

REFERENCE DOCUMENT - NOT FOR CONSTRUCTION

ARCHITECTURAL NOTES

- 1) ALL PRELIMINARY EQUIPMENT LAYOUTS SUBMITTED BY SIEMENS HEALTHCARE ARE BASED ON THE RECOMMENDED SPACE NECESSARY FOR THE OPERATION AND SERVICEABILITY OF THE EQUIPMENT BEING PROPOSED. SIEMENS WILL NOT SUBMIT AN EQUIPMENT LAYOUT THAT IS NOT IN THE BEST INTEREST OF BOTH THE CUSTOMER AND SIEMENS. ALL EQUIPMENT LAYOUTS ARE BASED EITHER ON AN ACTUAL SITE SURVEY OR ARCHITECTURAL DRAWINGS SUPPLIED TO SIEMENS. SIEMENS WILL NOT BE RESPONSIBLE FOR ANY ALTERATIONS THAT ENCROACH WITHIN DESIGNATED SAFETY AND SERVICE CLEARANCE ZONES AS INDICATED ON DRAWINGS (I.E. PIPE CHASES, VENTILATION DUCTS, CASEWORK, AND SOFFITS, ETC.) MADE BY THE CUSTOMER OR REQUIRED BY A CUSTOMER'S ARCHITECTURAL FIRM. ONCE PRELIMINARY DRAWINGS HAVE BEEN SUBMITTED AND APPROVED, DO NOT ALTER ANY SPECIFICATIONS AND/OR DIMENSIONS WITHOUT CONTACTING AND RECEIVING WRITTEN CONFIRMATION FROM SIEMENS PROJECT MANAGER.
- 2) SIEMENS HEALTHCARE IS NOT AN ARCHITECTURAL OR ENGINEERING FIRM. DRAWINGS SUPPLIED BY SIEMENS ARE NOT CONSTRUCTION DRAWINGS. THEREFORE, THESE DRAWINGS ARE TO BE USED ONLY FOR INFORMATION TO COMPLEMENT ACTUAL CONSTRUCTION DRAWINGS AVAILABLE FROM A CUSTOMER APPOINTED ARCHITECTURAL REPRESENTATIVE OR A CUSTOMER'S ENGINEERING DESIGN GROUP. THE CUSTOMER'S ARCHITECT GENERAL CONTRACTOR SHALL BE ULTIMATELY RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE CODES AND PROFESSIONAL DESIGN REQUIREMENTS INCLUDING OSHA/NEC SAFETY CLEARANCE REQUIREMENTS IN ADDITION TO SIEMENS-REQUIRED SAFETY/SERVICE CLEARANCES SHOWN.
- 3) THE CUSTOMER IS RESPONSIBLE FOR ALL ROOM AND AREA PREPARATION COSTS, PROFESSIONAL FEES, PERMITS, REPORTS, AND INSPECTION FEES.
- 4) EQUIPMENT WARRANTIES, EXPRESSED OR IMPLIED ON THE PART OF SIEMENS SHALL BE CONTINGENT UPON STRICT COMPLIANCE WITH THE ARCHITECTURAL, STRUCTURAL, ELECTRICAL, MECHANICAL AND RECOMMENDATIONS AND REQUIREMENTS CONTAINED IN THESE DRAWINGS, UNLESS SPECIFIED OTHERWISE.
- 5) ALL DIMENSIONS SHOWN ARE FROM FINISHED SURFACES UNLESS SPECIFIED OTHERWISE.
- 6) THIS DRAWING DOES NOT PROVIDE RADIATION SHIELDING REQUIREMENTS FOR X-RAY AND ASSOCIATED EQUIPMENT. THE CUSTOMER IS RESPONSIBLE FOR CONSULTING WITH A REGISTERED RADIATION PHYSICIST. ACTUAL PROTECTION REQUIREMENTS SHALL BE SPECIFIED BY A REGISTERED RADIATION PHYSICIST AT CUSTOMER'S ENGAGEMENT AND EXPENSE. RESPONSIBILITY FOR ALL INFORMATION AS TO THE ROOM LOCATION, USE, AND NUMBER OF ANTICIPATED EXAMINATIONS TO BE PERFORMED PER TIME PERIOD SHALL BE PROVIDED TO THE PHYSICIST BY THE CUSTOMER. THE CUSTOMER SHALL FURTHER TAKE ALL RESPONSIBILITY IN THE COMMUNICATION AND COORDINATION OF ACTIVITIES OF THE RADIATION PHYSICIST AND THE ARCHITECTURAL REPRESENTATIVE.
- 7) SIEMENS HEALTHCARE SHALL BE RESPONSIBLE FOR SIEMENS EQUIPMENT INSTALLATION, CALIBRATION, CONNECTION AND INSTALLATION OF SIEMENS PROVIDED CABLES. THE CUSTOMER/ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR TERMINATIONS OF CUSTOMER/ELECTRICAL CONTRACTOR-SUPPLIED CABLES TO SIEMENS EQUIPMENT. IN THE EVENT THAT SPECIFIC TRADE RULES OR LICENSE REQUIREMENTS PROHIBIT THIS, THE CUSTOMER SHALL INITIATE THE SERVICES OF APPROVED OTHER CONTRACTORS AND PAY FOR SELECTED, APPROVED PARTIES TO PERFORM THIS WORK WITH SUPERVISION PROVIDED BY SIEMENS. CALIBRATION WHEN ACCOMPLISHED OUTSIDE OF NORMAL INSTALLATION SEQUENCES DUE TO CONTRACTOR OR TRADE RULE ACTIONS OR REQUIREMENTS SHALL BE SUPPORTED BY, CHARGED TO, AND ACCEPTED BY THE CUSTOMER AS AN ADDITIONAL INSTALLATION EXPENSE.
- 8) THE CUSTOMER SHALL COORDINATE WITH SIEMENS PROJECT MANAGER THE LOCATIONS AND TRAVEL OF ALL ANCILLARY EQUIPMENT TO BE CEILING OR WALL MOUNTED (I.E.: O.R. LIGHTS, MEDICAL GAS COLUMNS, PHYSIOLOGICAL MONITORING INJECTORS, CRT PLATFORMS, SPRINKLER HEADS, SMOKE DETECTORS, ELECTRICAL OUTLETS, HVAC GRILLES, SPEAKERS, AND GENERAL ROOM LIGHTING, ETC.).
- 9) THE GENERAL CONTRACTOR/CUSTOMER SHALL BE RESPONSIBLE FOR ALL FINAL PAINT, TOUCH-UP AND ANY COSMETIC OR TRIM WORK WHICH NEEDS TO BE OR IS REQUIRED TO BE COMPLETED AFTER THE INSTALLATION OF THE SIEMENS EQUIPMENT AND ANY ASSOCIATED SUPPORT APPARATUS.

