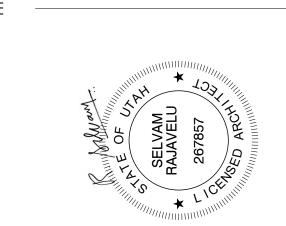
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STRUCTURAL NOTES) THE CUSTOMER/CONTRACTOR SHALL FURNISH AND INSTALL ALL STRUCTURAL SUPPORT MEMBERS AND NEEDED HARDWARE FOR THE INSTALLATION OF THE SIEMENS EQUIPMENT. 2) THE OVERHEAD STRUCTURAL SUPPORT SYSTEM SHALL BE FIXED, RIGID AND BRACED FOR SWAY.) ALL STRUCTURAL SUPPORT MEMBERS SHALL BE TRUE, SQUARE, LÉVEL, PARALLEL AND COPLANAR WITH RESPECT TO EACH OTHER, WITH A HORIZONTAL STRUCTURAL SUPPORT MEMBER TO BE LOCATED AND SET 4) ALL STRUCTURAL SUPPORT DETAILS SHOWN ARE SAMPLE DETAILS BASED UPON TYPICAL AND STANDARD BUILDING PRACTICES AND ARE NOT INTENDED AS ACTUAL CONSTRUCTION DETAILS. ALL CONSTRUCTION DETAILS AND SUPPORT CALCULATIONS SHALL BE PREPARED BY A PROFESSIONAL STRUCTURAL ENGINEER AT THE CUSTOMER'S EXPENSE. IN THE EVENT AN EXISTING SUPPORT SYSTEM IS TO BE USED, IT WILL BE THE CUSTOMER'S RESPONSIBILITY TO VERIFY THE INTEGRITY OF THAT 5) MOUNTING PLATES, FRAMES, AND HARDWARE SUPPLIED BY SIEMENS AS DETAILED IN THIS DRAWING SET ARE INSTALLED BY SIEMENS UNLESS OTHERWISE REQUIRED, ANY DEVIATION FROM THE PROVIDED MATERIALS OR MOUNTING METHODS MUST BE DESIGNED AND DOCUMENTED BY THE STRUCTURAL ENGINEER OF RECORD. ALTERNATE MOUNTING MATERIALS (I.E. ANCHORS, THREADED ROD, BACKING PLATES, ETC.) MUST BE SUPPLIED BY THE CUSTOMER/CONTRACTOR. SIEMENS MAY REQUIRE ASSISTANCE FROM THE CUSTOMER/CONTRACTOR WITH INSTALLATION WHEN UTILIZING ALTERNATE MOUNTING MÁTERIALS. 6) ALL CEILING FIXTURES (I.E. AIR SUPPLY GRILLES, AIR RETURN GRILLES, EXHAUST GRILLES, SPRINKLER HEADS, INCANDESCENT AND FLUORESCENT LIGHT FIXTURES, INTERCOM SPEAKERS, MEDICAL GAS COLUMNS, ETC.) SHALL BE INSTALLED FLUSH MOUNTED WITH THE FINISHED CEILING TO PROVIDE FREE AND UNRESTRICTED TRAVEL OF THE SMS CEILING MOUNTED EQUIPMENT. 7) THE BOTTOM SIDE OF THE UNISTRUT CEILING GRID AND ANY CEILING MOUNTED SUPPORT PLATES ARE TO BE INSTALLED FLUSH WITH THE FINISHED CEILING. THE CUSTOMER/CONTRACTOR SHALL ALSO PROVIDE COVERSTRIPS FOR THE UNISTRUT. 8) THE STRUCTURAL PLANNING AS SHOWN ON THE 1/4" STRUCTURAL PLAN HAS BEEN COORDINATED WITH THE EQUIPMENT LOCATION AS SHOWN ON THE 1/4" EQUIPMENT LAYOUT PLAN. FOR THIS REASON, ANY DEVIATIONS FROM THE STRUCTURAL PLANNING AS SHOWN MUST BE APPROVED BY SMS PLANNING DEPARTMENT. 9) THE STRUCTURAL ENGINEER OF RECORD SHALL BE RESPONSIBLE FOR THE DESIGN AND DETAIL OF FLOOR, WALL, AND CEILING STRUCTURES IN ACCORDANCE WITH THE STRUCTURAL INFORMATION SHOWN, AND LOCAL GOVERNING BUILDING CODES. 10) ALL ANCHORS, SUPPORTS AND BRACES FOR SECURING THE SIEMENS EQUIPMENT ON THE UNDERSIDE OF THE CONCRETE SLAB (WHETHER SUPPLIED BY SIEMENS OR CONTRACTOR) SHALL BE SECURED IN A MANNER TO PREVENT THEM FROM FALLING DURING A DE-INSTALLATION.

12" MINIMUM CLEARANCE REQUIRED ABOVE THE CABINETS FOR EXHAUST AIR. ∠WALL ATTACH BRACKETS (9/32" ø MÓUNTING HOLES) SUPPLIED BY SIEMENS SITE-SPECIFIC CONFIGURATION SCALE: ELECTRONIC CABINET INSTALLATION

GENERAL PATIENT TABLE NOTES THE PRE-INSTALLATION ITEMS ARE PART OF THE PRE-INSTALLATION THE PRE-INSTALLATION KIT CONTAINS THE MOUNTING PLATE WITH INSTALLATION HARDWARE. THE MOUNTING PLATE FOR THE PATIENT TABLE MUST BE INSTALLED ON A SOLID BASE THAT HAS SUFFICIENT LOAD CAPACITY. CUT AWAY THE FLOOR COVERING, IF NECESSARY, ANY MATERIAL IN THE LOCATION OF THE MOUNTING PLATES THAT DOES NOT HAVE THE REQUIRED LOAD CAPACITY MUST BE REPLACED WITH FILLED HILTI HEAVY DUTY EXPANSION ANCHORS ARE INCLUDED IN THE SHIPMENT FOR INSTALLING THE MOUNTING PLATE. IF NECESSARY, THE MOUNTING PLATES CAN ALSO BE INSTALLED USING M12 THREADED STUDS. MINIMUM HARDNESS RATED 8.8 PER THE ISO NORM, WHICH ARE INSERTED THROUGH THE CEILING OF THE ROOM BELOW

ALL WORK FOR SECURING THESE MOUNTS SHALL BE BY THE

(THREADED STUDS, ETC. MUST BE OBTAINED LOCALLY). PATIENT TABLE TENSION LOADS MOUNTING PLATE ON SOLID CONCRETE. FOOT-END LOAD PER INSTALLATION PLATE MOUNTING POINT: MAXIMUM

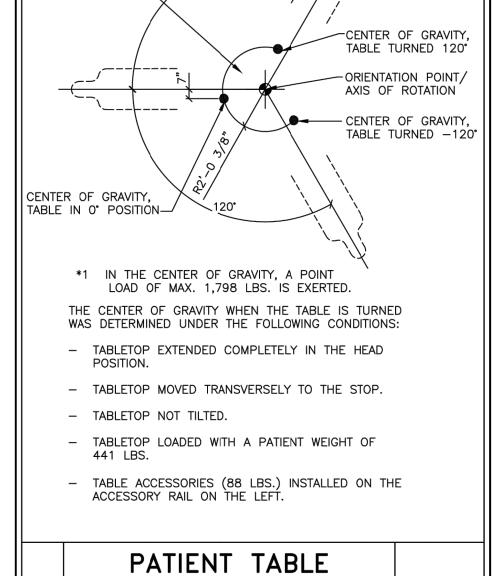
_ WALL BACKING FOR CR1 BOX MOUNTING SUPPLIED/DESIGNED/INSTALLED BY CUSTOMER/CONTRACTOR. 3'-5 1/2" CONTROL COUNTER SUPPLIED/INSTALLED BY CUSTOMER/CONTRACTOR -SIEMENS SUPPLIED/INSTALLED CONTROL ROOM DISTRIBUTOR (CR1) (64 LBS) 5/8"ø ELECTRICAL FLOOR LINE <u>DETAIL A</u> FRONT VIEW -<u>DETAIL A</u> WALL MOUNTING HOLES (4) SIDE VIEW CONTROL ROOM DISTRIBUTOR (CR1)

ROJECT MANAGER: CHRISTOPHER THOMAS L: (801) 209-6582 MAIL: CHRISTOPHER.THOMAS@SIEMENS-HEALTHINEERS.COM INTERMOUNTAIN MEDICAL CENTER PROJECT #: THIS TITLE BLOCK WITHOUT SIEMENS AUTHORIZATION WILL R-101R(B) VERSION DATED 03/25/21 APPROVED BY CUSTOMER FOR FINALS RESULT IN PROSECUTION UNDER FULL EXTENT OF THE LAW.

CATH LAB #1 / ARTIS Q.ZEN CEILING 2100316 SHEET OF DRAWN BY:

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TABLE INSTALLATION PLATE WITH THREADED RODS CABLE LED IN THROUGH -AN OPENING IN THE FLOOR INSULATION PARTS SEAL CONTINUOUSLY-WITH HYGIENIC-GRADE ` SILICONE FLOOR COVERING -TABLE MOUNTING PLATE SCALE: NONE FLOATING CENTER OF GRAVITY *1 —



CENTER OF GRAVITY

SOLID CONCRETE

✓ M12 THREADED RODS

SUPPLIED BY

(ISO 8.8 HARDNESS)

CUSTOMER/CONTRACTOR.

