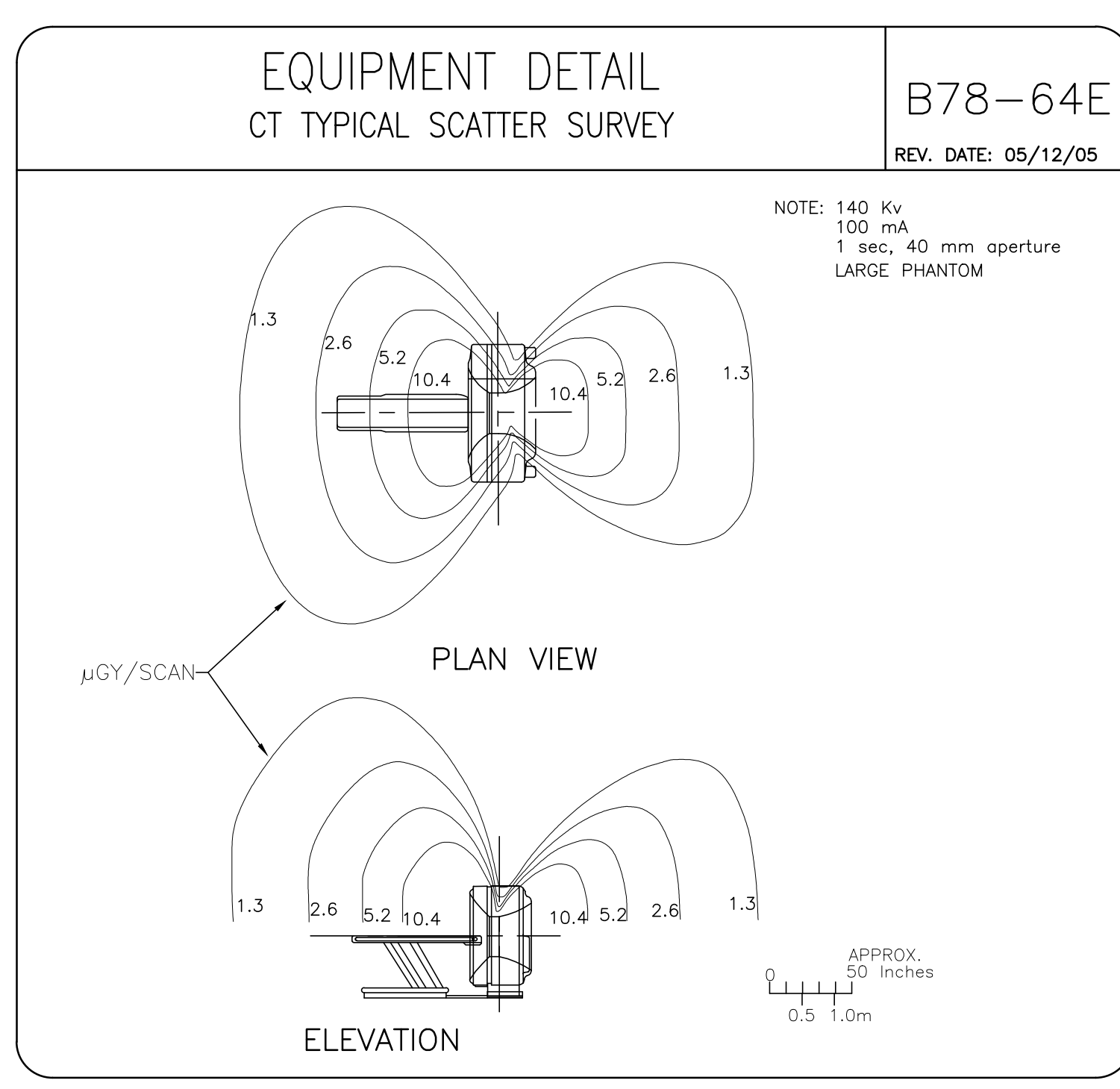
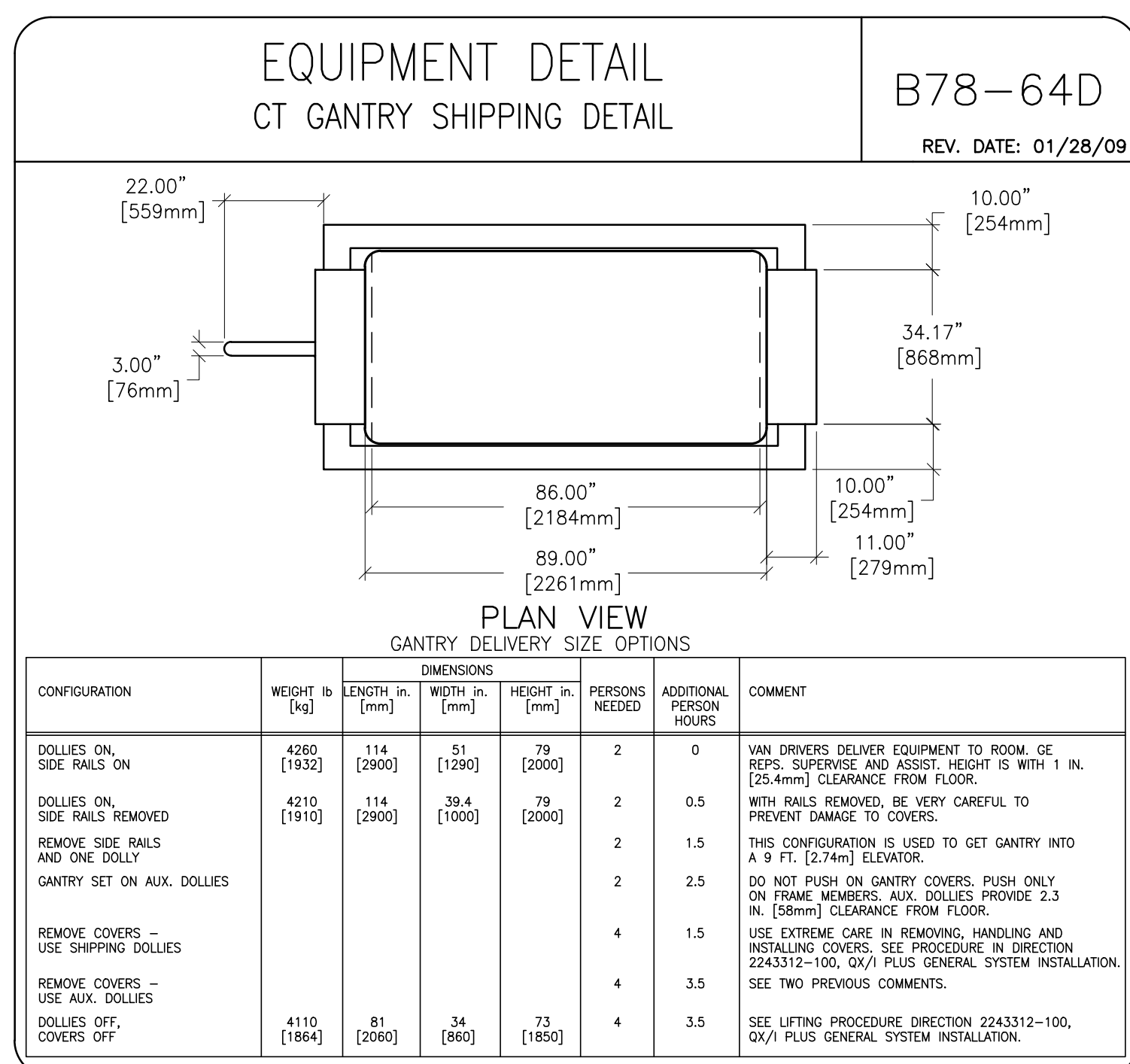
