

Cherokee Nation
Redbird Smith Health Center
Annex Remodel & Addition

Equipment List & Specifications

03-26-13

RSHC- ANNEX AND ADDITION
SALLISAW, OK - 3-26-13

Mark	Generic Descriptoin	Mfg. make / model	Utilities				size / location	Comments	Responsible
			plumb	mech	elec	data/ comm			
104	CHAIR, PATIENT, WALL SAVER	SPEC SIDE CHAIR CLEANABLE W/ DILUTE BLEACH					WALL		IV
107	CHAIR, SIDE W/OUT ARMS						FLOOR		IV
110	LOVESEAT, 2 PERSON	KI, JESSA IN HEALTHCARE FABRIC					FLOOR		IV
140	CHAIR, SONOGRAPHERS ERGO CHAIR	CONE INSTRUMENTS							
150	CHAIR, TASK, ADJ. HEIGHT & ARMS, TILT	HERMAN MILLER, AERON CHAIR					FLOOR		IV
200	TRASH RECEPACLE, FIRE RESISTANT, WATER TIGHT	RUBBERMAID #2541, 14 QT							III
201	TRASH RECEPACLE, RED MEDICAL WASTE, STEP-ON, 24 GALLON	UNITED RECEPACLE, ST24E					15"X15"X30"H		III
202	TRASH RECEPACLE, STEP-ON RECTANGULAR, STAINLESS STEEL, 24 GAL.	UNITED RECEPACLE, ST24SS					15"X15"X30"H		III
203	TRASH RECEPACLE, OPEN TOP ALUMINUM	35 GAL. OPEN TOP, SATIN FINISH							III
204	TRASH RECEPACLE W/ SWING TOP LID	22+ GAL., PLASTIC					FLOOR		III
206	KEYBOARD TRAY, ARTICULATING W/ MOUSE	EXISTING IN STORAGE							IV
208	CPU MOUNT, UNDER DESK MOUNT	LOUIS & COMPANY, KVCPU-3					BELOW COUNTER		IV
230	SHREDDER CONTAINER	PERSONAL DESK SIZE							III
250	COAT HOOK, WALL MOUNT	PETER PEPPER, #2078						BACKING	I
251	COAT RACK, 6 HOOKS WALL MOUNT	PETER PEPPER, #2147 W/ 6 HOOKS					32"WX6"HX2-1/4"D	BACKING	I
270	SANITIZER WIPE RACK, WALL MOUNT	GRAINGER, 8VMT7					WALL MOUNT	BACKING	III
305	ICE MACHINE/BIN, FLAKE ICE	MANITOWOC QF0406A	X		X		REC	FLOOR MODEL	IV
310	REFRIGERATOR/FZR, COMMERCIAL	TRUE, STG1DT-2HS DUAL TEMP			X			KITCHEN	IV
351	REFRIGERATOR, U/C	UNDER COUNTER			X				III
355	DISHWASHER, U/C COMMERCIAL	INSINGER, RL-30 UNDERCOUNTER	X		X		UNDER COUNTER	KITCHEN	II
357	OVEN, CONVECTION HALF SIZE W/ STAND	VULCAN, ECO2D CONVECTION OVEN			X				II
358	MICROWAVE, COUNTERTOP COMMERCIAL	AMANA, LD10MP			X		20.75WX12.25HX15.5D	COUNTER OR UPPERS	III
359	RANGE, ELECTRIC 4 BURNER	VULCAN 24" RANGE			X				II
361	COFFEE MAKER, RESIDENTIAL				X				III
362	COFFEE MAKER, COMMERCIAL	REGALWARE, #58155R, 12-55 CUPS			X				III
384	BOOKCASE, OPEN						FLOOR		IV

RSHC- ANNEX AND ADDITION
SALLISAW, OK - 3-26-13

			plumb	mech	elec	data/ comm		
434	FILE, LATERAL 4 DRAWER	KI, 700 SERIES W/ LOCK					REF PLAN	IV
440	FILE, LATERAL W/ UPPER BOOKCASE	2 DWR LATERAL, LOCKING W/ BOOKCASE ABOVE					REF PLAN	IV
485	FIRE CABINET	EXISTING FIRE RATED CABINET					30.5"WX24"DX36"H	III
1010	CHILDREN'S FURNITURE	SPEC, CHILDREN'S CHAIRS						IV
1019	BENCH							IV
1333	STOOL, AIR LIFT W/ BACK & FOOT RING	RITTER, CLASSIC SERIES 277, 18"-24.5"H						IV
1335	STOOL, AIR LIFT W/ CASTERS	RITTER, 425 AIR LIFT STOOL						IV
1401	TABLE, TRAINING							IV
1406	WORKBENCH, PACKAGING	PROLINE, MODEL CPB						III
1409	CHILDREN'S TABLE	TABLE						IV
1500	WORKSTATION, PER PLAN						FLOOR	IV
1804	WALL SHELVING, PLAY ROOM	RON'S TRAYS, BWS-104						IV
1805	SANDTRAY CART W/ STORAGE	RON'S TRAYS, DLX2000						III
1806	SAND TRAY W/ LID	RON'S TRAYS, OST-100						III
1807	DOLL HOUSE	GRESSCO, SELECT OPTIONS						III
2259	SHELVING UNIT, WIRE, OPEN SELVES, MOBILE	LYON, #43055					FLOOR	IV
2260	SHELVING, INDUSTRIAL	LYON, 8000 SERIES, 7 HIGH, 8567X					42"WX24"D	III
2401	RACK, GARMET, ROLLING	ROLLING GARMENT RACK					62"WX23"DX66"H	III
2408	CART, ROLLING	LYON, CART VT530					24"WX36"DX32"H	III
2500	COMPUTER W/ KEYBOARD, MOUSE & MONITOR				X	X	COUNTER	III
2506	BULLETIN BOARD/TACK BOARD	CLARIDGE W/ ALUMINUM FRAME					WALL MOUNT	IV
2528	MARKER BOARD, PRESENTATION CENTER	CLARIDGE MARKERBD W/ TACK, MAP RAIL					4'X8' / WALL	IV
2530	BULLETIN BOARD, ENCLOSED W/ DOORS	CLARIDGE						IV
2605	WORK BENCH, STEEL FRAME	LYON, 2407					72"WX28"DX32.25"H	
2850	SCANNER, COUNTERTOP	CARD SCANNER???			X	X	COUNTERTOP	III
2856	CART, ROLLING, TOOL	RUBBERMAID #4533-88						III
2941	PHONE, DESK					X	COUNTER	III

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			plumb	mech	elec	data/ comm			
2942	PHONE, CONFERENCE SET-UP				X	X	TABLE	FLOOR OUTLET	III
2944	PHONE, WALL MOUNT					X	WALL		III
3000	MARKER BOARD, INTERACTIVE	SMART BOARD #68013 W/ SBA AUDIO. COMPLETE W/ SOFTWARE			X	X	WALL MOUNT		III
3002	AUDIO & VIDEO EQUIPMENT FOR OBSERVATION	OWNER SPECIFIED AND PURCHASED			X	X			III
3004	PROJECTION SCREEN, RECESSED, POWERED	DA-LITE, ADVANTAGE ELECTROL			X		8'X8'	RECESSED CLNG. MNT	I
3016	LINEN HAMPER, TILT-TOP ROUND	BREWER, #33334					18", FLOOR		
3931	PRINTER, LABELS	INTERMEC, 7421 PRINTER			X		7.9"Wx9.7"Dx6.7"H		
3269	REFRIG/FZR, RESIDENTIAL	GE ENERGY STAR, 21 CU FT TOP FZR, W/ ICE MAKER	X		X		FLOOR		III
3270	REFRIG/FZR, RESIDENTIAL	AMANA, 21.9 CF, DUAL TEMP CONTROL REFRI/FZR			X		FLOOR	FOR MEDS	III
3271	REFRIG, COMMERCIAL W/ GLASS DOOR	FRIGIDAIRE FCGM201RFB			X			DEDICATED, EMERG. POWER	III
3272	REFRIG / FZR, DUAL TEMP CONTROL	AMANA, 18.5 cu.ft. ABB1924WE			X		20"WX23.5"DX33.25"H		III
3276	ONNICELL, MEDICATION STATION	OMNICELL, OMNIRX TT			X	X	26"WX23.5"DX24.5"H		IV
3752	ADDRESSOGRAPH IMPRINTER				X				III
3759	ALL-IN-ONE UNIT, NETWORKED, COLOR	FLOOR MODEL			X	X	FLOOR		III
3762	ALL-IN-ONE UNIT, NETWORKED. B/W	FLOOR MODEL			X	X	FLOOR		III
3926	PRINTER, PERSONAL UNIT				X		COUNTER		III
3928	ALL-IN-ONE, DESKTOP, NETWORK				X	X	DESKTOP		III
3930	PRINTER, NETWORK W/ STAND				X	X	FLOOR/STAND		III
4100	MONITORS, DOUBLE	SECURITY MONITOR, WALL MOUNT			X	X	WALL MOUNT	BACKING	III
4137	TELEVISION, WALL MOUNT				X	X	WALL MOUNT	BACKING	II
4200	GOJO, SOAP/ SANITIZER DISPENSER	#2740, BATTERY OPERATED HANDS FREE DISPENSER					WALL MOUNT		II
5242	CHAIR, PHLEBOTOMY RECLINER	CUSTOM COMFORT, VM5000-LXL							IV
5243	CHAIR, PHLEBOTOMY POWER CHAIR	CUSTOM COMFORT, 1202-LXL/AP			X				IV
5288	MICROSCOPE, COUNTER, EXISTING	COUNTERTOP MICROSCOPE			X				III
5325	CART, PHLEBOTOMY, ROLLING	MEDLINE, WPH01WMLP1							III
5357	ANALYZER, LAB URINE ANALYZER	EXISTING			X				III

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			plumb	mech	elec	data/ comm			
5376	CENTRIFUGE, EXISTING COUNTER	CENTRIFUGE							III
5700	PRINTER, LASER IMAGER FOR IMAGING	CARESTREAM DRY VIEW 6850			X	X	29"WX25"DX45.1"H	DEDICATED	III
5701	DIGITIZER	VIDAR, DIAGNOSTIC PRO ADVANTAGE			X	X			III
5706	LEAD APRON HOLDER	EXISTING						BACKING	II
5753	XRAY SYSTEM, COMPLETE	GE, PRECISION 500D W/ MAGIC PC/SG-80			X	X		SHIELDING	IV
5762	PC/MONITOR WALL BRACKET				X	X			II
5763	Panormic x-ray	Planmeca Promax			X	X	FLOOR	REQUIRES BRACING	IV
5820	MAMMOGRAPHY	GE, SENOGRAPHE ESSENTIAL			X	X			IV
5822	MAMMO CABINET, ACCESSORIES	GE, CABINET E6315T					30"WX14"DX39"H		IV
5823	MAMMOGRAPHY, PHANTOMS	GE, E6322DJ ACR PHANTOM							IV
5824	ULTRASOUND MACHINE	GE, LOGIQ E9			X	X			IV
5826	ULTRASOUND GEL WARMER	THERMASONIC GEL WARMER			X				II
6029	DENTAL, ELECTRIC HANDPIECE UNIT	ROTEX 780 COMPACT HANDPIECE UNIT			X		6.25"LX5"WX3"H		III
6049	DENTAL, LATHE	BALDOR MFG., 380WCT			X		COUNTER		III
6073	DENTAL MODEL TRIMMER	Buffalo model trimmer			x		COUNTER		III
6077	VIBRATOR, DENTAL	BUFFALO DENTAL, MODEL 1-A			X		COUNTER		III
6095	DENTAL, CURING LIGHT UNIT	DENTSPLY INT., TRIAD 2000 CURING UNIT			X		COUNTER		III
6097	DENTAL, HEATING BLOCK/VACUUM	DENTIFORM, DENTIFORMER HEATER			X		7"WX10.75"DX12.25"H		III
6100	TRIMMING KNIFE	BUFFALO DENTAL, EXISTING			X		COUNTER		III
6101	MICRO SANDBLASTER SYSTEM	BUFFALO DENTAL, EXISTING			X		COUNTER, W/ HOODS		III
6102	VORTEX MIXER	SCIENTIFIC INDUSTRIES, G560			X		COUNTER		III
7100	WEIGHTS, HAND WEIGHT, DUMBBELL	2 EACH WEIGHT, FULL SET OF HAND WEIGHTS, VINYL COATED						STORE IN #7121	IV
7101	WEIGHTS, HAND WEIGHT, DUMBBELL	HEX SHAPE, FULL SET FROM 5 LB. -50 LB., 2 EACH SIZE						STORE ON #7120	IV
7103	BOSU BALL- BALANCE TRAINER						FLOOR		III
7104	WEIGHT RACK, VARSITY HALF RACK	MAGNUM FITNESS, 0690-7 VARSITY HALF RACK W/ WEIGHTS					FLOOR	OWNER TO SELECT WEIGHT SIZES	IV
7105	BENCH, WEIGHT, ADJUSTABLE	MAGNUM FITNESS D86, INCLINE, FLAT, DECLINE W/ LEG ROLLERS					FLOOR		IV


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			plumb	mech	elec	data/ comm			
7106	BENCH, FLAT	MAGNUM FITNESS, A59, FLAT BENCH					FLOOR		IV
7112	EXERCISE MATT, FOAM	VALEO, FEM							III
7120	DUMBBELL RACK, 3 TIER	3-TIER HOLDS (1) PAIR OF 5-50 LB. HEX WTS.					30"HX20"LX40"W		IV
7121	DUMBBELL WAGON	ALIMED #3344 DUMBBELL WAGON						(WT SET #7100)	IV
7128	TREADMILL	PRECOR, TRM 885			X		88"LX35"WX70.5"H	W/ TV CONNECTION	IV
7131	ELLIPTICAL TRAINER	PRECOR, AMT 885			X		74"LX28"WX73"H	W/ TV CONNECTION	IV
7132	ELLIPTICAL CROSS TRAINER	PRECOR, EFX 885			X			W/ TV CONNECTION	IV
7134	BIKE, UPRIGHT EXERCISE MACHINE	PRECOR, UBK885 UPRIGHT BIKE			X			W/ TV CONNECTION	IV
7135	BIKE, RECUMBENT EXERCISE MACHINE	PRECOR, RBK815 RECUMBENT BIKE			X			W/ TV CONNECTION	IV
8098	ULTRASONIC CLEANER	MIDMARK, M250 SONICLEAN			X				IV
8100	AUTOCLAVE, COUNTERTOP	MIDMARK M11			X		17.8"W X 23.8"DX17.8"H		III
8168	CART, PROCEDURE, ROLLING	MIDMARK, 665 SUPPLY CART							IV
8204	CART, CRASH / SUPPLY CART	STANLEY INNER SPACE, 6324R5							III
8510	LIGHT, EXAM, CEILING MOUNT	PHILLIPS, OUTPATIENT II			X		CEILING MOUNT		II
8572	ILLUMINATION SYSTEM, CORDLESS	DISPOSABLE SPECULA ILLUMINATOR			X				III
8574	EXAM LIGHT, CORDLESS	WELCH ALLYN, CORDLESS LED LIGHT SOURCE W/ CHARGING STATION			X		COUNTERTOP		III
8780	DIAGNOSTIC / VITAL SIGNS	WELCH ALLYN, SPOT VITALS W/ STAND			X		FLOOR, ROLLING	ELEC FOR CHARGING	III
8782	DIAGNOSTIC SET, WALL MOUNT	WELCH ALLYN #76791-2MPX			X		WALL		III
8900	STADIOMETER, WALL MOUNT	MEDLINE, #TO BE SELECTED					WALL MOUNT		II
8910	SCALE, MANUAL	DETECTO, EXISTING							III
8911	SCALE, DIGITAL PEDIATRIC	SECA, DIGITAL, EXISTING			X				III
8915	SCALE, WHEELCHAIR	SCALETRONIX, 6702 W/ HEIGHT						BATTERY OPERATED	IV
9100	INFECTION PREVENTION CENTER, COUGH STATION	PETER PEPPER, ICF-2M					24.5"WX63"HX15"D	FLOOR	IV
9101	INFECTION PREVENTION CENTER	PETER PEPPER, ICP-2					21"WX18"HX4"D	WALL MTD	IV
9176	IV POLE W/ PUMP	EXISTING IV POLE W/ PUMP			X				III
9211	WATER DISTILLER, FLOOR MODEL	TUTTNAUER 7000 SERIES, 8 GAL.	X		X		11"WX17"DX36"H		II
9212	WATER DISTILLER, COUNTER MODEL	TUTTNAUER 700 SERIES, 3.5 GAL.	X		X				IV

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			plumb	mech	elec	data/ comm			
9221	WASHER/ DISINFECTOR	STERIS, RELIANCE 333	X		X				IV
9222	STEAM STERILIZER	STERIS, AMSCO, CENTURY SMALL STERILIZER	X		X	X		FLOOR DRAIN	IV
9226	DISINFECTOR, SOAK STATION	PCI MEDICAL, GUS, MODEL G10VP			X				II
9301	MAYO STAND, EXISTING	MAYO STAND, EXISTING							III
9309	SCALE / EXAM TABLE, PEDIATRIC	MIDMARK, 640 PEDIATRIC SCALE/TABLE			X				IV
9310	TABLE, EXAM, FLAT, SPACE-SAVER	HAUSMANN, SPACE SAVER #4102					24"WX52"-72"LX31"H		IV
9312	EXAM TABLE, BARRIER FREE	RITTER 222 W/ MANUAL BACK ADJ.			X		FLOOR		IV
9313	EXAM TABLE, BARRIER FREE	RITTER 223 POWER TABLE			X				IV
9502	THERMOMETER, TYMPANIC, HAND HELD	GENIUS 2 TYMPANIC #303000 W/ BASE					COUNTER	BATTERY OPERATED	III
9650	WASHER, FRONT LOADING	WHIRLPOOL WFW9050X	X		X				I
9651	DRYER, FRONT LOAD, ELECTRIC	WHIRLPOOL WED9050		X	X				I
9752	EKG	EKG, EXISTING???							III
9858	WHEELCHAIR								III
9859	WHEELCHAIR								III
9992	GLOBE BOX DISPENSER	PSS#3130 TRIPLE BOX HOLDER					WALL MOUNT		III
9994	SHARPS CABINET, 5 QT W/ LOCK	PSS#2263 W/ 2261 CONTAINER					WALL MOUNT		II

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TESTIMONIALS

Home > Ergo Chair For Sonographers

Ergo Chair for Sonographers

- Contoured saddle-style seat for increased comfort and range of motion
- Adjustable winged-back support provides relief from stress on back and shoulders
- Adjustable seat allows for increased flexibility, range of motion and reach
- Five-star base with wheels and sloping footplates to enhance stability and mobility
- Also available as a stool - #944502 (without back)

Don't sacrifice comfort or personal safety to obtain the optimal image. The Ergonomic Chair for Technologists allows the ultrasound Sonographer to bend, stretch, and move more freely between the exam table and the imaging system – while providing additional support to reduce the stress of repetitive motion. It reduces fatigue with additional support whether sitting forward, sideways, or backwards – and still allows the maintenance of a wide reach.

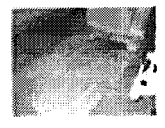
Sonographers and other imaging professionals often have to move their bodies into a static position that must be strictly maintained over an extended period – sometimes maintaining the same posture 8 to 10 times per day – to manipulate the transducer and obtain the optimal image. This creates a lot of stress and fatigue on the musculoskeletal system. Adjustability of the equipment is the number one factor that will reduce the risks of repetitive motion disorders.

Made of durable grade-A vinyl. Specify upholstery color: ebony (black), wine (burgundy), ocean (dark blue), yacht, Nile, olive, taupe, chestnut or feather (gray). [CLICK HERE](#) to view colors.


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Item #	Product Name	Price	Qty
944500	Ergo Chair - choose Color -	Each Call for pricing	811.00

You May Also Consider



Ergonomic Mat Area-Fatigue Floor Pad
\$204.00



Detachable "Slop On" Waste Containers
\$158.00

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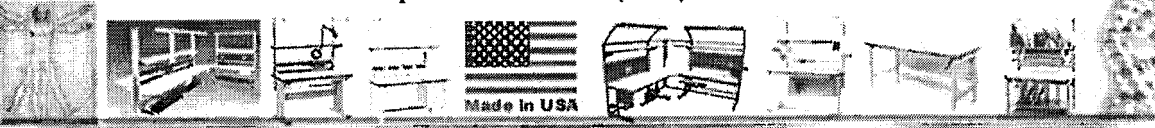


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Complete Pack Bench (CPB) Workbench

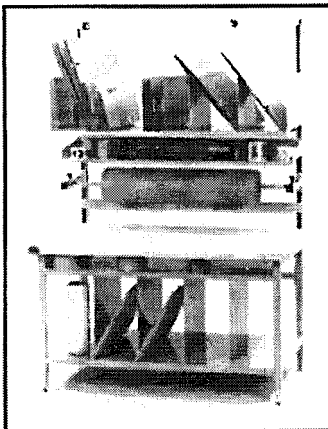


Model PB | Model CPB | Model ELHC/PB

Packaging Workstations



Pro-Line's Complete Packaging Workbench (CPB) is sold complete with all accessories shown:



- Full Lower Shelf with four (4) 18" x 18" Dividers.
- Full Width Storage Shelf with 4" of Clearance,
- UR72 Uprights,
- Bin Holder,
- 6 Outlet Power Supply,
- Paper Spool Holder,
- Enclosed Metal Shelf 12" deep with four (4) Dividers
- Corrugated Storage Shelf with four 12" x 18" Dividers, and,
- a Shop Light.
- ESD price includes a Ground Kit.

CORPORATE

About Pro-Line

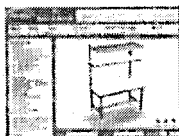
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"In Stock" - Quick Ship

Frame: Light Gray Only.
Work Surfaces: White Standard or ESD Laminate, and Solid Maple.



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Model CPB
Complete Pack Bench

60" L x 30" W x 30" H (Leg Adjustment to 36" Provided)

Top Work Surface	Stock #	Wt.	In Stock?
Plastic Laminate	CPB603030P	325	Yes
ESD Laminate, Conductive	CPB603030C	325	Yes
Solid Maple, 1.75"	CPB603030M	362	Yes

72" L x 30" W x 30" H (Leg Adjustment to 36" Provided)

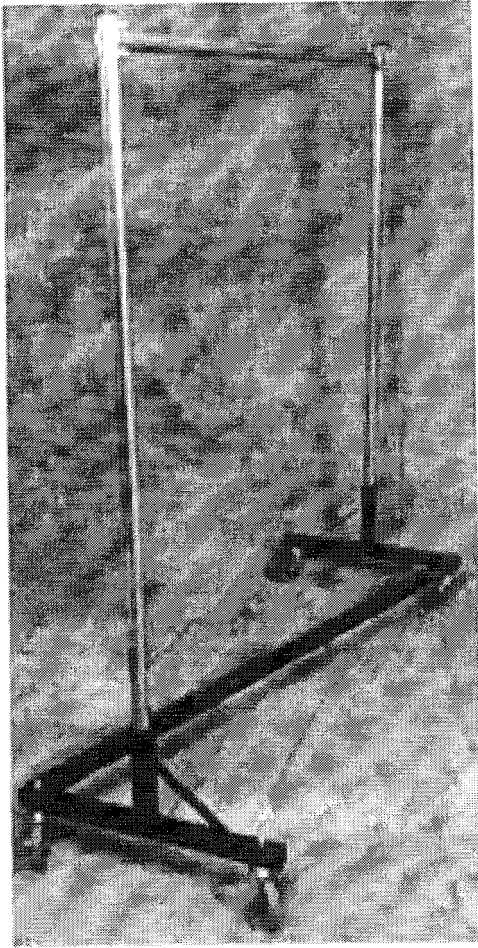
Top Work Surface	Stock #	Wt.	In Stock?
Plastic Laminate	CPB723030P	355	Yes
ESD Laminate, Conductive	CPB723030C	355	Yes
Solid Maple, 1.75"	CPB723030M	399	Yes

Packaging Workstations



Model PB | Model CPB | Model ELHC/PB

#2401



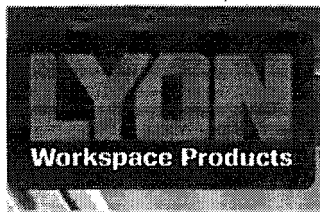
This Z garment rack has a 500 lb load capacity and 4" professional grade casters to hold a closet full of your heaviest garments. The assembled size for the garment rack is 63"Wx23"Dx66"H. Bases are available in 7 colors, black, blue, red, orange, yellow, silver or white.

USA Made

Item # Z5B5U-GLK5K7

<http://www.garmentrack.com/z5b5u.html>

2408

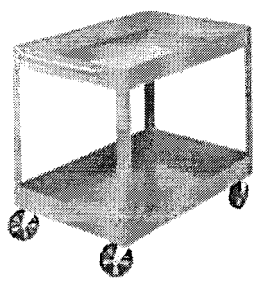


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COMMERCIAL CARTS

Check up to five results to perform an action.



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Economical 400 lb. capacity carts are ideal for general purpose use in stockrooms, shipping and receiving departments, and light assembly lines.

- Two steel trays with 3 1/2" deep flanges.
- Top tray can be inverted to provide flat work surface.
- Tubular push-pull handle.
- Four 5" casters include two swivel, two fixed.
- Baked enamel finish.

Results 1 - 2 of 2

1

CAT. NO. DIMENSIONS

V1525 16"w x 30"d x 32"h

V1530 24"w x 36"d x 32"h

Results 1 - 2 of 2

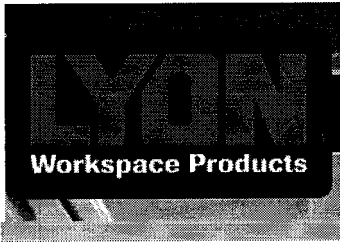
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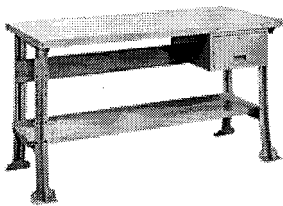
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All Categories > Workspace Solutions > Work Benches & Work Stations > Steel Flared Leg Work Bench > Cat. No. 2407

CAT. NO. 2407, PRE-ENGINEERED STEEL LEG WORK BENCHES



larger image

- Leg Height is 32 1/4" high, add for top thickness.
- Heavy channel steel flared legs provide sturdy base for a variety of bench work tasks.
- Steel cross members welded between each upright add strength and rigidity.
- Base plates punched for f

SPECIFICATIONS

DIMENSIONS

WIDTH
 DEPTH
 HEIGHT
 TOP THICKNESS

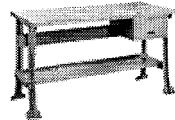
72"w x 28"d x 32-1/4"h
 72 in
 28 in
 32-1/4 in
 1-3/4 in



TOP MATERIAL

Pressed Wood Over Steel
 1-7/8" Thick
 larger image

BENCH LAYOUT



Work Benches with Stringer,
 "Perfect-Fit" Drawer & Shelf
 larger image

COLOR



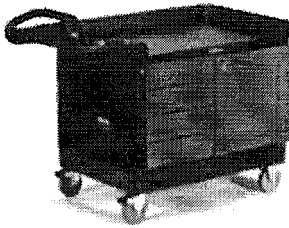
DD - Dove Gray (In Stock)
 larger image



PP - Putty (In Stock)
 larger image

#2856

Rubbermaid, TradeMaster 4533-88 4-Drawer and Cabinet, Small



Easily transport tools and supplies where you need them.

- Durable structural foam construction.
- Low maintenance: rust, dent, and chip resistant.
- Comfort grip, user-friendly handle.
- Molded-in compartments for small parts or tools.
- Full extension, ball bearing drawer slides.
- Single key lock secures all drawers and allows one drawer to open at a time.
- 5" non-marking caster, 2 fixed and 2 swivel with total lock brakes.
- 90% assembled.

Length: 49 in 124.5 cm
Width: 26 1/4 in 66.7 cm
Height: 38 in 96.5 cm
Mass Capacity [Nom]: 750 lb 340.2 kg

To include Hook kit (set of 4)

[About](#)

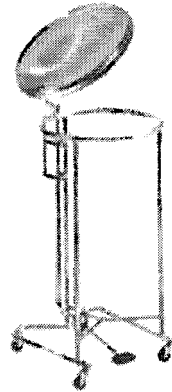
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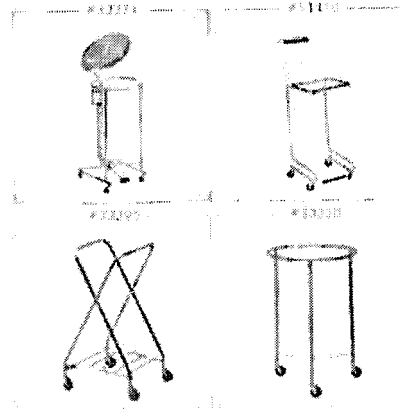
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HAMPERS



- Item #:** #33334
- Description:** - 18" Tilt-Top Round Linen Hamper
- Specification:** - Durable chrome plated steel lid and frame
 - Sturdy four-wheel base
 - Outside diameter: 19"
- Features:** - Step-on pedal for hands-free use
 - Spring loaded lid for easy opening
 - "M" style base for stability
 - 2" rubber wheel, ball bearing casters
- Accessories:** - 18", 10 oz. beige cotton rope style bag (#31331)
 - Plastic bag holder (#34000)
- Shipping Info:** - Seven-day lead time
 - Shipping weight: 21 lbs.
 - Box Dimensions: 27" x 21" x 8"
 - Some assembly required
- Warranty:** - 5 years



Brewer

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3270
Amana®

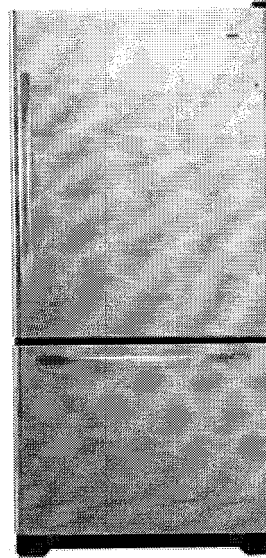
PRINT

Product Details

21.9 cu. ft. ENERGY STAR® Qualified Bottom-Freezer Refrigerator

MSRP*: \$1449.00

Color	Model #
<input checked="" type="checkbox"/> Black	ABB2224WEB
<input type="checkbox"/> White	ABB2224WEW
<input type="checkbox"/> Stainless Steel	ABB2224WES



Dimensions

- Height To Top Of Cabinet: 68 1/2 Inches
- Height To Top of Door Hinge: 69 15/16 Inches
- Depth With Door Open 90 Degree: 62 Inches
- Depth Closed Excluding Handles: 30 7/8 Inches
- Depth Closed Including Handles: 33 3/8 Inches
- Depth Excluding Doors: 28 1/8 Inches
- Width of Cabinet Only: 32 5/8 Inches

Electrical Requirements

15Amps. 60Hz. 120V.

Features

- ENERGY STAR® Qualified
- Reversible Door Swing
- Two Humidity Controlled Garden Fresh™ Crisper Drawers
- Dairy Center
- Adjustable Door Bins
- Slide-Out Upper Freezer Basket
- Temp Assure™ Freshness Controls
- Four Half-Width Adjustable Spillsaver™ Glass Shelves
- Gallon Door Storage
- Deli Drawer
- EasyFreezer™ Pull-Out Drawer
- Glide-Out Wire Freezer Basket with QuickSplit™ Organizer

Warranty

- Limited One Year Warranty - Parts and Labor. For one (1) year from the original retail purchase date, any part which fails in normal home use will be repaired or replaced free of charge. Refer to the Use and Care for warranty details

3272

Amana®

PRINT

Product Details

18.5 cu. ft. ENERGY STAR® Qualified Bottom-Freezer Refrigerator

MSRP*: \$1449.00

Color**Model #**

Black

ABB1924WEB



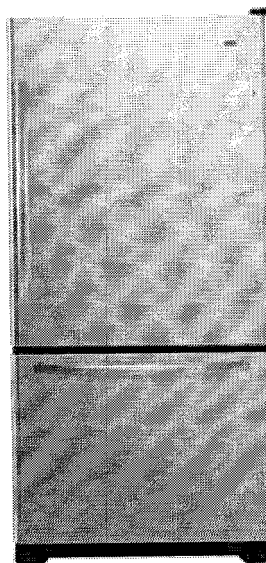
White

ABB1924WEW



Stainless Steel

ABB1924WES



Dimensions

Height To Top Of Cabinet: 65 1/2 Inches**Height To Top of Door Hinge:** 66 15/16 Inches**Depth With Door Open 90 Degree:** 59 Inches**Depth Closed Excluding Handles:** 30 7/8 Inches**Depth Closed Including Handles:** 33 3/8 Inches**Depth Excluding Doors:** 28 1/8 Inches**Width of Cabinet Only:** 29 5/8 Inches

Features

- ENERGY STAR® Qualified
- Reversible Door Swing
- Two Humidity Controlled Garden Fresh™ Crisper Drawers
- Dairy Center
- Adjustable Door Bins
- Slide-Out Upper Freezer Basket
- Temp Assure™ Freshness Controls
- Four Half-Width Adjustable Spillsaver™ Glass Shelves
- Gallon Door Storage
- Deli Drawer
- EasyFreezer™ Pull-Out Drawer
- Glide-Out Wire Freezer Basket with QuickSplit™ Organizer

Warranty

■

Limited One Year Warranty - Parts and Labor. For one (1) year from the original retail purchase date, any part which fails in normal home use will be repaired or replaced free of charge. Refer to the Use and Care for warranty details

Electrical Requirements

15Amps. 60Hz. 120V.

*MSRP is Manufacturer's Suggested Retail Price and may not necessarily be the price at which the product is sold in the consumer's area. Dealer alone determines actual price.

OmniRx[®] TT

#3276

Ideal for operating rooms, cath labs, nursing homes, assisted living centers, and other areas short on space, the OmniRx TT provides automated dispensing of medications in a secure and controlled manner within a flexible, space-efficient system.

Modular, Space-Efficient Design

Measuring just 24.5" high by 26" wide by 23.5" deep, the OmniRx TT facilitates the automated dispensing of medications in areas where space is limited and fewer medications are typically needed. The system fits easily on any counter or table and can be bolted to the surface to provide additional security. The OmniRx TT can also be integrated with Omnicell's auxiliary cabinet options to maintain a single user interface for supply and medication dispensing throughout the facility.

Small Footprint, Large Capacity

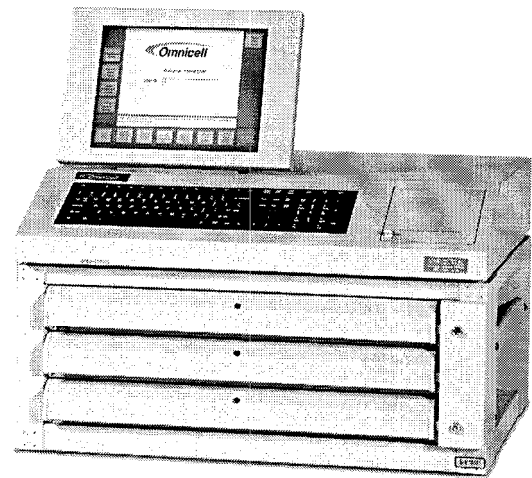
Despite its small size, the OmniRx TT provides plenty of space for medication dispensing. A single system can hold up to 288 items.

Flexible Security Levels

Providing a full spectrum of security options, the OmniRx TT can accommodate a wide variety of drawer types, including the high-security FlexBin Single-Dose Drawer, the high-security locking drawer, the medium-security Sensing Drawer, the Lighted Matrix Drawer, and the Matrix Drawer.

Greater Accountability and Control

The OmniRx TT includes the easy-to-use Omnicell Color Touch graphical user interface. Using this touch-screen technology, users simply enter their user ID and password to access the system. Alternatively, users can use integrated magnetic or optical card readers, or Touch & Go™,



Omnicell's biometric, positive ID system, to gain access to the OmniRx TT. Integrated with the OmniCenter® server, the OmniRx TT provides greater accountability for medications and allows the pharmacy to maintain tight control over narcotics and other sensitive medications.

Specifications

Height: 24.5"
Width: 26"
Depth: 23.5"
Total Footprint: 4.25 sq. ft.
Weight: 115 lbs. (excluding variable drawer weight)

For more information about OmniRx TT, please call (800) 850-6664, e-mail info@omnicell.com, or visit www.omnicell.com.

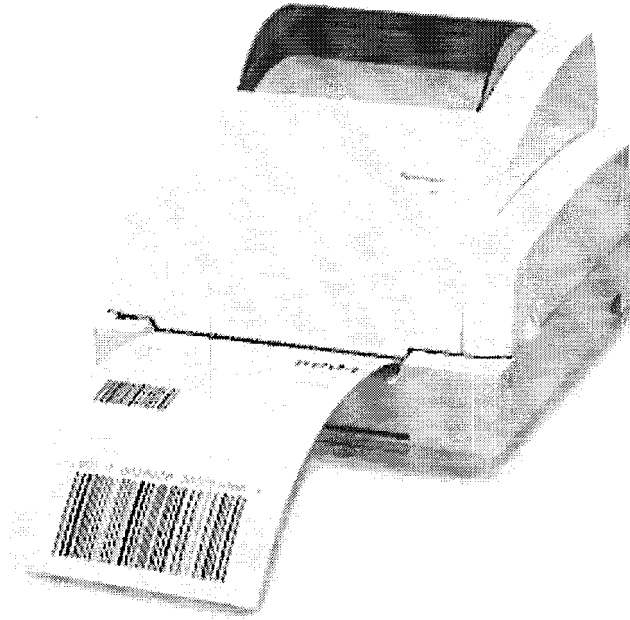
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3931

Intermec



Product Profile



- **Robust Options**
The 7421 delivers a feature rich option set at an attractive price not found on other printers.
- **Small Footprint**
Compact size and low 4 lb. weight, makes the 7421 ideally suited for restricted desktop applications.
- **IPL Compatible**
Intermec's powerful IPL3™ printer language comes standard with the 7421 and allows for effortless integration with existing Intermec IPL™ printers.
- **Expanding Uses**
Economical price allows 7421 users to increase productivity by exploring new uses and applications in label printing.

EasyCoder® 7421 PRINTER

Designed for use as an on-demand printer in distributed environments. Crowded front office or restricted counter operations will value the 7421's small size and light weight. Intermec 7421 users will quickly discover additional increases in productivity through new applications in bar coding, installation of multiple printers where frequent label size changes are required or printing closer to the point of label application through the use of several printers at multiple stations.

A host of options are available such as auto-peel for dispensing labels with backing material removed, cutter, expandable memory to 4 Mb Flash, reflective sensor for use with black mark labels and external battery pack for applications requiring portability. The

7421 connects to computers via RS-232 or parallel interfaces or to networks using external ethernet devices powered by the 7421's bi-directional parallel interface.

Getting up and running with the 7421 is simple and quick. Intermec's PrintSet™ system makes printer set up and configuration easy, even for non-technical users. Users of other Intermec printers will enjoy the 7421's IPL3 compatibility with earlier versions of IPL and 86XX emulations.

The expansive feature set and affordable price, and IPL3 compatibility provides a perfect solution for the most demanding applications.

Intermec

General

Direct Thermal and Thermal Transfer Printer for self-adhesive label, ticket and tag applications. Auto-peel and cutter optional.

Model

EasyCoder 7421

Physical Characteristics

Depth: 246 mm (9.7")
Height: 170 mm (6.7")
Width: 200 mm (7.9")
Weight: 1.81 kg (4 lbs.)

Print Specifications

Thermal Transfer or Direct Thermal Printing
Print speed: 51 mm per second (2" per second)
Resolution: 8 dots per mm (203 dots per inch)
Maximum Print Width: 104mm (4.09")

- Bar codes printed with or without human readable text
- Inverse and mirror image print
- Direct graphics

Media Specifications

Style: Roll-feed, die-cut, continuous or fan-fold labels, tags or tickets
Type: Plain paper thermal transfer or thermal sensitive papers
Maximum Media Width: 118 mm (4.65")
Minimum Media Width: 28 mm (1.12")
Maximum Media Length: 203 mm (8.0")
Minimum Media Length: 9.7 mm (0.38") or 12.7 mm (0.5") when using label present sensor
Thickness (Including Liner): .06 mm to .25 mm (.003" to .010")
Supply Roll Capacity: 127 mm (5.0") max O.D. on a 25.4 mm (1") I.D. core. Media length is approximately 39 m (130')

Ribbon Specifications

Types: Wax, wax/resin, resin
Standard Widths: 33 mm, 64 mm, 84 mm, 109 mm (1.3", 2.5", 3.3", 4.3")
Length: Lengths for a 1:2 ratio of labels vs. ribbons, 91 m (300')
Ribbon Roll Capacity: 35.3 m (1.39") max. O.D. on a 12.5 mm (.5") I.D. core. Ribbon length approximately 91 m (300')
 Other widths available on a customer order basis

Font Specifications

- International character sets standard
- 24 standard fonts
- All fonts are expandable vertically and horizontally
- Fonts can be printed in four directions: 0°, 90°, 180°, and 270°

Language

IPL3, IPL2, and supports 86XX emulations

Connectivity

- Serial interface standard
- Centronics Parallel interface standard
- External Ethernet interface optional
- External IBM Twinax or Coax interface optional

Software

- LabelShop™ START label design and print software
- Intermec InterDriver™ standard Windows 3.x, 9x, NT 4.0/5.0, Windows 2000
- Intermec ActiveX® controls standard Windows 9x, NT 4.0/5.0
- PrintSet™ printer configuration utility Windows 3.x, 9x, NT 4.0/5.0
- NetPilot™ + Thin Wizard™ network configuration utility (with optional Ethernet) Windows 9x, Windows NT 4.0/5.0

*** Communications Interface**

- Parallel and RS-232C (DB-9) with software selectable rates of 1200 to 19,200 baud
- XON/XOFF, CTS/DTR handshaking
- Programmable 7 or 8 data length, 1 or 2 stop bits, selectable parity

Character Sets

- Bitmapped using printset: All single-byte codepage; All double byte codepage.
- Code page 850, French, German, ISO 256 character, Italian, Norwegian/Danish, Spanish, Swedish/Finnish, Swiss, UK ASCII, USA ASCII

*** Power Supply**

External power supply: 100-240 V AC Single phase 60/50 Hz at 2.5 Amps Max.
Printer: 20 VDC at 2.5 Amps

Environmental

Operating Temperature:

5° to 40°C (40° to 104°F)

Storage Temperature:

-20° to 60°C (-4° to 140°F)

Humidity: 10° to 90% noncondensing

Ventilation: Free air

Bar Code Symbolologies

Code 11, Code 39, Extended Code 39, Code 93, Extended Code 93, Code 128 UCC, Code 128, Codabar, Interleaved 2 of 5 UPC-A, UPC-E, 2 and 5 digit add-on, UPC Shipping container code, EAN-13, EAN-8, 2 and 5 digit add-on, EAN-128, Postnet 2-D: Code One, Code 16K, Code 49, DataMatrix, MaxiCode, PDF417, QR Code

Regulatory Approvals

Complies with FCC Part 15, Class A; CISPR 22 Class B; ICES-003 Class B; UL, CSA and TÜV-GS agency approved; CE, NOM & C-TIC

Options

Cutter, Black mark sensor, Flash memory expansion (1 MB or 4MB), External battery pack, Label auto-peel

North America

Corporate Headquarters
 6001 36th Avenue West
 Everett, Washington 98203
 tel: 425.353.2600
 fax: 425.355.9551

Systems & Solutions
 590 2nd Street S.E.
 Cedar Rapids, Iowa 52401
 tel: 319.536.3100
 fax: 319.360.3453

Media Supplies
 9290 Le Saint Drive
 Fairfield, Ohio 45014
 tel: 513.874.5617
 fax: 513.874.8427

Europe/ Middle East & Africa

Headquarters
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 Vastern Road
 Reading, Berkshire RG1 8BT
 United Kingdom
 tel: +44.118.937.9400
 fax: +44.118.937.3401

Gothenburg
 Idrottsvägen 10
 PO Box 123
 SE-431 22 Fällöland
 Sweden
 tel: +46.31.869500
 fax: +46.31.869595

Asia/ Latin America

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 Times Square
 1 Matheson Street
 Causeway Bay
 Hong Kong
 tel: 852 25743777
 fax: 852 25749723

Singapore
 25-16 International Plaza
 10 Anson Road, 059045
 tel: 65.324.8391
 fax: 65.324.8393

Australia
 Level 7, 200 Pacific Highway
 Crosses Nest NSW 2065
 Australia
 tel: 61.2.9501.2965
 fax: 61.2.9954.6300

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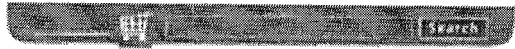
Internet
www.intermec.com

Sales
 800.347.2675
 (toll free in N.A.)
 tel: 425.348.2726

Service and Support
 800.755.5595
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 tel: 425.352.1793

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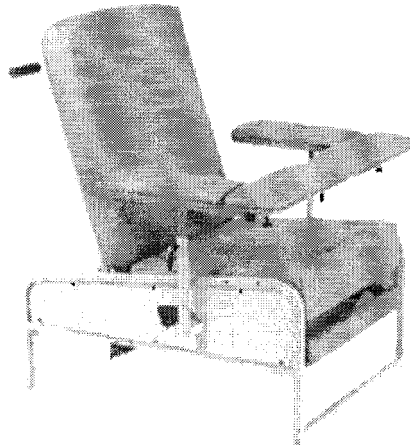


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**Recliner
VM5000-LXL**

#5242



- Added Items:
- 20" Standard Seat Height
 - 25" Extra Wide Seat
 - Twin Flip-Up "L" Arms
 - Arms Recline Back with Patient
 - 350 lbs. Patient Weight Capacity

The VM5000-LXL series features an extra wide 25" plush upholstered seat. The extra 5" will provide maximum comfort for your larger patients. There are three versatile positions: upright, recline and full recline. The VM5000 series is equipped with fully adjustable padded armrests that recline as the patient reclines. You can add an electric motor and recline your patients even easier with merely a touch of a button. The VM5000-LXL standard height chair provides a 20" seat to floor height and the ERGO style VM5000-LXL/XT provides a 25" seat to floor height that can be obtained with or without casters.

40 Vinyl Colors To Choose From!



Price: \$1,250.00

Dimensions: Overall 38" W x 67" D

Quantity: 1

More options Than Anyone!

	A5000-USA	Upholstered Straight Arms	\$0.00
	A5000-FT	Folding Side Trays	\$175.00
	A5000L-AT	Storage Tray	\$99.00
	A5000R-AT	Right Storage Tray	\$99.00



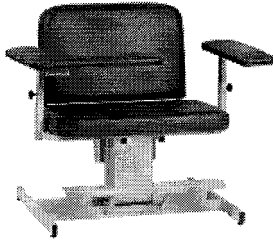
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ELECTRIC #5243

**Power Blood Draw Chair
1202-LXL/AP**



At A Glance

- Fully Upholstered
- 8" Adjustable Seat Height
- 8" Adjustable Arm Height
- Extra Wide Padded "L" Arms

Dimensions

Seat Height	21"-29"
Inside Arm Width	30"
Weight Capacity	450 Lbs
Overall Dimensions	44"W x 29"D

More images



Downloads

- 1201 vs 1202 series
- chair reset

The 1202-LXL/AP replaces the 1201-LXL/AP

Power Chair- We have taken height adjustable blood draw chairs to a whole new level. By depressing the foot switch the 400 lb rated actuator effortlessly and silently will raise and lower your patient from 18" to 34" seat height. The Hospital approved plug requires a standard 110V outlet.

Price: \$2,199.00

More Options than Anyone



Buy Direct From The Manufacturer! ...and save!

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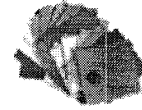
**Blood Draw Chair
1201-LXL/XT**



- Added Items:
- Fully Upholstered
 - 25" ERGO Seat Height
 - Extra Wide 30" Patient Width
 - 600 lbs. Patient Weight Capacity

Our Bariatric series chairs are built to safely accommodate your larger patients needs or parents with children. The 1201-LXL series and the 1201-SXXL series have 10" and 15" of additional seating area respectively. The chairs feature a fully upholstered seat and back for comfort and are upholstered in a commercial grade vinyl fabric. The fully adjustable arms on the 1201-LXL series have two flip-up arms for patient safety and easier vein puncture. The 1201-SXXL series feature heavy duty straight arms to help support the largest patients.

40 Vinyl Colors To Choose From



Price: \$999.00

Dimensions: Overall 44" W x 29" D

Quantity: 1

More options Than Anyone!

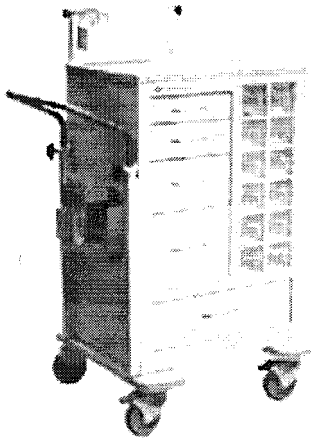
	A1201-USA	Upholstered Straight Arms	\$0.00
	A1201-LSA	Laminated Straight Arms	\$25.00
	A1201L-AT	Left Storage Tray	\$119.00
	A1201R-AT	Right Storage Tray	\$119.00

Phlebotomy/Specimen Collection Cart

5325

FEATURES and BENEFITS

- These multipurpose carts are made out of a combination of steel, aluminum, and plastic to create a lightweight solution that is still very sturdy.
- Removable ABS plastic molded top.
- Now includes gatelock for security!
- The 3 and 4 inch drawers act as tray holders for removable dividers. We include these customizable divider trays in each cart.
- Ergonomic push handle.
- 12 clear plastic tilt bins built into the front of the cart that conveniently show their contents for fast and easy access.
- Toss away waste into the pass-through sharps container that locks inside the cart or into the built-in tilt-out waste bin (see below).
- Also includes a glove box holder and side mounted paper holder.
- 5" Premium easy roll casters. (1) full swivel, (2) swivel w/ brake, (1) swivel w/ tracking.
- Stabilizer Base with high impact, non-marking plastic bumper to add stability and help keep cart from tipping.



MPH01WMLP2

Dimensions:

Overall: 26"W x 18"D x 43.25"H

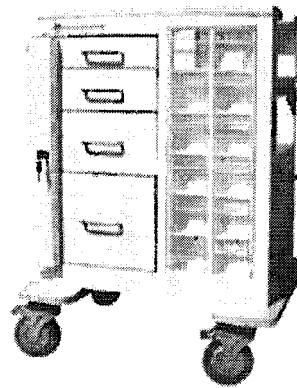
Drawers:

(1&2) 10.60" W x 16.64"D x 2.5"H

(3) 10.60" W x 16.64"D x 5.5"H

(4) 10.60" W x 16.64"D x 9"H

(5) 23.37"W x 16.64"D x 5.85"H



MPH01WMLP1

Dimensions:

Overall: 26"W x 18"D x 37.25"H

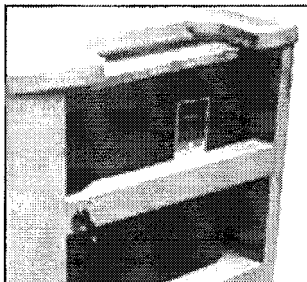
Drawers:

(1&2) 10.60" W x 16.64"D x 2.5"H

(3) 10.60" W x 16.64"D x 5.5"H

(4) 10.60" W x 16.64"D x 9"H

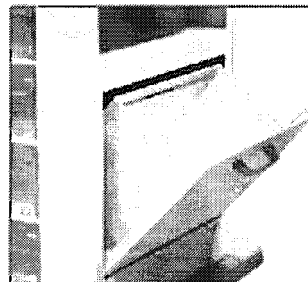
Treatment & Procedure



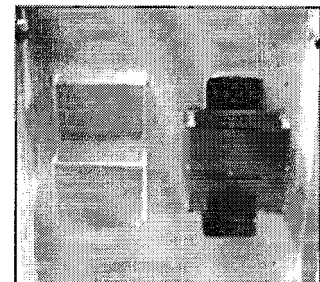
Unique lockable area to hold sharps container.



Built in drawer dividers for easy removal and cleaning.



Tilt out waste bin.



Paper holder & glove box holder.

5700

CARESTREAM DRYVIEW 6850

Laser Imager

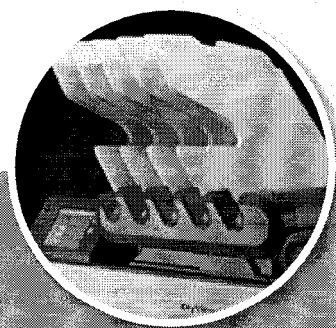
Superior quality. High performance. Easy to use.

The CARESTREAM DRYVIEW 6850 Laser Imaging System delivers exceptional performance and superb image quality for diagnosis, image sharing and film archiving. It prints from a full range of modalities, including computed radiography and full-field digital mammography.

This high-speed laser imager delivers up to 200 films per hour with super-sharp 650 ppi resolution on every size film. Three film drawers accommodate five film sizes for on-demand printing and an optional five-bin sorter enables easy retrieval of films by modality. The printer's compact size simplifies convenient placement.

An intuitive user interface includes a built-in training video and help button for quick answers to operational questions. Available CARESTREAM REMOTE MANAGEMENT SERVICES proactively inform customers of potential service issues.

A product of Carestream Health's leadership in medical printing, the versatile and affordable DRYVIEW 6850 Laser Imager uses proven technology to deliver the high-quality results you need—quickly, easily and reliably.



Superb image quality

- Images are printed with high-resolution 650 ppi, meeting the spatial resolution needs of digital mammography.
- Automatic Image Quality Control (AIQC) uses a built-in densitometer to maintain film-to-film consistency; configurable to meet users' needs.

The speed you need

- Time to first print—just 60 seconds.
- Films per hour—up to 200.
- Smaller sizes faster.

Choice of film sizes

- Print on five film sizes 8 x 10 in. (20 x 25 cm), 10 x 12 in. (25 x 30 cm), 14 x 14 in. (35 x 35 cm), 14 x 17 in. (35 x 43 cm)—including 11 x 14 in. (28 x 35 cm), which is ideal for CR and DR.
- Load any of five film sizes in the imager's three film drawers for on-demand printing.

Ease of operation

- A multilingual touch-screen user panel features an instructional video to simplify installation, operation and user training.
- Film cartridges load easily in full daylight. Each cartridge holds 125 film sheets to minimize loading frequency.
- An optional five-bin top-mounted sorter provides quick access to desired patient films, by modality.

Simplified installation

- An installation guide in the user interface provides clear, detailed instructions using video.
- Space-saving, ergonomic design fits easily into most work areas.

Minimized maintenance

- DRYVIEW technology does not use thermal print heads. No daily or weekly maintenance is required on print heads or film transport rollers.

Broad printing capability

- Print from CR, DR, CT, MR, US, NM, PACS, digital fluoroscopy, full-field digital mammography (FFDM) and other grayscale film applications.
- One imager can serve multiple modalities requiring quick access to patients' studies.
- Ideal for CR-to-print applications.