- INSTALLATION PLATE

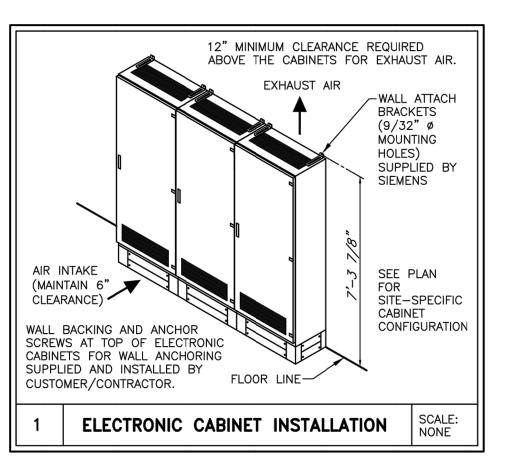


TABLE INSTALLATION PLATE WITH ANCHORS

1'-6 1/16"

SECTION A-D

MOUNTING USING (4) HILTI HEAVY-DUTY EXPANSION ANCHORS,

HSL-3 M12/25, SUPPLIED BY SIEMENS. MINIMUM CONCRETE

MAX. TENSILE FORCE PER MOUNTING POINT: 1,012 LBS.

TABLE MOUNTING PLATE SCALE: NONE

*2 AREA FOR LEADING CABLES INTO TABLE BASE

*4 CABLE LED IN THROUGH AN OPENING IN THE FLOOR

*3 OPENING IN INSTALLATION PLATE

*5 PATIENT TABLE ORIENTATION POINT

INSULATION PARTS

FLOOR COVERING -

QUALITY IS C20/25.

SEAL CONTINUOUSLY—WITH HYGIENIC-GRADE

PLATE SUPPLIED

SIEMENS

AND INSTALLED BY

- INSTALLATION PLATE

TENSILE FORCE 1,012 LBS.

CEILING HEIGHT REQUIREMENT 8 FT. – 11 IN.

ATTENTION:

- IT IS RECOMMENDED THAT THE SIEMENS DRAWINGS BE INCORPORATED WITH THE CONSTRUCTION

THIS DRAWING DOES NOT PROVIDE RADIATION SHIELDING REQUIREMENTS FOR X-RAY AND ASSOCIATED

Siemens Equipment-

SIEMENS

Structural

- 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.

FOR ALL WEIGHTS AND SIZES OF EQUIPMENT SHOWN ON THIS PLAN PLEASE REFER TO THE EQUIPMENT LEGEND ON SHEET A-101.

— ORIENTATION POINT

AT FLOOR

THE CROSS HATCHED AREA IS

C-ARM. FLOOR LEVELNESS IN

S-101

8'-4"

EQUIP

ROOM

MOVEMENT RANGE OF THE

THE HATCHED AREA MUST

NOT EXCEED 5/16" OVER

THE WHOLE RANGE. ----

DETERMINED BY THE

CONTRACTOR TO SUPPLY

AND INSTALL BACKING

MOUNTING ELECTRONIC

INSTALLATION DETAIL THIS

FLUSH MOUNTED FOR

ELECTRONIC CABINET

CABINETS. SEE

STRUCTURAL FLOOR PLAN

OF PATIENT TABLE

- "EXISTING" BACKING IN

- NOTE: THIS WALL AREA BELOW

THE COUNTERTOP MUST REMAIN

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

CLEAR OF OUTLETS, COUNTER

ENABLE THE INSTALLATION OF

SUPPORT BRACKETS, ETC. T

THE "CR1" BOX.

SCRUB

AREA

WALL FOR MOUNTING

DISTRIBUTOR (CR1).

CONTROL ROOM

CONTROL

ROOM

SOILED

UTILITY

DOCUMENTS FOR REFERENCE.

- ALL DIMENSIONS SHOWN ON THIS DRAWING ARE FROM FINISHED SURFACES. EQUIPMENT. THE CUSTOMER IS RESPONSIBLE FOR CONSULTING WITH A REGISTERED RADIATION PHYSICIST TO SPECIFY RADIATION PROTECTION.

DATE DESCRIPTION

-ISSUE BLOCK-

SCALE: REF. #: CPQ-192529

DATE: 04/12/21

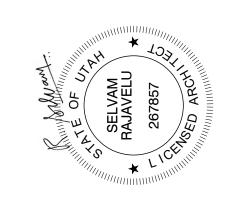
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ABOVE TELESPAR ANCHORING MUST BE DESIGNED, SPECIFIED AND DETAILED BY THE STRUCTURAL ENGINEER OF RECORD. CROSS BRACING AS REQUIRED. — HORIZONTAL UNISTRUT CROSS BRACE TO BE SPECIFIED BY THE STRUCTURAL ENGINEER OF RECORD. —— UNISTRUT CHANNEL -NOTE: UNISTRUT CHANNEL COVERS MUST BE SUPPLIED AND INSTALLED BY CONTRACTOR AFTER EQUIPMENT HAS BE MOUNTED TO THE CEILING. THIS DETAIL SHOWS A UNIVERSAL TELESPAR DROP THAT IS TYPICAL OF THE STRUCTURAL SUPPORT SYSTEM USED FOR CEILING MOUNTED IMAGING EQUIPMENT. THE ACTUAL STRUCTURAL SUPPORT SYSTEM MUST BE DESIGNED, DETAILED AND SPECIFIED BY THE STRUCTURAL ENGINEER OF RECORD. UNLESS OTHERWISE SPECIFIED, THE CUSTOMER/ CONTRACTOR SHALL SUPPLY AND INSTALL ALL SUPPORT MEMBERS AND NEEDED HARDWARE. IN THE EVENT AN EXISTING SUPPORT SYSTEM IS TO BE USED, IT WILL BE THE CUSTOMER'S RESPONSIBILITY TO VERIFY THE INTEGRITY OF THAT SYSTEM. SEE THE 1/4" SCALE PLAN FOR LOCATIONS AND SPACING OF UNISTRUT CHANNELS. SCALE: NONE UNISTRUT DETAIL

CENTERLINE OF RAIL MOUNTING POINT PER MOUNTING 7 (SEE DETAIL #1 -UNISTRUT CHANNEL, THIS SHEET) SUPPLIED AND INSTALLED BY CUSTOMER/ CONTRACTÓR. TYPICAL MOUNTING DETAIL CEILING RAILS

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2100316

SHEET OF DRAWN BY:

4 7 O. CARRILLO

PROJECT #:

o DATE: 04/12/21

STRUCTURAL ENGINEER OF RECORD) MOUNTED FLUSH

WITH FINISHED CEILING. MUST BE LEVEL AS SPECIFIED BY SIEMENS ON STRUCTURAL NOTES AND DETAILS.

ALL STRUCTURAL SUPPORT DETAILS SHOWN ARE SAMPLE
DETAILS BASED UPON TYPICAL AND STANDARD BUILDING PRACTICES

AT THE CUSTOMER'S EXPENSE. IN THE EVENT AN EXISTING SUPPORT SYSTEM IS TO BE USED, IT WILL BE THE CUSTOMER'S RESPONSIBILITY TO VERIFY THE INTEGRITY OF THAT SYSTEM.

ROJECT MANAGER: CHRISTOPHER THOMAS

MAIL: CHRISTOPHER.THOMAS@SIEMENS-HEALTHINEERS.COM

L: (801) 209-6582

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SCALE: REF. #: CPQ-192529

AND ARE NOT INTENDED AS ACTUAL CONSTRUCTION DETAILS. ALL CONSTRUCTION DETAILS AND SUPPORT CALCULATIONS SHALL BE PREPARED BY A PROFESSIONAL STRUCTURAL ENGINEER

R-101R(B) VERSION DATED 03/25/21 APPROVED BY CUSTOMER FOR FINALS

DESCRIPTION

-ISSUE BLOCK-

DATE

CEILING OUTLET SUPPORTS

CEILING

HEIGHT

REQUIREMENT

8 FT. - 11 IN.

THIS DRAWING DOES NOT PROVIDE RADIATION SHIELDING REQUIREMENTS FOR X-RAY AND ASSOCIATED

EQUIPMENT. THE CUSTOMER IS RESPONSIBLE FOR CONSULTING WITH A REGISTERED RADIATION

- ALL DIMENSIONS SHOWN ON THIS DRAWING ARE FROM FINISHED SURFACES.

