

UCDH PROJECT #9557740

SESP 1P742 1P745 CT SCANNER REPLACEMENT

UNIVERSITY OF CA DAVIS, MEDICAL CENTER

2315 STOCKTON BLVD.
SACRAMENTO, CALIFORNIA 95817

100% CONSTRUCTION DOCUMENTS

ABBREVIATIONS AND SYMBOLS		GENERAL NOTES		VICINITY MAP		SHEET INDEX	
& L @ DIA # (E) (N) d PL AC A.D. ADJ. A.F.F. AGGR. AHJ ALD ALUM. APPROX. ARCH. BD. BITUM. BLDG. BLKG. BM B.N. BOTT. B.U. C.B. CEM. C.E.P.S. CER. C.F.C.I. C.I. C.J. CLKG CLNG. CLR. C.M.T. C.M.U. CNTR. C.O. COL. CONC. CONN. CONSTR. CONT. CT. CTSK. D.A. DBL DIM. DN. D.O. DR. DRW. DS. DTL. DWG. E.A. E.I.F.S. E.J. EL. ELEC. ENCL. E.O. E.P.S. EQ. EXP. EXT. F.A.I. F.D. F.F. FIN. FL. FLASH. FLUOR. F.U.O. F.O.S. FT. FTG. FURR. FUT. GA. GALV. G.B. G.I. GL. GND. GRD. GYP. AND ANGLE AT DIAMETER NUMBER EXISTING NEW PENNY PLATE ASPHALT CONCRETE AREA DRAIN ABOVE FINISHED FLOOR AGGREGATE AUTHORITY HAVING JURISDICTION ASSISTIVE LISTENING DEVICE ALUMINUM APPROXIMATE ARCHITECTURAL ASGB ACCESSIBLE BOARD BITUMINOUS BUILDING BLOCKING BEAM BULLNOSE BOTTOM BUILT-UP CATCH BASIN CEMENT CEMENTICIOUS EXTERIOR PLASTER SYSTEM CONTRACTOR FURNISHED CONTRACTOR INSTALLED CAST IRON CONSTRUCTION JOINT CAULKING CEILING CLEAR CERAMIC MOSAIC TILE CONCRETE MASONRY UNIT COUNTER CLEAN OUT COLUMN CONCRETE CONNECTOR CONSTRUCTION CONTINUOUS CERAMIC TILE COUNTERSINK DISABLED ACCESSIBLE DOUBLE DIMENSION DOWN DOOR OPENING DOOR DRAWER DOWNSPOUT DETAIL DRAWING EACH EXTERIOR INSULATING FINISHING SYSTEM EXPANSION JOINT ELEVATION ELECTRICAL ENCLOSURE EDGE OF (CEMENTICIOUS) EXTERIOR PLASTER SYSTEM EQUAL EXPOSED EXTERIOR FOR ADDITIONAL INFORMATION FLOOR DRAIN SYMM. FINISH FLOOR FLASHING FLUORESCENT FACE OF FACE OF FINISH FACE OF STUDS FOOT/FEET FOOTING FURRING FUTURE GAUGE GALVANIZED GRAB BAR GALVANIZED IRON GLASS GROUND GRADE GYP. H. H.C. HDWD. H.M. HORIZ HR. ID. INSUL. INT. JT. K.S. LAM. LAV. MAX. M.B. M.C. MED. MEMBRANE MFR. MIN. MIR. MISC. M.O. MTD. MTL. MUL. N N.I.C. NLR NO. NOM. N.T.S. O.A. O.C. O.D. OP.H. OP.C.I. O.F.O.I. OPNG. OPP. PLAS. PLAM. PLYWOD. PM PANEL PRECAST P.T. PARTITION QUARRY TILE R.A. R.D. REINQ. REQUIRED REQS RESIL. R.O. RWL S SHT. SIMILAR S.M.S. SQ. S.S. STD. STL. STOR. STRUCT. SUSP. SYMMETRICAL T&G TEL. THK. T.O.C. T.O.S. TYP. UNE. U.N.O. U.S. VERT. W WEST W.E. WITHOUT W.C. WOOD W.O. WP. WR. W.S. W.W.F. HEIGHT HOLLOW CORE HARDWOOD HOLLOW METAL HORIZONTAL HOOR INSIDE DIAMETER INSULATION INTERIOR JOINT KNEE SPACE LAMINATE LAVATORY MAXIMUM MACHINE BOLT MEDICINE CABINET MECHANICAL MEDIUM MEMBRANE MANUFACTURER MINIMUM MIRROR MISCELLANEOUS MASONRY OPENING MOUNTED METAL MULLION NORTH NOT INCLUDED IN CONTRACT NAILER NUMBER NOMINAL NOT TO SCALE OVERALL ON CENTER OUTSIDE DIAMETER OPPOSITE HAND OWNER FURNISHED CONTRACTOR INSTALLED OWNER FURNISHED OWNER INSTALLED OPENING OPPOSITE PLASTIC PLASTIC LAMINATE PLYWOOD PRESSED METAL PANEL PRECAST PRESSURE TREATED PARTITION QUARRY TILE RETURN AIR ROOF DRAIN REINFORCING REQUIRED REQUIREMENTS RESILIENT ROUGH OPENING RAIN WATER LEADER SOUTH SHEET SIMILAR SHEET METAL SCREW SQUARE STAINLESS STEEL STANDARD STEEL STAIN STORAGE STRUCTURAL SUSPENDED SYMMETRICAL TONGUE & GROOVE TELEPHONE THICK TOP OF CURB TOP OF STEEL TYPICAL UNDERCOUNTER UNFINISHED UNLESS NOTED OTHERWISE UNDERSIDE VERTICAL WITH WEST WITHOUT WATER CLOSET WOOD WHERE OCCURS WATERPROOF WATER RESISTANT WEATHER STRIP WELDED WIRE FABRIC							

1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE SITE AND SHALL REPORT ANY DISCREPANCIES IN WRITING TO THE CONSTRUCTION MANAGER BY THE MEANS OF AN REQUEST FOR INFORMATION (RFI) OR AS PART OF THE APPLICABLE SHOP DRAWING/SUBMITTAL.

2. SPECIFIC ITEMS NOTED TO BE VERIFIED OR FIELD VERIFIED ARE REQUIRED TO BE VERIFIED PRIOR TO ORDERING MATERIALS OR PROCEEDING WITH THE WORK.

3. CONTRACTOR IS RESPONSIBLE FOR ALL INCIDENTAL WORK NECESSARY TO COMPLETE THE INSTALLATION OF NEW WORK. THIS INCLUDES, BUT IS NOT LIMITED TO, THE REMOVAL AND/OR REINSTALLATION OR ALL EXISTING ITEMS, OF PORTIONS OF THE EXISTING CONSTRUCTION WHETHER SHOWN OR NOT.

4. THE EXISTING FACILITY HAS LEAD CONTAINING MATERIAL IN VARIOUS LOCATIONS. ANY PART OF THE WORK REQUIRING REMOVAL OF LEAD CONTAINING MATERIAL SHALL BE PERFORMED IN ACCORDANCE WITH THE LEAD ABATEMENT SPECIFICATIONS IN THE PROJECT MANUAL.

