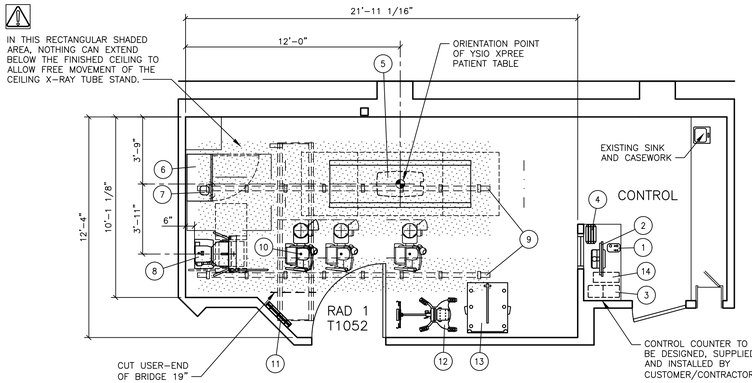
THIS SET OF FINAL DRAWINGS IS REFLECTIVE OF THE LATEST SALES CONFIGURATION. ANY CHANGES TO THIS SALES CONFIGURATION MAY REQUIRE A REVISION TO THIS PROJECT PLAN. IF REQUESTED, SIEMENS WILL PRODUCE A REVISED SET OF FINAL DRAWINGS TO REFLECT THE CHANGES, HOWEVER SIEMENS IS NOT RESPONSIBLE FOR ANY CONSTRUCTION COSTS ASSOCIATED WITH THE CHANGES THAT OCCUR FROM THIS PLAN MODIFICATION.

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

EXISTING CEILING HEIGHT IS 9'-0"

⚠ IT IS THE RESPONSIBILITY OF THE CUSTOMER/CONTRACTOR TO PROVIDE A MEANS OF MOUNTING THE PC TOWER OFF THE FINISHED FLOOR FOR DAMAGE PROTECTION AGAINST TIP-OVER, FLUIDS, IMPACT, ETC.



EXAM RESTRICTIONS:
1. CROSS-TABLE LATERAL EXPOSURES, WITH THE CEILING X-RAY TUBE, ARE ONLY POSSIBLE FROM THE FRONT SIDE OF THE TABLE.

WARNING NOTES:
1. DUE TO THE EXAM ROOM SIZE, THE CEILING TRANSVERSE BRIDGE MUST BE REDUCED IN LENGTH BY APPROXIMATELY 19".

MISCELLANEOUS NOTES:
NOT APPLICABLE

ARCHITECTURAL EQUIPMENT PLAN

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

EQUIPMENT LEGEND

NO	DESCRIPTION	SMS SYM	WEIGHT (LBS)	BTU/HR TO AIR	DIMENSIONS (INCHES) W	D	H	REMARKS
1	CONTROL MODULE	CM	2	–	4 3/4	10	2 3/4	ON CUSTOMER'S COUNTER
2	LED TOUCHSCREEN MONITOR	M	18	205	22 1/2	8 5/8	15 1/4	ON CUSTOMER'S COUNTER
3	IMAGING SYSTEM CONTAINER (UNDER COUNTER)	IS	15	1,468	8	21	15	UNDER CUSTOMER'S COUNTER
4	CHARGING STATION FOR MAX DETECTORS	C	4	–	12 1/2	6 3/4	2	ON CUSTOMER'S COUNTER
5	YSIO XPREE TABLE WITH MOBILE DETECTOR WITH FLAT TABLE TOP	YT	970	2,560	94 13/16	31 1/2	***	***20 1/4" TO 37 9/16"
6	POLYDOROS R80-2 (80 kW) GENERATOR CABINET	RU	944	2,048**	31 1/2	17 1/8	86 3/4	**DURING OPERATION, 1,195 IN STANDBY MODE
7	ACCESS POINT (TOP OF GENERATOR)	AP	1	–	5	6 3/8 *	1	* = INCLUDING ANTENNAE
8	YSIO XPREE WALL STAND WITH FIXED DETECTOR (RIGHT LOADING GRID)	WS	496	751	30	35*A	83	*A – MAX. IN HORIZONTAL POSITION
9	5.00M CEILING RAILS FOR X-RAY TUBE SUSPENSION	C	82	–	196 7/8	3	4	SIZE AND WEIGHT PER RAIL
10	3M YSIO XPREE BRIDGE & X-RAY TUBE STAND	TS	772	853	119 1/4	39	*43	*TUBE CARRIAGE IN PARK POSITION
11	GRID HOLDER (WALL MOUNTED)	C	22	–	21 11/16	4	16 9/16	LOCATED AND INSTALLED BY CUSTOMER/CONTRACTOR
12	MOBILE DETECTOR HOLDER ON WHEELS	C	121	–	24 1/2	40 3/16	70 1/2	ROLL AROUND LATERAL HOLDER
13	MULTIPURPOSE STAND (FOR ORTHO OPTION)	C	200	–	27	36	78	FOR ORTHO OPTION
14	EATON UPS 5P 850G FOR IMAGING SYSTEM ONLY	UP	22	135	6	13 5/8	9 1/4	LOCATED WITH CONTROL EQUIPMENT

PROJECT MILESTONES TO BE COMPLETED BEFORE EQUIPMENT DELIVERY

CHECK STATUS	COMPLETION DATE	MILESTONES	REFERENCE SHEET
		SYSTEM STANDARDS	
		ARCHITECTURAL	
☐		STORAGE AREA AVAILABLE FOR STORING ITEMS DURING INSTALLATION	A-10x
☐		LEAD SHIELDING (WALLS, DOORS, WINDOWS) COMPLETE	A-10x
☐		ALL WALLS PRIMED AND PAINTED. ROOM DUST FREE.	A-10x
☐		CLIMATE CONTROL FUNCTIONING 24 HOURS A DAY, 7 DAYS A WEEK	A-10x
☐		DELIVERY PATH VERIFIED	A-10x
☐		CASEWORK COMPLETE IN EXAM AND CONTROL ROOMS	A-10x
☐		ROOM LIGHTING COMPLETE AND FUNCTIONING	A-10x
☐		NOTHING HANGING BELOW CEILING IN AREA SHADED ON DRAWING.	A-10x
☐		NETWORK DROP ACTIVE AND IP ADDRESSES OBTAINED FOR SIEMENS REMOTE SERVICES (SRS)	A-10x
☐		ALL ROOMS CONTAINING SIEMENS EQUIPMENT ARE CLEAN AND DUST FREE	A-10x
		STRUCTURAL	
☐		FLOOR LEVELNESS VERIFIED AND WITHIN SPECIFICATIONS	S-10x
☐		FLOOR THICKNESS VERIFIED AND WITH SPECIFICATIONS, IF NOT, SE APPROVED ALT. ANCHOR SOLUTION AVAILABLE	S-10x
☐		ALL CONDUITS, TROUGHS, AND CORE DRILLS ARE OUTSIDE OF TABLE OR WALL STAND ANCHOR LOCATIONS	S-10x
☐		ANY IN-FLOOR PULL BOXES OUTSIDE OF TABLE OR WALL STAND ANCHOR LOCATIONS	S-10x
☐		CEILING / UNISTRUT HEIGHT VERIFIED (CHECK MINIMUM CEILING HEIGHT)	S-10x
☐		CORRECT NUMBER OF UNISTRUT INSTALLED IN CORRECT LOCATION.	S-10x
		ELECTRICAL	
☐		CABLES RUNS CHECKED TO ENSURE MAXIMUM LENGTH NOT EXCEEDED	E-10x
☐		X-RAY WARNING LIGHT AND WIRING INSTALLED	E-10x
☐		CONTRACTOR SUPPLIED ELECTRICAL CABLING / PIGTAILS INSTALLED PER PLANS	E-10x
☐		CABLES INLETS INSTALLED IN LOCATIONS PER PLANS	E-10x
☐		MAIN BREAKER INSTALLED AND WIRED PER PLANS	E-10x
☐		EPO'S INSTALLED AND FUNCTIONING	E-10x

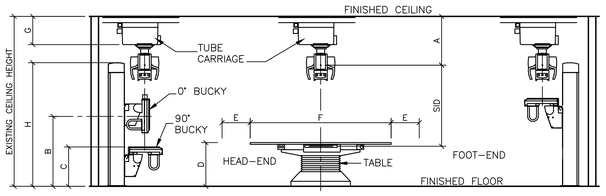
ARCHITECTURAL NOTES

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 WORK, 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 AND 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.
10) CUSTOMER/CONTRACTOR MUST ASSIST SIEMENS INSTALLERS WITH INSTALLATION OF EQUIPMENT ABOVE 14'-0". REFER TO THE ELECTRICAL NOTES ON SIEMENS SHEET E-101 FOR MORE DETAILS.