EQUIPMENT LEGEND								
NO	DESCRIPTION	SMS SYM	WEIGHT (LBS)	BTU/HR TO AIR	DIMENSIONS (INCHES)			REMARKS
					W	D	H	
1	CONTROL ROOM MODULE	Ⓢ	2	-	4 3/4	10 1/16	3 3/16	ON CUSTOMER'S COUNTER
2	IMAGING SYSTEM - KEYBOARD AND MOUSE	Ⓢ	-	-	-	-	-	ON CUSTOMER'S COUNTER
3	CONTROL ROOM MONITOR (LIVE IMAGE)	Ⓢ	-	-	-	-	-	ON CUSTOMER'S COUNTER
4	IMAGING SYSTEM (UNDER COUNTER)	Ⓢ	110	1,468	17 3/8*	32 1/2**	27*	*INCLUDES 5 1/8" BEHIND, 4" ABOVE AND ALONG CONTAINER.
5	POLYDOROS F80 (80 KW) GENERATOR CABINET	Ⓢ	838	2,048**	31 1/2	17 1/8	86 3/4	**DURING OPERATION, 1,195 IN STANDBY MODE
6	LUMINOS AGILE (+90/-20) TABLE	Ⓢ	3,793	2,900***	83	88	77	***DURING OPERATION, 512 IN STANDBY MODE
7	DCS-1 IC-DWI FLAT DISPLAY & TOUCH DISPLAY ON CEILING SUSPENSION	Ⓢ	419	512	167 1/8	27 7/8	*A	*A - 63" MIN. AND 102" MAX.
8	YSIO MAX WALL STAND WITH MOBILE DETECTOR (LEFT LOADING)	Ⓢ	551	819	30	37*A	83	*A - MAX. IN HORIZONTAL POSITION
9	ACCESS POINT (TOP OF GENERATOR)	Ⓢ	4	-	8	5 1/2*A	3*B	*A 12 1/4, *B 9" INCLUDING ANTENNAE
10	CEILING RAILS FOR FULLY SYNCHRONIZED TUBE STAND	Ⓢ	59	-	167 3/8	3	3 1/2	SIZE AND WEIGHT PER RAIL
11	4M TRANSVERSE BRIDGE AND X-RAY TUBE STAND	Ⓢ	816	853	172 1/2	39	4	
12	GRID HOLDER FOR AGILE (WALL MOUNTED)	Ⓢ	63	-	25 1/16	6 7/16	21 11/16	SUGGESTED LOCATION
13	ORTHO SUPPORT (FOR ORTHO OPTION)	Ⓢ	177	-	34 13/16	29 1/2	79 1/4	FOR ORTHO OPTION
14	DVD FOR FLUORO RECORDING	Ⓢ	-	-	-	-	-	INSIDE FL-C CONTAINER
15	CHARGING STATION FOR MAX DETECTORS	Ⓢ	4	-	12 1/2	6 3/4	2	ON CUSTOMER'S COUNTER
16	EATON UPS 5P 850G FOR IMAGING SYSTEM ONLY	Ⓢ	22	135	6	13 5/8	9 1/4	LOCATED WITH CONTROL EQUIPMENT