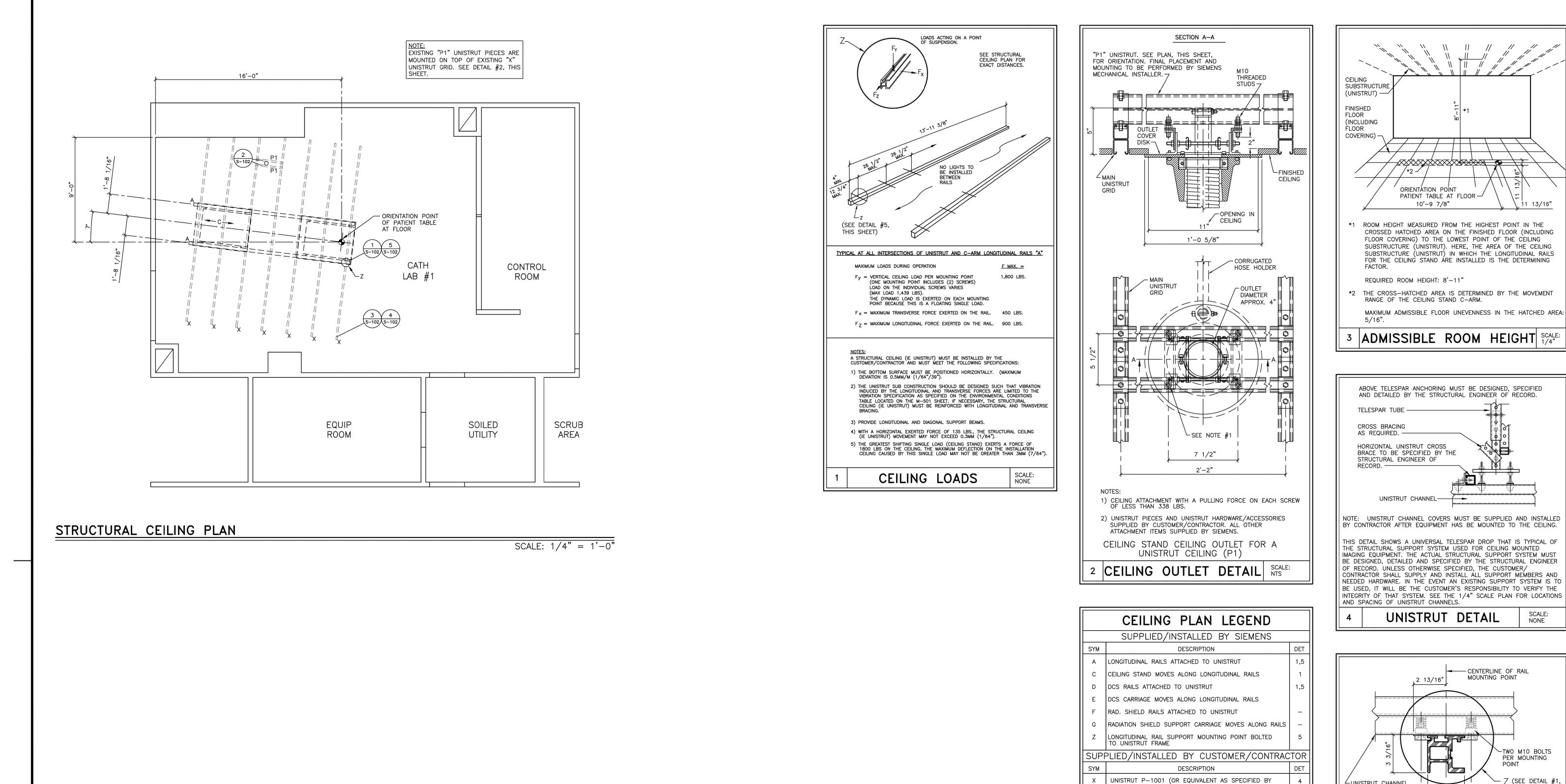
PHYSICIST TO SPECIFY RADIATION PROTECTION.

SIEMENS INTERMOUNTAIN MEDICAL CENTER

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Structural

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DOCUMENTS FOR REFERENCE.

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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.

ATTENTION:



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ELECTRICAL NOTES 1) COMPLIANCE: ELECTRICAL WORK SHALL BE IN COMPLIANCE WITH THE NATIONAL ELECTRICAL CODE (NFPA-70), O.S.H.A. REGULATIONS, AS WELL AS APPLICABLE REGULATIONS OF CITY, COUNTY, STATE AND FEDERAL AGENCIES. PROVIDE MATERIALS AND EQUIPMENT THAT COMPLY WITH ANSI, IEEE AND NEMA STANDARDS AND ARE U.L. LISTED AND LABELED. THE CUSTOMER'S/CONTRACTOR'S WORK AND ALL EQUIPMENT INSTALLED SHALL COMPLY WITH THE CURRENT EDITION OF THE NATIONAL ELECTRICAL CODE ADOPTED/ENFORCED BY THE AUTHORITY HAVING JURISDICTION. 2) QUALITY ASSURANCE: THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN THE FIELD TO INSURE THAT THE NEW WORK WILL FIT INTO THE EXISTING STRUCTURE AS SHOWN ON THE DRAWINGS. SHOULD ANY CONDITIONS EXIST OR BE DISCOVERED THAT PREVENT THE INSTALLATION OF WORK AS SHOWN, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE PRIOR TO FABRICATION OF EQUIPMENT, OR THE PERFORMANCE OF ANY WORK THAT MAY BE AFFECTED. DO NOT ALTER DRAWINGS, DIMENSIONS, OR SPECIFICATIONS IN ANY WAY WITHOUT CONTACTING AND RECEIVING WRITTEN CONFIRMATION FROM SIEMENS PROJECT MANAGER. ALL DIMENSIONS ARE FROM FINISHED SURFACES. CONDUIT AND PULL BOXES TO BE INSTALLED BY THE CUSTOMER/CONTRACTOR WITH LOCATIONS BEING FIELD VERIFIED BY THE SIEMENS PROJECT MANAGER. 3) POWER SUPPLY SOURCE: POWER SUPPLIES FOR SIEMENS HEALTHCARE EQUIPMENT SHALL BE FROM A MEDICAL IMAGING PANEL OR BUILDING SERVICE EQUIPMENT THAT IS A GROUNDED 3 OR 4-WIRE 'WYE' SOURCE PER THE SPECIFIC EQUIPMENT OPERATION REQUIREMENTS. A DEDICATED CIRCUIT SHALL BE PROVIDED THAT IS KEPT ENTIRELY FREE AND INDEPENDENT OF ALL OTHER BUILDING WIRING. NO ELEVATORS, GENERATORS, PUMPS, HVAC OR SIMILAR EQUIPMENT SHALL BE CONNECTED TO THE SAME CIRCUIT OR MEDICAL IMAGING PANEL THAT SERVES THE SIEMENS HEALTHCARE EQUIPMENT. IF THE POWER SUPPLY SOURCE DOES NOT MEET THE SPECIFIC SIEMENS EQUIPMENT POWER REQUIREMENTS, THE CONTRACTOR SHALL PROVIDE THE NECESSARY EQUIPMENT REQUIRED TO ESTABLISH THE POWER SUPPLY IN ACCORDANCE WITH THE REQUIRED POWER SUPPLY PARAMETERS OF THE

ACCESS PANELS, EMERGENCY OFF BUTTONS, DOOR SWITCHES, WARNING LIGHTS, WIRING, WIRING DEVICES, CONNECTORS, LIGHTING EQUIPMENT AND GROUNDING. 5) RACEWAY AND CONDUIT NOTES: ALL CONDUITS SHALL BE INSTALLED IN COMPLIANCE WITH THE CURRENT ENFORCED EDITION OF THE NATIONAL ELECTRICAL CODE. CONDUIT BODIES SHALL NOT BE USED. WHERE A CONDUIT ENTERS A BOX, FITTING, OR OTHER ENCLOSURE, AN INSULATED THROAT CONNECTOR SHALL BE PROVIDED TO PROTECT THE WIRE FROM ABRASION. ALL CONNECTORS FOR EMT SHALL BE COMPRESSION OR DOUBLE SET SCREW KEEP RACEWAYS AT LEAST 6 INCHES AWAY FROM PARALLEL RUNS OF FLUES OR STEAM AND HOT WATER PIPES. INSTALL RACEWAY RUNS ABOVE WATER AND STEAM PIPES PROVIDED THAT CABLE RUN DISTANCES ARE MAINTAINED. USE TEMPORARY CLOSURES TO PREVENT FOREIGN MATTER FROM ENTERING RACEWAY.

SIEMENS EQUIPMENT. THE CONTRACTOR SHALL COORDINATE THIS WORK WITH

4) WORK FURNISHED BY CUSTOMER/CONTRACTOR: WORK NOT PROVIDED BY SIEMENS HEALTHCARE BUT SHOWN ON DRAWINGS TO BE FURNISHED AND INSTALLED BY CUSTOMER/CONTRACTOR INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING, UNLESS NOTED OTHERWISE: ELECTRICAL RACEWAYS AND DUCTS, WIRING TROUGHS, PULL BOXES, CONDUITS, CIRCUIT BREAKERS,

THE CUSTOMER AND/OR UTILITY COMPANY FIELD REPRESENTATIVE.

CONDUIT RUNS ARE SHOWN SCHEMATICALLY. INSTALL CONDUIT WITH A MINIMUM OF BENDS IN THE SHORTEST PRACTICAL DISTANCE CONSIDERING THE BUILDING CONSTRUCTION AND OBSTRUCTIONS, EXCEPT AS OTHERWISE INDICATED. THE CONTRACTOR SHALL MAKE CERTAIN THAT ANY CONDUIT/RACEWAY RUNS CONTAINING SIEMENS HEALTHCARE CABLES DO NOT EXCEED THE SPECIFIED MAXIMUM DISTANCES AS SHOWN ON THE ELECTRICAL DETAILS. LISTED CONDUIT SIZES FOR SIEMENS-SUPPLIED CABLES MUST BE MAINTAINED IN ORDER TO ENABLE THE TOTAL CABLE BUNDLE INCLUDING CONNECTORS TO BE PULLED THROUGH WITHOUT DAMAGE. PROVIDE ENCLOSED METAL WIRE DUCT RACEWAY SYSTEM WHERE SHOWN ON DRAWINGS WITH DIVIDERS TO SEPARATE THE DUCT INTO TWO OR THREE SEPARATE COMPARTMENTS AS SHOWN ON THE SIEMENS PLANS (FOR POWER AND SIEMENS HEALTHCARE CABLING). DIVIDERS AND CROSSOVER PIECES TO BE PROVIDED AS NECESSARY. THE CABLE TO CABLE AS WELL AS THE CIRCUIT TO CIRCUIT SEPARATION REQUIREMENT WAS EVALUATED DURING THE UL SYSTEM CERTIFICATION OF THE EQUIPMENT. ADDITIONAL SEPARATION OF THE SYSTEM CABLE ASSEMBLIES INTO SEPARATE OR PARTITIONED RACEWAYS, UNLESS OTHERWISE NOTED, IS NOT NECESSARY TO INSURE SEPARATION OF