Mammography printing

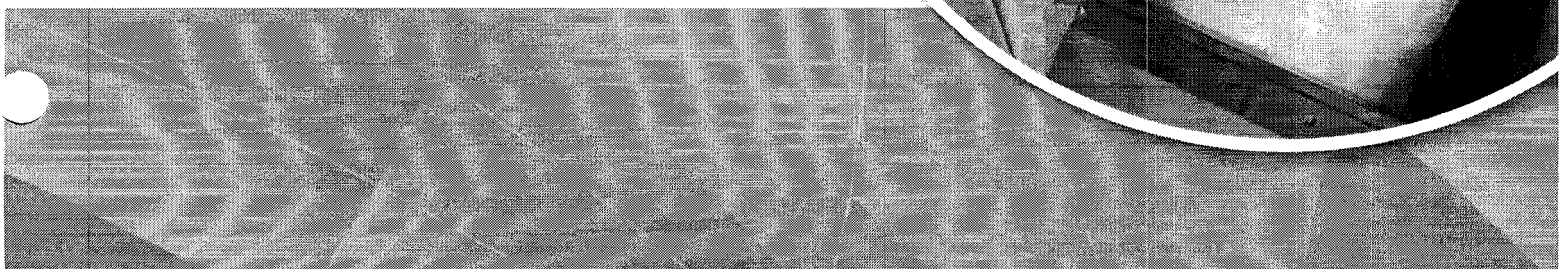
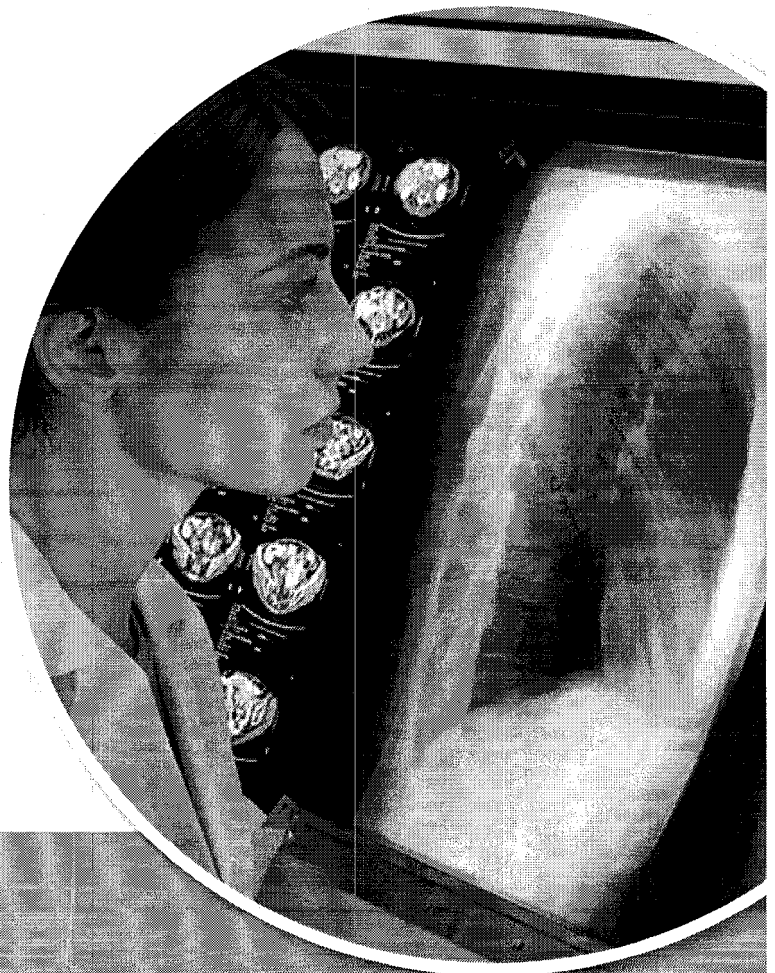
- Print high-quality images from mammography CR systems or FFDM systems.
- Supported with DRYVIEW Mammography Laser Imaging Film.

Web monitoring

- CARESTREAM Remote Management Services proactively monitor printer status via the Web, allowing for faster service response time.
- Both Carestream Health technicians and the user are notified if service is needed; ensures high performance and reliable long-term operation.

Count on Carestream Health

- CARESTREAM DRYVIEW Laser Imagers deliver proven performance and earn consistently high customer satisfaction ratings.
- DRYVIEW Laser Imagers offer broad connectivity, exceptional image quality and proven reliability.
- More than 1,700 Carestream Health professionals are dedicated to world-class service and support.



Product Specifications

Description

- CARESTREAM DRYVIEW 6850 Laser Imager

Technology

- Photothermographic (dry laser)

DRYVIEW laser imaging quality

- True laser technology
- 650 pixels per inch, 39 micron laser spot spacing
- 14-bit pixel depth architecture

Throughput

- Time to first print: 60 seconds
14 x 17 in. (35 x 43 cm)
- Up to 160 films per hour
14 x 17 in. (35 x 43 cm)
- Smaller sizes faster

DRYVIEW Laser Imaging Film

- Blue or clear 7-mil polyester base
- Daylight-load film cartridges
- 125 sheets/cartridge
- Lifetime (100+ years) film archivability (oncology, mammography, pediatrics, etc.)
- Printed film images with a standard Dmax of 3.3

DRYVIEW Mammography Laser Imaging Film

- Daylight-load film cartridges
- 125 sheets/cartridge
- Lifetime (100+ years) film archivability
- Enables higher Dmax images
 - ≥ 3.6 Dmax with DVM film
 - ≥ 4.0 Dmax with DVM+ film
- Available in 8 x 10 in. (20 x 25 cm), 10 x 12 in. (25 x 30 cm) and 11 x 14 in. (28 x 35 cm) sizes

Choice of film sizes

Each of three film drawers holds any of the following sizes online:

- 14 x 17 in. (35 x 43 cm)
- 14 x 14 in. (35 x 35 cm)
- 11 x 14 in. (28 x 35 cm)
- 10 x 12 in. (25 x 30 cm)
- 8 x 10 in. (20 x 25 cm)

Optional film sorter

- 5-bin sorter holds up to 50 film sheets in each bin

Automatic Image Quality Control (AIQC)

- Configurable to meet user needs
- Ensures consistency from film to film

✦ Network connectivity

- Integrated interface supports printing from DICOM print modalities
- Connect non-DICOM modalities using PACS Link Medical Image Managers

✦ Network connection

- 10/100/1000 (supports jumbo frame) BaseT Ethernet connection to imager
- Network connection via CAT5 UTP cable terminating in an RJ-45 plug

DICOM SOP Classes supported*

- Basic Grayscale Print Management Meta SOP Class
- Color Print Management Meta SOP Class
- Presentation LUT SOP Class
- Basic Annotation Box SOP Class
- Verification SOP Class

✦ Dimensions/weight

- Height: 45.1 in. (114.6 cm)/58.6 in. (148.8 cm) with sorter
- Width: 29 in. (73.7 cm)
- Depth: 25 in. (63.5 cm)
- Weight: 587 lb (267 kg)/632 lb (287 kg) with sorter

✦ Power

- Universal power
- 100–240 VAC; 50/60 Hz; maximum 15 amps

✦ Operating environment

- Temperature: 59 to 95°F (15 to 35°C)
- Humidity: 20 to 85% RH, non-condensing
- Magnetic field: < 50 Gauss
- Altitude: –100 to 10,000 ft

✦ Environmental effects

- Heat dissipation: maximum of 4,800 BTU/hour
- Floor load: weight 560 lb (255 kg), 120 lb/sq ft

User interface

Touch-screen display panel used for:

- Installation and additional modality connections
- Image quality optimization
- User training and operational instructions
- Troubleshooting and corrective action
- Languages supported: Simplified Chinese, English, Japanese, Korean, French, German, Italian, Spanish, Portuguese, Turkish, Russian, Polish

www.carestreamhealth.com

DIAGNOSTICPRO[®] Advantage

5701
E.C

For PACS & Remote Primary Diagnosis

The VIDAR Advantage

VIDAR Systems Corporation — the recognized leader in film digitizing technology — offers the VIDAR DiagnosticPRO[®] Advantage Film Digitizer. VIDAR again has raised the bar with its new Advantage product platform by achieving better overall performance than any other digitizer on the market.

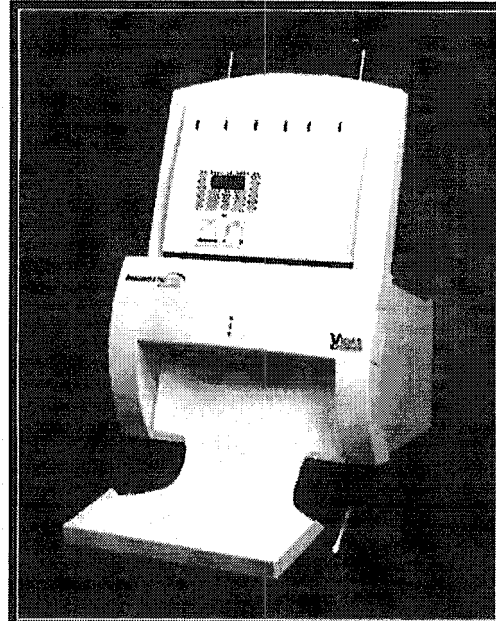
VIDAR's DiagnosticPRO Advantage film digitizer has achieved the highest reliability, image quality, consistency, and best overall productivity than any other digitizer on the market.

Technology Advantage and Innovation

The next generation DiagnosticPRO Advantage has a number of technological advances that will provide customers with increased "up-time", resulting in improved productivity and revenues. Higher speed, image quality, and reliability are just some of the new features of the DiagnosticPRO Advantage. With a Mean Time Between Failure (MTBF) rate of $\geq 50,000$ hours, a modular film feeder, and a field replaceable LED illuminator system, these technical advances have resulted in the highest reliability of any digitizer on the market. A number of patents have been filed based on these technical innovations that have set a new standard in medical film digitizer performance.

In addition to a higher level of image quality and more consistency, the DiagnosticPRO Advantage has been designed for increased speed. It digitizes film two times faster than previous models and will digitize up to 25 mixed-sized films in batch mode, allowing more productivity and greater efficiency — key benefits for radiology department personnel. The DiagnosticPRO Advantage features the company's proprietary High Definition CCD (HD-CCD[®]) technology, and incorporates a substantially more sophisticated HD-CCD array and digital electronics design. Also, the unique ADC (Automatic Digitizer Calibration) prompts the film digitizer to calibrate automatically before every film digitized, and eliminates the need for user intervention for this operation. VIDAR's ADC feature results in virtually no variation in image quality and ensures excellent grayscale reproduction in every image.

The DiagnosticPRO Advantage, with its high-resolution capabilities (44.5 microns), provides the ability to digitize mammography films, and offers larger spot size options



for digitizing general radiographic, CT, MR, ultrasound, and nuclear medicine films. The DiagnosticPRO Advantage exceeds the American College of Radiology Teleradiology Practice Guidelines. In addition, VIDAR offers the only 32-bit data path in the industry to maximize grayscale accuracy and performance.

Exceptional Consistency — Proven Reliability

Unlike other digitizers that require biannual calibration or cleaning, VIDAR digitizers need no maintenance or calibration, saving nearly \$2,000 annually. The straight-line film path reduces the need for costly service calls due to film jams, and VIDAR digitizers have a MTBF of more than five years.

The company's sole focus is on serving its customers, and a premier customer service department supports VIDAR digitizers. VIDAR works hard at customer satisfaction, and customers have responded enthusiastically.



VIDAR
systems corporation
The Image of Reliability

DIAGNOSTICPRO[®]

Advantage

Nominal Resolution	Pixels (14"x17" film)	Spot Size (um)	DPI	Line pairs Per mm	Digitizing Speed
2K x 2.5K*	2002 x 2431	170	150	3	12 Seconds
4K x 5K	3990 x 4845	85	300	6	24 Seconds
Mammography film: 18 cm x 24 cm					
4K x 5K	4104 x 5472	44	570	11	20 Seconds

*ACR Standard for Teleradiology Guidelines [Revision 35 (1998)] recommends 2.5 line pairs/mm minimum

Clinical Optical Density Range	.05 to 4.0
Bit Depth	32-bit mapped to 12-bit (4096) and 8-bit (256) grayscale output
MTBF	>50,000 hours
Film Sizes	Width: 7" to 14" (18 cm to 35.6 cm) Length: 8" to 17" (20 cm to 43 cm) Single film mode: a min. length of 6" (15 cm), max. length of 51" (129.5 cm) can be accommodated in single film mode only with maximum resolution of 300 DPI
Auto Film Feeder	Standard 25-film capacity (mixed sized – no presorting necessary) "Light Box" loading: head-up, normal reading, left justified
Translation Tables	Linear OD
Geometric Accuracy	Better than 1% or 2 pixels, whichever is greater, in both axes
Scan Rate	200 lines/second
Hardware Interface	USB 2.0
Software	Windows [®] scanning modules and software development tools available
Power Requirements	 Voltage: 85~264 Vac Frequency: 47~63 Hz Power: ≤100 Watts
Operating Environment	50° to 95° F (10° to 35° C), 20% to 85% relative humidity, non-condensing
Storage Environment	0° to 140° F (-18° to 60° C), 20% to 85% relative humidity, non-condensing
Illuminator	LED illuminator; >500,000 scans
Detector	Solid-state, next-generation High Definition CCD (HD-CCD [®])
Dimensions	 With Feeder & Exit Tray: 19" W x 23" D x 29.25" H (483mm x 584mm x 743 mm) Without Feeder & Exit Tray: 19" W x 14.25" D x 16.5" H (483mm x 362mm x 419mm) Shipping: 24" W x 29" L x 24" H (610mm x 737mm x 610mm)
Weight	45 lbs. (21kg); shipping weight: 60 lbs. (27 kg)
Certifications	CE-MDD 93/42/EEC Class 1; CAN/CSA C22.2 No 601.1-M90; Health Canada Class II; Japan-MHW; SFDA; KFDA; FCC Class A; EN 60601-1-2; IEC 60601-1; IEC 60950; ISO 9001:2000; ISO 13485:2003

Specifications are subject to change without notice

365 Herndon Parkway
Herndon, VA USA 20170
www.filmdigitizer.com

Phone: +1.703.471.7070
Toll-Free: 1.800.471.7226
Fax: +1.703.471.7665

VIDAR
systems corporation
The Image of Reliability

VIDAR, DiagnosticPRO Advantage and HD-CCD are registered trademarks of VIDAR Systems Corporation. All other product names are registered marks of their respective parent.

VIDAR Publication PN 15787-001, Rev I, April 2008

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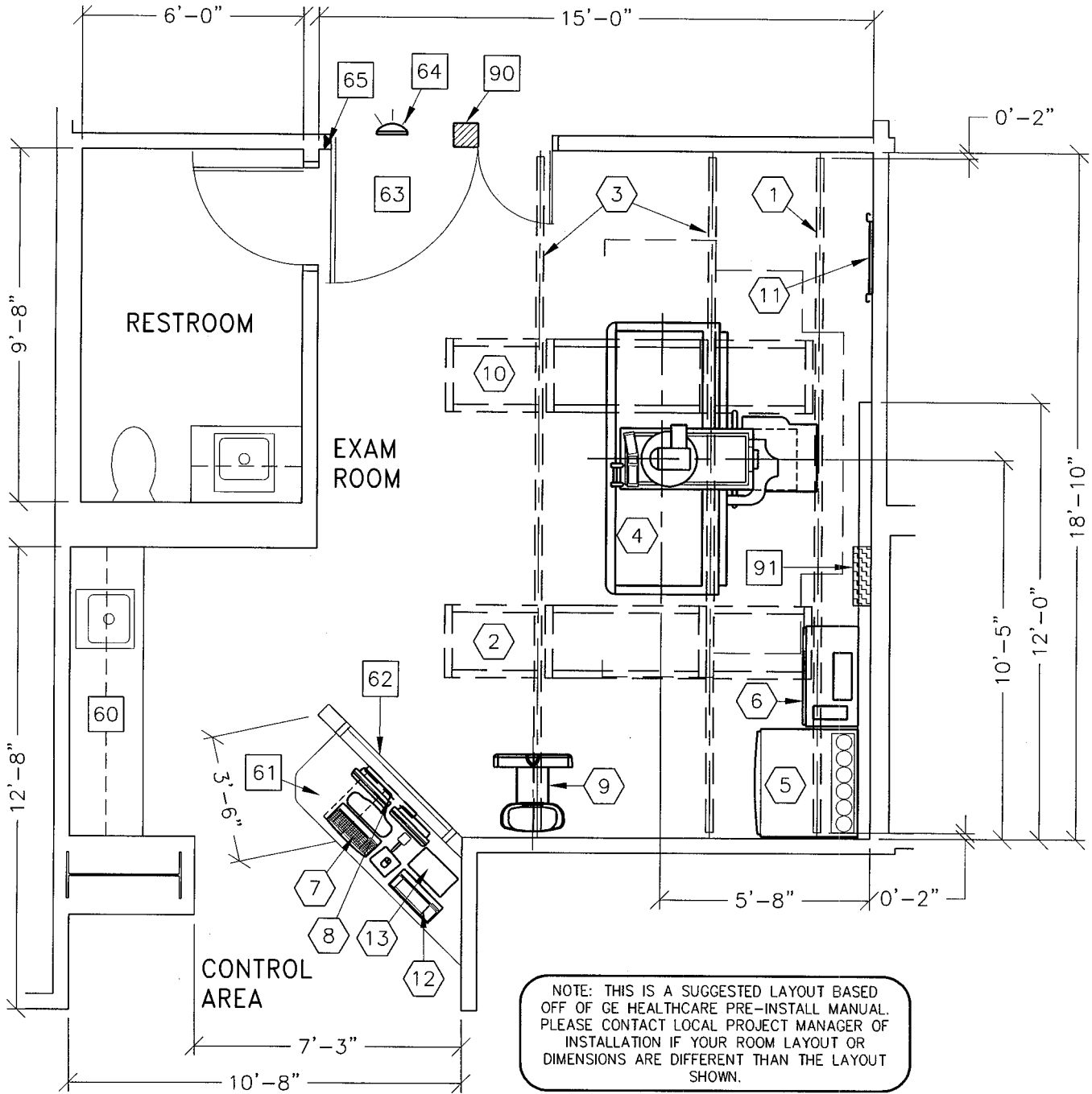


GE Healthcare Technologies

INSTALLATION SERVICES DESIGN CENTER 14.Oct.11, REVISION 6

SECTION 2 PAGE 2-58

PRECISION 500D W/ MAGIC PC/ SG-80



ROOM DIMENSIONS	LENGTH & WIDTH	CEILING HEIGHT
MINIMUM:	16'-6" x 12'-6" [5.03m x 3.81m]	9'-0" [2.74"]

SEE APPENDIX "A" FOR POWER SPECIFICATIONS

ROOM PLAN LOCATED ON PAGE 2-58

ITEM	QUANTITY	ITEM DESCRIPTION	WEIGHT	HEAT OUTPUT
①	1	CABLE DRAPE RAIL.	68 lbs	
②	1	XT RADIOGRAPHIC SUSPENSION WITH INBOARD MOUNTING.	559 lbs	501 btu
③	2	LONGITUDINAL STATIONARY RAIL FOR XT SUSPENSION	138 lbs	
④	1	PRECISION R&F TABLE WITH INTELLIGENT DIGITAL DEVICE	3443 lbs	426 btu
⑤	1	SYSTEMS CABINET	881 lbs	2457 btu
⑥	1	POSITIONER CABINET	685 lbs	3412 btu
⑦	1	OPERATORS CONSOLE	74 lbs	1235 btu
⑧	1	IUI ACCESSORY ASSEMBLY	15 lbs	
		<u>OPTIONS:</u>		
⑨	1	SG-80 CHEST UNIT WITH KNEE EXTENSION	427 lbs	
⑩	1	ONE LCD MONITOR SUSPENSION ON XT INBOARD BRIDGE	282 lbs	68 btu
⑪	1	TABLE ACCESSORY RACK	90 lbs	
⑫	1	DVD RECORDER KEYBOARD	2 lbs	
⑬	1	DVD RECORDER	13 lbs	
60		COUNTER TOP WITH SINK, BASE AND WALL CABINETS		
61		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.		
62		CONTROL WALL, 7 FT. HIGH WITH LEAD GLASS VIEWING WINDOW.		
63		MINIMUM DOOR OPENING FOR EQUIPMENT DELIVERY IS 44 IN. W x 83 IN. H [1118mm x 2108mm], CONTINGENT ON A 96 IN. [2438mm] CORRIDOR WIDTH		
64		X-RAY ON WARNING LIGHT - AVAILABLE FROM GE SUPPLY CALL: 800-200-9760 GE CAT. NO. WXIABWW-DF-XIU		
65		DOOR LIMIT SWITCH (NEEDED ONLY IF REQUIRED BY STATE/LOCAL CODES)		
90		X-RAY ROOM WARNING LIGHT/ROOM LIGHTING CONTROL PANEL REFERENCE JUNCTION POINT 'XRLC' ON SHEET 'E1' FOR DETAILED DESCRIPTION -CAT. NO. E4502SS FOR WARNING LIGHT & ROOM LIGHT CONTROL.		
91		80 AMP - MAIN DISCONNECT, REFERENCE JUNCTION POINT 'A' ON SHEET E1 FOR DETAILED DESCRIPTION. CAT. NO. E4502ST OR WITH AUTO RESTART E4502RP. (20 W x 48 H x 6.68 IN. D) [110AMP MAIN DISCONNECT E4502RS OR AUTO RESTART E4502SA ALSO AVAILABLE.]		

ENVIRONMENT

Ambient Operation Temperature: 55-75° (F)
 Allowable Temperature Change: 15° (F) per hour
 Humidity: 20-80 percent non condensing
 Allowable Humidity Change: 10 percent per hour
 Max - Altitude: 8000 ft. above sea level

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

These drawings indicate the placement and location of the listed equipment and the listed equipment components. These drawings are prepared and owned by GE Healthcare and are provided for your information only. GE Healthcare is not responsible for ultimately preparing the specifications for the operation of the equipment in operation of which GE Healthcare is not responsible. GE Healthcare is not responsible for specific state, and/or local requirements.

* REQUIRED REFERENCE *

Precision 500D with Magic PC, Wireless DR Imaging Option
Pre Installation Manual

5181746-100, 5397208-8EN

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



R/F 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>Before using this document, ensure you have the latest Rev from MyWorkshop on DO0422752</p> <p>GEHC Global Order #: _____ Customer: _____</p> <p>GEHC P#M: _____ FE / Installer: _____</p> <p>The customer is responsible for proper site preparation regardless of any GEHC measurements/inspections/assessments.</p>					
Inspection Date:					
GEHC Minimum Requirements					
	Storage (is room ready?)	P#M (is room ready?)	FE (is room ready?)		Comments (if "N", enter comments or action plan)
1					Magnet Delivery Requirements: Ensure cryogen venting system is available for magnet to receive as defined by GEHC. Pre-installation Manual (PIM) measurements, unless 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					RF Screen Room Requirements: RF Screen Room is tested with copy of Test Report, emailed to: isadmin@gehealthcare.com , that is compliant with GEHC specifications. Duct Seals and magnet anchors (if applicable) installed using 2 part anchors. For HDR systems, blowers in duct belts installed by RF vendor using 2 part anchors.
3					State Regulatory Requirements: Facility registration number provided for states of <u>IL, IN, MI, RI, SC, TN, VA</u> . X-ray shielding plan and state acknowledgment letter provided to installer for <u>AR, DC, NC, SC, SD, VA, WA</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/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 communication/notification have occurred. Arrangements have been made for special handling (elevator, rigging, floor protection, fork lift, rollback truck, etc).
7					Shielded Room Requirements: Rooms that will contain equipment, including storage area, not in open areas. All walls, primed (final 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 P#M requirements for storage.
8					Electrical Requirements: To cable (LTO) from Disconnect Panel (MDP) is installed per GE guidelines and system power is available. Cables, electrical cable ducting/divers cable trays, and access flooring is installed in proper location and height. Surface floor duct and lead-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 space/P#M 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 exposed on ceiling surfaces. Ceiling grid is installed. Permanent lighting is installed and operational. HVAC diffusers are installed and connected to ductwork. Ceiling tiles installed per P#M installation.
12					Staging Requirements: Space has been identified to support the active installation process only. This area meets P#M/project book requirements.
13					Storage space has been identified, if needed. This secured space would be used to store equipment indefinitely. If offsite, transportation plan has been developed at customer expense. This space must meet P#M 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 DR units have been completed.
15					Medical Cases Requirements: Systems (hard piped or portable) in place to allow testing and calibration of equipment (e.g. shield), including ventilation.

GE Healthcare

Head Office: 8800 West Higgins Road, Milwaukee, WI 53234
 Design Center: 10000 Wisconsin Avenue, Minneapolis, MN 55426
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SHEET TITLE: SITE READINESS
 MODALITY TYPE: PRECISION 500D

THIS PLAN IS SUBMITTED TO SUBJECT 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. THIS PLAN IS NOT TO BE USED FOR CONSTRUCTION PURPOSES. THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE: TYPICAL FINAL DRAWINGS
 2-58F

PROJECT	REVISION
2-58F	00
DATE:	20.Sep.12
DRAWN BY:	JLT
CHECKED BY:	JDR

REVISION HISTORY:

SHEET
C1

PIM R11/R1
 RQ - 130122

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

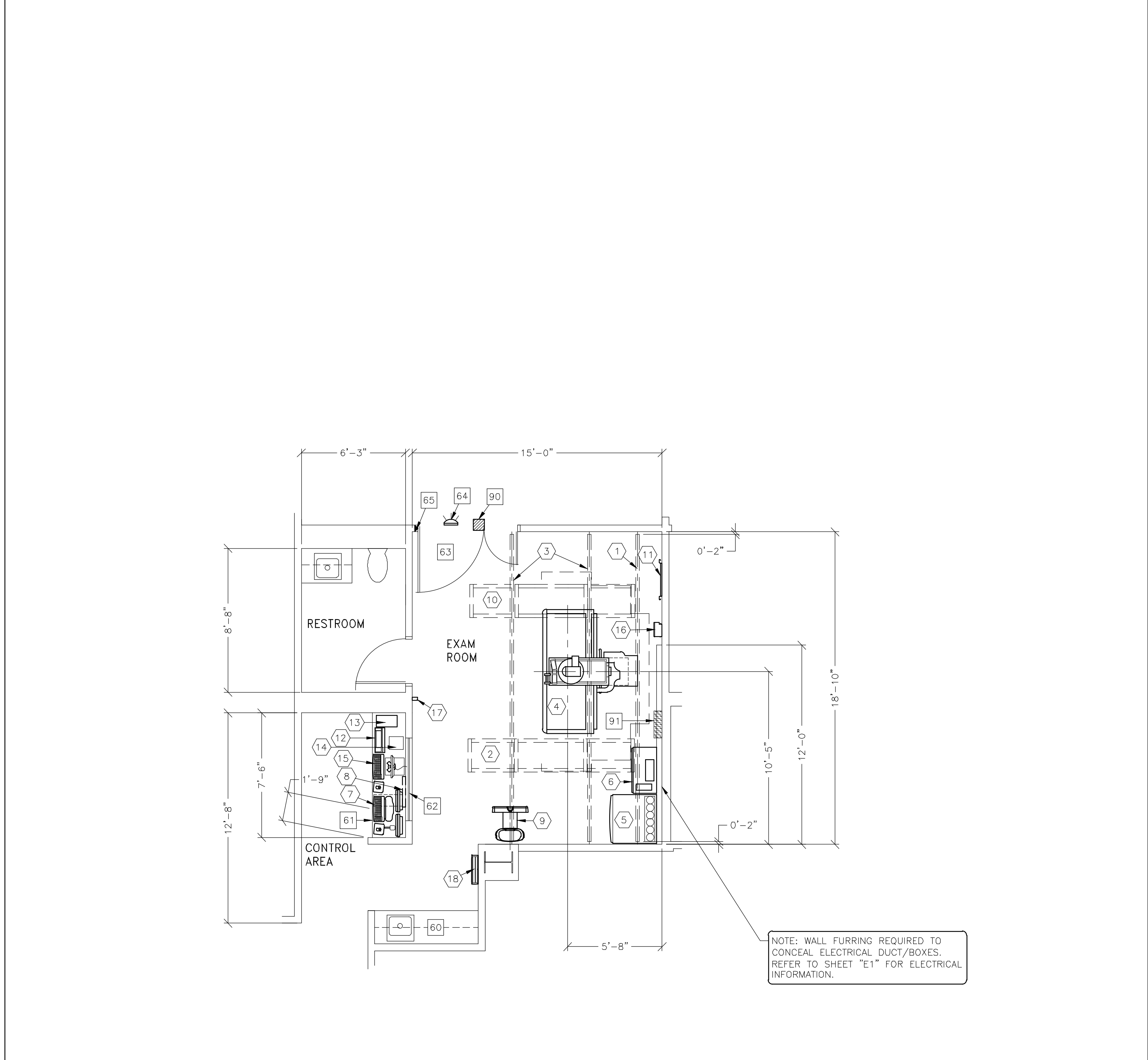
NOTE: LOCAL CONDITIONS MAY DICTATE THAT ITEMS IDENTIFIED IN THIS CATEGORY BE INSTALLED BY OTHERS.

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		CABLE DRAPE RAIL	68 lbs		C7506 C7507	B20 O79		
2	1		XT RADIOGRAPHIC SUSPENSION WITH INBOARD MOUNTING	559 lbs	501 btu	B2004 C7506 C7507	B20 O41	XTS1	C
3	2		LONGITUDINAL STATIONARY RAIL FOR XT SUSPENSION	138 lbs			B20 O41		C
4	1		PRECISION R&F TABLE WITH INTELLIGENT DIGITAL DEVICE	3443 lbs	426 btu	B0114 B0114A	B01 14B	RFP3	C
5	1		SYSTEMS CABINET	881 lbs	2457 btu	B0558A	---	SKL	S
6	1		POSITIONER CABINET	685 lbs	3412 btu	A8008	S02	RFP1	C
7	1		OPERATORS CONSOLE	74 lbs	1235 btu	C7502 C7504	---	WB2	---
8	1		IUI ACCESSORY ASSEMBLY	15 lbs		B0114K	---	---	S
OPTIONS:									
9	1		SG-80 CHEST UNIT WITH KNEE EXTENSION	427 lbs		B3503B	---	K	S
10	1		ONE LCD MONITOR SUSPENSION ON XT INBOARD BRIDGE	282 lbs	68 btu	B2011A	---	WB1	---
11	1		TABLE ACCESSORY RACK	90 lbs		B8130C	S38	---	C
12	1		DVD RECORDER KEYBOARD	2 lbs		C7503	---	---	---
13	1		DVD RECORDER	13 lbs		C7503	---	DVD	---
WIRELESS DR IMAGING (OPTION PKG):									
14	1		DR IMAGING CABINET	37 lbs	477 btu	B8128	---	WDR1	S
15	1		DR IMAGING CONSOLE	28 lbs	525 btu	---	---	PC	---
16	1		TETHER INTERFACE BOX	15 lbs	10 btu	B8126	---	TIB	---
17	1		DOORGL	4 lbs		B8137	---	D	---
18	1		DETECTOR BIN	33 lbs		B8127	---	---	---

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 = 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 WITH SINK, BASE AND WALL CABINETS
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	CONTROL WALL TO CEILING WITH LEAD GLASS VIEWING WINDOW.
63	MINIMUM DOOR OPENING FOR EQUIPMENT DELIVERY IS 44 IN. W X 89 IN. H (118mm X 2108mm). CONTINGENT ON A 96 IN. (2438mm) CORRIDOR WIDTH.
64	X-RAY ON WARNING LIGHT - AVAILABLE FROM GE SUPPLY CALL: 800-200-9760 GE CAT. NO. WX1ABW-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/ROOM LIGHTING CONTROL PANEL REFERENCE JUNCTION POINT "XRLC" ON SHEET "E1" FOR DETAILED DESCRIPTION - CAT. NO. E4502SS FOR WARNING LIGHT & ROOM LIGHT CONTROL.
91	80 AMP - MAIN DISCONNECT REFERENCE JUNCTION POINT "A" ON SHEET "E1" FOR DETAILED DESCRIPTION - CAT. NO. E4502ST DR WITH AUTO RESTART E4502SR (20 V X 48 H X 6.68 IN. D) 110AMP MAIN DISCONNECT E4502RS DR AUTO RESTART E4502SA ALSO AVAILABLE.

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 75 DEGREES (F), MAXIMUM ALLOWABLE TEMPERATURE CHANGE OF 15 DEGREES (F)/HOUR.
- HUMIDITY: REFER TO PREINSTALLATION MANUAL FOR THE EQUIPMENT ILLUSTRATED ON THIS DRAWING.
- ALTITUDE: NOT TO EXCEED 8,000 FT. ABOVE SEA LEVEL.
- 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

IMAGE INTENSIFIERS MUST BE LOCATED IN AMBIENT STATIC MAGNETIC FIELDS OF LESS THAN 1 GAUSS TO GUARANTEE SPECIFIED IMAGING PERFORMANCE.

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

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

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

GE Healthcare
IS Services Design Center
Milwaukee, Wisconsin

SHEET TITLE: EQUIPMENT LAYOUT
MODALITY TYPE: PRECISION 500D
THIS PLAN IS SUBMITTED TO 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 INSTRUCTIONS PROVIDED TO THE COMPANY. THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE:
TYPICAL FINAL DRAWINGS
2-58F

PROJECT	REVISION
2-58F	00

DATE: 20.Sep.12
DRAWN BY: JLT
CHECKED BY: JDR

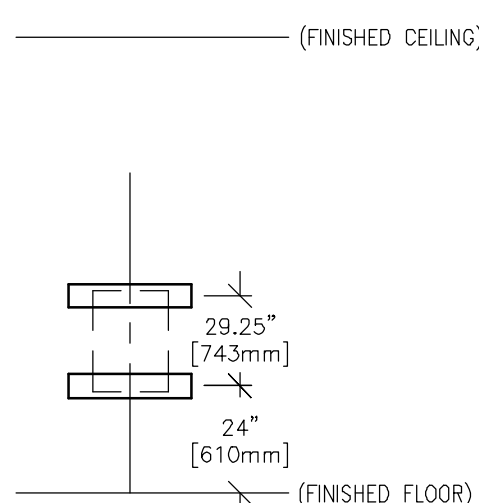
REVISION HISTORY:

SHEET
A1

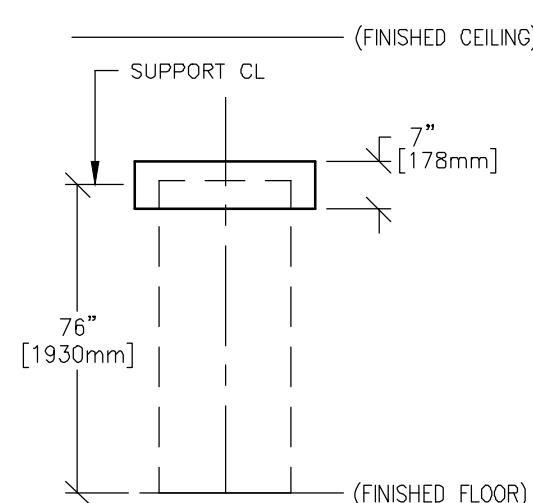
TYPICAL WALL SUPPORT ELEVATIONS

S38

S116



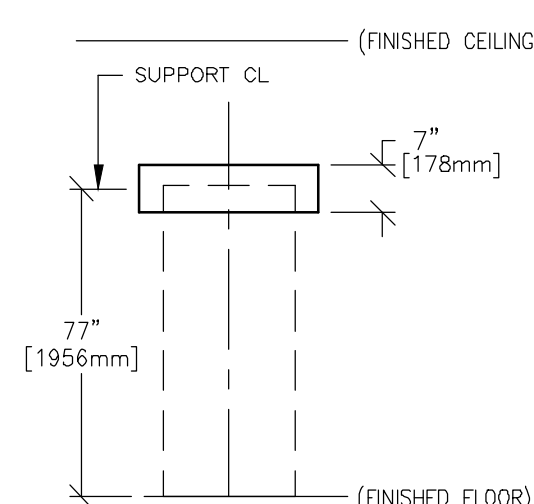
SUPPORT FOR TABLE ACCESSORY RACK (NOT TO SCALE)



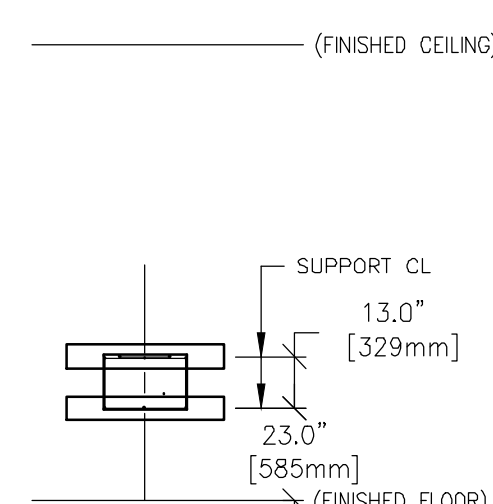
SUPPORT FOR ATLAS/SYSTEMS CABINET (NOT TO SCALE)

S02

S129



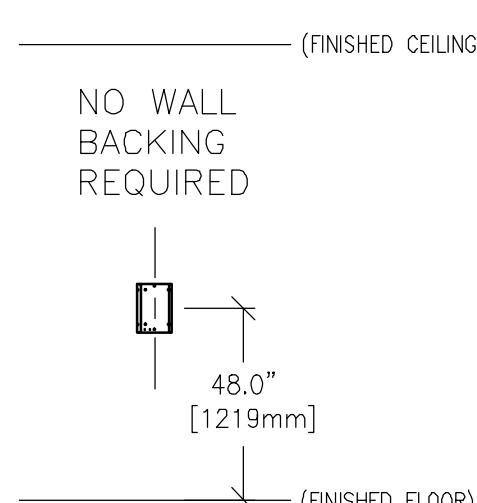
SUPPORT FOR ADVANTX ELECTRONICS CABINETS (NOT TO SCALE)



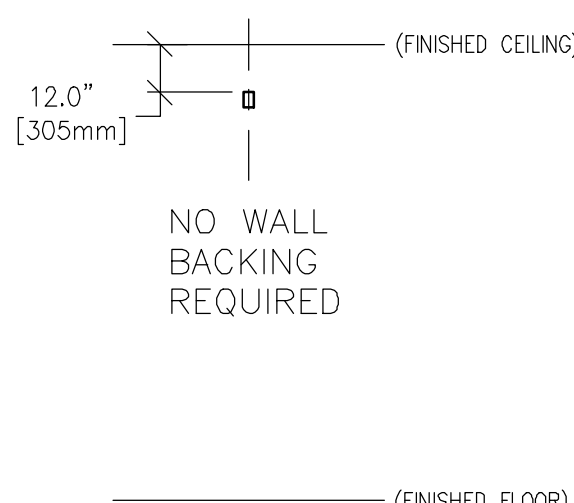
SUPPORT FOR BIN (NOT TO SCALE)

S127

S128



TIB ELEVATION (NOT TO SCALE)

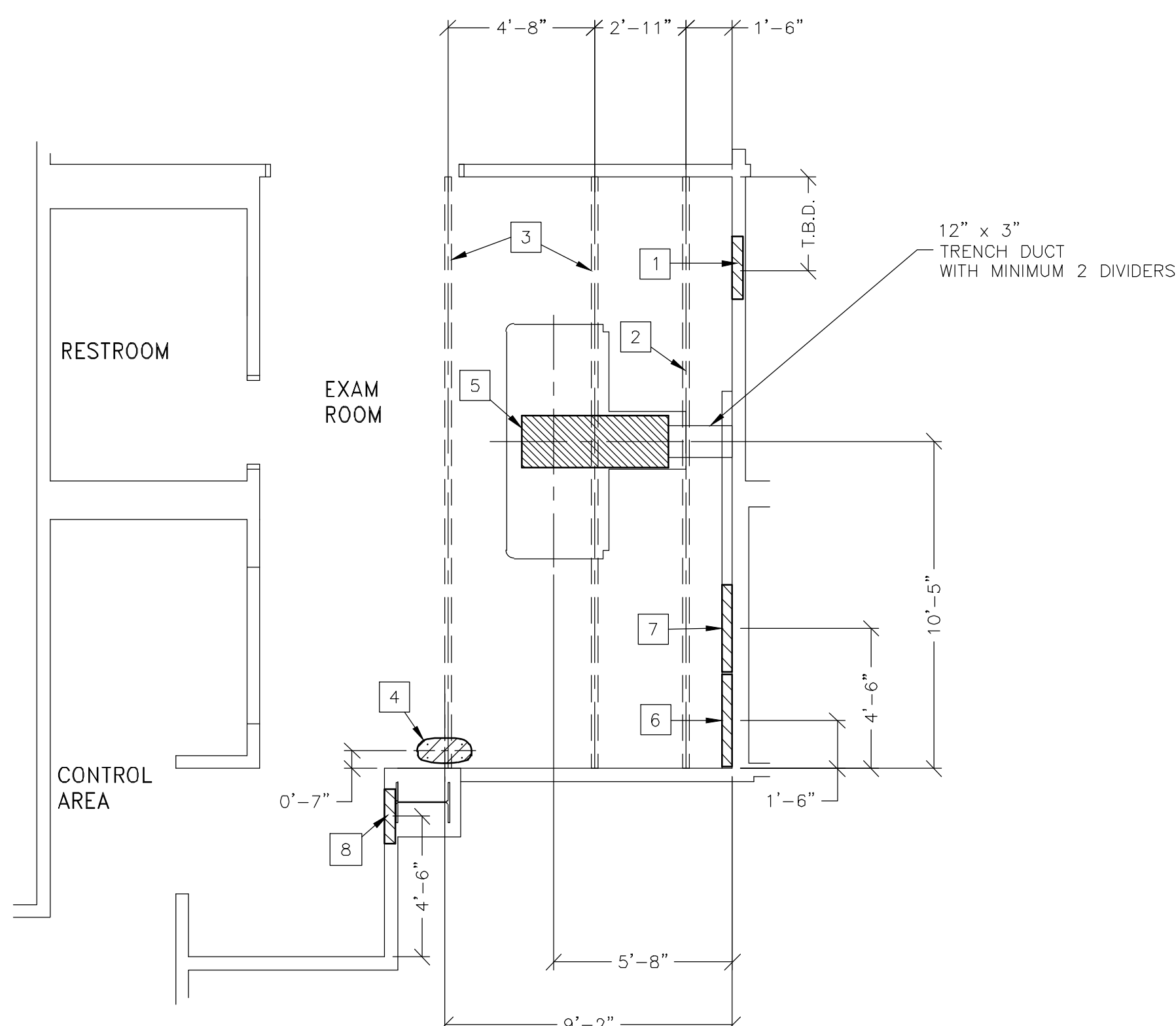


DONGLE ELEVATION (NOT TO SCALE)

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	SUPPORT BACKING, LOCATE AS SHOWN, REFER TO ELEVATION DETAIL S38, FOR TABLE ACCESSORY RACK.
2	UNISTRUT OR EQUIVALENT SUPPORT IN CEILING FOR FASTENING CABLE BRACE 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'-8" AND REQUIRE 50 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	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'-8" AND REQUIRE 350 LBS. (597 LBS. IN SEISMIC REGIONS), 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.
4	FLOOR CONTACT AREA FOR CHEST UNIT.
5	FLOOR CONTACT AREA FOR TABLE PRECISION 5000 Seismic Zone ANCHORING HARDWARE (WHERE APPLICABLE) (POSITIONER CAB) ANCHORS = Hilti KB3 - 3/8 x 3.75 in. (2 ea.) (POSITIONER CAB) SCREWS = No. 12 TEK Screws (4 ea.) (BUCKY, SG-80/120) ANCHORS = Hilti KB3 - 1/2 x 5.5 in. (4 ea.) (R/F TABLE) ANCHORS = Hilti KB3 - 5/8 x 6 in. (8 ea.) (SYSTEM CABINET) ANCHORS = Hilti KB3 - 3/8 x 3.75 in. (2 ea.) (SYSTEM CABINET) SCREWS = No. 12 TEK Screws (4 ea.) (WALL MOUNT FP MONITOR) SCREWS = No. 12 TEK Screws (4 ea.) (TABLE ACCY. RACK) SCREWS = No. 12 TEK Screws (4 ea.) ALL ANCHORS TO INCLUDE 1 FLATWASHER, 1 LOCKWASHER AND 1 NUT ALL BRACKETS ARE SHIPPED WITH GE EQUIPMENT.
6	SUPPORT BACKING, LOCATE AS SHOWN, REFER TO ELEVATION DETAIL S116, FOR ATLAS CABINET.
7	SUPPORT BACKING, LOCATE AS SHOWN, REFER TO ELEVATION DETAIL S02, FOR ELECTRONICS CABINETS.
8	SUPPORT BACKING, LOCATE AS SHOWN, REFER TO ELEVATION DETAIL S129.

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"

SHEET TITLE: STRUCTURAL LAYOUT
MODALITY TYPE: PRECISION 5000

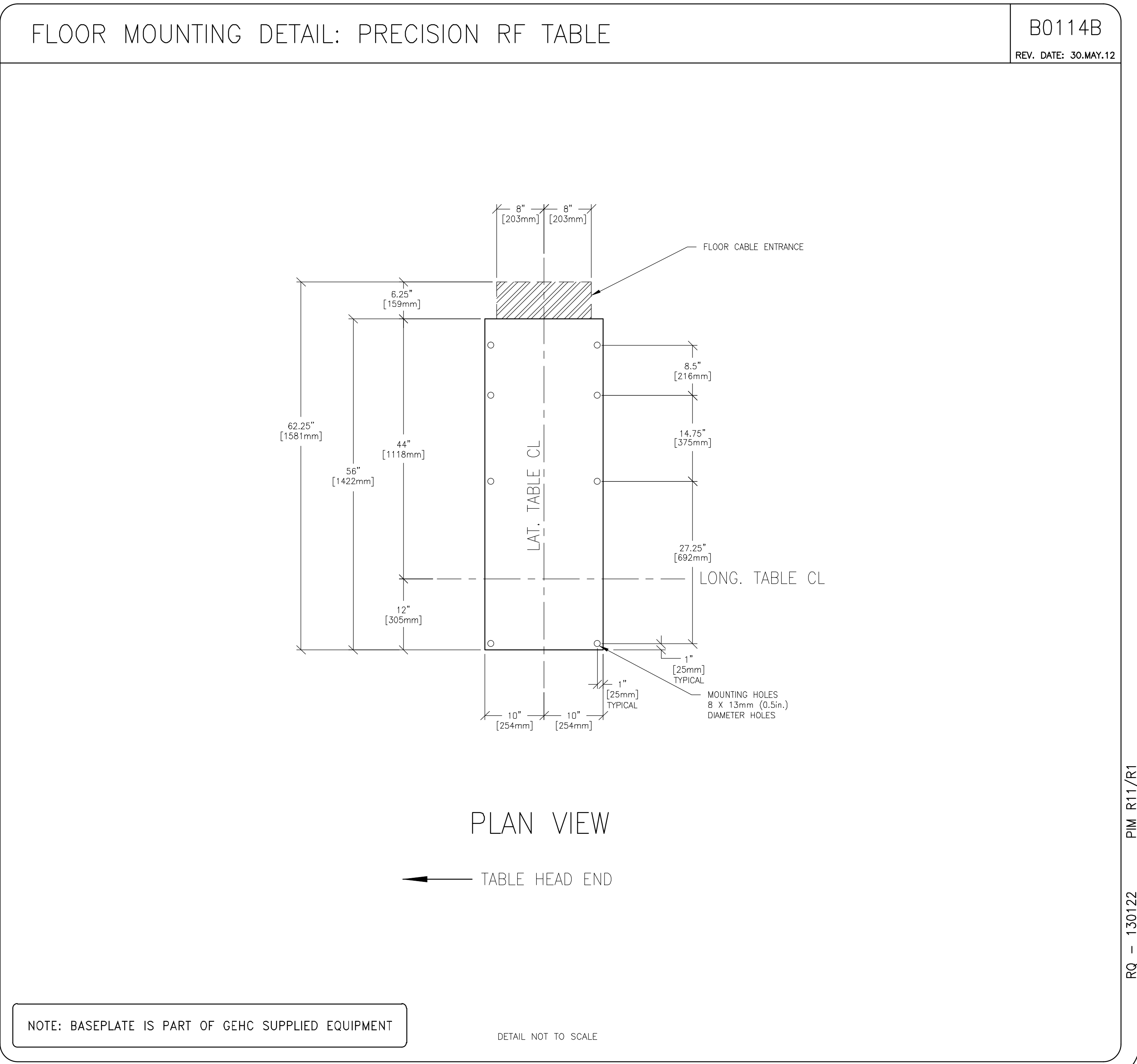
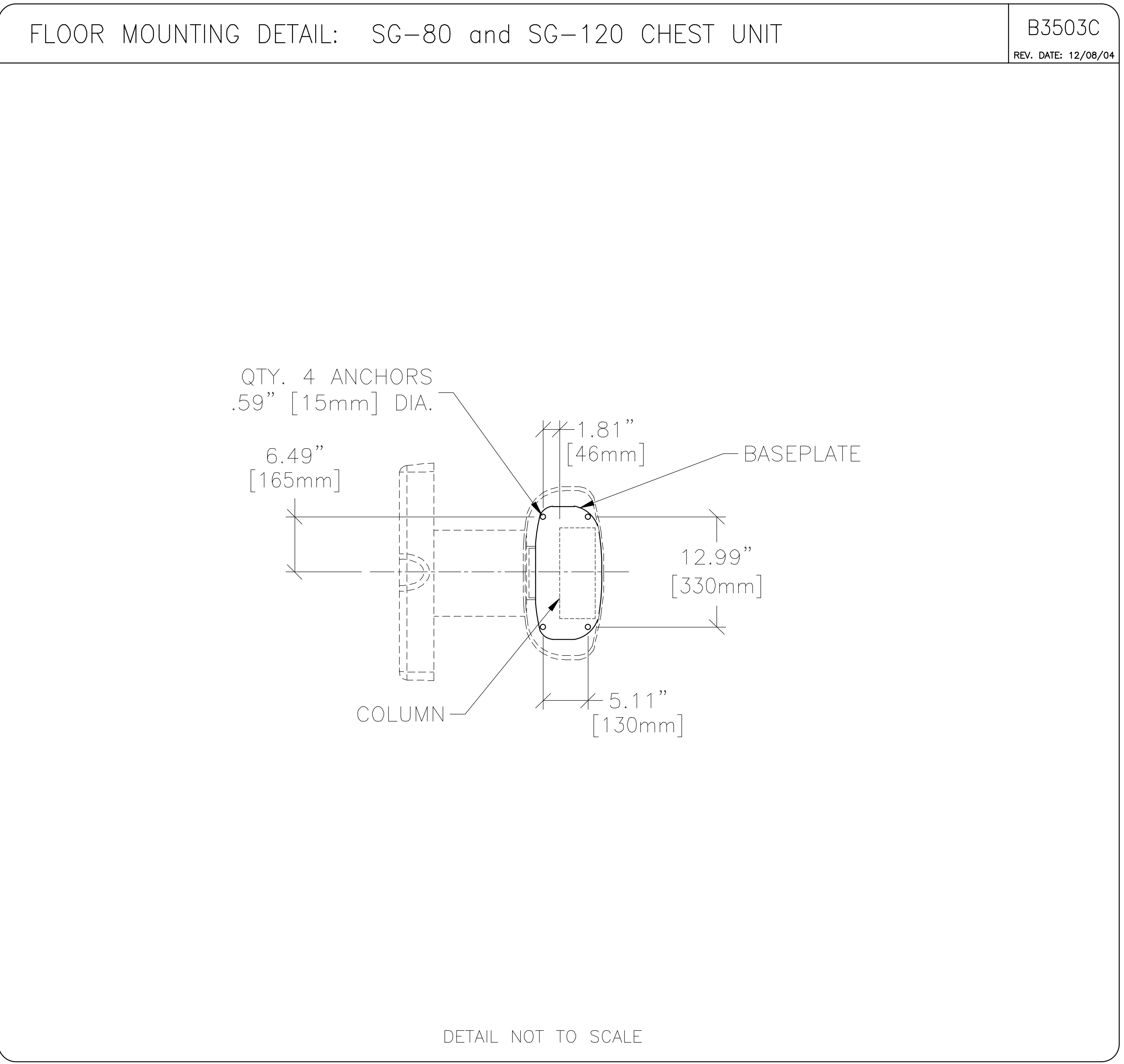
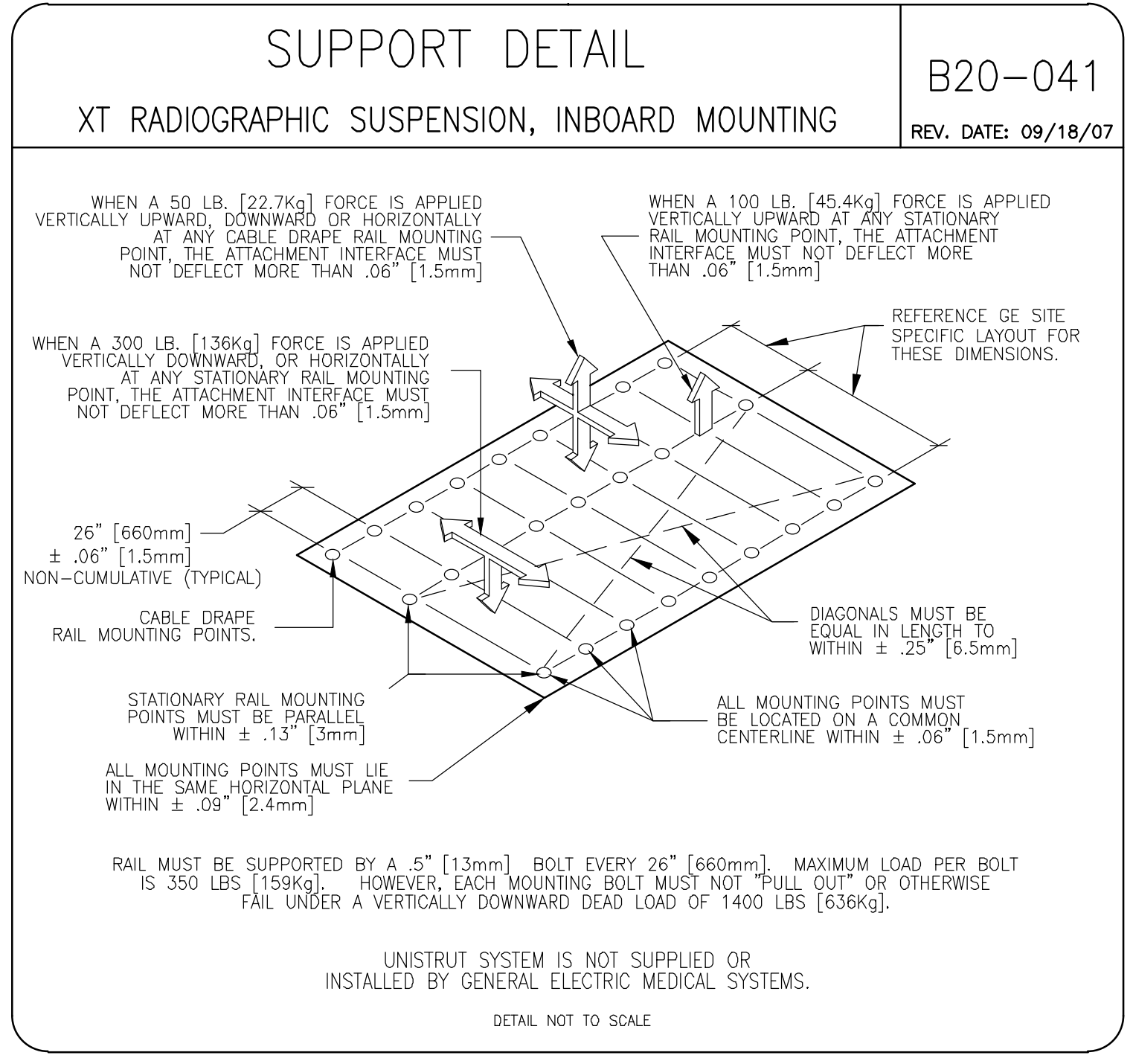
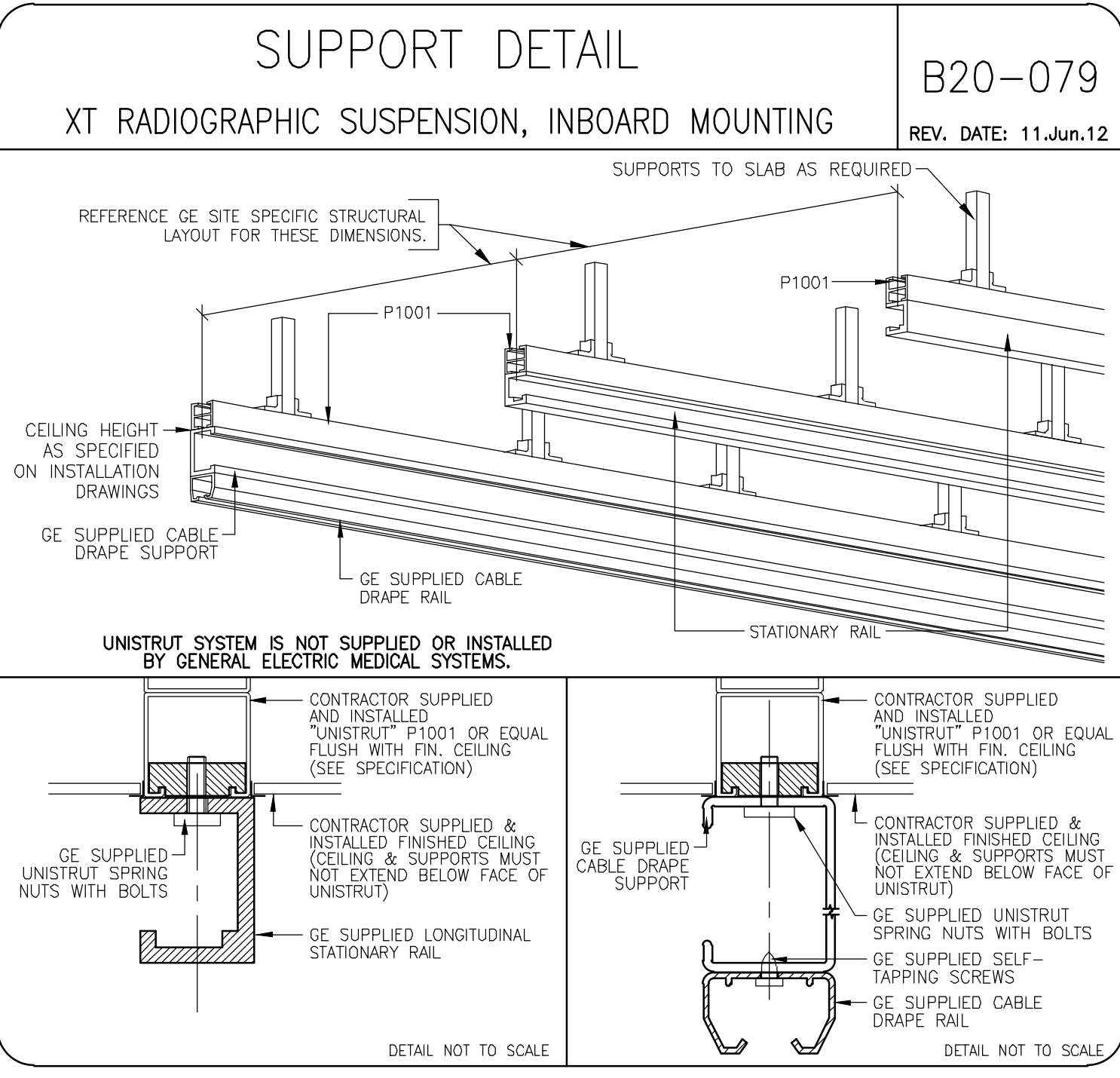
PROJECT TITLE:
TYPICAL FINAL DRAWINGS
2-58F

