GE EQUIPMENT LISTING

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

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

EQUIPMENT CROSS REFERENCE CHART
SEISMIC STATUS: P = PREAPPROVAL; C = CALCULATIONS/ PENDING APPROVAL; S = SPECIFICATIONS ONLY

QUANTITY ORDERED | REFER TO SHEET "D"

ITEM NO.	QUANTITY ORDERED	ITEM DESCRIPTION (* = EXISTING/REINSTALL)	WEIGHT	HEAT OUTPUT (PER HOUR)	DETAIL NO.	STRC PLAN	ELEC PLAN	SEISMIC STATUS
1	1	CABLE DRAPE RAIL.	180 lbs			820 079		-
2	1	XT RADIOGRAPHIC SUSPENSION WITH INBOARD MOUNTING.	784 lbs	832 btu	382048	820 041	XTS1	C
3	2	LONGITUDINAL STATIONARY RAIL FOR XT SUSPENSION	68 lbs			820 041		C
4	1	TRAD DIGITAL ELEVATING TABLE	992 lbs	426 btu	305570	-	RT	S
5	1	TRAD DETECTOR SUPPORT				-		-
6	1	SYSTEMS CABINET	679 lbs	2436 btu	305508	-	SKL	S
7	1	LONGITUDINAL DRIVE BELT 1 IN. WIDE	44 lbs			-		-
8	2	ANCHOR RAILS				-		-
9	1	OPERATORS CONSOLE	99 lbs	1716 btu	365640 365648 365640 365640 CG10CA	-	WBC1	-
10	1	GRID HOLDER (FIELD VERIFY IDEAL LOCATION)	30 lbs		305570	805 570		S
11	1	DETECTOR SUPPORT ASSEMBLY	85 lbs	2047 btu	305570	-	DSA	-
12	1	DIGITAL CHEST UNIT	595 lbs	378 btu	305570	-	VLS	C

HEAT OUTPUTS BY COMPONENT

REV. DATE: 08/29/10

Wall Stand / Extended Wall Stand	85 btu
Fixed Table	317 btu
TRAD Table	399 btu
OTS & Collimator	491 btu
System Cabinet	4869 btu
Tomo PC Tower	1710 btu
Non-Tomo PC Tower	980 btu
LCD Monitor	3 btu
Tube	341 btu
Fixed Detector	293 btu
TRAD Detector	27 btu
DSA / Chiller	2047 btu
Total: WS, Fixed Table, Tomo PC	10455 btu
Total: WS, Fixed Table, Non-Tomo PC	9725 btu
Total: WS, Fixed & TRAD Table, Tomo PC	10483 btu
Total: WS, Fixed & TRAD Table, Non-Tomo PC	9753 btu
Total: WS, TRAD Table, Tomo PC	10271 btu
Total: WS, TRAD Table, Non-Tomo PC	9541 btu
Total: WS only, Tomo PC	9845 btu
Total: WS only, Non-Tomo PC	9115 btu
Total: Fixed Table only, Tomo PC	10077 btu

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

SCALE: 1/4" = 1'-0" EQUIPMENT LAYOUT RECOMMENDED CEILING HEIGHT = 9'-6"

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

JEDI 80kw SYSTEMS CABINET REV. DATE: 05/11/10

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) PEAK MOMENTARY	CONTINUOUS	MINIMUM STANDARD OVERCURRENT PROTECTION
380	342-418	190	7	95-A
400	360-440	181	9.5	90-A
415	373-459	172	8.3	85-A
440	396-484	164	8	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 MA 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 UNBALANCE VOLTAGE DEGRADES PERFORMANCE. 2.5 PERCENT OF RATED VOLTAGE. MAXIMUM ALLOWABLE VARIATION OF 5 CYCLES AND FREQUENCY OF 10 TIMES PER HOUR.