CEILING HEIGHT REQUIREMENTS

SYSTEM CONFIGURATION	CEIL. HT. RANGE
CEILING STAND +/- WALL STAND	8'-9" TO 10'-2"
CEILING STAND + TABLE +/- WALL STAND	

1. 45" SID TO TABLE BUCKY IS POSSIBLE WITH 8'-9" CEILING HEIGHT AND A WORKING TABLE HEIGHT OF 2'-5".
2. X-RAY TUBE EXTENSION IS NOT RECOMMENDED FOR CEILING HEIGHT LESS THAN 9'-6".
3. X-RAY TUBE EXTENSION IS REQUIRED FOR CEILING HEIGHT 10'-2" OR GREATER.
4. TO ACCOMMODATE TILTED EXPOSURES OVER THE WALL STAND, A 12" EXTENSION BOX (OPTION) MUST BE ADDED TO THE WALL STAND FOR CEILING HEIGHT LESS THAN 8'-9", WHEN LOCATED AT EITHER END OF THE TABLE.



	MOVEMENT RANGE	MINIMUM	MAXIMUM
A	TUBE STAND		
	MANUAL	2'-8 3/4"	8'-7 5/8"
	MOTORIZED	2'-9"	8'-7 1/4"
B	WALL STAND (UPRIGHT 0 DEG.)		
	FIXED DETECTOR	10 1/2"	5'-9"
	WIRELESS DETECTOR	12"	5'-9"
C	WALL STAND (TILTED 90 DEG.)	1'-9"	6'-9 1/2"
D	TABLE HEIGHT	1'-8 1/4"	3'-1 1/2"
E	TABLE TRAVEL (BOTH ENDS)	1'-6 7/8"	
F	TABLE LENGTH	7'-10 3/4"	
G	TUBE CARRIAGE (DEPTH)	1'-8"	
H	WALL STAND COLUMN (HEIGHT)	7'-1"	

DETERMINE WALL STAND LOCATION FOR TILTED (90 DEG) EXPOSURES WITH CEILING STAND

– WALL STAND MAY BE LOCATED AT HEAD-END: IF THE EXISTING CEILING HEIGHT IS GREATER THAN G + H.
– WALL STAND MUST BE LOCATED AT FOOT-END: IF THE EXISTING CEILING HEIGHT IS LESS THAN G + H.

DETERMINE MAXIMUM SID TO TABLE

THE RESULT OF THE FOLLOWING FORMULA MUST BE EQUAL TO OR LESS THAN THE EXISTING CEILING HEIGHT:

A (MIN.) + TABLE SID + D (MIN.)

1 YSIO XPREE TYPICAL ELEVATION — SCALE: 1/4"=1'-0"

LIGHTING REQUIREMENTS

SMART VIRTUAL ORTHO

LIGHTING GUIDELINES FOR 3D CAMERA SENSITIVITY AND DIRECT LIGHT

1. NO WINDOWS OR HIGHLY REFLECTIVE SURFACES BEHIND THE WALL STAND.
2. NO LIGHT SOURCES (I.E. STRIP LIGHTING) BEHIND THE WALL STAND.
3. NO CONCENTRATED LIGHT SOURCE ABOVE THE TABLE OR THE WALL STAND (I.E. FLUORESCENT LIGHTING WITHOUT DIFFUSER).
4. IF ITEMS 1 OR 2 ARE NOT POSSIBLE, THE AREA BEHIND THE WALL STAND SHOULD BE OBSTRUCTED IN AN APPROPRIATE MANNER, USING A CURTAIN, ETC..

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.

REV 0

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.

ENVIRONMENTAL REQUIREMENTS

SYSTEM DURING TRANSPORT AND STORAGE	TRANSPORT	STORAGE
PERMISSIBLE AMBIENT TEMPERATURE	-4° F TO +131° F	-4° F TO +131° F
PERMISSIBLE AMBIENT TEMPERATURE (MOBILE DETECTOR)	14° F TO +131° F	14° F TO +131° F
PERMISSIBLE RELATIVE HUMIDITY	10% TO 95%	10% TO 95%
PERMISSIBLE BAROMETRIC PRESSURE	50 kPa TO 106 kPa	50 kPa TO 106 kPa

SYSTEM IN OPERATION	OPERATION
PERMISSIBLE AMBIENT TEMPERATURE	64.4° F + 82.4° F
PERMISSIBLE RELATIVE HUMIDITY	20% TO 75% (NOTE 1, 2)
PERMISSIBLE BAROMETRIC PRESSURE	70 kPa TO 106 kPa

NOTES:
1. CONDENSATION MUST NOT BE ALLOWED TO FORM
2. ONLY MAX. 90% IS PERMITTED FOR THE MONITOR

RESOURCE LIST (SMS USE ONLY)

DESIGNATION	PG NUMBER	DATE
YSIO XPREE	XPB7-040.891.01.XX.02	——

YSIO XPREE REV 13

CEILING HEIGHT RANGE	RECOMMENDED CEILING HEIGHT
SEE CEILING HEIGHT REQUIREMENTS	
8'-9" TO 10'-2"	9'-6"

SYM	DATE	DESCRIPTION
⚠0	11/18/25	2415088RC DATED 09/30/25 APPROVED BY CUSTOMER FOR FINALS

-ISSUE BLOCK-

PROJECT MANAGER: JOAS AGUILAR VALLEJO
TEL: (817) 366-5832
VMAIL: EXT:
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EMAIL: JOAS.AGUILARVALLEJO@SIEMENS-HEALTHINEERS.COM

SIEMENS

JPS HEALTH NETWORK
3301 STALCUP ROAD, FORT WORTH, TX 76119
RAD 1 T1052 – YSIO X.PREE

PROJECT #: 2415088
SHEET: A-101
SHEET 1 OF 5
DRAWN BY: T. ARMACOST
SCALE: AS NOTED
REF. #: 30304669
DATE: 11/18/25

ATTENTION:

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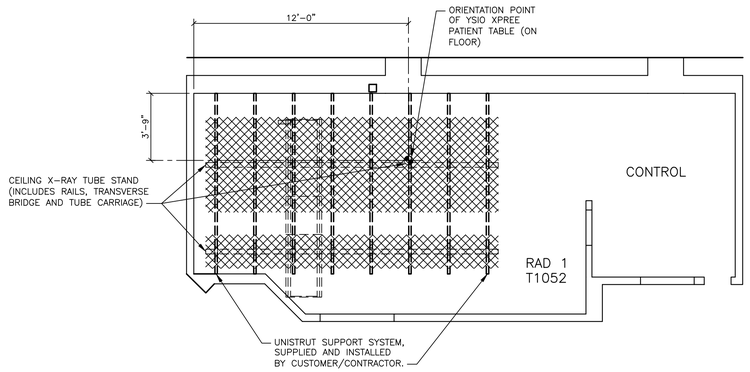
REFERENCE DOCUMENT - NOT FOR CONSTRUCTION

ATTENTION! SHADED AREAS INDICATED MUST BE KEPT FREE OF CEILING FIXTURES AND OTHER NON-SYSTEM ITEMS THAT MAY PROJECT DOWNWARD FROM THE CEILING (I.E. AIR VENTS, SPRINKLERS, CEILING LIGHTS, ETC.). PLEASE COORDINATE ANY POSSIBLE CONFLICTS WITH SIEMENS PROJECT MANAGER.