PROJECT	REVISION
2-58F	00
DATE:	20.Sep.12
DRAWN BY:	JLT
CHECKED BY:	JDR

REVISION HISTORY:

SHEET
S1

IS Services Design Center
Minneapolis, Minnesota
GE Healthcare
Wisconsin



GE Healthcare

IS Services Design Center

Milwaukee, Wisconsin

SHEET TITLE: STRUCTURAL DETAILS
MODALITY TYPE: PRECISION 500D

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 TO ALL APPLICABLE CODES AND REGULATIONS. THE COMPANY CANNOT BE HELD RESPONSIBLE FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE:
TYPICAL FINAL DRAWINGS 2-58F

PROJECT	REVISION
2-58F	00
DATE:	20.Sep.12
DRAWN BY:	JLT
CHECKED BY:	JDR

REVISION HISTORY:

SHEET
S2

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

ELECTRICAL PLAN

RECOMMENDED CEILING HEIGHT = 9'-6"

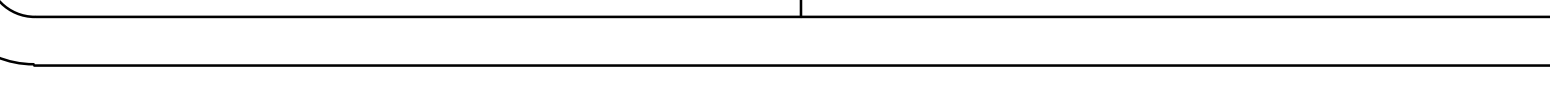
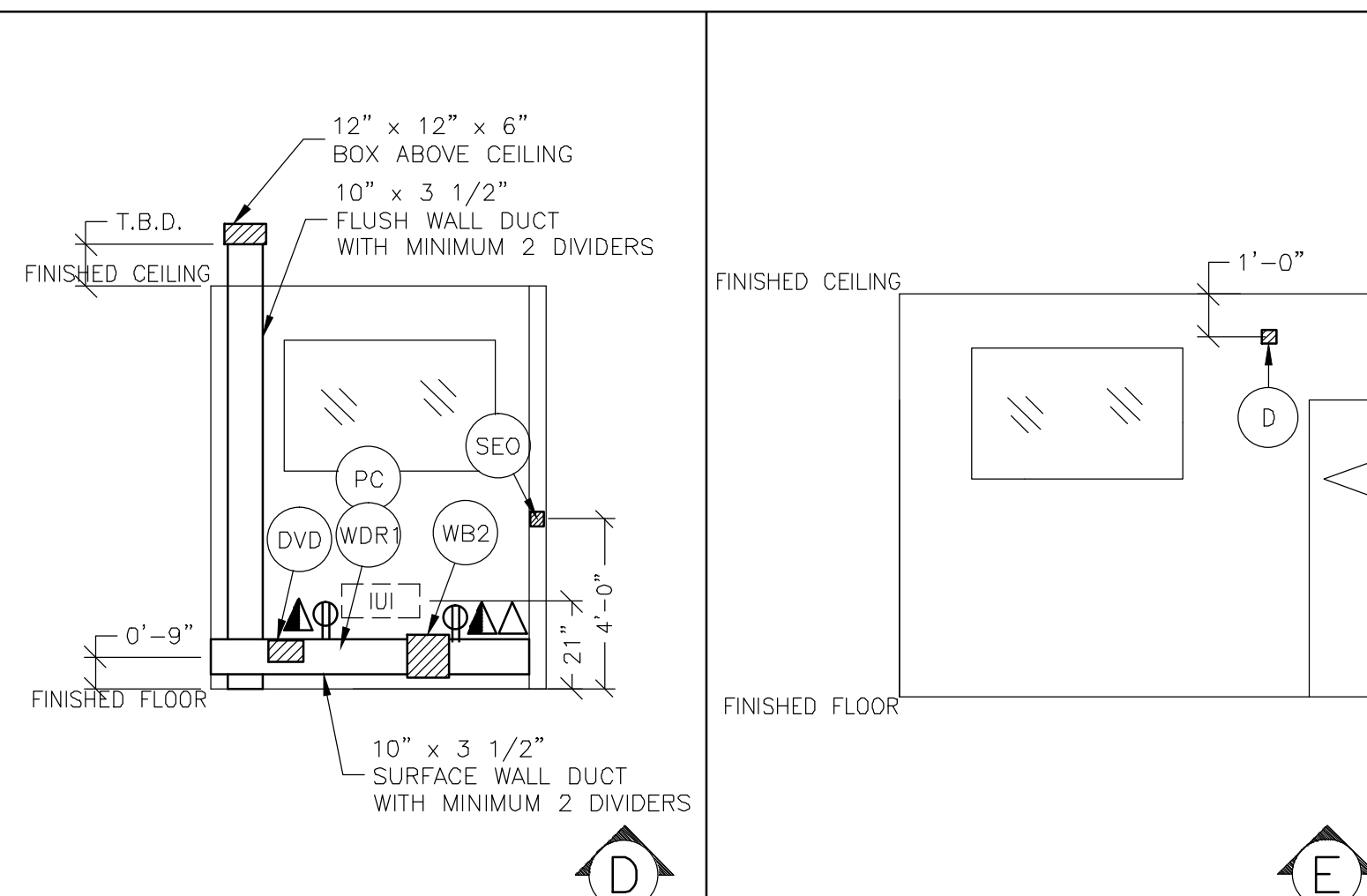
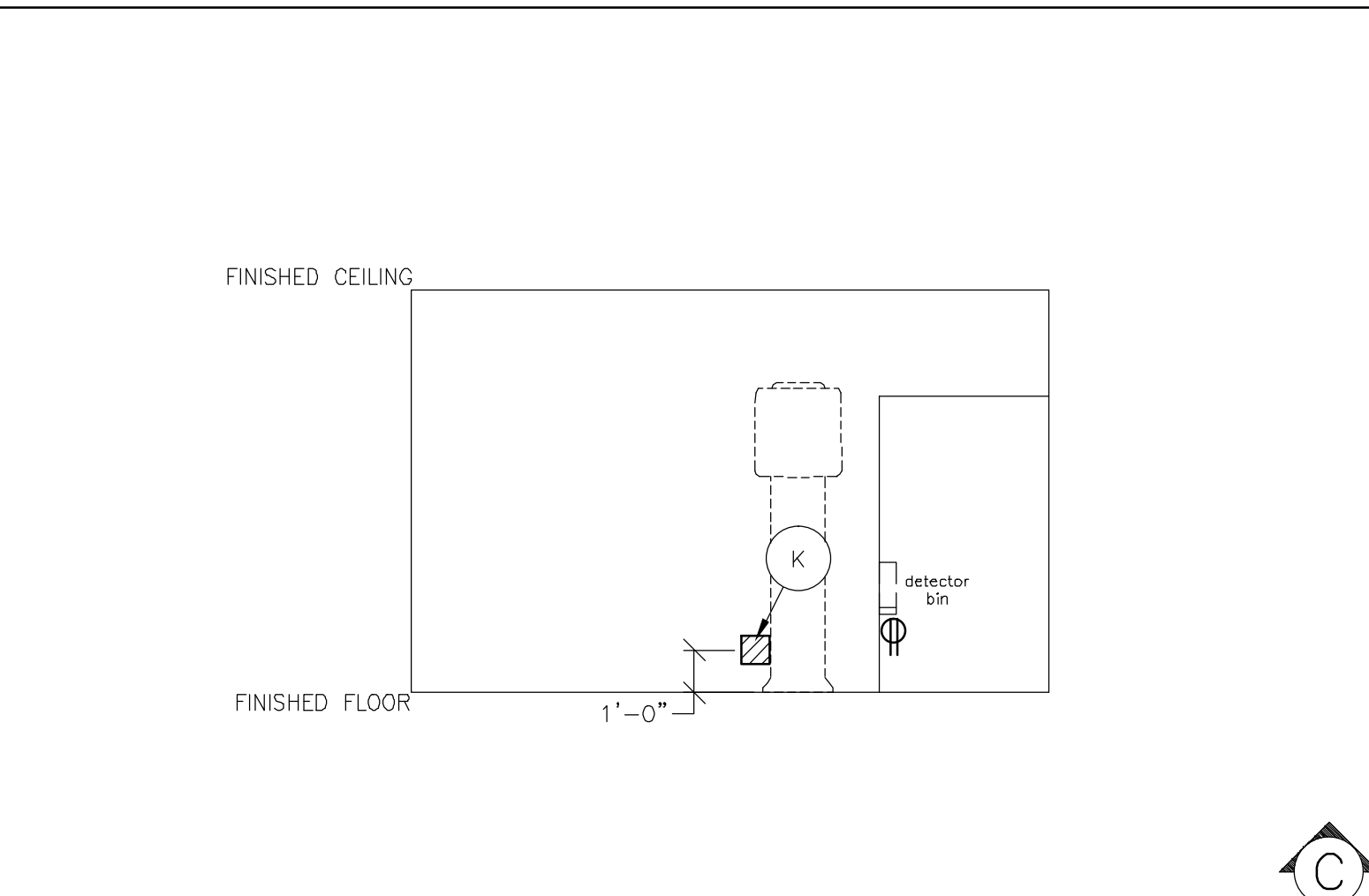
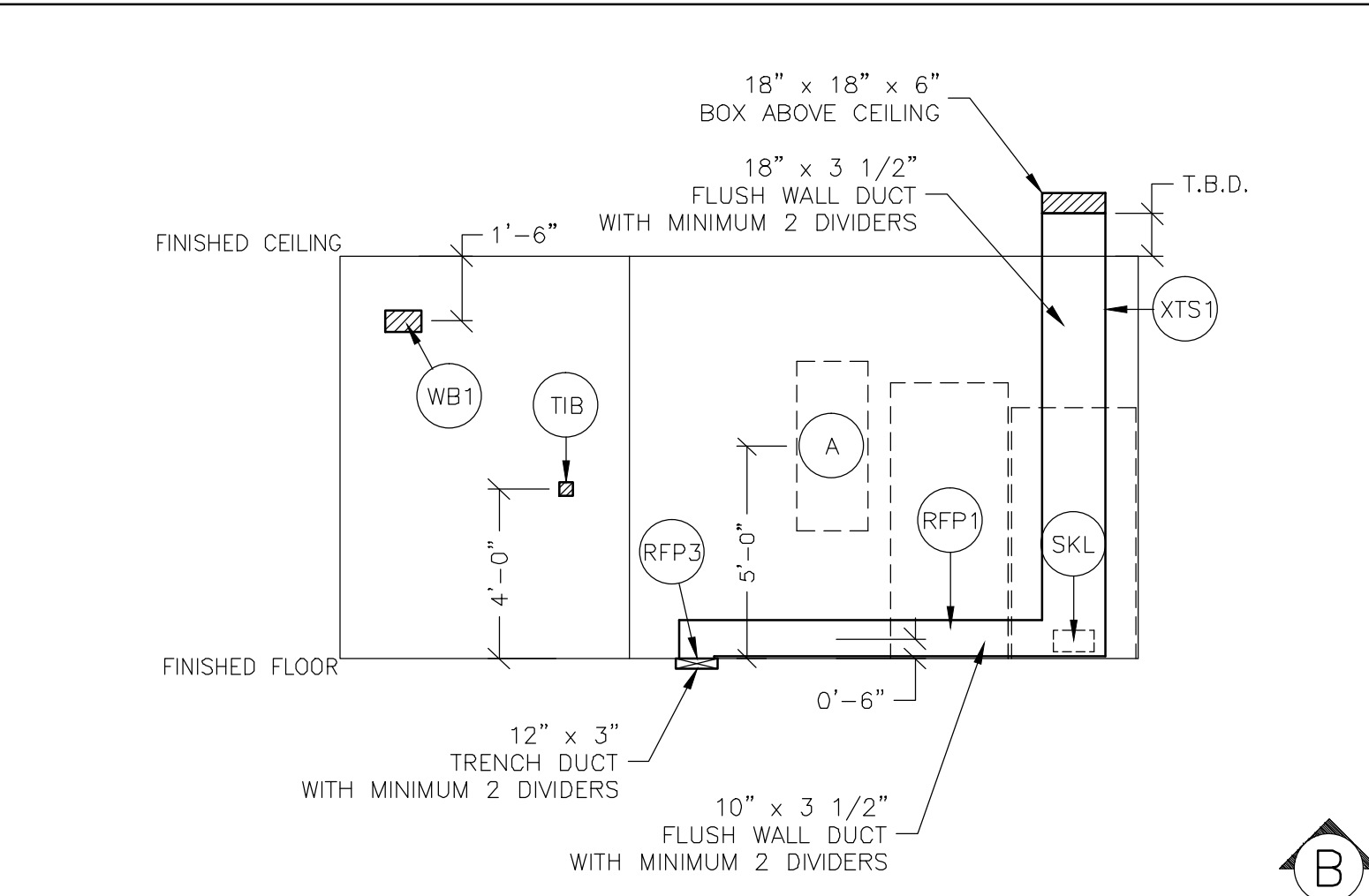
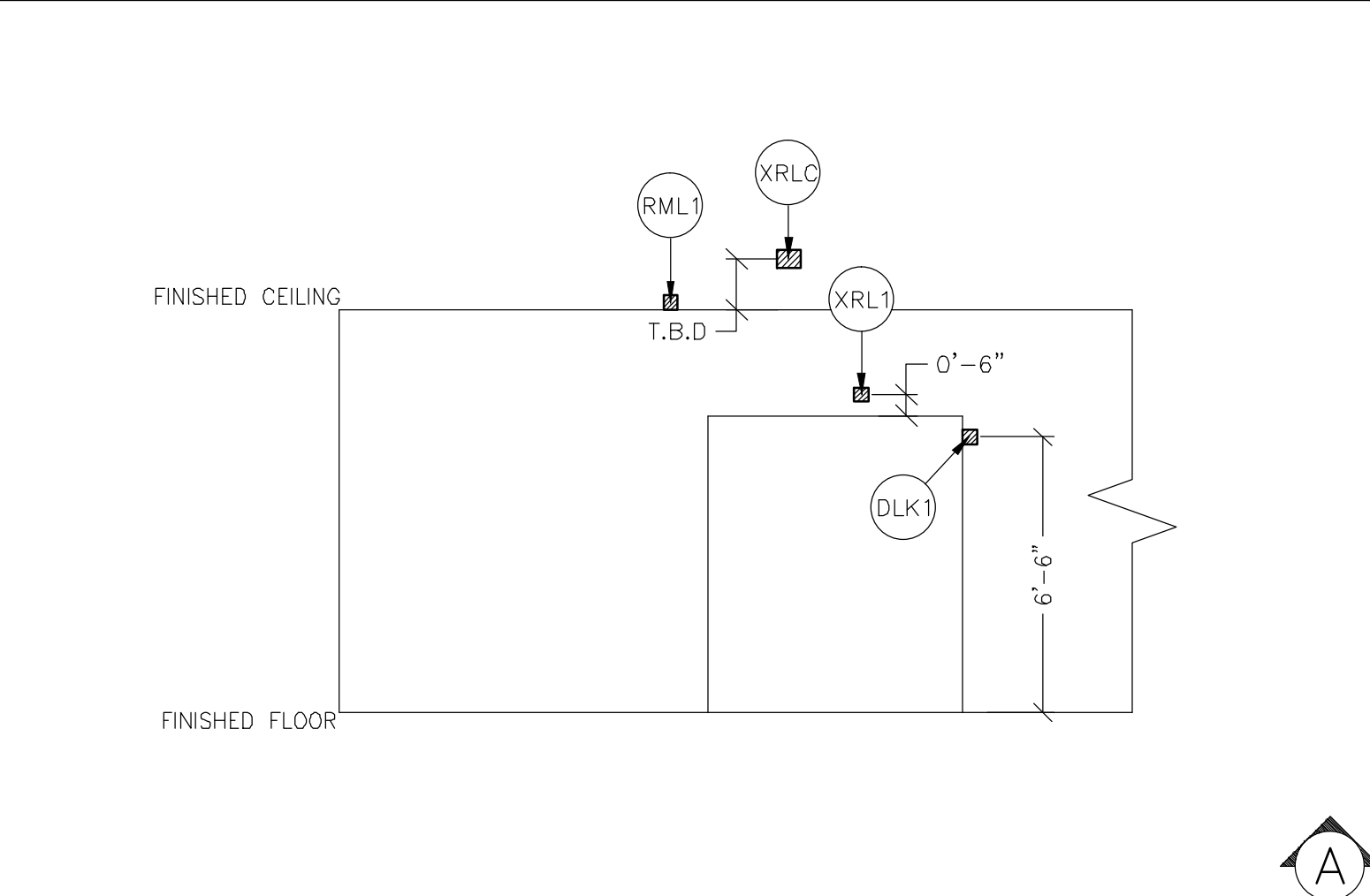
JUNCTION POINT DESCRIPTIONS

- ELECTRICAL OUTLET LEGEND**
 CUSTOMER/CONTRACTOR SUPPLIED AND INSTALLED ITEMS. HEIGHT ABOVE FLOOR DETERMINED BY LOCAL CODES UNLESS OTHERWISE SPECIFIED.
- ⊕ DUPLEX HOSPITAL GRADE, DEDICATED WALL OUTLET 120-V, SINGLE PHASE POWER
 - △ DEDICATED TELEPHONE LINE(S) (SEE ELECTRICAL DETAIL ELEC-11 OR ELEC-17)
 - ⚡ NETWORK OUTLET (SEE ELECTRICAL DETAILS ELEC-83 AND ELEC-84 OR ELEC-87)

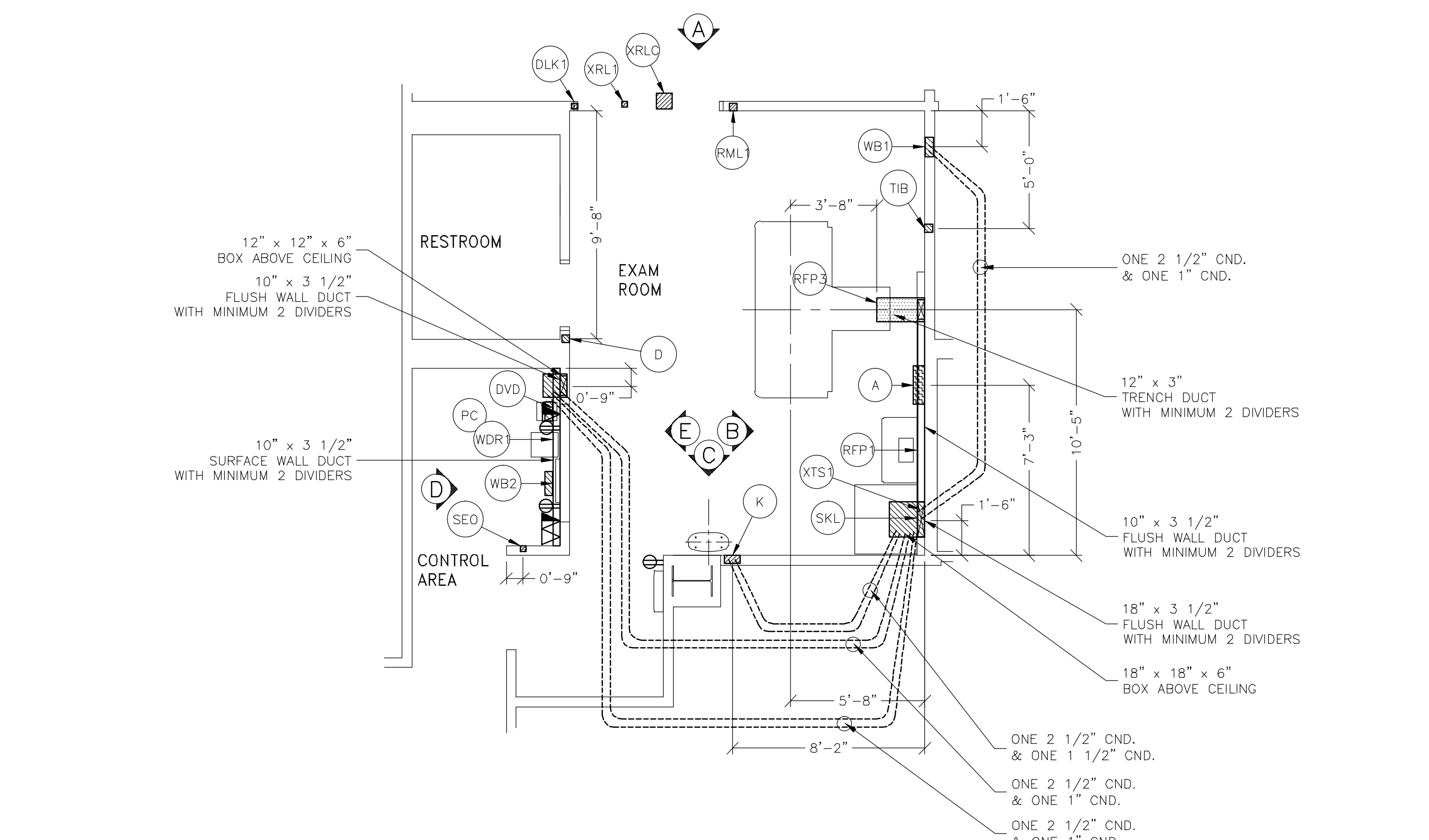
- DUCT HATCHING LEGEND**
- ▨ ABOVE CEILING DUCT
 - ▩ UNDER FLOOR DUCT
 - ▧ TRENCH DUCT (FLUSH FLOOR)
 - ▦ SURFACE FLOOR DUCT
 - ▤ CABLE TRAY
 - ABOVE CEILING CONDUIT
 - BELOW FLOOR CONDUIT

- JUNCTION POINT NOTES**
- o ALL JUNCTION BOXES, CONDUIT, DUCT, DUCT DIVIDERS, SWITCHES, CIRCUIT BREAKERS, ETC., ARE TO BE SUPPLIED AND INSTALLED BY CUSTOMER'S 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 CUSTOMER'S 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 PITGALS 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.

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 GEHSC CALL 800-558-5102 OR LOCAL GE INSTALLATION PROJECT MGR	1	80-AMP CIRCUIT BREAKER PANEL	ELEC-15
DLK1	DOOR SWITCH (NEEDED ONLY IF REQUIRED BY STATE/LOCAL CODES)	1	ROOM DOOR INTERLOCK LIMIT SWITCH IN FRAME - NORMALLY OPEN (24V) SINGLE GANG BOX	ELEC-8
D	DOOR	1	COVERPLATE 4 X 4 X 1/2 IN. DIA. CHASE NIPPLE	ELEC-111 ELEC-28
DVD	DVD RECORDER	1	10 X 6 X 4 IN. WALL BOX	ELEC-79
K	CHEST UNIT	1	SPLIT COVERPLATE 1 1/2 IN. DIA. CHASE NIPPLE WITH DIVIDER	ELEC-5
PC	DR IMAGING CONSOLE	1	SAME ROUTING AS WDR1	ELEC-3
RFP1	POSITIONER CABINET	1	32 IN. OF GROMMET MATERIAL FOR AN 8 X 8 IN. OPENING IN DUCT COVER	ELEC-17
RFP3	X-RAY TABLE	3	3 1/2 IN. NIPPLES, 1 1/2 IN. LONG	ELEC-5
RML1	ROOM LIGHTS AVAILABLE FROM GEHSC CALL 800-558-5102	1	COVERPLATE AVAILABLE FROM GEHSC CALL 800-558-5102 OR LOCAL GE INSTALLATION PROJECT MGR	ELEC-16 ELEC-116
SEO	EMERGENCY OFF	1	PROVIDE A SINGLE GANG, 3 1/2 IN. DEEP, FLUSH MTD. WALL BOX	ELEC-5 ELEC-8 ELEC-6
SKL	SYSTEMS CABINET	1	32 IN. OF GROMMET MATERIAL FOR AN 8 X 8 IN. OPENING IN DUCT COVER	ELEC-8
TIB	TETHER INTERFACE BOX	1	COVERPLATE 4 X 4 X 1/2 IN. DIA. CHASE NIPPLE	ELEC-110
WB1	IN-ROOM MONITOR WALLBOX	1	10 X 6 X 4 IN. WALL BOX	ELEC-28 ELEC-144
WB2	OPERATORS CONSOLE	1	18 X 18 X 4 IN. WALL BOX SPLIT COVERPLATE	ELEC-5 ELEC-8 ELEC-6
WDR1	DR IMAGING CABINET	1	12 IN. OF GROMMET MATERIAL FOR AN 8 X 3 IN. OPENING IN DUCT COVER	ELEC-17
XRL1	WARNING LIGHT	1	'X-RAY ON' INCANDESCENT LIGHT FIXTURE DO NOT USE FLUORESCENT FIXTURES GE CAT. NO. WX1ABW-DF-XIU	ELEC-17
XRLC	WARNING LIGHT CONTROLLER AVAILABLE FROM GEHSC CALL 800-558-5102 OR LOCAL GE INSTALLATION PROJECT MGR	1	E4502SS WARNING LIGHT & ROOM LIGHT CONTROL MAX 24V CONTROLLER	ELEC-6
XTS1	X-RAY TUBE HANGER	1	32 IN. OF GROMMET MATERIAL FOR AN 8 X 8 IN. OPENING IN DUCT COVER	



PLEASE SEE BELOW FOR ADDITIONAL REQUIRED CONDUIT RUNS AND SIZES.



JEDI 80kw SYSTEMS CABINET REV. DATE: 04/24/07

* 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 1/0 MINIMUM. THIS GROUND WILL RUN FROM THE EQUIPMENT BACK TO THE FACILITY POWER SOURCE/MAN 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		360-440		373-456		396-484	
	380	400	420	440	460	480	500	520
	SIZE OF FEEDERS AND GROUND Wires (AWG)							
	FEEDER	GROUND	FEEDER	GROUND	FEEDER	GROUND	FEEDER	GROUND
50	2 (1/0)	2 (1/0)	2 (1/0)	2 (1/0)	2 (1/0)	2 (1/0)	2 (1/0)	2 (1/0)
100	2 (1/0)	2 (1/0)	2 (1/0)	2 (1/0)	2 (1/0)	2 (1/0)	2 (1/0)	2 (1/0)
150	1/0 (1/0)	1 (1/0)	1 (1/0)	1 (1/0)	1 (1/0)	1 (1/0)	1 (1/0)	1 (1/0)
200	2/0 (2/0)	2/0 (2/0)	1/0 (1/0)	1/0 (1/0)	1/0 (1/0)	1 (1/0)	1 (1/0)	1 (1/0)
250	3/0 (3/0)	3/0 (3/0)	2/0 (2/0)	2/0 (2/0)	2/0 (2/0)	1/0 (1/0)	1/0 (1/0)	1/0 (1/0)
300	4/0 (4/0)	4/0 (4/0)	3/0 (3/0)	3/0 (3/0)	3/0 (3/0)	2/0 (2/0)	2/0 (2/0)	2/0 (2/0)
350	350M (350M)	300M (300M)	250M (250M)	4/0 (4/0)	4/0 (4/0)	3/0 (3/0)	3/0 (3/0)	3/0 (3/0)
400	350M (350M)	300M (300M)	250M (250M)	4/0 (4/0)	4/0 (4/0)	4/0 (4/0)	4/0 (4/0)	3/0 (3/0)
450	400M (400M)	350M (350M)	300M (300M)	250M (250M)	250M (250M)	250M (250M)	250M (250M)	4/0 (4/0)

ADDITIONAL CONDUIT RUNS FOR PRECISION 5000 (BY CONTRACTOR)

CONDUITS REQUIRED FOR BASE SYSTEM (CONDUITS ARE LOCATED ABOVE CEILING)
 REV DATE: 10/01/08

XRLC TO RML1	ONE 1/2" CND.
XRLC TO XRL1	ONE 1/2" CND.
XRLC TO SKL	ONE 1/2" CND.
XRLC TO 120-V 19 POWER	CND. AS REQ'D
DLK1 TO SKL	ONE 1/2" CND.
A TO SKL	ONE CND. AS REQ'D
A TO FEEDER	ONE CND. AS REQ'D
A TO SEO	ONE 1/2" CND.
SEO TO SKL	ONE 1/2" CND.

NOTE: SEE E2 PAGE FOR MAXIMUM RUN LENGTHS

CONDUITS BY CONTRACTOR REQUIRED FOR WIRELESS DR IMAGING SYSTEM (CONDUITS ARE LOCATED ABOVE CEILING)
 REV DATE: 22Jun11

WDR1 TO TIB	ONE 1 1/2" CND.
WDR1/PC TO D	ONE 1 1/2" CND.

NOTE: SEE E2 PAGE FOR MAXIMUM RUN LENGTHS

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
XRLC > 1 PHASE	1-ND 14 BLACK, 1-ND 14 WHITE, 1-ND 14 GREEN
A > SEO	1-ND 14 BLACK, 1-ND 14 WHITE, 1-ND 14 GREEN
SKL > XRLC	2-ND 14 BLACK, 1-ND 14 RED, 1-ND 14 WHITE
XRLC > RML1	1-ND 14 BLACK, 1-ND 14 WHITE, 1-ND 14 GREEN
480-V > A	3-BLACK, 1-WHITE, 1-GREEN - REFER TO FEEDER TABLE
XRL1 > XRLC	1-ND 14 BLACK, 1-ND 14 WHITE, 1-ND 14 GREEN
A > SKL	REFER TO FEEDER TABLE

GE Healthcare
 IS Services Design Center
 Milwaukee, Wisconsin

SHEET TITLE: ELECTRICAL LAYOUT
 MODALITY TYPE: PRECISION 5000
 THIS PLAN IS SUBMITTED TO SUPPORT LOCATION OF 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 REQUIREMENTS OF THE PROJECT. THE COMPANY CANNOT BE HELD RESPONSIBLE FOR ANY DAMAGES RESULTING THEREFROM.

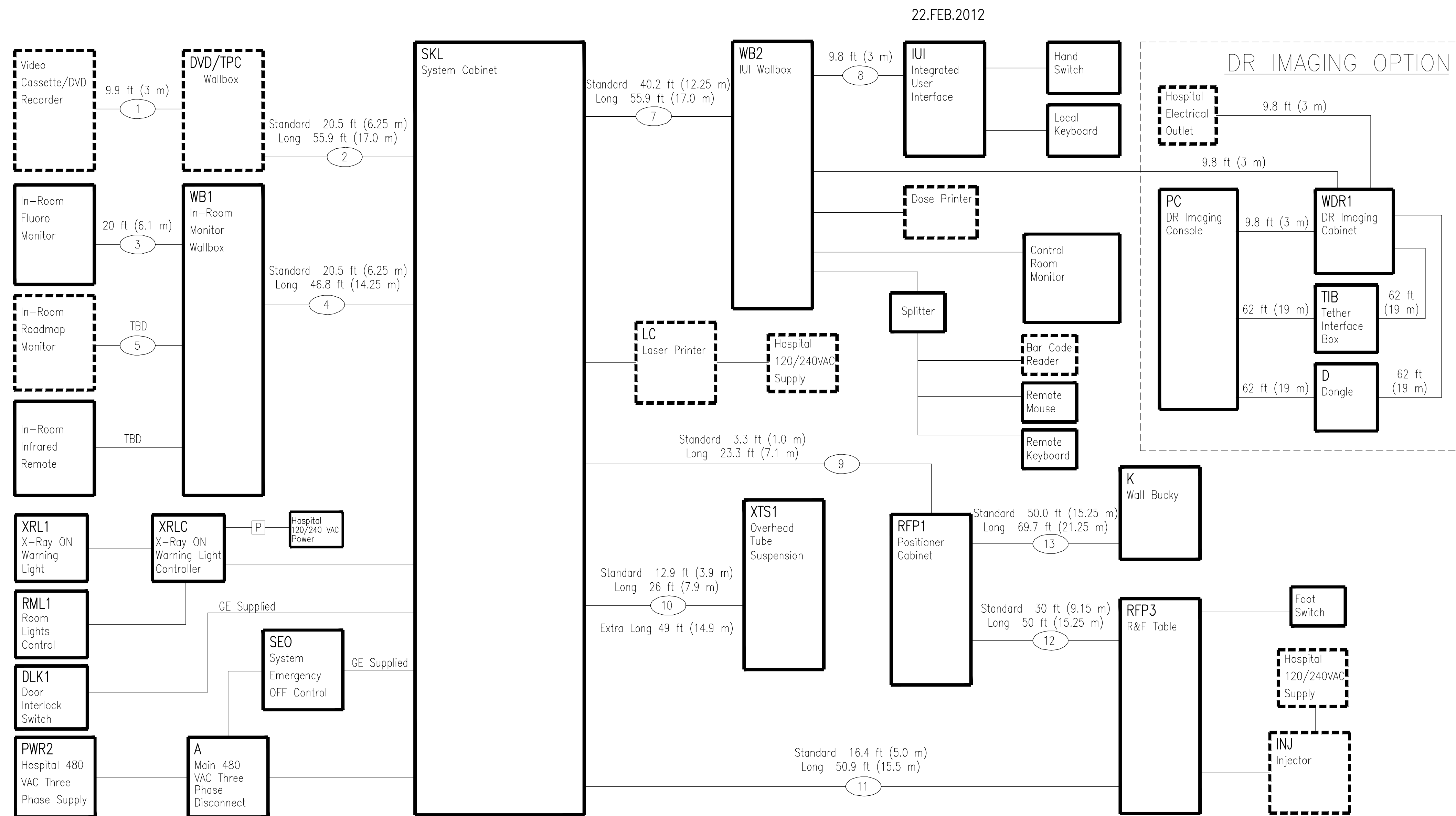
PROJECT TITLE:
TYPICAL FINAL DRAWINGS 2-58F

PROJECT	REVISION
2-58F	00
DATE:	20.Sep.12
DRAWN BY:	JLT
CHECKED BY:	JDR

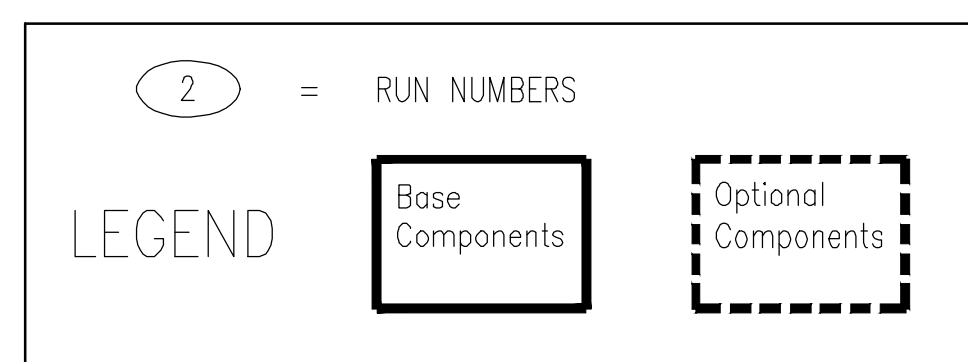
REVISION HISTORY:

SHEET
E1

INTERCONNECT DIAGRAM



22.FEB.2012



POWER SPECIFICATIONS

JEDI 80kw SYSTEMS CABINET REV. DATE: 12/07/10

VOLTAGE PRIMARY SOURCE IS REQUIRED FOR ALL INSTALLATIONS. RANGE OF LINE VOLTAGES NOMINAL LINE VOLTAGE OF 380 TO 480, 3 PHASE, WITHOUT NEUTRAL, 50 OR 60 Hz.

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

TABLE A ALLOWABLE INPUT VOLTAGES/CURRENT DEMAND

NOMINAL VOLTAGE	NORMAL RANGE ±10 PERCENT	CURRENT (AMPS)		MINIMUM OVERCURRENT PROTECTION
		MAX. MOMENTARY	CONTINUOUS	
380	342-418	190	7	95-A
400	360-440	181	6.6	90-A
415	373-456	172	6.3	85-A
440	396-484	164	6	82-A
460	414-506	157	5.8	78-A
480	432-528	151	5.5	75-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 = 4.6 KVA. (MAX DEMAND = 125 KVA)

TABLE B MAXIMUM MOMENTARY POWER DEMAND.

DEMAND	PRECISION 80 KW
kVa * POWER FACTOR AT	125 0.73
mA	630
kVp	80

* 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 150 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.

SHEET TITLE: ELECTRICAL SPECIFICATIONS
 MODALITY TYPE: PRECISION 500D
 PROJECT TITLE: TYPICAL FINAL DRAWINGS
 2-58F

PROJECT	REVISION
2-58F	00
DATE:	20.Sep.12
DRAWN BY:	JLT
CHECKED BY:	JDR

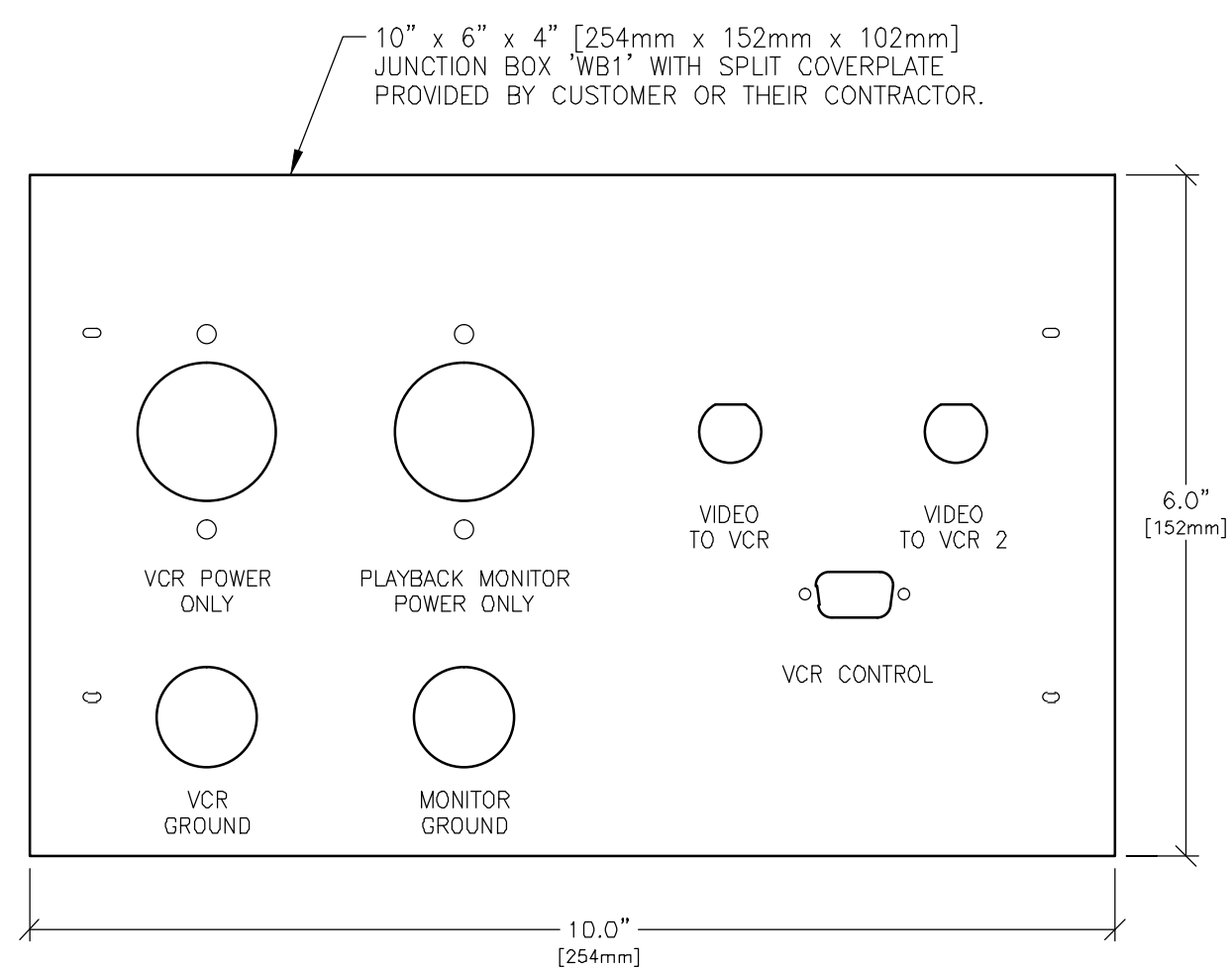
REVISION HISTORY:

SHEET
E2

GE Healthcare
 IS Services Design Center
 Milwaukee, Wisconsin

ELECTRICAL DETAIL
DVD/VTR WALL PLATE

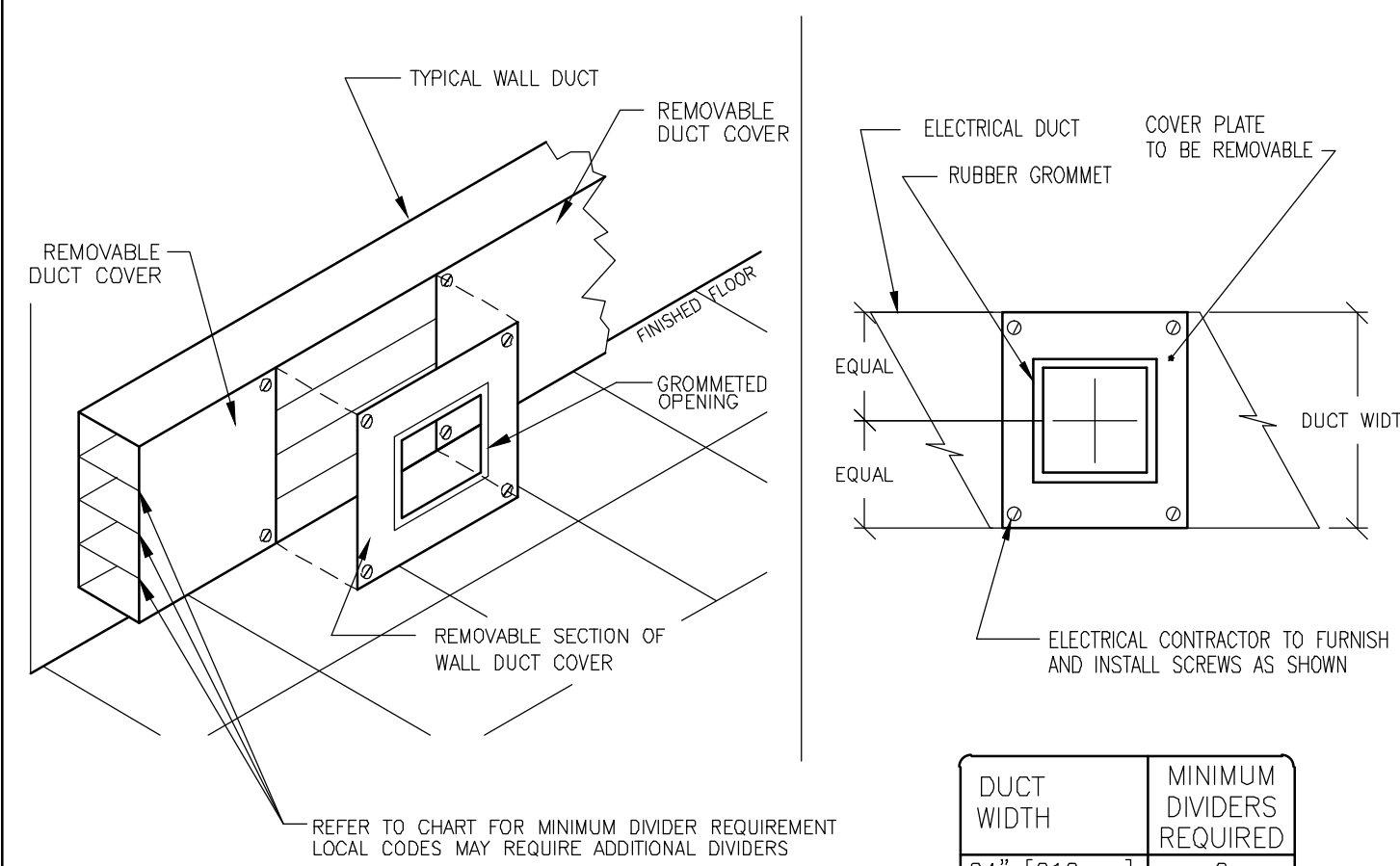
ELEC-111
REV. DATE: 03/22/11



DETAIL NOT TO SCALE

ELECTRICAL DETAIL
HORIZONTAL WALL DUCT (TYPICAL)

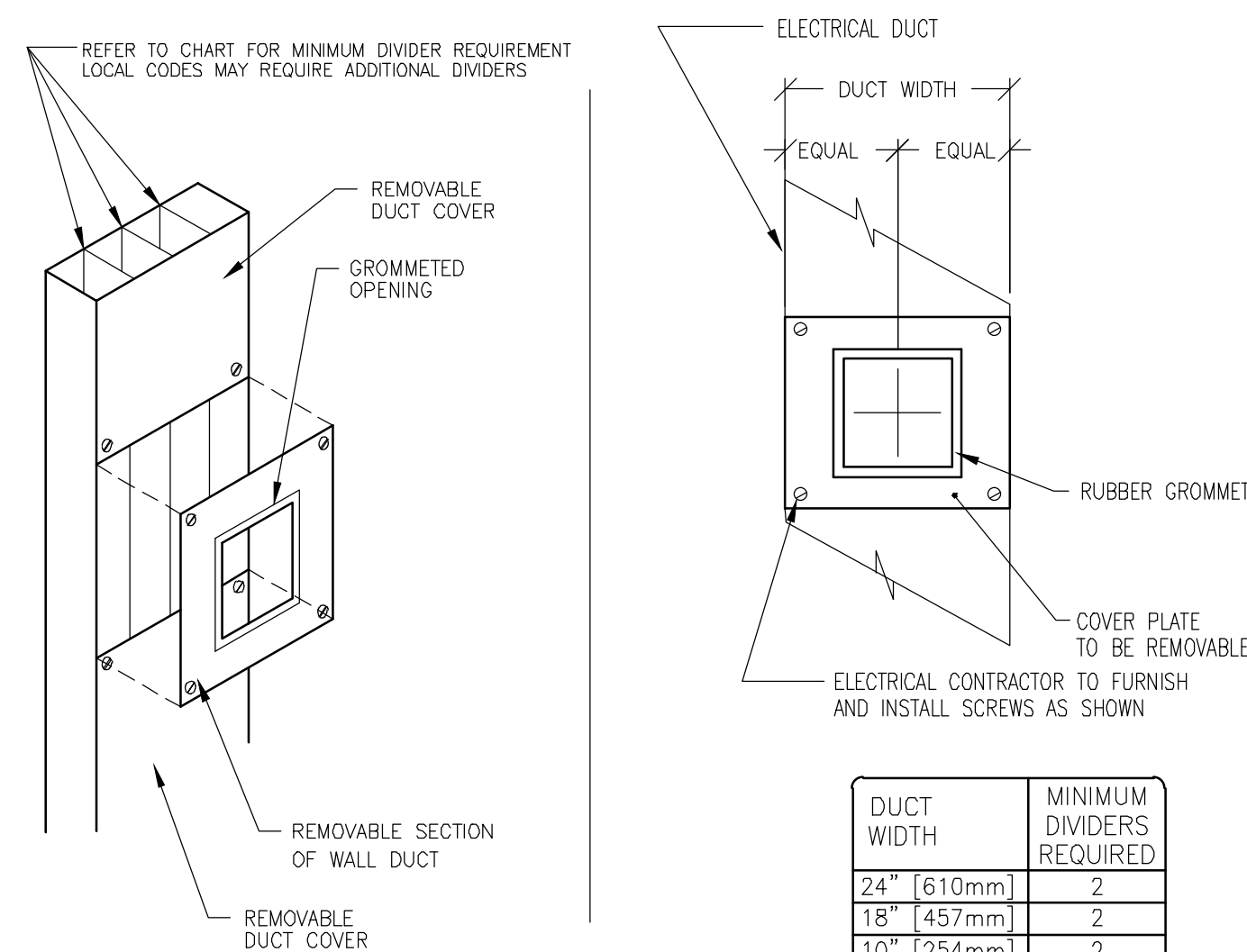
ELEC-5
REV. DATE: 03/19/04



DETAIL NOT TO SCALE

ELECTRICAL DETAIL
VERTICAL WALL DUCT (TYPICAL)

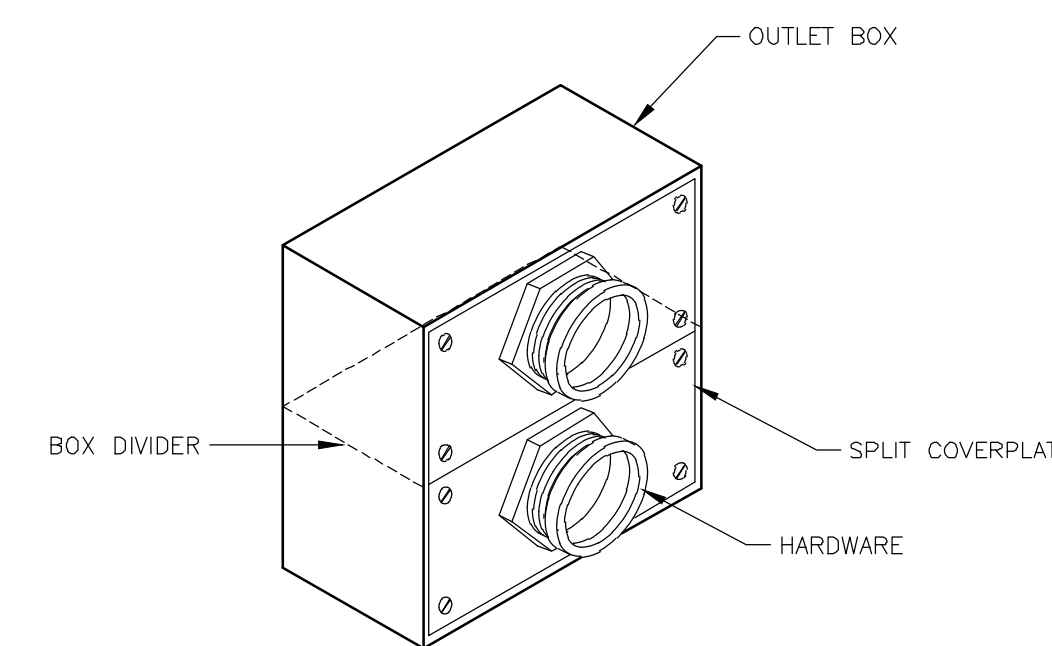
ELEC-6
REV. DATE: 03/19/04



DETAIL NOT TO SCALE

ELECTRICAL DETAIL
BOX WITH DIVIDER AND SPLIT COVERPLATE (TYPICAL)

