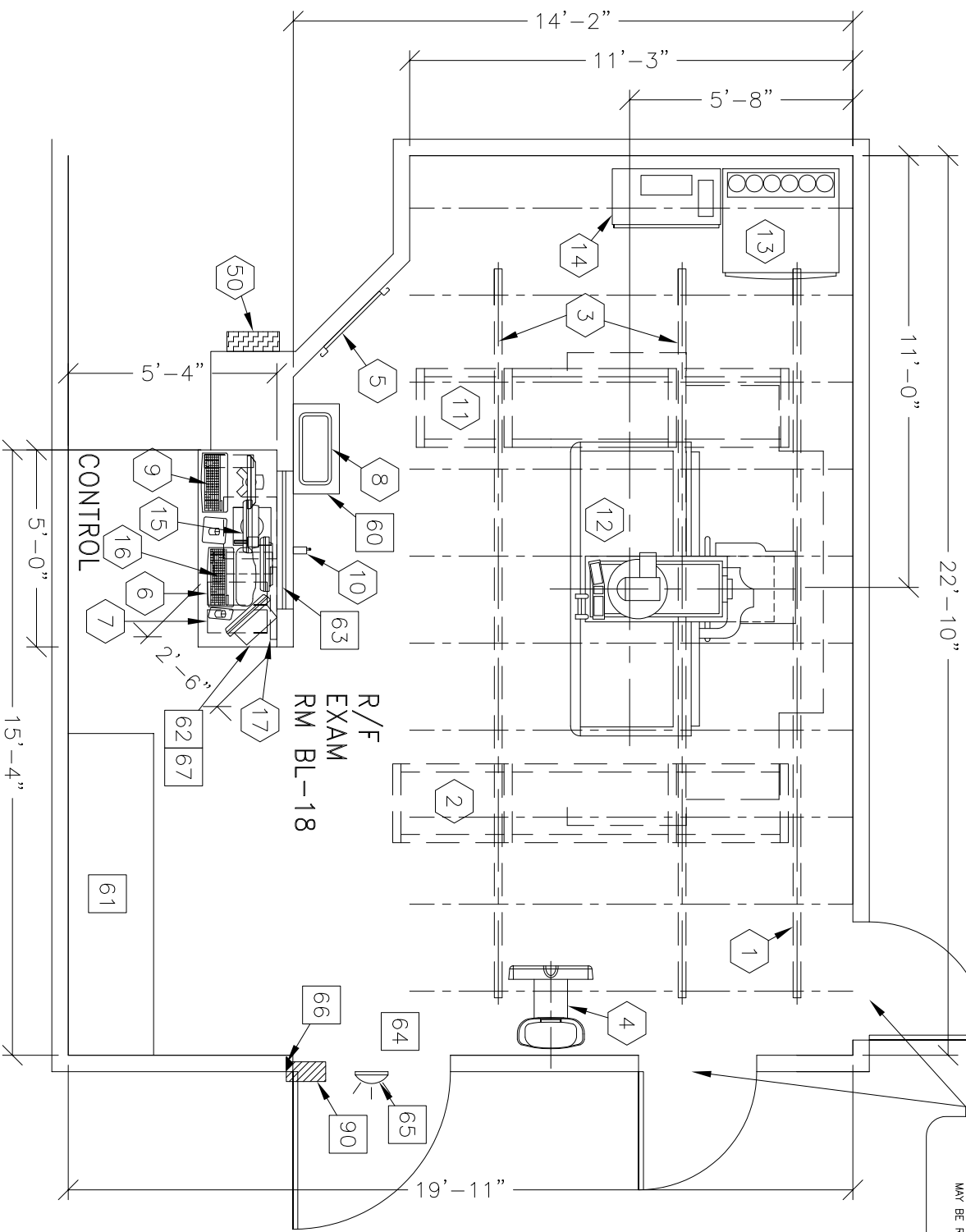


NOTE: IF THIS DOORWAY LEADS TO AN UNCONTROLLED AREA, AN ADDITIONAL WARNING LIGHT AND DOOR SWITCH MAY BE REQUIRED. CONSULT WITH PHYSICIST.



PRELIMINARY PLANNING ONLY

PROJECT TITLE:

CHEYENNE VA  
PRECISION 500D w/KM Imaging  
CHEYENNE, WYOMING

SCHEME NO.: S16-1037 DRAWN BY: JDR DATE: 19Sep2016

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

CUSTOMER

DATE:

GE PROJECT  
MANAGER

DATE:






















Healthcare Project Implementation


GE Healthcare

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.