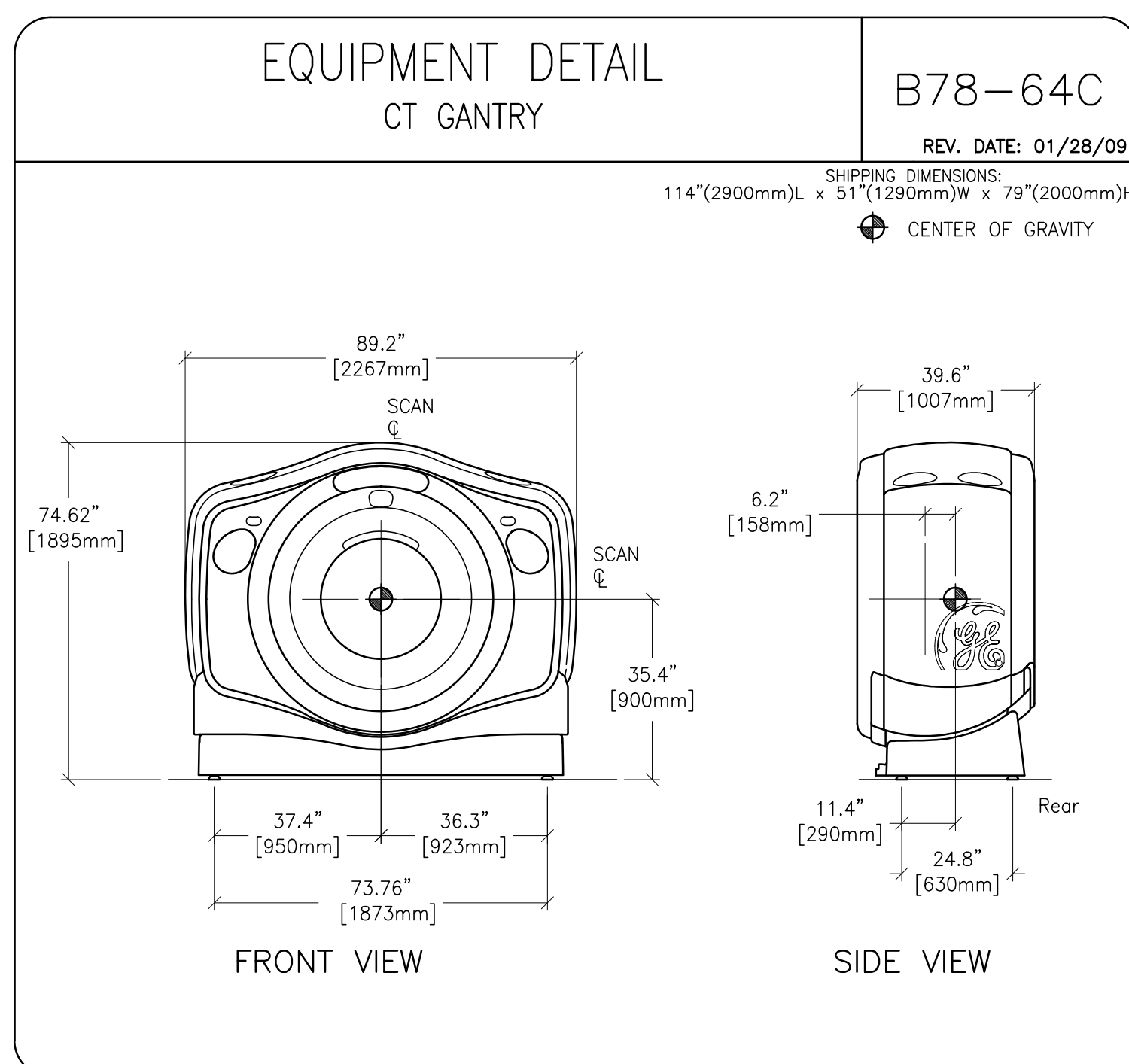