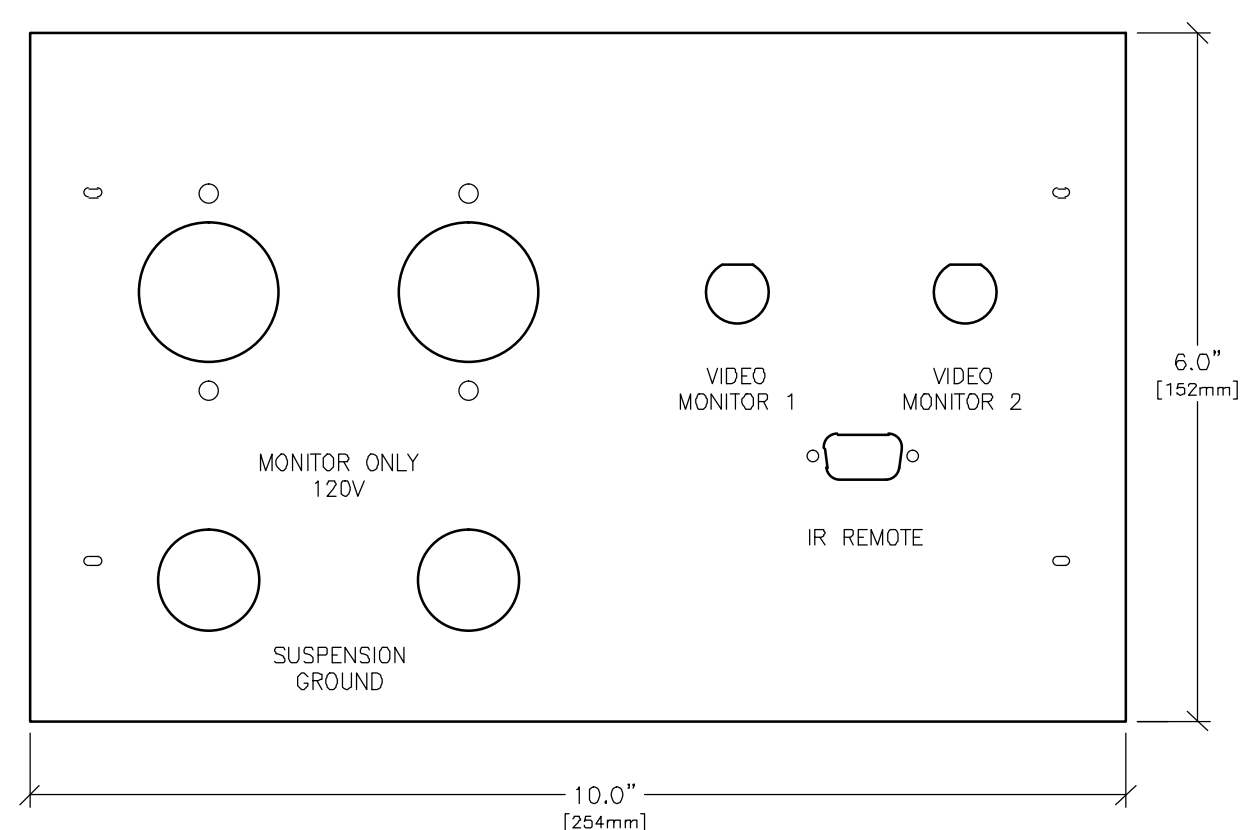
ELEC-79
REV. DATE: 04/06/04



DETAIL NOT TO SCALE

ELECTRICAL DETAIL
MONITOR WALL PLATE

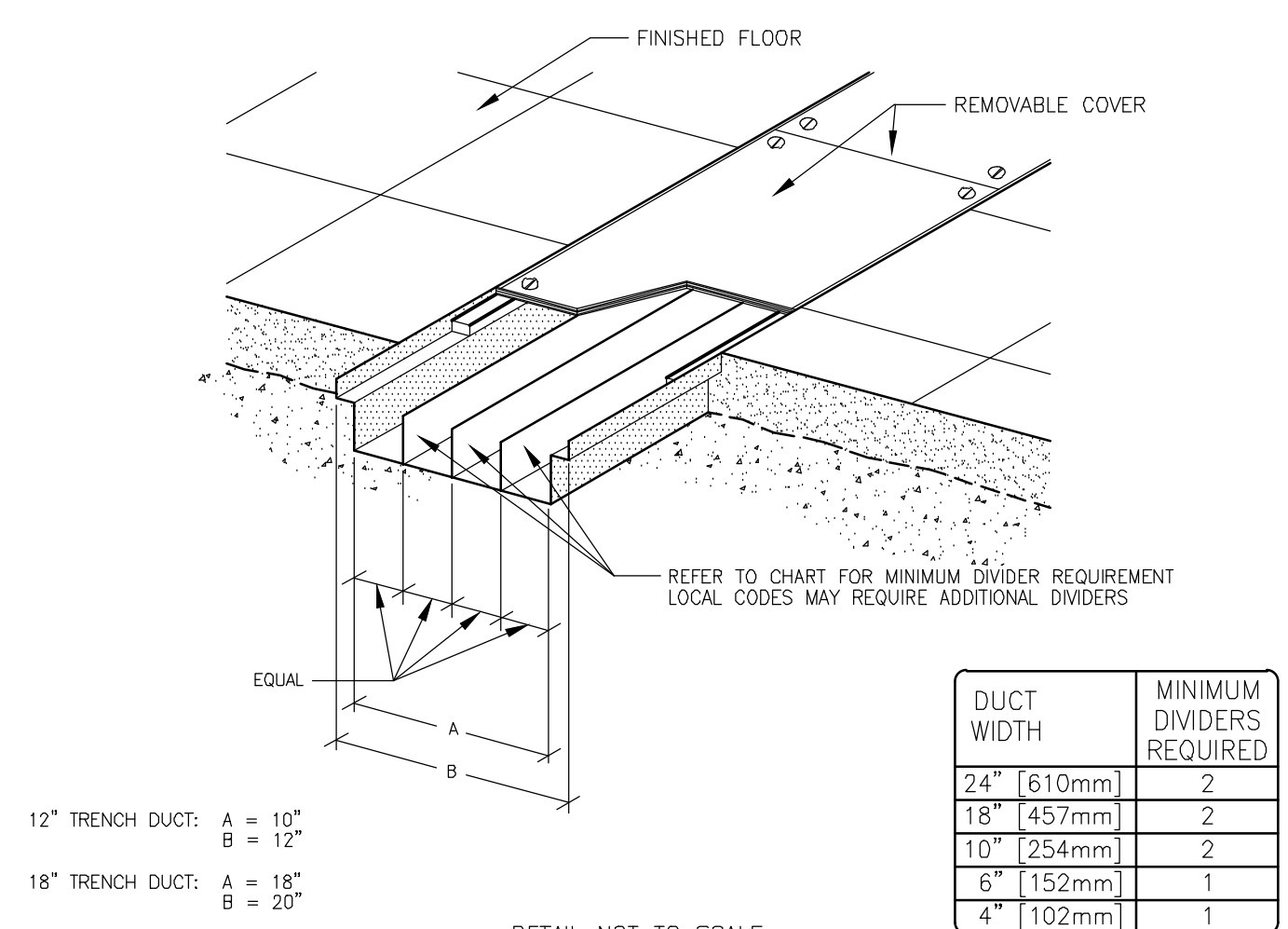
ELEC-110
REV. DATE: 01/18/07



DETAIL NOT TO SCALE

ELECTRICAL DETAIL
FLUSH FLOOR DUCT (TYPICAL)

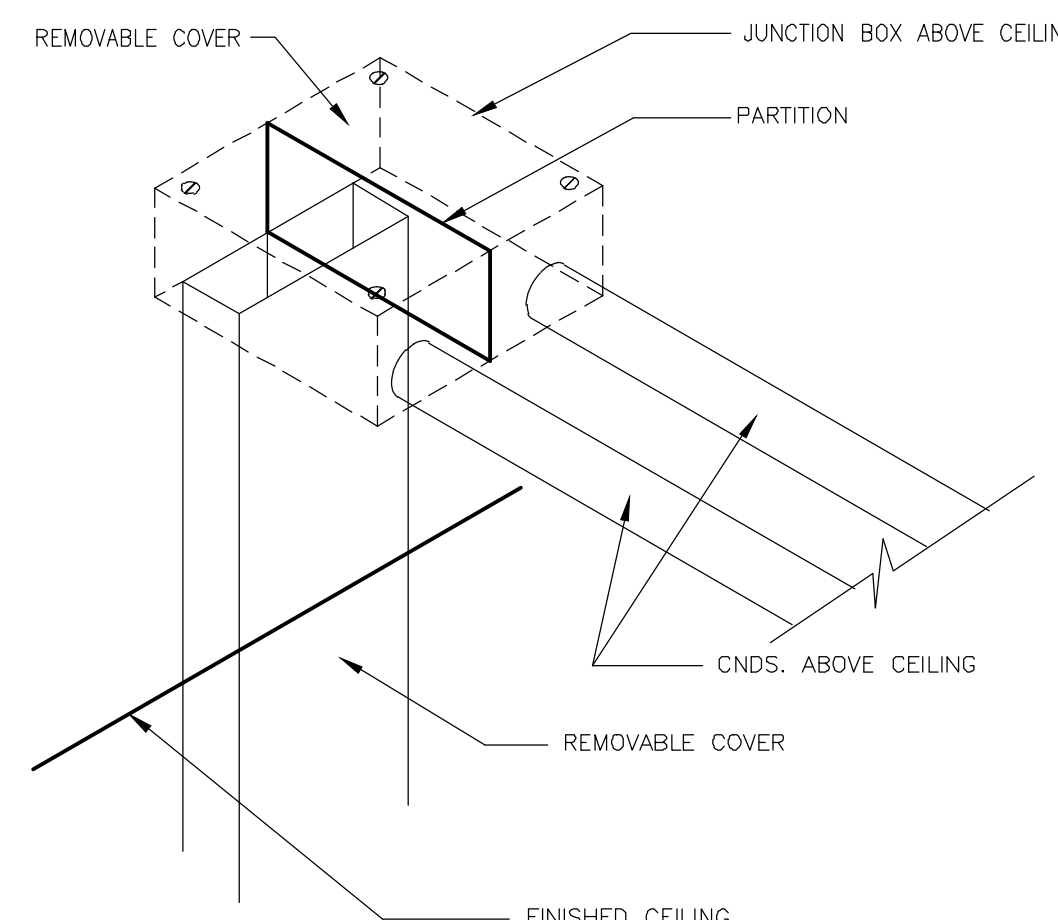
ELEC-3
REV. DATE: 4/01/04



DETAIL NOT TO SCALE

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

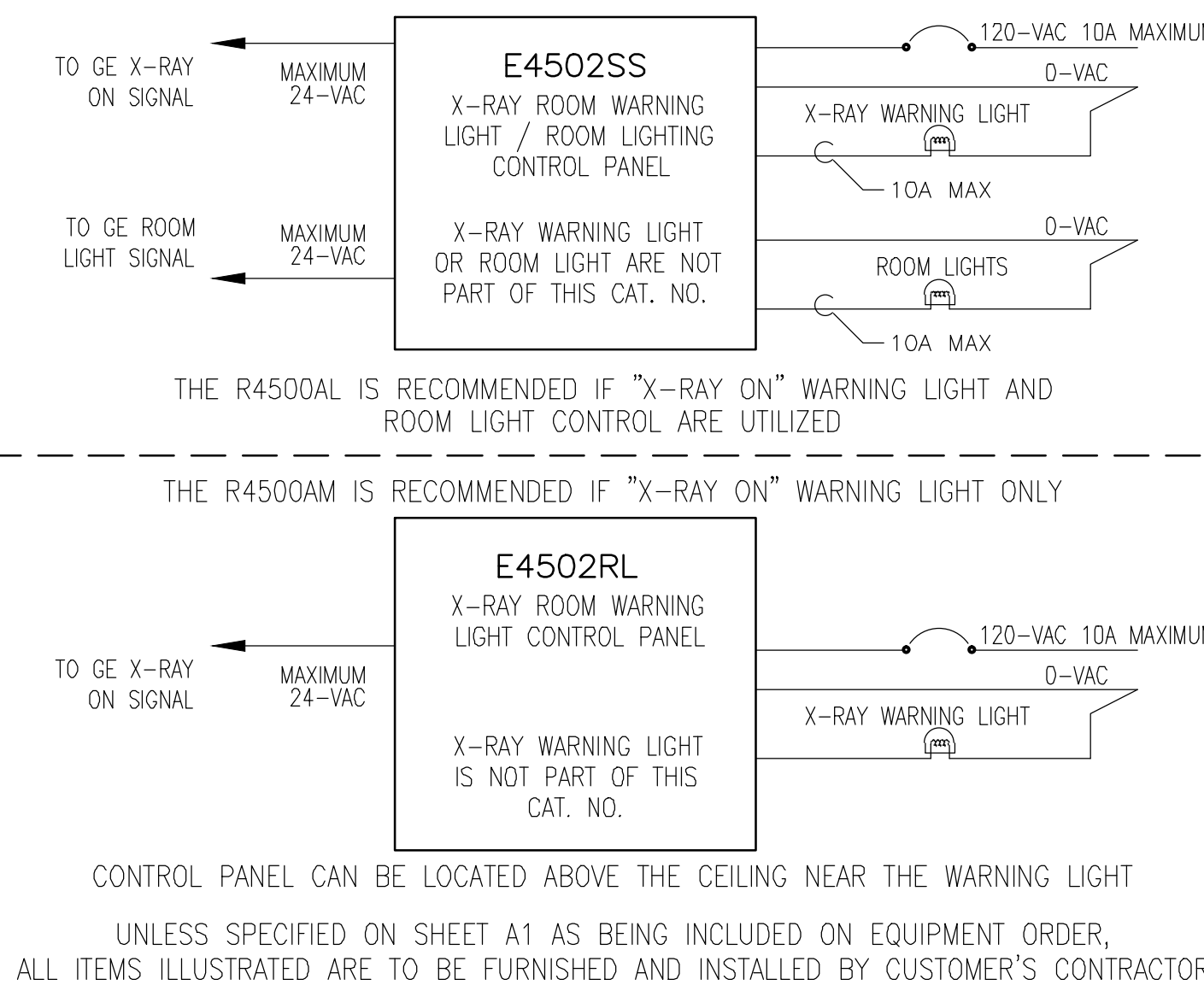
ELEC-2
REV. DATE: 09/30/94



DETAIL NOT TO SCALE

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

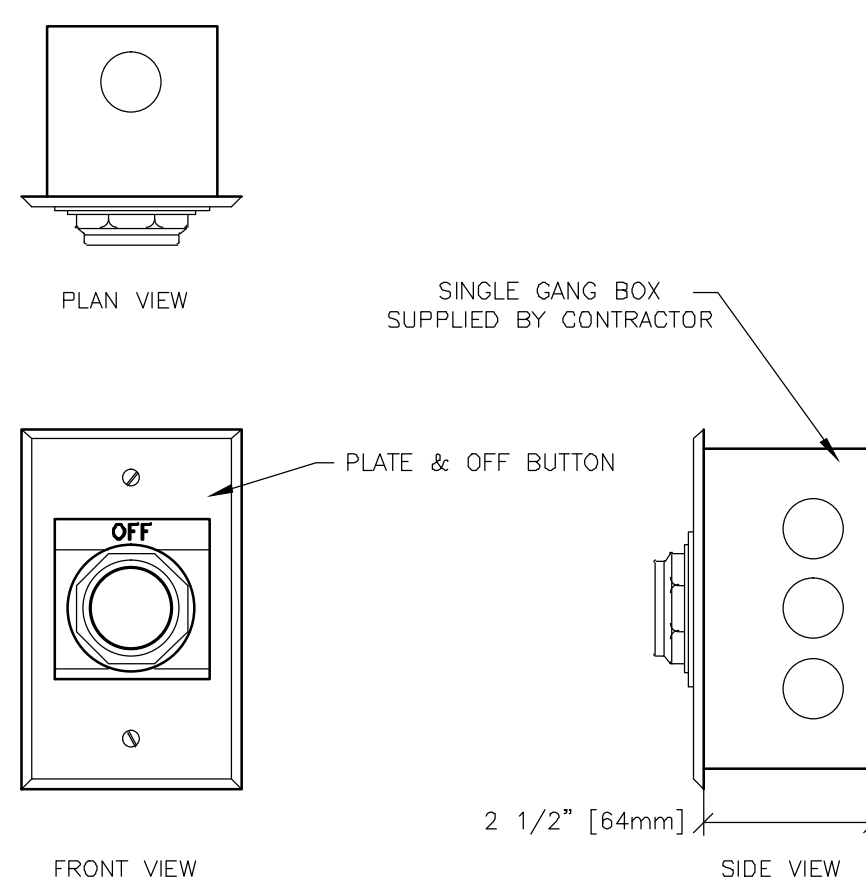
ELEC-17
REV. DATE: 05/14/09



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

ELECTRICAL DETAIL
EMERGENCY OFF BUTTON

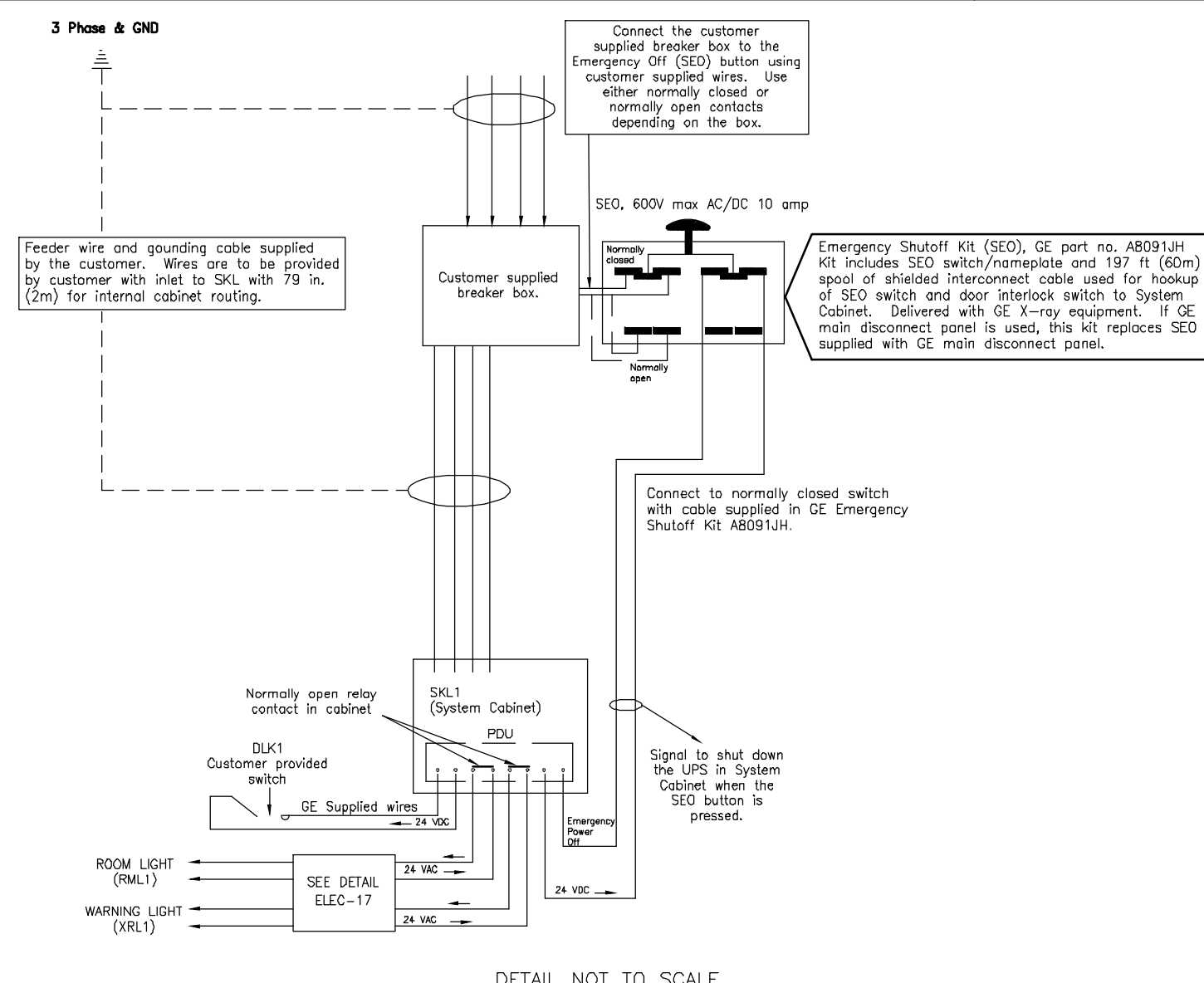
ELEC-16
REV. DATE: 05/14/09



DETAIL NOT TO SCALE

ELECTRICAL DETAIL
ROOM POWER SUPPLY

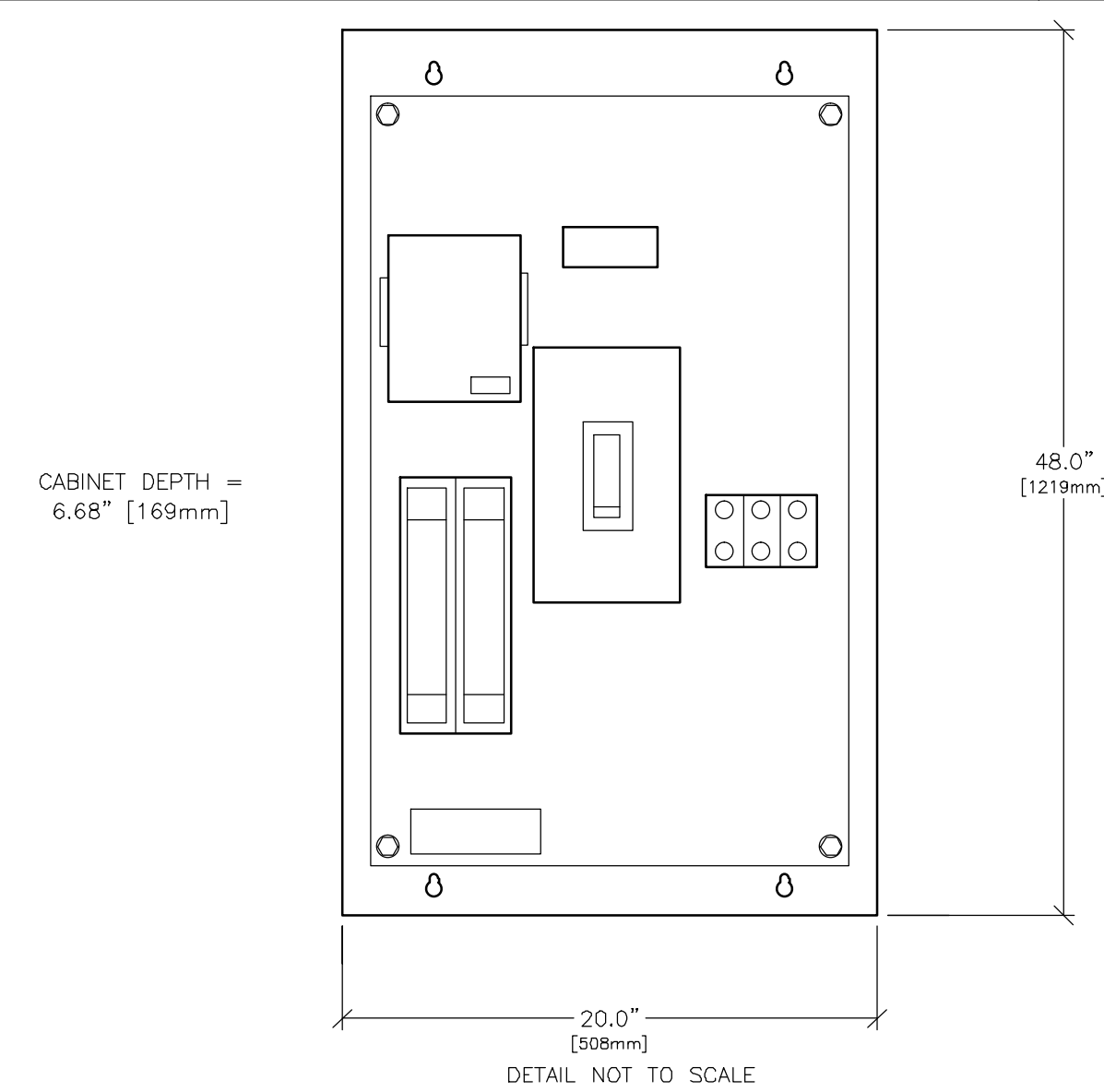
ELEC-116
REV. DATE: 10/27/08



DETAIL NOT TO SCALE

ELECTRICAL DETAIL
X-RAY MAIN DISCONNECT PANEL

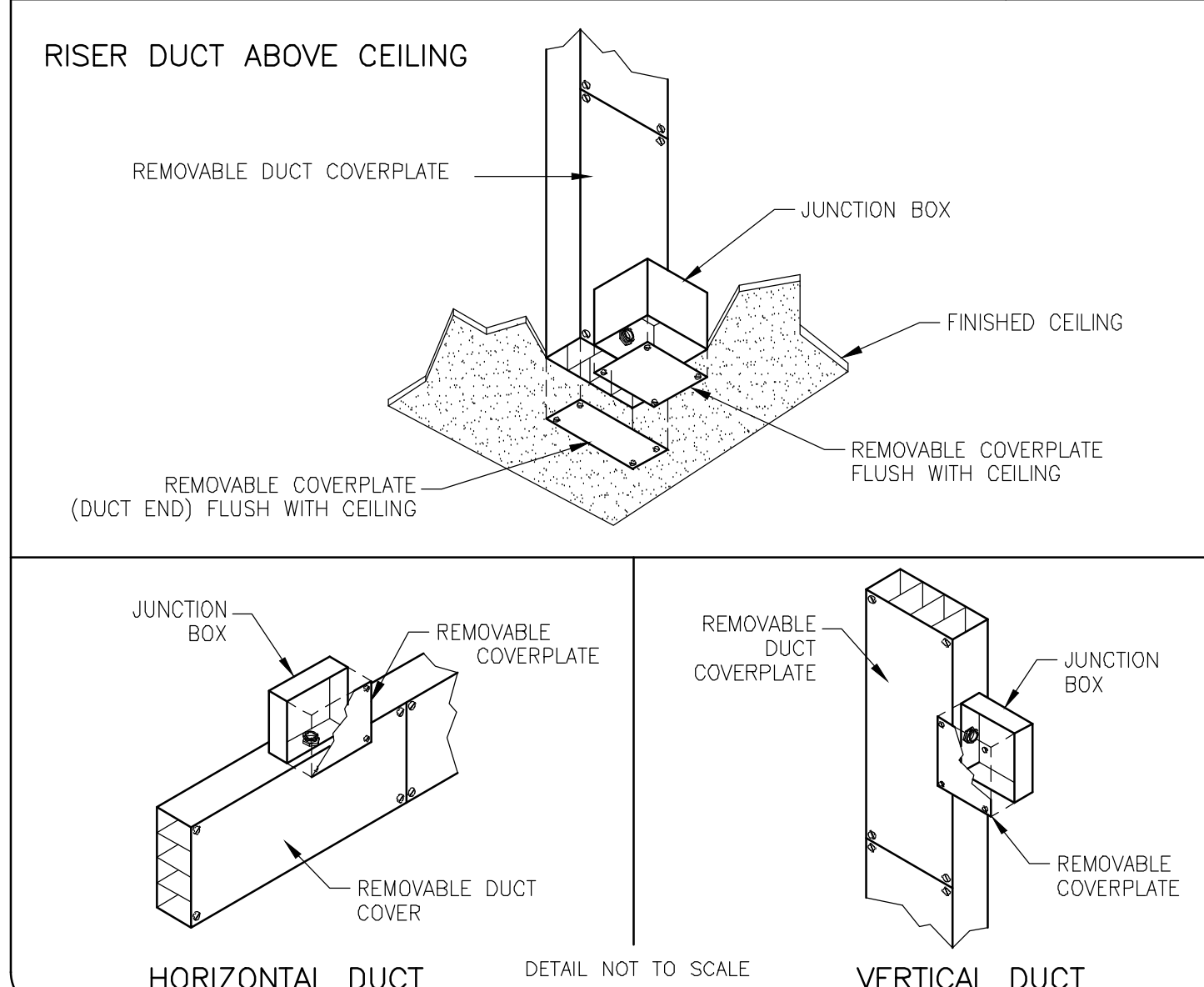
ELEC-15
REV. DATE: 01/25/07



DETAIL NOT TO SCALE

ELECTRICAL DETAIL
BOX ON DUCT (TYPICAL)

ELEC-28
REV. DATE: 04/09/98



DETAIL NOT TO SCALE

SHEET TITLE: ELECTRICAL DETAILS
MODALITY TYPE: PRECISION 500D

PROJECT TITLE: TYPICAL FINAL DRAWINGS
2-58F

PROJECT	REVISION
2-58F	00

DATE: 20.Sep.12
DRAWN BY: JLT
CHECKED BY: JDR

REVISION HISTORY:

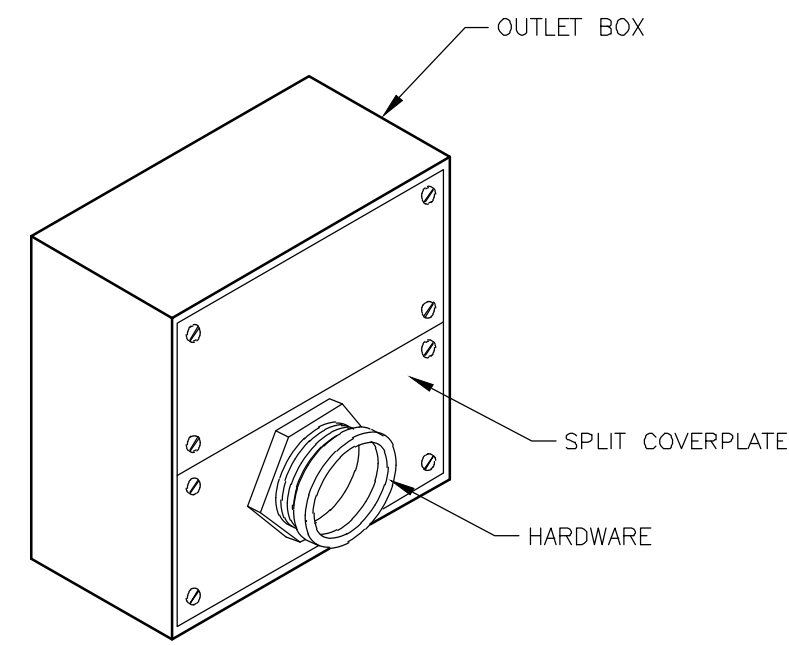
SHEET
E3

GE Healthcare
IS Services Design Center
Minneapolis, Wisconsin

THIS PLAN IS SUBMITTED TO SURVEY THE 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 THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE AND ALL LOCAL CODES. THE COMPANY CANNOT ACCEPT LIABILITY FOR ANY DAMAGES RESULTING THEREFROM.

ELECTRICAL DETAIL
BOX WITH SPLIT COVERPLATE (TYPICAL)

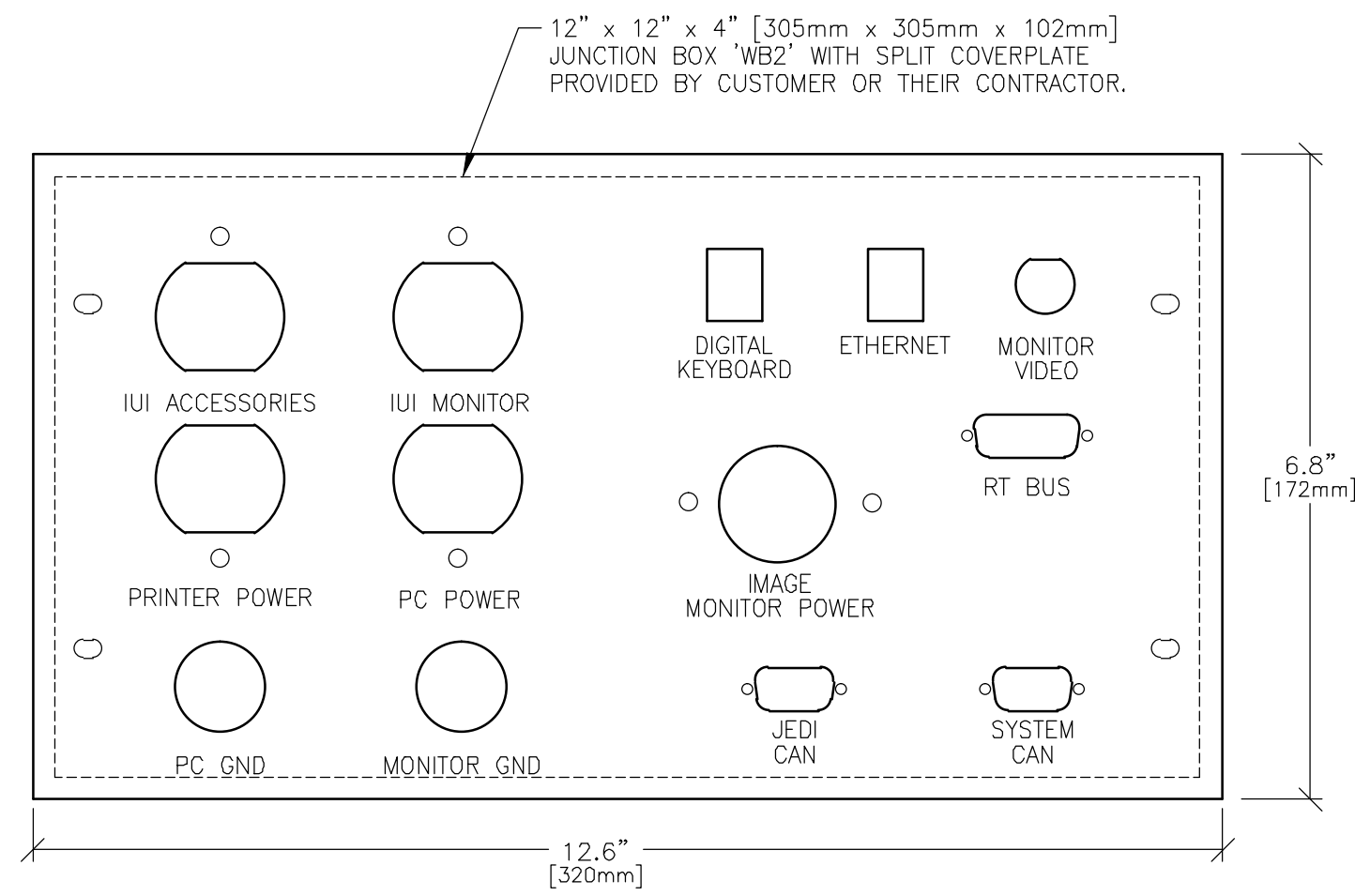
ELEC-7
REV. DATE: 09/30/94



DETAIL NOT TO SCALE

EQUIPMENT DETAIL
MAGIC OPERATORS CONSOLE WALL PLATE

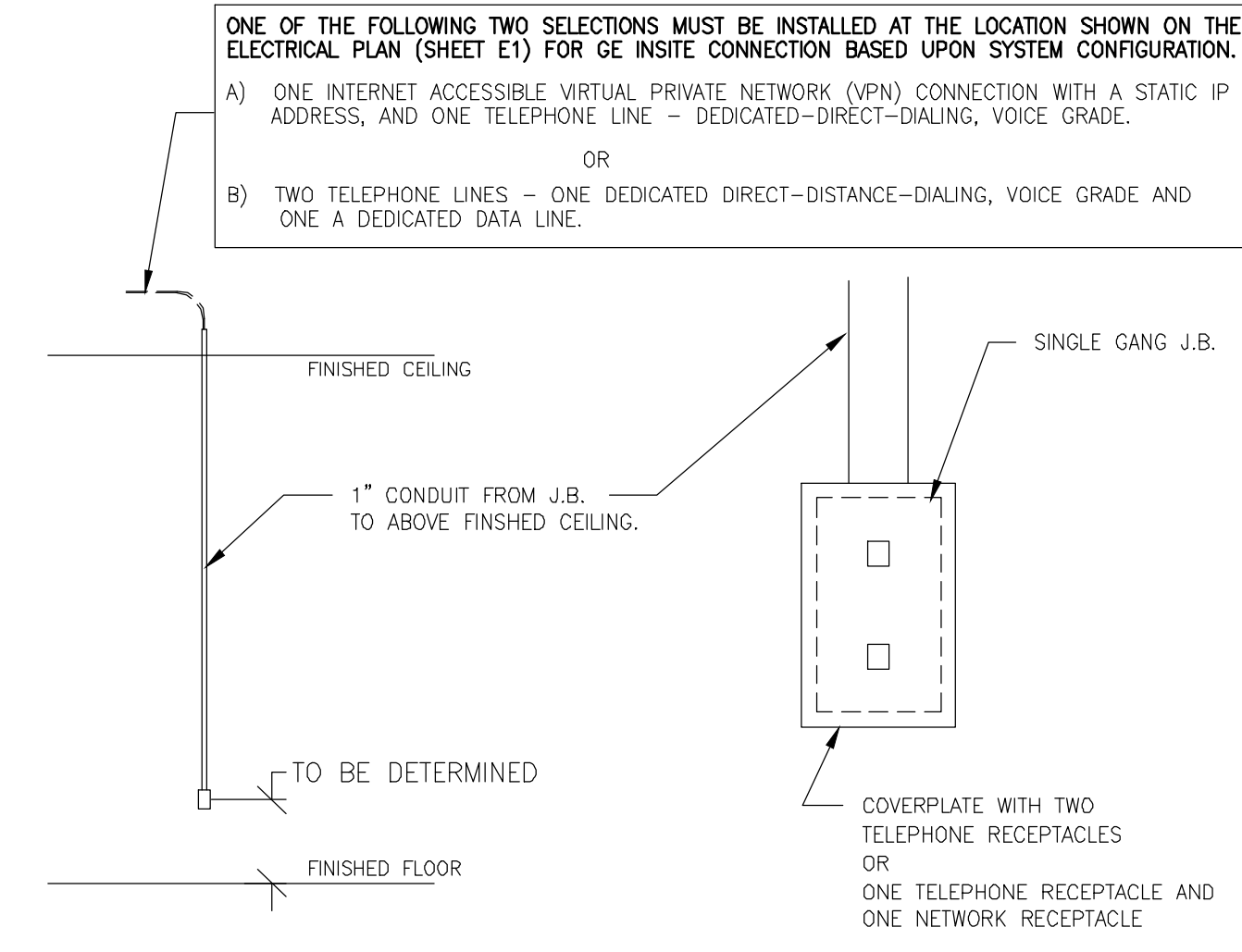
ELEC-144
REV. DATE: 03/22/11



DETAIL NOT TO SCALE

ELECTRICAL DETAIL
INSITE CONNECTION (TYPICAL)

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

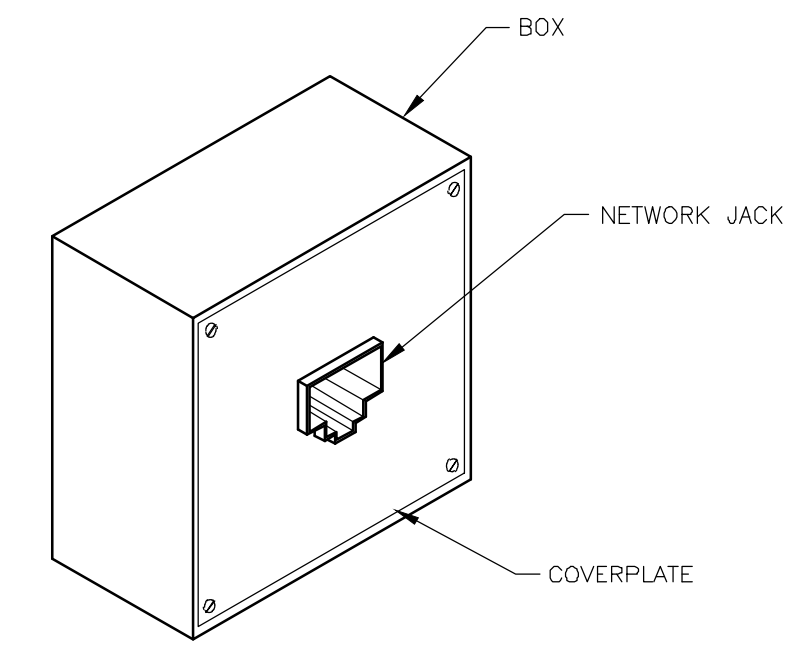


ALL ITEMS ILLUSTRATED ARE TO BE FURNISHED AND INSTALLED BY CUSTOMER OR THEIR CONTRACTOR.

DETAIL NOT TO SCALE

ELECTRICAL DETAIL
BOX WITH COVERPLATE AND NETWORK JACK

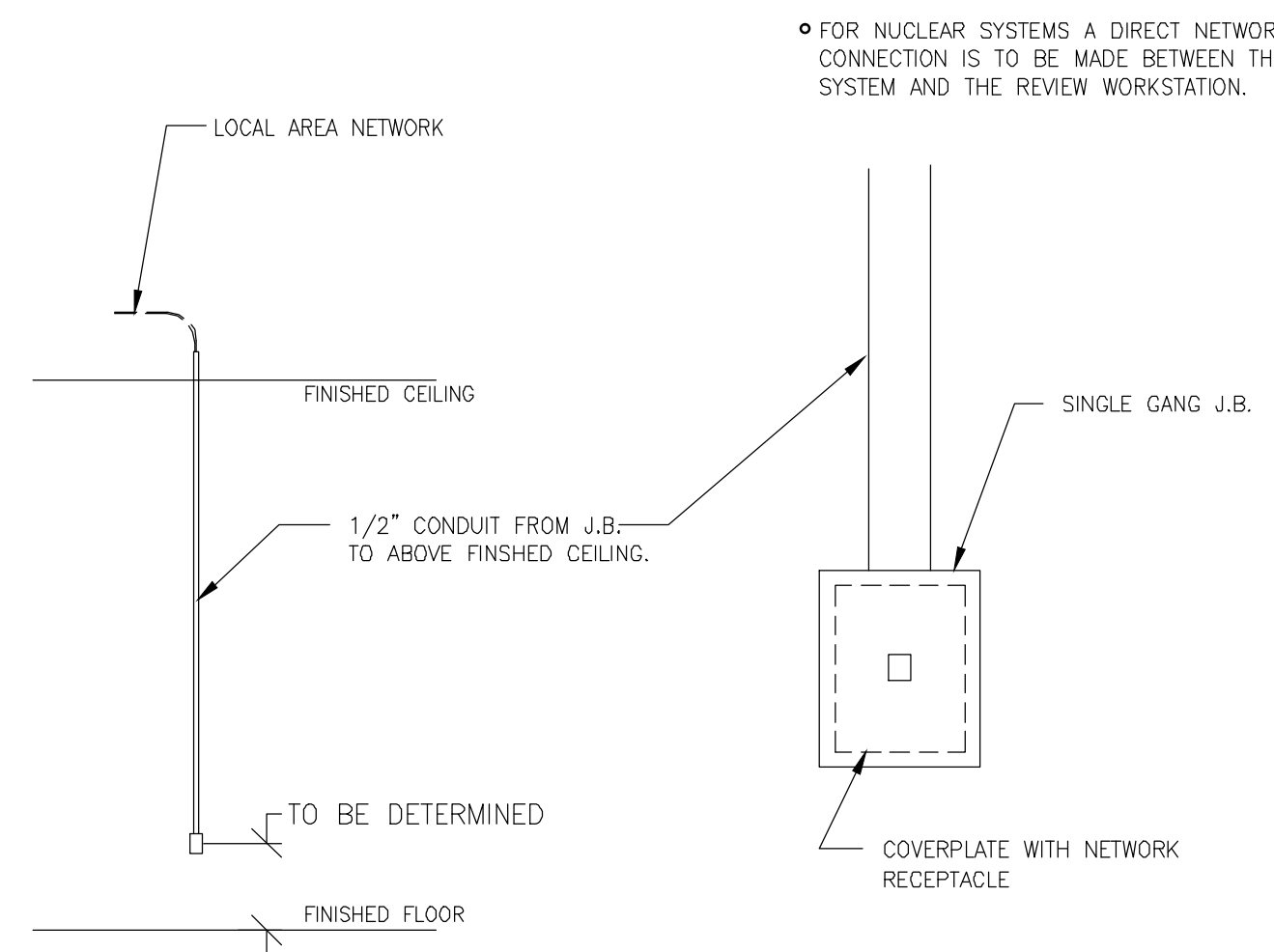
ELEC-83
REV. DATE: 10/06/98



DETAIL NOT TO SCALE

ELECTRICAL DETAIL
NETWORK CONNECTION (TYPICAL)

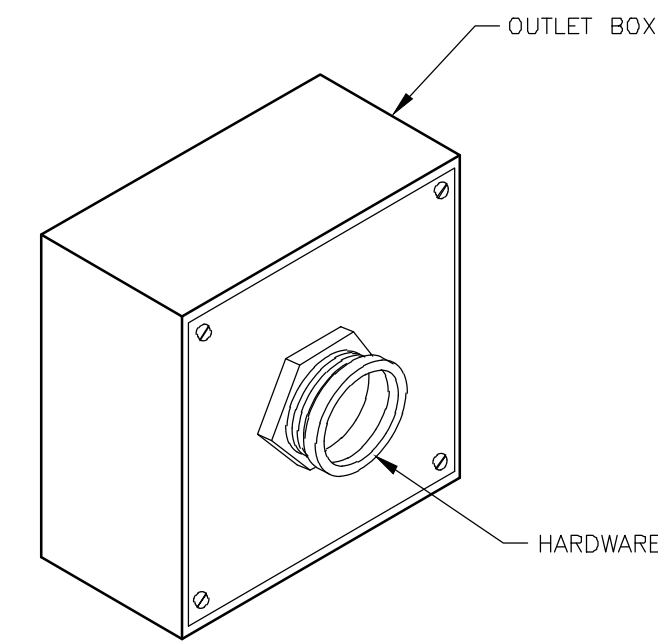
ELEC-84
REV. DATE: 03/06/04



DETAIL NOT TO SCALE

ELECTRICAL DETAIL
BOX WITH COVERPLATE (TYPICAL)

