

PRELIMINARY FLOOR PLAN APPROX. 900 SF



PRELIMINARY PLANNING ONLY

PROJECT TITLE:

**FRESNO VA
MEDICAL CENTER
FRESNO, CALIFORNIA**

SCHEME NO.: 16SFD67a DRAWN BY: KMD/rf DATE: Jan26,2017

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

CUSTOMER _____ DATE: _____

GE PROJECT
MANAGER _____ DATE: _____















GE Healthcare Healthcare Project Implementation

Milwaukee, Wisconsin
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 NO. 4119832 DATED: 12/02/16
 INSTALLED BY GEMS


ITEM NO. 	QUANTITY ORDERED			ITEM DESCRIPTION (* = EXISTING/REINSTALL)	WEIGHT	HEAT OUTPUT
	1			POWER DISTRIBUTION UNIT	815 lbs	3412 btu
	1			TABLE	125 lbs	
	1			CONSOLE CABINET & LCD MONITORS	216 lbs	3201 btu
	1			OPERATOR'S CHAIR		
	1			STORAGE CABINET (EMPTY CABINET WEIGHT)	99 lbs	
	1			CT OPTIMA CT660 GANTRY	3990 lbs	18703 btu
	1			GT2000 PATIENT TABLE WITH EXTENDED TABLE TOP (W/500 lb PATIENT)	1567 lbs	1023 btu
	1			REAR CABLE COVER		
	1			INJECTOR HEAD ON OVERHEAD COUNTERPOISED SUSPENSION.	79 lbs	
	1			INJECTOR CONTROL AND ELECTRONICS	22 lbs	320 btu

GE EQUIPMENT LISTING

EQUIPMENT QUOTED FROM GE MEDICAL SYSTEMS
 PER QUOTE/GON NO. 4119832 DATED 02.Dec.2016
 INSTALLED BY GEMS

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

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

	1	MAIN DISCONNECT CONTROL CAT NO. E4502AB < IF A UPS IS NOT OR WILL NOT BE ORDERED, THE E4502AD CAN BE USED. >	90 lbs	
---	---	---	--------	--

ANCILLARY ITEMS

CUSTOMER/CONTRACTOR SUPPLIED AND INSTALLED ITEMS

ITEM NO. <input type="checkbox"/>	ITEM DESCRIPTION (* INDICATES EXISTING)
60	X-RAY ON WARNING LIGHT - AVAILABLE FROM GEXPRO CALL: 800-200-9760 GE CAT. NO. WXIABWW-OF-XIU
61	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
62	DOOR LIMIT SWITCH <REQUIRED IN SOUTH CAROLINA, OTHERWISE NEEDED ONLY IF REQUIRED BY STATE/LOCAL CODES>
63	COUNTER TOP WITH SINK, BASE AND WALL CABINETS
64	COUNTER TOP WITH BASE AND WALL CABINETS
65	COUNTER TOP FOR EQUIPMENT-MINIMUM DEPTH 24 in. OR ADDITIONAL SHELVING MAY BE REQUIRED PROVIDE GROMMETED OPENINGS AS REQUIRED TO ROUTE INTERCONNECT CABLES TO RACEWAY BELOW COUNTERTOP.
66	CONTROL WALL TO CEILING WITH LEAD GLASS VIEWING WINDOW.

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 'WLC' ON SHEET 'E1' FOR DETAILED DESCRIPTION -E4502RL FOR WARNING LIGHT CONTROL ONLY.
----	--

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

Optima CT660 Series/Revolution EVO

(REV. DATE 10.Jul.14)

VOLTAGE

PRIMARY SOURCE IS REQUIRED FOR ALL INSTALLATIONS.
RANGE OF LINE VOLTAGES: NOMINAL LINE VOLTAGE OF 380 TO 480, 3 PHASE, 50 OR 60 Hz.

REQUIRED POWER SUPPLY: WYE CONNECTED

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

TABLE A
ALLOWABLE
INPUT
VOLTAGES/
CURRENT
DEMAND

NOMINAL VOLTAGE	ABSOLUTE RANGE	CURRENT (AMPS)		MINIMUM STANDARD OVERCURRENT PROTECTION
		MOMENTARY	CONTINUOUS	
380	342-418	152	30	110-A
400	360-440	144	29	110-A
420	378-462	137	27	100-A
440	396-484	131	26	100-A
460	414-506	126	25	90-A
480	432-528	120	24	90-A

(ALL CALCULATIONS BASED UPON NOMINAL VOLTAGE)

PHASE— BALANCE.

PHASE-TO-PHASE VOLTAGES MUST BE WITHIN +2 PERCENT OF THE LOWEST PHASE-TO-PHASE VOLTAGE. MAXIMUM ALLOWABLE TRANSIENT VOLTAGE SHOULD BE LIMITED TO 1500V PEAK.

VOLTAGE TRANSIENT OR IMPULSE ON THE INCOMING POWER MUST BE HELD TO A MINIMUM. TRANSIENTS CAUSED BY LIGHTNING, SURGES, LOAD SWITCHING, STATIC ELECTRICITY ETC. CAN CAUSE SCAN ABORTS OR, IN EXTREME INSTANCES, COMPONENT FAILURE IN THE COMPUTER SUBSYSTEM.

POWER DEMAND

CONTINUOUS POWER DEMAND = 20 KVA (MAX DEMAND = 100 KVA)

TABLE B
MAXIMUM
MOMENTARY
POWER
DEMAND.

DEMAND	CT
kVa *	100
POWER FACTOR AT	0.85

* DEMAND INCLUDES POWER FOR ENTIRE CT 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 125 KVA, WITH 2.4% RATED REGULATION AT UNITY POWER FACTOR. RESULTANT MAXIMUM ALLOWABLE FEEDER REGULATION IS 3.6%

NOTE: THE CT SYSTEM MUST NOT BE POWERED IN A MULTIPLE INSTALLATION WHERE FILM CHANGERS ARE USED. FILM CHANGERS UTILIZE A LARGE NUMBER OF HIGH POWERED CLOSELY SPACED EXPOSURES WHICH MAY COINCIDE WITH THE CT SCAN.