5. ALL WORK, MATERIALS, METHODS, ETC. SHALL CONFORM TO ALL GOVERNING BUILDING CODES AND REGULATIONS.

6. ANY CONFLICT BETWEEN THESE PLANS AND EXISTING CONDITIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT.

7. ALL WORK SHALL BE IN COMPLETE CONFORMANCE WITH MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS OR AS OTHERWISE OUTLINED IN THE SPECIFICATIONS.

8. USE OF ANY NEW MATERIALS CONTAINING LEAD OR ASBESTOS IS PROHIBITED.

9. DETAILS, MATERIALS AND SCOPE OF WORK SHALL BE CONSIDERED TYPICAL FOR ALL SIMILAR CONDITIONS UNLESS SPECIFICALLY NOTED OTHERWISE.

10. THE TERM "TYPICAL" OR "TYP." SHALL BE CONSTRUED TO MEAN APPLYING TO ALL LIKE OR SIMILAR CONDITIONS IN THE AREAS DESIGNATED FOR WORK SCOPE.

11. ALL DOORS NOT LOCATED BY DIMENSION ON PLANS OR DETAILS SHALL BE 4" FROM FINISH WALL TO DOOR BUCK.

12. ALL DIMENSIONS ARE GIVEN FROM CENTER LINE OF EXISTING STRUCTURAL COLUMN(S)/GRID LINES), FACE OF CONCRETE, OR STUD UNLESS OTHERWISE NOTED.

13. WHERE THERE WILL BE FLOOR PENETRATIONS, FLOOR IS TO BE SCANNED PRIOR TO CONSTRUCTION IN THE PRESENCE OF THE UCDH PROJECT MANAGER.

OWNER:

UCDH MEDICAL CENTER

2315 STOCKTON BOULEVARD

SACRAMENTO, CA 95817

(916) 648-9700

(916) 325-4000

CONTACT: ZACH PRICE

ARCHITECT:

NACHT & LEWIS ARCHITECTS

600 Q STREET, SUITE 100

SACRAMENTO, CA 95811

(916) 325-4000

CONTACT: JOHN FLATH

STRUCTURAL:

BUHLER

600 Q STREET, SUITE 200

SACRAMENTO, CA 95811

(916) 443-0303

CONTACT: JASON PASSALACQUA

MECHANICAL:

R&A ENGINEERING SOLUTIONS, INC.

801 UNIVERSITY AVENUE, SUITE 255

SACRAMENTO, CA 95825

(916) 920-5965

CONTACT: SCOTT CROSBY

ELECTRICAL:

EDGE ELECTRICAL CONSULTING

400 R STREET, SUITE 333

SACRAMENTO, CA 95811

(916) 256-2460

CONTACT: GORDON WONG

PROJECT LOCATION:

SURGERY AND EMERGENCY SERVICES PAVILION, 1ST FLOOR

2315 STOCKTON BLVD

SACRAMENTO, CA 95817

PROJECT DATA:

LOCATION: 1ST FLOOR (GROUND FLOOR) SURGERY AND EMERGENCY SERVICES PAVILION

FACILITY NO: 10619

HCAL BUILDING NO: BLD 02841

SS: 55

SPC RATING: 4

HCAL NPC RATING: 4

OCCUPANCY: I-2 (EXISTING UNCHANGED)

CONSTRUCTION TYPE: 1-A FULLY SPRINKLERED (EXISTING UNCHANGED)

EXISTS & EXIT

TRAVEL DISTANCE: EXISTING UNCHANGED

AREA OF WORK: 2,450 SQ FT

NO NEW SQUARE FOOTAGE ADDED, TENANT IMPROVEMENT ONLY

FIRE PROTECTION NOTES:

1. A "WOMX" BRAND KEY BOX SHALL BE INSTALLED ON THE PREMISES TO FACILITATE EMERGENCY ACCESS TO THE BUILDING, CBC 2022.

2. FLAME SPREAD CLASS OF INTERIOR SURFACES SHALL COMPLY WITH TABLE 8-B.

GENERAL

G111 PROJECT DATA

G121 SITE ACCESSIBILITY PLAN

G131 1ST FLOOR LIFE SAFETY AND ACCESSIBILITY PLAN

G161 ACCESSIBILITY REQUIREMENTS

ARCHITECTURAL

A111 1ST FLOOR OVERALL PLANS

A400 SECTIONS

A511 ENLARGED 1ST FLOOR PLANS

A512 PARTIAL BASEMENT & 2ND FLOOR PLANS

A541 ENLARGED 1ST FLOOR REFLECTED CEILING PLANS

A551 INTERIOR ELEVATIONS

A552 INTERIOR ELEVATIONS

A620 WALL DETAILS

A621 STAIR WALL DETAILS

A622 STAIR WALL DETAILS

A630 UL DETAILS

A631 UL DETAILS

A632 UL DETAILS

A635 BADGER HANGER DETAILS

A640 INTERIOR & CASEWORK DETAILS

A650 SUSPENDED CEILING DETAILS

A651 SUSPENDED CEILING DETAILS

A652 SUSPENDED CEILING DETAILS

A710 DOOR/WINDOW SCHEDULE, DETAILS & EQUIPMENT PLAN

A811 FINISH SCHEDULE & PLAN

A831 EQUIPMENT SCHEDULE & PLAN

A832 PDC EQUIPMENT SCHEDULE & PLAN

MECHANICAL

M001 MECHANICAL LEGEND, NOTES & SHEET INDEX

M002 MECHANICAL SCHEDULES

M111 PARTIAL 1ST FLOOR MECHANICAL AIR BALANCE PRECAUTIONS PLAN

M511 ENLARGED 1ST FLOOR MECHANICAL PLANS

M512 ENLARGED 2ND FLOOR MECHANICAL PLANS

M601 MECHANICAL DETAILS

M602 MECHANICAL DETAILS

M603 MECHANICAL DETAILS

M610 MECHANICAL DETAILS

M605 MECHANICAL DETAILS

M606 MECHANICAL DETAILS

M701 MECHANICAL CONTROLS

PLUMBING

P001 PLUMBING LEGEND, NOTES & SHEET INDEX

P002 PLUMBING SCHEDULES

P511 ENLARGED 1ST FLOOR PLUMBING PLANS

P512 ENLARGED 2ND FLOOR PLUMBING PLAN

P601 PLUMBING DETAILS

P602 PLUMBING DETAILS

ELECTRICAL

E0.01 ABBREVIATIONS, SYMBOLS, SCHEDULE & SHEET INDEX

E1.01 OVERALL FIRST FLOOR - ELECTRICAL

E2.01 ENLARGED FIRST FLOOR PLAN - DEMO & NEW POWER

E2.02 ENLARGED FIRST FLOOR PLAN - DEMO & NEW LIGHTING

E2.03 ENLARGED SECOND FLOOR PLAN - NEW POWER

E3.01 (E) PARTIAL ONE LINE DIAGRAM

E4.01 PANEL SCHEDULES & PANEL LOAD SUMMARY

E4.02 PANEL SCHEDULES & COORDINATION STUDY

E5.01 GE VENDOR DRAWINGS

E5.02 GE VENDOR DRAWINGS

E6.01 PDC LIGHTING VENDOR DRAWINGS - CT ROOM #2

E6.02 PDC LIGHTING VENDOR DRAWINGS - CT ROOM #3

E6.03 PDC LIGHTING VENDOR DRAWINGS - DETAILS

E6.04 PDC LIGHTING VENDOR DRAWINGS - DETAILS

E7.01 DETAILS

E7.02 DETAILS

E7.03 DETAILS

E7.04 DETAILS

E7.05 DETAILS

E7.06 DETAILS

E7.07 DETAILS

TELECOMMUNICATIONS

T0.01 ABBREVIATIONS, SYMBOLS, SCHEDULES, & SHEET INDEX

T1.01 OVERALL FIRST FLOOR PLAN - TELECOM

T2.01 ENLARGED FIRST FLOOR PLAN - DEMO & NEW TELECOM

T7.01 DETAILS

T7.02 DETAILS

T7.03 DETAILS

FIRE SPRINKLERS

FP-1 1ST FLOOR FIRE SPRINKLER PLAN

GE - REVOLUTION APEX (FOR REFERENCE ONLY)