CEILING STAND TECHNICAL DATA

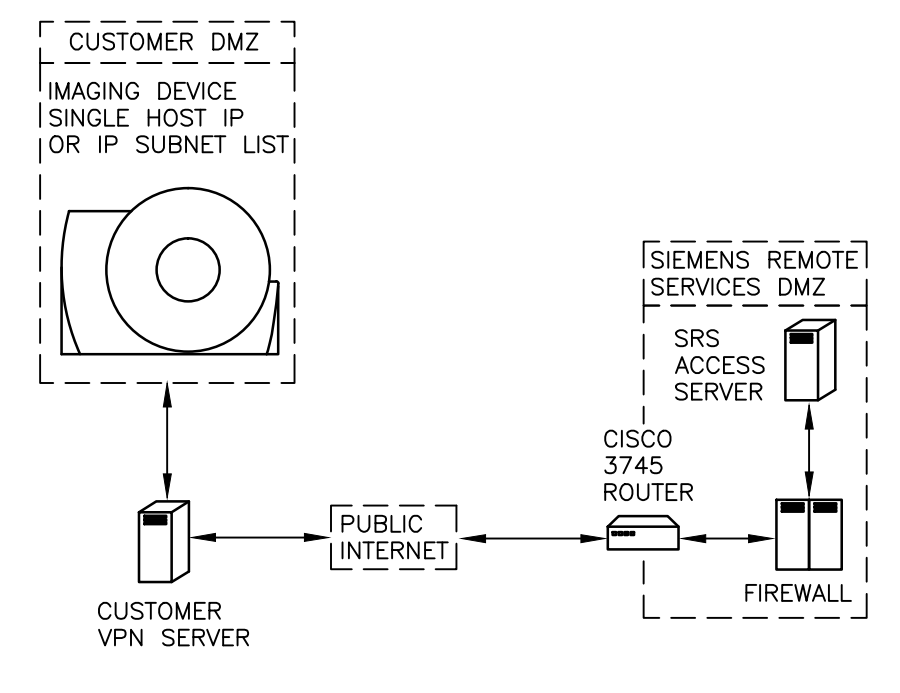
TRANSPORTING INFORMATION		
	SIZE	WEIGHT
TRANSVERSE BRIDGE	3 M 126"L x 32"W x 10"H	419#
	4 M 174"L x 32"W x 10"H	512#
LONGITUDINAL RAILS	4 M 167"L x 3"W x 4"H	59# EACH
	5 M 197"L x 3"W x 4"H	82# EACH
DCS-1/2	4 M 167"L x 3"W x 3"H	441#
X-RAY TUBE STAND (FULLY SYNCHRONIZED)	67"L x 41"W x 53"H	827#
WALL STAND WITH MOBILE DETECTOR (WITH PACKING)	35"L x 93"W x 41"H	898#
MINIMUM DOOR OPENING:	3'-5 3/8"	
MINIMUM CORRIDOR WIDTH:	6'-11"	