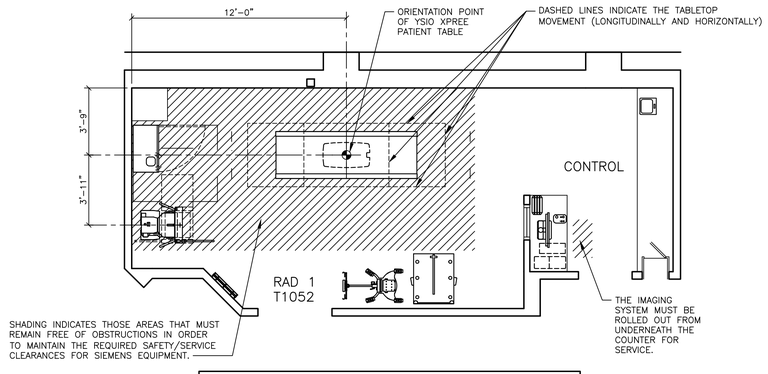


NOTE: FOR DIMENSIONED LOCATIONS AND DESCRIPTIONS OF ALL ITEMS SHOWN ON THIS PLAN, SEE THE "STRUCTURAL CEILING PLAN" ON SHEET S-101.

FOR THE WEIGHTS OF ALL SIEMENS EQUIPMENT SHOWN ON THIS PLAN, SEE THE "EQUIPMENT LEGEND" ON SHEET A-101.

REFLECTED CEILING PLAN

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



NOTE: FOR DESCRIPTIONS OF ALL SIEMENS EQUIPMENT SHOWN ON THIS PLAN, SEE THE "ARCHITECTURAL EQUIPMENT PLAN" ON SHEET A-101.

SAFETY/SERVICE CLEARANCE PLAN

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

TRANSPORT AND DELIVERY

YSIO XPREE – PACKAGING INFORMATION

LONGEST CRATE (BWS)	L 92.52" x W 34.65" x H 41.34"
WIDEST CRATE (TUBE CARRIAGE)	L 66.93" x W 40.55" x H 53.15"
HEAVIEST SINGLE PART (TABLE)	APPROX. 1038 LBS.
TRANSVERSE BRIDGE – 3 METER	L 125.98" x B 31.50" x H 9.84"
TRANSVERSE BRIDGE – 4 METER	L 173.23" x B 31.50" x H 9.84"
LONGITUDINAL RAILS – 4.25 METER	L 167.32" x B 3.11" x H 3.19"
LONGITUDINAL RAILS – 5.00 METER	L 196.85" x B 3.11" x H 3.19"

DELIVERY PATH

NOTES:

1. ENSURE ELEVATORS, CORRIDORS, AND DOORWAYS HAVE THE REQUIRED DIMENSIONS FOR TRANSPORT DEVICE.
2. LOAD DISTRIBUTION BOARDS ARE MANDATORY TO PROTECT THE FLOORING IN ALL AREAS THE TRANSPORT DEVICE OR ROLLERS MAY BE MOVED.
3. STANDARD: MINIMUM DOOR WIDTH = MIN. 41.34" (SEE A)
   ASSOCIATED MIN. CORRIDOR WIDTH = APPROX. 82.68"
4. SPECIAL SOLUTION: MINIMUM DOOR WIDTH = MIN. 35.43" (SEE B)
   ASSOCIATED MIN. CORRIDOR WIDTH = APPROX. 66.93"

A. DUE TO THE PALLET WIDTH OF THE TUBE STAND.
B. POSSIBLE ONLY WITH ADDITIONAL TRANSPORT FRAME (MATERIAL NO. 11328828), ORDERABLE THROUGH CSML.

THERE ARE NO TRANSPORT ILLUSTRATIONS AVAILABLE AT THIS TIME.

CEILING NOTES

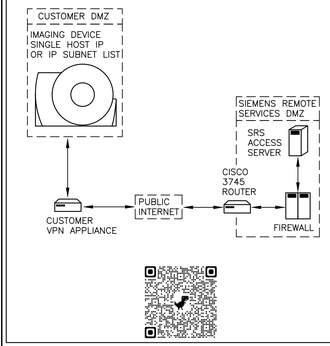
1) ALL CEILING MOUNTED LIGHT FIXTURES, MECHANICAL REGISTERS AND SPRINKLER HEADS SHALL BE FLUSH WITH FINISHED CEILING, SHALL BE OUTSIDE OF ALL HATCHED AREAS AND SHALL BE SPECIFIED BY THE ARCHITECT OF RECORD AND SUBSEQUENT CONSULTING ENGINEERS.
2) THE ACTUAL CEILING DESIGN AND COORDINATION OF LIGHTING AND MECHANICAL SYSTEMS SHALL BE THE RESPONSIBILITY OF THE ARCHITECT OF RECORD AND HIS SUBSEQUENT CONSULTING ENGINEERS.
3) THE CUSTOMER/CONTRACTOR SHALL BE RESPONSIBLE FOR FABRICATING, SUPPLYING AND INSTALLING ALL LIGHT, MECHANICAL AND STRUCTURAL SUPPORTING SYSTEMS. SIEMENS MEDICAL SYSTEMS, INC. IS ONLY RESPONSIBLE FOR THE SUPPLYING, INSTALLING AND CALIBRATION OF SMS EQUIPMENT AS SPECIFIED ON THE EQUIPMENT SCHEDULE AS SHOWN ON SHEET A-101.
4) ALL ELECTRICAL AND STRUCTURAL SYSTEMS SHOWN ON THE REFLECTED CEILING PLAN HAVE BEEN COORDINATED WITH THE EQUIPMENT LOCATIONS AS SHOWN ON THE 1/4" SCALE ARCHITECTURAL EQUIPMENT PLAN (SHEET A-101). ANY CHANGES TO THE SMS EQUIPMENT CONFIGURATION AS SHOWN, DUE TO PLACEMENT OF LIGHTING, STRUCTURAL, ELECTRICAL AND MECHANICAL SYSTEMS, MUST BE APPROVED IN WRITING BY THE SMS PROJECT MANAGER PRIOR TO THE COMPLETION OF CONSTRUCTION DOCUMENTS.

SIEMENS SMART 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 SMART REMOTE SERVICES TO DETERMINE BEST IMPLEMENTATION FOR YOUR SITE. CONTACT:

IMCPTSCSRS.DL@SIEMENS-HEALTHINEERS.COM.



