

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

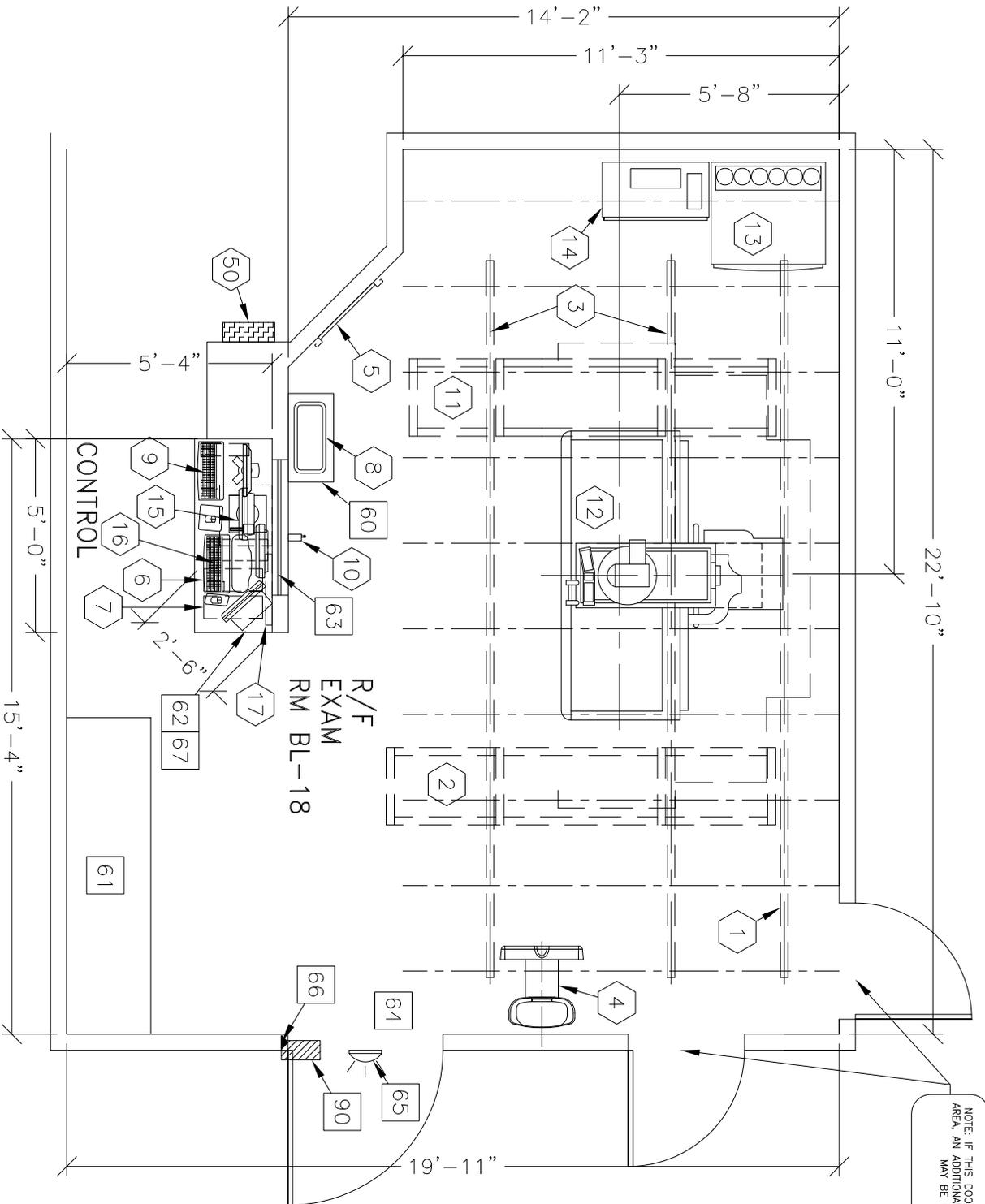
CUSTOMER _____ DATE: _____
 GE PROJECT _____
 MANAGER _____ DATE: _____



Healthcare Project Implementation
 Wisconsin

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.



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

GE EQUIPMENT LISTING

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

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

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

	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)
<input type="checkbox"/>	
<input type="checkbox"/>	SHELF FOR EQUIPMENT <OPTIONAL>
<input type="checkbox"/>	*COUNTER TOP WITH BASE CABINETS
<input type="checkbox"/>	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.
<input type="checkbox"/>	*CONTROL WALL TO CEILING WITH LEAD GLASS VIEWING WINDOW.
<input type="checkbox"/>	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
<input type="checkbox"/>	X-RAY ON WARNING LIGHT - AVAILABLE FROM GEXPRO CALL: 800-200-9760 GE CAT. NO. WXIABWW-OF-XIU
<input type="checkbox"/>	DOOR LIMIT SWITCH <NEEDED ONLY IF REQUIRED BY STATE/LOCAL CODES>
<input type="checkbox"/>	SHELF BELOW COUNTER TOP FOR EQUIPMENT/KEYBOARD TRAYS AS NEEDED

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.

<input type="checkbox"/>	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.
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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

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_p 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 *	125
POWER FACTOR AT	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