CT 2 (1P745)

C1 COVER SHEET

C2 DISCLAIMER - SITE READINESS CHECKLIST

A1 GENERAL NOTES

A2 EQUIPMENT LAYOUT

A3 RADIATION PROTECTION

A4 EQUIPMENT DIMENSIONS (1)

A5 EQUIPMENT DIMENSIONS (2)

A6 DELIVERY

S1 STRUCTURAL LAYOUT

S2 STRUCTURAL LAYOUT

S3 STRUCTURAL DETAILS (1)

S4 STRUCTURAL DETAILS (2)

M1 HVAC

E1 ELECTRICAL NOTES

E2 ELECTRICAL LAYOUT

E3 ELECTRICAL ELEVATIONS

E4 POWER REQUIREMENTS

E5 ELECTRICAL DETAILS - INTERCONNECT

CT 3 (1P742)

C1 COVER SHEET

C2 DISCLAIMER - SITE READINESS CHECKLIST

A1 GENERAL NOTES

A2 EQUIPMENT LAYOUT

A3 RADIATION PROTECTION

A4 EQUIPMENT DIMENSIONS (1)

A5 EQUIPMENT DIMENSIONS (2)

A6 DELIVERY

S1 STRUCTURAL LAYOUT

S2 STRUCTURAL LAYOUT

S3 STRUCTURAL DETAILS (1)

S4 STRUCTURAL DETAILS (2)

M1 HVAC

E1 ELECTRICAL NOTES

E2 ELECTRICAL LAYOUT

E3 ELECTRICAL ELEVATIONS

E4 POWER REQUIREMENTS

E5 ELECTRICAL DETAILS - INTERCONNECT

PDC - PATIENT EXPERIENCE LIGHTING (FOR REFERENCE ONLY)

CT 2 (1P745)

T000 SITE SIGNOFF SHEET

T100 COVER SHEET

A000 CT SUITE EQUIPMENT COMPONENTS

A100 FLOOR PLAN

A110 REFLECTED CEILING PLAN

E000 CT SUITE COMPONENTS

E050 WIRE DESIGNATION SCHEDULE

E100 CONTROL ROOM - LCR EO-q EO-e

E200 SCAN ROOM - LPS LPS

E201 SCAN ROOM - CIT

E202 SCAN ROOM - SLF

E300 CONTROL ROOM - PAD Cat6 S-oo EO-q

CT 3 (1P742)

T000 SITE SIGNOFF SHEET

T100 COVER SHEET

A000 CT SUITE EQUIPMENT COMPONENTS

A100 FLOOR PLAN

A110 REFLECTED CEILING PLAN

E000 CT SUITE COMPONENTS

E050 WIRE DESIGNATION SCHEDULE

E100 CONTROL ROOM - LCR EO-q EO-e

E200 SCAN ROOM - LPS LPS

E201 SCAN ROOM - CIT

E202 SCAN ROOM - SLF

E300 CONTROL ROOM - PAD Cat6 S-oo EO-q

EH & S NOTES

1. ALL EQUIPMENT, APPLIANCES, SHELVING AND ALL OTHER ITEMS SHALL BE PERMANENTLY BRACED AND/OR ANCHORED TO THE FLOOR OR WALL. EXEMPTIONS INCLUDE BUT ARE NOT LIMITED TO:
A. FURNITURE (EXCEPT STORAGE CABINETS)
B. TEMPORARY OR MOVABLE EQUIPMENT
C. ARCHITECTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS IN SEISMIC DESIGN CATEGORIES D, E, OR F WHERE ALL OF THE FOLLOWING APPLY:
i. THE COMPONENT IS POSITIVELY ATTACHED TO THE STRUCTURE;
ii. FLEXIBLE CONNECTIONS ARE PROVIDED AT SEISMIC SEPARATION JOINTS AND BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT; AND EITHER
(a) THE COMPONENT WEIGHS 400 POUNDS OR LESS AND HAS A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT
(b) THE COMPONENT WEIGHS 20 POUNDS OR LESS, OR IN THE CASE OF A DISTRIBUTED SYSTEM, 5 LB/FT OR LESS. EXCEPTION: THE ENFORCEMENT AGENCY SHALL BE PERMITTED TO REQUIRE ATTACHMENTS FOR EQUIPMENT WITH HAZARDOUS CONTENTS TO BE SHOWN ON CONSTRUCTION DOCUMENTS RESPECTIVE OF WEIGHTS.
2. ALL EQUIPMENT REQUIRED ANCHORAGE WHETHER INSTALLED BY CONTRACTOR OR BY THE OWNER SHALL BE ANCHORED, SUPPORTED AND BRACED IN ACCORDANCE WITH CBC 2022, TITLE 24, TABLE 16A HORIZONTAL FORCE FACTORS
3. NON-MERCURY CONTAINING RELAYS, SWITCHES, THERMOSTATS AND OTHER SIMILAR COMPONENTS SHALL BE USED THROUGH OUT PROJECT.

DEFERRED APPROVAL ITEMS

INSTALLATION OF DEFERRED APPROVAL ITEMS SHALL NOT BE STARTED UNTIL CONTRACTORS DRAWINGS, SPECIFICATIONS AND ENGINEERING CALCULATIONS FOR THE ACTUAL SYSTEMS TO BE INSTALLED HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR ENGINEER, AND APPROVED BY THE APPROPRIATE APPROVING JURISDICTION.

DA001 FIRE ALARM

DEPARTMENT OF HEALTHCARE ACCESS AND INFORMATION

nacht&lewis

600 Q Street, Suite 100
Sacramento, CA 95811
www.nachtlewis.com
916.329.4000

DESIGN PROFESSIONALS OF RECORD:

UCDAVIS HEALTH

FACILITIES DESIGN & CONSTRUCTION
4800 2nd Avenue Suite 3010
Sacramento, California 95817
(916)724-7934

CONSULTANT LOGO:

REV

REVISION DESCRIPTION

DATE

1

HCAL BACKCHECK 01

11/01/2024

2

ADDENDUM 1 (ACD-001)

10/17/2025

CONSTRUCTION DOCUMENTS

PROJECT NO: 9557740

DATE: 05/24/25

PROJECT TITLE: S241219-34-00

PROJECT NO: 9557740

DATE: 05/24/25

PROJECT TITLE: BLD-02841 - SURGERY AND EMERGENCY SERVICES PAVILION

PROJECT NO: 9557740

DATE: 05/24/25

PROJECT TITLE: 1ST FLOOR

PROJECT NO: 9557740

DATE: 05/24/25

PROJECT TITLE: SESP 1P742 1P745 CT SCANNER REPLACEMENT

PROJECT NO: 9557740

DATE: 05/24/25

PROJECT TITLE: PROJECT

PROJECT NO: 9557740

DATE: 05/24/25

PROJECT TITLE: DATA

ARCH/ENGR

FO&C JOB NO.