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



DETAIL NOT TO SCALE

SHEET TITLE: ELECTRICAL DETAILS
MODALITY TYPE: PRECISION 500D

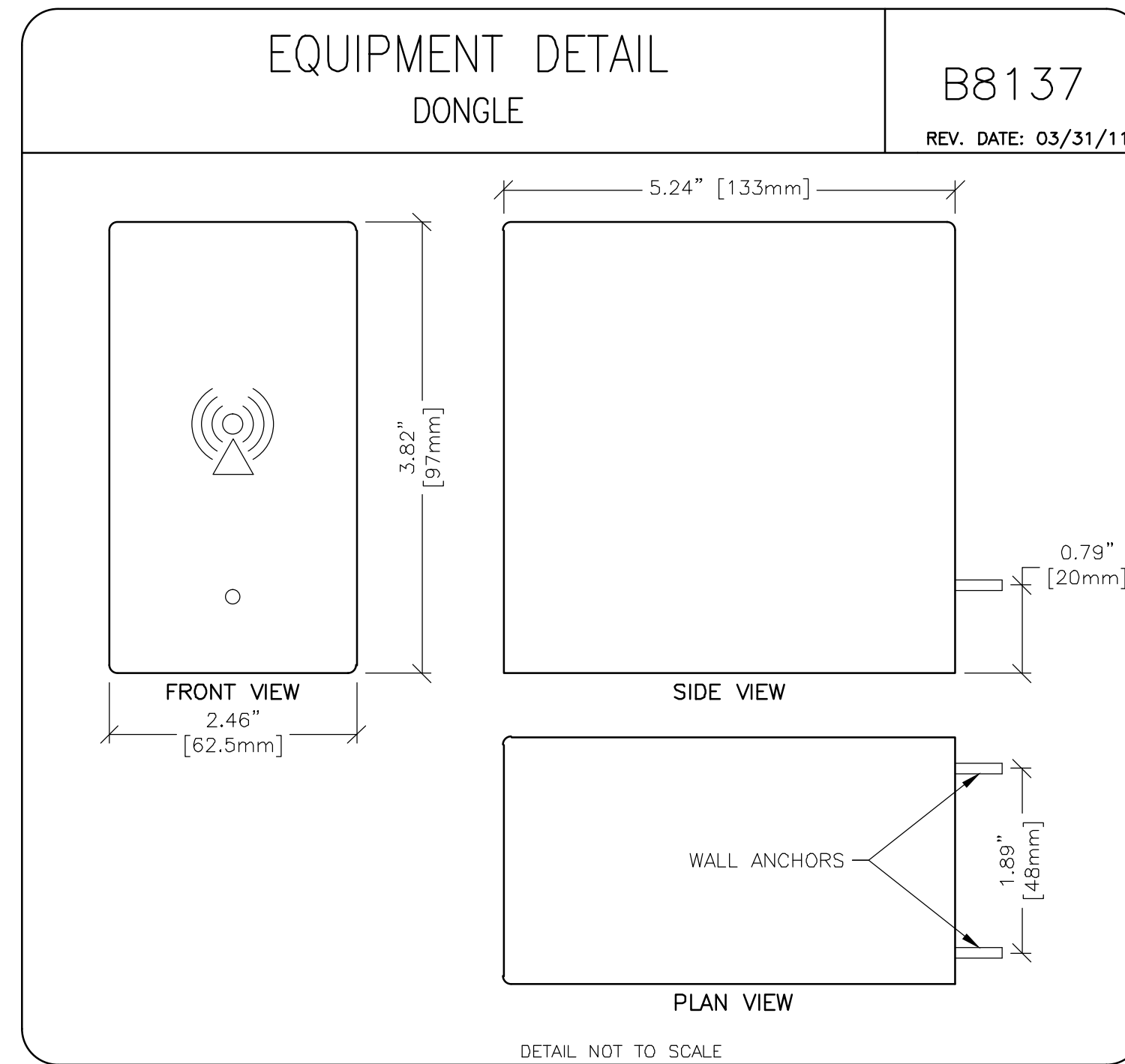
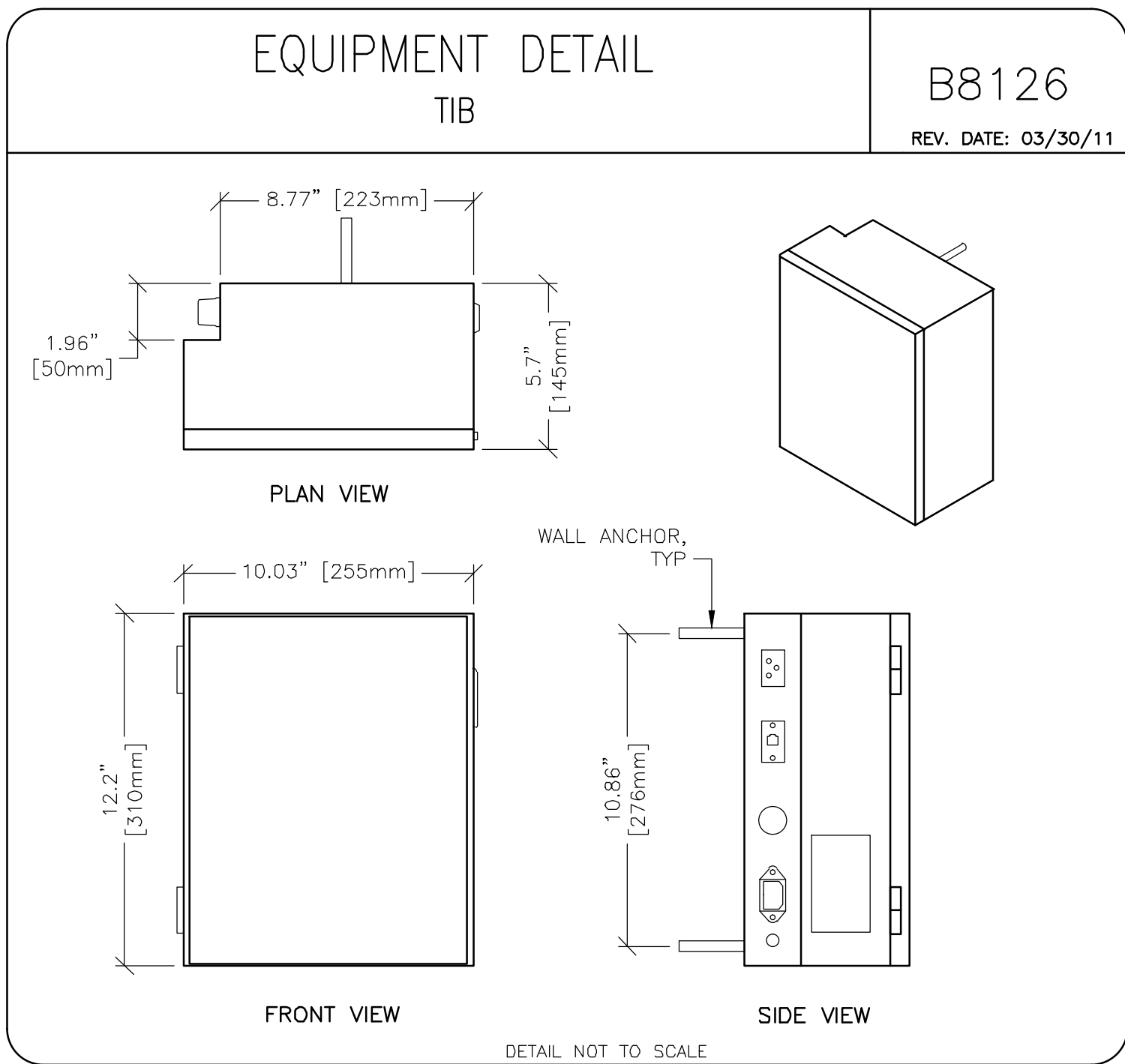
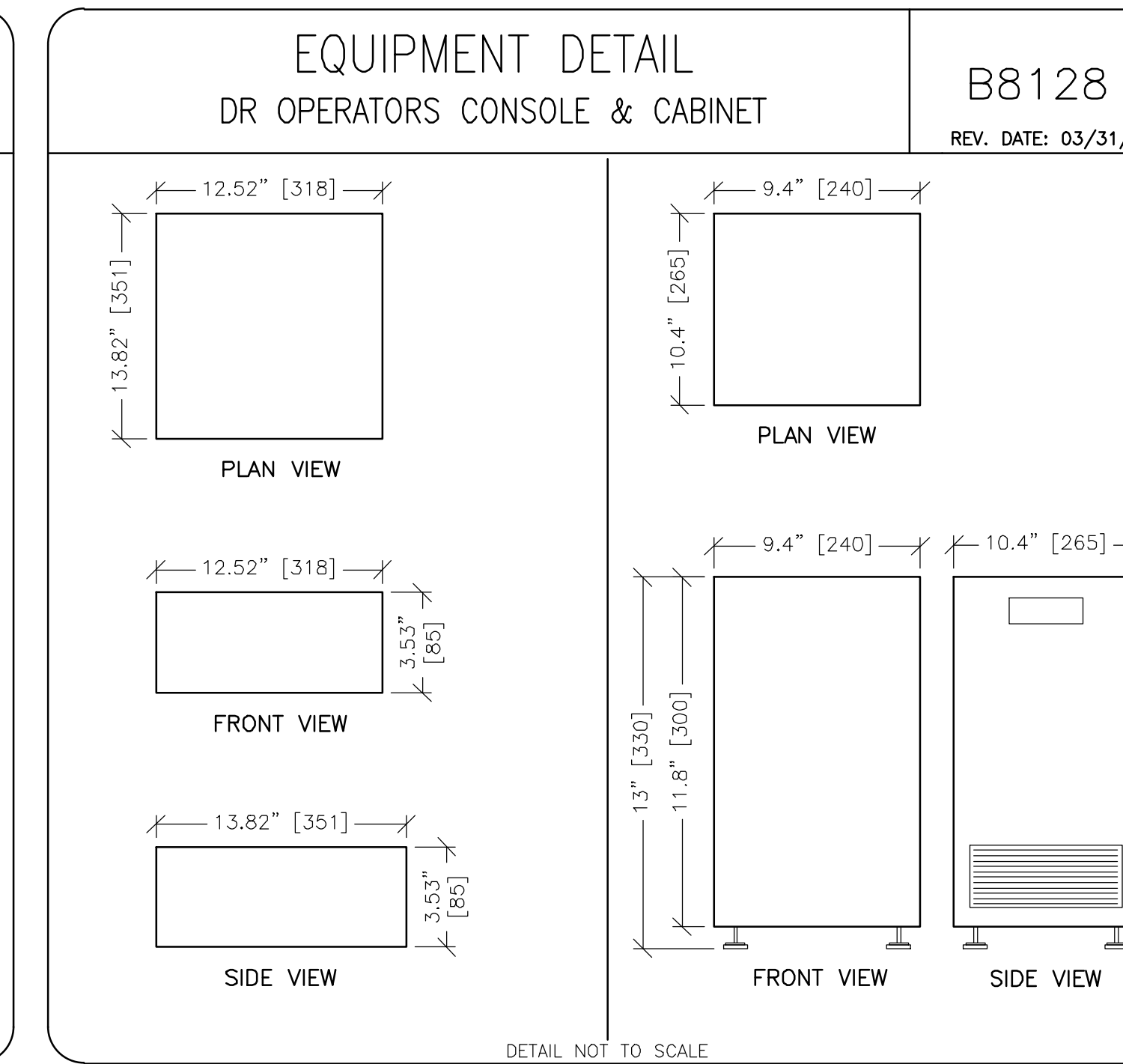
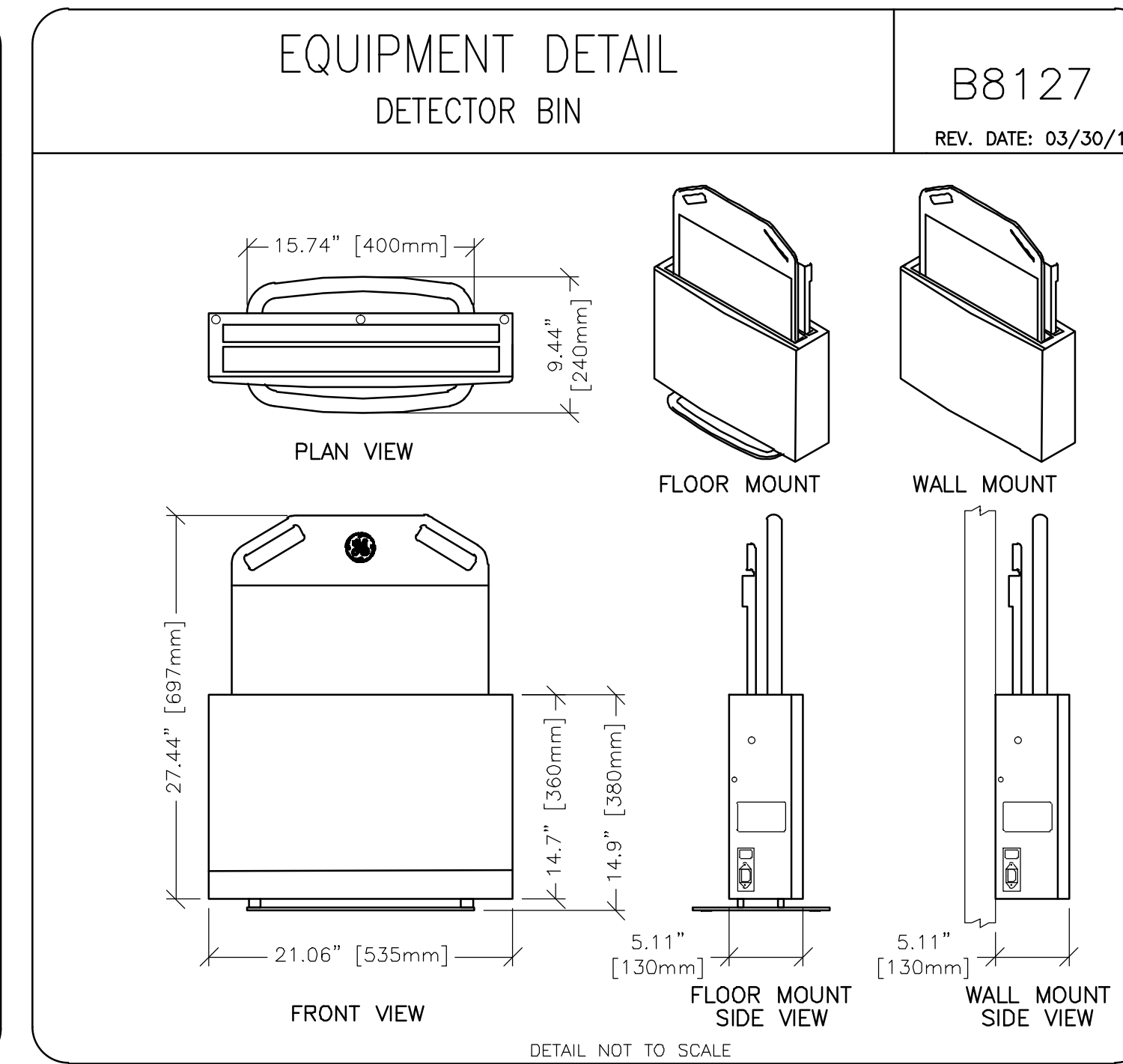
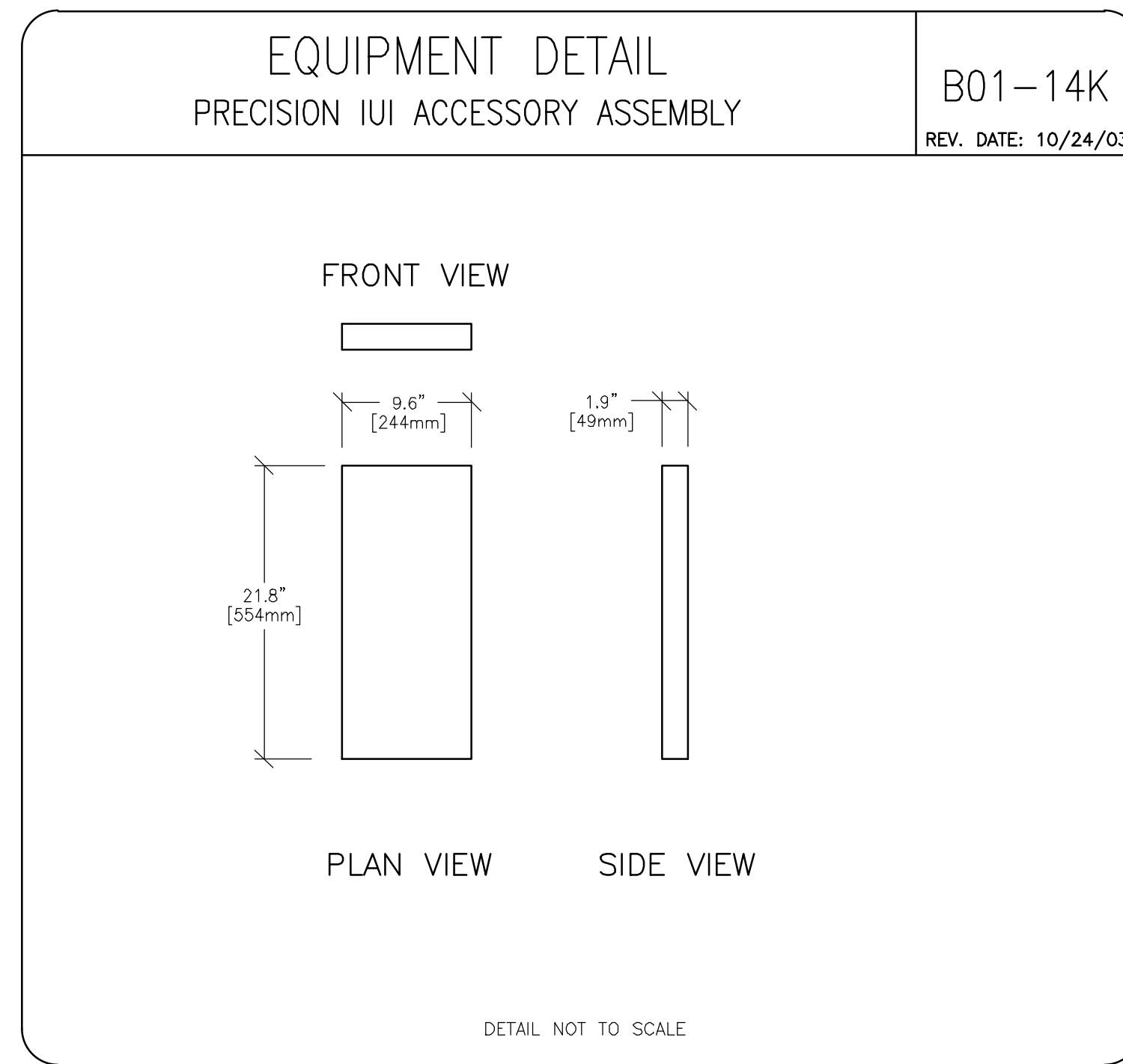
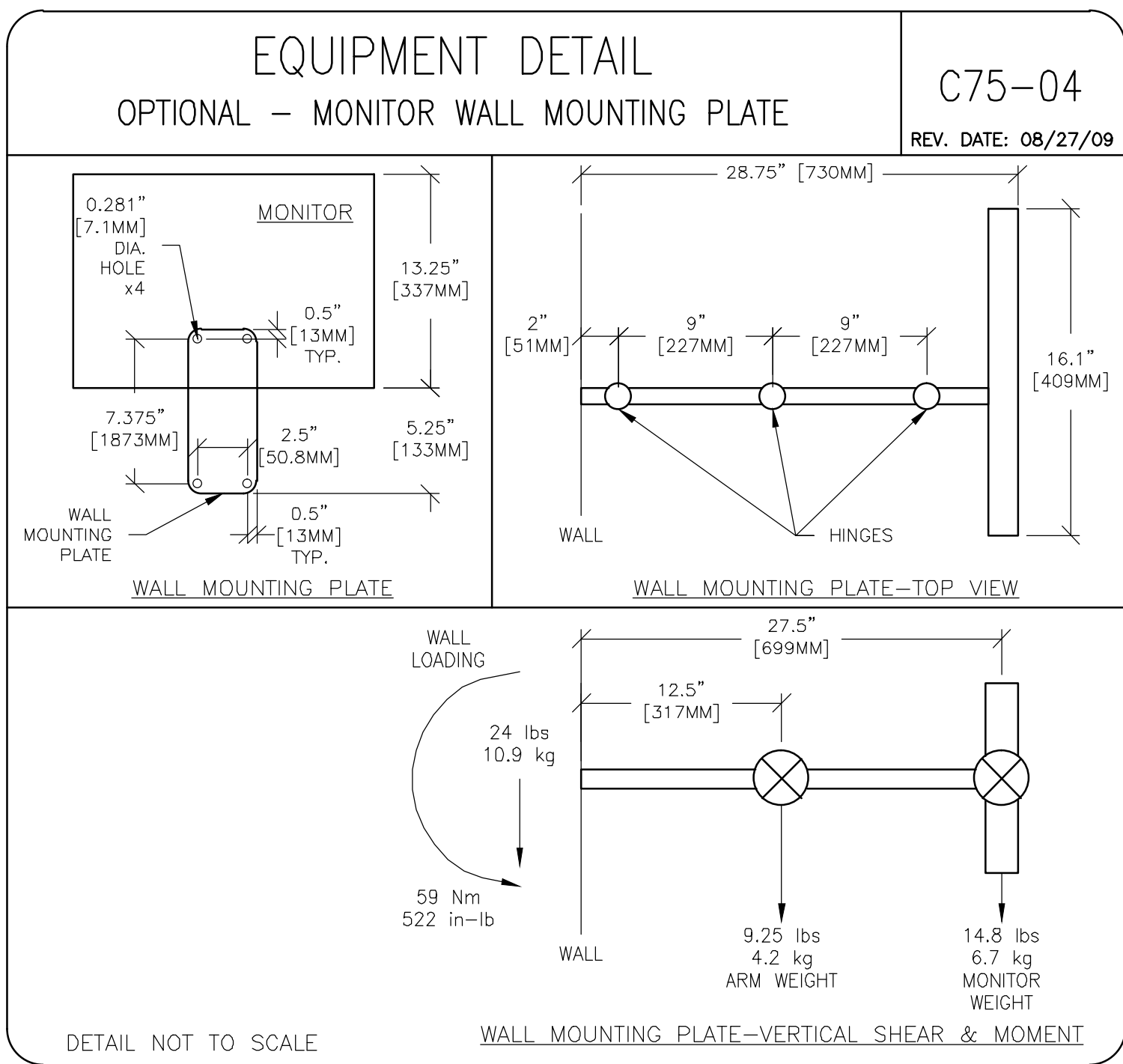
THIS PLAN IS SUBMITTED TO SUBJECT LOCATION OF GE HEALTHCARE EQUIPMENT AND ASSOCIATED APPARATUS. ELECTRICAL WIRING DETAILS AND ROOM ARRANGEMENTS IN PREPARING THIS PLAN, EVERY EFFORT HAS BEEN MADE TO CONFORM DETAILS TO THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE AND THE NATIONAL ELECTRICAL INSTALLATION REGULATIONS. HOWEVER, THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE:
TYPICAL FINAL DRAWINGS
2-58F

PROJECT	REVISION
2-58F	00
DATE:	20.Sep.12
DRAWN BY:	JLT
CHECKED BY:	JDR

REVISION HISTORY:

SHEET
E4



GE Healthcare
IS Services Design Center
Milwaukee, Wisconsin

SHEET TITLE: EQUIPMENT DETAILS
MODALITY TYPE: PRECISION 500D

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 DETAILS AND DIMENSIONS SHOWN ON THE DRAWINGS. IT IS ADVISED THAT THE COMPANY CANNOT BE HELD RESPONSIBLE FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE:
TYPICAL FINAL DRAWINGS 2-58F

PROJECT	REVISION
2-58F	00
DATE:	20.Sep.12
DRAWN BY:	JLT
CHECKED BY:	JDR

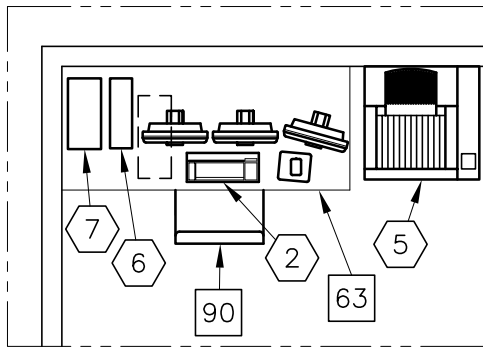
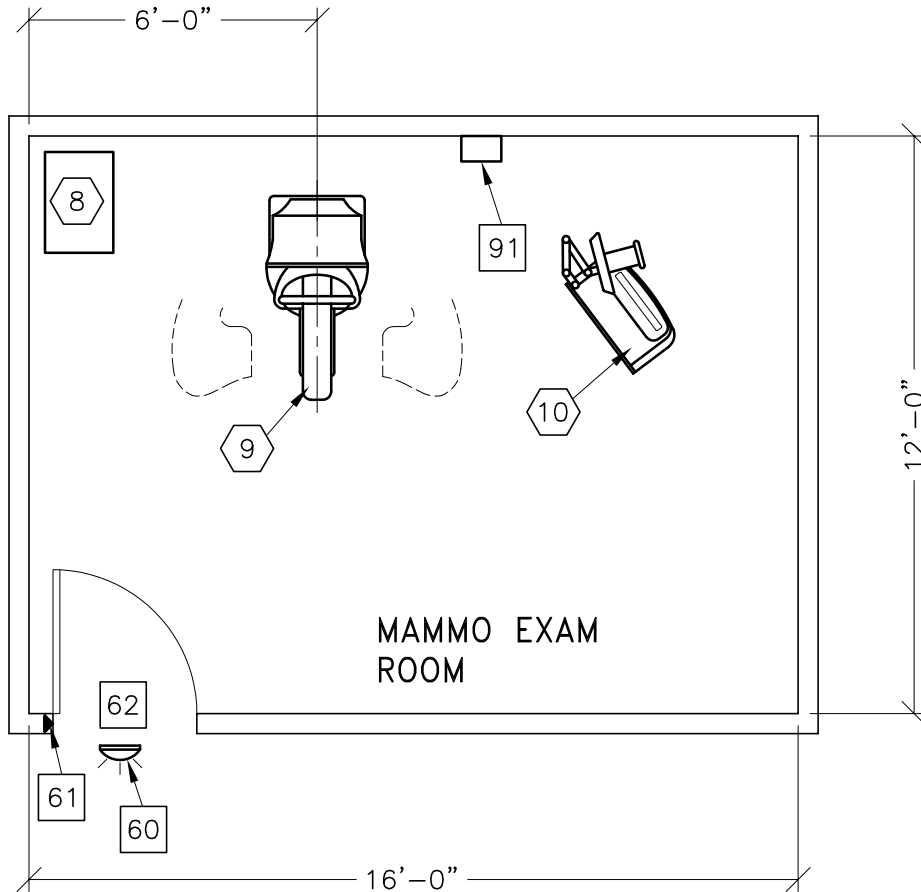
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SHEET
D2

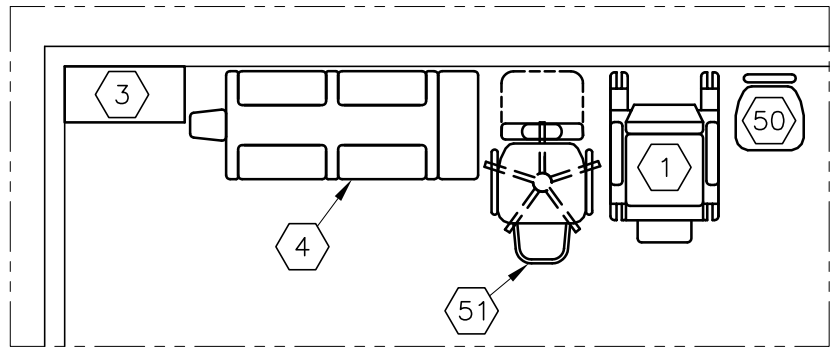
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RQ - 130122



SENOGRAPHE ESSENTIAL

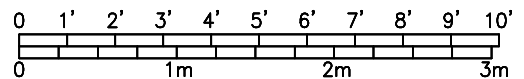


(VERIFY LOCATION)



(OPTIONS FOR INSIDE MAMMO EXAM ROOM)

ROOM DIMENSIONS	LENGTH & WIDTH	CEILING HEIGHT
MINIMUM:	10'-0" x 12'-0" [3.5m x 3.7m]	8'-0" [2.4m]



SEE APPENDIX "A" FOR POWER SPECIFICATIONS

ROOM PLAN LOCATED ON PAGE 9-32

ITEM	QUANTITY	ITEM DESCRIPTION	WEIGHT	HEAT OUTPUT
①	1	MAMMOGRAPHY AND BIOPSY CHAIR	160 lbs	
②	1	REVIEW WORKSTATION	134 lbs	2590 btu
③	1	MAMMO ACCESSORIES STORAGE CABINET	48 lbs	
④	1	DBI IMAGING TABLE MODEL 7407	315 lbs	
⑤	1	AGFA DRYSTAR AXYS IMAGER	198 lbs	238 btu 1805 btu
⑥	1	UPS SYSTEM	68 lbs	955 btu
⑦	1	CAD OPTION	33 lbs	955 btu
⑧	1	SENOGRAPHE ESSENTIAL GENERATOR	352 lbs	3061 btu
⑨	1	SENOGRAPHE ESSENTIAL GANTRY <BTU'S INCLUDE CONTROL CONSOLE>	789 lbs	341 btu
⑩	1	SENOGRAPHE ESSENTIAL CONTROL STATION	462 lbs	
⑤①	1	HYDRAULIC CHAIR		
⑤②	1	DELUXE RECLINING CHAIR <CAT NO E6315HB>		
***** CUSTOMER/CONTRACTOR SUPPLIED AND INSTALLED ITEMS *****				
⑥①		X-RAY ON WARNING LIGHT - AVAILABLE FROM GE SUPPLY CALL: 800-200-9760 GE CAT. NO. WXIABWW-0F-XIU-24<LED> <NEEDED ONLY IF REQUIRED BY STATE/LOCAL CODES>		
⑥②		DOOR LIMIT SWITCH <NEEDED ONLY IF REQUIRED BY STATE/LOCAL CODES>		
⑥③		MINIMUM DOOR OPENING FOR EQUIPMENT DELIVERY IS 28 IN. W x 79 IN. H [711mm x 2006mm], CONTINGENT ON A 60 IN. [1524mm] CORRIDOR WIDTH		
⑥④		COUNTERTOP FOR EQUIPMENT		
⑥⑤		OPERATORS CHAIR		
⑥⑥		MAIN DISCONNECT CONTROL, WALL MOUNTED GEMS CAT. NO. E4502B, 65 lbs. SEE DETAIL R4502B.		

ENVIRONMENT

Ambient Operation Temperature: 59-95° F (15-35° C)
 Allowable Temperature Change: 3.6° F (1.5° C) per hour
 Humidity: 40-75 percent non condensing
 Allowable Humidity Change: 10 percent per hour
 Max - Altitude: 9840 ft. (2999 M) above sea level



FEEDER TABLE

FEEDER TABLE

REV. DATE: 03/08/04

- 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 WIRES. 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.
 - IF THE GENERAL ELECTRIC EQUIPMENT IS BEING FED BY A DELTA SECONDARY, IT IS RECOMMENDED THAT THE B PHASE ON THE SECONDARY BE CONNECTED TO GROUND TO PREVENT DAMAGE TO THE SYSTEM.
 - FOR A FULL SYSTEM UPS, REFER TO ELECTRICAL DETAILS FOR UPS FEEDER WIRES.
 - * MINIMUM WIRE SIZE FOR CIRCUIT BREAKER, BASED ON RECOMMENDED OVERCURRENT PROTECTION.
- NOTE : ALL WIRE IMPEDANCES MUST BE 0.2 OHMS OR LESS

RUN LENGTH IN FEET	POWER SUPPLY VOLTAGE			
	180-220 200	187-229 208	198-242 220	216-264 240
	SIZE OF FEEDERS AND GROUND WIRES (AWG)			
50	10	10	10	* 10
100	6	8	8	8
150	4	6	6	6
200	4	4	4	6
250	3	3	4	4
300	2	2	3	4
350	1	2	2	3
400	1	1	2	2
450	1/0	1/0	1	2

POWER SPECIFICATIONS

SENOGRAPHE DS/ESSENTIAL

REV. DATE: 01-04-07

VOLTAGE

PRIMARY SOURCE IS REQUIRED FOR ALL INSTALLATIONS.
 RANGE OF LINE VOLTAGES :
 NOMINAL LINE VOLTAGE OF 200V TO 240V 1 PHASE, 50 OR 60 Hz.

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
		MOMENTARY	
200	180 - 220	47	30-A
208	187 - 229	45	30-A
220	198 - 242	43	30-A
240	216 - 264	39	30-A

MAXIMUM MOMENTARY LINE CURRENTS INDICATED AT MINIMUM LINE VOLTAGE.

POWER DEMAND

INSTANTANEOUS MAX. POWER DEMAND = 9 KVA UP TO 6 SECONDS
 STANDBY POWER DEMAND = 1.5 KVA

TABLE B
 MAXIMUM
 MOMENTARY
 POWER
 DEMAND.

DEMAND	SENO 2000 DS
kVa POWER FACTOR AT	9 0.6
mA	600
kVp	40

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
EQUIPMENT DETAILS	D1

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 *

Senographe Essential
Pre Installation Manual
5160036-11-8EN

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



Women's Health 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 18					
<small>Before using this document ensure you have the latest Rev from MyWorkshop on DCC0422762</small>					
GEHC Global Order# :		Customer:			
GEHC PIM# :		FE / Installer:			
The customer is responsible for proper site preparation regardless of any GEHC measurements/inspections/assessments.					
ITEM #	Inspection Date:	Storage: Is temporary?	PM: Is temporary?	FE: Is temporary?	Comments If "N", enter comments or action plan
1	RF Magnet Delivery Requirements: Ensure oxygen venting system is designed and installed with objective evidence that it is compliant with the GEHC Pre-Installation Manual (PIM) requirements, exhaust fan system is installed and operational, 480V power, and chilled water supply is available (2x) that meets system cooling requirements. External connectivity is available for magnet monitoring and phone service is available during delivery.				
2	RF Screen Room Requirements: RF Screen Room is to be sealed with objective evidence that it is compliant with GEHC specifications. Doors to be installed using 2-part anchors. For HDi systems, blower beam sunk bolts installed by RF vendor using 2-part anchors.				
3	State Regulatory Requirements: Site Drawing Requirements: Final version of equipment installation drawing (including red lined version) verified to match actual room and has been provided to installer. X-ray shielding plan and state acknowledgment letter provided to installer for AR, DC, NC, SC, CO & WA.				
4	Site Drawing Requirements: Final version of equipment installation drawing (including red lined version) verified to match actual room and has been provided to installer.				
5	Surface Penetration Requirements: Customer/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.				
5	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 verify meet the minimum requirements for equipment access, and all communications/facilities have occurred. Arrangements have been made for special handling/elevator, rigging/floor protection, fork lift, rollback truck, etc.				
5	Finished Room Requirements: Rooms that will contain equipment, including storage areas not in scan suite, are dust-free. Provisions taken to maintain 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 (and covered on Day 1). No contractor work being done during or after the installation that will cause dust in the installation area or potential equipment damage. Room security to prevent unauthorized access and theft has been discussed with customer. The customer is aware of those security issues, implications and responsibility. For Storage Room must meet PIM requirements for storage.				
5	Electrical Requirements: Main Disconnect Panel (MCP) is installed and system power is available. Conduits, electrical cable ducting/divers/cable trays, and raceway flooring is installed in proper location and height. Surface floor duct and load-side wires can be installed anytime of system installation.				
5	HVAC Requirements: The HVAC/Chilled Water systems designed to maintain the environment are running and appear to provide the desired environmental conditions (temperature and humidity) for system operation.				
5	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.				
5	Ceiling Requirements: Lint trap (or equivalent) location, levelness and spacing is measured for vendor confirmation and consistent with the requirements of the installation drawings. Ceiling tiles installed. Permanent lighting is installed and operable and HVAC diffusers are installed and connected to ductwork. Ceiling tiles installed per PIM discussion.				

GE Healthcare

IS Services Design Center
Minneapolis, WI
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SHEET TITLE: SITE READINESS
MODALITY TYPE: SENOGRAPHE ESSENTIAL

THIS PLAN IS SUBMITTED TO CURBEST 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 LATEST REVISED DRAWINGS. IT IS ADVISED TO THE CUSTOMER THAT THE COMPANY CANNOT ACCEPT LIABILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE:
**TYPICAL FINAL
INSTALLATION DRAWING**
BROOKFIELD, WISCONSIN

PROJECT	REVISION
9-32f	00
DATE: 09 Jan. 12	
DRAWN BY: KMR	
CHECKED BY: KMR	

REVISION HISTORY:

SHEET
C1

PIM R1
RQ - 124195

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

NOTE: LOCAL CONDITIONS MAY DICTATE THAT ITEMS IDENTIFIED IN THIS CATEGORY BE INSTALLED BY OTHERS.

EQUIPMENT CROSS REFERENCE CHART
 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		MAMMOGRAPHY AND BIOPSY CHAIR	160 lbs		B7123	---	---
2	1		REVIEW WORKSTATION	134 lbs	2590 btu	M1011AM	---	C
3	1		MAMMO ACCESSORIES STORAGE CABINET	48 lbs		E631ST	---	---
4	1		DBI IMAGING TABLE MODEL 7407	315 lbs			---	---
5	1		AGFA DRYSTAR AXYS IMAGER	198 lbs	238 btu 1805 btu		---	---
6	1		UPS SYSTEM	68 lbs	955 btu	B7120A	---	S
7	1		CAD OPTION	33 lbs	955 btu	B7120	---	C
8	1		SENOGRAPHE ESSENTIAL GENERATOR	352 lbs	3061 btu	B7119	---	C
9	1		SENOGRAPHE ESSENTIAL GANTRY (BTU'S INCLUDE CONTROL CONSOLE)	789 lbs	341 btu	B7124	---	S
10	1		SENOGRAPHE ESSENTIAL CONTROL STATION	462 lbs		B7126	---	S

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

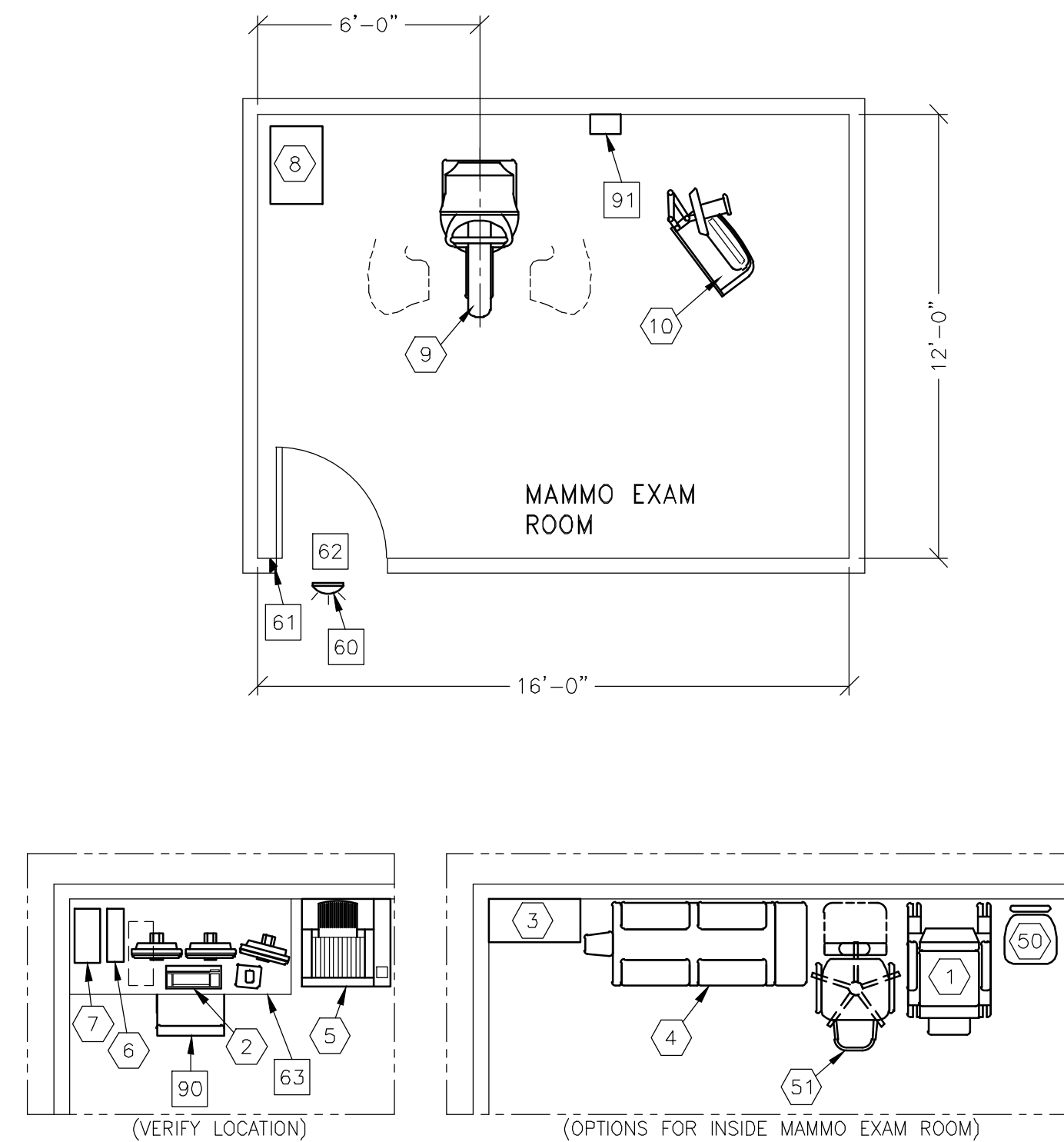
EQUIPMENT LAYOUT

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:

FOR ANALOG SYSTEMS A STABLE FILM PROCESSOR IS REQUIRED, H&D CURVES WITHIN THE MANUFACTURER'S SPECIFICATIONS FOR FILM, PROCESSING AND CHEMICALS.
 FOR DIGITAL SYSTEMS A LASERCAMERA IS REQUIRED. WITHOUT THIS, EXTENSIVE, UNWANTED DELAYS WILL OCCUR. PLEASE MAKE EVERY EFFORT TO ENSURE THAT THESE REQUIREMENTS ARE MET BEFORE THE SCHEDULED DELIVERY OF YOUR MAMMOGRAPHY SYSTEM.



ANCILLARY ITEMS

CUSTOMER/CONTRACTOR SUPPLIED AND INSTALLED ITEMS

ITEM NO.	ITEM DESCRIPTION (* INDICATES EXISTING)
60	X-RAY ON WARNING LIGHT - AVAILABLE FROM GE SUPPLY CALL: 800-200-9760 GE CAT. NO. WX1ABW-DF-XIU-24(LED) (NEEDED ONLY IF REQUIRED BY STATE/LOCAL CODES)
61	DOOR LIMIT SWITCH (NEEDED ONLY IF REQUIRED BY STATE/LOCAL CODES)
62	MINIMUM DOOR OPENING FOR EQUIPMENT DELIVERY IS 28 IN. W X 79 IN. H (711mm X 2006mm), CONTINGENT ON A 60 IN. (1524mm) CORRIDOR WIDTH
63	COUNTERTOP FOR EQUIPMENT
90	OPERATORS CHAIR
91	MAIN DISCONNECT CONTROL, WALL MOUNTED GE CAT. NO. E4502B, 65 lbs. SEE DETAIL R4502B.

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: 59°F (15°C) TO 95°F (35°C), MAXIMUM ALLOWABLE TEMPERATURE CHANGE OF 3.6°F (1.5°C)/HOUR.
- HUMIDITY: 40 TO 75 PERCENT NON-CONDENSING, MAXIMUM ALLOWABLE CHANGE OF 10 PERCENT/HOUR.
- ALTITUDE: NOT TO EXCEED 9840 FT. ABOVE SEA LEVEL.
- THE ENVIRONMENT FOR THE SEENOGRAPHE MUST BE CONTROLLED SO THE ABOVE RESTRICTIONS ARE NOT EXCEEDED.

MAGNETIC INTERFERENCE SPECIFICATIONS

- MAMMOGRAPHY EQUIPMENT MUST BE LOCATED IN AMBIENT STATIC MAGNETIC FIELDS OF LESS THAN 10 GAUSS TO GUARANTEE SPECIFIED PERFORMANCE.

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

50	1		HYDRAULIC CHAIR				---	---
51	1		DELUXE RECLINING CHAIR (CAT NO E631SHB)				---	---

Drawn by: KATHY RECKERT Octel no.: 5603730
 GE Installation
 Project Manager: DENNIS HOPPER
 Telephone no.: 262-597-3743

GE Healthcare
 IS Services Design Center
 Milwaukee, Wisconsin

SHEET TITLE: EQUIPMENT LAYOUT
 MODALITY TYPE: SEENOGRAPHE ESSENTIAL
 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 TO ALL APPLICABLE ELECTRICAL AND MECHANICAL CODES. THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE:
 TYPICAL FINAL
 INSTALLATION DRAWING
 BROOKFIELD, WISCONSIN

PROJECT	REVISION
9-32f	00

DATE: 09.Jan.12
 DRAWN BY: KMR
 CHECKED BY: KMR

REVISION HISTORY:

SHEET
 A1

PIM R1
 RQ - 124195

TYPICAL WALL SUPPORT ELEVATIONS

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

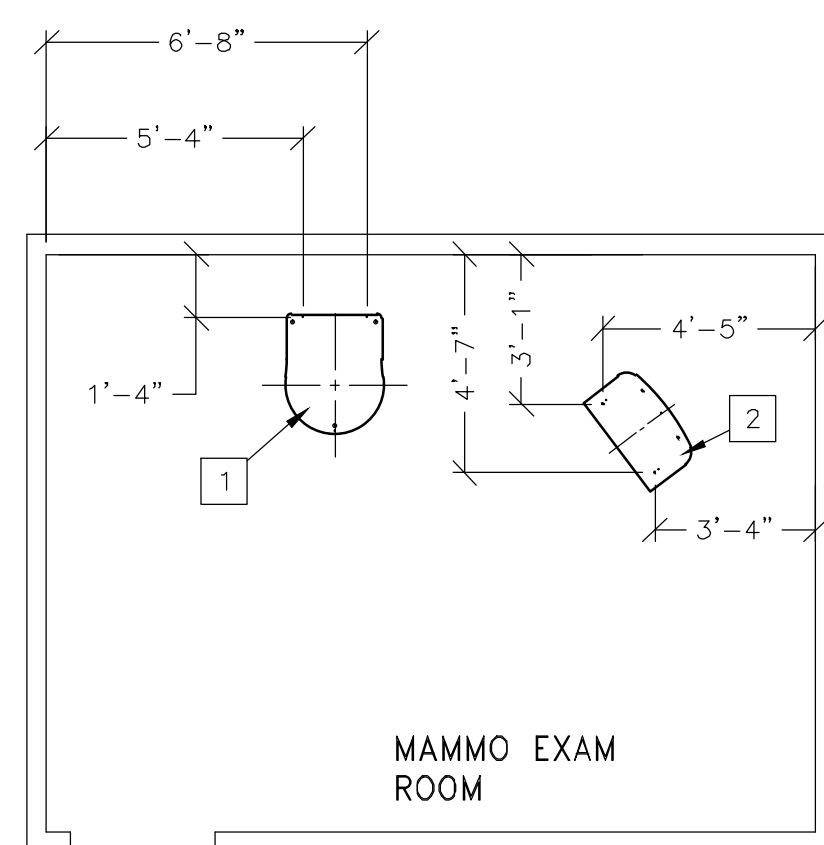
STRUCTURAL LAYOUT

RECOMMENDED CEILING HEIGHT = 8'-0"

STRUCTURAL SUPPORT METHODS

CUSTOMER/CONTRACTOR SUPPLIED AND INSTALLED ITEMS

ITEM NO.	ITEM DESCRIPTION (* INDICATES EXISTING)
1	<p>SENOGRAPHE GANTRY BASEPLATE AREA. SEE DETAIL B7124A ON SHEET S2.</p> <p>SENOGRAPHE Seismic Zone ANCHORING HARDWARE (WHERE APPLICABLE)</p> <p>-----</p> <p>(GANTRY) ANCHORS = Hilti KB3 - 3/8 x 3.75 in. (5 ea.) (4 ea.)</p> <p>(GENERATOR) ANCHORS = Hilti KB3 - 3/8 x 3.75 in. (4 ea.)</p> <p>(GENERATOR) BOLTS = 3/8 x 1 in. A307 Bolts (4 ea.)</p> <p>(GENERATOR) BRACKETS = 3 x 5 x 10 in. Angle Bracket (2 ea.)</p> <p>(RAD SHIELD) ANCHORS = Hilti KB3 - 1/4 x 3.25 in. (4 ea.)</p> <p>ALL ANCHORS TO INCLUDE 1 FLATWASHER. ALL BOLTS TO INCLUDE 2 FLATWASHERS, 1 LOCKWASHER AND 1 NUT.</p>
2	<p>SENOGRAPHE CONTROL STATION BASEPLATE AREA. SEE DETAIL B7126A ON SHEET S2.</p>



STRUCTURAL NOTES

- o 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.
- o 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.
- o 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.
- o FLOOR SLABS ON WHICH EQUIPMENT IS TO BE INSTALLED MUST BE LEVEL TO 3.17mm (1/8") IN 3050mm (10'-0")
- o DIMENSIONS ARE TO FINISHED SURFACES OF ROOM.
- o CUSTOMERS CONTRACTOR MUST PROVIDE ALL PENETRATIONS IN POST TENSION FLOORS.
- o 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.
- o 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.
- o 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"

SHEET TITLE: STRUCTURAL LAYOUT
 MODALITY TYPE: SENOGRAPHE ESSENTIAL

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 DETAILS TO THE MANUFACTURER'S DRAWINGS. IT IS ADVISED THAT THE COMPANY CANNOT ACCEPT LIABILITY FOR ANY CONSTRUCTION ERRORS, OMISSIONS, OR DAMAGES RESULTING THEREFROM.

PROJECT TITLE:
**TYPICAL FINAL
 INSTALLATION DRAWING**
 BROOKFIELD, WISCONSIN

PROJECT	REVISION
9-32f	00

DATE: 09.Jan.12
 DRAWN BY: KMR
 CHECKED BY: KMR

REVISION HISTORY:

SHEET
S1

Drawn by: KATHY RECKERT Octel no.: 5603730
 GE Installation
 Project Manager: DENNIS HOPPER
 Telephone no.: 262-597-3743

PIM R1
 RQ - 124195

GE Healthcare
 IS Services Design Center
 Milwaukee, Wisconsin

FLOOR MOUNTING DETAIL: SENOGRAPHE INSTALLATION METHODS

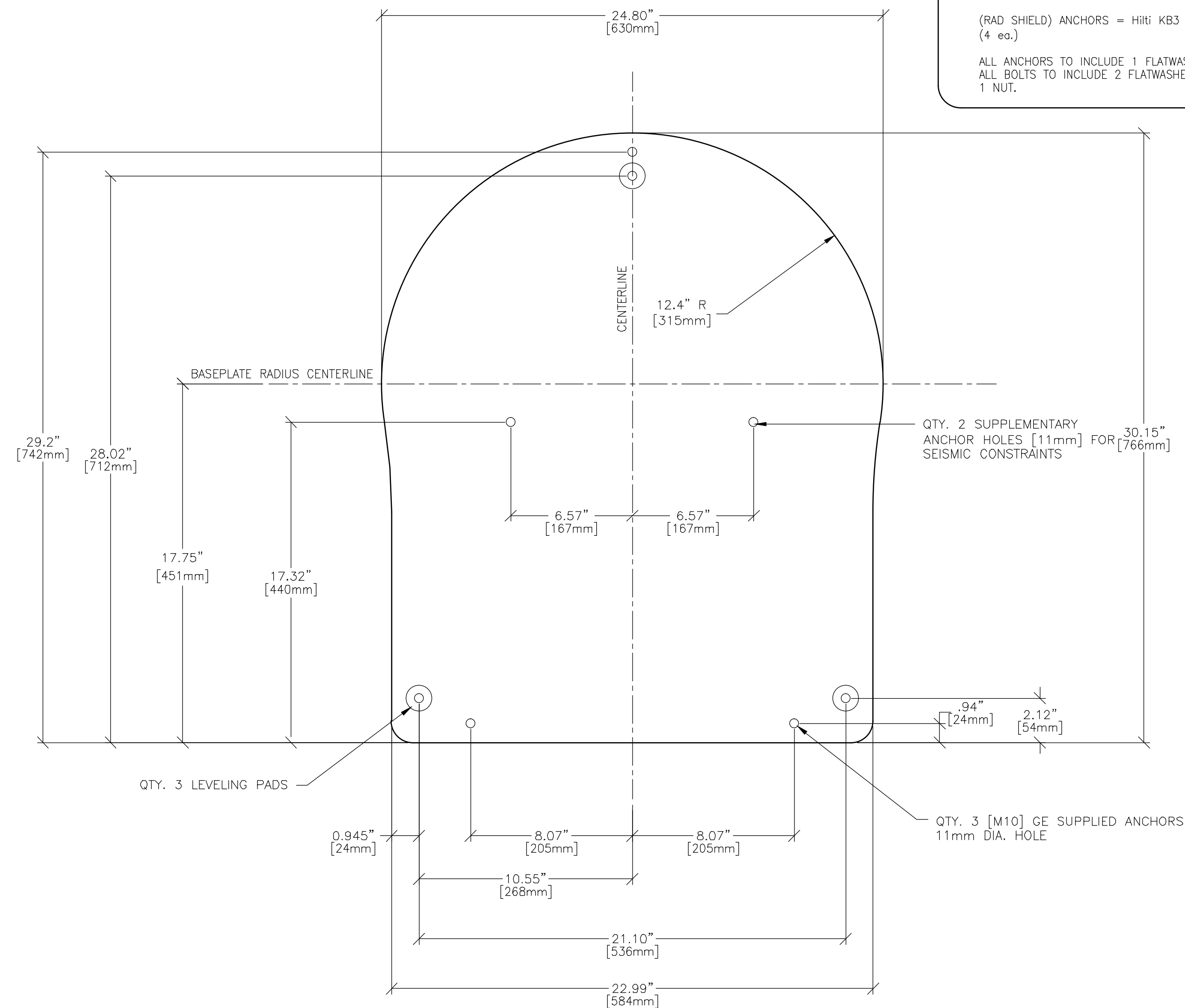
B7124A

REV. DATE: 10-17-07

SENOGRAPHE Seismic Zone ANCHORING HARDWARE

(GANTRY) ANCHORS = HiTi KB3 - 3/8 x 3.75 in. (5 ea.)
 (GENERATOR) ANCHORS = HiTi KB3 - 3/8 x 3.75 in. (4 ea.)
 (GENERATOR) BOLTS = 3/8 x 1 in. A307 Bolts (4 ea.)
 (GENERATOR) BRACKETS = 3 x 5 x 10 in. Angle Bracket (2 ea.)
 (RAD SHIELD) ANCHORS = HiTi KB3 - 1/4 x 3.25 in. (4 ea.)

ALL ANCHORS TO INCLUDE 1 FLATWASHER.
 ALL BOLTS TO INCLUDE 2 FLATWASHERS, 1 LOCKWASHER AND 1 NUT.

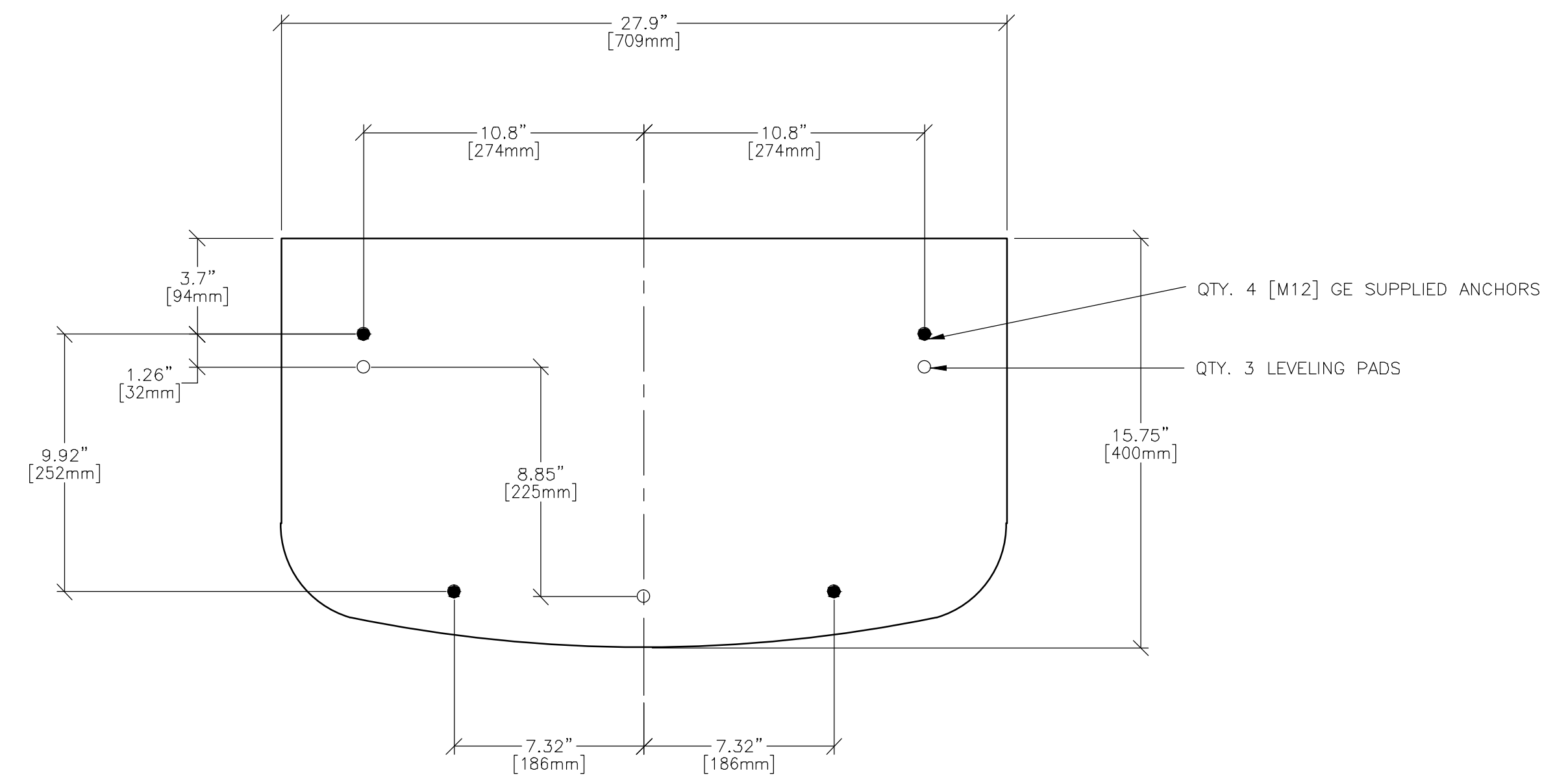


DETAIL NOT TO SCALE

FLOOR MOUNTING DETAIL: CONTROL STATION INSTALLATION METHODS

B7126A

REV. DATE: 03/15/04



DETAIL NOT TO SCALE

SHEET TITLE: STRUCTURAL DETAILS
 MODALITY TYPE: SENOGRAPHE ESSENTIAL

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 SPECIFICATIONS AND TO BE INSTALLED TO BE USED FOR CONSTRUCTION PURPOSES. HOWEVER, THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE:
 TYPICAL FINAL
 INSTALLATION DRAWING
 BROOKFIELD, WISCONSIN

PROJECT	REVISION
9-32f	00

DATE: 09.Jan.12
 DRAWN BY: KMR
 CHECKED BY: KMR

REVISION HISTORY:

SHEET
 S2

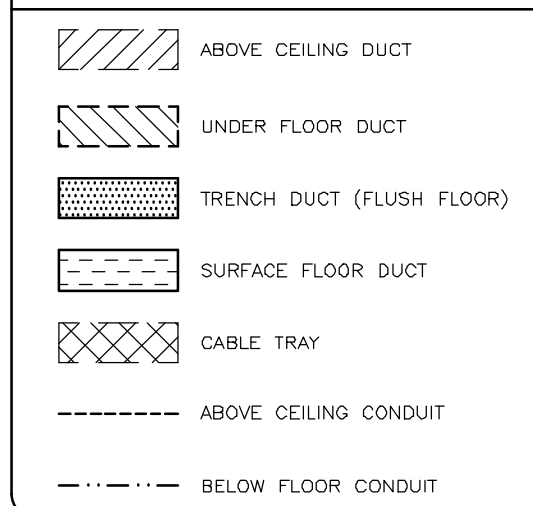
PIM R1
 RQ - 124195

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

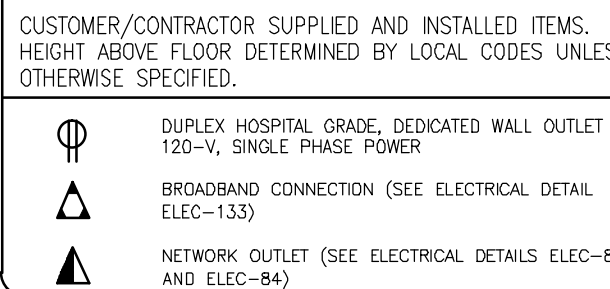
ELECTRICAL PLAN

RECOMMENDED CEILING HEIGHT = 8'-0"

DUCT HATCHING LEGEND



ELECTRICAL OUTLET LEGEND



FEEDER TABLE REV. DATE: 03/08/04

* 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 WIRES. THIS GROUNDING 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.
 * IF THE GENERAL ELECTRIC EQUIPMENT IS BEING FED BY A DELTA SECONDARY, IT IS RECOMMENDED THAT THE B PHASE ON THE SECONDARY BE CONNECTED TO GROUND TO PREVENT DAMAGE TO THE SYSTEM.
 * FOR A FULL SYSTEM UPS, REFER TO ELECTRICAL DETAILS FOR UPS FEEDER WIRES.
 * * MINIMUM WIRE SIZE FOR CIRCUIT BREAKER, BASED ON RECOMMENDED OVERCURRENT PROTECTION.

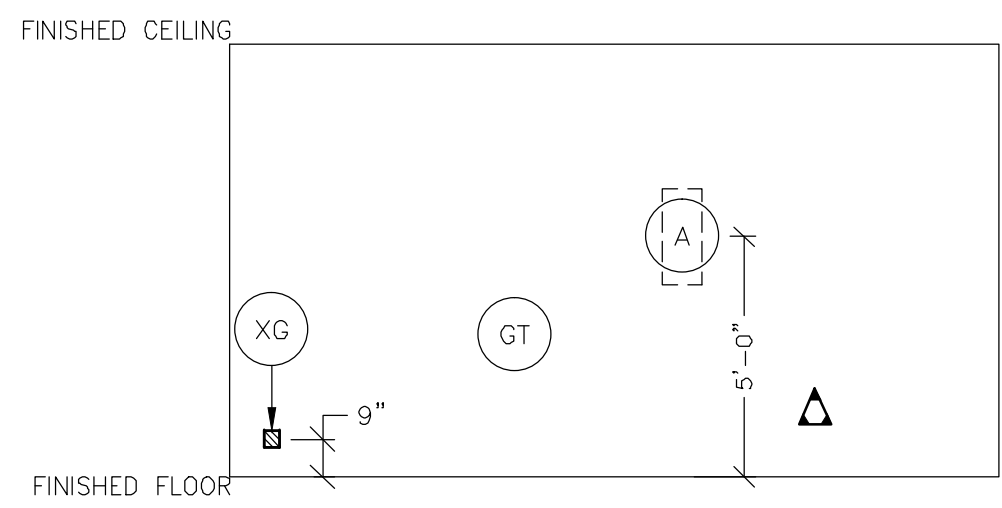
NOTE: ALL WIRE IMPEDANCES MUST BE 0.2 OHMS OR LESS

RUN LENGTH IN FEET	POWER SUPPLY VOLTAGE			
	180-220 200	187-220 208	198-242 220	216-264 240
	SIZE OF FEEDERS AND GROUND WIRES (AWG)			
50	10	10	10	*10
100	6	8	8	8
150	4	6	6	6
200	4	4	4	6
250	3	3	4	4
300	2	2	3	4
350	1	2	2	3
400	1	1	2	2
450	1/0	1/0	1	2

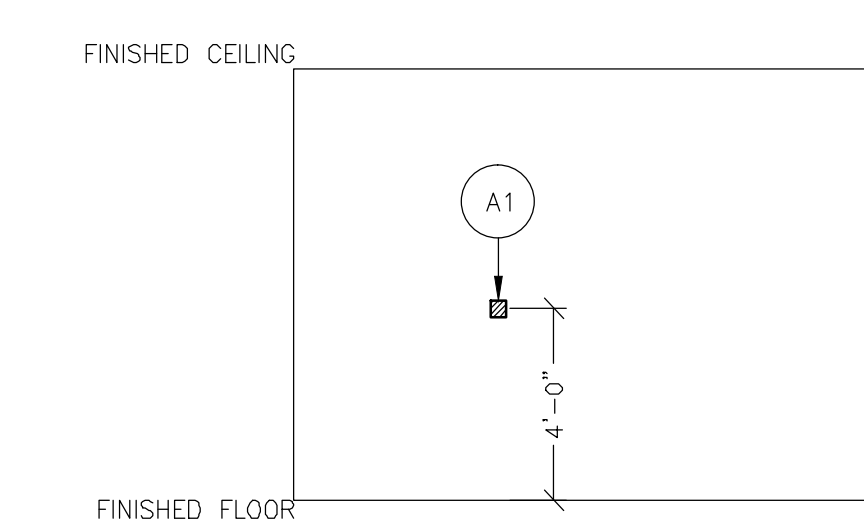
JUNCTION POINT NOTES

- 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 THHN 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.

