

TYPICAL ROOM AND EQUIPMENT LAYOUT
(DASHED LINES DEPICT TABLE TOP TRAVEL)

GENERAL NOTES

- ALL SPECIFICATIONS AND SPACE REQUIREMENTS ARE SHOWN GENERICALLY. CONTACT GAMMA TECHNOLOGIES FOR SPECIFIC REQUIREMENTS PERTAINING TO OPTIONAL EQUIPMENT COMPONENTS AND ADDITIONAL ROOM PREPARATION SPECIFICATIONS.
- MINIMUM RECOMMENDED CEILING HEIGHT IS 8'-0"
- AMBIENT EXAM ROOM REQUIREMENTS ARE 68-78.8° F AT 20% TO 70% NON-CONDENSING.
- AMBIENT CONTROL ROOM REQUIREMENTS ARE 50-82.4° F AT 20% TO 70% R.H. NON-CONDENSING.
- MAIN INCOMING POWER SUPPLY: (SYSTEM WITH PCDU)
RECOMMENDED: 480VAC, THREE PHASE, 100KVA, 75AMP, 3-POLE
ALTERNATE: 208VAC, THREE PHASE, 100KVA, 150AMP, 3-POLE

EQUIPMENT SCHEDULE

		EQUIPMENT IDENTIFICATION NUMBER						
		BTU / HOUR	WEIGHT (LBS.)					
		DESCRIPTION	DIMENSIONS (IN.)					
			W	x	D	x	H	
1	11225	SHIMADZU SCT-7800 GANTRY	66.90	40.90	73.00			2971
2	120	SHIMADZU SCT-7800 PATIENT COUCH	24.40	84.80	38.20			661
3	352	SHIMADZU SCT-7800 OPERATOR CONSOLE	31.50	31.50	41.20			441
4	1152	SHIMADZU SCT-7800 COMPUTER CABINET	15.40	31.50	27.60			341
5	690	SHIMADZU SCT-7800 SYSTEM POWER SUPPLY	30.70	19.80	43.70			552
6	1250	SHIMADZU SCT-7800 PCDU-SCT 7800	21.70	20.50	43.30			600
7		SHIMADZU SCT-7800 WALL SPEAKERS (WALL MOUNTED)	11.38	5.50	8.50			