SHEET NO.

UCMC PROJECT MANAGER

SCALE

Z. Price

AS SHOWN

DESIGNED BY

DATE

NLA

CAD FILE

SHEET

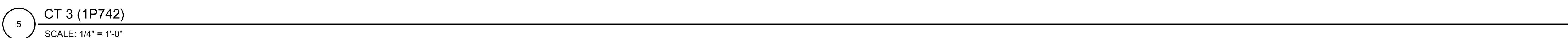
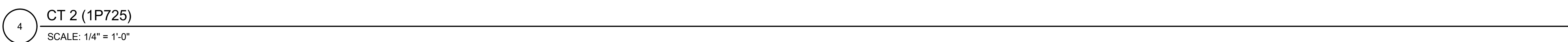
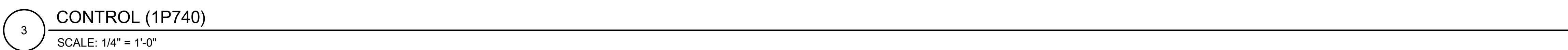
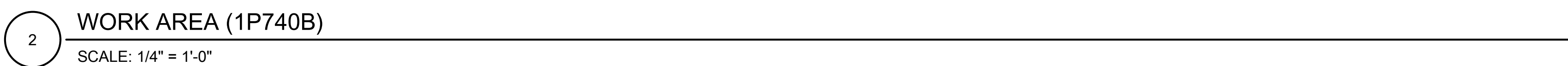
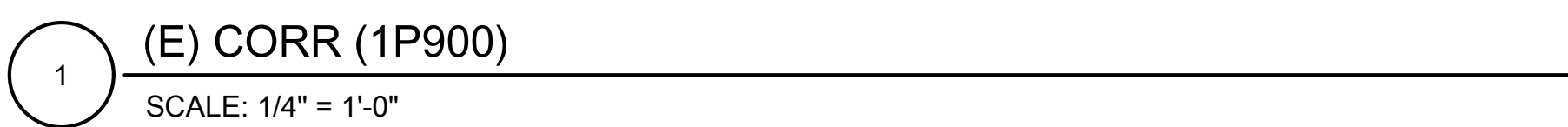
OF

