

SHEET 1 OF 4

PRELIMINARY PLANNING ONLY

PROJECT TITLE: Room - X-Ray #1
VA Central Western Mass
Discovery XR656 Plus Rad Room
Leeds, MA
SCHEME NO.: 15nee044 DRAWN BY: PP DATE: Apr.30.2015

THIS LAYOUT **MUST** BE APPROVED BEFORE
FINAL DRAWINGS CAN BE STARTED. THANK YOU

CUSTOMER _____ DATE: _____
GE INSTALL
SPECIALIST _____ DATE: _____

















GE Healthcare

Modality Installation Planning

Wiennein

GE EQUIPMENT LISTING

EQUIPMENT QUOTED FROM GE MEDICAL SYSTEMS
 PER QUOTE NO. xxxx DATED xxxx
 INSTALLED BY GEMS

ITEM NO. 	QUANTITY ORDERED		WEIGHT	HEAT OUTPUT
	ITEM DESCRIPTION (* = EXISTING/REINSTALL)			
 1	1	SYSTEM CABINET	679 lbs	2440 btu
 2	1	GRID HOLDER (FIELD VERIFY IDEAL LOCATION)	30 lbs	
 3	1	CABLE DRAPE RAIL.	180 lbs	
 4	1	XT RADIOGRAPHIC SUSPENSION WITH INBOARD MOUNTING.	784 lbs	102 btu
 5	2	LONGITUDINAL STATIONARY RAIL FOR XT SUSPENSION	68 lbs	
 6	1	TETHER INTERFACE BOX	15 lbs	10 btu
 7	1	DONGLE	4 lbs	
 8	1	XR 656 DIGITAL ELEVATING TABLE	992 lbs	372 btu
 9	1	LONGITUDINAL DRIVE BELT 1 IN. WIDE	44 lbs	
 10	2	ANCHOR RAILS		
 11	1	OPERATORS CONSOLE	79 lbs	604 btu
 12	1	DIGITAL CHEST UNIT	595 lbs	136 btu
 13	1	IMAGE PASTING BARRIER	200 lbs	

ANCILLARY ITEMS

CUSTOMER/CONTRACTOR SUPPLIED AND INSTALLED ITEMS

ITEM NO. <input type="checkbox"/>	ITEM DESCRIPTION (* INDICATES EXISTING)
60	COUNTER TOP WITH 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 TO 8' -4" WITH LEAD GLASS VIEWING WINDOW.
63	MINIMUM DOOR OPENING FOR EQUIPMENT DELIVERY IS 36 IN. W x 66.9 IN. H [914mm x 1700mm], CONTINGENT ON A 96 IN. [2438mm] CORRIDOR WIDTH NOTE: IMAGE PASTE OPTION REQUIRES A 80.9 IN H [2050mm] HIGH OPENING FOR ACCESS.
64	X-RAY ON WARNING LIGHT - AVAILABLE FROM GE SUPPLY CALL: 800-200-9760 GE CAT. NO. WXIABWW-OF-XIU
65	DOOR LIMIT SWITCH <NEEDED ONLY IF REQUIRED BY STATE/LOCAL CODES>
THE FOLLOWING ITEMS ARE AVAILABLE FROM THE GE MEDICAL SYSTEMS SERVICE DEPARTMENT. CONTACT YOUR LOCAL GE MEDICAL SYSTEMS SERVICE REPRESENTATIVE FOR PRICING AND AVAILABILITY OR CALL 1-800-558-2040.	
90	X-RAY ROOM WARNING LIGHT CONTROL PANEL REFERENCE JUNCTION POINT 'XRLC' ON SHEET 'E1' FOR DETAILED DESCRIPTION -E4502RL FOR WARNING LIGHT CONTROL ONLY.
91	EMERGENCY OFF SWITCH <NEEDED ONLY IF REQUIRED BY STATE/LOCAL CODES>
92	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>
THE CUSTOMER MUST PROVIDE ONE INTERNET ACCESSIBLE (VPN) NETWORK CONNECTION UNLESS BASED UPON SYSTEM CONFIGURATION THAT A DEDICATED DATA TELEPHONE LINE IS ACCEPTABLE	

POWER SPECIFICATIONS

XR656 JEDI 80kw SYSTEMS CABINET

REV. DATE: 11/22/10

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	180	6.7	90-A
415	373-456	170	6.2	85-A
440	396-484	163	6	82-A
460	414-506	156	5.7	78-A
480	432-528	150	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	XR656 JEDI 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.

DISTRI-BUTION TRANS-FORMER FOR A SINGLE UNIT INSTALLATION, THE MINIMUM TRANSFORMER SIZE
 IS 150 KVA.