PROVIDE WIRE DUCT/RACEWAY WITH ACCESSIBLE REMOVABLE COVERS. LOCATIONS OF BUILDING MATERIAL OPENINGS (I.E. ACCESS PANELS) TO BE CUT IN FIELD ARE TO BE COORDINATED WITH THE DRAWING REQUIRMENTS AND BUILDING STRCTURE. THOSE THAT ARE NOT INDICATED OR INTERFER WITH BUILDING ELEMENTS SHALL BE COORDINATED WITH SIEMENS PROJECT MANAGER. ELECTRICAL PULL BOXES AND RACEWAY COVERS SHALL BE INSTALLED IN A MANNER TO ALLOW ACCESSIBILITY FOR INSTALLATION AND MAINTENANCE. CONTRACTORS MUST PROVIDE PULL STRINGS FOR ALL CONDUIT AND WIRE DUCT/RACEWAY. IN-FLOOR TRENCH DUCT AND FLUSH FLOOR BOXES SHALL BE PROVIDED WITH FULLY GASKETED REMOVABLE COVERS. WHEN JUNCTION BOXES AND WIRE DUCT/RACEWAY ARE MOUNTED HIGHER THAN 14 FEET ABOVE FINISHED FLOOR, THE ELECTRICAL CONTRACTOR SHALL PROVIDE TWO ELECTRICIANS TO HELP THE SIEMENS INSTALLERS PULL SIEMENS SUPPLIED CABLES AT CUSTOMER'S EXPENSE. WHEN JUNCTION BOXES AND WIRE DUCT/RACEWAY ARE MOUNTED ABOVE A HARD CEILING (I.E. SHEET ROCK), A 24" x 24" ACCESS PANEL IS REQUIRED AT EACH JUNCTION BOX AND WITHIN 2 FEET OF EACH RACEWAY TRANSITION (SUCH AS A 90 DEGREE ELBOW OR TEE) IN DUCT/RACEWAY. THERE MUST BE FREE AND CLEAR ACCESS TO JUNCTION BOXES AND WIRE DUCT/RACEWAY. WHEN ACCESS PANELS ARE LOCATED MORE THAN 3 FEET FROM JUNCTION BOXES AND WIRE DUCT/RACEWAY THE ELECTRICAL CONTRACTOR SHALL PROVIDE TWO ELECTRICIANS TO HELP SIEMENS INSTALLERS PULL SIEMENS SUPPLIED CABLES AT CUSTOMER'S EXPENSE. 6) WIRING: ALL WIRING INSTALLED SHALL BE 600 VOLT CLASS, STRANDED

INSTALLED IN METAL RACEWAYS. THE CUSTOMER/CONTRACTOR SHALL LEAVE A MINIMUM 10 FEET OF WIRE TAILS AT ALL OUTLET POINTS WITH WIRE IDENTIFICATION TAGGED AT BOTH ENDS FOR FINAL CONNECTION BY THE CUSTOMER/ELECTRICAL CONTRACTOR. 7) SHORT CIRCUIT REQUIREMENTS: ALL CIRCUIT BREAKERS SUPPLIED FOR THE SIEMENS EQUIPMENT REQUIREMENTS SHALL BE RATED HIGHER THAN THE SHORT CIRCUIT AVAILABLE AT THE TERMINALS OF THE ELECTRICAL EQUIPMENT AS DETERMINED BY THE ENGINEER OF RECORD, BUT NOT LESS THAN 35,000A RMS SYMMETRICAL AT 480V, 3-PHASE, 60 HERTZ. THE CONTRACTOR SHALL OBTAIN THE CORRECT SHORT CIRCUIT CURRENT RATING OF ALL THE NEW EQUIPMENT FOR INSTALLATION FROM THE ENGINEER OF RECORD.

TYPE THHN/THWN-2, SINGLE CONDUCTOR ANNEALED COPPER FOR A MAXIMUM OPERATING TEMPERATURE OF 90° C (194° F), SIZED AS INDICATED,

CONDUIT LENGTH CALCULATIONS IF SITE—SPECIFIC CONDITIONS EXCEED THE FOLLOWING ASSUMED

VALUES, THEN ADDITIONAL LENGTH MUST BE SUBTRACTED BY THE ELECTRICAL CONTRACTOR FROM THE MAXIMUM CONDUIT LENGTHS IF DUCT LOCATIONS ARE ALTERED FROM THE SHOWN LAYOUT, IT

IS THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO RECALCULATE THE MAXIMUM CONDUIT LENGTHS. ASSUMED VALUES USED IN CALCULATING STATED MAXIMUM CONDUIT LENGTHS: | VERTICAL DUCTS - 12'-0" FLOOR PENETRATIONS - 3'-0"

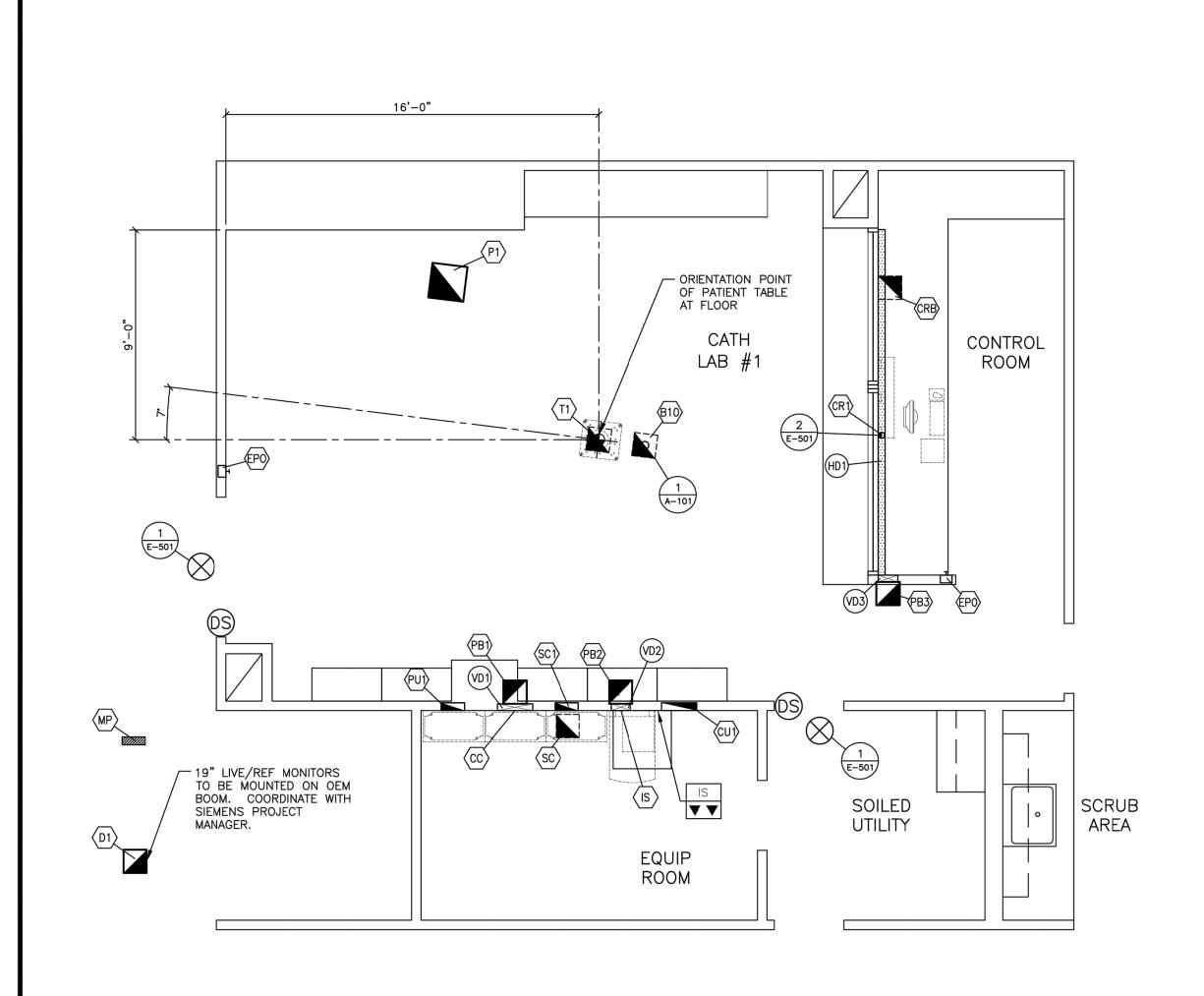
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Siemens Equipment-Electrical



ELECTRICAL DIMENSION PLAN SCALE: 1/4" = 1'-0'