CEILING HEIGHT RANGE	RECOMMENDED CEILING HEIGHT
SEE CEILING HEIGHT REQUIREMENTS	
8'-9" TO 10'-2"	9'-6"

SYM	DATE	DESCRIPTION
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PROJECT MANAGER: JOAS AGUILAR VALLEJO
TEL: (817) 366-5832 EXT:
VMAIL:
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SIEMENS

JPS HEALTH NETWORK

3301 STALCUP ROAD, FORT WORTH, TX 76119
RAD 1 T1052 – YSIO X.PREE

PROJECT #: 2415088

SHEET: A-102

SHEET 2 OF 5

DRAWN BY: T. ARMACOST

SCALE: AS NOTED

REF. #: 30304669

DATE: 11/18/25

YSIO XPREE REV 13

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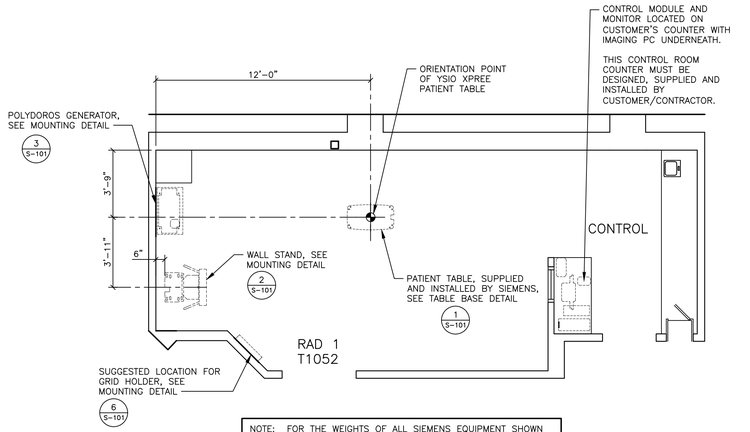
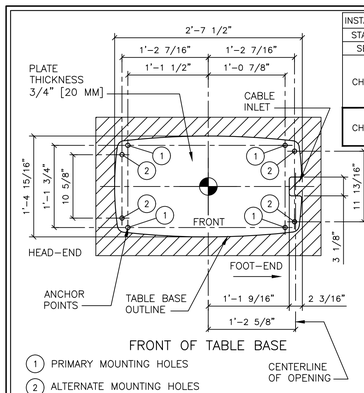
NOT FOR CONSTRUCTION - REFERENCE DOCUMENT -

STRUCTURAL FLOOR PLAN

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



NOTE: FOR THE WEIGHTS OF ALL SIEMENS EQUIPMENT SHOWN ON THIS PLAN, SEE THE "EQUIPMENT LEGEND" ON SHEET A-101.



FRONT OF TABLE BASE

1 PRIMARY MOUNTING HOLES
2 ALTERNATE MOUNTING HOLES

INSTALLATION	ANCHOR	REQ'D THICKNESS	QTY. ANCHORS
STANDARD	HSL-4 M12/25	6 1/4" SOLID	4 REQUESTED THRU MIV
SEISMIC	KWIK BOLT 1/2"	6"	4 REQUESTED THRU MIV
CHEMICAL	HIT-V M12 / 1/2"	4" SOLID 2 3/4" MIN. EMBEDMENT	4 REQUESTED THRU MIV
	HIT-HY 200 VR USED WITH FACTORY PROVIDED WASHERS		
CHEMICAL	HIT-HY 200 VR 1/2" THREADED ROD (A36), 1 1/2" ROUND X 17/32" I.D. X 3/16" PLATE WASHER (A36)		

THERE IS CURRENTLY NO CHEMICAL ANCHOR SOLUTION, PROVIDED BY THE FACTORY, FOR THE MULTIX FUSION MAX.
UNTIL FURTHER NOTICE THE CHEMICAL SOLUTION PROVIDED BY EASE CO. MUST BE USED FOR THE MULTIX FUSION MAX.

NOTES:
THE TABLE BASE MUST BE INSTALLED ON A SOLID STRUCTURE WITH SUFFICIENT LOADING BEARING CAPACITY. THE STRUCTURAL ENGINEER OF RECORD SHALL BE RESPONSIBLE FOR THE DESIGN AND DETAIL OF THIS ANCHORING STRUCTURE. THE MINIMUM STRUCTURAL AREA TO INCLUDE THE TABLE BASE LOCATION AND THE AREA SURROUNDING THE BASE (AS INDICATED BY THE DASHED LINE).

THERE ARE EIGHT 11/16"ø HOLES IN THE TABLE BASE FOR ANCHORING. FOUR POINTS OUT OF EIGHT ARE REQUIRED FOR PROPER INSTALLATION. THE MAXIMUM PULL AND TENSILE FORCES PER ANCHORING POINT IS 630 LBS.

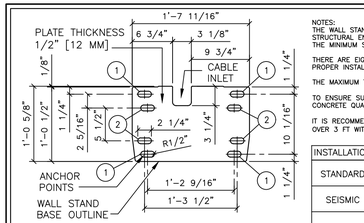
TO ENSURE PROPER ANCHORING, A MINIMUM CONCRETE THICKNESS OF 6 5/16" IS REQUIRED, WITH A MINIMUM CONCRETE QUALITY OF 3700 PSI.

IT IS RECOMMENDED THAT THE FLOOR SHALL BE TRUE, SMOOTH, AND LEVEL WITHIN 3/16" OVER 3 FT WITHIN A MINIMUM OF 3" AROUND ALL FOUR SIDES OF THE BASE, AS INDICATED BY THE SHADING.

THE TABLE BASE IS MOUNTED DIRECTLY TO THE FLOOR STRUCTURE WITH AREA IN THE DIRECT VICINITY OF THE BASE TO BE FREE OF ALL FLOOR FINISHES AND ADHESIVE.

REV 6

1	TABLE BASE DETAIL	SCALE: 1"=1'-0"



FRONT OF WALL STAND

1 MOUNTING HOLES
2 ALTERNATE MOUNTING HOLES

THERE IS CURRENTLY NO CHEMICAL ANCHOR SOLUTION, PROVIDED BY THE FACTORY, FOR THE MULTIX FUSION MAX.
UNTIL FURTHER NOTICE THE CHEMICAL SOLUTION PROVIDED BY EASE CO. MUST BE USED FOR THE MULTIX FUSION MAX.

NOTES:
THE WALL STAND MUST BE INSTALLED ON A SOLID STRUCTURE WITH SUFFICIENT LOADING BEARING CAPACITY. THE STRUCTURAL ENGINEER OF RECORD SHALL BE RESPONSIBLE FOR THE DESIGN AND DETAIL OF THIS ANCHORING STRUCTURE. THE MINIMUM STRUCTURAL AREA TO INCLUDE THE WALL STAND BASE LOCATION AND THE AREA SURROUNDING THE BASE.

THERE ARE EIGHT HOLES IN THE WALL STAND BASE FOR ANCHORING. FOUR POINTS OUT OF EIGHT ARE REQUIRED FOR PROPER INSTALLATION.

THE MAXIMUM TENSILE FORCE PER ANCHOR POINT IS 697 LBS.

TO ENSURE SUFFICIENT ANCHORING, A MINIMUM CONCRETE THICKNESS OF 6 5/16" IS REQUIRED, WITH A MINIMUM CONCRETE QUALITY OF 3700 PSI.

IT IS RECOMMENDED THAT THE FLOOR SHALL BE TRUE, SMOOTH, AND LEVEL WITHIN 3/16" OVER 3 FT WITHIN A MINIMUM OF 3" AROUND ALL FOUR SIDES OF THE BASE.