ENVIRONMENTAL CONDITIONS		
	IN OPERATION	TRANSPORT
PERMISSIBLE AMBIENT TEMPERATURE (WITH WIRELESS DETECTOR)	59°F TO 82°F	-4°F TO 131°F
PERMISSIBLE RELATIVE HUMIDITY	20% TO 75%	5% TO 95% REV 3

SIEMENS REMOTE SERVICE

TO ENSURE THE UPTIME OF YOUR SYSTEM DURING THE WARRANTY PERIOD (AND BEYOND WITH A SERVICE AGREEMENT), SIEMENS REMOTE SERVICES (SRS) REQUIRES REMOTE LOCAL AREA NETWORK ACCESS TO SIEMENS SYSTEMS.

THE PREFERRED CONNECTION METHOD IS (VPN) VIRTUAL PRIVATE NETWORK (WHERE THE CUSTOMER HAS AVAILABLE A VPN CAPABLE FIREWALL OR OTHER VPN APPLIANCE). THIS METHOD PROVIDES THE POSSIBILITY FOR REMOTE SYSTEM DIAGNOSTICS WITHOUT ADDITIONAL HARDWARE. PLEASE CONTACT SIEMENS REMOTE SERVICES (800-888-SIEM) TO DETERMINE IF THIS METHOD IS SUITABLE FOR YOUR SITE.



Project Milestones To Be Completed Before Equipment Delivery	Reference Sheet	Date Completed	Date Reviewed
Storage area available for storing items during installation	A-101		
Lead shielding (walls, doors, windows) complete	A-101		
Climate control functioning 24 hours a day, 7 days a week	A-101		
Delivery path verified	A-101		
Casework complete in exam and control rooms	A-101		
Room lighting complete and functioning	A-101		
Network drop active and IP addresses obtained for Siemens Remote Services (SRS)	A-102		
Nothing hanging below ceiling in area shaded on drawing	A-102		
Floor levelness verified and within specifications	S-101		
Floor thickness verified and within specifications if not, approved Alt. Anchor Solution available	S-101		
All conduits, troughs, and core drills are outside of table or wallstand anchor locations	S-101		
Any in-floor pull boxes outside of table or wallstand anchor locations	S-101		
Ceiling/Unistrut height verified (check minimum ceiling height)	S-102		
Correct number of unistrut installed in correct location	S-102		
Cable runs checked to ensure maximum length not exceeded	E-101		
X-Ray warning light and wiring installed	E-101		
Breakers installed	E-102		
Contractor supplied electrical cabling / pigtail installed	E-102		
EPO's installed and functioning	E-102		
Cable insets installed in locations per plans	E-102		

TABLE TECHNICAL DATA

ENVIRONMENT:	59°F - 95°F OPERATING ROOM TEMPERATURE (NOTE: MAXIMUM 82°F WITH WIRELESS DETECTOR) 20% - 75% PERMISSIBLE RELATIVE AIR HUMIDITY (NON-CONDENSING)
TRANSPORTING/RIGGING:	UNIT BASE WEIGHT: 1,901 LBS. WITH PACKING 1,610 LBS. WITHOUT PACKING (WITH TRANSPORT CARRIAGE) DIMENSIONS WITH PACKING: 53"L x 36"W x 67"H
	UNIT SUPPORT WEIGHT: 2,095 LBS. WITH PACKING 1,517 LBS. WITHOUT PACKING (WITH TRANSPORT CARRIAGE) DIMENSIONS WITH PACKING: 97"L x 52"W x 56"H DIMENSIONS WITHOUT PACKING (WITH TRANSPORT CARRIAGE): 116"L x 32"W x 60"H (WHEELS OUTSIDE) 95"L x 32"W x 60"H (ALL WHEELS INSIDE) 107"L x 32"W x 60"H (TWO WHEELS INSIDE) MINIMUM DOOR OPENING FOR TRANSPORT CARRIAGE: 34"W WITH MINIMUM 8'-3" CORRIDOR WIDTH 48"W WITH MINIMUM 6'-1" CORRIDOR WIDTH

