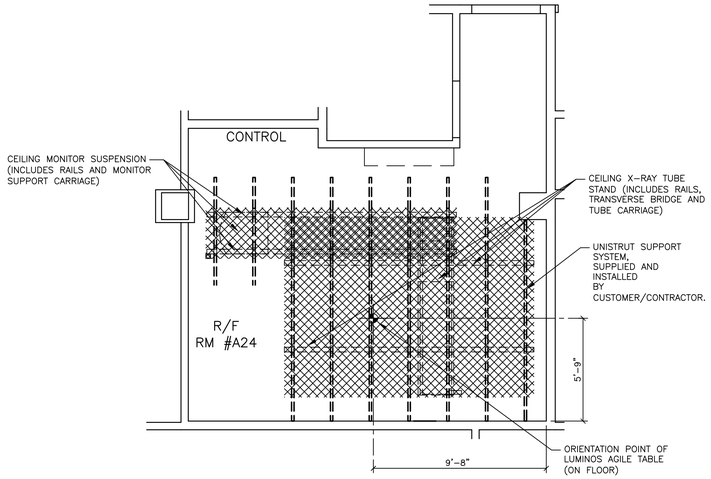


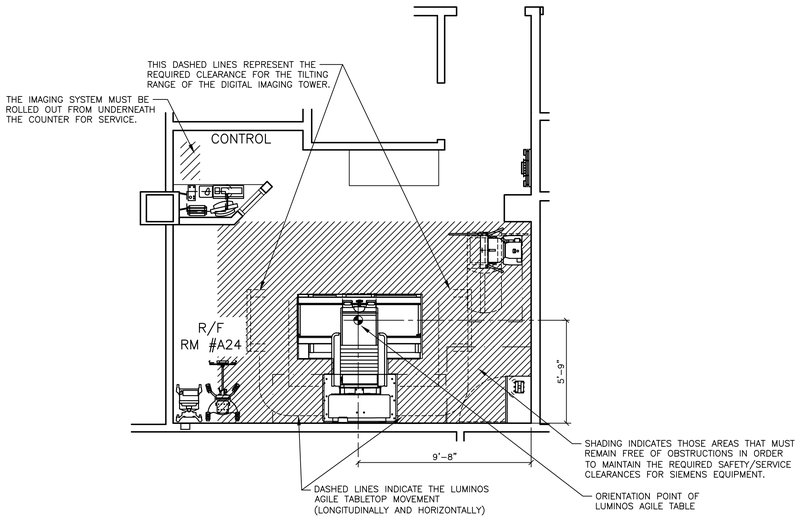
ATTENTION! SHADED AREAS INDICATED MUST BE KEPT FREE OF CEILING FIXTURES AND OTHER NON-SYSTEM ITEMS THAT MAY PROJECT DOWNWARD FROM THE CEILING (I.E. AIR VENTS, SPRINKLERS, CEILING LIGHTS, ETC.). PLEASE COORDINATE ANY POSSIBLE CONFLICTS WITH SIEMENS PROJECT MANAGER.

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"

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

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.

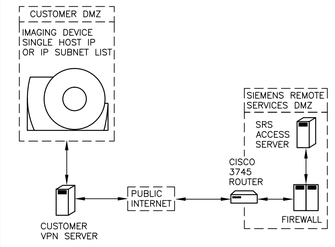
3) THE CUSTOMER/CONTRACTOR SHALL BE RESPONSIBLE FOR FABRICATING, SUPPLYING AND INSTALLING ALL LIGHT, MECHANICAL AND STRUCTURAL SUPPORTING SYSTEMS. SIEMENS MEDICAL SOLUTIONS INC. IS ONLY RESPONSIBLE FOR THE SUPPLYING, INSTALLING AND CALIBRATION OF SMS EQUIPMENT AS SPECIFIED ON THE EQUIPMENT SCHEDULE AS 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 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.



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

LUMINOS AGILE
REV 11

SYM	DATE	DESCRIPTION
0	12/22/16	PRELIMINARY REV 8 DATED 08/18/16 APPROVED BY CUSTOMER FOR FINALS

-ISSUE BLOCK-

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SIEMENS

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R/F RM #A24 - LUMINOS AGILE

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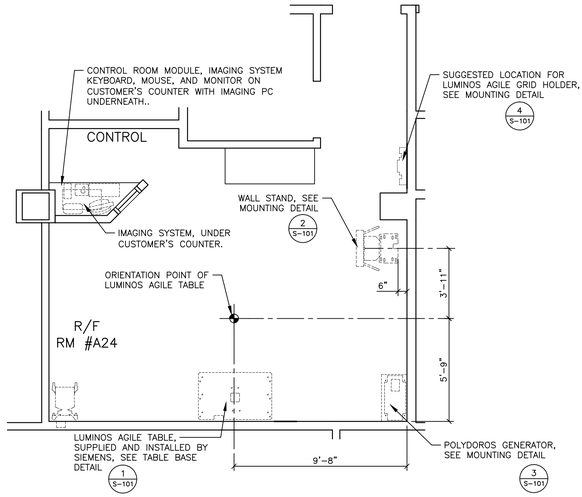
PROJECT #: 1603122
SHEET: A-102
SHEET OF 2
DRAWN BY: R.SOZA
SCALE: AS NOTED
REF. #: 30179429
DATE: 12/22/16

