

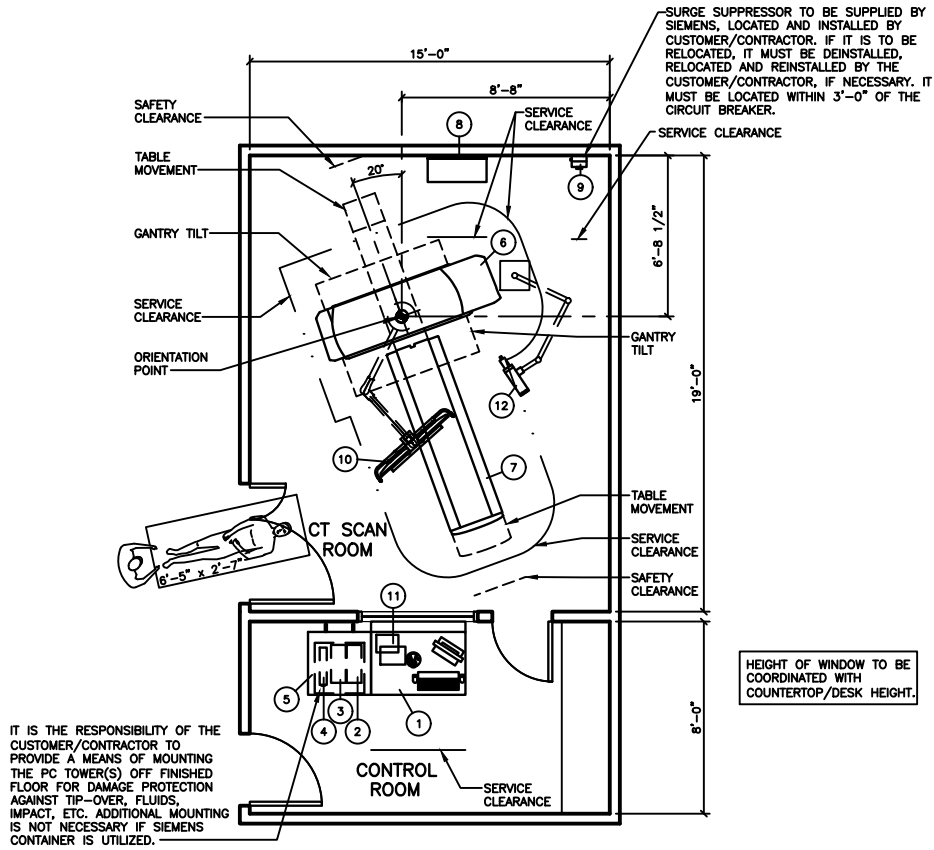
SIEMENS

SOMATOM SCOPE TYPICAL ROOM PLAN



The intended use for this Cut Sheet is to communicate the spatial requirements as well as the basic architectural, electrical, structural, and mechanical requirements for this piece of imaging equipment. The information provided in this document is for reference only, during the pre-planning stage, and therefore does not contain any site specific detailed requirements. This information is subject to change without notice. Federal, state and/or local requirements may impact the final placement of the components. It is the customer's responsibility to ensure that the final layout and placement of the equipment complies with all applicable requirements.

SOMATOM SCOPE TYPICAL ROOM PLAN



TYPICAL PLAN

SCALE: 1/8" = 1'-0"