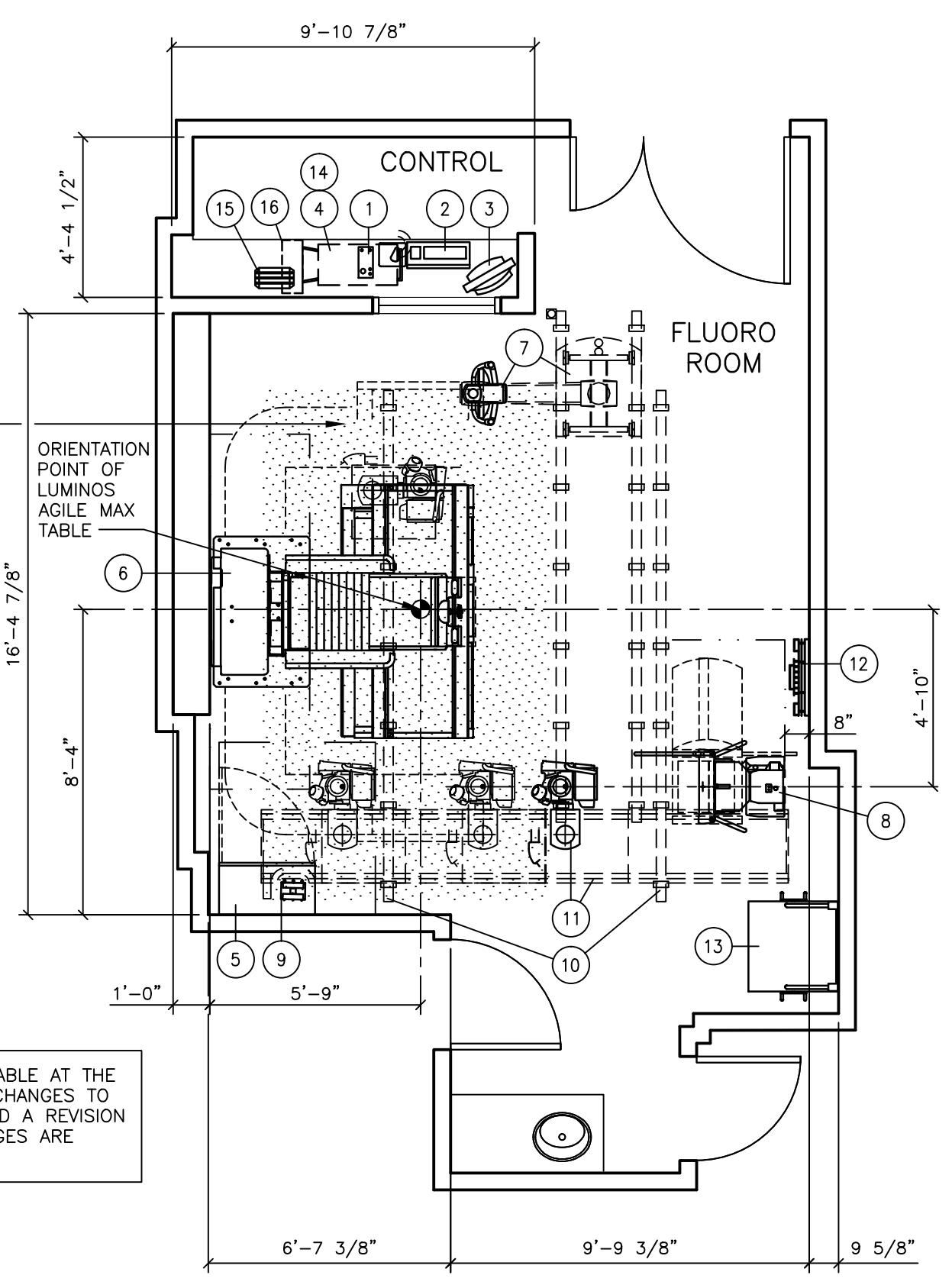
RESOURCE LIST (SMS USE ONLY)