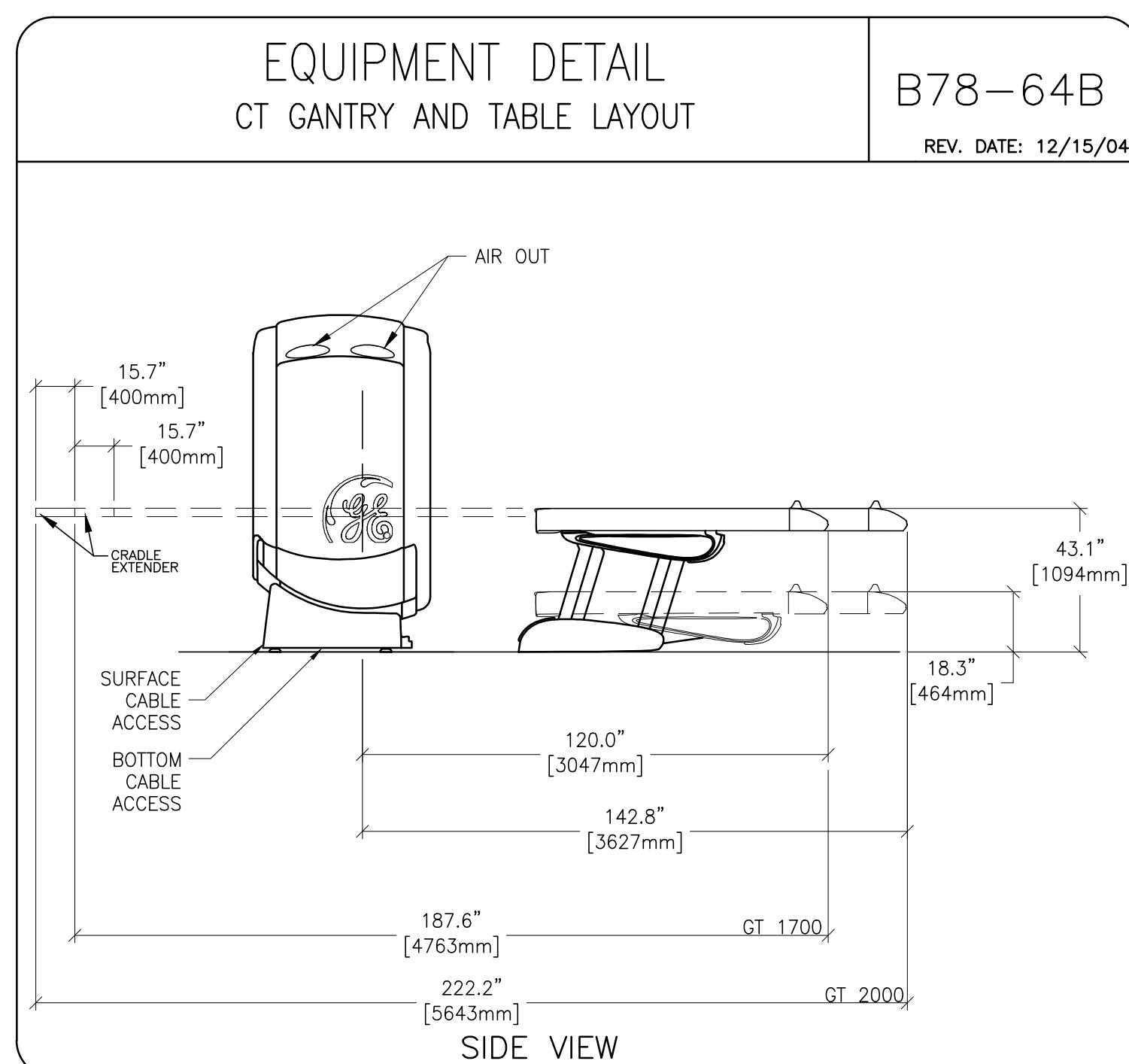
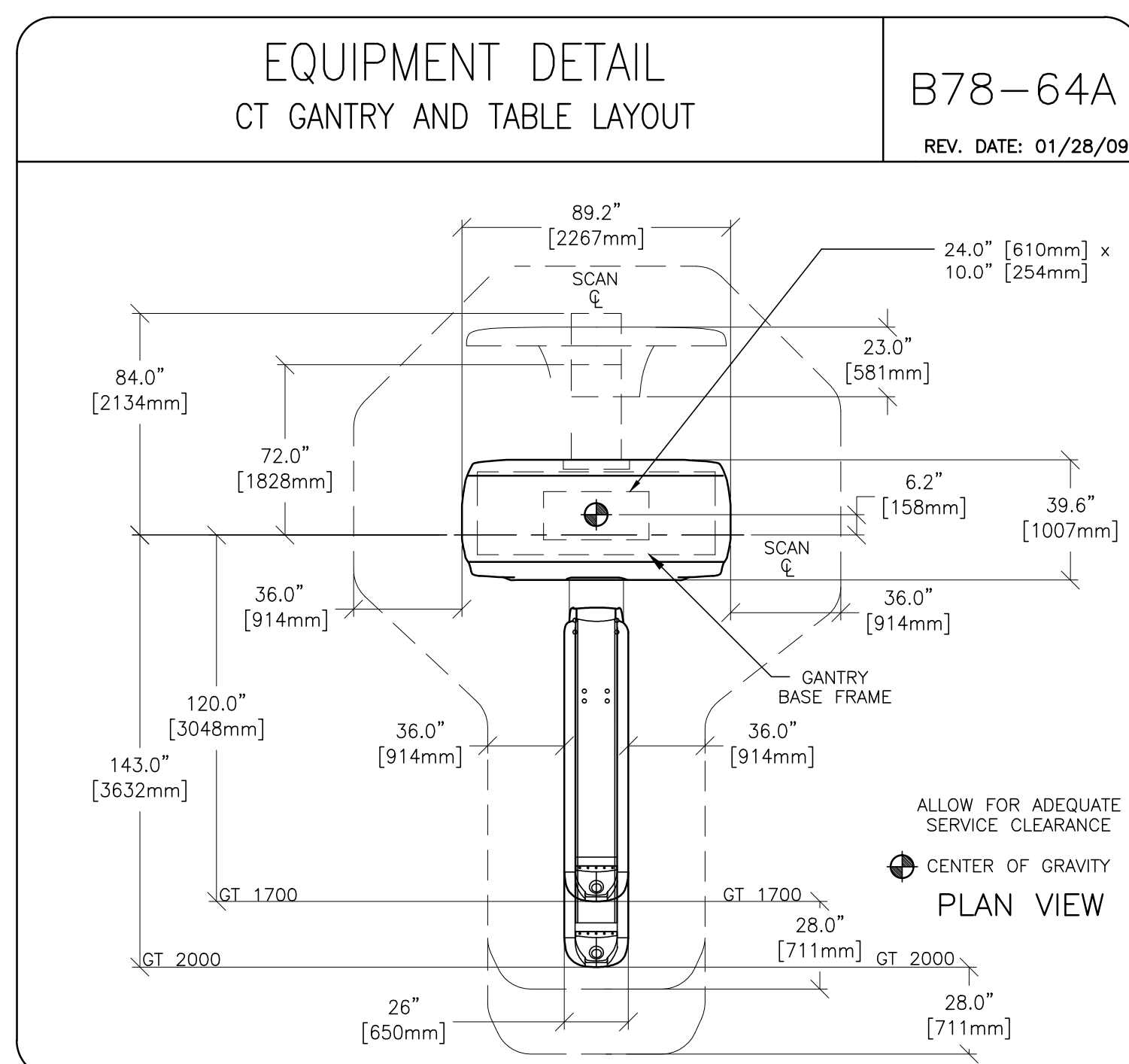