NLA

-

-

-



A	COAT HOOK, B-7672
B	PAPER TOWEL DISPENSER
C	SOAP DISPENSERS O.F.O.I.
D	18" x 54" MIRROR

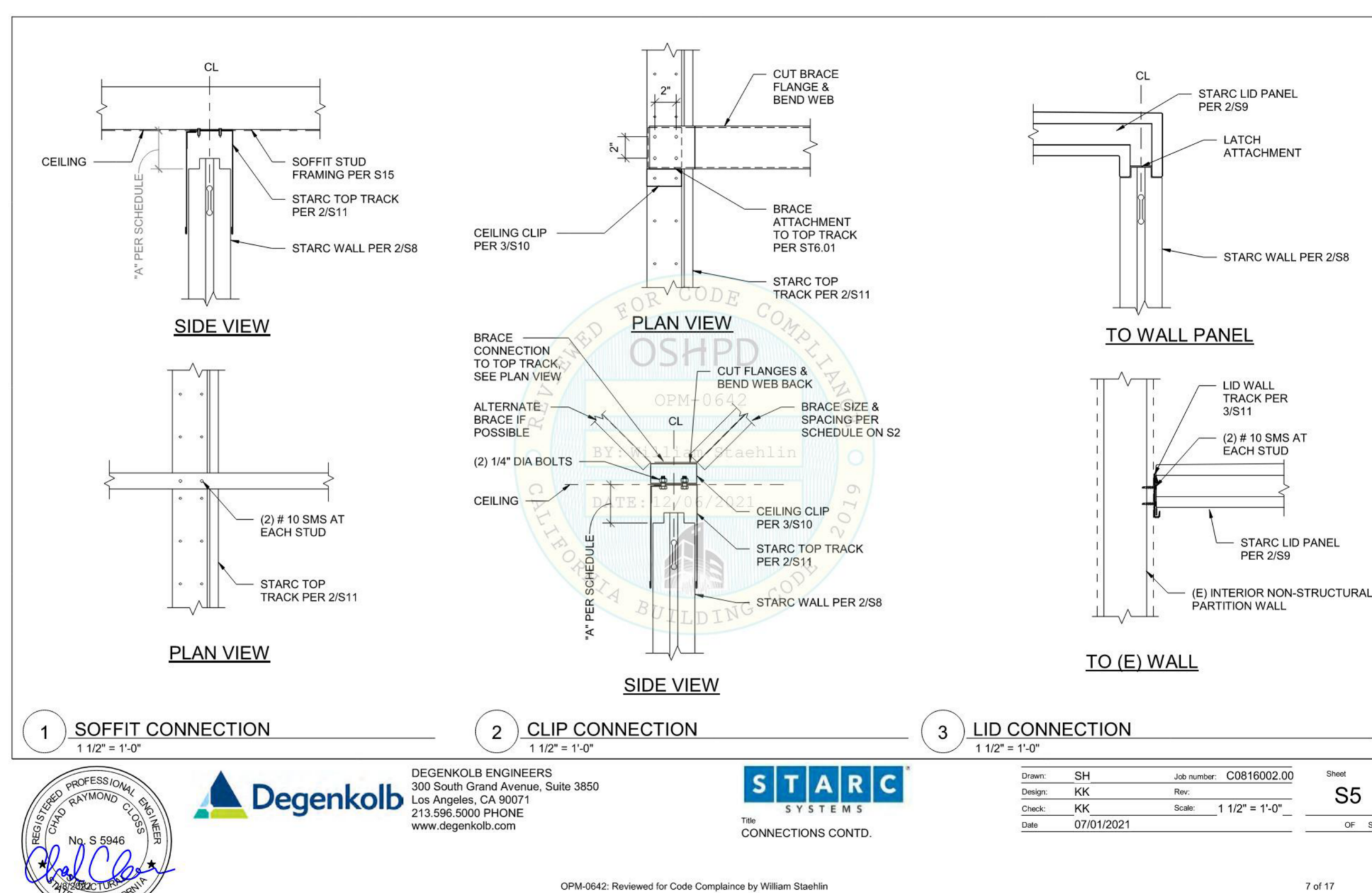
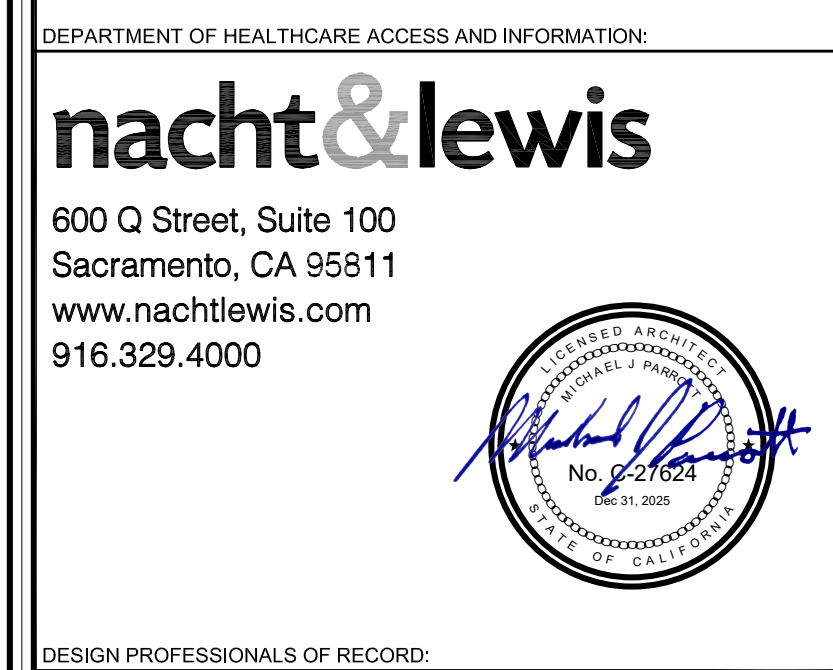
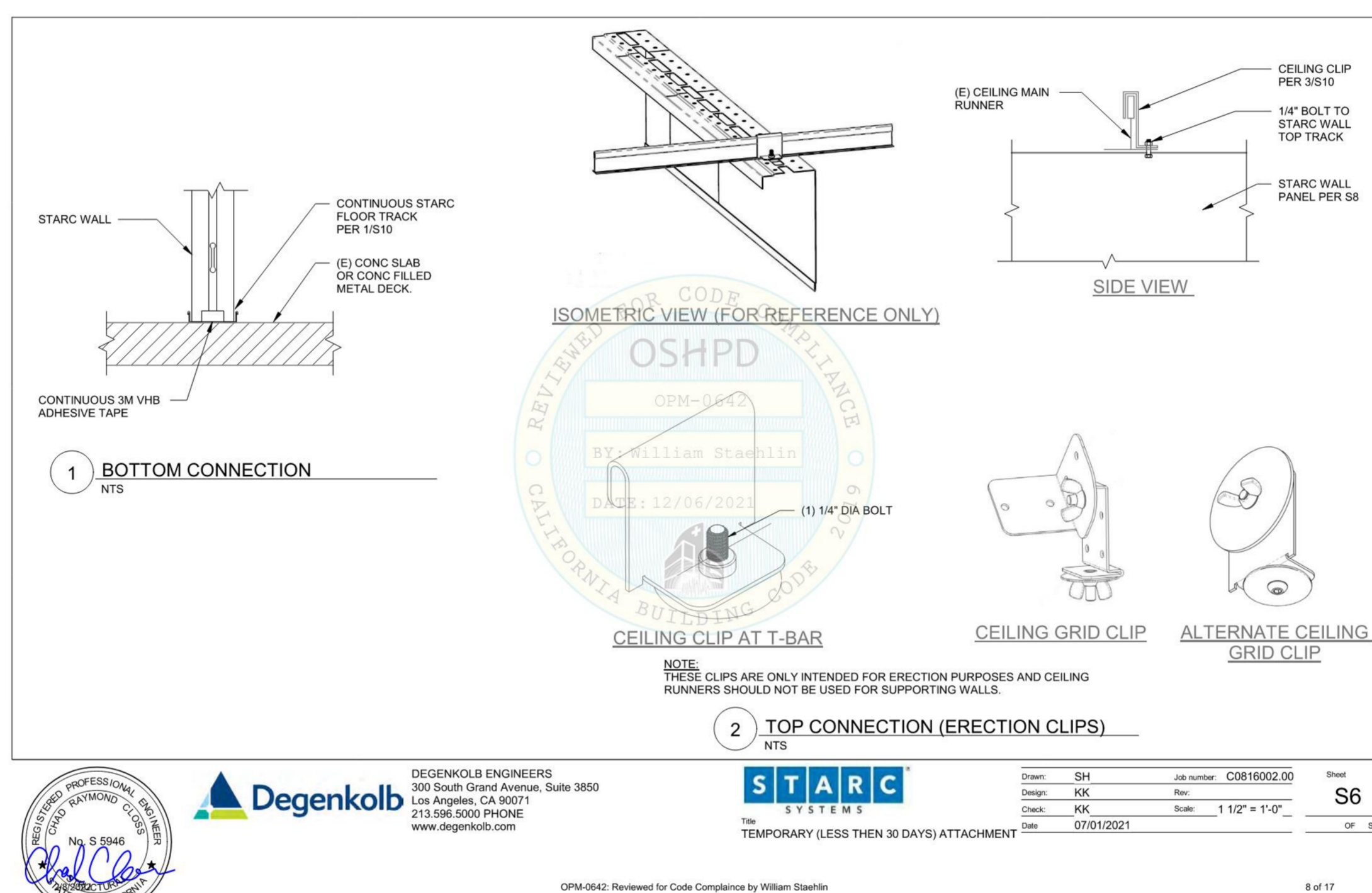
ARCH:ENGR.	FD&C JOB NO.	SHEET NO.	
E. TIEN	9557740	A551	
UCDMC PROJECT MANAGER	SCALE		
Z. Price	AS SHOWN		
DESIGNED BY	DATE		
NLA	-		
DRAWN BY	CAD FILE	SHEET	OF
NLA	-	-	-

DEPARTMENT OF HEALTHCARE ACCESS AND INFORMATION	
nacht&lewis	
600 Q Street, Suite 100 Sacramento, CA 95811 www.nachtlewis.com 916.329.4000	
	