DESIGNATION	PG NUMBER	DATE
LUMINOS AGILE	XPDI-320.891.01.XX.02	
LUMINOS AGILE MAX	XPDI-325.891.01.XX.02	

LUMINOS AGILE REV 10

MINIMUM CEILING HEIGHT W/RESTRICTION	CEILING HEIGHT WITHOUT RESTRICTION	RECOMMENDED CEILING HEIGHT
SEE RM HT REQMTS	SEE RM HT REQMTS	9'-6"

PROJECT MANAGER: RICH DEISTER TEL: (207) 712-3205 EXT: FAX: (207) 929-3776 EMAIL: RICH.DEISTER@SIEMENS.COM			
PROJECT #: 1601355			
SHEET: A-101		DATE: 10/21/16	
DRAWN BY: D. CAPSTICK		SCALE: AS NOTED	



EXAM RESTRICTIONS: NOT APPLICABLE
WARNING NOTES: NOT APPLICABLE

IN THIS RECTANGULAR SHADED AREA, NOTHING CAN EXTEND BELOW THE FINISHED CEILING TO ALLOW FREE MOVEMENT OF THE CEILING X-RAY TUBE STAND.

X-RAY TUBE SHOWN AT 45°, 72° & 118° SID POSITIONS TO WALL STAND

NOTE: THE PARKING POSITION FOR THE CEILING STAND TRANSVERSE BRIDGE WILL BE AT THE HEAD-END OF THE ROOM.

THIS LAYOUT IS NOT REFLECTIVE OF THE LATEST SALES QUOTE AVAILABLE AT THE TIME OF DRAWING. IT HAS BEEN MODIFIED TO REFLECT ANTICIPATED CHANGES TO YOUR CONFIGURATION. IF REQUESTED CHANGES ARE NOT IMPLEMENTED A REVISION WILL BE REQUIRED. PLEASE ENSURE THAT ANY CONFIGURATION CHANGES ARE COMPLETED PRIOR TO REQUESTING FINAL DRAWINGS.

ARCHITECTURAL EQUIPMENT PLAN

SCALE: 1/4" = 1'-0"

CASEWORK & ACCESSORY NOTES

1. 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.
2. THE SOUND SYSTEM AND INTERCOM BETWEEN THE EXAMINATION AND CONTROL ROOMS ARE TO BE LOCATED, FURNISHED AND INSTALLED BY THE CUSTOMER/CONTRACTOR.
3. ALL FURNITURE (CHAIRS, ETC.) FOR THE CONTROL ROOM ARE TO BE PROVIDED BY THE CUSTOMER.

STATE AGENCY REVIEW

PRIOR TO SIEMENS EQUIPMENT INSTALLATION, APPROVAL OF CONSTRUCTION OR STRUCTURAL MODIFICATIONS UTILIZING X-RAY FOR DIAGNOSTIC OR THERAPEUTIC PURPOSES, MUST BE OBTAINED BY THE CUSTOMER FROM THE APPROPRIATE STATE AGENCY, IF APPLICABLE.

WIRELESS DETECTOR CONNECTION

OPERATION OF THE WIRELESS DETECTOR CAN BE AFFECTED BY OTHER WLAN DEVICES IN THE VICINITY OF THIS INSTALLATION. TO AVOID ANY CONFLICTS, THE CUSTOMER MUST PROVIDE A LIST OF EXISTING WLAN CHANNELS (FREQUENCIES) OR THE SPECIFIC CHANNEL (FREQUENCY) THEY DESIRE TO BE USED FOR THE WIRELESS DETECTOR.