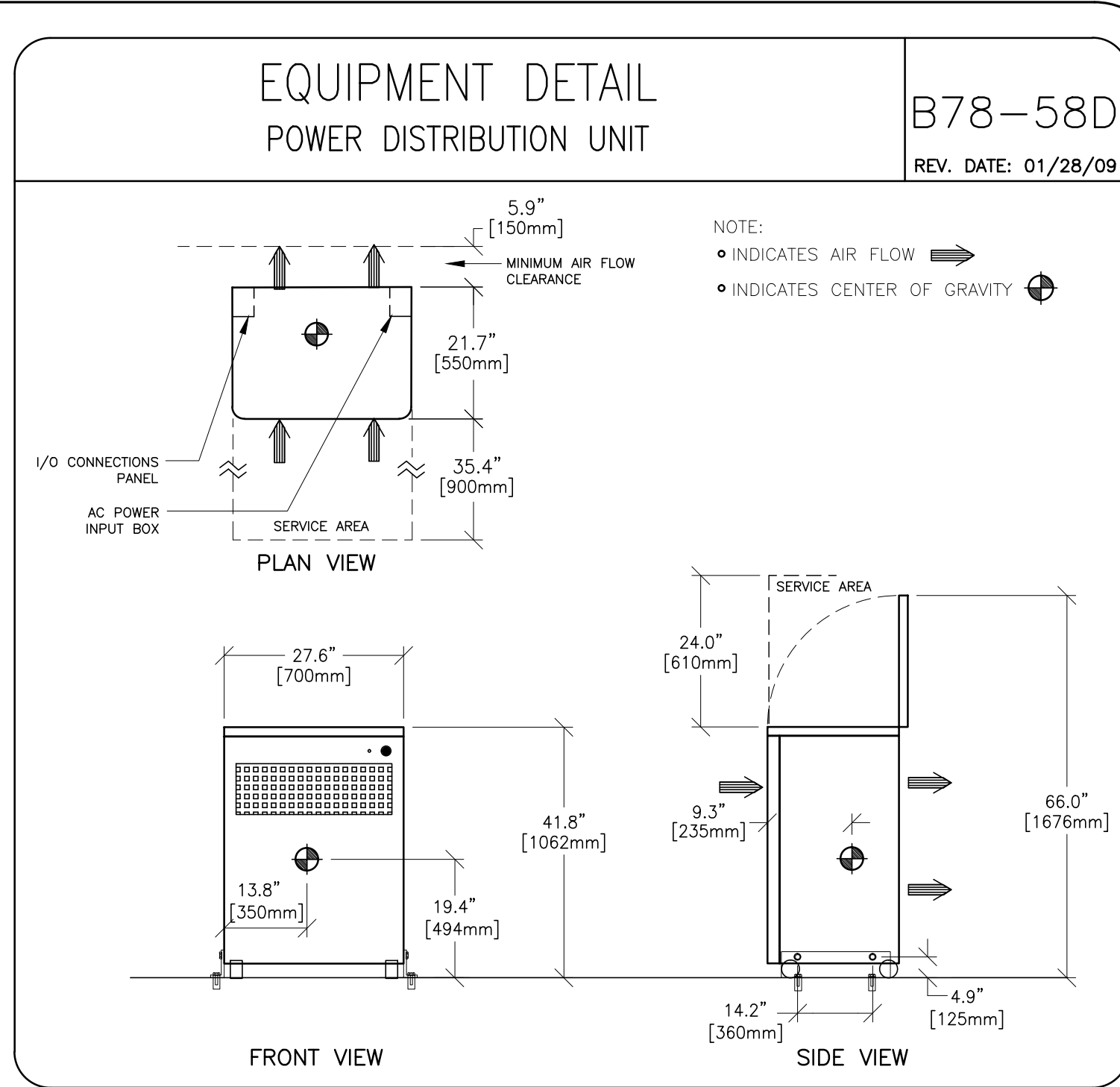
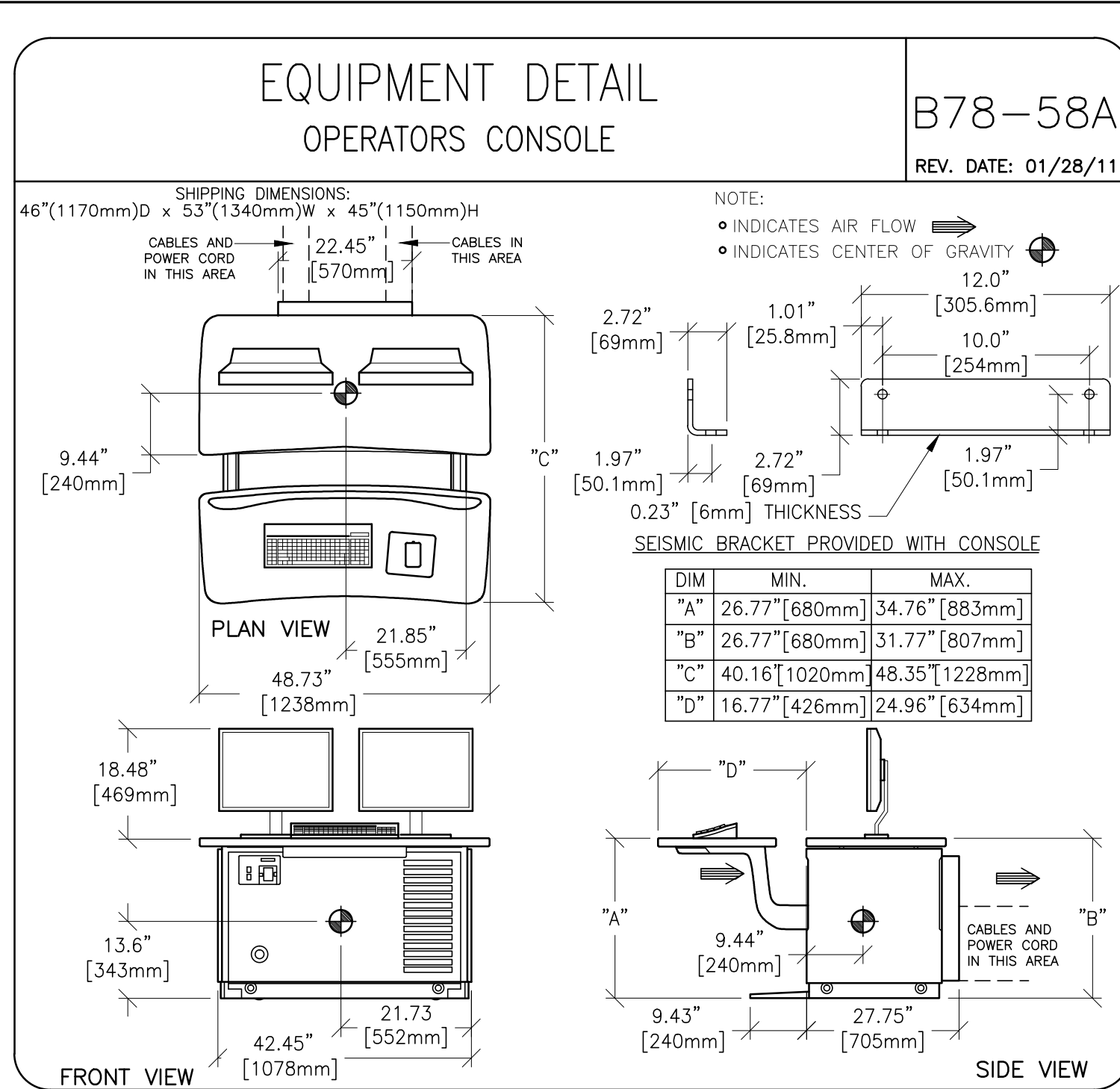