SOMATOM SCOPE SPECIFICATIONS

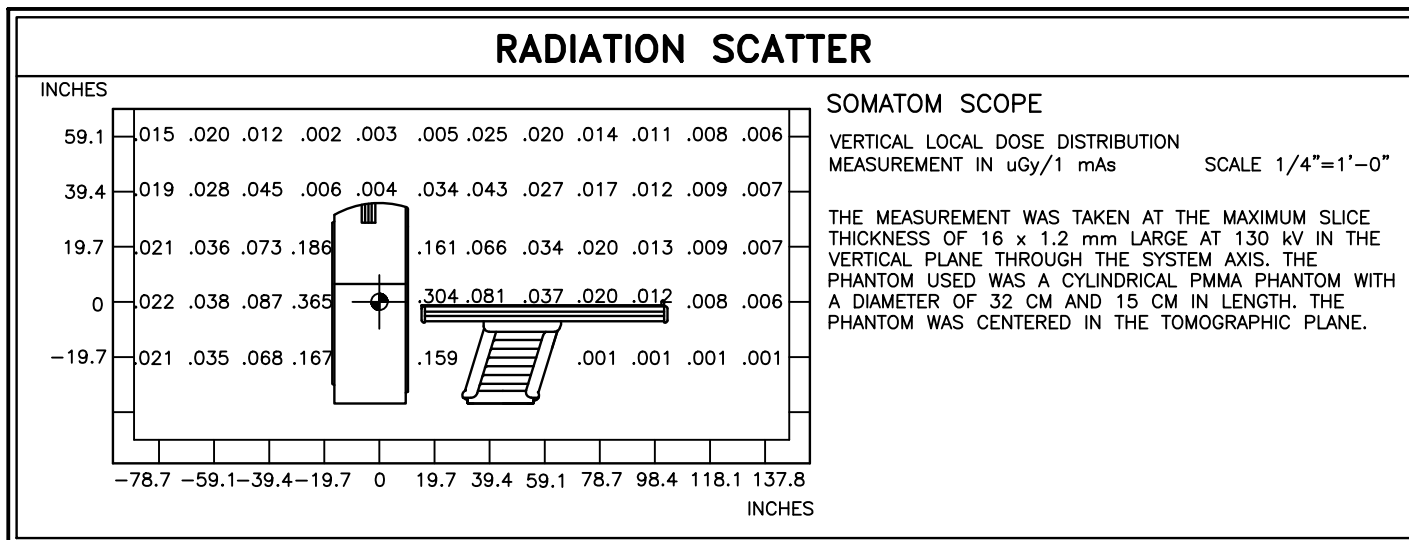
EQUIPMENT LEGEND								
NO	DESCRIPTION	SMS SYM	WEIGHT (LBS)	BTU/HR TO AIR	DIMENSIONS (INCHES)			REMARKS
					W	D	H	
①	OPERATING CONSOLE (OPTION)	⊖	79.5	**	47 1/4	36 5/8	29 3/4	1200mm
②	IMAGE CONTROL SYSTEM AND STANDARD COMPONENTS	⊖	<66	2,389**	7 5/16	18 15/16	17	**TOTAL
③	IMAGE RECONSTRUCTION SYSTEM	⊖	<55	**	7 5/16	19	17	
④	UPS FOR IMS	⊖	65	**	3 1/2	20 13/16	17	
⑤	IMS CONTAINER (OPTION)	⊖	161	---	31 7/8	31 1/2	30 1/16	HOUSING FOR ICS/IRS
⑥	SOMATOM SCOPE	⊖	2,719	18,096*	91	27 1/4	71 5/16	*TOTAL
⑥	SOMATOM SCOPE POWER	⊖	2,719	23,203*	91	27 1/4	71 5/16	*TOTAL
⑦	PATIENT TABLE	⊖	950	*	97 3/8	27 1/2	19 5/8	MAX. HEIGHT 35"
⑧	LINE CONNECTION BOX	⊖	260	1,365	29 1/2	11 3/4	32	
⑨	EATON SURGE PROTECTIVE DEVICE PANEL (OPTION)	⊖	13.5	---	7 1/2	6 11/16	12	WALL MOUNTED
⑩	CARE VISION DUAL MONITOR (OPTION)	F1	104	---	---	---	---	CEILING MOUNTED
⑪	MEDRAD DISPLAY CONTROL UNIT/BASE UNIT (OPTION)	M2	---	---	---	---	---	HEIGHT WITH SCREEN UP
⑫	CEILING MOUNTED MEDRAD INJECTOR (OPTION)	M3	106	---	---	---	---	SEE MFG SPECIFICATIONS

FINISHED ROOM HEIGHT	
FOR CT GANTRY ONLY	MINIMUM 7'-6 9/16"
CAREVISION MONITOR/CEILING MOUNT	SEE DETAIL ON S-102 SHEET

REMOTE SYSTEM DIAGNOSTICS
SIEMENS REMOTE SERVICES (SRS) REQUIRES A CONNECTION BETWEEN THE SRS REMOTE SERVER AND SIEMENS SYSTEMS VIA REMOTE LOCAL AREA NETWORK ACCESS, TO ENSURE THE UPTIME OF YOUR SYSTEM. A CUSTOMER VPN CAPABLE FIREWALL OR OTHER VPN APPLIANCE IS PREFERRED.