		ELECTRICAL LEGEND	
SYM	SIZE	DESCRIPTION SUPPLIED AND INSTALLED BY CUSTOMER/CONTRACTOR	REMARKS
(E10)	EXISTING	PULL BOX MOUNTED BELOW FINISHED FLOOR WITH REMOVABLE BOTTOM COVER; WITH 4"Ø SLEEVE FROM BOX TO FLUSH WITH FINISHED FLOOR. EXISTING STAINLESS STEEL WATERPROOF PLATE ON TOP OF CORED OPENING IN FLOOR.	TABLE ACCESSORIES
<u>@</u>	EXISTING	BUSHED OPENING IN VERTICAL DUCT "VD1" COVER AT FLOOR LINE.	CABLE CABINET
(CRT)	EXISTING	BUSHED OPENING IN TOP OF HORIZONTAL DUCT "HD1".	CONTROL ROOM DISTRIBUTOR
(RB)	EXISTING	PULL BOX MOUNTED BELOW FINISHED FLOOR WITH REMOVABLE BOTTOM COVER; WITH 3" CONDUIT(S) FROM BOX TO FLUSH WITH FINISHED FLOOR WITH BUSHING AT FLOOR LINE.	CONTROL ROOM UNDER-FLOOR BOX
(II)	EXISTING	PULL BOX MOUNTED FLUSH IN FINISHED WALL AT FLOOR LINE; WITH REMOVABLE FRONT COVER AND (1) 4"ø BUSHING IN CENTER OF REMOVABLE COVER FOR CABLE EXIT.	COOLING UNIT
(D)	AS REQUIRED	PULL BOX MOUNTED ABOVE FINISHED CEILING WITH REMOVABLE BOTTOM COVER WITH 3"Ø BUSHED OPENING. NOTE: IF LOCAL CODES REQUIRE COMPLETE CABLE CONTAINMENT IN RACEWAY, THIS BOX MUST BE SIZED SUCH THAT A 8" X 6" X 3" SIEMENS POWER DISTRIBUTION BOX CAN BE INSTALLED INSIDE THIS PULL BOX.	BOOM DVI 2xBWD-19D (live+ref)
(P)		EMERGENCY OFF BUTTONS FOR CIRCUIT BREAKERS. EPO'S MUST PREVENT RESETTING OF CIRCUIT BREAKERS WHEN IN OFF POSITION. EPO'S MUST BE RECESSED OR SHIELDED. FINAL LOCATION DETERMINED BY CUSTOMER	EMERGENCY POWER OFF
(IS)	EXISTING	BUSHED OPENING IN VERTICAL DUCT "VD3" COVER AT FLOOR LINE.	IMAGE SYSTEM
₩P		MAIN PANEL WITH MAIN BREAKER. LOCATION DETERMINED BY CUSTOMER/CONTRACTOR. SEE "POWER SCHEDULE"	BREAKER PANEL
®	EXISTING	PULL BOX MOUNTED ABOVE AND CONNECTING TO VERTICAL DUCT "VD1".	PULL BOX
(B2)	EXISTING	PULL BOX MOUNTED ABOVE AND CONNECTING TO VERTICAL DUCT "VD2".	PULL BOX
®	EXISTING	PULL BOX MOUNTED ABOVE AND CONNECTING TO VERTICAL DUCT "VD3".	PULL BOX
(P)	EXISTING	PULL BOX MOUNTED ABOVE FINISHED CEILING; WITH REMOVABLE BOTTOM COVER WITH 8"Ø BUSHED OPENING.	C-ARM
(M)	EXISTING	PULL BOX MOUNTED FLUSH IN FINISHED WALL AT FLOOR LINE; WITH REMOVABLE FRONT COVER WITH 4"Ø BUSHED OPENING AT BOTTOM OF COVER.	GENERATOR
(CD)	EXISTING	PULL BOX MOUNTED FLUSH IN FINISHED WALL AT FLOOR LINE; WITH REMOVABLE FRONT COVER WITH 4"Ø BUSHED OPENING AT BOTTOM OF COVER.	SYSTEM CABINET
<u>\$\$</u>	EXISTING	PULL BOX MOUNTED BELOW FINISHED FLOOR WITH REMOVABLE BOTTOM COVER. PROVIDE 6"Ø CONDUIT FROM EXISTING BOX TO FLUSH WITH FINISHED FLOOR WITH BUSHING AT FLOOR LINE.	SYSTEM CABINET
11)	EXISTING	PULL BOX MOUNTED BELOW FINISHED FLOOR WITH REMOVABLE BOTTOM COVER; WITH 4"Ø SLEEVE FROM BOX TO FLUSH WITH FINISHED FLOOR WITH BUSHING AT FLOOR LINE.	TABLE
(HDI)	EXISTING	HORIZONTAL DUCT MOUNTED ON FINISHED WALL AT FLOOR LINE (WITH REMOVABLE FRONT COVER); CONNECTED TO VERTICAL DUCT "VD3" AS SHOWN.	HORIZONTAL WALL DUCT
(10)	EXISTING	VERTICAL DUCT MOUNTED FLUSH IN FINISHED WALL; BEGINNING AT FLOOR LINE AND EXTENDING UP WALL ABOVE FINISHED CEILING. DUCT EXTENDS TO "PB1" FOR CONDUIT TRANSITIONS.	VERTICAL DUCT
W2/W3	EXISTING	VERTICAL DUCT MOUNTED FLUSH IN FINISHED WALL; BEGINNING DUCT AT FLOOR LINE AND EXTENDING UP WALL ABOVE FINISHED CEILING. DUCT EXTENDS TO "PB2" & "PB3" FOR CONDUIT TRANSITIONS.	VERTICAL DUCT
1	3"ø	CONDUIT FROM "PB1" (SC1) TO "D1"	MAX. CONDUIT LENGTH 47'
2	2 1/2"ø	CONDUIT FROM "PB2" (IS) TO "D1" (NOT WITH DCS LD)	MAX. CONDUIT LENGTH 58'
3	3"ø	CONDUIT FROM "T1" TO "B10" UNDER FLOOR	

2"ø CONDUIT FROM "PB2" (IS) TO "CUSTOMER MONITOR" (LIVE+REF VIDEO TO OEM OPTION)

SYMBOLS ALL MAY NOT APPLY CIRCUIT BREAKER BY CUSTOMER/CONTRACTOR OPENING IN RACEWAY OR TRENCHDUCT PULLBOX IN (FLOOR/WALL/CEILING) OPENING IN ACCESS FLOORING WARNING LIGHT (X-RAY ON) DOOR SAFETY SWITCH (EPO) EMERGENCY POWER OFF BUTTON TRENCH DUCT CEILING DUCT UNDER FLOOR DUCT SURFACE DUCT VERTICAL DUCT ETHERNET CONNECTION TO CUSTOMER'S INFORMATION SYSTEMS NETWORK (VERIFY WITH SMS PROJECT MANAGER). 110 VOLT, 20 AMP, HOSPITAL GRADE DUPLEX OUTLET 110 VOLT, 20 AMP, HOSPITAL GRADE QUAD OUTLET

CEILING HEIGHT REQUIREMENT 8 FT. - 11 IN.

OJECT MANAGER: CHRISTOPHER THOMAS L: (801) 209-6582 MAIL: CHRISTOPHER.THOMAS@SIEMENS-HEALTHINEERS.COM INTERMOUNTAIN MEDICAL CENTER CATH LAB #1 / ARTIS Q.ZEN CEILING PROJECT #: THIS TITLE BLOCK WITHOUT SIEMENS AUTHORIZATION WILL RESULT IN PROSECUTION UNDER 2100316 R-101R(B) VERSION DATED 03/25/21 APPROVED BY CUSTOMER FOR FINALS FULL EXTENT OF THE LAW. SHEET OF DRAWN BY:
5 7 O. CARRILLO ALL RIGHTS ARE RESERVED. DATE DESCRIPTION

- IT IS RECOMMENDED THAT THE SIEMENS DRAWINGS BE INCORPORATED WITH THE CONSTRUCTION

- ALL DIMENSIONS SHOWN ON THIS DRAWING ARE FROM FINISHED SURFACES. PHYSICIST TO SPECIFY RADIATION PROTECTION.

-THIS DRAWING DOES NOT PROVIDE RADIATION SHIELDING REQUIREMENTS FOR X-RAY AND ASSOCIATED EQUIPMENT. THE CUSTOMER IS RESPONSIBLE FOR CONSULTING WITH A REGISTERED RADIATION

SCALE: REF. #: CPQ-192529

MAX. CONDUIT LENGTH 80'

DATE: 04/12/21

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.

DOCUMENTS FOR REFERENCE.

-ISSUE BLOCK-



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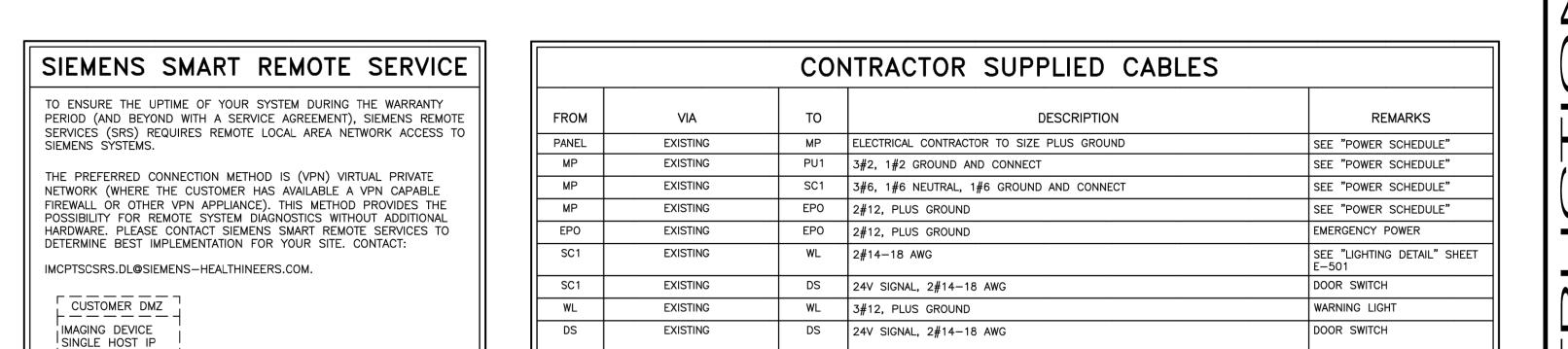
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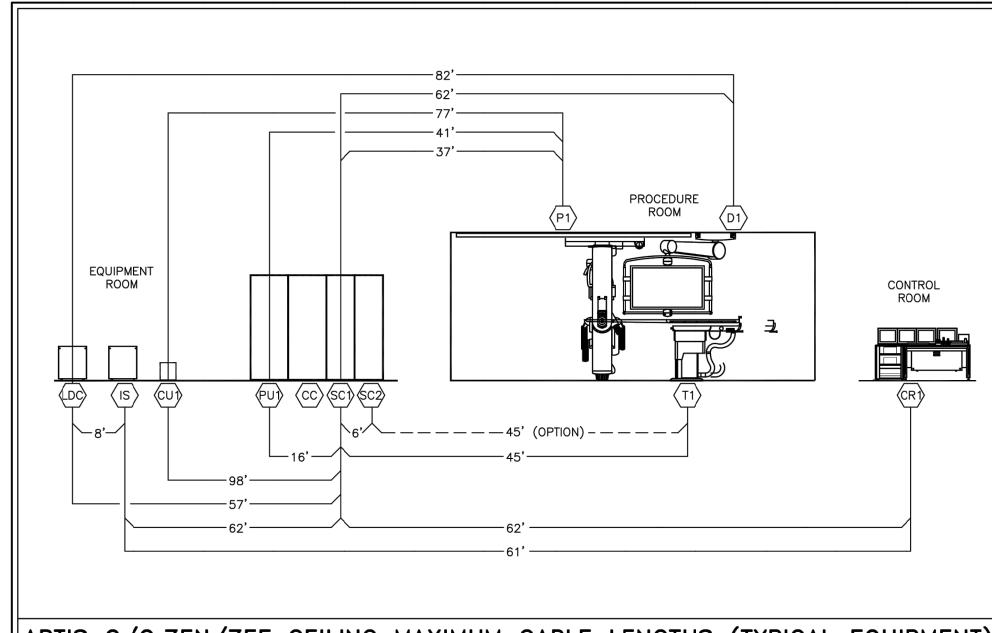
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NJRA Project #