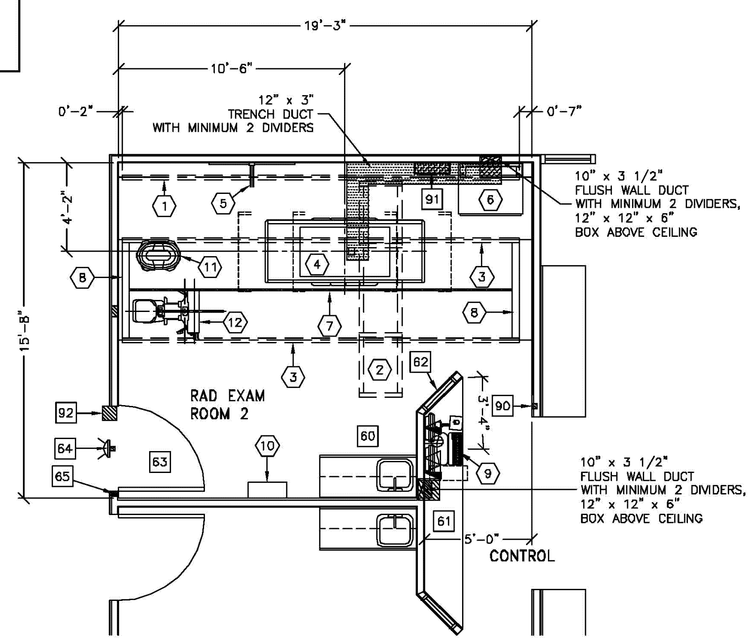
POWER DEMAND: CONTINUOUS POWER DEMAND =4.6 KVA. (MAX DEMAND = 125 KVA)

TABLE B MAXIMUM MOMENTARY POWER DEMAND.

DEMAND	PRECISION 80 KW
kVa * POWER FACTOR AT	125 0.75
mA	630
kVp	80

* DEMAND INCLUDES POWER FOR ENTIRE SYSTEM. WITH SUBTRANSMISSION AT MAXIMUM SUPPORT, DEMAND MUST BE LESS THAN OR EQUAL TO 8 PERCENT.

DISTRIBUTION TRANSFORMER: FOR A SINGLE UNIT INSTALLATION, THE MINIMUM TRANSFORMER SIZE IS 150 KVA.



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

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

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

REV DATE: 02/27/09

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

NOTE: SEE EQUIPMENT LIST FOR CALL OUTS

ADDITIONAL CONDUITS

ROUTING OF SYSTEM CABLES MAY OR MAY NOT REQUIRE THE CONDUITS LISTED BELOW

SKL	TO	XTS1	ONE 2 1/2" CND. & ONE 3 1/2" CND. & ONE 2" CND.
SKL	TO	RT	ONE 2 1/2" CND. & ONE 2" CND.
SKL	TO	WLS/DSA	ONE 2 1/2" CND. & ONE 1 1/2" CND.
SKL	TO	WBC1	ONE 2 1/2" CND. & ONE 1" CND.

CAUTION:
SEE PRE-INSTALLATION MANUAL #5308113-1EN FOR REQUIRED CLEARANCE AREA OF THE OTS LONGITUDINAL DRIVE BELT ASSEMBLY.

THE FOLLOWING TOMO & IMAGE PASTING APPLICATIONS ARE POSSIBLE WITH THE LAYOUT AS SHOWN IN THESE DRAWINGS
NOTE: NOT ALL TOMO/IMAGE PASTING OPTIONS MAY BE INCLUDED IN YOUR EQUIPMENT ORDER. PLEASE CONSULT YOUR EQUIPMENT ORDER OR QUOTE FOR VALIDATION.

	YES	NO
WALLSTAND TOMO AND/OR WALLSTAND IMAGE PASTE	✓	
TABLE TOMO (NOT AVAILABLE W/ TRAD ONLY TABLE) AND/OR TABLE IMAGE PASTE	✓	
WALLSTAND CROSS-TABLE TOMO	✓	
EXTENDED WALLSTAND TOMO		✓

DUCT HATCHING LEGEND

- ABOVE CEILING DUCT
- UNDER FLOOR DUCT
- TRENCH DUCT (FLUSH FLOOR)
- SURFACE FLOOR DUCT
- CABLE TRAY
- ABOVE CEILING CONDUIT
- BELOW FLOOR CONDUIT

ELECTRICAL OUTLET LEGEND

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

- DUPLEX HOSPITAL GRADE, DEDICATED OUTLET 120-V, SINGLE PHASE POWER
- DEDICATED TELEPHONE LINE(S) (SEE ELECTRICAL DETAIL ELEC-1 OR ELEC-67)
- NETWORK OUTLET (SEE ELECTRICAL DETAILS ELEC-83 AND ELEC-84 OR ELEC-87)