## GE EQUIPMENT LISTING

EQUIPMENT QUOTED FROM GE MEDICAL SYSTEMS  
 PER QUOTE/GON NOPR6-C75249V1 DATED: 08Se.2016  
 INSTALLED BY GEMS

ITEM NO. 	QUANTITY ORDERED		WEIGHT	HEAT OUTPUT
		ITEM DESCRIPTION (* = EXISTING/REINSTALL)		
	1	CABLE DRAPE RAIL.	108 lbs	
	1	XT RADIOGRAPHIC SUSPENSION WITH INBOARD MOUNTING.	623 lbs	501 btu
	2	LONGITUDINAL STATIONARY RAIL FOR XT SUSPENSION	110 lbs	
	1	SG-80 CHEST UNIT WITH KNEE EXTENSION	427 lbs	
	1	TABLE ACCESSORY RACK	90 lbs	
	1	AERO DR INTERFACE UNIT	24 lbs	112 btu
	1	AERO DR GENERATOR INTERFACE UNIT	15 lbs	
	1	AERO DR DOCKING STATION/BATTERY CHARGER (14x17 & 17x17 DETECTORS)	15 lbs	85 btu
	1	AERO DR CONTROLLER CS-7	37 lbs	1774 btu
	1	AERO DR ACCESS POINT (LOCATION TO BE DETERMINED BY FIELD AT INSTALL)	2 lbs	112 btu
	1	ONE LCD MONITOR SUSPENSION ON XT INBOARD BRIDGE	282 lbs	68 btu
	1	PRECISION R&F TABLE WITH INTELLIGENT DIGITAL DEVICE	3443 lbs	426 btu
	1	SYSTEMS CABINET	881 lbs	2457 btu
	1	POSITIONER CABINET	685 lbs	3412 btu
	1	TIMMS 2000 COMPUTER & MONITOR	26 lbs	402 btu
	1	SATURN OPERATORS CONSOLE	85 lbs	781 btu
	1	IUI ACCESSORY ASSEMBLY	15 lbs	

ITEM NO.	QUANTITY ORDERED	ITEM DESCRIPTION (* = EXISTING/REINSTALL)	WEIGHT	HEAT OUTPUT
				

50	1	MAIN DISCONNECT PANEL	79 lbs
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# ANCILLARY ITEMS

## CUSTOMER/CONTRACTOR SUPPLIED AND INSTALLED ITEMS

ITEM NO. <input type="checkbox"/>	ITEM DESCRIPTION (* INDICATES EXISTING)
<div>60</div> <div>61</div> <div>62</div> <div>63</div> <div>64</div> <div>65</div> <div>66</div> <div>67</div>	<p>SHELF FOR EQUIPMENT &lt;OPTIONAL&gt;</p> <p>*COUNTER TOP WITH BASE CABINETS</p> <p>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.</p> <p>*CONTROL WALL TO CEILING WITH LEAD GLASS VIEWING WINDOW.</p> <p>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</p> <p>X-RAY ON WARNING LIGHT - AVAILABLE FROM GEXPRO CALL: 800-200-9760 GE CAT. NO. WXIABWW-OF-XIU</p> <p>DOOR LIMIT SWITCH &lt;NEEDED ONLY IF REQUIRED BY STATE/LOCAL CODES&gt;</p> <p>SHELF BELOW COUNTER TOP FOR EQUIPMENT/KEYBOARD TRAYS AS NEEDED</p>
	<p>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.</p>
<div>90</div>	<p>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 &amp; ROOM LIGHT CONTROL.</p>
<p>THE CUSTOMER MUST PROVIDE ONE INTERNET ACCESSIBLE (VPN) NETWORK CONNECTION UNLESS BASED UPON SYSTEM CONFIGURATION THAT A DEDICATED DATA TELEPHONE LINE IS ACCEPTABLE</p>	

# POWER SPECIFICATIONS

## JEDI 80kw SYSTEMS CABINET

REV. DATE: 20.Mar.15

### 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 kV<sub>p</sub> 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	VALUE
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. SYNTHESIZED POWER FEED IS NOT ACCEPTABLE

### STANDARD DISCONNECTS

E4502ST 80 AMP DISCONNECT  
E4502RS 110 AMP DISCONNECT  
E4502RT 150 AMP DISCONNECT  
E4502RP 90 AMP DISCONNECT WITH AUTO-RESTART  
E4502SA 110 AMP DISCONNECT WITH AUTO-RESTART  
E4502RY 125 AMP DISCONNECT WITH AUTO-RESTART