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



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

STRUCTURAL FLOOR PLAN

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

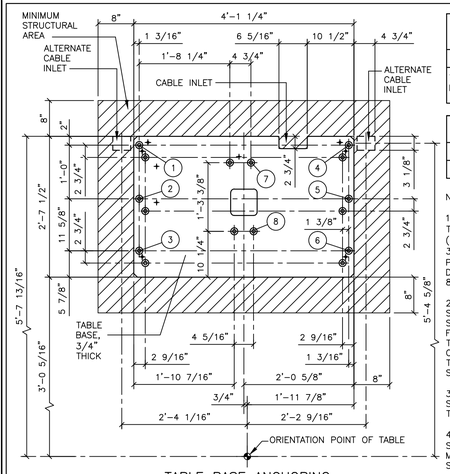


TABLE BASE ANCHORING

MAXIMUM ANCHORING POINT FORCES IN POUNDS								
POINTS	1	2	3	4	5	6	7	8
TENSILE FORCE	1,352	686	20	1,517	851	182	1,517	851

HILTI ANCHOR	CONCRETE TYPE	REQUIRED THICKNESS
HSL-3-G M12/100	FILLED	4" MAX. FILL, 6 5/16" SOLID
HSL-3 M12/50	SOLID	2" MAX. GROUT, 6 5/16" SOLID

NOTES:

1) THE TABLE IS SUPPLIED AND INSTALLED BY SIEMENS. THE TABLE BASE IS ANCHORED IN EIGHT LOCATIONS WITH 1/2" (M12) DIAMETER BOLTS. THE MINIMUM CONCRETE QUALITY IS 3700 PSI. ALTERNATE ANCHORING POINTS (ADJACENT TO PRIMARY) ARE PROVIDED. MOUNTING POINTS 1-6 CAN BE DRILLED DIRECTLY FROM THE BASE. MOUNTING POINTS 7 AND 8 MUST BE DRILLED SEPARATELY.

2) THE TABLE BASE MUST BE INSTALLED ON A SOLID STRUCTURE WITH SUFFICIENT LOAD-BEARING CAPACITY. THE STRUCTURAL ENGINEER OF RECORD SHALL BE RESPONSIBLE FOR THE DESIGN AND DETAIL OF THIS ANCHORING STRUCTURE. THE MINIMUM STRUCTURAL AREA, INDICATED BY THE SHADING ON THIS DETAIL, INCLUDING THE TABLE BASE LOCATION AND THE AREA SURROUNDING THE BASE MUST BE DEFINED BY THE S.E.O.R..

3) 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.

4) IT IS RECOMMENDED THAT THE FLOOR SHALL BE TRUE, SMOOTH, AND LEVEL WITHIN 3/16" OVER 3 FT IN THE MOUNTING AREA OF THE TABLE BASE, AS INDICATED BY THE SHADING.

REV 1

1	LUMINOS AGILE TABLE BASE MOUNTING DETAIL	SCALE: 3/4"=1'

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.

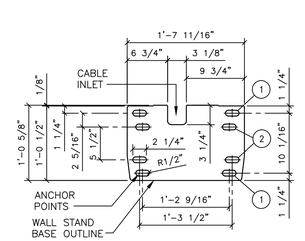
5) MOUNTING PLATES, FRAMES, AND HARDWARE SUPPLIED BY SIEMENS AS DETAILED IN THIS DRAWING SET ARE INSTALLED BY SIEMENS UNLESS OTHERWISE REQUIRED. ANY DEVIATION FROM THE PROVIDED MATERIALS OR MOUNTING METHODS MUST BE DESIGNED AND DOCUMENTED BY THE STRUCTURAL ENGINEER OF RECORD. ALTERNATE MOUNTING MATERIALS (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.



FRONT OF WALL STAND

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 ANCHORING 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.

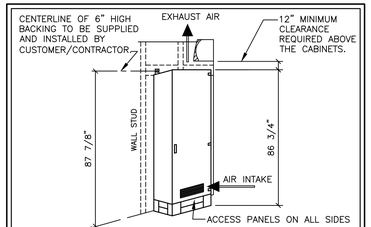
APPROVED ANCHORS:
- HILTI HSL-3M 12/100
- HILTI HSL-3M 12/25

IT IS RECOMMENDED THAT THE AREA OF THE FLOOR WHERE THE WALL STAND IS TO BE INSTALLED BE LEVEL WITHIN 3/16" OVER 3 FT.

(1) MOUNTING HOLES
(2) ALTERNATE MOUNTING HOLES

REV 3

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



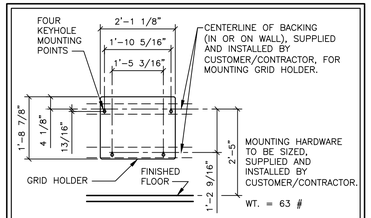
THE GENERATOR CABINET IS SUPPLIED AND INSTALLED BY SIEMENS. WALL MOUNTING THIS CABINET IS REQUIRED SO THE ELECTRONIC ASSEMBLIES CAN BE SWUNG OUT FOR SERVICE. THE DOORS MUST SWING OPEN AND CANNOT BE REMOVED. SOFFITS AND HEADERS ABOVE GENERATOR MUST BE VERIFIED BY CUSTOMER/CONTRACTOR.

3	GENERATOR CABINET INSTALLATION	SCALE: NONE REV 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



FRONT ELEVATION FOR SUGGESTED GRID HOLDER MOUNTING REV 1

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

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

LUMINOS AGILE REV 11

SYM	DATE	DESCRIPTION
1	12/22/16	PRELIMINARY REV 8 DATED 08/18/16 APPROVED BY CUSTOMER FOR FINALS.

-ISSUE BLOCK-

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SIEMENS

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R/F RM #A24 - LUMINOS AGILE

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SCALE: AS NOTED REF. #: 30179429

PROJECT #: 1603122

SHEET OF 3 DRAWN BY: R.SOZA

DATE: 12/22/16

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.
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REFERENCE DOCUMENT - NOT FOR CONSTRUCTION