CASEWORK & ACCESSORY NOTES
<ol style="list-style-type: none"> ALL CASEWORK IS EITHER EXISTING OR IS TO BE DESIGNED, DETAILED, FURNISHED AND INSTALLED BY THE CUSTOMER AND/OR CONTRACTOR. FOLLOW DESIGN RECOMMENDATIONS INCLUDED HEREWITH, AS THEY ARE ESSENTIAL FOR THE SUCCESSFUL INSTALLATION & OPERATION OF THE SIEMENS EQUIPMENT. THE SOUND SYSTEM AND INTERCOM BETWEEN THE EXAMINATION AND CONTROL ROOMS ARE TO BE LOCATED, FURNISHED AND INSTALLED BY THE CUSTOMER/CONTRACTOR. ALL FURNITURE (CHAIRS, ETC.) FOR THE CONTROL ROOM ARE TO BE PROVIDED BY THE CUSTOMER.

SOMATOM SCOPE SPECIFICATIONS



POWER REQUIREMENTS

SYSTEM	SUPPLY VOLTAGE (VOLTS)	POWER CONSUMPTION (kVA)	SUPPLY IMPEDANCE (mΩ)	MAIN CIRCUIT BREAKER (AMPS)
SCOPE GANTRY WITH PATIENT TABLE	3φ 480±10%	SEE BELOW	≤ 400	50
SCOPE POWER GANTRY WITH PATIENT TABLE	3φ 480±10%	SEE BELOW	≤ 320	70

POWER CONSUMPTION GANTRY WITH PATIENT TABLE--SCOPE
 OPERATING FOR 10 SEC. - ≤ 40 kVA
 OPERATING FOR 100 SEC. - ≤ 24.2 kVA
 STAND-BY - ≤ 3.3 kVA

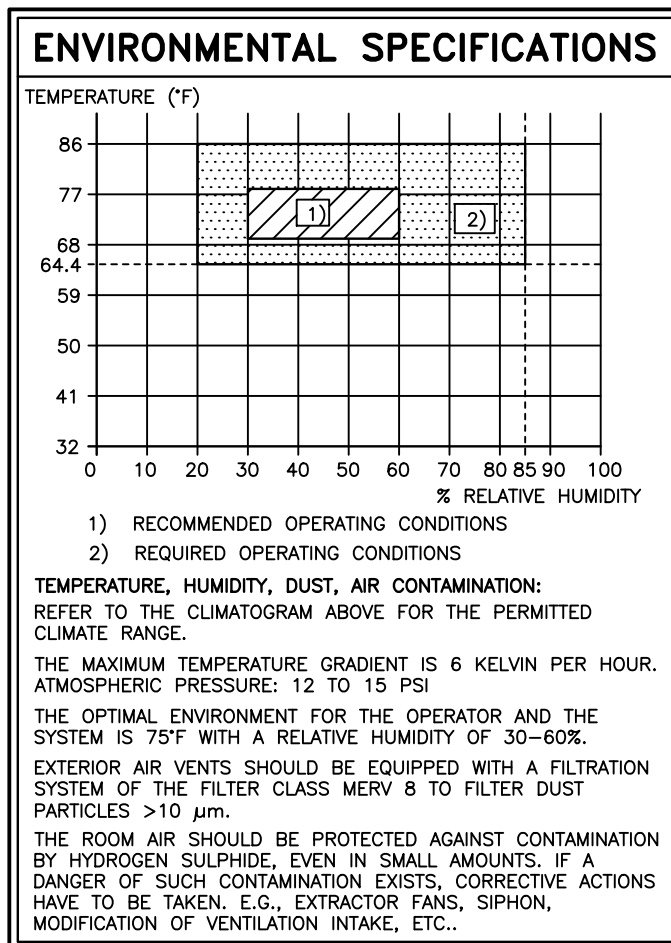
POWER CONSUMPTION GANTRY WITH PATIENT TABLE--SCOPE POWER
 OPERATING FOR 4 SEC. - ≤ 68 kVA
 OPERATING FOR 100 SEC. - ≤ 28.7 kVA
 STAND-BY - ≤ 3.7 kVA