INSTALLATION	ANCHOR	REQ'D THICKNESS	QTY. ANCHORS
STANDARD	HSL-4 M12/25	6 1/4" SOLID 3 1/8" MIN. EMBEDMENT	4 REQUESTED THRU MIV
SEISMIC	KWIK BOLT TZ 1/2"	4" SOLID 3 1/4" MIN. EMBEDMENT	4 REQUESTED THRU MIV
CHEMICAL	HIT-V M12 / 1/2"	4" SOLID 2 3/4" MIN. EMBEDMENT	4 REQUESTED THRU MIV
	HIT-HY 200 VR USED WITH FACTORY PROVIDED WASHERS		
CHEMICAL	HIT-HY 200 VR 1/2" THREADED ROD (GR36), 2" SQUARE X 17/32" I.D. X 1/4" PLATE WASHER (A36)		

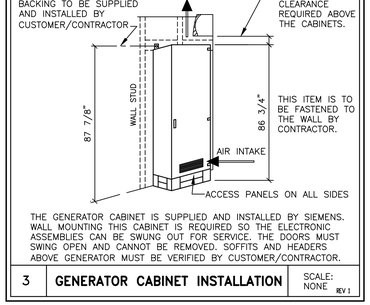
REV 8

2	WALL STAND BASE DETAIL	SCALE: 1"=1'-0"

ACCESSORY ITEMS MOUNTING

VARIOUS ACCESSORY ITEMS MAY BE PURCHASED WITH THIS SIEMENS SYSTEM THAT INCLUDE STORAGE BRACKETS FOR WALL MOUNTING. THE LOCATION OF THESE ITEMS WILL DEPEND ON EACH CUSTOMER'S PREFERANCE AND WORKFLOW. FOR ALL ACCESSORY ITEMS PURCHASED, THE CUSTOMER IS RESPONSIBLE FOR LOCATING AND INSTALLING ALL STORAGE BRACKETS, AND PROVIDING ANY NECESSARY BACKING OR MOUNTING SUPPORT FOR THESE ITEMS.

REV 0



THE GENERATOR CABINET IS SUPPLIED AND INSTALLED BY SIEMENS. WALL MOUNTING THIS CABINET IS REQUIRED SO THE ELECTRONIC ASSEMBLIES CAN BE SWUNG OUT FOR SERVICE. THE DOORS MUST SWING OPEN AND CANNOT BE REMOVED. SOFFITS AND HEADERS ABOVE GENERATOR MUST BE VERIFIED BY CUSTOMER/CONTRACTOR.

3	GENERATOR CABINET INSTALLATION	SCALE: NONE REV 1

CEILING PLAN LEGEND

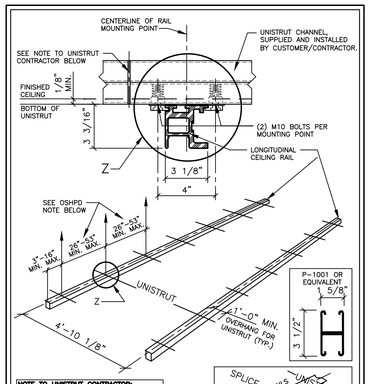
SUPPLIED/INSTALLED BY SIEMENS

SYM	DESCRIPTION	DET
A	LONGITUDINAL RAILS ATTACHED TO UNISTRUT	4
B	TRANSVERSE BRIDGE MOVES ALONG LONGITUDINAL RAILS	–
C	TELESCOPE MOVES ALONG TRANSVERSE BRIDGE	–
Z	LONGITUDINAL RAIL SUPPORT MOUNTING POINT BOLTED TO UNISTRUT FRAME	4,5

SUPPLIED/INSTALLED BY CUSTOMER/CONTRACTOR

SYM	DESCRIPTION	DET
X	"P-1001 OR EQUIVALENT" UNISTRUT MOUNTED 1/8" MIN. BELOW FINISHED CEILING. MUST BE LEVEL WITHIN ±1/8".	5

NOTE:
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 SYSTEM.



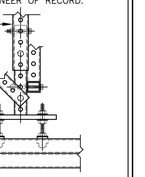
MOUNTING POINT "Z" IS TYPICAL OF ALL INTERSECTIONS OF UNISTRUT AND CEILING LONGITUDINAL RAILS. THE MAXIMUM LOAD PER MOUNTING POINT "Z" IS 1,125 LBS (EXCEPT WHERE SEISMIC LOADS GOVERN). SUB-STRUCTURE (I.E. UNISTRUT) DEFLECTION <1/16" OVER 3 FT.

MOUNTING DETAIL FOR 3M TRANSVERSE BRIDGE

4	CEILING RAILS	SCALE: NONE

STRUCTURAL NOTES

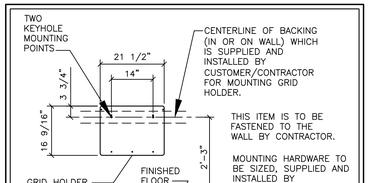
1) THE CUSTOMER/CONTRACTOR SHALL FURNISH AND INSTALL ALL STRUCTURAL SUPPORT MEMBERS AND NEEDED HARDWARE FOR THE INSTALLATION OF THE SIEMENS EQUIPMENT.
2) THE OVERHEAD STRUCTURAL SUPPORT SYSTEM SHALL BE FIXED, RIGID AND BRACED FOR SWAY.
3) ALL STRUCTURAL SUPPORT MEMBERS SHALL BE TRUE, SQUARE, LEVEL, PARALLEL AND COPLANAR WITH RESPECT TO EACH OTHER, WITH A HORIZONTAL STRUCTURAL SUPPORT MEMBER TO BE LOCATED AND SET WITH A TRANSIT.
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 SYSTEM.
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 MATERIALS.
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. ALL WORK FOR SECURING THESE MOUNTS SHALL BE BY THE CONTRACTOR.



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 P1001 UNISTRUT CHANNELS. REV 9

5	UNISTRUT DETAIL	SCALE: NONE



WT. = 22 #

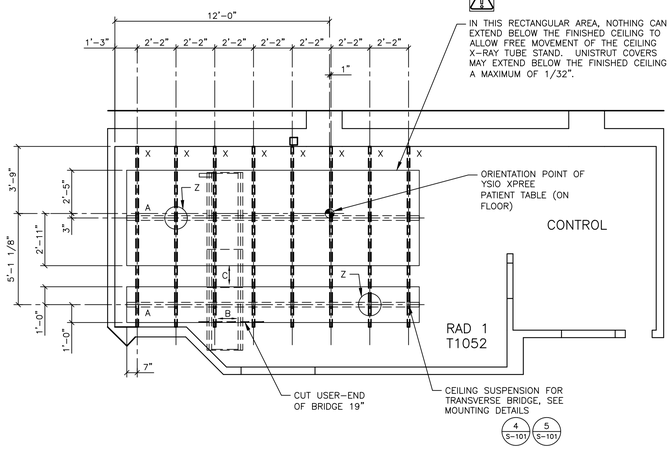
FRONT ELEVATION FOR SUGGESTED GRID HOLDER MOUNTING REV 2

6	HOLDER MOUNTING	SCALE: 1/2"=1'-0"

YSIO XPREE REV 13

STRUCTURAL CEILING PLAN

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



CEILING HEIGHT RANGE	RECOMMENDED CEILING HEIGHT
SEE CEILING HEIGHT REQUIREMENTS	
8'-9" TO 10'-2"	9'-6"

SYM	DATE	DESCRIPTION
0	11/18/25	2415088RC DATED 09/30/25 APPROVED BY CUSTOMER FOR FINALS

-ISSUE BLOCK-

PROJECT MANAGER: JOAS AGUILAR VALLEJO
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JPS HEALTH NETWORK
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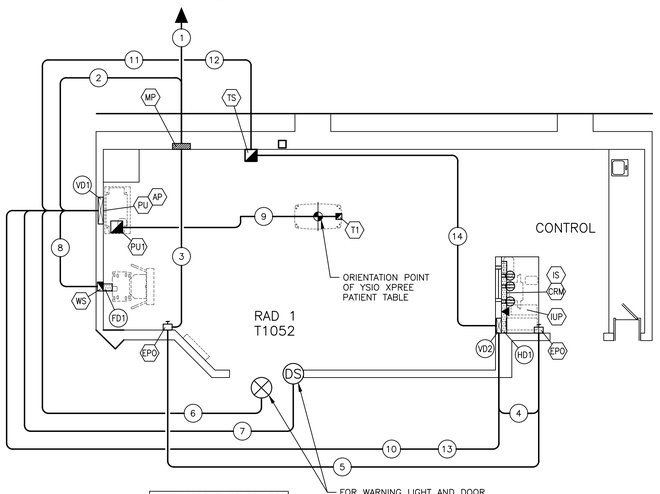
RAD 1 T1052 - YSIO X.PREE

PROJECT #: 2415088
SHEET 3 OF 5
DRAWN BY: T. ARMACOST
SCALE: AS NOTED
REF. #: 30304669
DATE: 11/18/25
SHEET: S-101

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.