		S	IEMENS SUPPLIED CABLES	
FROM	VIA	ТО	DESCRIPTION	REMARKS
P1	EXISTING	PU1	P1 LEFT SIDE	MAXIMUM LENGTH 41'
P1	EXISTING	PU1	(2) HIGH VOLTAGE CABLES P1 LEFT SIDE	MAXIMUM LENGTH 41'
P1	EXISTING	SC1	P1 LEFT SIDE	MAXIMUM LENGTH 37'
P1	EXISTING	CU1	FOR LIQUID COOLING HOSES (P1 LEFT SIDE)	MAXIMUM LENGTH 77'
SC1	EXISTING	CR1	FOR CONTROL ROOM OPTIONS (CONTROL MODULES, FOOT SWITCH, DISPLAY, ECC)	MAXIMUM LENGTH 62'
SC1	EXISTING	T1	NOT WITH OR TABLE	MAXIMUM LENGTH 45'
SC1	EXISTING	CU1		MAXIMUM LENGTH 98'
SC1	BETWEEN CABINETS	PU1		MAXIMUM LENGTH 16'
SC1	EXISTING	IS	62' CABLES SELECTABLE ON FACTORY CHECKLIST	MAXIMUM LENGTH 28'
SC1	VD1, PB1, 1	D1	USE WITH ANY DCS	MAXIMUM LENGTH 62'
IS	VD2, PB2, 2	D1	NOT WITH DCS LD	MAXIMUM LENGTH 71'
IS	EXISTING	CR1		MAXIMUM LENGTH 61'
IS	EXISTING	CR1		MAXIMUM LENGTH 61'
T1	3	B10	UNDER FLOOR (CONFIRM IF EXISTING ON SITE)	
CRB	EXISTING	B10	CUSTOMER PATIENT MONITORING, ETC.	
IS	VD2, PB2, 4	CUSTOMER MONITOR	LIVE+REF VIDEO INTERFACE TO OEM (OPTION)	MAXIMUM LENGTH 110'



ARTIS	Q/Q.ZEN/ZEE	CEILING	MAXIMUM	CABLE	LENGTHS	(TYPICAL	EQUIPMENT)

IF AN ON-SITE TRANSFORMER IS I VOLTAGE, IT MUST BE OF SUFFICIE CHARACTERISTICS TO MAINTAIN SUF REQUIREMENTS (TRANSFORMER AND	ENT CAPACITY AND PPLY VOLTAGE AND IMPEDANCE		TABLE. POWER WILL E TABLE OUTLET IS 120	BE DISCONNECTED IF EPO BUTTON IS PROV, FUSED AT 5A.
X-RAY GENERATOR (PU1) MOMENTARY RATING: (RADIOGRAPHIC EXPOSURE)	7 162 KVA] [
X-RAY GENERATOR (PU1) LONG-TIME RATING: (FLUOROSCOPY)	14 KVA			LIGHTING
SYSTEM CABINET (SC1) LONG-TIME RATING:	8.5 KVA		SIEMENS SYSTEM CABINET "SC1"	SWITCH SWITCH
LINE IMPEDANCE	≤ 120 (mΩ)]		T 4 € NEUT
POWER QUALITY	PARAMETERS]		ROOM LIGHTS
MAXIMUM LINE VOLTAGE VARIATION		<u>]</u>	ROOM LIGHTS CONTROL RELAY	124 VDCI HO
	2%	_	CONTROL RELAT	
FREQUENCY VARIATION:	± 1 HZ	_		SUPPLY 100-
POWER SUPPLY NOTES:			li 📑	WA WA
1. INCOMING POWER SUPPLIES FOR BE DEDICATED (BACK TO SOURCE),	ISOLATED AND INSULATED FROM		X-RAY ON	LIGHT 100-
ANY OTHER EQUIPMENT SUCH AS E SYSTEMS, ETC.	LEVATURS, GENERATURS, HVAC		WARNING LIGHT CONTROL RELAY	¥ ½ ₩ NENL
2. SIEMENS HEALTHCARE REQUIRES THE POWER QUALITY REQUIREMENTS			NOTES	"X-RAY ON" WARNING LIGHT
			NOTES: 1. 24 VDC RELAYS MUS 1N4002 OR EQUIVAL	ST INCLUDE A FREE-WHEELING DIODE (P/N .ENT).

EQUIPMENT GROUNDING CONDUCTOR TO COMPLY WITH THE FOLLOWING:
1) SIZE GROUNDING WIRE TO SIEMENS EQUIPMENT PER POWER SCHEDULE REQUIREMENTS. 2) DERIVED FROM THE ELECTRICAL SERVICE, TRANSFORMER OR MAIN DISTRIBUTION PANEL FEEDING THE SIEMENS EQUIPMENT. 3) RUN IN THE SAME CONDUIT, TROUGH OR RACEWAY AS THE PHASE CONDUCTORS.
4) CONTINUOUS, WITH NO BREAKS OR USE OF CONDUIT, CHASSIS OR EARTH AS THE SOLE GROUNDING PATH. 5) BONDED TO CHASSIS AND/OR CONDUIT IN ACCORDANCE WITH THE NEC REQUIREMENTS.
6) MINIMIZE CONNECTIONS OR TERMINALS TO ENSURE CONTINUITY OVER THE LIFE OF THE INSTALLATION. 7) AS A NORM, THERE SHOULD NOT BE ANY CURRENT PRESENCE ON THE GROUND CONDUCTOR, BUT IT IS ACCEPTABLE TO HAVE <500mA DURING OPERATION OF THE IMAGING EQUIPMENT.
11

GROUNDING NOTES

POWER REQUIREMENTS

WIRING SYSTEM:

MINIMUM POWER SUPPLY:

480Y/277V, 3 PHASE, 5-WIRE, 60 HZ.

I	POWER QUALITY
	POOR POWER WILL ALTER EQUIPMENT PERFORMANCE IT IS IN THE CUSTOMER'S INTEREST THAT THE ELECTRICAL CONTRACTOR BE RESPONSIBLE FOR TESTING AND VERIFYING THAT THE EQUIPMENT POWER SUPPLY COMPLIES WITH THE SIEMENS
l	SPECIFICATIONS.

SIEMENS SYSTEM CABINET "SC1"	LIGHTING POWER FROM WALL SWITCH 100-277 VAC NEUTRAL ROOM LIGHTS
ROOM LIGHTS CONTROL RELAY	24 VDC HOSPITAL POWER SUPPLY 100–277 VAC
X-RAY ON WARNING LIGHT CONTROL RELAY	WARNING LIGHT POWER 100-277 VAC
NOTES:	"X-RAY ON" WARNING LIGHT T INCLUDE A FREE-WHEELING DIODE (P/N
1N4002 OR EQUIVALE 2. ALL ITEMS PROVIDED	

TABLE POWER OUTLET SAFETY

NOTE: LIFE-SUSTAINING EQUIPMENT MUST NOT BE CONNECTED TO

THE TABLE POWER OUTLET (IF INSTALLED) IN THE SIEMENS PATIENT

TABLE. POWER WILL BE DISCONNECTED IF EPO BUTTON IS PRESSED.

3. ALL WIRING THAT CONNECTS TO SIEMENS "SC1" CABINET MUST BE 14-18 AWG STRANDED WIRE. 4. ONLY 3 WIRES LABELED "24 VDC", "ROOM LIGHTS" AND "X-RAY ON" SHOULD BE SENT TO SIEMENS "SC1" CABINET. 5. 24 VDC RELAYS ARE TO BE SELECTED BY ELECTRICAL CONTRACTOR TO

1	LIGHTING DETAIL	SCALE: NONE				
* THE SWITCH MUST BE PROVIDED WITH AN APPROPRIATE SYMBOL (OR DESIGNATION) FROM WHICH THE FUNCTION CAN BE RECOGNIZED. WARNING LIGHT/ROOM LIGHT SCHEMATIC						
	* PLAN THE SWITCH SO THAT UNINTENTIONAL OPERATION IS NOT POSSIBLE.					
	* THE SWITCH (24 VDC / 20 MA) MUST BE PROVIDED ON SITE. * CONTROL USING +24 V FROM THE SYSTEM CONTROL CABINET					
S	6. IF NEEDED, A SWITCH TO BLOCK RADIATION CAN BE INSTALLED IN SERIES WITH THE DOOR CONTACT.					
F	HANDLE THE VOLTAGE AND AMPERAGE OF LIGHTING CURCUIT.					