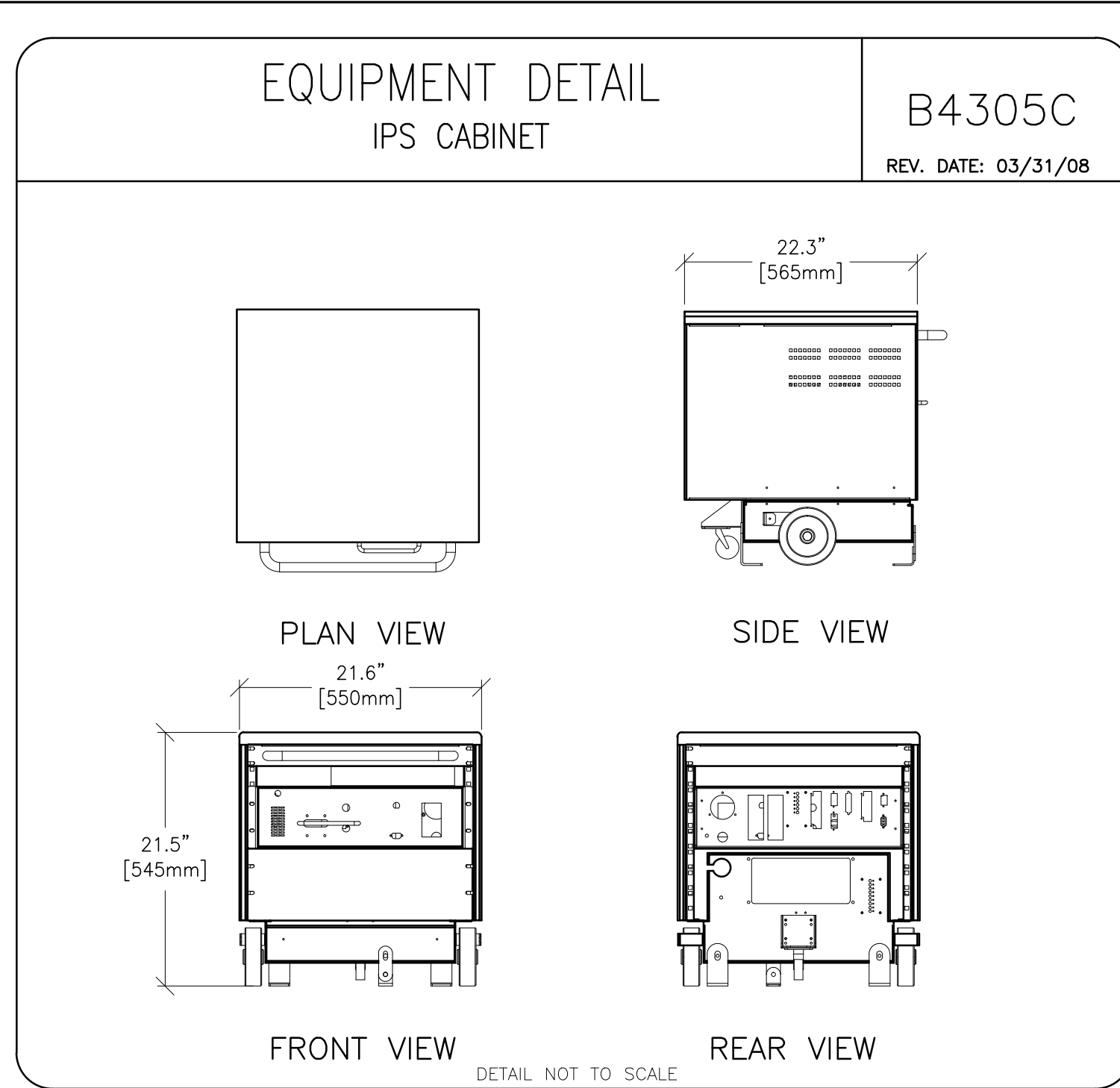
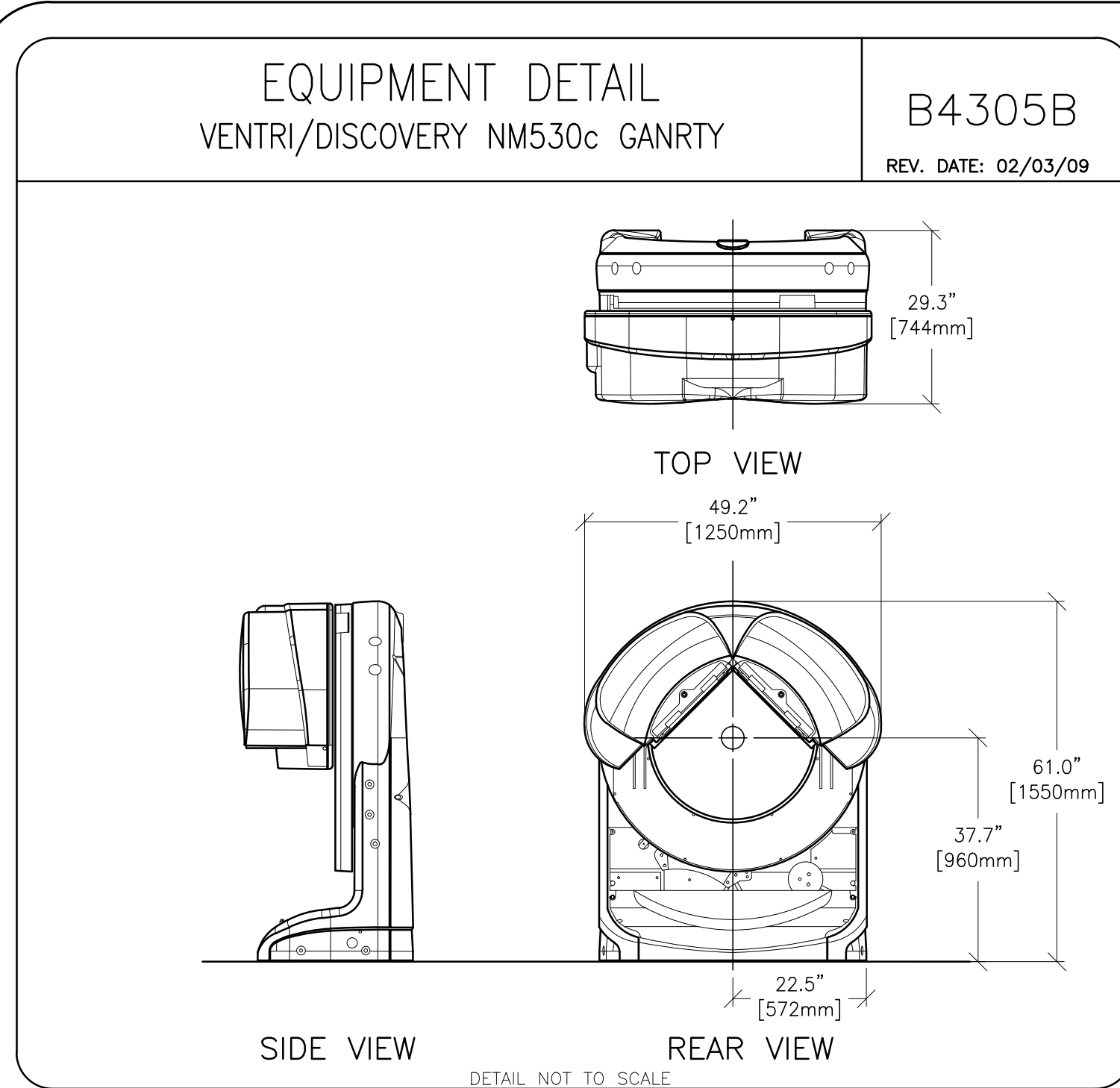
PROJECT TITLE:  
**TYPICAL FINAL  
INSTALLATION DRAWING**