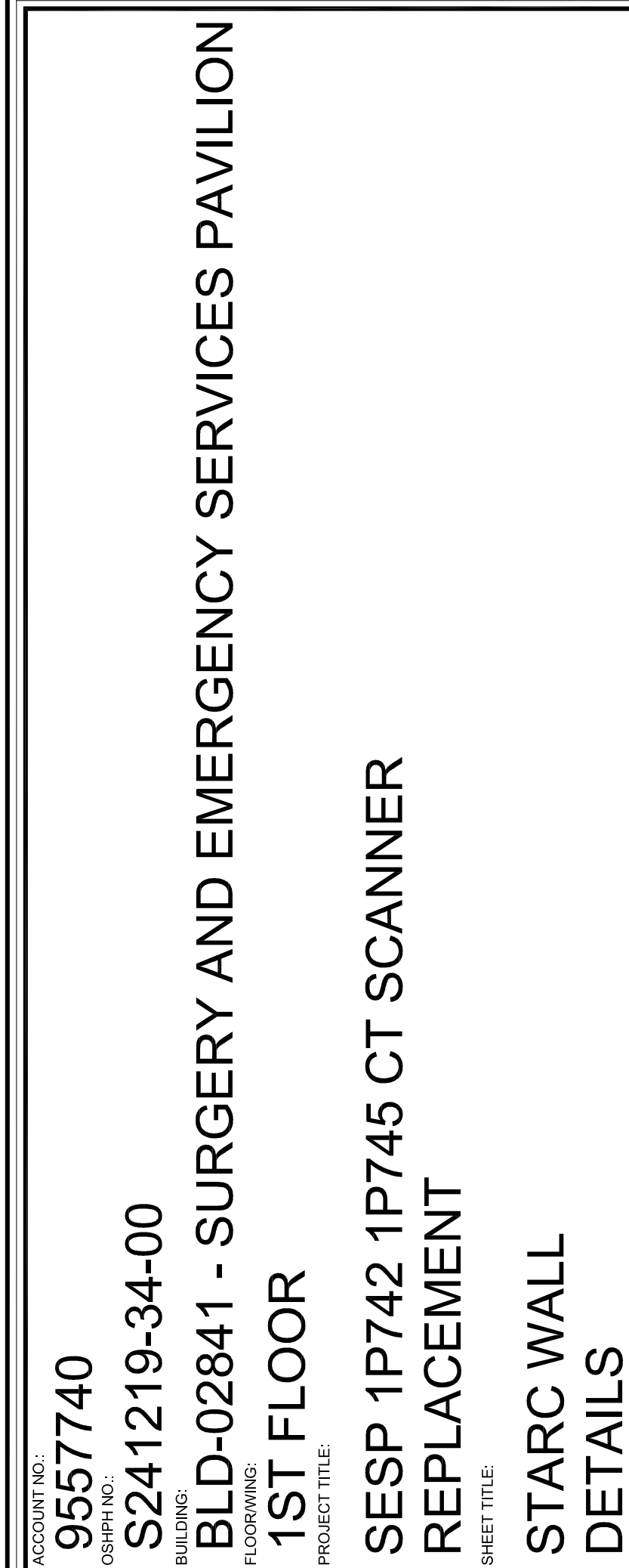
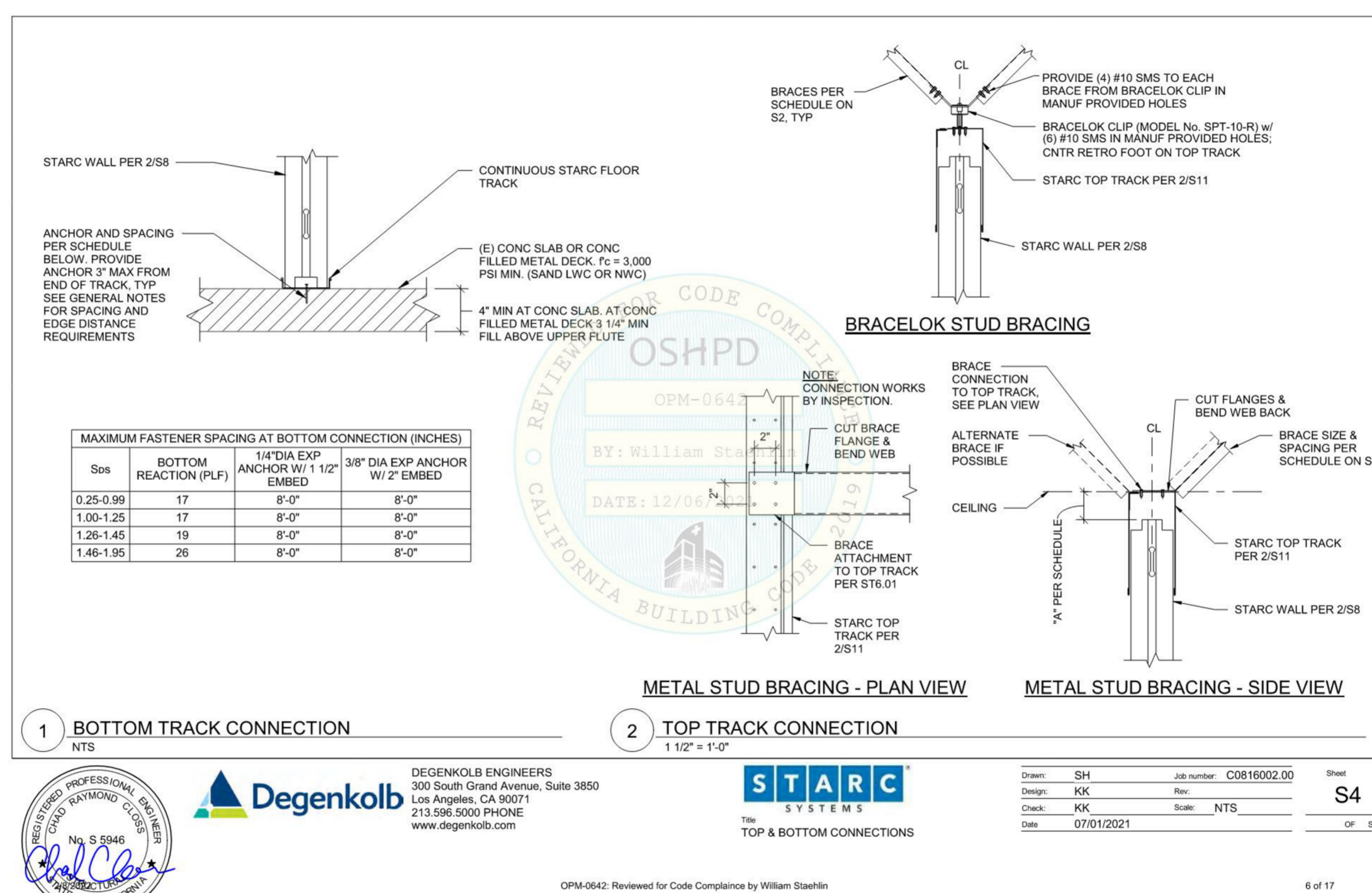
[illegible]