REFERENCE DOCUMENT - NOT FOR CONSTRUCTION



ELECTRICAL RACEWAY PLAN

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

CONDUIT LENGTH CALCULATIONS

FOR SITE SPECIFIC INSTANCES WHERE CABLES ARE BEING ROUTED IN A COMBINATION OF CONDUIT AND DUCTS, THE MAXIMUM LENGTH FOR THOSE CONDUITS, AS LISTED ON THE ELECTRICAL LEGEND, HAS BEEN CALCULATED BASED UPON THE DUCT LAYOUT SHOWN AND THE FOLLOWING ASSUMED VALUES:

1) VERTICAL DUCTS – 10'-0"
2) FLOOR PENETRATIONS THROUGH CONCRETE SLAB – 3'-0"

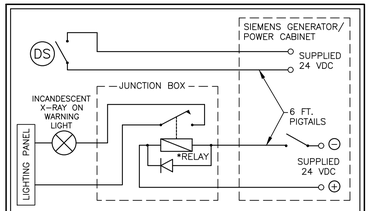
IF THE ACTUAL SITE SPECIFIC CONDITIONS EXCEED THESE ASSUMED VALUES AND/OR THE DUCT LOCATIONS ARE ALTERED, IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO RECALCULATE THE MAXIMUM LENGTH OF THE CONDUITS EFFECTED.

REV 0

SYMBOLS

ALL MAY NOT APPLY

	MAIN PANEL OR ENCLOSURE BY CUSTOMER/CONTRACTOR
	OPENING IN RACEWAY OR TRENCHDUCT
	PULLBOX IN (FLOOR/WALL/CEILING)
	OPENING IN ACCESS FLOORING
	WARNING LIGHT (X-RAY ON)
DS	DOOR SAFETY SWITCH (OPTIONAL)
	(EPO) EMERGENCY POWER OFF BUTTON
	TRENCHDUCT
	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 UNLESS OTHERWISE STATED.
	110 VOLT, 20 AMP, HOSPITAL GRADE QUAD OUTLET
L6-30R	SPECIAL PURPOSE RECEPTACLE



*NORMALLY OPEN RELAY WITH A 24 VOLT, DC COIL (NOT TO EXCEED 5 WATTS) AND A STEERING DIODE WIRED OVER THE RELAY COIL, SUPPLIED AND INSTALLED BY ELECTRICAL CONTRACTOR. SIEMENS TO PROVIDE CONTROL SIGNAL TO RELAY. CONTRACTOR SUPPLIED AND INSTALLED JUNCTION BOX.

WARNING LIGHT AND DOOR SWITCH SCHEMATIC

1	AUXILIARY WIRING	SCALE: NONE REV 0

CABLE PROTECTION

CABLES ARE NOT PLENUM RATED. ALL CABLES MUST BE ROUTED IN CABLE DUCTS OR CABLE CONDUITS.

CONTRACTOR SUPPLIED ITEMS

ALL ITEMS, INCLUDING BUT NOT LIMITED TO CONDUITS, DUCTS, CIRCUIT BREAKERS, EMERGENCY OFF BUTTONS, DOOR SWITCHES, AND WARNING LIGHTS, SHOWN IN THESE PLANS ARE TO BE SUPPLIED AND INSTALLED BY THE CUSTOMER/ELECTRICAL CONTRACTOR, UNLESS OTHERWISE SPECIFIED.

CABLE LENGTH LIMITATIONS

THE CONDUITS ARE SHOWN SCHEMATICALLY IN THIS PLAN AND MUST BE RUN IN THE SHORTEST POSSIBLE DISTANCE BETWEEN TERMINATION POINTS. ANY VARIATION IN THE ROUTING OF DUCTS COULD RESULT IN CABLE LENGTH LIMITATIONS BEING EXCEEDED. THEREFORE, ANY CHANGES MUST BE APPROVED BY THE SIEMENS PROJECT MANAGER.

CABLE SEPARATION

THIS ELECTRICAL RACEWAY PLAN DEPICTED IN THIS DRAWING IS PLANNED ACCORDING TO SIEMENS SYSTEM REQUIREMENTS AND UL CERTIFICATION OF THIS SYSTEM. ADDITIONAL SEPARATION OF THE SYSTEM CABLE SETS INTO SEPARATE OR PARTITIONED RACEWAYS UNLESS OTHERWISE NOTED IS NOT NECESSARY TO ENSURE SEPARATION OF CIRCUITS. INTERCONNECTING CABLE SETS ARE TESTED AS PART OF THE SYSTEM, AND ARE NOT CONSIDERED PREMISE WIRING.

THE CUSTOMER ASSUMES ALL RESPONSIBILITY AND LIABILITY FOR ANY ADDITIONAL SEPARATION REQUIREMENTS INCLUDING, BUT NOT LIMITED TO: DETERMINING THE NEED FOR ADDITIONAL SEPARATION AND DETERMINING ANY ADDITIONAL ITEMS NEEDED OTHER THAN THOSE IDENTIFIED ON THIS PLAN.