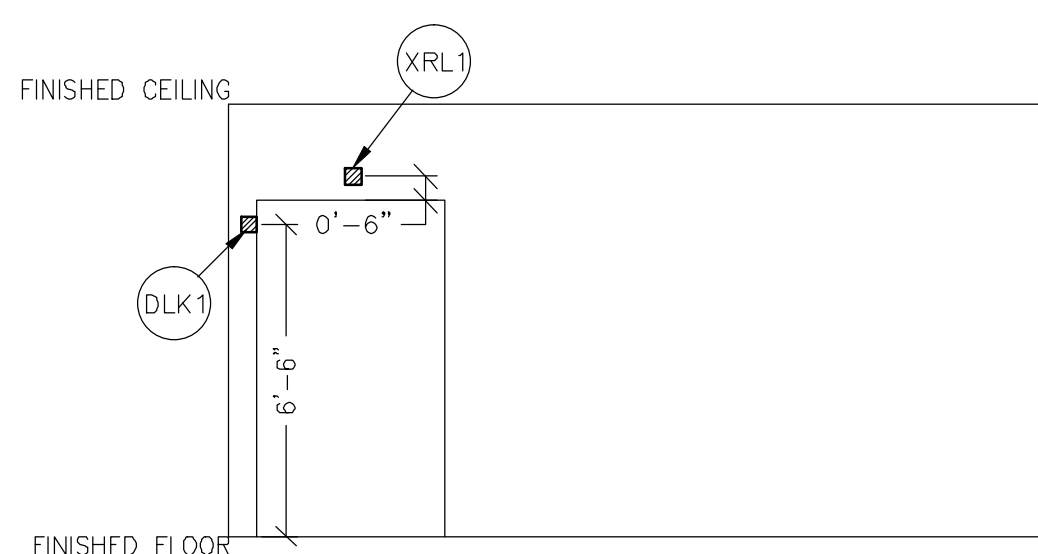
PLEASE SEE BELOW FOR ADDITIONAL REQUIRED CONDUIT RUNS AND SIZES.



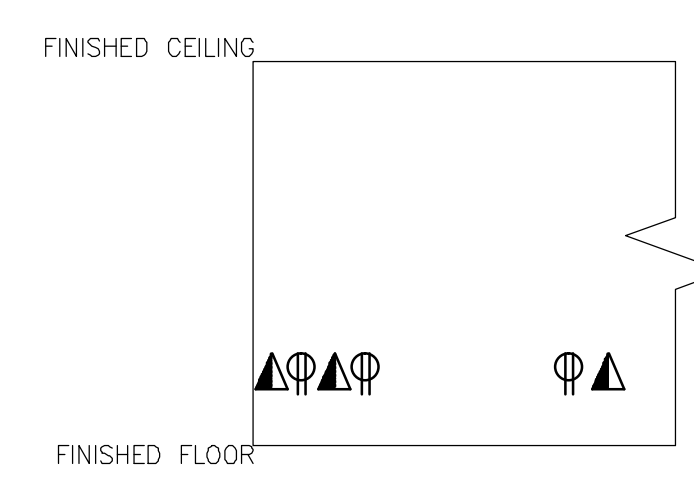
A



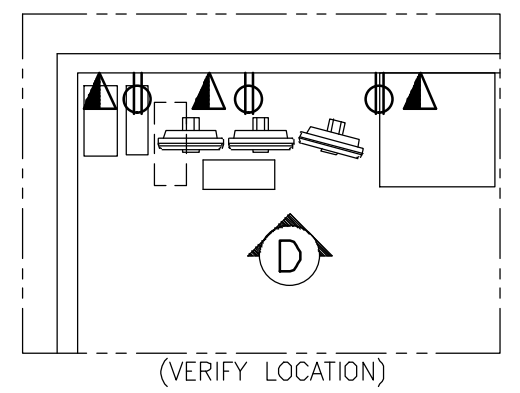
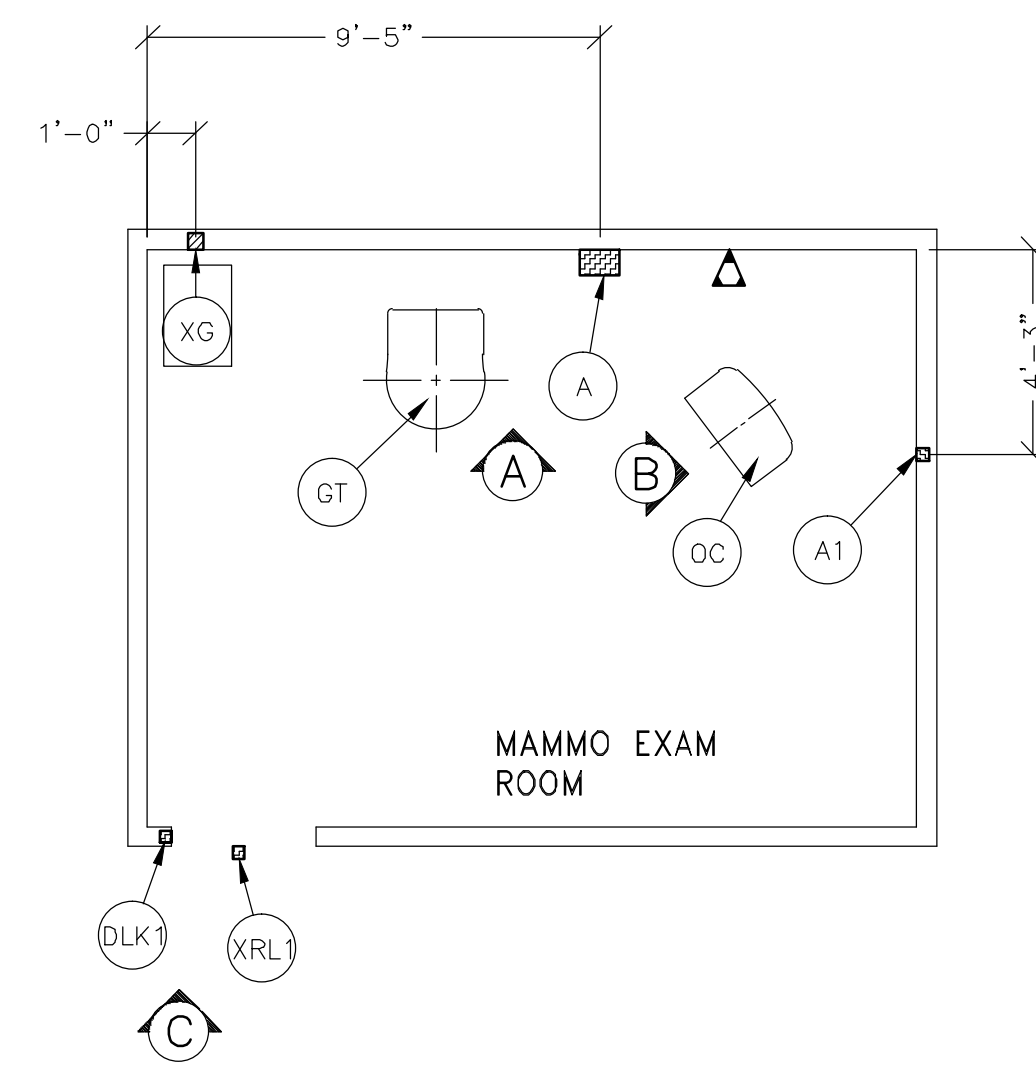
B



C



D



CONDUIT RUNS FOR MAMMOGRAPHY SYSTEM (BY CONTRACTOR) REV DATE: 09/14/10

A	TO	A1	ONE 1/2" CND.
A	TO	XG	ONE 1" CND.
A	TO	POWER	ONE CONDUIT AS REQ'D
XRL1	TO	XG	ONE 1/2" CND.
DLK1	TO	XG	ONE 1/2" CND.

NOTE: SEE E2 PAGE FOR MAXIMUM RUN LENGTHS

Drawn by: KATHY RECKERT Octel no.: 5603730
 GE Installation
 Project Manager: DENNIS HOPPER
 Telephone no.: 262-597-3743

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	30 AMP 25,000 AIC RATED CIRCUIT BREAKER AND PANEL WITH MAGNETIC CONTACTOR AND REMOTE ON/OFF ILLUMINATED LED PUSHBUTTONS. GENS CAT. NO. E48028	ELEC-8
A1	EMERGENCY OFF	1	PROVIDE A DOUBLE GANG, 3 1/8 IN. DEEP, FLUSH MTD. WALL BOX.	
DLK1	DOOR SWITCH (NEEDED ONLY IF REQUIRED BY STATE/LOCAL CODES)	1	ROOM DOOR INTERLOCK LIMIT SWITCH IN FRAME - NORMALLY OPEN (24V)	
GT	GANTRY	1	CONNECT EXTERNALLY TO GENERATOR	
OC	CONTROL CONSOLE	1	CONNECT EXTERNALLY TO GENERATOR	
XG	GENERATOR	1	COVERPLATE 1 X 4 X 4 IN. BDX 1 1/2 IN. DIA. CHASE NIPPLE CONNECT EXTERNALLY TO SENDGRAPHE GANTRY.	
XRL1	'X-RAY' ON LIGHT (NEEDED ONLY IF REQUIRED BY STATE/LOCAL CODES) AVAILABLE FROM GEHC. CALL: 800-558-5102 OR LOCAL GE INSTALLATION PROJECT MANAGER	1	GENERATOR HARDWIRED TO DISCONNECT 1 SINGLE GANG BDX 'SENDGRAPHE ON' WARNING LIGHT, GENS CAT. NO. XKA189V-X1U-SD-24V(LED)	

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 > XRL1	1-BLACK, 1-WHITE, 1-GREEN - (SIZE AS REQUIRED)
A1 > A	1-BLACK, 1-WHITE, 1-GREEN - (SIZE AS REQUIRED) (WITHOUT 'POWER ON' LIGHT, 'SEND ON' LIGHT, 'X-RAY IN USE' LIGHT, DOOR SWITCH)
A1 > A	6-BLACK, 2-WHITE, 1-GREEN - (SIZE AS REQUIRED) (WITH 'POWER ON' LIGHT, 'SEND ON' LIGHT, 'X-RAY IN USE' LIGHT, DOOR SWITCH)
208-V > A	2-BLACK, 1-GREEN (REFER TO FEEDER TABLE FOR SIZE)
XG > DLK1	1-BLACK, 1-WHITE, 1-GREEN - (SIZE AS REQUIRED)

GE Healthcare
 IS Services Design Center
 Milwaukee, Wisconsin

SHEET TITLE: ELECTRICAL LAYOUT
 MODALITY TYPE: SENOGAPHE ESSENTIAL
 THIS PLAN IS SUBMITTED TO SUBMIT LOCATION OF HEALTHCARE EQUIPMENT AND ASSOCIATED ELECTRICAL WIRING DETAILS AND ROOM ARRANGEMENTS. IN PREPARING THIS PLAN, EVERY EFFORT HAS BEEN MADE TO CONFORM TO ALL APPLICABLE ELECTRICAL CODES AND STANDARDS. THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

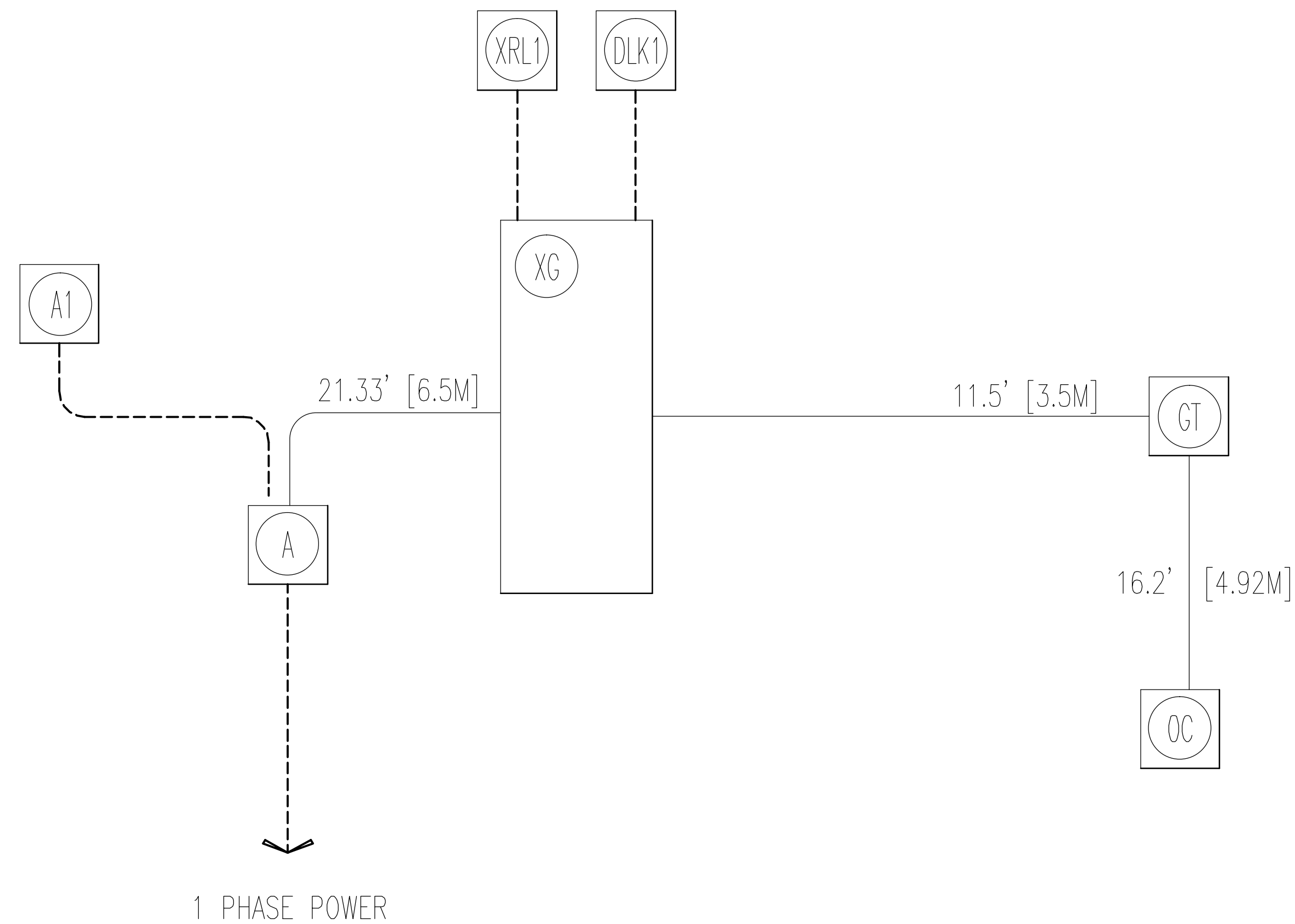
PROJECT TITLE:
 TYPICAL FINAL
 INSTALLATION DRAWING
 BROOKFIELD, WISCONSIN

PROJECT 9-32f
 REVISION 00
 DATE: 09.Jan.12
 DRAWN BY: KMR
 CHECKED BY: KMR

REVISION HISTORY:

SHEET
 E1

INTERCONNECT DIAGRAM



POWER SPECIFICATIONS

SENOGRAPHE DS/ESSENTIAL REV. DATE: 01-04-07

VOLTAGE PRIMARY SOURCE IS REQUIRED FOR ALL INSTALLATIONS.
 RANGE OF LINE VOLTAGES :
 NOMINAL LINE VOLTAGE OF 200V TO 240V 1 PHASE, 50 OR 60 Hz.

MAXIMUM DAILY VOLTAGE VARIATION MUST FALL WITHIN ONE OF THE RANGES IN TABLE A.

NOMINAL VOLTAGE	NORMAL RANGE ±10 PERCENT	CURRENT (AMPS)	MINIMUM STANDARD OVERCURRENT PROTECTION
		MOMENTARY	
200	180 - 220	47	30-A
208	187 - 229	45	30-A
220	198 - 242	43	30-A
240	216 - 264	39	30-A

MAXIMUM MOMENTARY LINE CURRENTS INDICATED AT MINIMUM LINE VOLTAGE.

POWER DEMAND INSTANTANEOUS MAX. POWER DEMAND = 9 KVA UP TO 6 SECONDS
 STANDBY POWER DEMAND = 1.5 KVA

TABLE B MAXIMUM MOMENTARY POWER DEMAND.

DEMAND	SENO 2000 DS
kVa	9
POWER FACTOR AT	0.6
mA	600
kVp	40

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: SENOGRAPHE ESSENTIAL

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. IT IS NOT ALLOWED TO BE USED FOR ANY OTHER PROJECTS WITHOUT THE WRITTEN CONSENT OF THE COMPANY. THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE:
**TYPICAL FINAL
 INSTALLATION DRAWING**
 BROOKFIELD, WISCONSIN

PROJECT	REVISION
9-32f	00
DATE:	09.Jan.12
DRAWN BY:	KMR
CHECKED BY:	KMR

REVISION HISTORY:

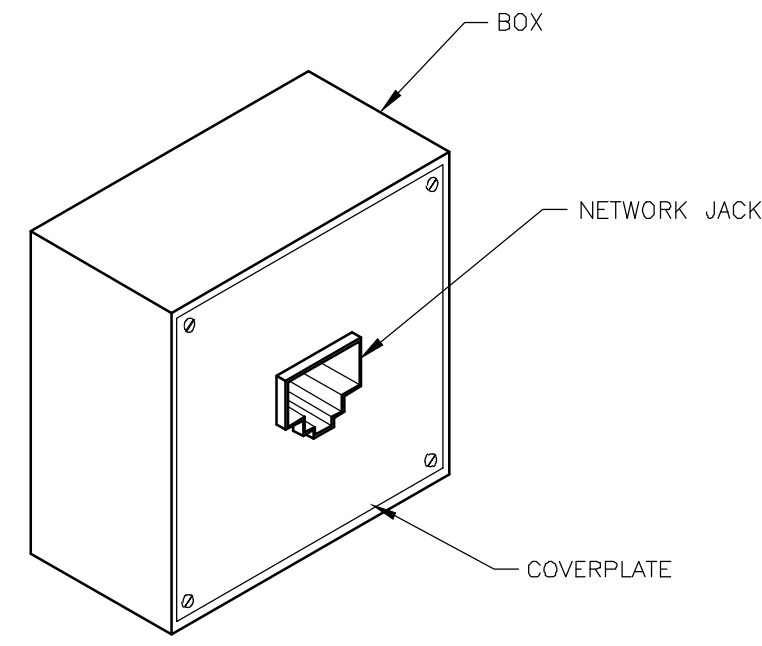
SHEET
E2

GE Healthcare
 IS Services Design Center
 Milwaukee, Wisconsin

PIM R1 RQ - 124195

ELECTRICAL DETAIL
BOX WITH COVERPLATE AND NETWORK JACK

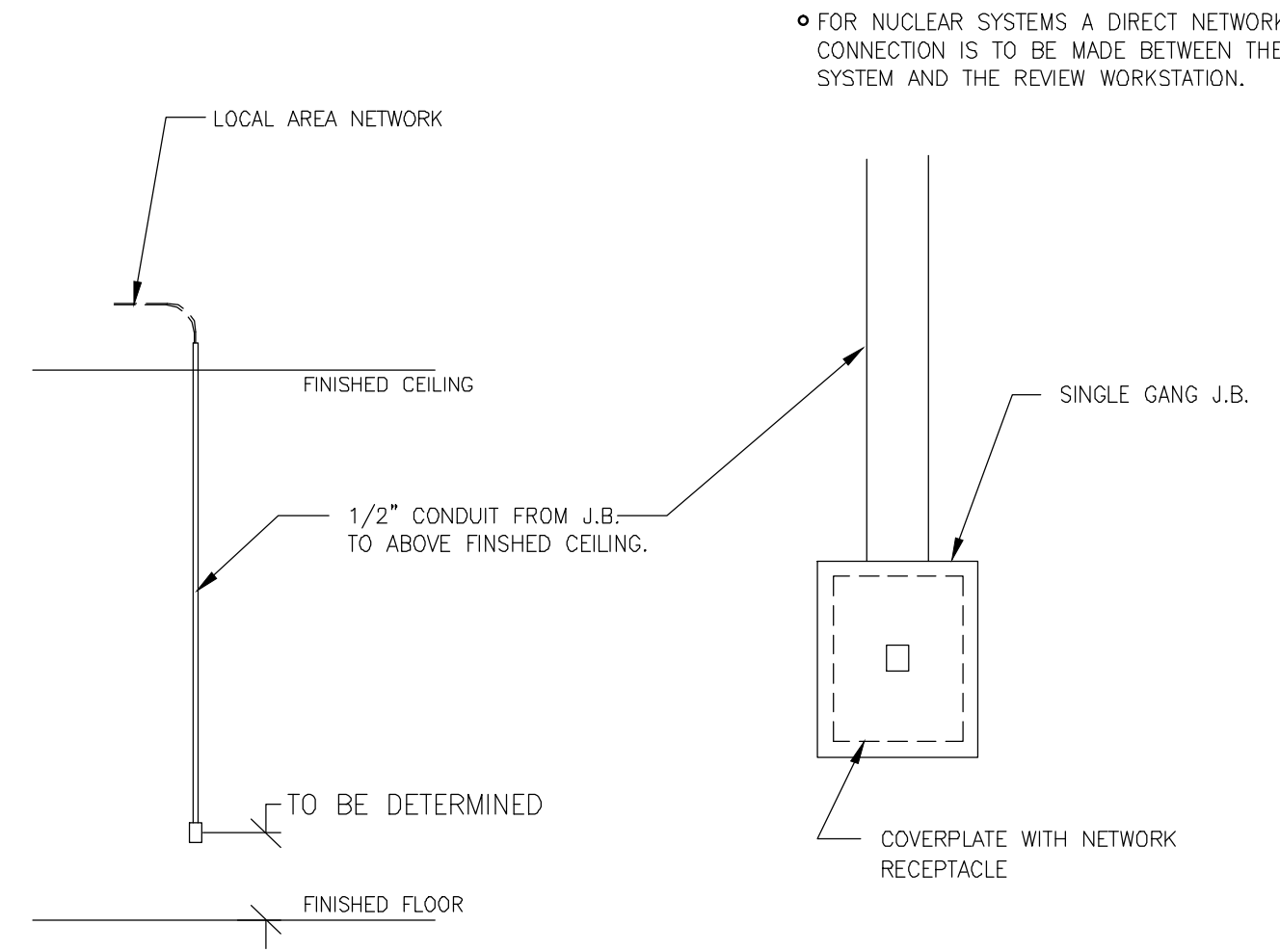
ELEC-83
REV. DATE: 10/06/98



DETAIL NOT TO SCALE

ELECTRICAL DETAIL
NETWORK CONNECTION (TYPICAL)

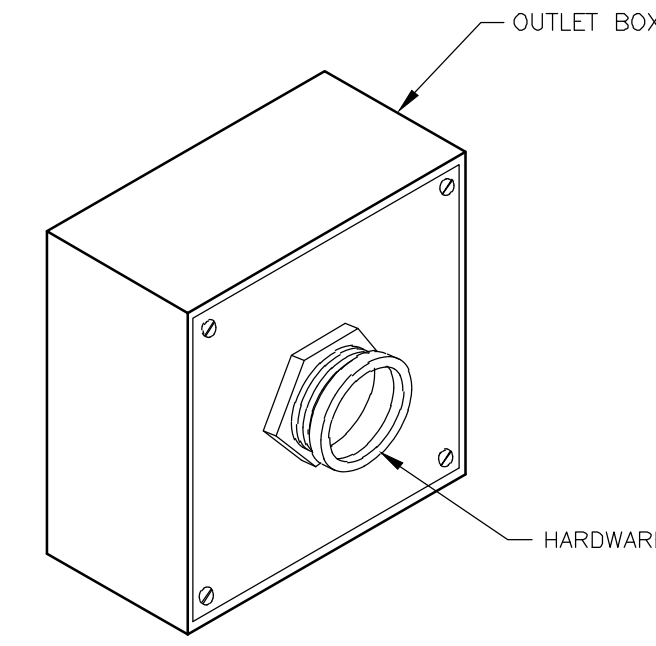
ELEC-84
REV. DATE: 03/06/04



DETAIL NOT TO SCALE

ELECTRICAL DETAIL
BOX WITH COVERPLATE (TYPICAL)

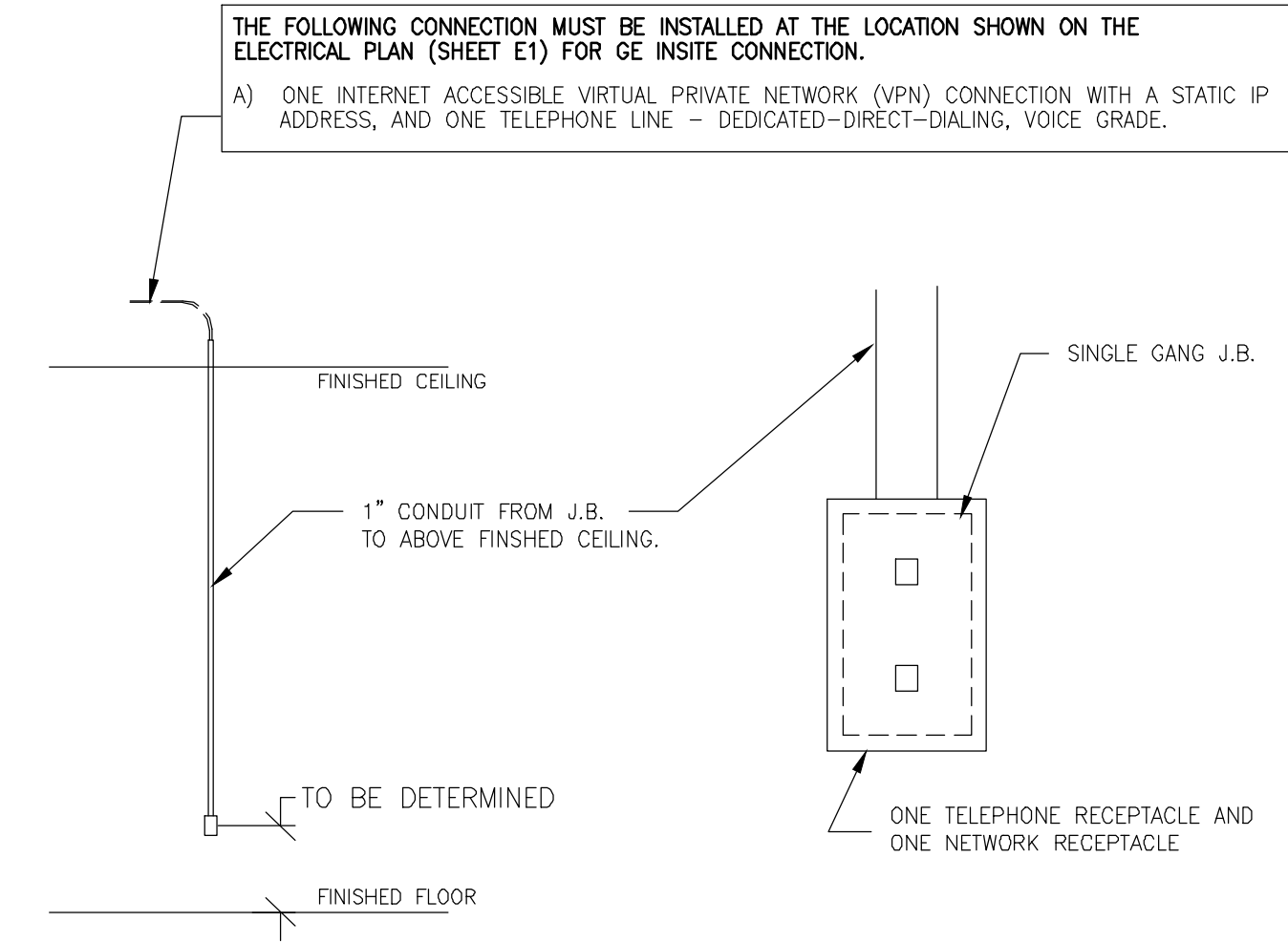
ELEC-8
REV. DATE: 09/30/94



DETAIL NOT TO SCALE

ELECTRICAL DETAIL
BROADBAND CONNECTION (TYPICAL)

ELEC-133
REV. DATE: 03/15/04



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

DETAIL NOT TO SCALE

SHEET TITLE: ELECTRICAL DETAILS
MODALITY TYPE: SENOGAPHE ESSENTIAL

THIS PLAN IS SUBMITTED TO SUBMIT LOCATION OF 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 SPECIFICATIONS. IT IS CALLED TO BE USED FOR ACTING AS A CONSTRUCTION GUIDE. HOWEVER, THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE:
TYPICAL FINAL
INSTALLATION DRAWING
BROOKFIELD, WISCONSIN

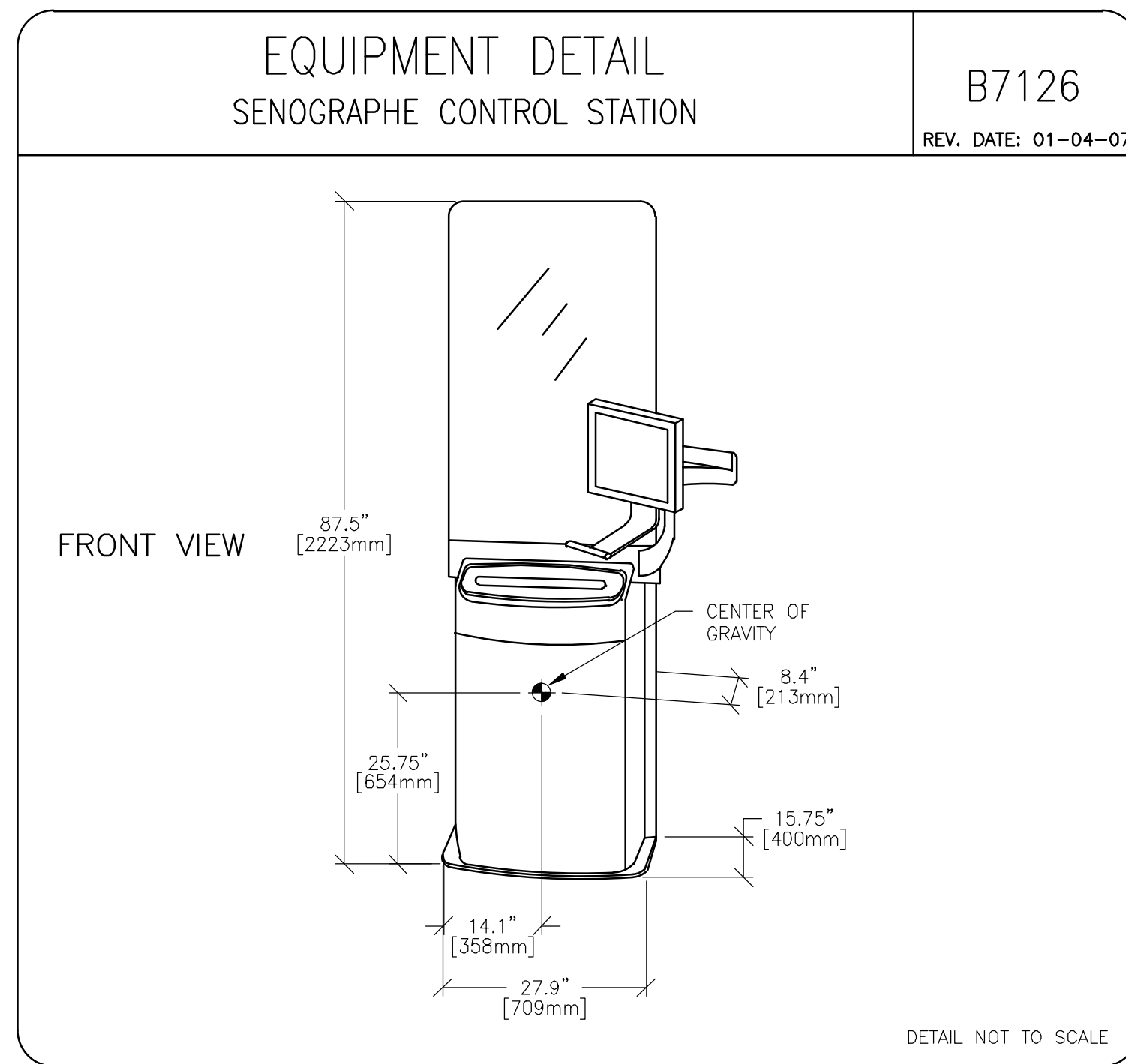
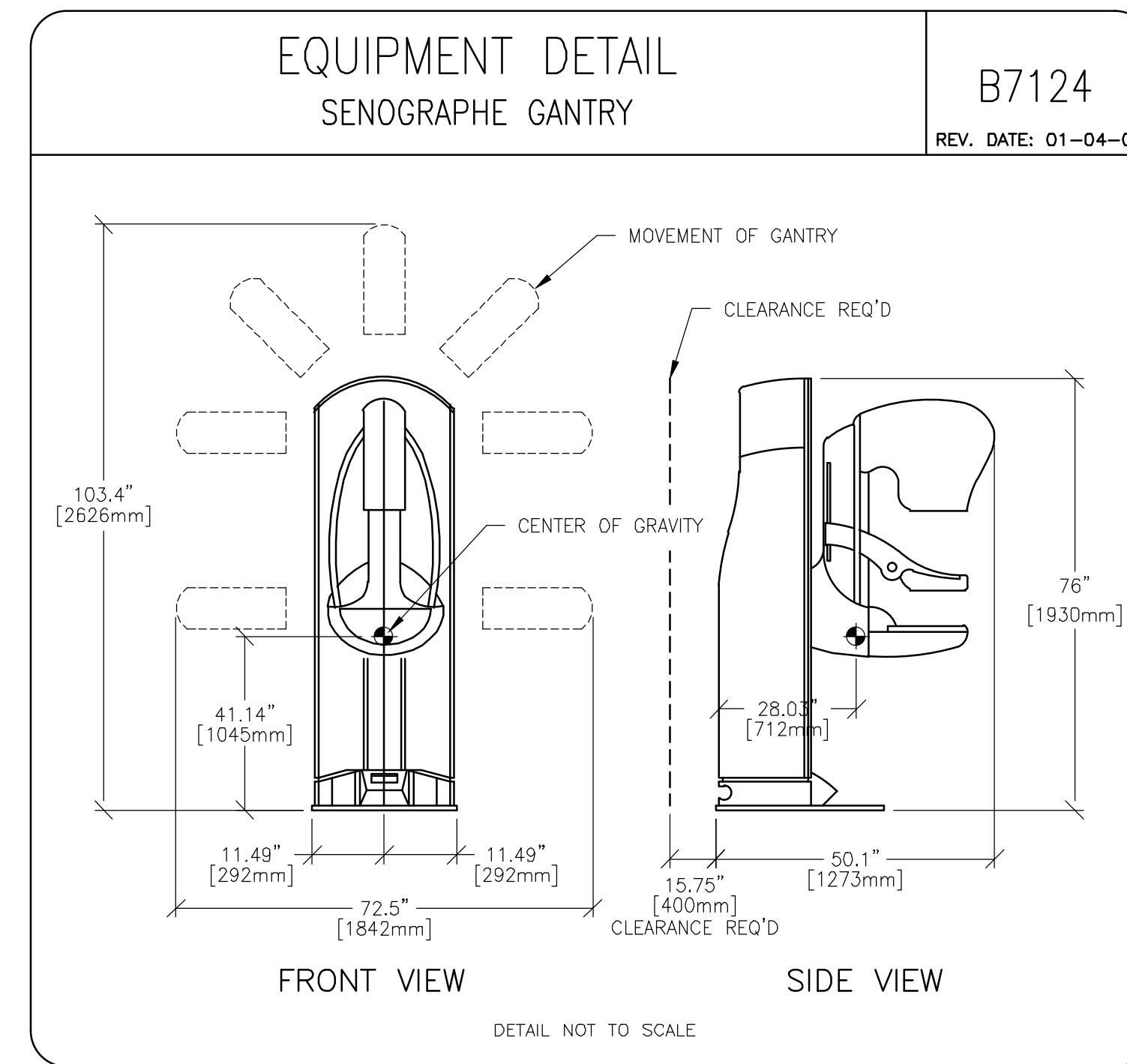
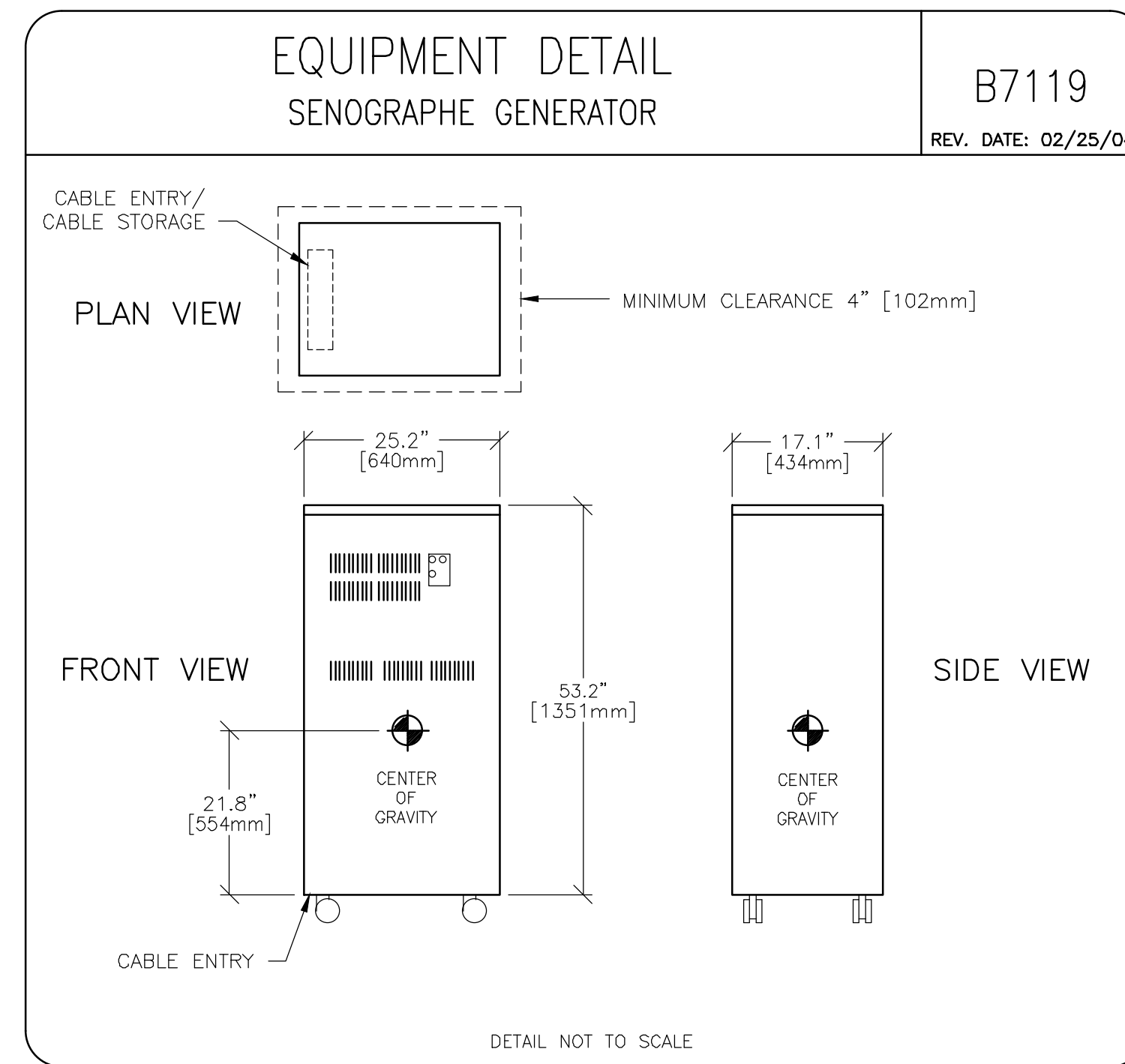
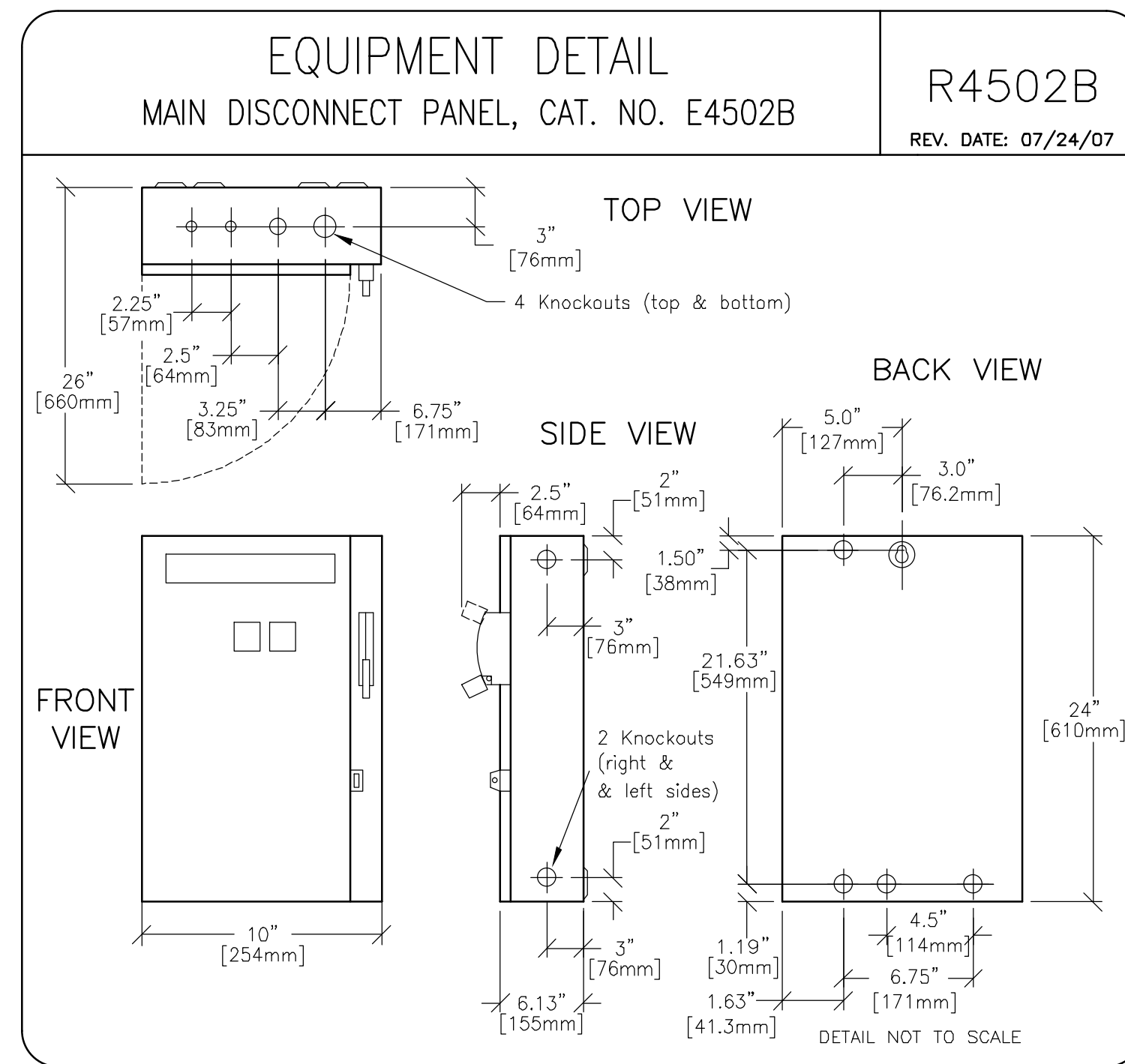
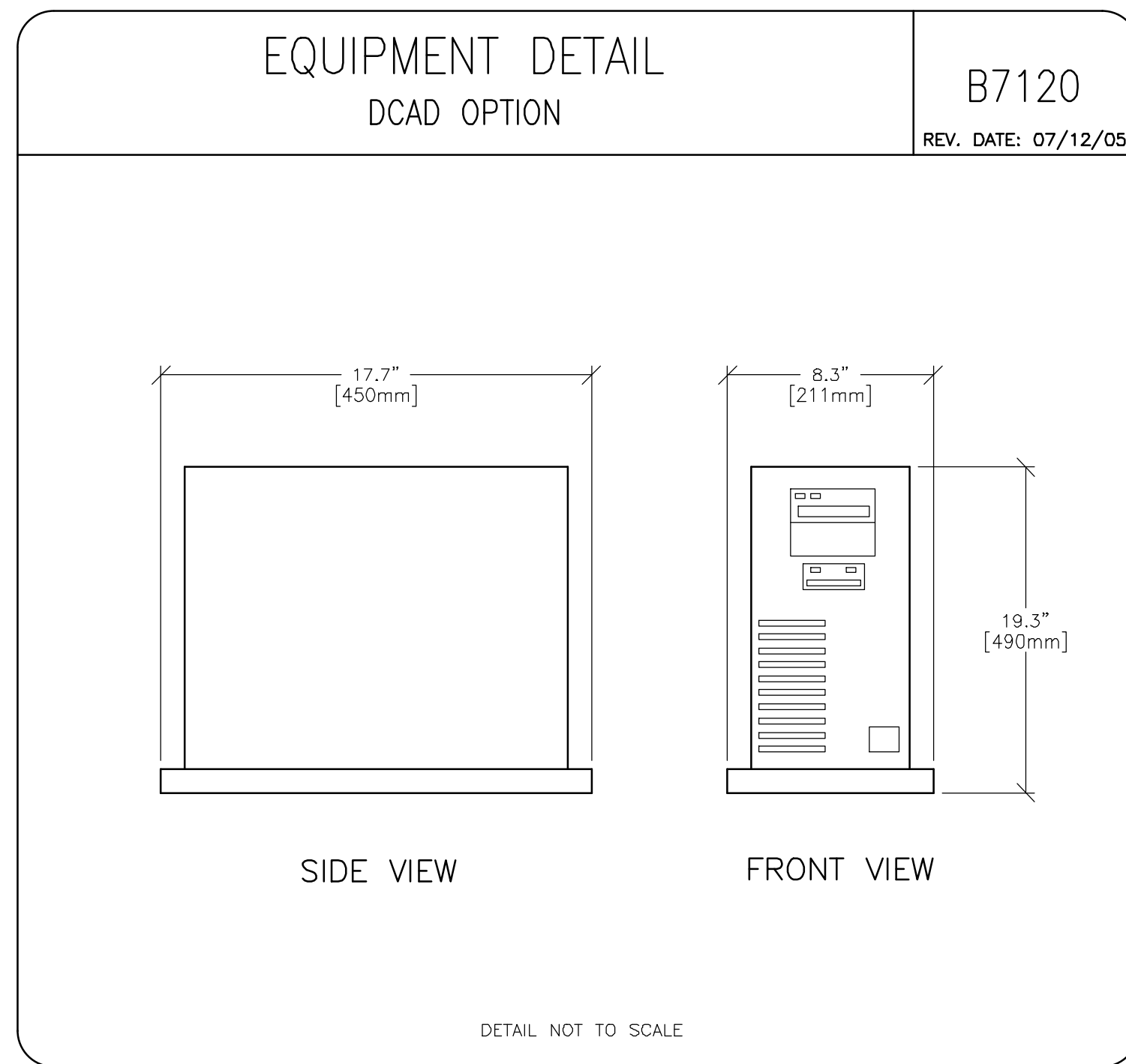
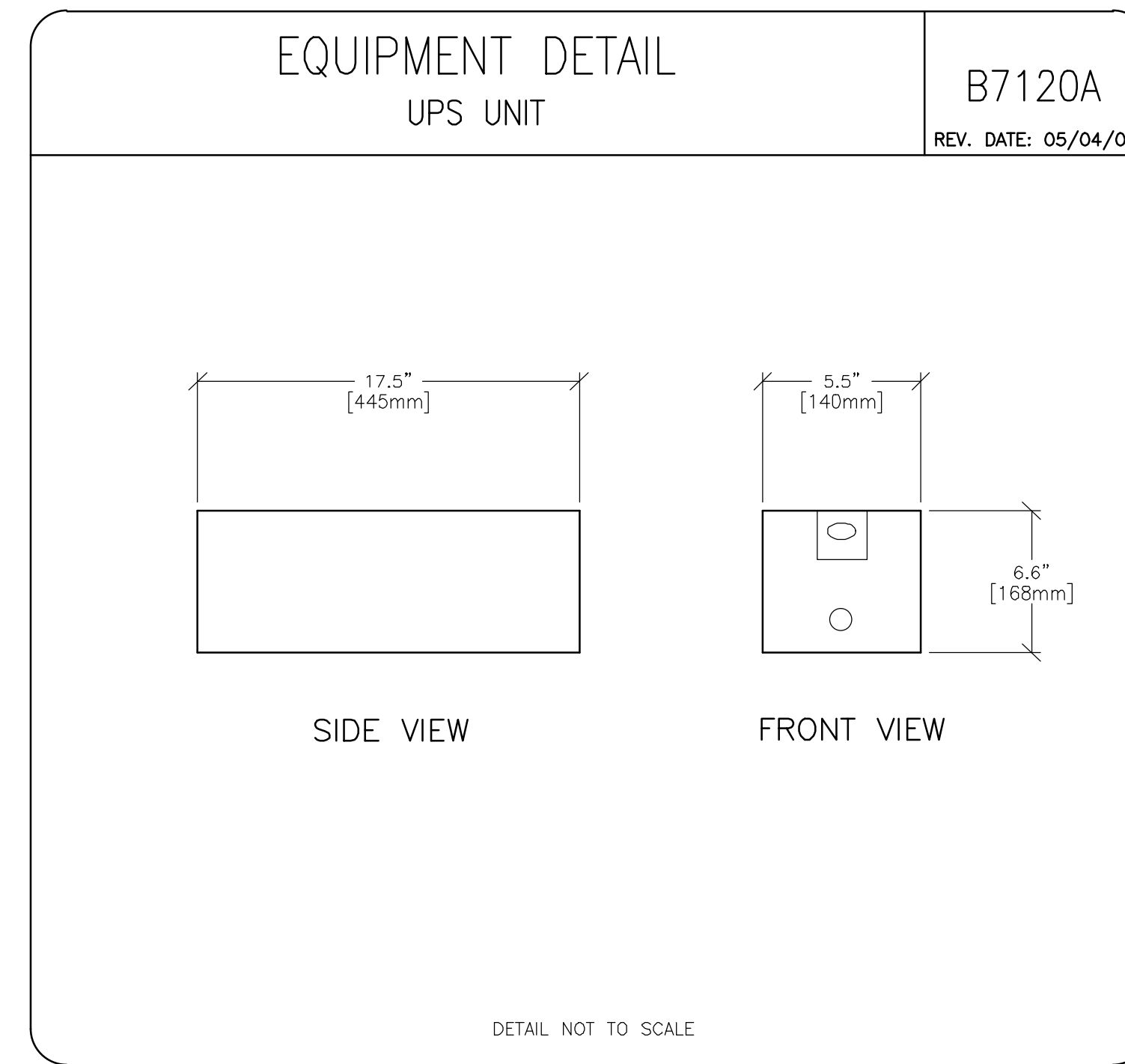
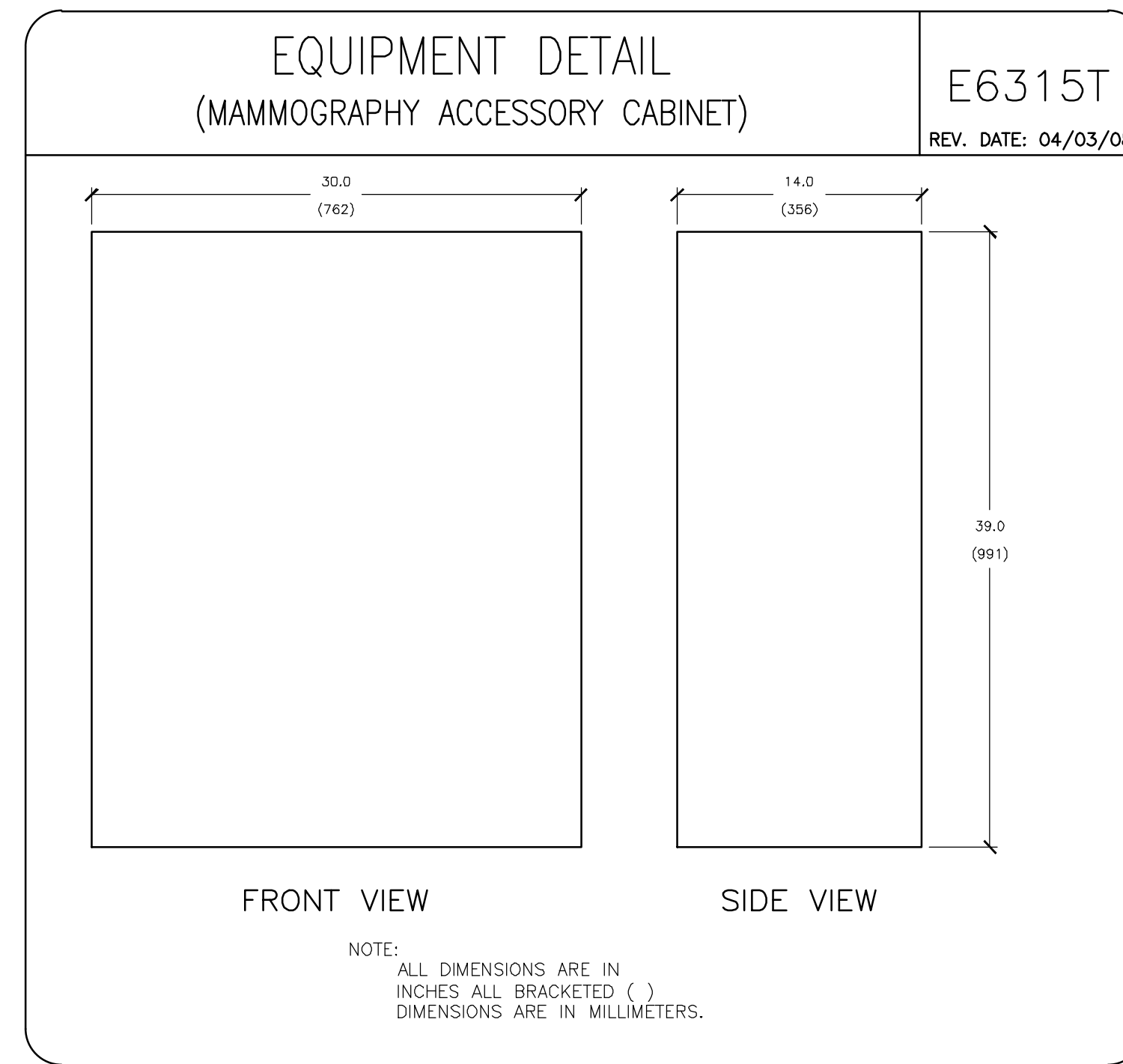
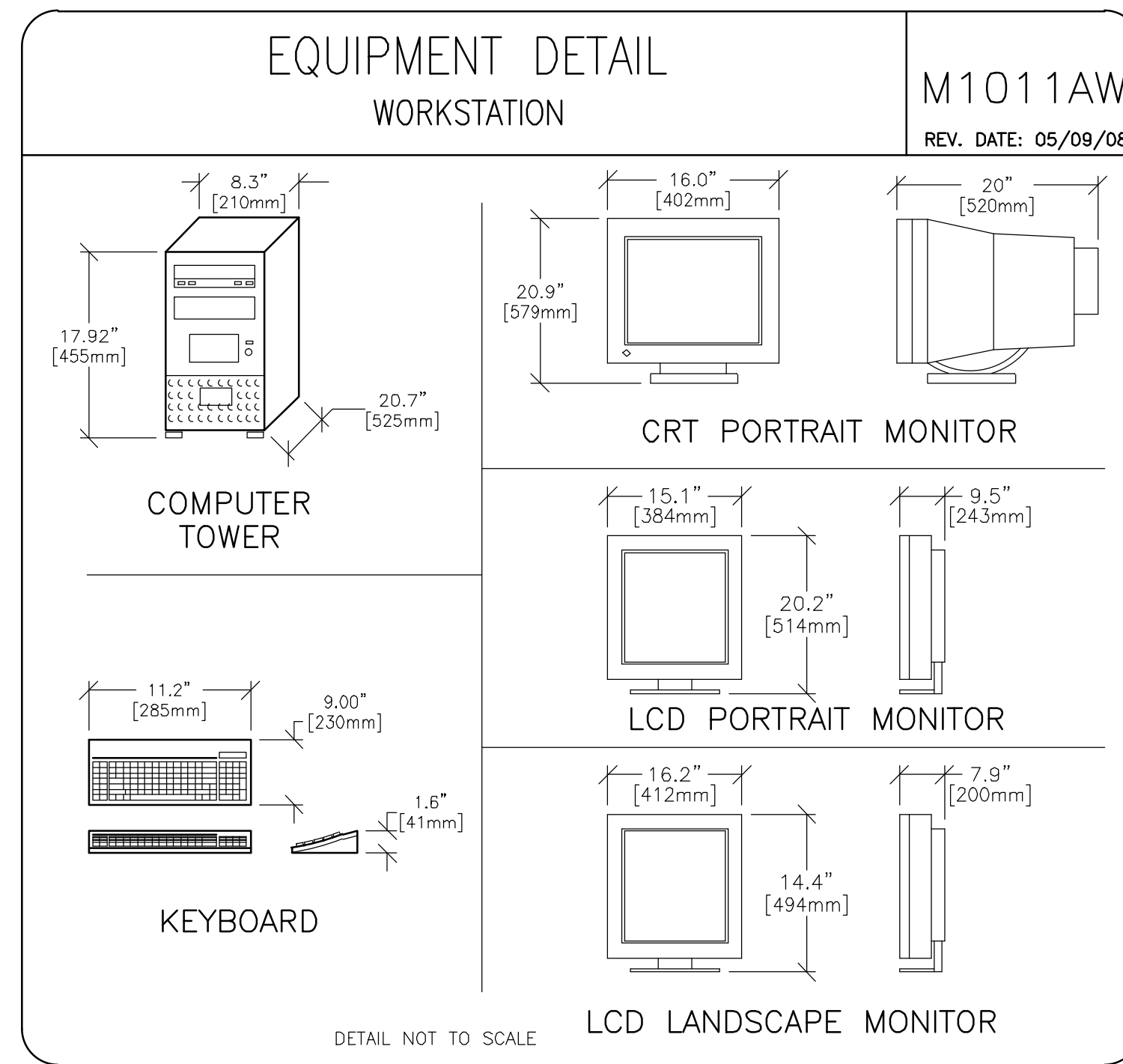
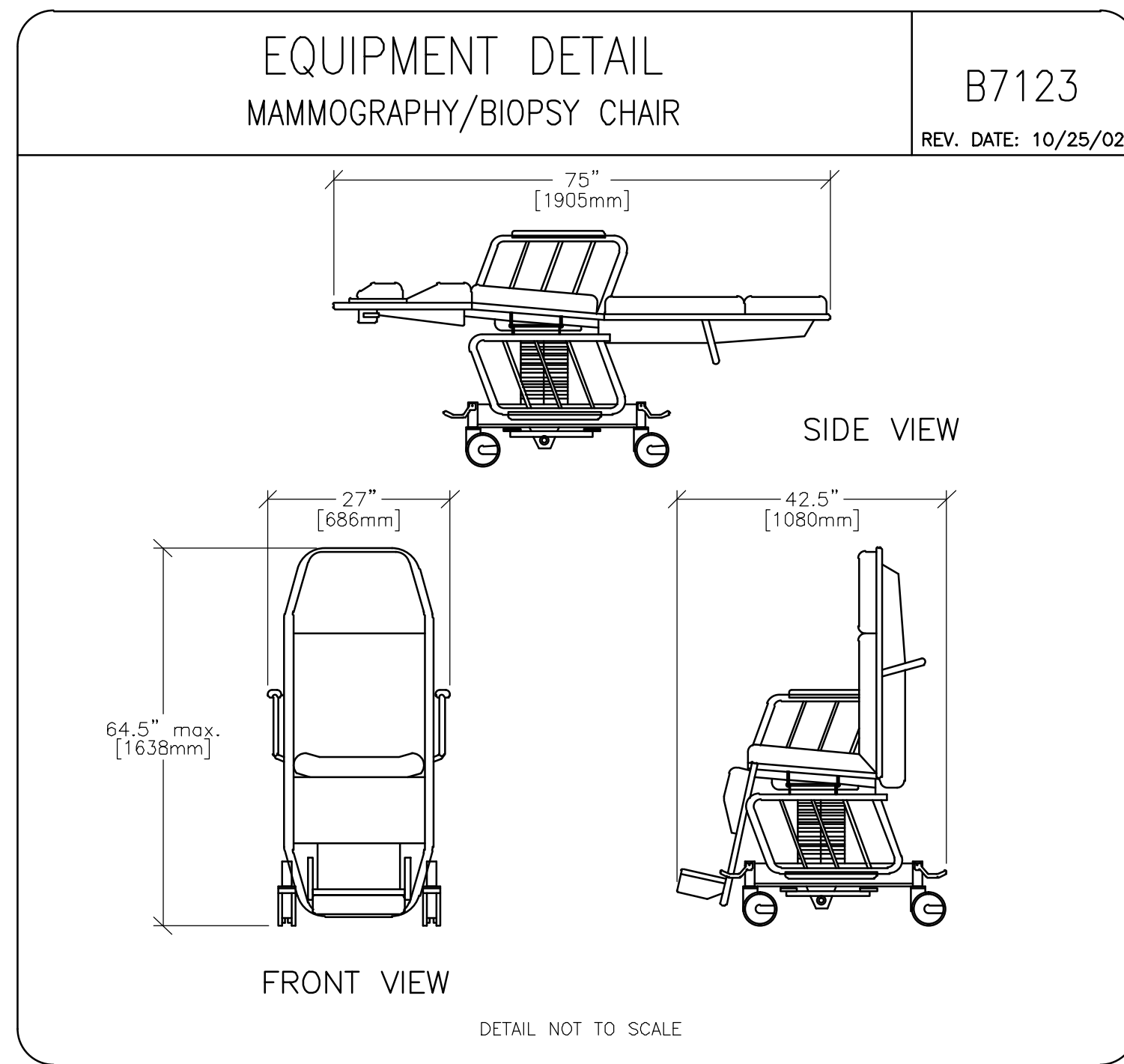
PROJECT	REVISION
9-32f	00
DATE:	09 Jan. 12
DRAWN BY:	KMR
CHECKED BY:	KMR