CONSTRUCTION DOCUMENTS	
SCANNER	7 / AND EMERGENCY SERVICES PAVILION

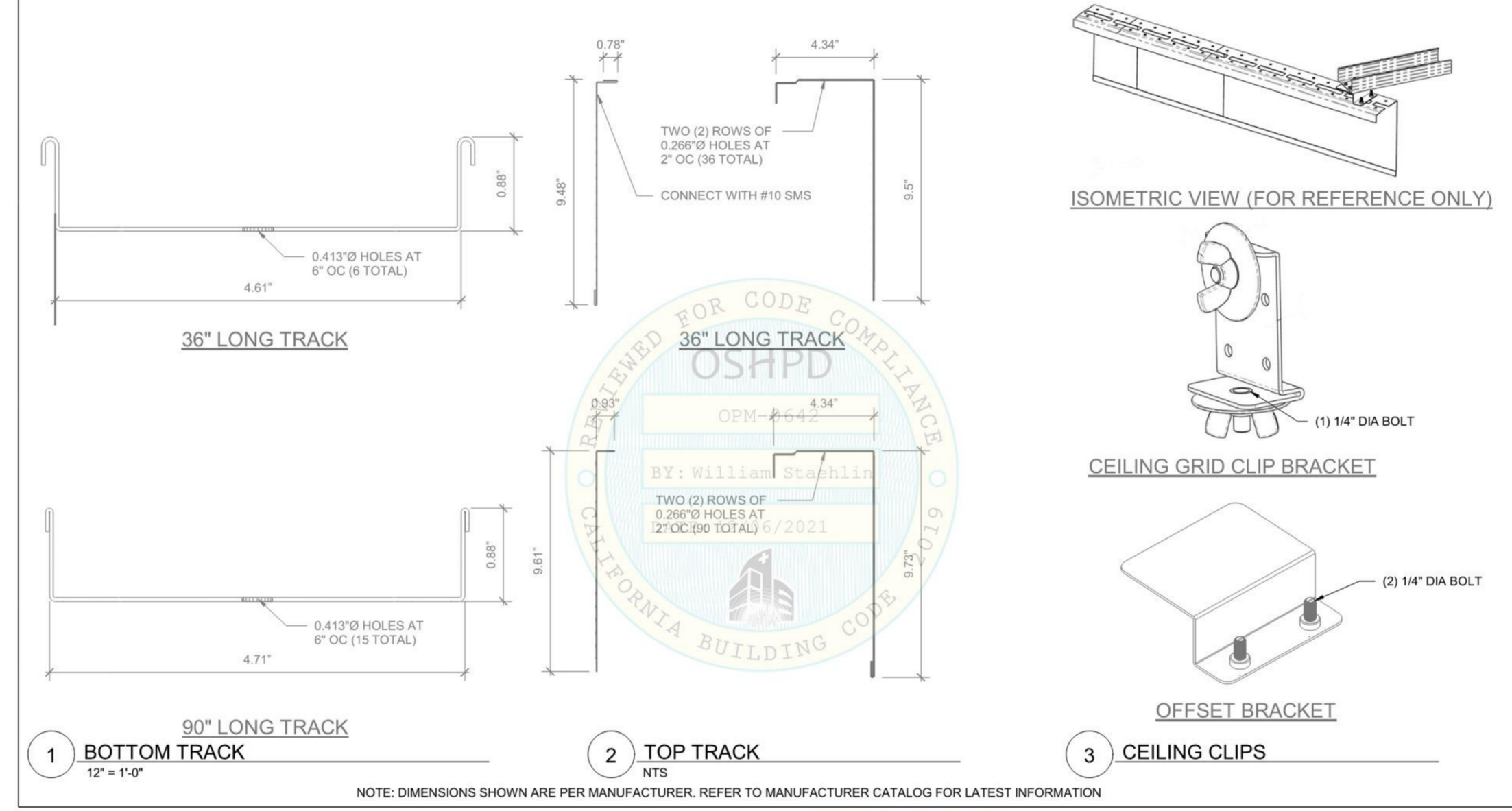