ELECTRICAL LEGEND

SYM	SIZE	DESCRIPTION	REMARKS
		SUPPLIED AND INSTALLED BY CUSTOMER/CONTRACTOR	
EM, ES	---	OPENING IN FACE OF "HD1". EXACT LOCATION AND SIZE TO BE DETERMINED AT TIME OF EQUIPMENT INSTALLATION IN COORDINATION WITH SIEMENS INSTALLATION PERSONNEL.	FOR CONTROL EQUIPMENT
EPO	---	EMERGENCY POWER OFF BUTTON WITH PROTECTIVE COVER, MOUNTED 5'-0" ABOVE THE FINISHED FLOOR.	SEE POWER SCHEDULE
UP	---	UPS FOR IMAGING SYSTEM, WIRED TO EPO CONTACTS.	SEE POWER SCHEDULE
MP	---	MAIN PANEL WITH MAIN BREAKER. EXACT LOCATION DETERMINED BY CUSTOMER/CONTRACTOR.	SEE POWER SCHEDULE
PU, AP	18"x6"	OPENING IN FACE OF "VD1" AT THE FLOOR LINE. TO ACCOMMODATE CONDUIT TRANSITIONS, ADD A 12" x 12" JUNCTION BOX ATTACHED TO VERTICAL DUCT IN THE CEILING.	FOR GENERATOR W/ ACCESS POINT
PU	8"x8"x6"	PULL BOX MOUNTED FLUSH WITH FINISHED FLOOR AND FITTED WITH WATERPROOF COVER.	SIZED BY ELEC. CONTRACTOR
T1	4"x4"x4"	PULL BOX MOUNTED FLUSH WITH FINISHED FLOOR AND FITTED WITH WATERPROOF COVER.	FOR TABLE
TS	8"x8"x8"	PULL BOX MOUNTED FLUSH WITH FINISHED CEILING, WITH REMOVABLE COVER	FOR FULLY SYNCHRONIZED CEILING STAND
WS	6"x6"x4"	PULL BOX MOUNTED FLUSH WITH FINISHED WALL AT THE FLOOR LINE AND FITTED WITH REMOVABLE COVER.	FOR WALL STAND
FB1	4 3/4"x1 3/4"	FLOOR DUCT (6" LONG WIREMOLD 4000 OR EQUIVALENT) SURFACE MOUNTED ON FLOOR FROM PULL BOX "WS" TO REAR OF WALL STAND BASE, TO PROVIDE COVER FOR CABLES.	FOR WALL STAND
HB1	6"x3 1/2"	HORIZONTAL DUCT SURFACE MOUNTED ON WALL JUST BELOW THE CONTROL COUNTER AND CONNECTED TO "VD2".	FOR CONTROL EQUIPMENT
WD	18"x3 1/2"	VERTICAL DUCT MOUNTED FLUSH WITH FINISHED WALL FROM ABOVE FINISHED CEILING TO END AT THE FLOOR LINE. THIS DUCT MUST BE DIVIDED INTO THREE EQUAL SECTIONS, TO PROVIDE FOR SEPARATION OF POWER CABLES.	FOR GENERATOR
WD	10"x3 1/2"	VERTICAL DUCT MOUNTED FLUSH WITH FINISHED WALL FROM ABOVE FINISHED CEILING TO END AT THE FLOOR LINE. THIS DUCT MUST BE DIVIDED INTO TWO SECTIONS: ONE 4" SECTION AND ONE 6" SECTIONS, TO PROVIDE FOR SEPARATION OF POWER CABLES.	FOR CONTROL EQUIPMENT
	–	NOTE: WARNING LIGHTS AND DOOR SWITCHES ARE SUPPLIED AND INSTALLED BY THE CUSTOMER/CONTRACTOR. SEE "AUXILIARY WIRING" DETAIL.	
1	AS REQUIRED	CONDUIT FROM POWER SOURCE TO MAIN PANEL (MP).	SIZED BY ELEC. CONTRACTOR
2	---	CONDUIT FROM "MP" TO "VD1" (PU). (POWER TO "PU")	SIZED BY ELEC. CONTRACTOR
3	---	CONDUIT FROM "MP" TO "EPO".	SIZED BY ELEC. CONTRACTOR
4	---	CONDUIT FROM "VD2" (IUP) TO "EPO" (IMAGE SYSTEM UPS WIRED TO EPO CONTACTS).	SIZED BY ELEC. CONTRACTOR
5	AS REQUIRED	CONDUIT FROM "EPO" TO "EPO".	SIZED BY ELEC. CONTRACTOR
6	AS REQUIRED	CONDUIT FROM "VD1" (PU) VIA RELAY CIRCUITRY TO WARNING LIGHT.	SIZED BY ELEC. CONTRACTOR
7	AS REQUIRED	CONDUIT FROM "VD1" (PU) TO DOOR SWITCH.	SIZED BY ELEC. CONTRACTOR
8	3" DIA.	CONDUIT FROM "VD1" (PU) TO "WS".	MAX. CONDUIT LENGTH 23 FT.
9	2 1/2" DIA.	CONDUIT FROM "PU1" TO "T1".	MAX. CONDUIT LENGTH 30 FT.
10	(2) 2" DIA.	CONDUITS FROM "VD1" (PU) TO "VD2" (IS).	MAX. CONDUIT LENGTH 35 FT.
11	(2) 2 1/2" DIA.	CONDUITS FROM "VD1" (PU) TO "TS".	MAX. CONDUIT LENGTH 19.5 FT.
12	2" DIA.	CONDUIT FROM "VD1" (PU) TO "TS".	MAX. CONDUIT LENGTH 19.5 FT.
13	2 1/2" DIA.	CONDUITS FROM "VD1" (PU)" TO "VD2" (CRM).	MAX. CONDUIT LENGTH 35 FT.
14	1 1/2" DIA.	CONDUIT FROM "VD2" (IS) TO "TS".	MAX. CONDUIT LENGTH 81 FT.

CONTRACTOR SUPPLIED CABLES

FROM	VIA	TO	DESCRIPTION	REMARKS
PANEL	1	MP	DETERMINED BY ELECTRICAL CONTRACTOR.	SEE POWER SCHEDULE.
MP	2,VD1	PU	DETERMINED BY ELECTRICAL CONTRACTOR.	SEE POWER SCHEDULE
MP	3	EPO	DETERMINED BY ELECTRICAL CONTRACTOR.	SEE POWER SCHEDULE
IUP	HD1,VD2,4	EPO	DETERMINED BY ELECTRICAL CONTRACTOR.	SEE POWER SCHEDULE
EPO	5	EPO	DETERMINED BY ELECTRICAL CONTRACTOR.	SEE POWER SCHEDULE
PU	VD1,6	WL	DETERMINED BY ELECTRICAL CONTRACTOR.	SEE AUXILIARY WIRING DTL.
PU	VD1,7	DS	DETERMINED BY ELECTRICAL CONTRACTOR.	SEE AUXILIARY WIRING DTL.

SIEMENS SUPPLIED CABLES

FROM	VIA	TO	DESCRIPTION	REMARKS
PU	VD1,8	WS	W150F / W150E / W150X BUNDLES (INCLUDES 300V, 125V AND DATA CABLES)	MAX. LENGTH 36 FT.
PU1	9	T1	W140P / W140F BUNDLE (INCLUDES 300V, 30V, 600V AND 125V CABLES)	MAX. LENGTH 36 FT.
PU	VD1,10,VD2,HD1	IS	W500, W610 BUNDLES (INCLUDES 300V AND FIBER OPTIC CABLES)	MAX. LENGTH 59 FT.
PU	VD1,10,VD2,HD1	IS	W500, W610, W150E BUNDLES (INCLUDES 30V AND FIBER OPTIC CABLES)	MAX. LENGTH 59 FT.
PU	VD1,11,12	TS	HIGH TENSION CABLES, W110 BUNDLE (INCLUDES 30V, 300V, 600V AND FIBER OPTIC CABLES).	MAX. LENGTH 32.5 FT.
PU	VD1,13,VD2,HD1	CRM	W310 (300 V CABLE)	MAX. LENGTH 59 FT.
IS	HD1,VD2,14	TS	FIBER OPTIC CAMERA CABLES	MAX. LENGTH 98 FT.

CEILING HEIGHT RANGE	RECOMMENDED CEILING HEIGHT
SEE CEILING HEIGHT REQUIREMENTS	
8'-9" TO 10'-2"	9'-6"

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 SIEMENS EQUIPMENT. THE CONTRACTOR SHALL COORDINATE THIS WORK WITH THE CUSTOMER AND/OR UTILITY COMPANY FIELD REPRESENTATIVE.

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, 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 TYPE.

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.

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 CIRCUITS.