REVISION HISTORY:

SHEET
E3

PIM R1
RQ - 124195

GE Healthcare
IS Services Design Center
Minneapolis, Wisconsin



GE Healthcare
IS Services Design Center
Milwaukee, Wisconsin

SHEET TITLE: EQUIPMENT DETAILS
MODALITY TYPE: SENOGAPHE ESSENTIAL

THIS PLAN IS SUBMITTED TO SUBMIT LOCATION OF 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. THE COMPANY CANNOT BE HELD RESPONSIBLE FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE:
**TYPICAL FINAL
INSTALLATION DRAWING**
BROOKFIELD, WISCONSIN

PROJECT	REVISION
9-32f	00
DATE:	09 Jan. 12
DRAWN BY:	KMR
CHECKED BY:	KMR

REVISION HISTORY:

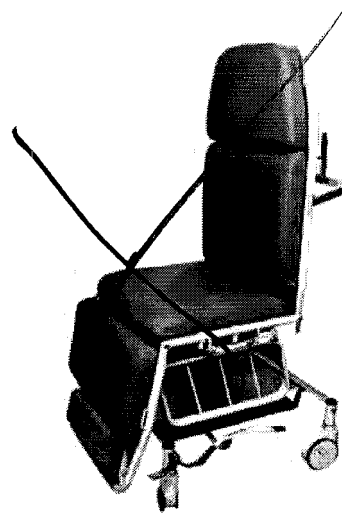
SHEET
D1

RQ - 124195 PIM R1

Mammography Furniture

Hausted Mammography Chair

- Foot pedal hydraulic height adjustment and pneumatic backrest/ foot section allows easy interface with most mammography machines
- Multiple positioning capabilities and functions can reduce procedure time
- 3 in. Comfort Cushions allow for enhanced patient comfort during procedures
- Height Adjustment: from 22 to 30 in.



Cat#	Description	List Price	Warranty
E63.5HA	Hausted Mammography Chair	\$12,500.00	L

GE Mammography Accessories Cabinet

- The GE Mammography Accessories Cabinet is a 1 piece, aluminum construction cabinet designed to hold 9 paddles, mag stand, QC phantoms, cassette holders and more
- It's designed to accommodate Senographe Essential, DS, 2000D and DMR accessories. Cabinet can be wall mounted or used as a floor standing structure
- Durable cabinet features a long lasting, powder-coated finish
- Measures 30 in. L x 14 in. D x 39 in. H



Cat#	Description	List Price	Warranty
E6315T	GE Mammography Accessories Cabinet	\$1,500.00	L

#5823

Mammography

Mammography Phantoms

Mammography ACR Phantom

- The phantom simulates the x-ray attenuation of a 4.2 cm slab of compressed human breast composed of 50% adipose tissue and 50% glandular tissue
- For use with analog and digital mammography systems
- An exceptional tool to help identify artifacts due to grids, filters, film-processing (for film-screen systems), as well as those produced by digital mammography systems



Cat#	Description	List Price	Warranty
E6322DJ	Mammography ACR Phantom	\$1,650.00	H

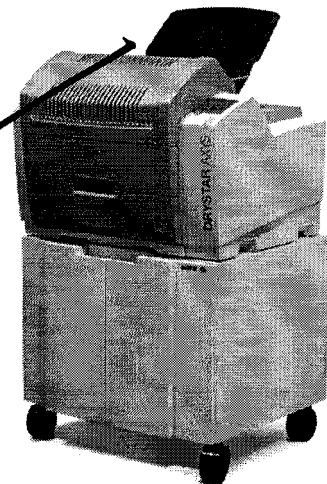
Print Solutions

Agfa® DRYSTAR™ AXYS™

A dual film size, direct digital imager with excellent quality. AXYS offers a great range of capabilities and can be used in both centralized workflows and with dedicated applications.

- Multi-application hardcopy solution
- Mammography-quality images, with 508 dpi image resolution
- Very short access time, for fast delivery of first 4 prints
- Convenient imaging, with 2 film sizes online
- E8202NG - Special Promotion! Includes: Agfa DRYSTAR AXYS for General Radiology, Smart Cart, and 5 year warranty
- E8202NH - Special Promotion! Includes: Agfa DRYSTAR AXYS with Mammography license, Smart Cart, and 5 year warranty

†Indicates promotional pricing on E8202NG and E8202NH - this is a limited time offer.



Cat#	Description	List Price	Warranty
E8202NE	Agfa DRYSTAR AXYS	\$24,800.00	E
E8202NF	Smartcart for DRYSTAR AXYS	\$1,425.00	H
E8202NG†	Agfa Technology Refresh Promotion, includes Agfa DRYSTAR AXYS for General Radiology	\$37,474.00	E
E8202NH†	Agfa Technology Refresh Promotion, includes Agfa DRYSTAR AXYS w/Mammo License, Media and Smartcart	\$43,061.25	E
E8202NJ	Agfa DRYSTAR AXYS without Mammo License for General Rad	\$20,500.00	E

To order: In U.S., call (800) 558-5102

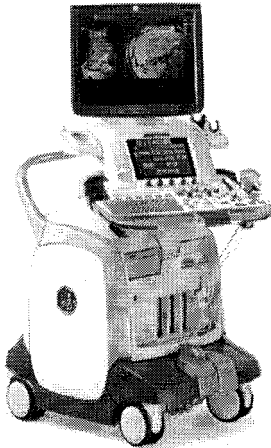


LOGIQ E9

August 5, 2008

Product Description

The LOGIQ E9 is our leadership ultrasound imaging system designed for abdominal, vascular, obstetric, gynecology, neonatal, pediatric, urology, transcranial, and small parts applications.



System Architecture

Agile Acoustic Architecture – GE's exclusive, patented, model-based technology provides unsurpassed computational power, ease of imaging, workflow flexibility and product upgrade-ability. The LOGIQ E9 excels in the following areas:

Exceptional Image Quality is created through the use of CrossXBeam, SRI-HD, coded techniques and advanced E-Series transducers.

Raw Data is GE's innovative technology that allows a virtual rescan on archived images by applying many of the same scan controls available during the original exam.

Productivity features to make the LOGIQ E9 one of the most productive ultrasound systems – including Scan

Assistant and Automatic Optimization.

Ergonomics with power-assisted control panel, articulating LCD arm and lightweight transducers combining to make one of the most ergonomic ultrasound systems available.

General Specifications

Dimensions and Weight

(Dimensions given with floating keyboard stowed for transport)

- Height: 1410mm
- Width: 585mm
- Depth: 830mm
- Weight: 135 kg, 298 lbs

Electrical Power

- Voltage: 100-120 Vac or 220-240 Vac
- Frequency: 50/60 Hz
- Power Consumption maximum of 1.2KVA with peripherals

Console Design

- 4 Active Probe Ports
- Integrated HDD (at least 150 GB)
- Integrated DVD-R Multi Drive
- On-board storage of thermal printer
- Integrated speakers with sub-woofer for premium sound
- Integrated locking mechanism that provides rolling lock and caster swivel lock
- Integrated cable management
- Front and rear handles
- Easily removable air filters

User Interface

Operator Keyboard

- Floating keyboard adjustable in three dimensions:
 - Height
 - Rotation
 - Extension
- Full-sized, backlit alphanumeric keyboard
- Ergonomic hard key layout
- Interactive back-lighting
- Integrated recording keys for remote control of up to 4 peripheral or DICOM devices
- Integrated gel warmer

Touch Screen

- 10.4 in High Resolution, Color, Touch, LCD screen
- Interactive dynamic software menu
- Brightness adjustment
- User-configurable layout

LCD Monitor

- 19" High-Resolution LCD
- LCD translation (independent of console):
 - 350 mm horizontal
 - 90° swivel
- Fold-down and lock mechanism for transportation
- Brightness & contrast adjustment
- Resolution: 1280 X 1024
- Horizontal/Vertical viewing angle of +/- 170°

System Overview

Applications

- Abdominal
- Obstetrical
- Gynecological
- Breast
- Small parts
- Vascular /Peripheral
- Transcranial
- Pediatric and Neonatal
- Musculoskeletal
- Urological

Operating Modes

- B-Mode
- M-Mode
- Color Flow Mode (CFM)
- Extended Field of View (LOGIQView, option)
- Power Doppler Imaging (PDI)
- PW Doppler
- Volume Modes (3D/4D):
 - 3D Static
 - 4D Real Time (option)
- Anatomical M-Mode
- Coded Contrast Imaging (option)

Scanning Methods

- Electronic Sector
- Electronic Convex
- Electronic Linear
- Mechanical Volume Sweep

Transducer Types

- Sector Phased Array
- Convex Array
- Micro convex Array
- Linear Array
- Matrix Arrays
- Volume Probes (4D)
 - Convex Array
 - Micro convex Array Linear Array
 - Linear Array

System Standard

Features

- Advanced user interface with high resolution 10.4 inch LCD touch panel
- Automatic Optimization
- CrossXBeam
- Speckle Reduction Imaging (SRI-HD)
- Fine Angle Steer
- Coded Harmonic Imaging
- Virtual Convex
- Patient information database

- Image Archive on integrated CD/DVD and hard drive
- Advanced 3D
- Raw Data Analysis
- Real-time automatic Doppler calcs
- OB Calcs
- Fetal Trending
- Multigestational Calcs
- Hip Dysplasia Calcs
- Gynecological Calcs
- Vascular Calcs
- Urological Calcs
- Renal Calcs
- InSite ExC capability
- On-board electronic documentation

Peripheral Options

- Integrated options for:
 - Digital B&W thermal printer
 - DVD video recorder
 - Digital color thermal printer
 - Digital A6 color thermal printer
- External USB printer connection
- DVI-I output available for compatible devices
- Console Protective Cover

Display Modes

- Live and Stored Display Format: Full size and split screen - both w/ thumbnails. For still and CINE
- Review Image Format: 4x4, and "thumbnails". For Still and CINE.
- Simultaneous Capability
 - B or CrossXBeam /PW
 - B or CrossXBeam /CFM or PDI
 - B/M
 - B/CrossXBeam
 - Real-time Triplex Mode (B or CrossXBeam + CFM or PDI/PW)
- Selectable alternating Modes
 - B or CrossXBeam /PW
 - B or CrossXBeam + CFM (PDI)/PW
- Multi-image (split/quad screen)
 - Live and/or frozen
 - B or CrossXBeam + B or CrossXBeam /CFM or PDI
 - PW/M
 - Independent Cine playback
- Time line display
 - Independent Dual B or CrossXBeam /PW Display
 - Display Formats
 - Top/ Bottom selectable format
 - Side/Side selectable format
- Virtual Convex

Display Annotation

- Patient Name: First, Last, & Middle
- Patient ID
- Age, Sex and Birth Date
- Hospital Name
- Date format: 3 types selectable MM/DD/YY, DD/MM/YY, YY/MM/DD
- Time format: 2 types selectable 24 hours, 12 hours
- Gestational Age from LMP/EDD/GA/BBT
- Probe Name
- Map names
- Probe Orientation
- Depth Scale Marker
- Lateral Scale Marker
- Focal Zone Markers
- Image Depth
- Zoom Depth
- B-Mode
 - Gain
 - Dynamic Range
 - Imaging Frequency
 - Frame Averaging
 - Gray Map
 - SRI-HD
- M-Mode
 - Gain
 - Dynamic Range
 - Time Scale
- Doppler Mode
 - Gain
 - Angle
 - Sample Volume Depth and Width
 - Wall Filter
 - Velocity and/or Frequency Scale
 - Spectrum Inversion
 - Time Scale
 - PRF
 - Doppler Frequency
- Color Flow Doppler Mode
 - Line Density
 - Frame Averaging
 - Packet Size
 - Color Scale: 3 types Power, Directional PDI, and Symmetrical Velocity Imaging
 - Color Velocity Range and Baseline
 - Color Threshold Marker
 - Color Gain
 - PDI
 - Spectrum Inversion
 - Doppler Frequency
- TGC Curve
- Acoustic Frame Rate

- CINE Gauge, Image Number / Frame Number
- Body Pattern: Multiple human and animal types
- Application Name
- Measurement Results
- Operator Message
- Displayed Acoustic Output
 - TIS: Thermal Index Soft Tissue
 - TIC: Thermal Index Cranial (Bone)
 - TIB: Thermal Index Bone
 - MI: Mechanical Index
- % of Maximum Power output
- Biopsy Guide Line and Zone
- Heart Rate

General System Parameters

System Setup

- Pre-programmable Categories
- User Programmable Preset Capability
- Factory Default Preset Data
- Languages: English, French, German, Spanish, Italian, Portuguese, Russian, Greek, Swedish, Danish, Dutch, Finnish, Norwegian
- OB Report Formats including Tokyo Univ., Osaka Univ., USA, Europe, and ASUM
- User Defined Annotations
- Body Patterns
- Customized Comment Home Position

Complete User Manual available on board through Help (F1)

User Manual and Service Manual are included on CD with each system. A printed manual is available upon request.

CINE Memory/Image Memory

- 384 MB of CINE Memory
- Selectable CINE Sequence for CINE Review
- Prospective CINE Mark
- Measurements/ Calculations & Annotations on CINE Playback
- Scrolling timeline memory
 - Dual Image CINE Display
 - Quad Image CINE Display

- CINE Gauge and CINE Image Number Display
- CINE Review Loop
- CINE Review Speed

Image Storage

- On-board database of patient information from past exams
- Storage Formats:
 - DICOM – compressed/ uncompressed, single/ multiframe, with/ without Raw Data
 - Export JPEG, WMV (MPEG 4), and AVI formats
- Storage Devices:
 - USB Memory Stick: 64MB to 4GB (for exporting individual images/clips)
 - CD-RW storage: 700MB
 - DVD storage: -R (4.7GB)
 - Hard Drive Image Storage: ~150GB
- Compare old images with current exam
- Reload of archived data sets

Connectivity & DICOM

- Ethernet network connection
- DICOM 3.0 (optional)
 - Verify
 - Print
 - Store
 - Modality Worklist
 - Storage Commitment
 - Modality Performed Procedure Step (MPPS)
 - Media Exchange
 - Off network / mobile storage queue
 - Query / Retrieve
- Public SR Template
- Structured Reporting – compatible with vascular and OB standard
- Media store of Structured Reporting
- InSite ExC capability

Report Writer (optional)

- On-board reporting package automates report writing
- Formats various exam results into a report suitable for printing or reviewing on a standard PC
- Exam results include patient info, exam info, measurements,

calculations, images, comments and diagnosis

- Standard templates provided
- Customizable templates

Scanning Parameters

- Digital Beamformer
- Displayed Imaging Depth: 0 – 36 cm
- Minimum Depth of Field: 0 – 2 cm (Zoom) (probe dependent)
 - Maximum Depth of Field: 0 – 36 cm (probe dependent)
- Continuous Dynamic Receive Focus / Continuous Dynamic Receive Aperture
- Adjustable Dynamic Range
- Adjustable Field of View (FOV)
- Image Reverse: Right/ Left
- Image Rotation of 0°, 180°

Digital B-Mode

- Adjustable:
 - Acoustic Power
 - Gain
 - Dynamic Range
 - Frame Averaging
 - Gray Scale Map
 - Frequency
 - Line Density
 - Scanning Size (FOV or Angle - depending on the probe, see probe specifications)
 - B Colorization
 - Reject
 - Suppression
 - SRI-HD

Digital M-Mode

- Adjustable:
 - Acoustic Power
 - Gain
 - Dynamic Range
 - Gray Scale Map
 - Frequency
 - Sweep Speed
 - M Colorization
 - M Display Format
 - Rejection

Anatomical M-Mode

- M-mode cursor adjustable at any plane
- Can be activated from a CINE loop from a live or stored image
- M & A capability

Digital Spectral Doppler Mode

- Adjustable:
 - Acoustic Power
 - Gain
 - Dynamic Range
 - Gray Scale Map
 - Transmit Frequency
 - Wall Filter
 - PW Colorization
 - Colorized Map
 - Velocity Scale Range
 - Wall Filter
 - Sweep Speed
 - Sample Volume Length
 - Angle Correction
 - Steered Linear
 - Spectrum Inversion
 - Trace Method
 - Baseline Shift
 - Doppler Auto Trace
 - Time Resolution
 - Compression
 - Trace Direction
 - Trace Sensitivity

Digital Color Flow Mode

- Adjustable:
 - Acoustic Power
 - Color Maps, including velocity-variance maps
 - Gain
 - Velocity Scale Range
 - Wall Filter
 - Packet Size
 - Line Density
 - Spatial Filter
 - Steering Angle
 - Baseline Shift
 - Frame Average
 - Threshold
 - Accumulation mode
 - Sample Volume Control
 - Flash Suppression

Digital Power Doppler Imaging

- Adjustable:
 - Acoustic Power
 - Color Maps, including velocity-variance maps
 - Gain
 - Velocity Scale Range
 - Wall Filter
 - Packet Size
 - Line Density

- Spatial Filter
- Steering Angle
- Frame Average
- Threshold
- Accumulation mode
- Sample Volume Control
- Flash Suppression

Automatic Optimization

- Optimize B-Mode image to improve contrast resolution.
- Selectable amount of contrast resolution improvement (low, medium, high)
- Auto-Spectral Optimize – adjusts baseline, invert, PRF (on live image), and angle correction

Coded Harmonic Imaging

- Available on all 2D and 4D probes

Coded Contrast Imaging (optional – available only outside the United States)

Available on 3CRF, S1-5, C1-5D, IC5-9D, 9L-D, ML6-15D, RAB2-5D

- Contrast Timer
- Timed Updates: 0.05 – 10 seconds
- TruAgent Detection: Available on 3CRF, S1-5, C1-5D, IC5-9D, 9L-D, ML6-15D, RAB2-5D
- Accumulation mode, six levels
- Maximum Enhance Mode
- Time Intensity Curve (TIC) Analysis
- The LOGIQ E9 is designed for compatibility with commercially available ultrasound contrast agents. Because the availability of these agents is subject to government regulation and approval, product features intended for use with these agents may not be commercially marketed nor made available before the contrast agent is cleared for use. Contrast related product features are enabled only on systems for delivery to an authorized country or region of use.

LOGIQView (optional)

- Extended Field of View Imaging
- Available on the following probes: 9L-D, 11L-D, ML6-15D, 3CRF, C1-5D,

- M6C-D, IC5-9D, RIC5-9D, RAB 2-5D, RNA5-9D, RSP6-16D, M4S-D, S1-5
- For use in B-Mode
- CrossXBeam is available on linear probes
- Auto detection of scan direction
- Pre or post-process zoom
- Rotation
- Auto best fit on monitor
- Measurements in B-Mode
- Up to 60 cm scan length

3D

- Allows unlimited rotation and planar translations
- 3D reconstruction from CINE sweep

Advanced 3D

- Acquisition of Color data
- Automatic rendering
- 3D Landscape technology
- 3D Movie

Real Time 4D (optional)

- Acquisition Modes:
 - Real Time 4D
 - Static 3D
- Visualization Modes:
 - 3D Rendering (diverse surface and intensity projection modes)
 - Sectional Planes (3 Section planes perpendicular to each other)
 - Volume Contrast Imaging-Static and VCI-C optional)
- Render Mode:
 - Surface Texture, Surface Smooth, max-, min- and X-ray (average intensity projection), mix mode of two render modes
- Curved 3 point Render start
- 3D Movie
- Scalpel: 3D Cut tool
- Display Format:
 - Quad: A-/B-/C-Plane/3D
 - Dual: A-Plane/3D
 - Single: 3D or A- or B- or C-Plane
- Automated Volume Calculation - VOCAL II (optional)

Volume Navigation (optional)

- Available on the C1-5D, S1-5, 9L-D, ML6-15D probes
- Sensor-based acquisition
- Position Markers
- Tru3D feature includes:
 - Display of data in: Main-, Parallel-, Angular-Mode

- Render Modes: Gray Surface, Texture, Min-, Max-, Average-Intensity
- Measurements: distance, angle, area, volume
- 3D Movie

Scan Assistant (optional)

- Factory Programs
- User -defined programs
- Steps include image annotations, mode transitions, basic imaging controls and measurement initiation

Virtual Convex

- Provides a convex field of view
- Compatible with CrossXBeam
- Available on all linear and sector transducers 9L-D, 11L-D, ML6-15-D, RSP6-16-D, M4S-D, S1-5

CrossXBeam

- Provides 3,5,7, or 9 angles of spatial compounding
- Live Side by Side DualView Display
- Compatible with:
 - Color Mode
 - PW
 - SRI-HD
 - Coded Harmonic Imaging
 - Virtual Convex
- Available on the following probes: 9L-D, 11L-D, ML6-15D, 3CRF, C1-5D, M6C-D, IC5-9D, RIC5-9D, RAB 2-5D, RNA5-9D, RSP6-16D

SRI-HD

- Speckle Reduction Imaging
- Provides multiple levels of speckle reduction
- Compatible with Side by Side DualView Display
- Compatible with ALL linear, convex and sector transducers
- Compatible w/ B-Mode, Color, Contrast Agent and 3D/4D imaging

Controls Available While "Live"

- Write Zoom
- B/M/CrossXBeam-Mode
 - Gain
 - TGC
 - Dynamic Range
 - Acoustic Output
 - Transmission Focus Position

- Transmission Focus Number
- Line Density Control
- Sweep Speed for M-Mode
- Number of Angles for CrossXBeam
- PW-Mode
 - Gain
 - Dynamic Range
 - Acoustic Output
 - Transmission Frequency
 - PRF
 - Wall Filter
 - Spectral Averaging
 - Sample Volume Gate
 - Length
 - Depth
 - Velocity Scale
- Color Flow Mode
 - CFM Gain
 - CFM Velocity Range
 - Acoustic Output
 - Wall Echo Filter
 - Packet Size
 - Frame Rate Control
 - CFM Spatial Filter
 - CFM Frame Averaging
 - CFM Line Resolution
 - Frequency / Velocity Base Line Shift

Controls Available on "Freeze" or Recall

- Automatic Optimization
- SRI-HD
- CrossXBeam – Display non-compounded and compounded image simultaneously in split screen
- 3D reconstruction from a stored CINE loop
- B/M/CrossXBeam Mode
 - Gray Map Optimization
 - TGC
 - Colorized B and M
 - Color Gain (loops only)
 - Dynamic Range
- Anatomical M Mode
- Max Read Zoom to 8x
- Base Line Shift
- Sweep Speed
- PW Mode
 - Gray Map
 - Post Gain
 - Baseline shift
 - Sweep Speed
 - Invert Spectral wave form
 - Compression
 - Rejection
 - Colorized Spectrum

- Display Format
- Doppler Audio
- Angle Correct
- Quick Angle Correct
- Auto Angle Correct
- Color Flow
 - Overall Gain (loops and stills)
 - Color Map
 - Transparency Map
 - Frame Averaging (loops only)
 - Flash Suppression
 - CFM Velocity Tag
 - CFM Display Threshold
 - Spectral Invert for Color/Doppler
- Anatomical M-Mode on cine loop
- 4D
 - Gray Map, Colorize
 - Post Gain
 - Change display – single, dual, quad sectional or rendered

Measurements / Calculations

General B-Mode

- Depth & Distance
- Circumference (Ellipse / Trace)
- Area (Ellipse / Trace)
- Volume (Ellipsoid)
- % Stenosis (Area or Diameter)
- Angle between two lines

General M-Mode

- M-Depth
- Distance
- Time
- Slope
- Heart Rate

General Doppler Measurements/ Calculations

- Velocity
- Time
- A/B Ratio (Velocities / Frequency Ratio)
- PS (Peak Systole)
- ED (End Diastole)
- PS/ED (PS/ED Ratio)
- ED/PS (ED/PS Ratio)
- AT (Acceleration Time)
- ACCEL (Acceleration)
- TAMAX (Time Averaged Maximum Velocity)
- Volume Flow (TAMEAN and Vessel Area)
- Heart Rate

- PI (Pulsatility Index)
- RI (Resistivity Index)

Real-time Doppler Auto Measurements / Calculations

- PS (Peak Systole)
- ED (End Diastole)
- MD (Minimum Diastole)
- PI (Pulsatility Index)
- RI (Resistivity Index)
- AT (Acceleration Time)
- ACC (Acceleration)
- PS/ED (PS/ED Ratio)
- ED/PS (ED/PS Ratio)
- HR (Heart Rate)
- TAMAX (Time Averaged Maximum Velocity)
- PVAL (Peak Velocity Value)
- Volume Flow (TAMEAN and Vessel Area)

OB Measurements / Calculations

- Gestational Age by:
 - GS (Gestational Sac)
 - CRL (Crown Rump Length)
 - FL (Femur Length)
 - BPD (Biparietal Diameter)
 - AC (Abdominal Circumference)
 - HC (Head Circumference)
 - APTD x TTD (Anterior/Posterior Trunk Diameter by Transverse Trunk Diameter)
 - LV (Length of Vertebra)
 - FTA (Fetal Trunk Cross-sectional Area)
 - HL (Humerus Length)
 - BD (Binocular Distance)
 - FT (Foot Length)
 - OFD (Occipital Frontal Diameter)
 - TAD (Transverse Abdominal Diameter)
 - TCD (Transverse Cerebellum Diameter)
 - THD (Thorax Transverse Diameter)
 - TIB (Tibia Length)
 - ULNA (Ulna Length)
- Estimated Fetal Weight (EFW) by:
 - AC, BPD
 - AC, BPD, FL
 - AC, BPD, FL, HC
 - AC, FL
 - AC, FL, HC
 - AC, HC
 - EFBW

- Calculations and Ratios
 - FL/BPD
 - FL/AC
 - FL/HC
 - HC/AC
 - CI (Cephalic Index)
 - AFI (Amniotic Fluid Index)
 - CTAR(Cardio-Thoracic Area Ratio)
- Measurements / Calculations by: ASUM, ASUM 2001, Berkowitz, Bertagnoli, Brenner, Campbell, CFEF, Chitty, Eik-Nes, Ericksen, Goldstein, Hadlock, Hansmann, Hellman, Hill, Hohler, Jeanty, JSUM, Kurtz, Mayden, Mercer, Merz, Moore, Nelson, Osaka University, Paris, Rempen, Robinson, Shepard, Shepard/Warsoff, Tokyo University, Tokyo/Shinozuka, Yarkoni
 - Fetal Graphical Trending
 - Growth Percentiles
 - Multi-Gestational Calculations (4)
 - Fetal Qualitative Description (Anatomical survey)
 - Fetal Environmental Description (Biophysical profile)
 - Programmable OB Tables
 - Over 20 selectable OB Calcs
 - Expanded Worksheets

GYN Measurements/ Calculations

- Right Ovary Length, Width, Height
- Left Ovary Length, Width, Height
- Uterus Length, Width, Height
- Cervix Length, Trace
- Ovarian Volume
- ENDO (Endometrial thickness)
- Ovarian RI
- Uterine RI
- Follicular measurements
- Summary Reports

Vascular Measurements/ Calculations

- SYS DCCA (Systolic Distal Common Carotid Artery)
- DIAS DCCA (Diastolic Distal Common Carotid Artery)
- SYS MCCA (Systolic Mid Common Carotid Artery)
- DIAS MCCA (Diastolic Mid Common Carotid Artery)
- SYS PCCA (Systolic Proximal Common Carotid Artery)
- DIAS PCCA (Diastolic Proximal Common Carotid Artery)

- SYS DICA (Systolic Distal Internal Carotid Artery)
- DIAS DICA (Diastolic Distal Internal Carotid Artery)
- SYS MICA (Systolic Mid Internal Carotid Artery)
- DIAS MICA (Diastolic Mid Internal Carotid Artery)
- SYS PICA (Systolic Proximal Internal Carotid Artery)
- DIAS PICA (Diastolic Proximal Internal Carotid Artery)
- SYS DECA (Systolic Distal External Carotid Artery)
- DIAS DECA (Diastolic Distal External Carotid Artery)
- SYS PECA (Systolic Proximal External Carotid Artery)
- DIAS PECA (Diastolic Proximal External Carotid Artery)
- VERT (Systolic Vertebral Velocity)
- SUBCLAV (Systolic Subclavian Velocity)
- Summary Reports

Urological Calcs

- Bladder Volume
- Prostate Volume
- Lt/Rt Renal Volume
- Generic Volume
- Post-Void Bladder Volume

Probes (All Optional)

- **3CRF** Micro Convex Biopsy Probe
 - Applications: Abdomen, OB Gyn, Vascular
 - Biopsy Guide: Single-Angle, disposable with a reusable bracket (40442LR)
- **C1-5-D** Convex Probe
 - Applications: Abdomen, OB Gyn, Urology, Vascular
 - Biopsy Guide: Multi-Angle, disposable with a reusable bracket (H40432LE)
- **M6C-D** Matrix Array Convex Probe
 - Applications: Abdomen, OB Gyn, Pediatrics
 - Biopsy Guide: Multi-angle, disposable with a reusable bracket (E8385RF)
- **IC5-9-D** Micro convex Probe
 - Applications: OB/Gyn, Urological
 - Biopsy Guide: Single Angle, Disposable with a disposable

bracket (E8385MJ) or reusable bracket (H40412LN)

S1-5 Sector Probe

- Applications: Abdomen, OB/GYN
- Biopsy Guide: Multi-angle, disposable with a reusable bracket (H4908SD)

M4S-D Sector Probe

- Applications: TCD

9L-D Linear Probe

- Applications: Vascular, Small Parts, Pediatric, Abdomen
- Biopsy Guide: Multi-angle, disposable with a reusable bracket (H4906BK)

11L-D Linear Probe

- Applications: Vascular, Small Parts, Neonatal, Pediatrics
- Biopsy Guide Available: Multi-Angle, disposable with a reusable bracket (H40432LC)

ML6-15-D Matrix Array Linear Probe

- Applications: Small Parts, Vascular, Neonatal, Pediatrics
- Biopsy Guide Available: Multi-Angle, disposable with a reusable bracket (H40432LK)

RAB2-5-D Convex Volume Probe

- Applications: Abdomen, OB
- Biopsy Guide: Single Angle, disposable with a reusable bracket (H4601AE), single angle, reusable (H48621W)

RIC5-9-D Convex Volume Probe

- Applications: OB GYN, Urology
- Biopsy Guide: Single Angle, Reusable (H46721R)

RNA5-9-D Convex Volume Probe

- Applications: Neonatal, Pediatrics
- Biopsy Guide: Single Angle, disposable with a reusable bracket (H46701AF), single angle, reusable (H468651DG)

RSP6-16-D Linear Volume Probe

- Applications: Small Parts, Peripheral Vascular, Pediatrics
- Biopsy Guide: Single Angle, disposable with a reusable bracket (H47001AD), single angle, reusable (H46721W)

External Inputs and Outputs (not including on-board peripherals)

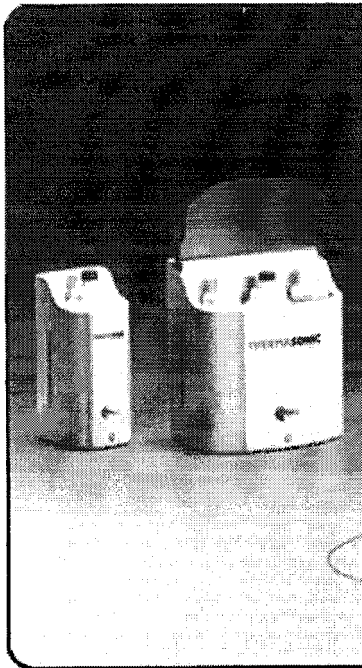
- DVI-I
- Audio Stereo Out
- Ethernet
- Multiple USB 2.0 ports

Safety Conformance

The LOGIQ E9 is:

- Classified to UL 60601-1 by a Nationally Recognized Test Lab
- Certified to CAN/CSA-C22.2 No. 601.1-M90 by an SCC accredited Test Lab
- CE Marked to Council Directive 93/42/EEC on Medical Devices
- Conforms to the following standards for safety:
 - EN 60601-1 Electrical medical equipment
 - EN 60601-1-1 Electrical medical equipment
 - EN 60601-1-2 Electromagnetic compatibility
 - EN 60601-1-4 Programmable medical systems
 - EN 60601-2-37 Particular requirements for the safety of ultrasonic medical diagnostic and monitoring equipment
 - ISO 10993 Biological evaluation of medical devices
 - NEMA UD3 Acoustic output display (MI, TIS, TIB, TIC)
 - EMC Emissions Group 1 Class A device requirements as per Sub clause 4.2 of CISPR 11

5826



THERMASONIC® Gel Warmer

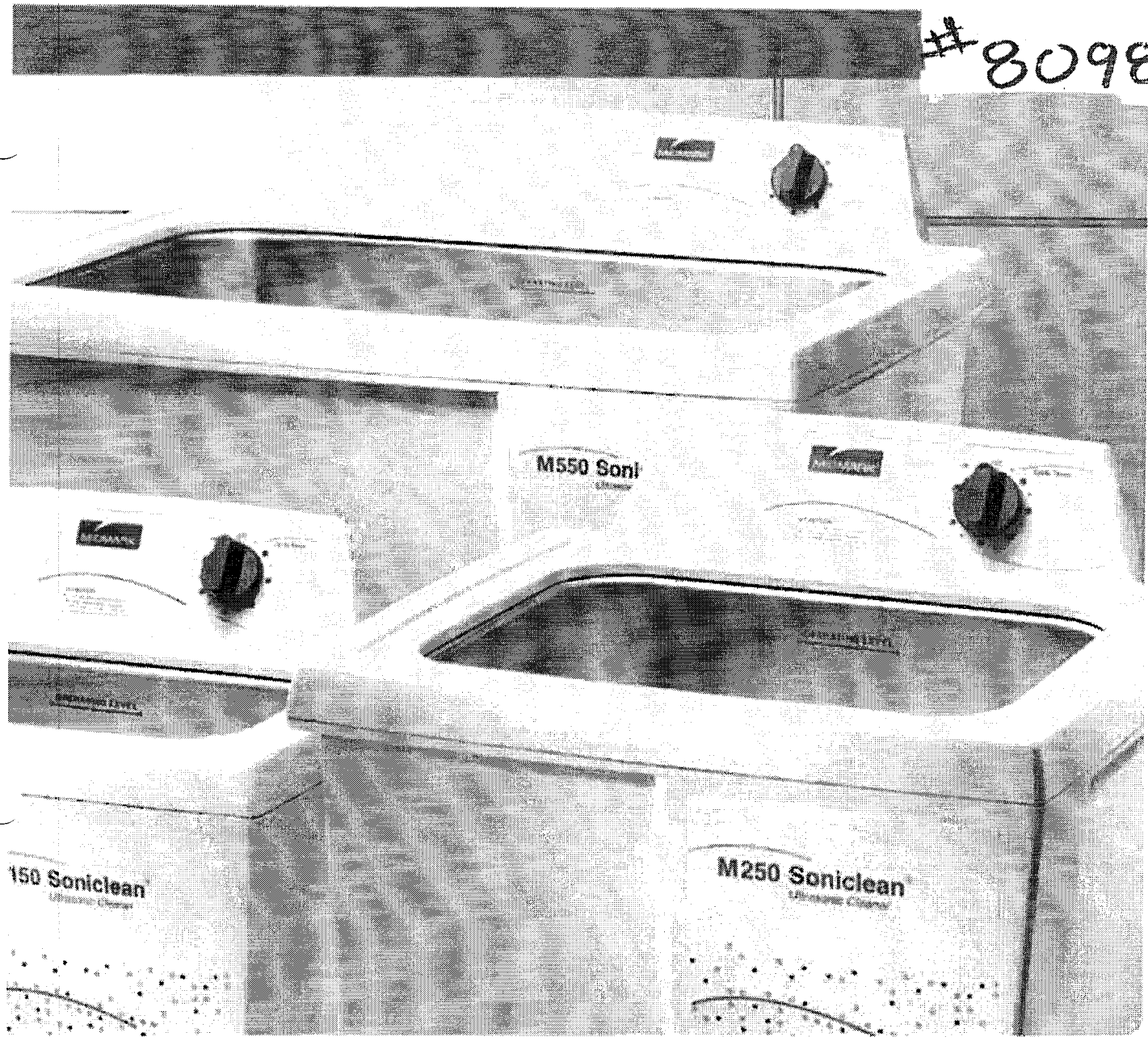
NEW single bottle and re-designed three-bottle gel warmer warms ultrasound gel to body temperature. Durable wall mountable construction, with warranty. Available in 120V and 230V.

Features

- Hospital grade plug and power cord
- UL and CSA listed
- Maintains constant temperature
- Low electrical demand
- High density impact-resistant composite
- Heat Indicator Lamp
- Adjustable thermostat (multi-bottle unit only)
- Illuminated power ON/OFF switch (multi-bottle unit only)

Product#	Package Size
82-01	Single bottle gel warmer 120V
82-03	Multi-bottle gel warmer 120V (plus 3 dispensers of ultrasound couplant)

#8098



Every office has different ultrasonic cleaning needs depending on the number of patients and the types of procedures being performed. That's why Midmark provides you with three size options that can be placed on the countertop or recessed.

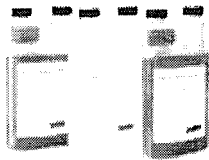
An independent national laboratory ranked the Soniclean "the quietest ultrasonic cleaner" among all units tested. In addition, it was the only unit ranked "excellent" for noise comfort. That's important for your staff and patients.

Excellent		Noise in Decibels					Poor	
58	59	63	65	71	75	82	84	
Soniclean™ M150	Soniclean™ M250	BioKlean™ UC 100	Soniclean™ SS-117	Health Services™ 11430	Ultrasonic™ 21X	Ultrasonic™ 26B	Sweepzone™ 3140	

Soniclean is ranked quietest among this group of ultrasonic cleaners by an independent national organization.

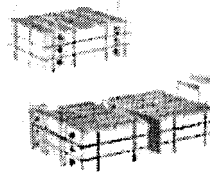
Specifications

	M150	M250	M550
Overall length:	12" (30.48 cm)	15.5" (39.37 cm)	18" (45.72 cm)
Overall width:	16" (40.64 cm)	16" (40.64 cm)	24" (60.96 cm)
Overall height:	14.5" (36.83 cm)	14.5" (36.83 cm)	14.5" (36.83 cm)
Tank Size:	11.5"W x 6"L x 6"D (29.21 x 15.24 x 15.24 cm)	11.5"W x 9.5"L x 6"D (29.21 x 24.13 x 15.24 cm)	19.5"W x 11.5" L x 6"D (49.53 x 29.21 x 15.24 cm)
Water tank capacity:	1.5 gal. (5.7 liters)	2.5 gal. (9.5 liters)	5.5 gal. (20.8 liters)
Unit weight:	12 lbs. (5.4 kg)	14 lbs. (6.4 kg)	26 lbs. (11.7 kg)
Shipping weight:	17 lbs. (7.7 kg)	20 lbs. (9.1 kg)	40 lbs. (18.1 kg)
Electrical Requirements:	<p>M150-001 Input: 115 VAC +/-10%, 50/60 Hz, 130W, 1.1A Output: 100 W, 42kHz +/-10% CSA Listed TUV and FCC Registered</p> <p>M150-002 Input: 220 VAC +/-10%, 50/60 Hz, 130W, 0.6A Output: 100 W, 42kHz +/-10% CSA Listed TUV and FCC Registered</p>	<p>M250-001 Input: 115 VAC +/-10%, 50/60 Hz, 180W, 1.5A Output: 135 W, 42kHz +/-10% CSA Listed TUV and FCC Registered</p> <p>M250-002 Input: 220 VAC +/-10%, 50/60 Hz, 180W, 0.8A Output: 135 W, 42kHz +/-10% CSA Listed TUV and FCC Registered</p>	<p>M550-001 Input: 115 VAC +/-10%, 50/60 Hz, 320W, 2.7A Output: 250 W, 42kHz +/-10% CSA Listed TUV and FCC Registered</p> <p>M550-002 Input: 220 VAC +/-10%, 50/60 Hz, 320W, 1.5A Output: 250 W, 42kHz +/-10% CSA Listed TUV and FCC Registered</p>
Warranty:	2 year limited warranty	2 year limited warranty	2 year limited warranty
Optional Accessories:	<p>9A290001 – Safety Basket</p> <p>9A291001 – Half Basket</p> <p>9A285001 – Accessory Kit</p> <p>9A286001 – Accessory Kit with Half Basket</p>	<p>9A292001 – Safety Basket</p> <p>9A293001 – Half Basket</p> <p>9A287001 – Accessory Kit</p> <p>9A288001 – Accessory Kit with Half Basket</p> <p>9A295001 – Dental Cassette Rack</p>	<p>9A294001 – Safety Basket</p> <p>9A289001 – Accessory Kit</p> <p>9A407001 – Dental Cassette Rack</p>



Cleaning Solutions

Midmark Ultrasonic Cleaning Solutions effectively clean blood, tissue and mucus fast and effectively. General Purpose Cleaner, Tartar and Stain Remover, and Enzymatic Cleaning Solution do the work for you.



Cassette Racks

The M250 Cassette Rack holds three 6" x 11" cassettes.

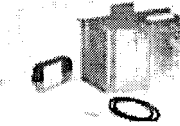
The M250 Cassette Rack will not accept the stacked 6" x 11" Half Basket cassette. A special Half Basket 6" x 10.5" cassette (part #M4162) is available for use in the M250 Sonifier.

The M550 Cassette Rack holds six 6" x 11" cassettes.



Accessory Kit

Includes safety basket, beakers, beaker positioning cover with rings and beaker lids. (M250 kit shown)



Accessory Kit with Half Basket

Includes safety basket, beakers, beaker positioning cover with rings, beaker lids and basket lid. (M250 kit shown)

Midmark is an ISO 13485 and ISO 9001 Certified Company. For more information or a demonstration, contact your Midmark dealer or call 1-800-MIDMARK. Fax: 1-877-225-6492. Outside the U.S.A., call: 1-313-696-9552. Fax: 1-937-526-8214 or visit our website at midmark.com

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Ditto in U.S.A. 007-415 1-00 Rev.D1 (2/10)



Because we care.

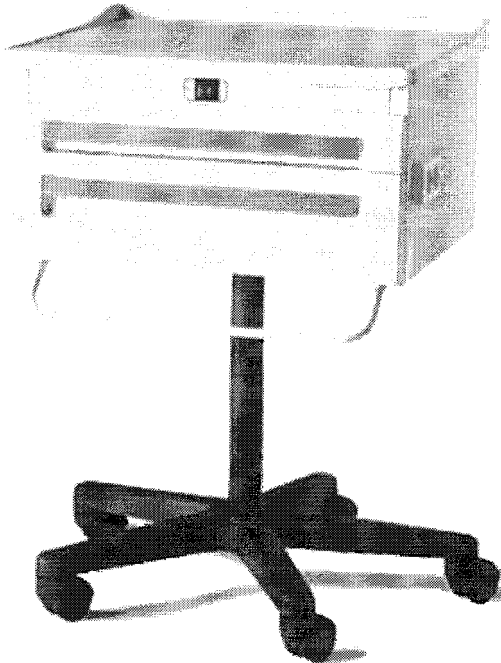
#8168



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Midmark 665 Special Procedures Cart



Specifications

Dimensions:

30.63" H x 21.75" W x 18.63"
(77.8 x 55.2 x 47.3 cm)

Drawers:

Two with high-impact plastic

Top drawer:

17.25" W x 13" D x 2" H w/p
(43.8 x 33 x 5.1 cm)

Bottom drawer:

17.25" W x 13" D x 4" H w/p
(43.8 x 33 x 10.2 cm)

Shipping weight: 80 pounds

The base features a five-point transport handle. Cart supplied with carpet casters.

Click images below for alternate views



STANLEY

InnerSpace

6324R5 Crash Cart

#8204

Product Description

If you're looking for style, versatility and maneuverability, then you'll find it in our line of Harmony® small carts. Solid red in color, the 6324R5 Crash Cart is pre-configured with five drawers (3-3" drawer, 1-6" drawer and 1-9" drawers) and accepts a wide range of accessories. Full extension metal drawers accept removable InnerSpace plastic trays and dividers. Every small cart comes standard with heavy-duty 5" (12.7 cm) plate casters, central key-lock and a pull-out writing surface. Accessories sold separately, or purchase the 6324RVP which includes the CVP Crash Cart value pack.

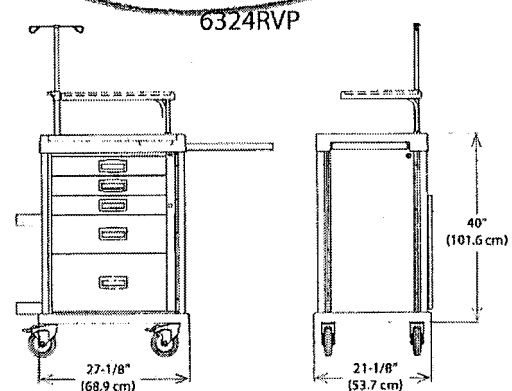
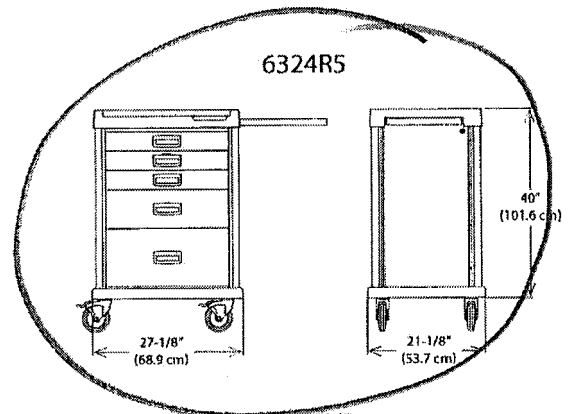
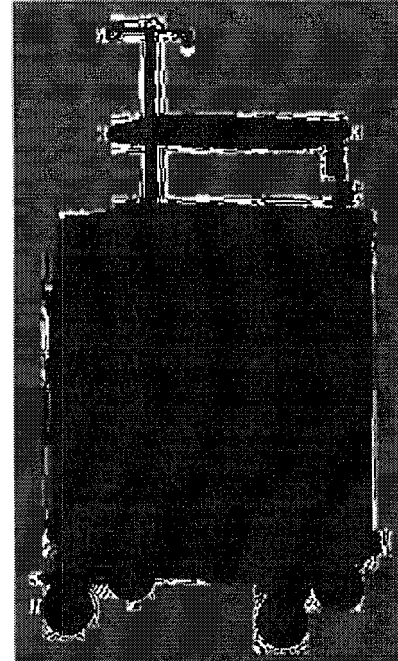
Product Specifications

Materials

Shell	Steel Panel Construction with Aluminum Corner Posts.
Base	Integrated Steel Bumpers with Thermoformed ABS Shell.
Drawers	Steel Drawer Fronts.
Work Top	Seamless Thermoformed ABS with Raised Edge.
Pull-Out	Blow-Molded ABS Plastic with Steel
Writing Surface	Reinforcement - 35 lbs. (15.9 kg)
Drawer Glides	Steel Ball Bearing, 88 lbs. (40 kg) limit.
Finish, Exterior Metal Surfaces	Durable, Thermoset Powder Coating Anodized Aluminum Posts. All harmony carts available in white.
Casters	5" Full-Swivel Plate Type with Steel Mounting Plates, two (2) with Locks, One (1) Tracking Caster.
Locking System	Central Locking System with Key Lock is Standard.
Accessory Mounting System	Side Mounted Accessories: Vertically Adjustable Aluminum Rails. Top-mounted Accessories: Reinforced Post Guides.