THE WIRELESS CONNECTION IS ENCRYPTED (WPA2) AND IS BASED ON TWO WLAN STANDARDS, WITHIN WHICH SEVERAL CHANNELS (FREQUENCIES) ARE AVAILABLE:

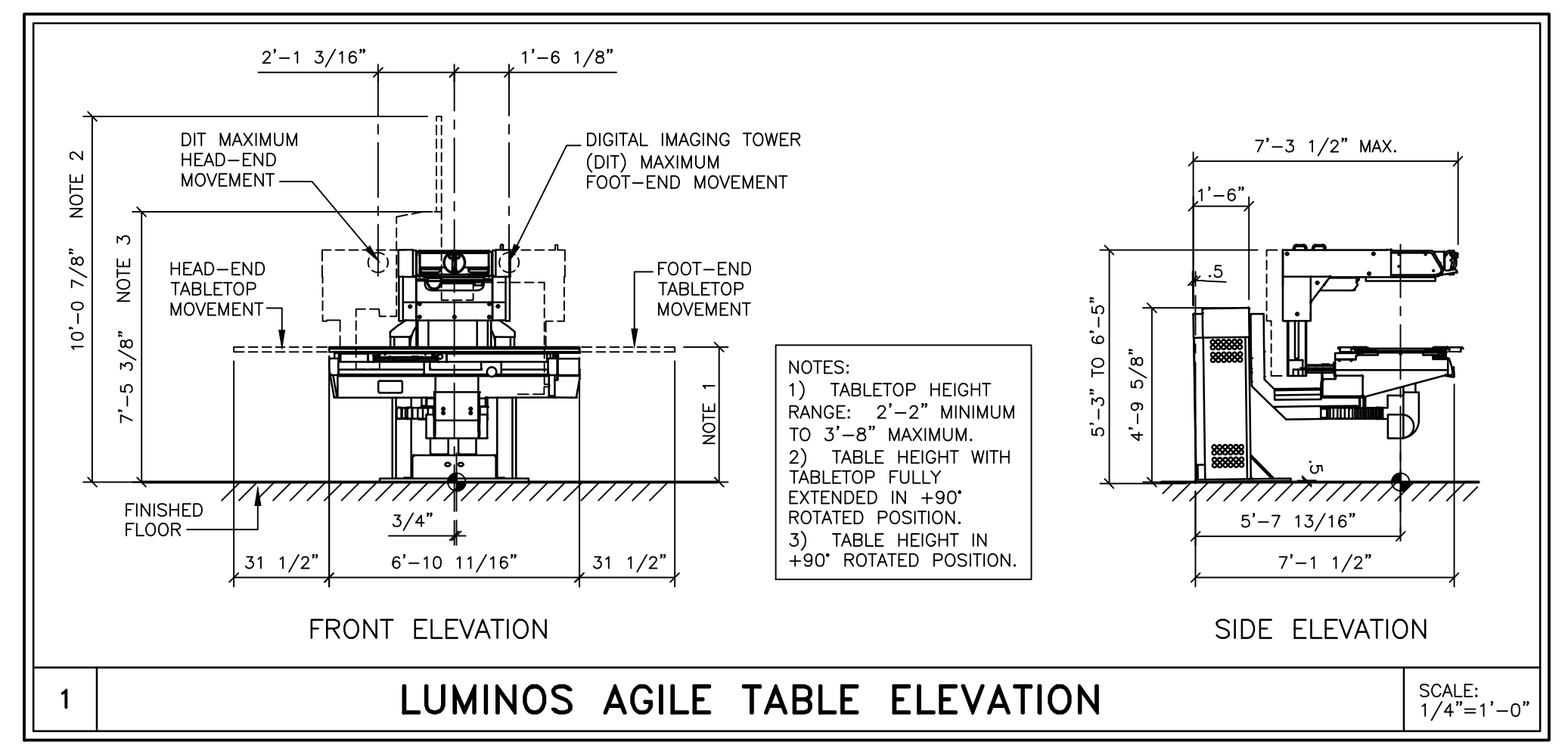
- 1) 11G STANDARD - OPERATES AT 2.5 GHz
- 2) 11A STANDARD - OPERATES AT 5 AND 6 GHz

THE STANDARD (11G OR 11A) CAN BE SET BY SIEMENS SERVICE VIA THE SERVICE SOFTWARE INSTALLED ON THE IMAGING SYSTEM.