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

YSIO XPREE
REV 13

SYM	DATE	DESCRIPTION
0	11/18/25	241508BRC DATED 09/30/25 APPROVED BY CUSTOMER FOR FINALS

-ISSUE BLOCK-

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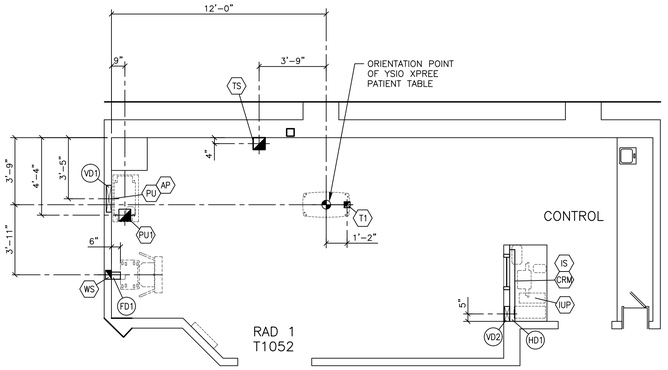
PROJECT #: 2415088
SHEET: E-101
SHEET 4 OF 5
DRAWN BY: T. ARMACOST
SCALE: AS NOTED
REF. #: 30304669
DATE: 11/18/25

ATTENTION:

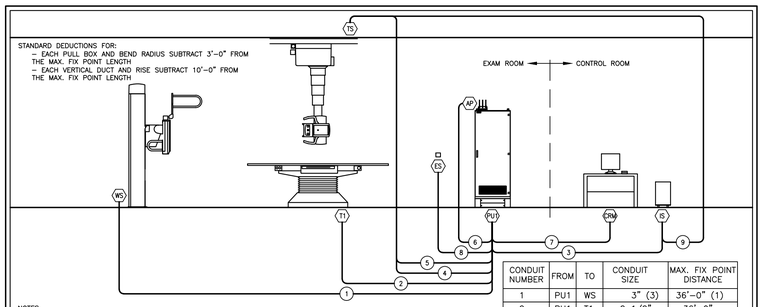
- THIS DRAWING IS DESIGNED TO CONFORM TO FEATURES AND EQUIPMENT REQUIREMENTS PRESENTED AT THE TIME OF THEIR PREPARATION. SINCE BOTH THESE FACTORS ARE SUBJECT TO DESIGN MODIFICATION, THEY ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES.
- THIS SET OF PLANS REPRESENTS A COMPLETE SET OF DETAILS AND SHOULD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

NOT FOR CONSTRUCTION - REFERENCE DOCUMENT



ELECTRICAL DIMENSION PLAN

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



NOTES:
1. EXTENDED CABLE SET AVAILABLE FOR "PU1" TO "WS" (MAX. LENGTH W/ EXT. = 52'–6")
2. MAXIMUM FIX POINT DISTANCE "AP" TO "PU1"/"IS":
   19'–6" FOR GENERATOR MOUNTED INSTALLATIONS VIA PU1.
   82'–0" FOR WALL MOUNTED INSTALLATIONS VIA "IS".
3. CONDUIT SIZED FOR SPLICED CABLE PROVIDED WITH 5M (16 FT.) CABLE EXTENSION, AND/OR W150E CABLES FOR STATIC DETECTOR.
4. ESTOPS APPLY TO FULLY–AUTOMATED SYSTEMS ONLY.

CONDUIT NUMBERS SHOWN IN THIS ILLUSTRATION APPLY ONLY TO THE LEGEND SHOWN. THERE IS NO CORRELATION TO THE CONDUIT NUMBERS SHOWN ON ANY FINAL DRAWING FOR A SPECIFIC SITE PLAN.

CONDUIT NUMBER	FROM	TO	CONDUIT SIZE	MAX. FIX POINT DISTANCE
1	PU1	WS	3" (3)	36'–0" (1)
2	PU1	T1	2 1/2"	36'–0"
3	PU1	IS	2– 2"	59'–0"
4	PU1	TS	2– 2 1/2"	32'–6"
5	PU1	TS	2 1/2"	32'–6"
6	PU1	AP	1 1/2"	(2)
7	PU1	CRM	2 1/2"	59'–0"
8 (4)	PU1	ES	1"	60'–0"
9	IS	TS	1 1/2"	98'–0"

( ) – REFER TO NOTES

– YSIO XPREE CONNECTION DIAGRAM — SCALE: NONE

POLYDOROS R80–2 80kW

X–RAY GENERATOR POWER REQUIREMENTS

INCOMING POWER:	480V WYE, 3 PHASE, 60Hz
CIRCUIT BREAKER:	80 AMPS.
GENERATOR OUTPUT:	80 kW
ALLOWABLE IMPEDANCE:	≤ 0.16 Ω
MAXIMUM MOMENTARY LOAD:	126 kVA
LINE VOLTAGE VARIATION:	± 10% MAX.
PHASE IMBALANCE:	± 2%
FREQUENCY VARIATION:	± 1 Hz

NOTE:

ALL INCOMING POWER SUPPLIES, FOR THE SIEMENS EQUIPMENT, ARE TO BE DEDICATED (BACK TO SOURCE) ISOLATED AND INSULATED FROM ANY OTHER EQUIPMENT, SUCH AS, ELEVATORS, GENERATORS, HVAC SYSTEMS, ETC.

A NEUTRAL CONDUCTOR IS NOT USED FOR THE LINE VOLTAGE CONNECTION TO THE SIEMENS EQUIPMENT.

IF AN ON–SITE TRANSFORMER IS REQUIRED TO OBTAIN XP MODALITY OPERATING VOLTAGE, IT MUST BE OF SUFFICIENT CAPACITY AND CHARACTERISTICS TO MAINTAIN SUPPLY VOLTAGE AND IMPEDANCE REQUIREMENTS (TRANSFORMER & CONDUCTORS).

ATTENTION:

SIEMENS MEDICAL SYSTEMS, INC. RECOMMENDS THAT THE INCOMING POWER LINES BE ANALYZED WITH RESPECT TO TRANSIENT SURGES AND IMPULSES, SAGS, AND OVERVOLTAGES.

GROUNDING NOTES

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 <u>≤500mA</u> DURING OPERATION OF THE IMAGING EQUIPMENT.

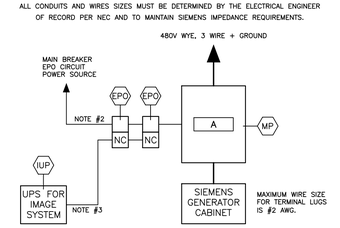
POWER QUALITY

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 SPECIFICATIONS.

POWER SCHEDULE

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



ITEM	QTY	DESCRIPTION
MP	1	MAIN PANEL WITH CIRCUIT BREAKER FLUSH OR SURFACE MOUNTED.
A	1	BREAKER MUST HAVE TRIPPING DEVICE SO WHEN ANY EPO IS PRESSED THE BREAKER TRIPS.
		BREAKER AMPS: SEE POWER REQUIREMENTS

VOLTS	PHASES	NEUTRAL	GROUND	TOTAL WIRES
480 WYE	3	0	1	4 (NOTE 1)

1) ALL WIRES MUST BE SAME SIZE.

NOTE: UNLESS OTHERWISE NOTED, ALL BREAKERS WILL BE 80% RATED

EPO	VARIES	NOTE 2 – EPO CIRCUIT #1 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 RESUME OPERATION. CONTACTS AND WIRING CONFIGURATION TO BE DESIGNED BY ELECTRICAL ENGINEER OF RECORD. NOTE 3 – EPO CIRCUIT #2 EPO CONTACTS TO BE <u>NORMALLY CLOSED</u>, WIRED IN SERIES, CONNECTED TO UPS ONLY. 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 MEDICAL EQUIPMENT IS POWERED. THE CUSTOMER IS SOLELY RESPONSIBLE FOR THE IMPLEMENTATION OF THE EPOs AND THEIR ASSOCIATED CIRCUITS AND MUST MAKE THE FINAL DETERMINATION CONSIDERING ALL SITE CONDITIONS AND REGULATORY FACTORS.

ALL ITEMS LISTED IN THIS SCHEDULE SHALL BE SUPPLIED AND INSTALLED BY CUSTOMER/CONTRACTOR.

YSIO XPREE
REV 13

SYM	DATE	DESCRIPTION
0	11/18/25	2415088RC DATED 09/30/25 APPROVED BY CUSTOMER FOR FINALS

–ISSUE BLOCK–

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PROJECT #: 2415088
SHEET OF 5 5
DRAWN BY: T. ARMACOST
DATE: 11/18/25
SCALE: AS NOTED
REF. #: 30304669

SHEET: E-102

ATTENTION:

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