Exterior Dimensions

Height	Width	Depth	Weight
40" (101.6 cm)	27 1/8" (68.9 cm)	21 1/8" (53.7 cm)	145 lbs. (65.8 cm)



PB0187

STANLEY

InnerSpace

6324R5 Crash Cart

Options (See small cart catalogue for more accessories)

VIV	IV Pole
* VOT-1	Oxygen Tank Holder
* VRB-1	Resuscitation Board
VDS-1	Defibrillator Shelf, Swivel Type
* V24LB	Break-Away Lock Bar
CVP	Pre-Configured Value Pack for 24" drawer cart. Includes VIV, VOT-1, VRB-1, VDS-1, V24LB
3TRD	Plastic Tray for 3" drawer, dividers included.
6TRD	Plastic Tray for 6" drawer, dividers included.
9TRD	Plastic Tray for 9" drawer, dividers included.
6324RVP	Crash cart pre-configured w/CVP Kit.

PB0187

Procedure

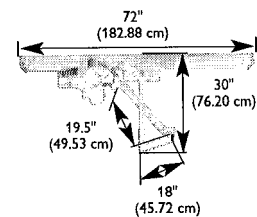
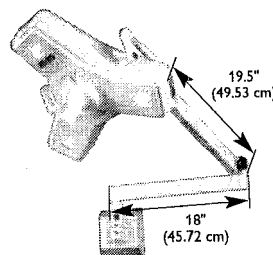
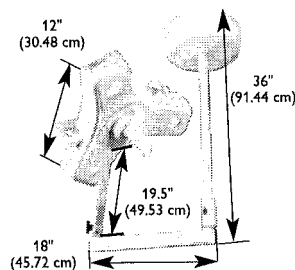
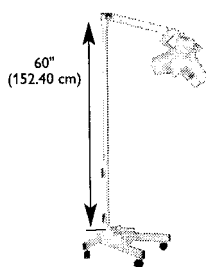
Outpatient[®] II

The perfect blend of minimal heat output and high color temperature, low-maintenance and top performance.

The Outpatient[®] II is the documented industry leader for procedure lights. More physicians choose the Outpatient[®] II than any other procedure light for focusable flood-type light, maximum intensity and shadow-free operation. With minimal heat output and high color temperature, the Outpatient[®] II is the perfect low-maintenance, top performing light for nearly every application in the hospital, surgical suite or physician's office.

Features

- 86,000 lux (7990 fc) at 24" (61 cm)
- 3300 K color temperature
- CRI (Color Rendering Index) of 94
- Focuses with central removable, autoclavable SteriHandle™
- Friction knob allows user to adjust friction on the self-balancing arm positioning to desired tension without a tool
- Cool operation ensured with heat filters and dichroic coatings
- Operation provided by three 50-watt halogen bulbs, each with 2000-hour average bulb life, minimizes shadows
- Bulbs are wired in parallel to ensure continuous operation
- Design allows removal or replacement of SteriHandle™ with one hand (for ensuring sterile procedures)
- Floorstand units include footswitch, locking casters and cord wrap
- Mounting systems meet California Seismic Codes
- 120V model standard; 230 / 240V and 100V models also available
- UL 60601-1/IEC 60601-2-41 certified
- 5-year limited warranty
- Assembled in USA



Ordering Information

120V Model	230/240V Model	230/240V SP Model*	100V Model	Description
OP216FL	OP225FL	O202FL25	OP215FL	Floorstand
OP216SC	OP225SC	O202SC25	OP215SC	Single Ceiling Mount
OP216DC	OP225DC	O202DC25	OP215DC	Double Ceiling Mount
OP216W	OP225W	O302W25	OP215W	Wall Mount
OP216ST	OP225ST		OP215ST	Single Fastrac™ Mount
OP216DT	OP225DT		OP215DT	Double Fastrac™ Mount

Accessories

00061300PK

Outpatient[®] II Replacement Bulbs, 3/Box

1008465

Outpatient[®] II Handle Replacement

0008100PK

Light Handle Covers, Sterile, 25/Box

*SP Model refers to Spanish Language Manuals.

#8572



Home > Product Catalog > Women's Health > Specula Lighting Systems > Cordless Illumination System



1 image [Enlarge Image](#)

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Cordless Illumination System

Designed with enhanced unique new features, including bright, white light with our new LED light sources.

NEW! Single-use Sheath for KleenSpec Cordless Illumination systems. [Learn more.](#)

Status: Current

- Advanced LED light source provides improved visualization of the exam area by supplying brighter, whiter light
- No cord to get in the way during procedures
- Automatically illuminates upon insertion of the illuminator and once it is removed the light goes off
- Use your Cordless Illumination System as an all purpose light source as well as with the KleenSpec® Disposable Vaginal Speculum

[How To Buy](#)

[Model Configurations](#) | [Accessories](#) | [Sales](#) | [Technical](#)

Cordless Illumination System

Part Number: 79910

Complete KleenSpec® Disposable Vaginal Specula Cordless Illuminator with Charging Station

Part Number: 79920

Complete KleenSpec® Disposable Vaginal Specula Cordless Illuminator with Charging Station and Auxiliary Power Cord

Part Number: 79900

KleenSpec® Disposable Vaginal Specula Cordless Illuminator

Part Number: 73910

Charging Station for Cordless Illuminator

Part Number: 75910

Auxiliary Power Cord Accessory for Cordless Illuminator

Part numbers reflected are for US Domestic use only, and some products are not available outside the U.S. Please contact your local Welch Allyn Representative for more information.

FREE Trial Offer



[Learn more about our new KleenSpec Cordless Illumination System & Disposable Vaginal Specula](#)

THIS PRODUCT IS ON



Our Locations [Domestic & International Offices](#)

Welch Allyn Inc.
Corporate Headquarters
4341 State Street Road
Skaneateles Falls, NY
13153-0220
USA
Tel: 1.800.535.6663
Fax: 1.315.685.3361



Products

Welch Allyn For...

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[Home](#) > [Product Catalog](#) > [Women's Health](#) > [Specula Lighting Systems](#) > [Cordless Illumination System](#)



1 image

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Cordless Illumination System

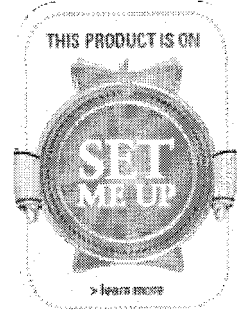
Designed with enhanced unique new features, including bright, white light with our new LED light sources.

NEW! Single-use Sheath for KleenSpec Cordless Illumination systems. [Learn more.](#)

Status: Current

- Advanced LED light source provides improved visualization of the exam area by supplying brighter, whiter light
- No cord to get in the way during procedures
- Automatically illuminates upon insertion of the illuminator and once it is removed the light goes off
- Use your Cordless Illumination System as an all purpose light source as well as with the KleenSpec® Disposable Vaginal Speculum

[How To Buy](#)



Technical Support

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[Frequently Asked Questions](#)

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Our Locations

[Domestic & International Offices](#)

Welch Allyn Inc.
Corporate Headquarters
 4341 State Street Road
 Skaneateles Falls, NY
 13153-0220
 USA
 Tel: 1.800.535.6663
 Fax: 1.315.685.3361

[Model Configurations](#) [Accessories](#) [Sales](#) [Technical](#)

Cordless Illumination System

Part Number : 79910

Complete KleenSpec® Disposable Vaginal Specula Cordless Illuminator with Charging Station

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Complete KleenSpec® Disposable Vaginal Specula Cordless Illuminator with Charging Station and Auxiliary Power Cord

Part Number : 79900

KleenSpec® Disposable Vaginal Specula Cordless Illuminator

Part Number : 73910

Charging Station for Cordless Illuminator

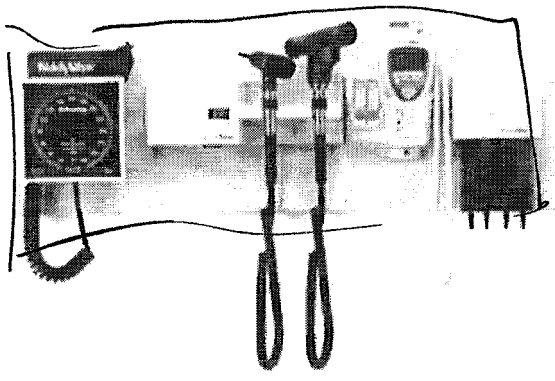
Part Number : 75910

Auxiliary Power Cord Accessory for Cordless Illuminator

Part numbers reflected are for US Domestic use only, and some products are not available outside the U.S. Please contact your local Welch Allyn Representative for more information.

#8782

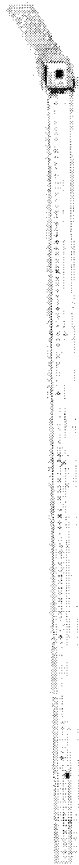
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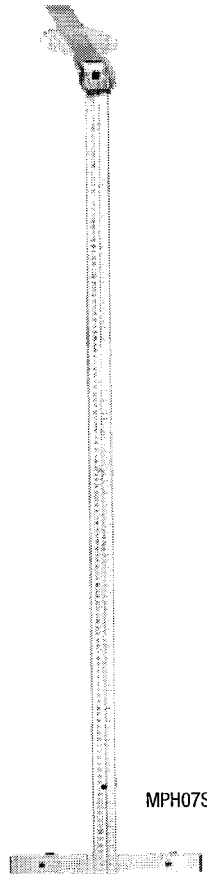
Part Number: 76791-2MPX

767 Wall Transformer with 11820 PanOptic, MacroView Otoscope, 767 Tycos Wall Aneroid, SureTemp Plus Thermometer, KleenSpec Specula Dispenser and Wall Board

8900



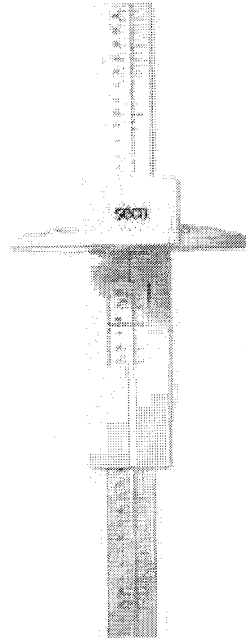
MPH07SH6



MPH07SH2



SCA240



SCA264

Wall Mounting Mechanical Telescoping Measuring Rod

- Limited to essentials and easy to use

ITEM NO.	RANGE: INCH (CM)	GRADUATION: INCH (MM)
MPH07SH6	3-78 (6-200)	1/8 (1)

Wall Mounting Mechanical Telescoping Measuring Rod

- Broad measuring slide
- Heel positioner

ITEM NO.	RANGE: INCH (CM)	GRADUATION: INCH (MM)
MPH07SH2	2-90 (6-230)	1/8 (1)

Wall Mounting Mechanical High-Precision Measuring Rod

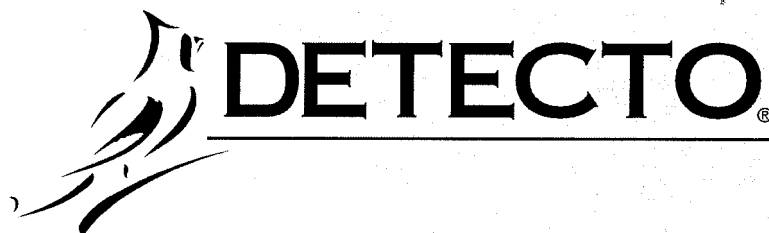
- Large display, head piece and heel positioned ensure exact patient positioning

ITEM NO.	RANGE: INCH (CM)	GRADUATION: INCH (MM)
SCA240	24-82.6 (60-210)	1/8 (1)

Wall Mounting Digital Stadiometer

- Wireless transmission
- Heel positioner
- Fold function
- Auto off

ITEM NO.	RANGE: INCH (CM)	GRADUATION: INCH (MM)
SCA264	7-86 (30-220)	1/8 (1)



8910



Eye-Level Mechanical Physician Scales

Mild Steel with Electrostatic Powder Paint Finish for Optimum Long-Lasting Quality

Now available in 500 lb / 220 kg capacities!

Detecto model 448 featuring a height rod, handpost, and wheels



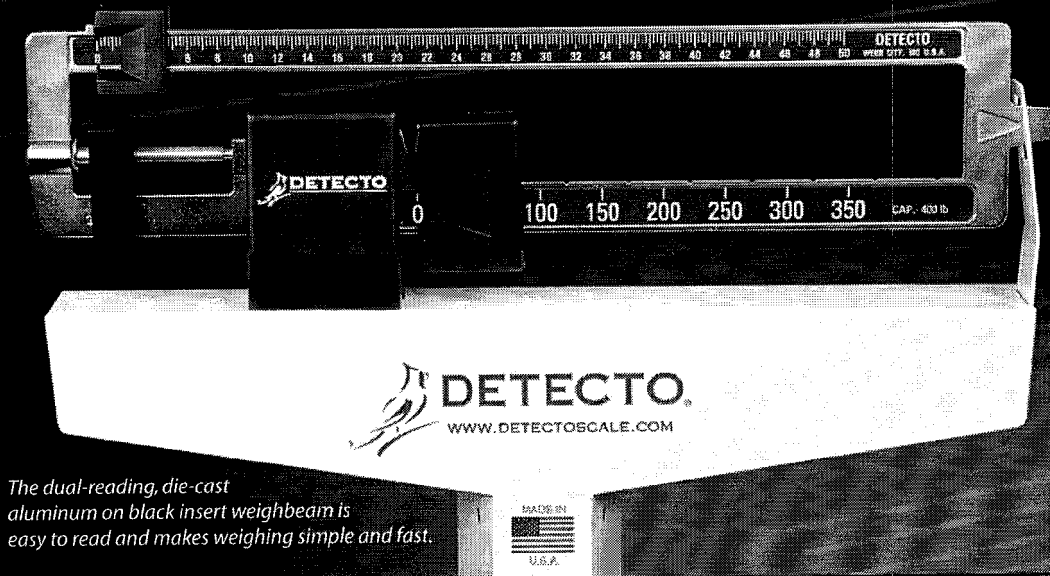
HEAVY-DUTY SOLID, STABLE BASE
for patient assurance while weighing.

WEIGH UP TO 500 LB / 220 KG CAPACITY

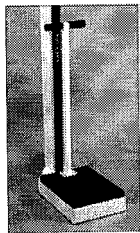
Detecto's innovatively-designed scales feature dual-readings on either side of the weigh beam making weighing simple and fast. Pounds, kilograms, or pounds/kilograms are all available on the aluminum easy-to-read beam. The dual-reading height rod measures in inches or centimeters at a glance, and the platform cover can be easily removed for cleaning.

Specify Detecto

It's the name that means scales in the health care industry.

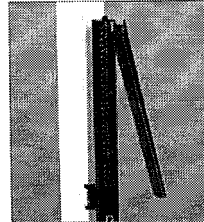


The dual-reading, die-cast aluminum on black insert weighbeam is easy to read and makes weighing simple and fast.



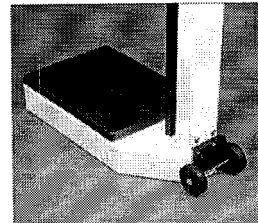
HANDPOST

An important aid for the elderly or weak individual. Models with this feature listed below.



HEIGHT ROD

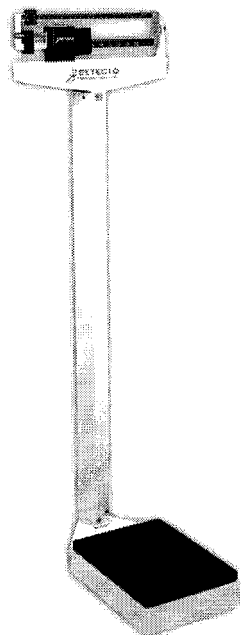
Measured in inches and centimeters: 30 - 78 inches and 76 - 200 centimeters



WHEELS

Two rear wheels allow easy transport. The light weight of the Detecto physician scales combined with optional wheels make transport simple.

Eye-Level Mechanical Physician Scales



MODEL	CAPACITY		HEIGHT ROD 30 - 78 in 76 - 200 cm	WHEELS	HANDPOST	SHIPPING WEIGHT
	Avoirdupois	Metric				
439	400 lb x 4 oz		•			38 lb/17.2 kg
2391		180 kg x 100 g	•			37 lb/16.7 kg
437	400 lb x 4 oz					35 lb/15.8 kg
2371		180 kg x 100 g				35 lb/15.8 kg
438	400 lb x 4 oz		•	•		39 lb/17.6 kg
2381		180 kg x 100 g	•	•		39 lb/17.6 kg
448	400 lb x 4 oz		•	•	•	43 lb/19.5 kg
449	400 lb x 4 oz		•	•	•	43 lb/19.5 kg
2491		180 kg x 100 g	•		•	43 lb/19.5 kg
339	400 lb x 4 oz	175 kg x 100 g	•			35 lb/15.8 kg
337	400 lb x 4 oz	175 kg x 100 g				35 lb/15.8 kg
338	400 lb x 4 oz	175 kg x 100 g	•	•		39 lb/17.6 kg
349	400 lb x 4 oz	175 kg x 100 g	•		•	43 lb/19.5 kg

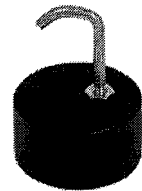
Platform Size: 10.5"W x 14.5"D/27 cm W x 37 cm D

Scale Height: 59"/150 cm

Optional Counterweights for Increased Capacities

- CW-9** Counterweight for use with new 437, 438, 439, 448 and 449 scales (Increases weight range from 400 lb to 500 lb)
- CW-80X** Counterweight for use with new 2371, 2381, 2391 and 2491 scales (Increases weight range from 180 kg to 220 kg)

Cardinal Scale reserves the right to improve, enhance, or modify features and specifications without prior notice.



203 E. Daugherty, Webb City, MO 64870 USA
Ph: 417-673-4631 or 1-800-641-2008 Fax: 417-673-5001
www.Detecto.com

Sold By:

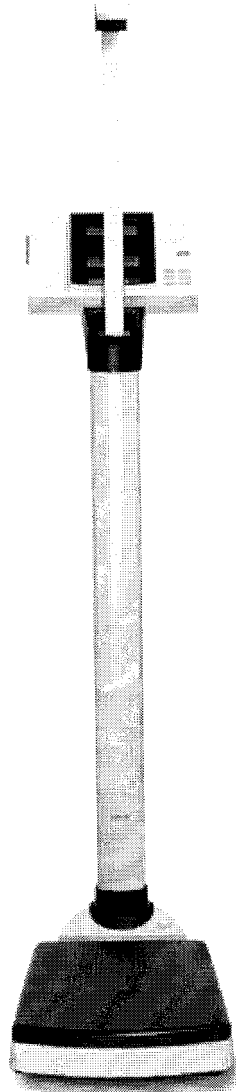


#8911

product sheet (seca 763

seca 763

Digital weighing and
measuring station with
automatic BMI calculation



- Scale with integrated digital measuring rod.
- Determines weight, height and BMI in one single process.
- Large and clear LCD figures for easy-to-read results.
- High capacity of 550 lbs.
- Low-level platform with slip resistant base and anti-tip column design.

seca 763: Innovation for health.

With the seca 763, clinicians can quickly and simply obtain the height and weight ratio that is needed to determine a patient's Body Mass Index (BMI) value. In addition to determining the patient's weight, the scale is equipped with an integrated, digital measuring rod. With these special features, the seca 763 is suitable for users in the demanding general and internal medical sectors, especially those in the diabetology and endocrinology field.



Comfortable determination of all relevant data in just one process.

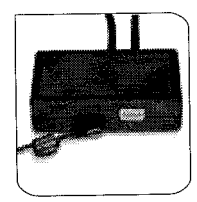
The combination of the digital scale and digital measuring rod makes it possible to determine the nutritional condition in just one time-saving step. At the touch of a button, the seca 763 determines the Body Mass Index (BMI) value on the basis of the height and weight. This value is a reliable indication if a patient is abnormally overweight or underweight. This station is also equipped with TARE and HOLD functions. In addition to these functions, the operation of the scale is easy and intuitively graspable.

High capacity and low-level platform.

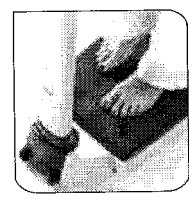
With a capacity of 550 lbs and a robust, cast-iron base, the seca 763 is ideal for weighing heavyweight persons. A further advantage here is that the platform is not only large but also low. The ribbed rubber mat ensures that the patient has a safe footing, as well as a slip resistant base and anti-tip column design. The weight is shown in 0.1 lbs steps so that even the smallest of fluctuations in weight can be determined.

Mobile with transport castors.

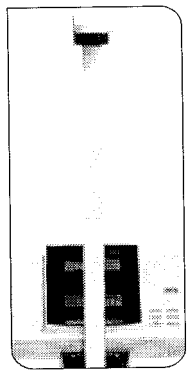
In spite of its sturdy construction, the digital weighing and measuring station is mobile, with its integrated castors making transportation easy. Its adjustable leveling feet ensure that the scale stands securely even if the surface should be uneven.



The seca 460 interface establishes a connection between the scale and PC or printer, making it easy to analyze and record measurements.



The scale's low height, slip resistant base and anti-tip column design makes measuring and weighing a safe procedure.



The headpiece on the height measuring rod is especially large to ensure correct positioning of the head. Precise measurements are guaranteed.

seca 763

Technical data

Column scales:

- Capacity: 550 lbs / 250 kg
- Graduation: 0.1 lbs / 50 g
- Dimensions (WxHxD): 14.2 x 84.6 x 27.2" / 360 x 2,150 x 690 mm
- Platform (WxHxD): 13.2 x 3.1 x 13.6" / 335 x 80 x 345 mm
- Weight: 36.8 lbs / 16.7 kg
- Power supply: power adapter
- Functions: TARE, auto-HOLD, auto-BMI, lbs/kg/sts switch-over, inch/cm switch-over
- Optional: RS232 interface seca 460
- Slip resistant base and anti-tip column design

Integrated measuring rod:

- Measuring range: 43-79" / 110-200 cm
- Graduation: 0.05" / 1 mm

HOME PRODUCTS COMPANY QUESTIONS CONTACT

6702/6702W

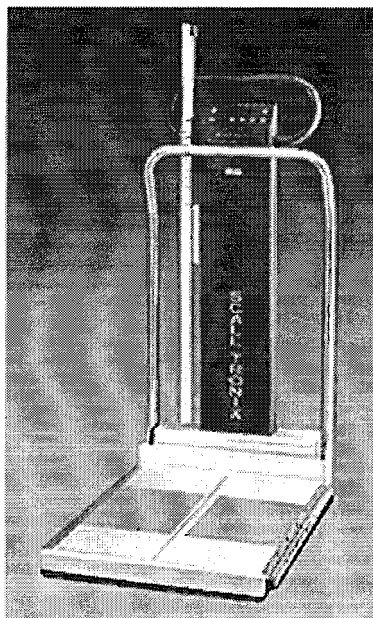
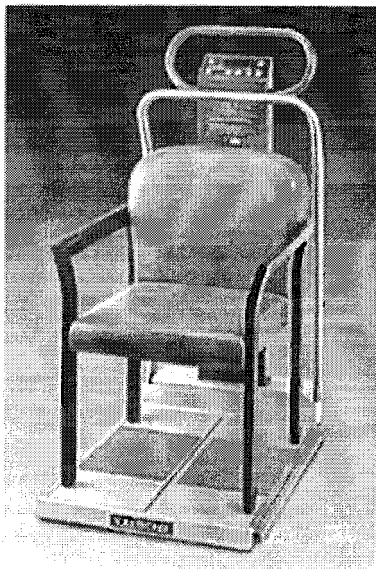
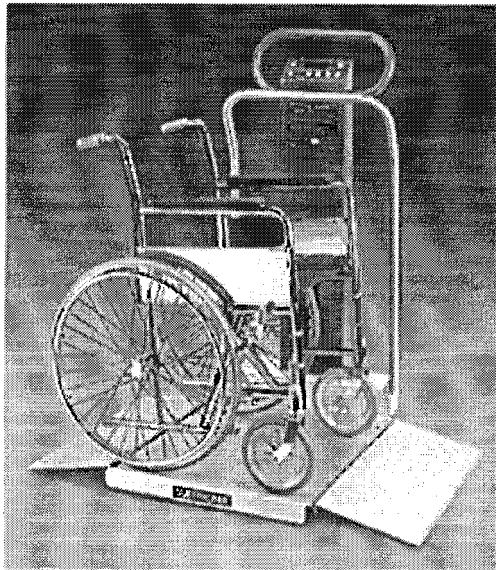
Oversized Wheelchair Scales®

Wheelchair Scales:

#8915

- 6002
- 6102
- 6702
- 6702W
- 6202
- 6772

- Wheelchair, chair and stand-on scales.
- Oversized platforms accommodate electric and extra-large wheelchairs.
- Automatic zero.
- Weight recall.
- Reweigh.
- Cordless.



Shown with optional height gauge and handrail. Wall-mounted height gauge also available.

SPECIFICATIONS
6702/6702W Oversized Wheelchair Scales

Need more info?

Click here to

Platforms:	Low profile, mounted on large heavy-duty rubber wheels.
Model 6702:	28"w X 30"d X 2"h
Model 6702W:	28"w X 32"d X 2"h
Accuracy:	1/10 lb-100 gm.
Weighing Range:	880 lb-400 kg.
Readout:	Digital LED in lb/kg.
Power Source-Cordless:	6 D-size disposable batteries. Line cord available on special order.
Automatic Zero:	Returns to zero, ready for the next patient.
Weight Recall:	Recalls last weight.
Reweigh:	Recomputes weight while patient is on scale.
Audible Signal:	Indicates weight is in memory.
Low Battery Indicator:	Indicates battery needs replacing.
Weighing Mechanism:	Electronic load cells.
Successive Weighing:	Weigh a continuous stream of patients without re-zeroing.
Handrail:	(Accessory) Heavy-duty stainless steel.
Height Gauge:	(Accessory) Stainless steel, in/cm.
Printer:	(Accessory) Built-in, paper-tape, uses standard thermal paper.
Computer Capability:	RS-232 output (optional).

request a brochure, demo, prices or to have a Scale-Tronix representative contact you.

**Or call:
1 800 873
2001**

Our new oversized wheelchair scales incorporate all of the new features of our standard model including automatic zero, weight recall, reweigh and cordless operation. The digital readout electronically displays weight in pounds and kilos.

The oversized platforms are designed to weigh patients in electric and oversized wheelchairs. The platform height is still a mere 2" providing high stability and easy wheelchair access. With its access ramps folded up, the 6702 may also be used as a stand-on or chair scale.

Model 6702SP is available with a 35"W X 30"D X 2"H platform.

We're



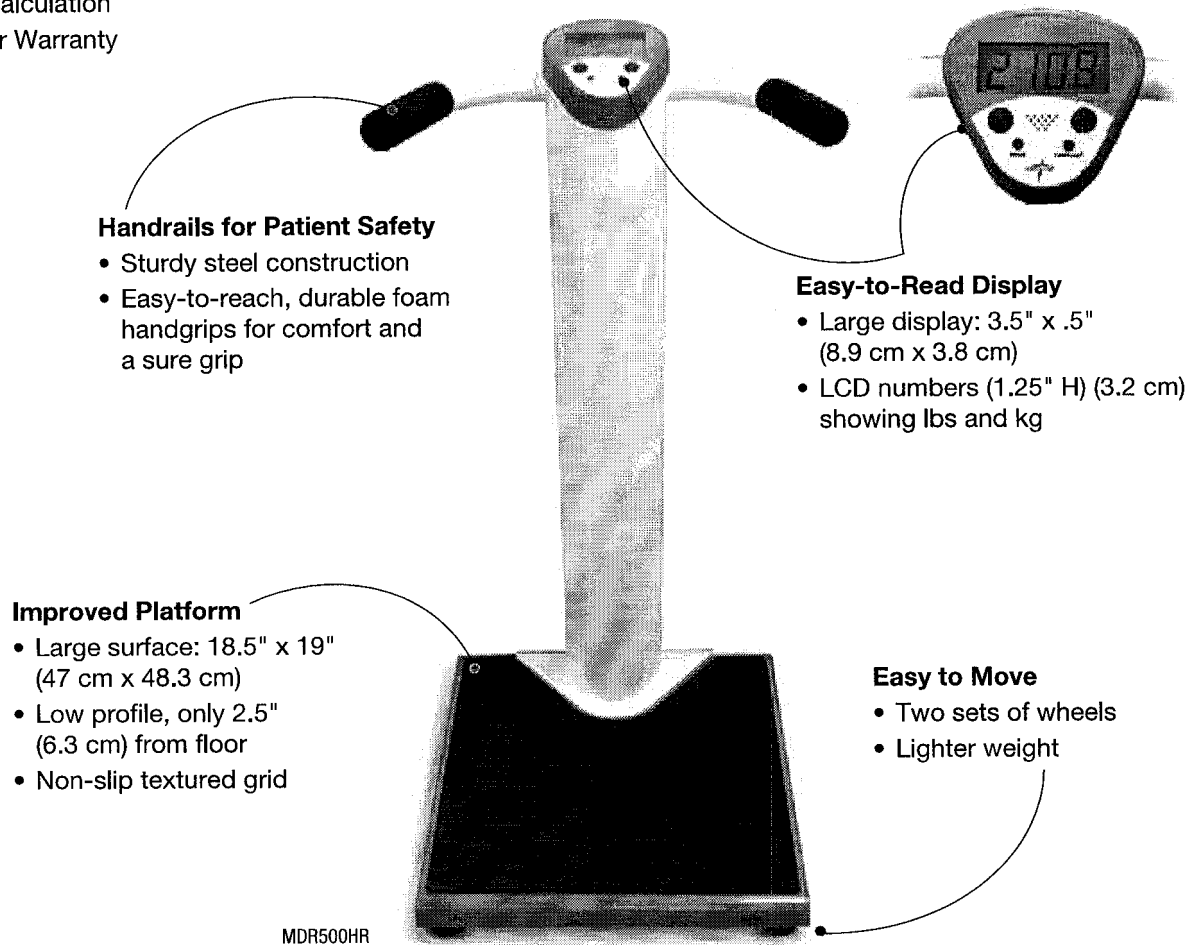
and



Scales

Digital Handrail Scale

- Medline's Digital Handrail Scale offers the utmost in patient safety and accuracy, with a surprisingly compact design
- An elegant alternative to bulky traditional handrail scales, Medline's Digital Handrail Scale has advanced features that make the clinician's job easier
- Auto-on function for exceptional ease of use
- Helpful verbal instructions in English and Spanish
- BMI calculation
- 1-year Warranty



Handrails for Patient Safety

- Sturdy steel construction
- Easy-to-reach, durable foam handgrips for comfort and a sure grip

Easy-to-Read Display

- Large display: 3.5" x .5" (8.9 cm x 3.8 cm)
- LCD numbers (1.25" H) (3.2 cm) showing lbs and kg

Improved Platform

- Large surface: 18.5" x 19" (47 cm x 48.3 cm)
- Low profile, only 2.5" (6.3 cm) from floor
- Non-slip textured grid

Easy to Move

- Two sets of wheels
- Lighter weight

MDR500HR

ITEM NO.
MDR500HR

DESCRIPTION
Digital Handrail Scale
Power source requires 4 AA batteries
(not included)

WEIGHT CAPACITY
LB (KG)
500 (226)

Scales



Physician Scales Digital Physician Scales

- Efficiently designed in eye-, waist- and floor-level configurations
- Lightweight and easy to move with two heavy-duty rear wheels
- Height measuring rod measures 35" - 82" x 0.13" (90 cm - 209 cm x 1 mm)
- Weight capacity: 550 lbs (250 kg)
- Graduation: 0.2 lb (0.1 kg)
- Power supply: 120v AC power adaptor and internal rechargeable battery (battery use 75 hours)
- Unit of measure: lbs only, kg only, lbs/kg
- Functions: BMI (body mass index), hold, reweigh, low battery auto shut-off
- 2-year warranty



Two heavy-duty rear casters for easy mobility

ITEM NO.	DESCRIPTION	PLATFORM DIMENSIONS: INCH (CM)
MDR100124	Digital Eye-Level Scale	14.5 x 14 (37 x 36)
MDR100189	Waist-Level Physician Scale	14.5 x 14 (37 x 36)
MDR100185	Floor-Level Physician Scale	14.5 x 14 (37 x 36)

OPTIONS/ACCESSORIES

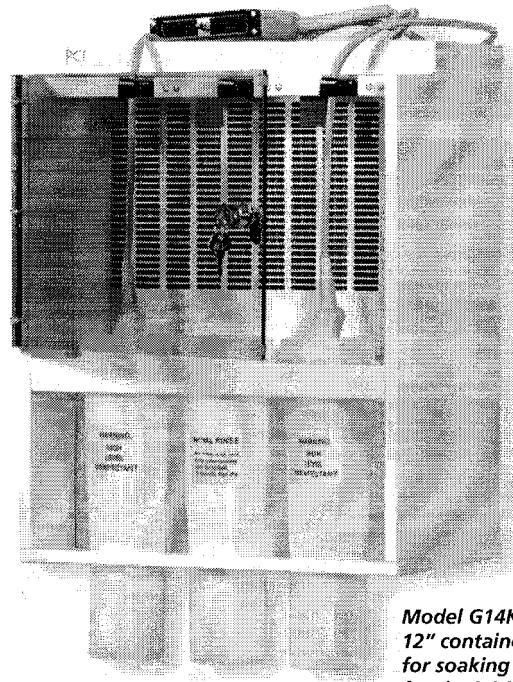
MDR100719	RS-232 cable, 4 ft (1.23 m) cable DB9 female to RJ-45
MDR72704	USB to serial convertor
MDR107445	Transport/carrying case for floor-level scale

#9226

GUS® Disinfection Soak Stations For Vaginal and Rectal Ultrasound Probes

FEATURES:

- Eliminates fumes and protects staff
- Meets OSHA and JCAHO requirements
- Protects delicate probes by suspending them with a grip clip over the soak container
- Safety door allows placement in patient area
- Uses 75% less disinfectant
- Used in over 6,000 hospitals and offices



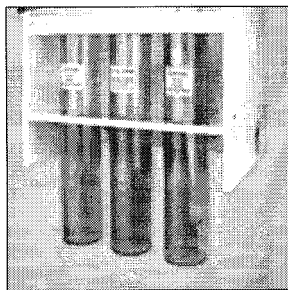
Model G14KA: Three 12" containers, two for soaking and one for the initial rinse

* SPECIFICATIONS:

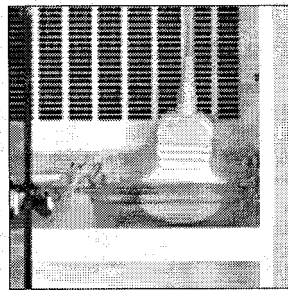
Model	G10VP	G14KA
Number of probes soaked	1	2
Face Velocity FPM	50	50
Electrical (115V 50/60Hz)	.5A	.5A
Width	10"*	14"*
Depth	10"	10"
Height	22.25"	22.25"
Weight (lbs)	24	28

*Allow 2" extra on left side for access to power switch
UL and CE approved. 115/230 V models available.

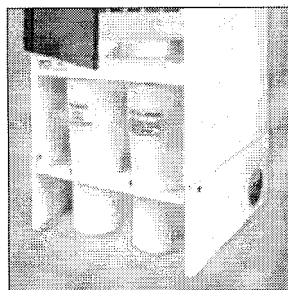
OPTIONS:



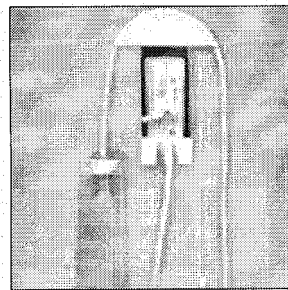
Longer Containers



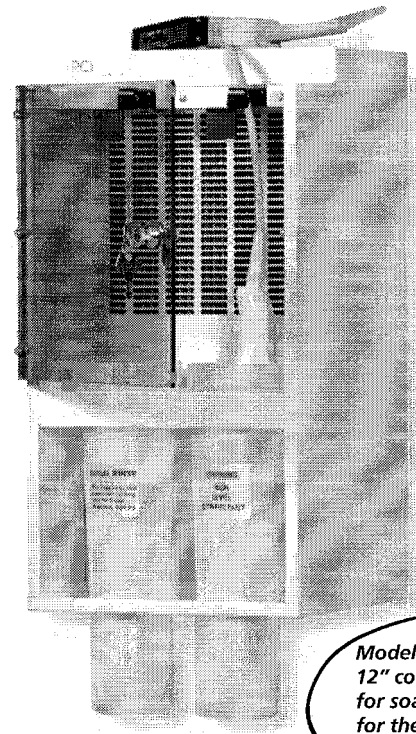
Abdominal Probe Trays



Counter-Top Stand



Probe Storage System



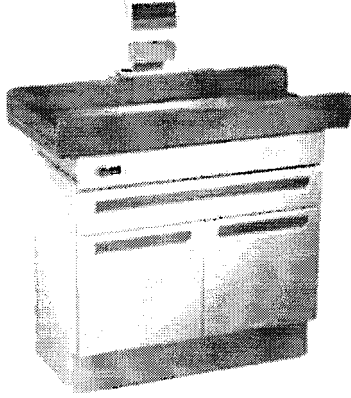
Model G10VP: Two 12" containers, one for soaking and one for the initial rinse



PCI Medical Inc. | 6 Winter Ave | Deep River, CT 06417
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#9309

Midmark 640 Pediatric Examination Table



Specifications

Working height: 36" (91.4 cm)
Table top length: 42" (106.7 cm)
Table top width: 20.75" (52.7 cm)

Paper roll holder:

Upper portion of table accommodates one 14" x 3" (35.6 x 7.6 cm) diameter

Drawers:

One large drawer: 33" x 15" x 4.125" (83.8 x 38.1 x 10.5 cm)

Drawer is constructed of high impact polystyrene with rounded corners for easy cleaning and is supported by side-mounted ball bearing steel slides.

Bulk storage: 33.5" x 17" x 18.38" (85 x 43.2 x 46.7 cm)

Options

Door/drawer locks

Models

640-XXX Pediatric

Examination Table with digital scale (1 oz.– 40 lbs. (170 grams – 20 kilograms) range in one ounce increments; measures given in both Imperial or Metric.

Built-in Scale

The built-in scale is easy to use. Simply turn it on, wait a second for it to calibrate, and it's ready to weigh. What could be easier? The unit comes with an AC adapter, or, if you prefer, it can be battery-operated. The unit even turns itself off, automatically.

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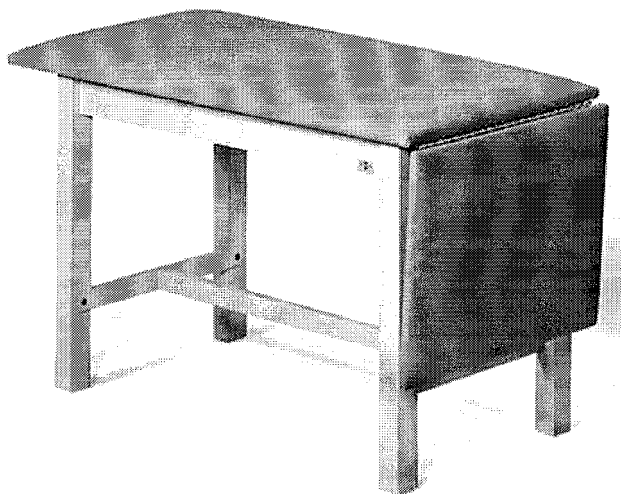
 Search

Model 4102



- Hausmann Space-Saver Tables meet your needs for a full size table in a compact space. When closed, tables are only 52" long. When open, they extend to a conventional 72".
- Full width 20" long foot end folds down to reduce table length to 52".
- Positive action locking device allows the foot end to be easily elevated into three positions: 55°, 75° and 90°.
- High pressure laminate legs, apron and stretchers with H-Brace.
- 2" High-Density urethane foam top.
- Resist-All™ vinyl upholstery finish.

MODEL #	LENGTH	WIDTH	HEIGHT
4102	52" - 72"	24"	31"



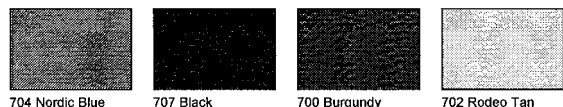
Options

- 04* – Table Safety Strap
 - 05* – Headrest, adj.
 - 06* – Backrest, adj., 350 lbs. weight cap
 - 07* – Nose Cutout
 - 09* – Armboard, adj
 - 16* – Stirrups, adj
 - 23 – Paper Dispenser
 - 25 – Paper Cutter
 - 27 – Paper Dispenser & Cutter Combo
 - 32 – Pillow, full size
 - 35 – Pillow, small
 - 99L* – Left Hand Table Model
- *Factory Installed

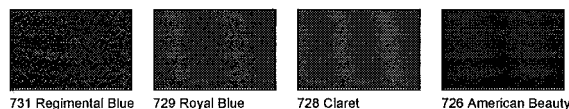
Colors:

Upholstery:

Comfort PLUS™ Vinyls - a softer feel for patient comfort in general practice use



Pro-FORM™ Vinyls offer firmer feel for high-volume therapy and sports practices. CAL133 - Boston Fire Rated tops are available at an up charge in Pro-FORM™ vinyl only. Specify "BF" when ordering.



Laminate:

Durable · Scratch & Dent Resistant · Easy to disinfect



Color accuracy may vary according to your monitor's settings. Color samples may be obtained via Customer Service.

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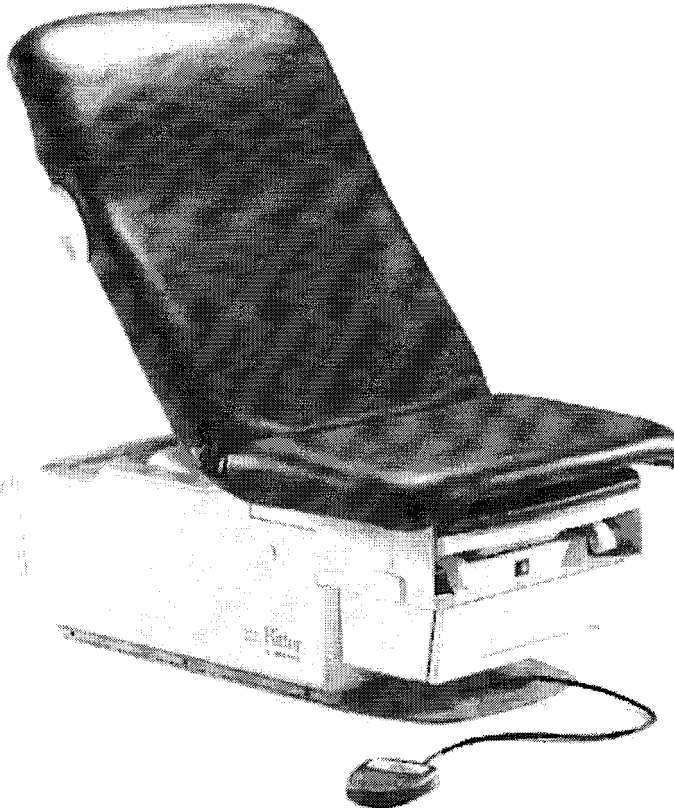


#9312

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Ritter 222 Barrier-Free Power Examination Table



Specifications

Length with footrest extended
Height: Minimum 18" (45.7 cm)
Maximum 37" (94.0 cm)

Patient weight capacity 400 lb
Paper roll holder (hidden): 11" x 14" (27.9 x 35.4 cm)
Electrical receptacle (115 V, hospital grade, electrical receptacle)
Stirrups are standard

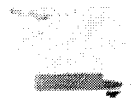
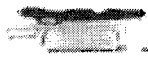
Options

Seamless upholstery top: 28" x 48" (71.1 x 121.9 cm)
Pelvic tilt (5 degrees)
Drawer heater (35 watt)

Electrical - Ritter 222

115 VAC, 50/60 Hz, 10.5 Amp
115 VAC, 50/60 Hz, 11 Amp (UL 016)
UL 60601-1 and CAN/CSA (UL 016)
230 VAC, 50/60 Hz, 2.75 Amp (UL 016)

Click images below for alternate views



MANUAL BACK



#9313

(U.S.) + TREATMENT

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Midmark > Medical Products > Power Examination Tables > Ritter 223 Barrier-Free Power Examination Table

Ritter 223 Barrier-Free Power Examination Table

Specifications

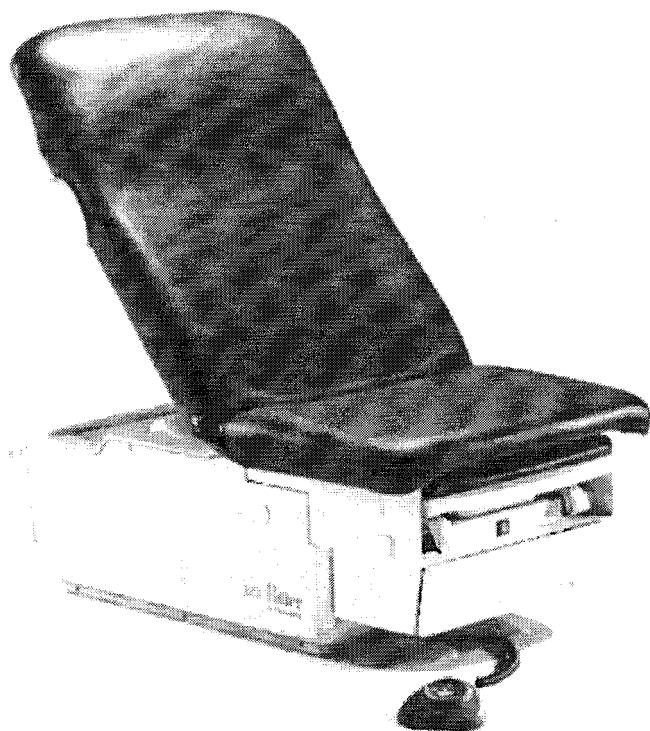
Length with footrest extended
 Height: Minimum 18" (45.7 cm)
 Maximum 37" (94.0 cm)
 Patient weight capacity 400 lb
 Paper roll holder (hidden): 11" x 14" (27.9 x 35.4 cm)
 Electrical receptacle: (115 V hospital grade, electrical receptacle)
 Stirrups are standard

Options

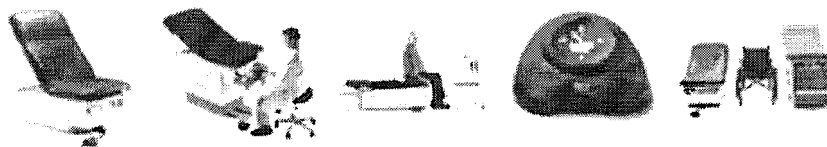
Seamless upholstery top: 28" x 48" (71.1 x 121.9 cm)
 Pelvic tilt (5 degrees)
 Drawer heater (35 watt)

Electrical - Ritter 223

115 VAC, 50/60 Hz, 12 Amp
 115 VAC, 50/60 Hz, 12.5 Amp
 -016)
 UL 60601-1 and CAN/CSA C22.2



Click images below for alternate views



Power

9650



Front-Loading Automatic Washer

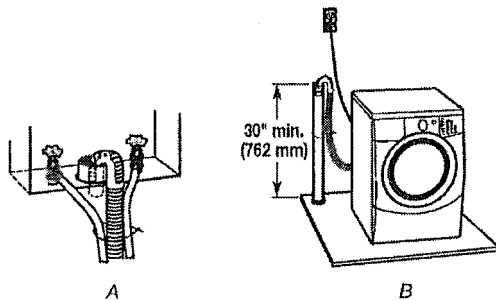
PRODUCT MODEL NUMBERS

WF9050X

Electrical: A 120 volt, 60 Hz., AC only, 15- or 20-amp, fused electrical supply is required. A time-delay fuse or circuit breaker is recommended. It is recommended that a separate circuit serving only this appliance be provided.

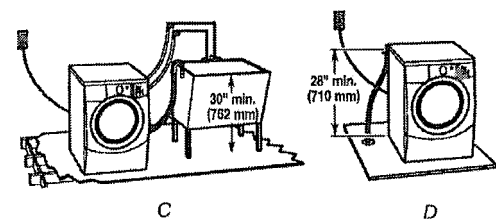
Drain System Options

Standpipe drain system - wall or floor (views A & B)
The standpipe drain requires a minimum diameter standpipe of 2" (50 mm). The minimum carry-away capacity can be no less than 17 gal. (64 L) per minute. The top of the standpipe must be at least 30" (762 mm) high and no higher than 96" (2.4 m) from the bottom of the washer.



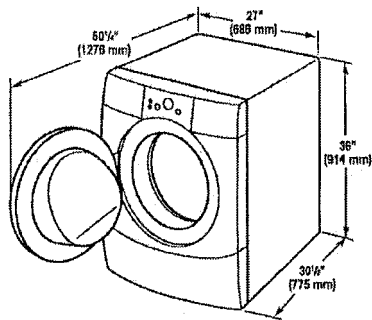
Laundry tub drain system (view C)
The laundry tub needs a minimum 20 gal. (76 L) capacity. The top of the laundry tub must be at least 30" (762 mm) above the floor.

Floor drain system (view D)
The floor drain system requires a siphon break that may be purchased separately. See "Tools and Parts." The siphon break must be a minimum of 28" (710 mm) from the bottom of the washer. Additional hoses might be needed.

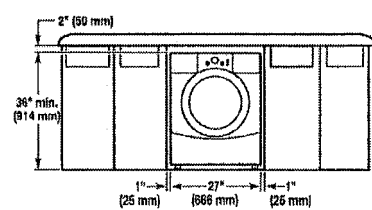


OVERALL DIMENSIONS

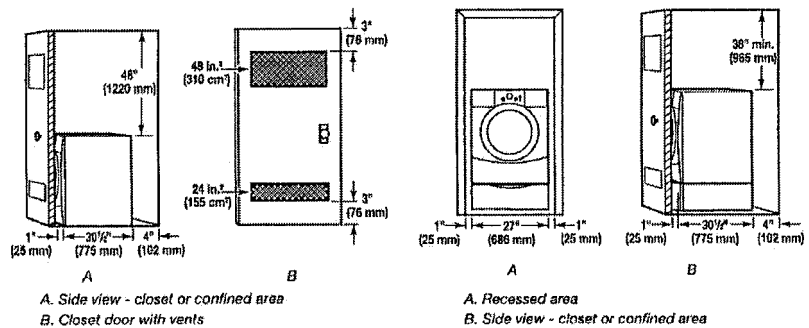
Washer dimensions



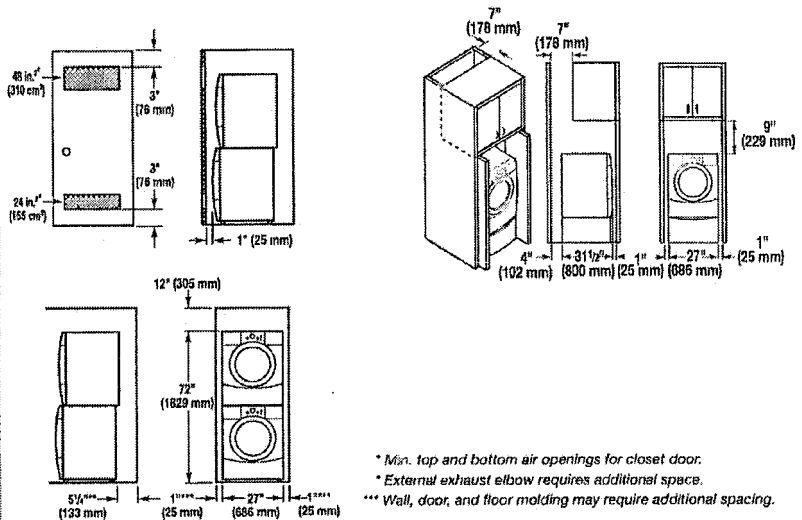
Custom undercounter installation-washer only



For closet installation, with a door, the minimum ventilation openings in the top and bottom of the door are required. Louvered doors with equivalent air ventilation openings are acceptable.



For cabinet installation, with a door, the minimum ventilation openings in the top are required.



* Min. top and bottom air openings for closet door.
* External exhaust elbow requires additional space.
*** Wall, door, and floor molding may require additional spacing.

9651



Electric Dryer

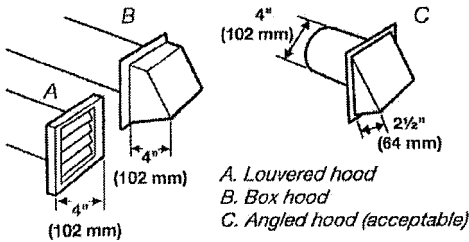
PRODUCT MODEL NUMBERS

WED9150W, WED9250W,
WED9050X, WED9270X

Electrical: This dryer requires a 3 or 4 wire, single phase, 120/240 volt, 60 Hz, AC only electrical supply (or 3 or 4 wire, 120/208 volt electrical supply, if specified on the serial/rating plate) on a separate 30-amp circuit, fused on both sides of the line. Connect to an individual or branching circuit. Do not have a fuse in the neutral or grounding circuit.

Exhaust venting: Exhaust your dryer to the outside. 4" (102 mm) diameter vent is required. Rigid or flexible metal exhaust vent must be used. Do not use plastic or metal foil vent. Exhaust hood must be at least 12" (305 mm) from the ground or any object that may be in the path of the exhaust.

Hood styles: A & B are recommended.



The Vent system chart provides venting requirements that will help achieve best drying performance.

NOTE: Side and bottom exhaust installation have a 90° turn inside the dryer. To determine maximum exhaust length, add one 90° turn to the chart.

Number of 90° elbows	Type of vent	Box/louvered hoods	Angled hoods
0	Rigid metal	64 ft. (20 m)	58 ft. (17.7 m)
1	Rigid metal	54 ft. (16.5 m)	48 ft. (14.6 m)
2	Rigid metal	44 ft. (13.4 m)	38 ft. (11.6 m)
3	Rigid metal	35 ft. (10.7 m)	29 ft. (8.8 m)
4	Rigid metal	27 ft. (8.2 m)	21 ft. (6.4 m)

Do not use vent runs longer than specified in vent length chart.

Determine the number of elbows you will need.

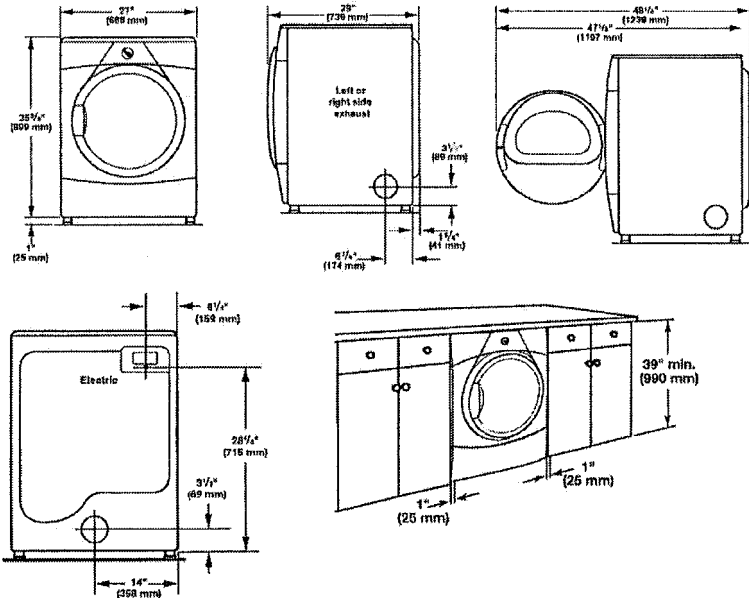
Select the route that will provide the straightest and most direct path outdoors.

Plan the installation to use the fewest number of elbows and turns.

Use the fewest 90° turns possible.

OVERALL DIMENSIONS

Dryer dimensions



Minimum Required Spacing