	AXIS IMAGE SYSTEM (REMOTE CONFIGURATION)
	STANDARD: LIVE DISPLAY 65' (VIA CR1) — MONITOR ACE (KEYBOARD AND 65' (VIA CR1) — MOUSE CONNECT TO ACE) OPTIONS:
	— 6'-6" → REFERENCE DISPLAY ← 65' (VIA CR1) — MONITOR
	- 6'-6" → HAND SWITCH
	- 6'-6" → CONTROL MODULES - 6'-6" → ECC
	— 13'——▶ EMERGENCY STOP
	— 5'-6" → FOOT SWITCH
	DVD RECORDER ← 65' 5'-11" TFT MONITOR FOR DVD RECORDER
R	NTROL OM TRIBUTOR CR1 IMAGE SYSTEM IS
2	CONTROL ROOM SYSTEM CONNECTIONS SCALE: NONE

NETWORK REQUIREMENT

TRANSFER SPEED BETWEEN THE IMAGER AND 3D RECONSTRUCTION WORKSTATION. WORKFLOW AND CLINICAL NEEDS DEMAND 3D IMAGES

BE AVAILABLE FOR REVIEW BY CLINICAL STAFF IMMEDIATELY UPON

A GIGABIT NETWORK IS REQUIRED FOR ADEQUATE IMAGE DATA

OR IP SUBNET LIST

CUSTOMER

ACQUISITION.

VPN APPLIANCE

SIEMENS REMOTE

SERVICES DMZ SRS ACCESS

SERVER ___

FIREWALL

,										ARTIS Q/Q.ZEN/ZEE CEILING REV. 27	Ц
				TEL: (801) 209 VMAIL: FAX:	R: CHRISTOPHER TH -6582 EXT: IER.THOMAS@SIEMEN		HINEERS.COM		SIEM	IENS	
				INTE		121 CO	TONWOOD ST	MEDICA , MURRAY, UT 841 RTIS Q.ZEN CEILING		NTER	
	◬	04/12/21	R-101R(B) VERSION DATED 03/25/21 APPROVED BY CUSTOMER FOR FINALS	THIS TITLE B	RESULT IN PROSECUTION UNDER		ECT #:	0316	SHEET:	<u>۲</u>	╽ ┃ ┃
	SYM	DATE	DESCRIPTION	ALL RIGHTS ARE RESERVED.		SHEET	OF 6 7	DRAWN BY: O. CARRILLO] [-,		_
	-ISSUE BLOCK-			SCALE: AS NOTED	REF. #: CPQ-192529	DATE:	04/12/21				
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ATTENTION:

POWER SCHEDULE

OPTIONAL TABLE
OUTLET POWER FEED.
CONTACT SIEMENS
PROJECT MANAGER.

ALL CONDUITS AND WIRES SIZES MUST BE DETERMINED BY THE ELECTRICAL ENGINEER OF RECORD PER N.E.C AND TO MAINTAIN SIEMENS IMPEDANCE REQUIREMENTS.

CABINET

MAIN BREAKER AMPS: 125

BREAKER AMPS: 100 (FOR PU1)

BREAKER AMPS: 30 (FOR SC1)

480/277Y 3

480 |1 (L1,L2)|

PO VARIES NOTE 1 - EPO CIRCUIT #1

ENGINEER OF RECORD.

INSTALLED BY CUSTOMER/CONTRACTOR.

CABINET

MAIN PANEL WITH CIRCUIT BREAKERS FLUSH OR SURFACE

VOLTS PHASES NEUTRAL GROUND TOTAL WIRES

480/277Y 3 1 1 5 (NOTE 1)

VOLTS PHASES NEUTRAL GROUND TOTAL WIRES

VOLTS PHASES NEUTRAL GROUND TOTAL WIRES

VOLTS PHASES NEUTRAL GROUND TOTAL WIRES

STEP-DOWN SINGLE-PHASE TRANSFORMER WITH PRIMARY AND SECONDARY FUSE PROTECTION FOR TABLE OUTLET POWER, CONNECTED TO AN ADJACENT FLUSH WALL-MOUNTED 15A, 125VAC UL 943 GFCI WITH BLANK FACE (NO CONTACT OPENINGS OR NEMA CONFIGURATION) WITH LED INDICATION, PUSH-TO-TEST AND PUSH-TO-RESET BUTTONS, AND A CLEAR LEXAN HINGED COVER TO AVOID INADVERTENT MANUAL TRIP.

MAIN CIRCUIT BREAKER EMERGENCY POWER OFF BUTTON WITH PROTECTIVE COVER THAT PREVENTS ACCIDENTAL ACTIVATION. THE EPO MUST BE OF FAIL-SAFE DESIGN. ALL EPO'S TO HAVE <u>MECHANICAL LATCHING MECHANISM</u>. EPO MUST BE RESET BEFORE MAIN BREAKER CAN

BREAKER AMPS: 15 (FOR STEP-DOWN XFMR "XF1")

750VA, 480V PRIMARY, 120V GROUNDED SECONDARY

1) PHASE AND NEUTRAL TO BE THE SAME SIZE. GROUND SIZED PER NEC. NOTE: UNLESS OTHERWISE NOTED, ALL BREAKERS WILL BE 80% RATED

> RESUME OPERATION. CONTACTS AND WIRING CONFIGURATION TO BE DESIGNED BY ELECTRICAL

THE EPOs MUST BE INSTALLED BY A QUALIFIED ELECTRICAL CONTRACTOR ACCORDING TO NATIONAL

ELECTRICAL CODE, STATE AND LOCAL REGULATIONS.

MEASURES SHOULD BE TAKEN TO DESIGN THE CIRCUIT IN SUCH A WAY THAT IT WILL ALWAYS WORK WHEN THE

SOLELY RESPONSIBLE FOR THE IMPLEMENTATION OF THE EPOS AND THEIR ASSOCIATED CIRCUITS AND MUST MAKE

MEDICAL EQUIPMENT IS POWERED. THE CUSTOMER IS

THE FINAL DETERMINATION CONSIDERING ALL SITE

CONDITIONS AND REGULATORY FACTORS.

ALL ITEMS LISTED IN THIS SCHEDULE SHALL BE SUPPLIED AND

1 4 (NOTE 1)

1 | 1 | 5 (NOTE 1)

MAIN BREAKER MUST HAVE TRIPPING DEVICE SO WHEN ANY EPO IS PRESSED, THE MAIN BREAKER TRIPS.

MAIN BREAKER EPO CIRCUIT POWER SOURCE

MAXIMUM WIRE SIZE FOR TERMINAL LUGS IS #3/0 AWG FOR "PU1" CABINET.

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PHYSICIST TO SPECIFY RADIATION PROTECTION.