PROJECT	REVISION
7-72f	00

DATE: 27.Sep.12  
DRAWN BY: JLT  
CHECKED BY: CPC

REVISION HISTORY:


SHEET  
**E3**



**GE Healthcare**  
Healthcare Project Implementation - Design Center  
Manufacture

SHEET TITLE: EQUIPMENT DETAILS  
MODALITY TYPE: DISCOVERY NM/CT 570c

THIS PLAN IS SUBMITTED TO REQUEST FOR THE LATEST INFORMATION OF GE HEALTHCARE EQUIPMENT AND ASSOCIATED APPARATUS. ELECTRICAL WIRING DETAILS AND ROOM ARRANGEMENTS IN PREPARING THIS PLAN. EVERY EFFORT HAS BEEN MADE TO CONFORM TO THE DETAILS AND DIMENSIONS SHOWN. HOWEVER, THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL CONSTRUCTION BEFORE ANY WORK BEGINS AND THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE: TYPICAL FINAL INSTALLATION DRAWING

PROJECT	REVISION
7-72f	00

DATE: 27.Sep.12  
DRAWN BY: JLT  
CHECKED BY: CPC

REVISION HISTORY:

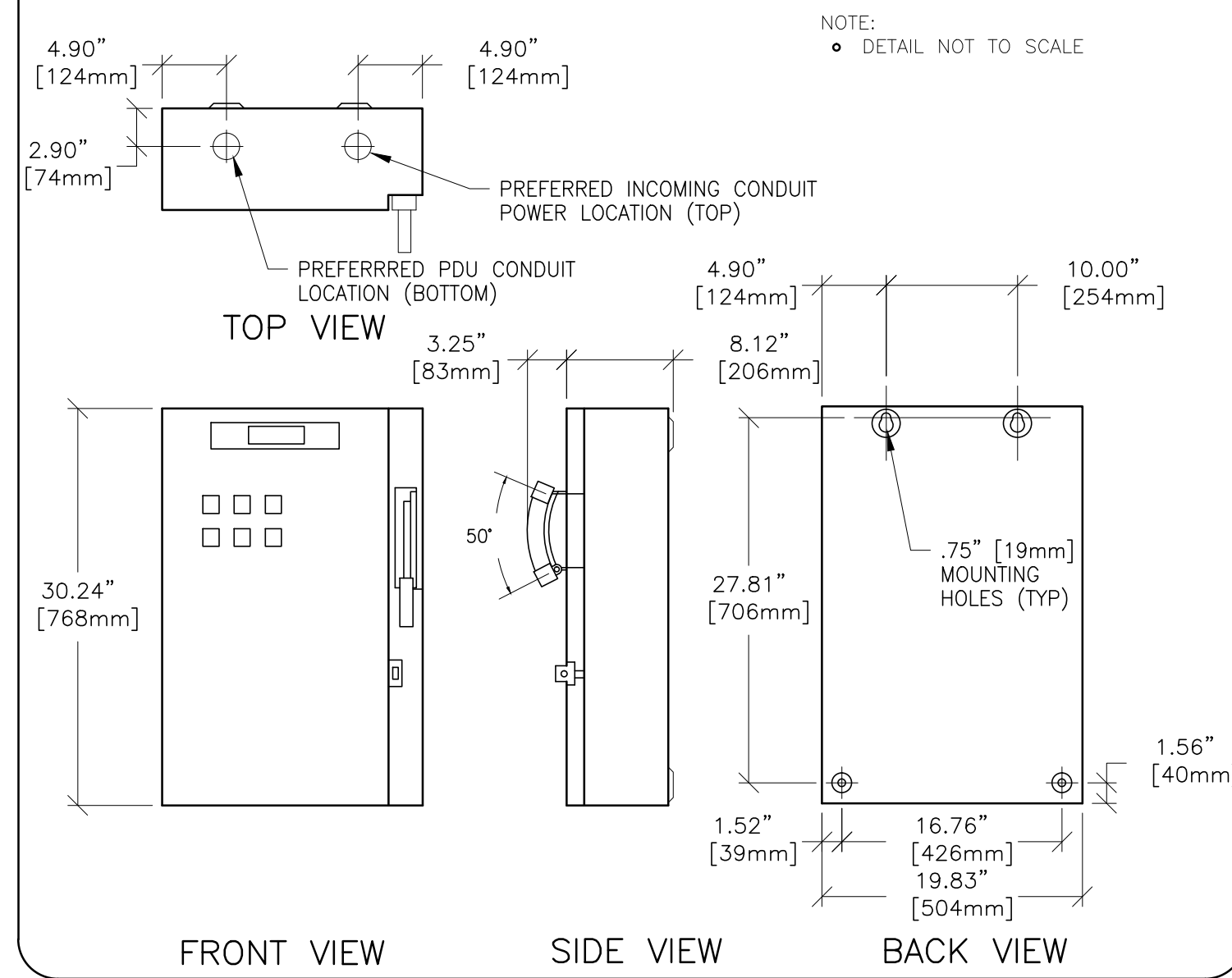
SHEET  
D1

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