Drawn by: MELISSA LYTLE Octel no.: 5603744
GE Installation
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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 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 36 IN. W x 66.9 IN. H [914mm x 1778mm], CONTINGENT ON A 96 IN. [2438mm] CORRIDOR WIDTH NOTE: IMAGE PASTE OPTION REQUIRES A 42 IN. W x 80.9 IN. H [1020mm x 2050mm] DOOR OPENING FOR ACCESS
64	X-RAY ON WARNING LIGHT - AVAILABLE FROM GE SUPPLY CALL: 800-200-9760 GE CAT. NO. WX(A3W-OF-X1U
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	EMERGENCY OFF SWITCH (NEEDED ONLY IF REQUIRED BY STATE/LOCAL CODES)
91	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)
92	X-RAY ROOM WARNING LIGHT CONTROL PANEL REFERENCE JUNCTION POINT 'XRLC' ON SHEET 'E1' FOR DETAILED DESCRIPTION -E4502RL FOR WARNING LIGHT CONTROL ONLY.

GENERAL SPECIFICATIONS

- THE REQUIRED CEILING HEIGHT INDICATED ON THESE PLANS IS TO ENSURE EQUIPMENT FUNCTION IS NOT INHIBITED. CONSULT WITH YOUR LOCAL GEHC INSTALLATION SPECIALIST REGARDING ACCEPTABILITY OF OTHER CEILING HEIGHTS.
- CHECK ALL DOOR OPENINGS AND HALLWAYS FROM DELIVERY LOCATION TO WHERE EQUIPMENT IS TO BE INSTALLED TO ENSURE THE ROUTE PHYSICALLY AND STRUCTURALLY WILL ACCOMODATE 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 INSTALLATION. GEHC RESERVES THE RIGHT TO MAKE ON THE JOB CHANGES BECAUSE OF CUSTOMER REQUIREMENTS AND/OR OBSTACLES IN CONSTRUCTION, ETC..
- ALL WORK TO BE IN COMPLIANCE WITH NATIONAL AND LOCAL BUILDING SAFETY CODES.
- DIMENSIONS ARE TO FINISHED SURFACES OF ROOM

SITE ENVIRONMENT SPECIFICATIONS

- AMBIENT OPERATING TEMPERATURE: 59 TO 85 DEGREES (F), MAXIMUM ALLOWABLE TEMPERATURE CHANGE OF 10 DEGREES (C)/HOUR.
- HUMIDITY: REFER TO PREINSTALLATION MANUAL FOR THE EQUIPMENT ILLUSTRATED ON THIS DRAWING.
- REFER TO PREINSTALLATION MANUAL FOR THE EQUIPMENT ILLUSTRATED ON THIS DRAWING
- 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.

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

This drawing is based on Sketch No.: 10MNO38 internal medicine

PIM R4

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SHEET TITLE: EQUIPMENT LAYOUT
MODALITY TYPE: DISCOVERY XR650

THIS PLAN IS SUBMITTED TO SUGGEST LOCATION OF GE HEALTHCARE EQUIPMENT AND ROOM DIMENSIONS. ALL DIMENSIONS SHOULD BE VERIFIED BY THE CUSTOMER IN PREPARING THIS PLAN. EVERY EFFORT HAS BEEN MADE TO CONFORM DETAILS TO ACTUAL EQUIPMENT PROCESSES. TO BE INSTALLED. IT IS NOT TO BE USED FOR ACTUAL CONSTRUCTION PURPOSES. GE HEALTHCARE, ITS AGENTS OR REPRESENTATIVES ASSUME NO RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

PROJECT TITLE: ROOM NO. 2 OCHSNER INTERNAL MEDICINE NEW ORLEANS, LOUISIANA

PROJECT	REVISION
102668	00

DATE: 09-16-10
DRAWN BY: MKL
CHECKED BY: REK

REVISION HISTORY:

SHEET
A1

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WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS; CONTRACTORS SHALL VERIFY, AND BE RESPONSIBLE FOR, ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

OCHSNER NORTH CAMPUS - INTERNAL MEDICINE RELOCATION

OCHSNER MEDICAL CENTER

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Date:	18 OCTOBER 2010
Revision:	def.
Revision:	def.

DARREN M. ROZAS 4184 STATE OF LOUISIANA REGISTERED ARCHITECT

MARK J. RIPPLE REG. NO. 3464 STATE OF LOUISIANA REGISTERED ARCHITECT

VENDOR EQUIPMENT - RAD ROOM 2 - EQUIPMENT LAYOUT

	EDR No. 09023
	RWA No. 09024
drawn:	Author
checked:	
approved:	
sheet:	

V2.2

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