THE WIRELESS CONNECTION IS ONLY USED TO TRANSFER DATA BETWEEN SIEMENS EQUIPMENT AND IS NOT USED TO SEND DATA TO THE CUSTOMER'S NETWORK.

SITE READINESS GUIDELINES

- THE FOLLOWING GENERAL CONDITIONS ARE NECESSARY TO HAVE THE STATUS OF "READY SITE":
- 1) PROPER POWER AVAILABLE AT SIEMENS EQUIPMENT POWER CABINET LOCATION AND ALL POWER OUTLETS FUNCTIONING.
 - 2) AIR CONDITIONING/HUMIDIFICATION SYSTEMS COMPLETE, TESTED, AND FUNCTIONING PROPERLY ACCORDING TO SIEMENS SPECIFICATIONS.
 - 3) PROPER LIGHTING INSTALLED AND FUNCTIONING.
 - 4) PLUMBING COMPLETE EXCEPT FOR ANY FINAL CONNECTIONS TO SIEMENS EQUIPMENT.
 - 5) ALL CABLE TRAYS/DUCTS/CONDUITS CORRECTLY SIZED, LOCATED, AND INSTALLED ACCORDING TO THE SIEMENS DRAWINGS.
 - 6) ALL REINFORCEMENT PLATES/UNISTRUT INSTALLED AS REQUIRED.
 - 7) ROOM FOR EQUIPMENT INSTALLATION AND IMMEDIATE VICINITY IS DUST-FREE AND IS TO REMAIN SO FOR THE DURATION OF THE INSTALLATION.
 - 8) A SECURE AREA (APPROXIMATELY 10' x 10') IS AVAILABLE AT EQUIPMENT DELIVERY FOR PARTS AND INSTALLATION TOOLS.
 - 9) CUSTOMER APPROVAL FOR SIEMENS REMOTE SERVICES (SRS) CONNECTION, AND CUSTOMER'S I.T. CONTACT INFORMATION AND IP ADDRESSES ESTABLISHED.
 - 10) WALLS TO BE PRIMED AND PAINTED, FLOORS TO BE TILED EXCEPT IN AREAS OF THE EQUIPMENT BASE PLATES.
- IF THESE CONDITIONS ARE NOT MET, THE SIEMENS PROJECT MANAGER AND THE DESIGNATED SIEMENS INSTALLATION SUPERVISOR SHALL RESCHEDULE THE INSTALLATION START DATE. NOTE: ADDITIONAL COST MAY BE INCURRED BY THE CUSTOMER/CONTRACTOR AND DELIVERY DATES MAY NEED TO BE RESCHEDULED, WHEN THE SIEMENS SITE READINESS GUIDELINES ARE NOT MET.



ATTENTION:

- THIS DRAWING IS DESIGNED TO CONFORM TO FEATURES AND EQUIPMENT REQUIREMENTS PRESENTED AT THE TIME OF THEIR PREPARATION. SINCE BOTH THESE FACTORS ARE SUBJECT TO DESIGN MODIFICATION, THEY ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES.
- THIS SET OF PLANS REPRESENTS A COMPLETE SET OF DETAILS AND SHOULD NOT BE SEPARATED.

- IT IS RECOMMENDED THAT THE SIEMENS DRAWINGS BE INCORPORATED WITH THE CONSTRUCTION DOCUMENTS FOR REFERENCE.

- ALL DIMENSIONS SHOWN ON THIS DRAWING ARE FROM FINISHED SURFACES.
- THIS DRAWING DOES NOT PROVIDE RADIATION SHIELDING REQUIREMENTS FOR X-RAY AND ASSOCIATED EQUIPMENT. THE CUSTOMER IS RESPONSIBLE FOR CONSULTING WITH A REGISTERED RADIATION PHYSICIST TO SPECIFY RADIATION PROTECTION.

SYM	DATE	DESCRIPTION
10/21/16	R-101 VERSION A DATED 04/07/16 APPROVED BY CUSTOMER FOR FINALS.	

ALL RIGHTS ARE RESERVED.