POWER CONSUMPTION IMS (IRS, ICS AND MONITOR)
 MAXIMUM IN OPERATION - ≤ 0.50 kVA
 STAND-BY - ≤ 0.50 kVA

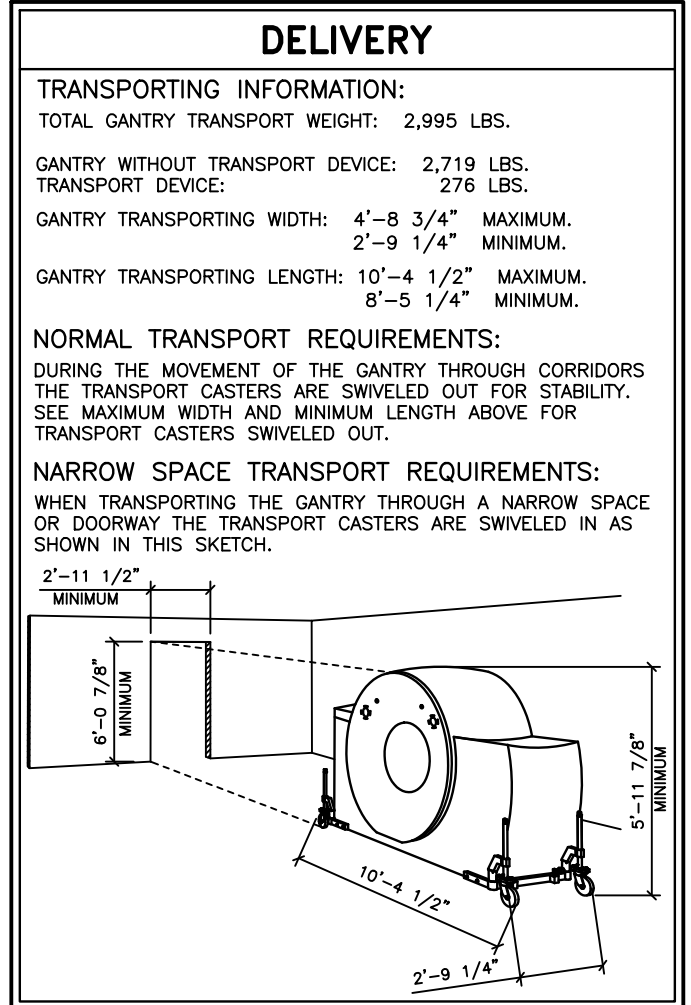
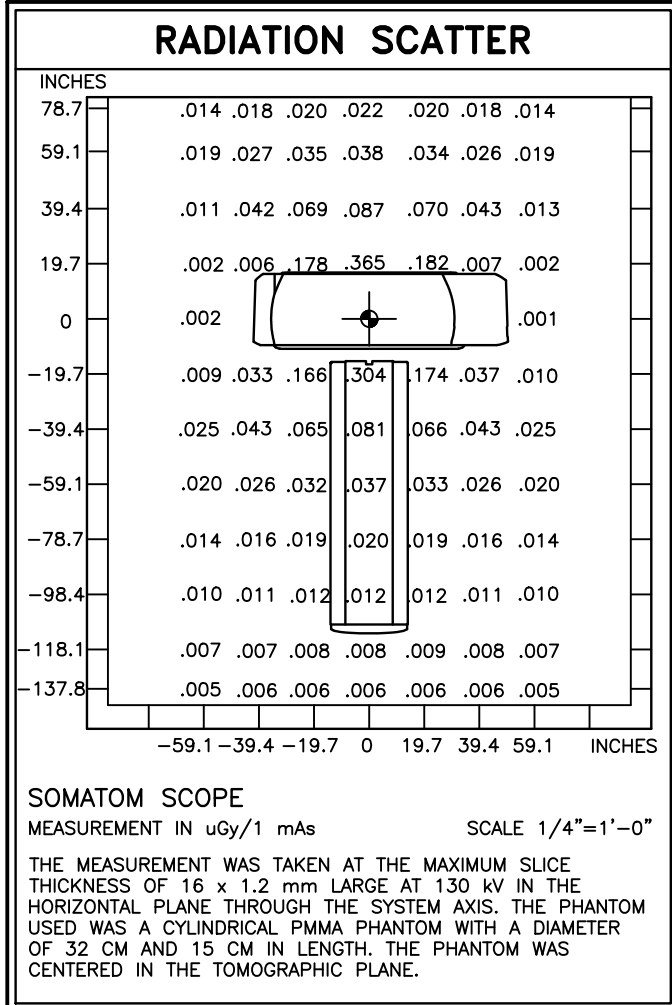
THE IMAGING SYSTEM IMS (ICS, IRS AND MONITOR) MUST BE CONNECTED VIA THE UPS TO THE LCB (230 VOLT SUPPLIED BY LCB). THE FUSE IS ALREADY INTEGRATED IN THE LCB.

DO NOT CONNECT ANY EXTERNAL USERS TO THE CT POWER LINE.

THE EXAMINATION ROOM SHOULD BE EQUIPPED WITH AT LEAST ONE EMERGENCY POWER OFF (PANIC) BUTTON.



SOMATOM SCOPE SPECIFICATIONS



FOR MORE INFORMATION

FOR MORE DETAILED PLANNING REQUIREMENTS FOR THIS SYSTEM, SEE THE TYPICAL FINAL DRAWING SET NUMBER: 14048