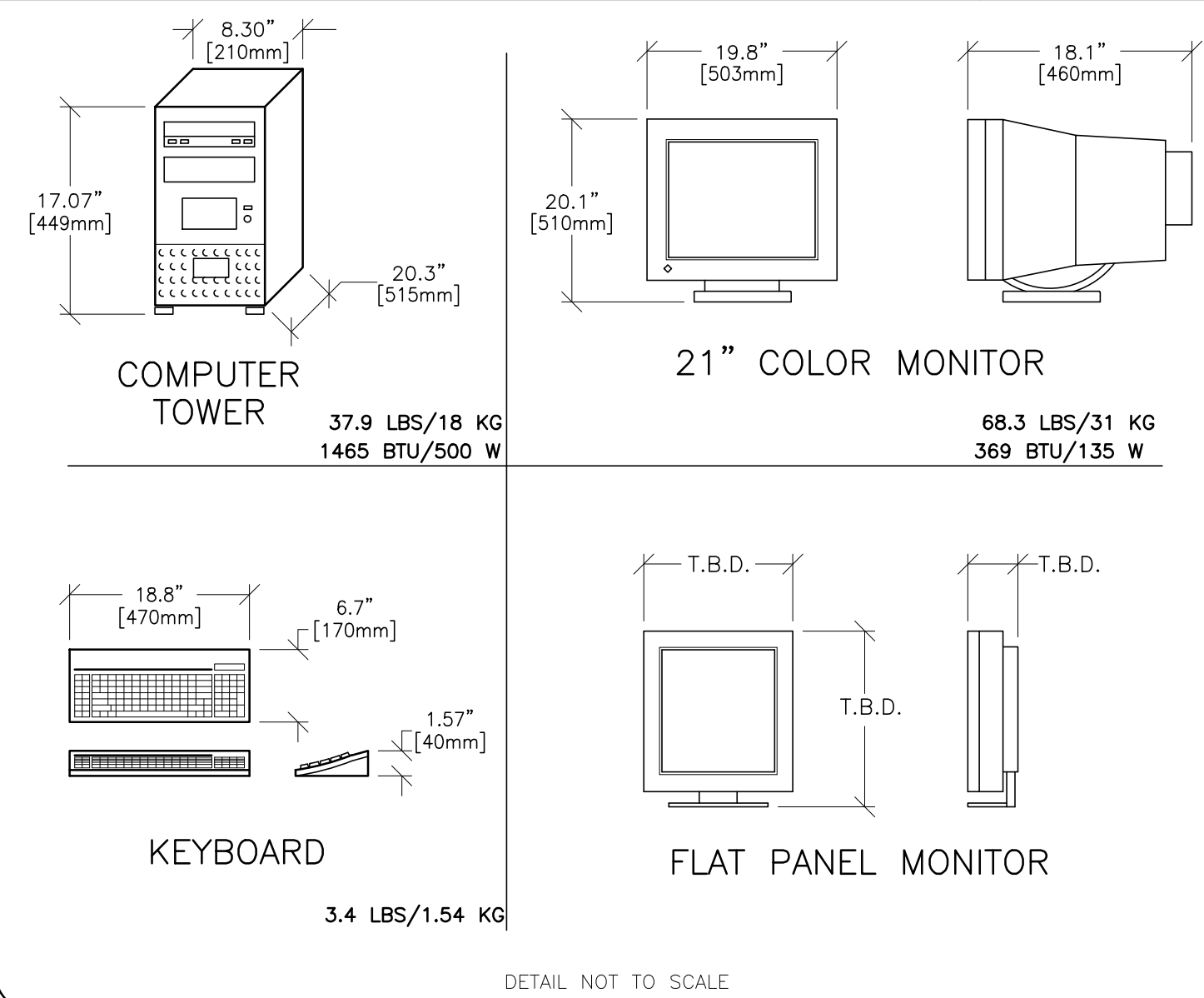
EQUIPMENT DETAIL  
MAIN LINE CONTACTOR – OPTIONAL

E45-02AE  
REV. DATE: 02/20/04



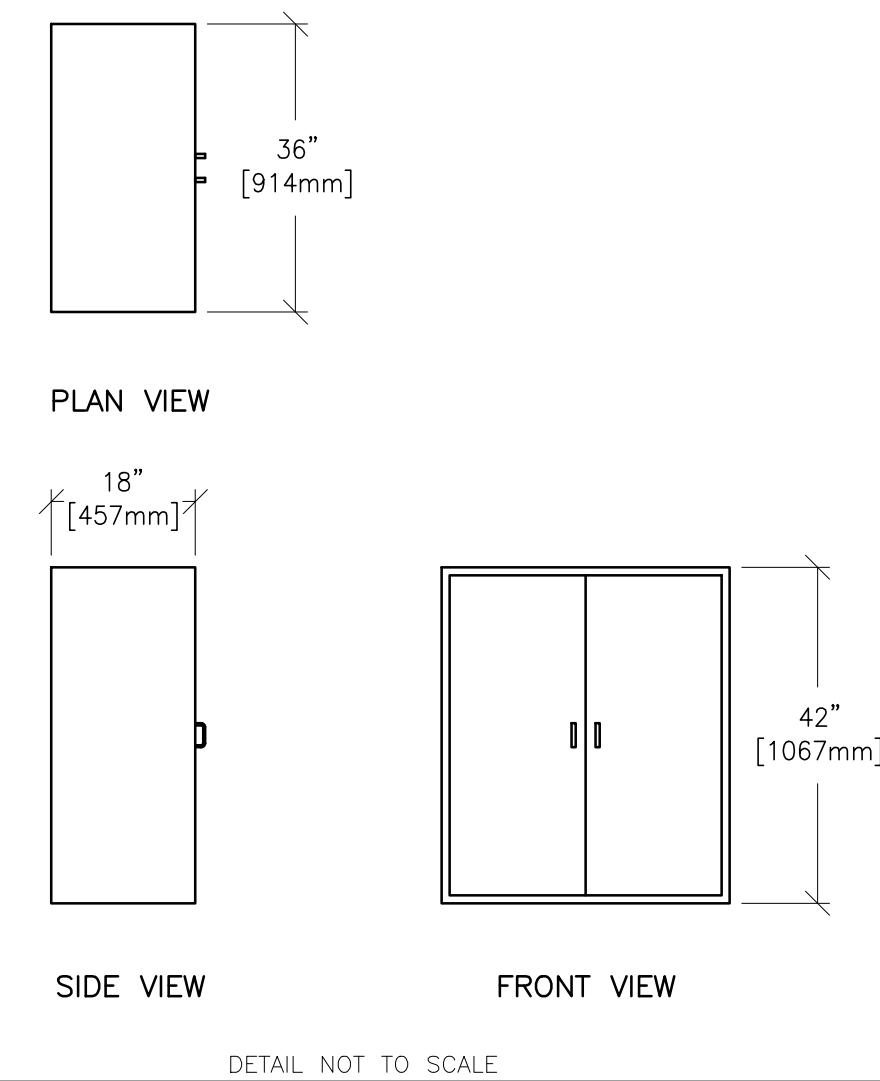
EQUIPMENT DETAIL  
XELERIS WORKSTATION

M1014AW  
REV. DATE: 01/24/08



EQUIPMENT DETAIL  
TYPICAL STORAGE CABINET

M33005  
REV. DATE: 02/26/09



SHEET TITLE: EQUIPMENT DETAILS  
MODALITY TYPE: DISCOVERY NM/CT 570c

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 DIMENSIONS AND TO THE COMPANY'S DESIGN AND CONSTRUCTION PRACTICES. HOWEVER, THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE:  
TYPICAL FINAL  
INSTALLATION DRAWING

PROJECT	REVISION
7-72f	00
DATE:	27.Sep.12
DRAWN BY:	JLT
CHECKED BY:	CPC

REVISION HISTORY:

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\_\_\_\_\_  
\_\_\_\_\_

SHEET  
D2

P1M R2

**GE Healthcare**  
Healthcare Project Implementation – Design Center  
Milwaukee, Wisconsin