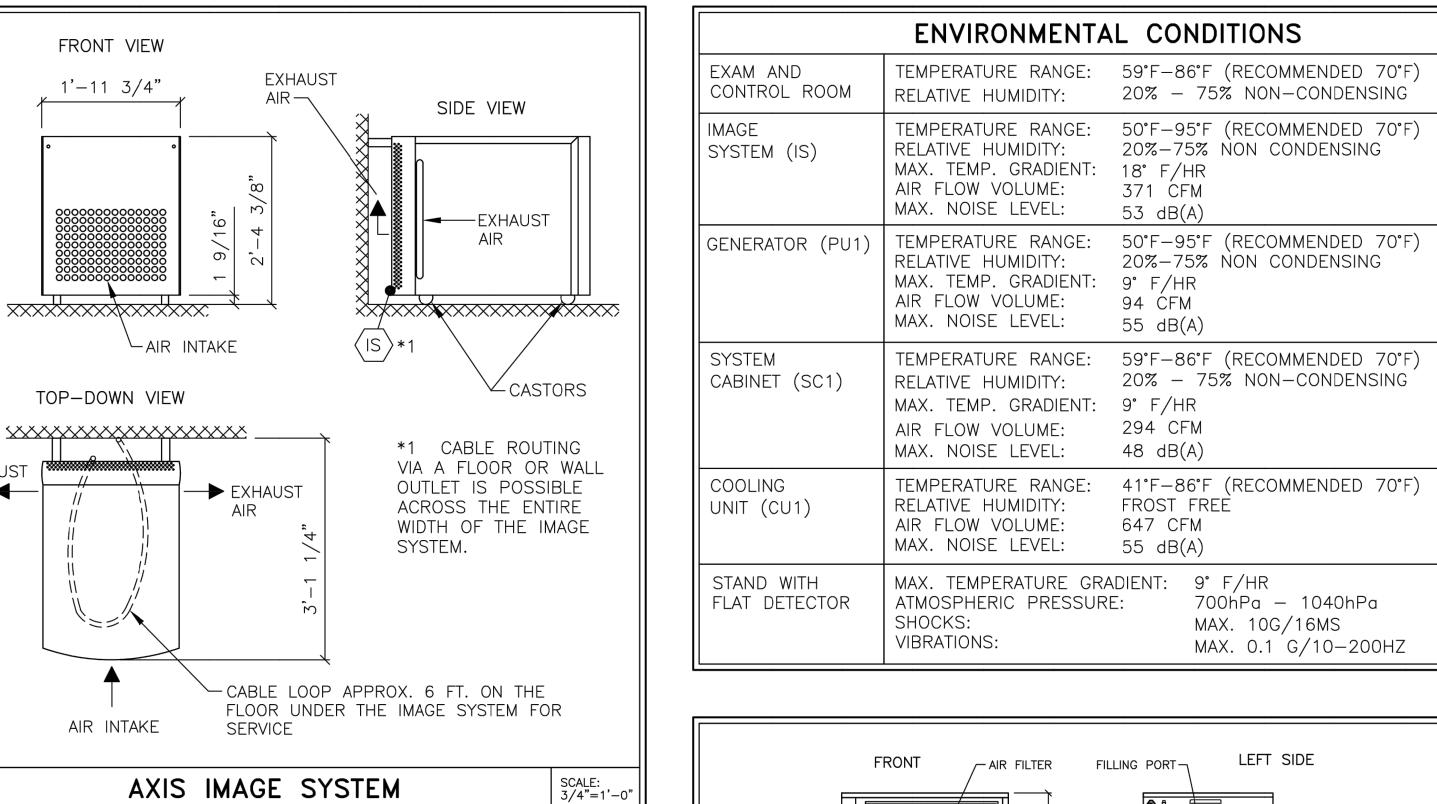
Siemens Equipment-Electrical

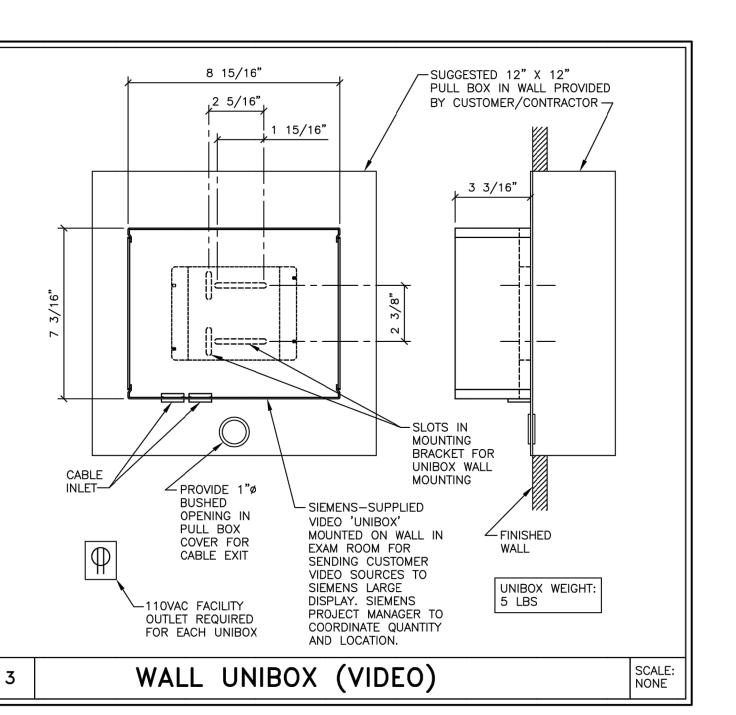
Construction Documents December 15, 2021

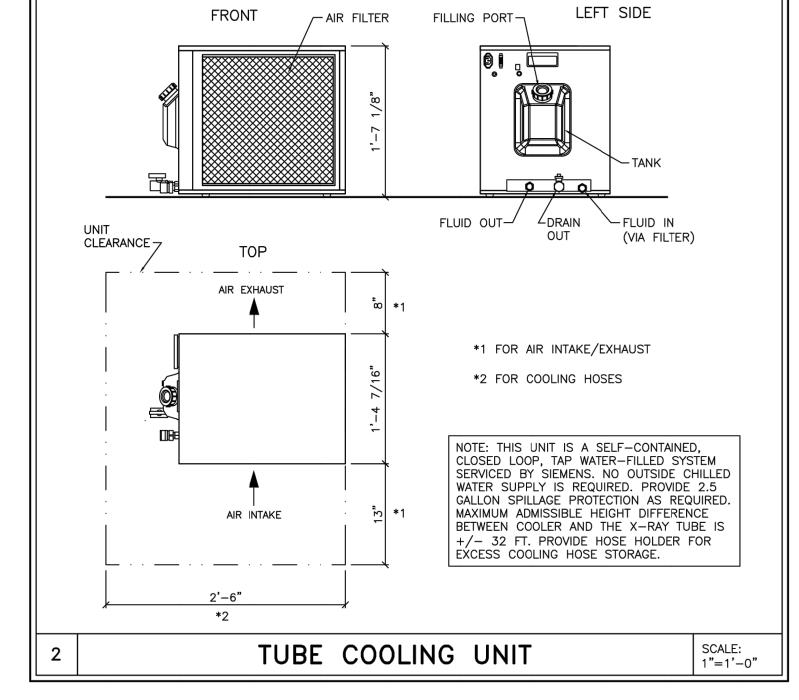


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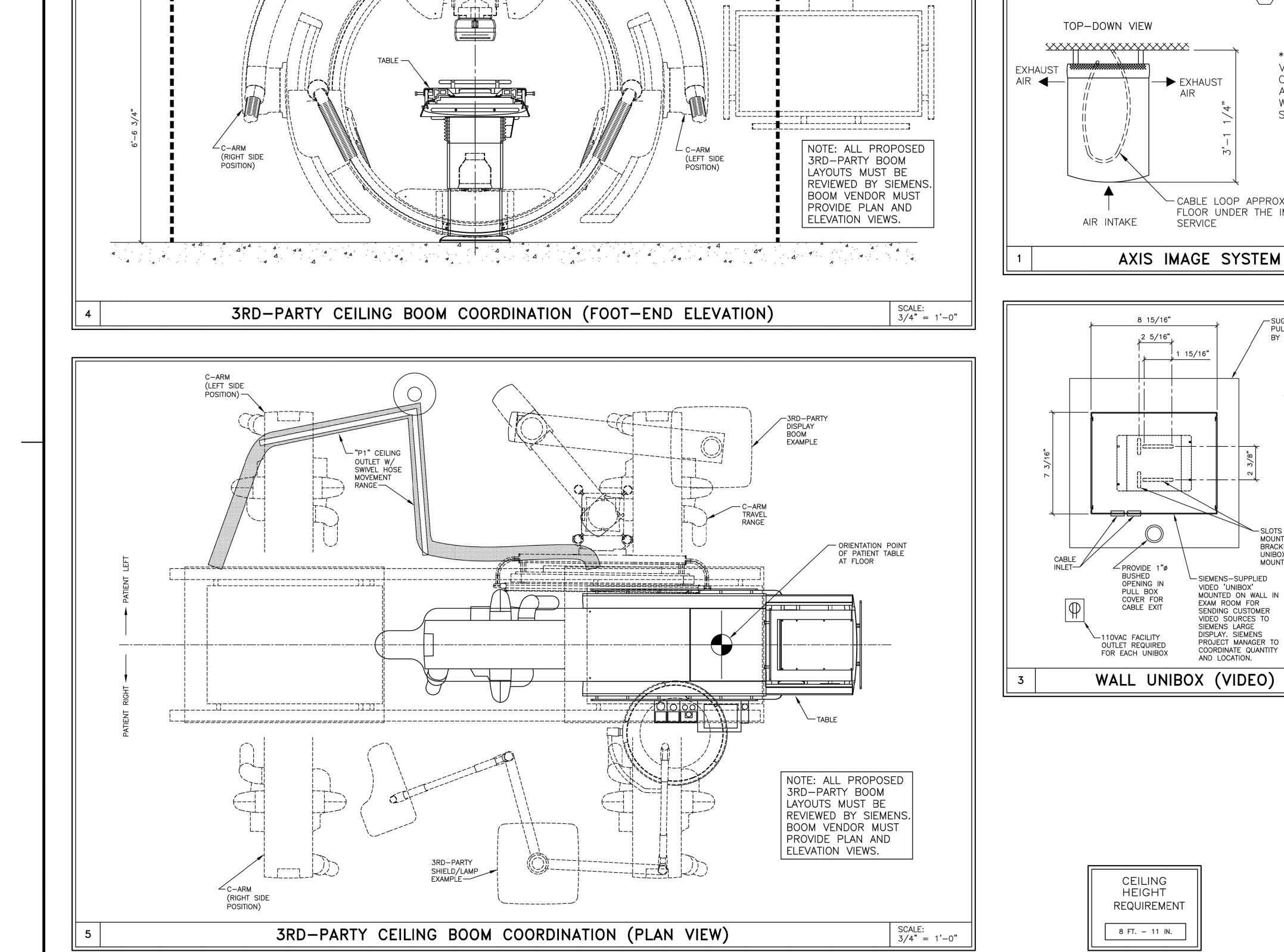


HEAT LOADS
FOR BTU'S OF SEIMENS EQUIPMENT, REFER TO THE EQUIPMENT LEGEND, SHEET A-101.

SIEMENS INTERMOUNTAIN MEDICAL CENTER

Construction Documents December 15, 2021

Siemens Equipment-Mechanical



R-101R(B) VERSION DATED 03/25/21 APPROVED BY CUSTOMER FOR FINALS DATE DESCRIPTION

THIS TITLE BLOCK WITHOUT SIEMENS AUTHORIZATION WILL RESULT IN PROSECUTION UNDER FULL EXTENT OF THE LAW. SCALE: REF. #: CPQ-192529

L: (801) 209-6582

PROJECT #:

CATH LAB #1 / ARTIS Q.ZEN CEILING 2100316

ATTENTION:

3RD-PARTY FIXED BOOM

COLUMNS/OBJECTS ON

OUTSIDE THIS AREA —

3RD-PARTY SHIELD/LAMP

EXAMPLE-

FINISHED CEILING

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DOCUMENTS FOR REFERENCE.

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/-3RD-PARTY FIXED BOOM

COLUMNS/OBJECTS ON

CEILING MUST REMAIN

OUTSIDE THIS AREA

"P1" CEILING

OUTLET W/ SWIVEL HOSE —

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-ISSUE BLOCK-

o DATE: 04/12/21

SHEET OF DRAWN BY: O. CARRILLO