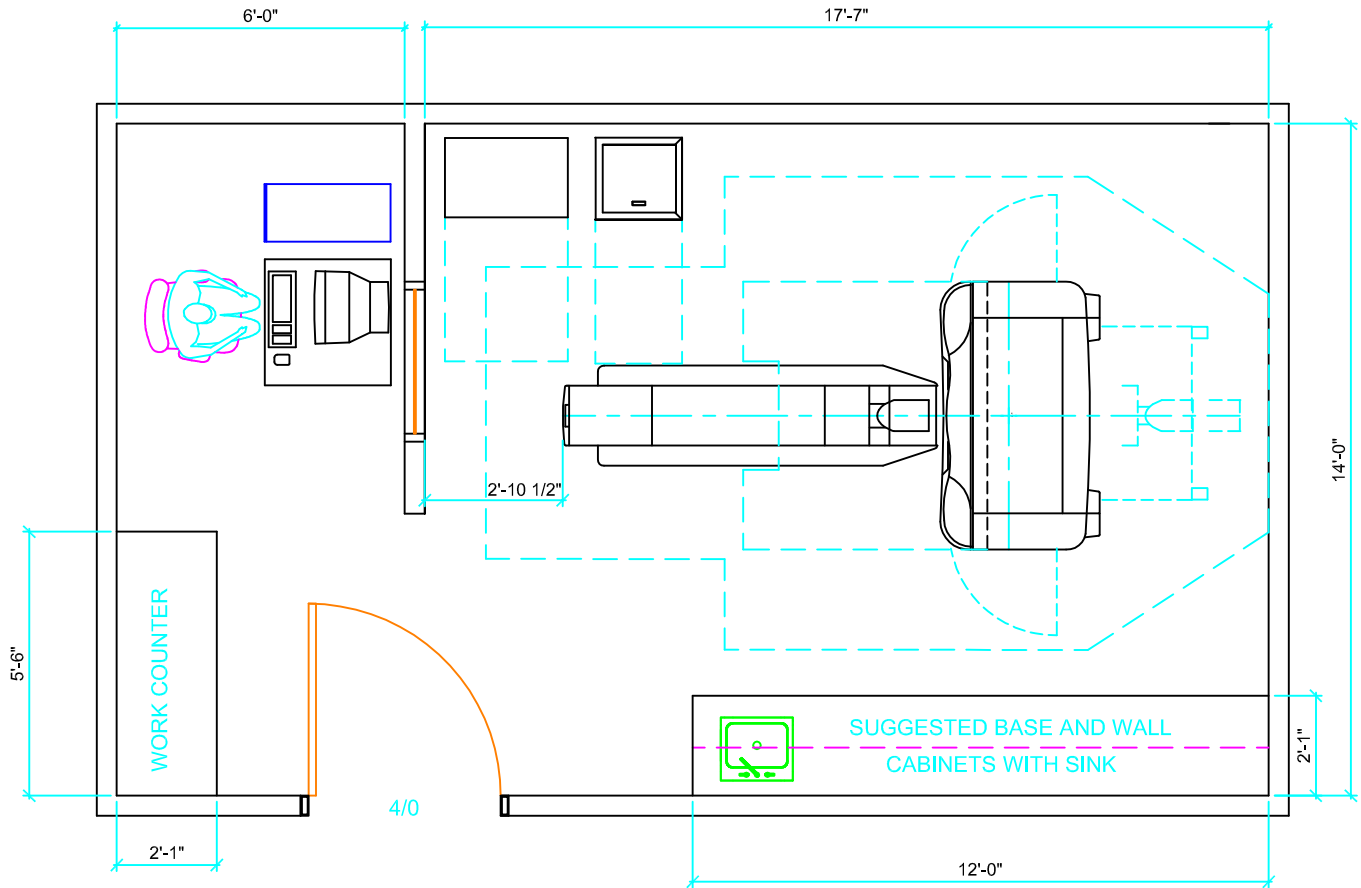
SHIMADZU MEDICAL
SCT-7800 CT SYSTEM

GAMMA TECH, INC



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FILE NAME:
TYP SHIMADZU SCT-7800 CT
REVISION DATE:
07-12-2004



SERVICE CLEARANCES
(DASHED LINES DEPICT RECOMMENDED SERVICE AREAS)

INCOMING WIRE SIZE NOTES

(CONTRACTOR FURNISHED - CONTRACTOR INSTALLED)

LISTED BELOW IS THE RELATIONSHIP BETWEEN THE LENGTH AND SIZE OF EACH INCOMING WIRE, WITH THE ASSUMPTION THAT THE POWER SOURCE HAS THE REQUIRED CAPACITY. THE VOLTAGE REGULATION UNDER LOAD VARIATION IS CALCULATED TO BE WITHIN ±5%. BE SURE TO USE WIRE SIZES INDICATED OR GREATER.

RECOMMENDED POWER TO THE MAIN DISCONNECT: 480VAC, THREE PHASE, 100KVA
MAIN CIRCUIT BREAKER: 75AMP, 3-POLE (DELTA OR WYE)

X-RAY GENERATOR: SHIMADZU SCT-7800 CT WITH PCDU

PROVIDE THE APPROPRIATE WIRE SIZE FROM POWER SOURCE TO MAIN DISCONNECT:

WIRE LENGTH	50'	100'	200'
FEEDER SIZE			
LINE:	#3AWG	#3AWG	#0AWG
NEUTRAL:	NEUTRAL NOT REQUIRED		
GROUND:	#3AWG	#3AWG	#0AWG (LESS THAT 5 OHMS)

ALTERNATE POWER TO THE MAIN DISCONNECT: 208VAC, THREE PHASE, 100KVA
MAIN CIRCUIT BREAKER: 150AMP, 3-POLE (DELTA OR WYE)

X-RAY GENERATOR: SHIMADZU SCT-7800 CT WITH PCDU

PROVIDE THE APPROPRIATE WIRE SIZE FROM POWER SOURCE TO MAIN DISCONNECT:

WIRE LENGTH	50'	100'	200'
FEEDER SIZE			
LINE:	#0000AWG	250MCM	500MCM
NEUTRAL:	NEUTRAL NOT REQUIRED		
GROUND:	#0000AWG	250MCM	500MCM (LESS THAT 5 OHMS)

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