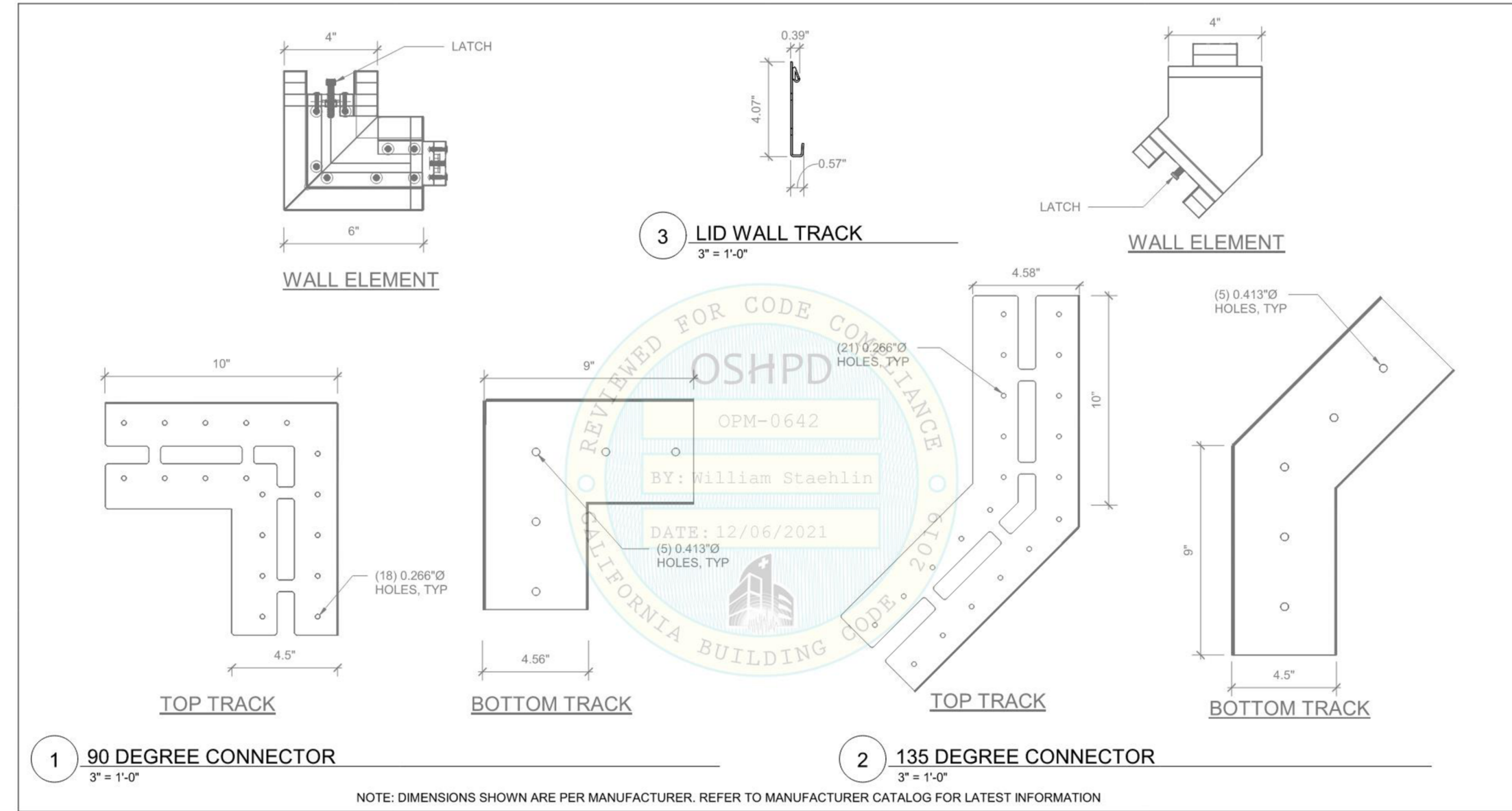
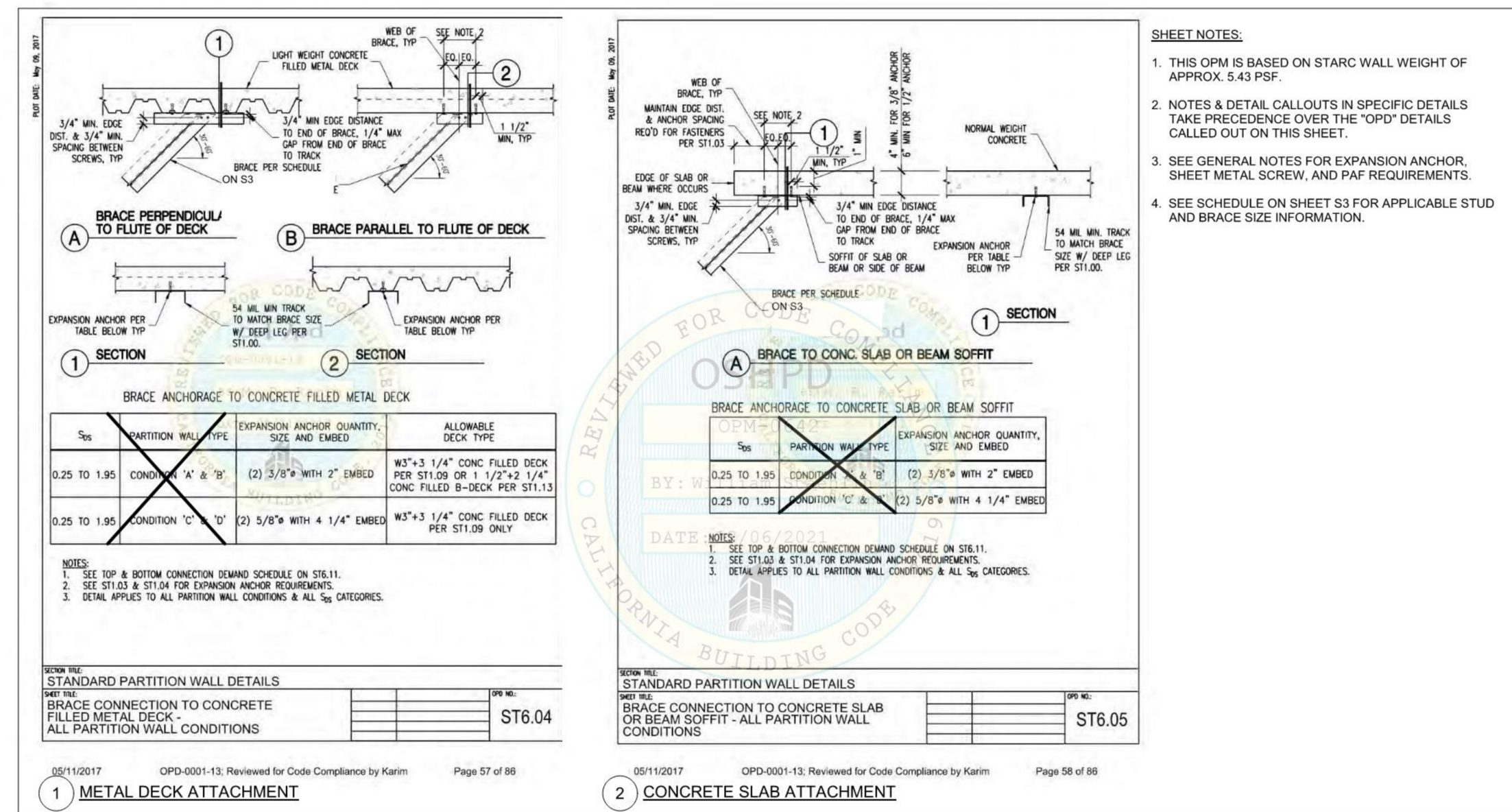
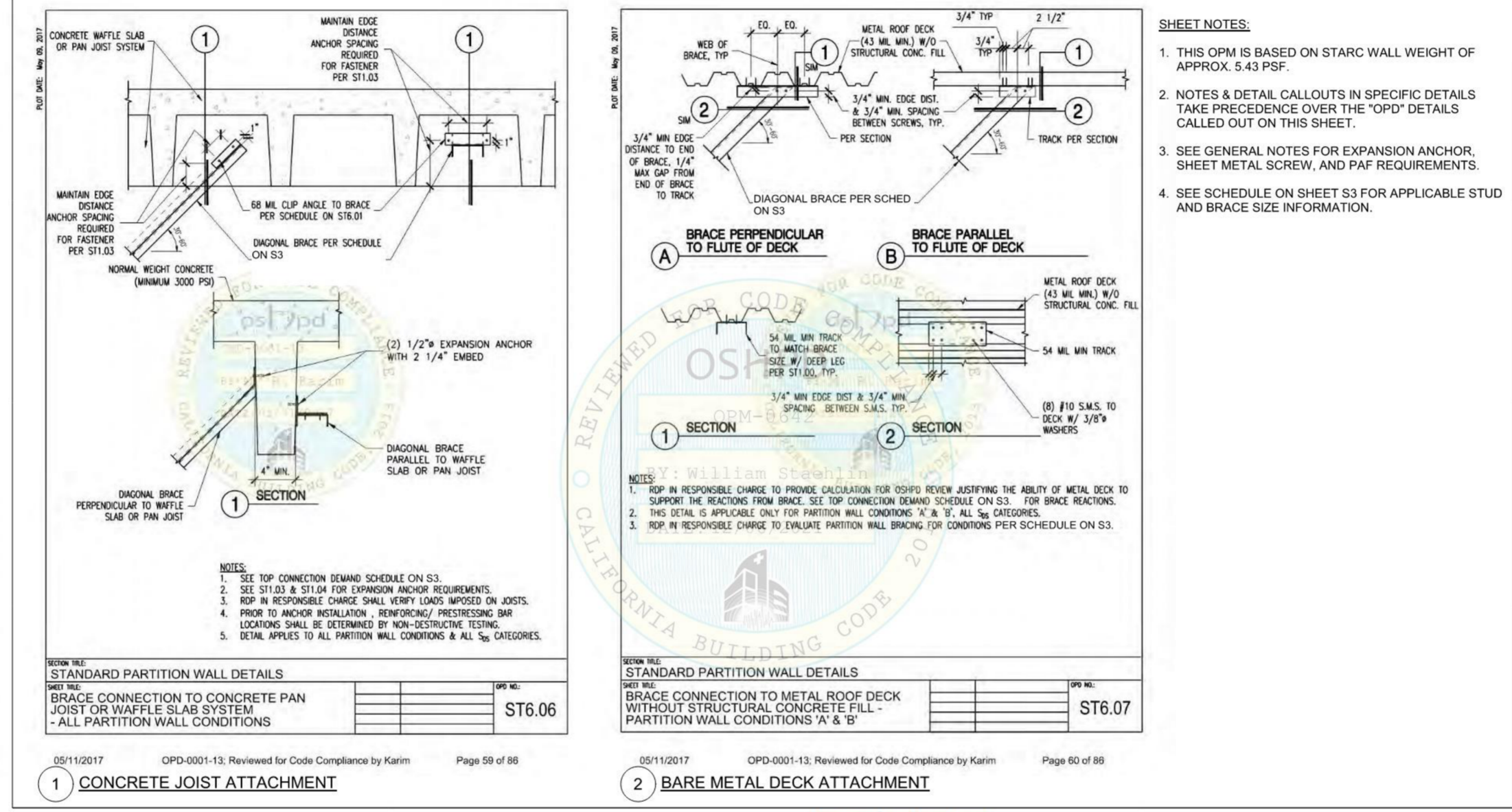
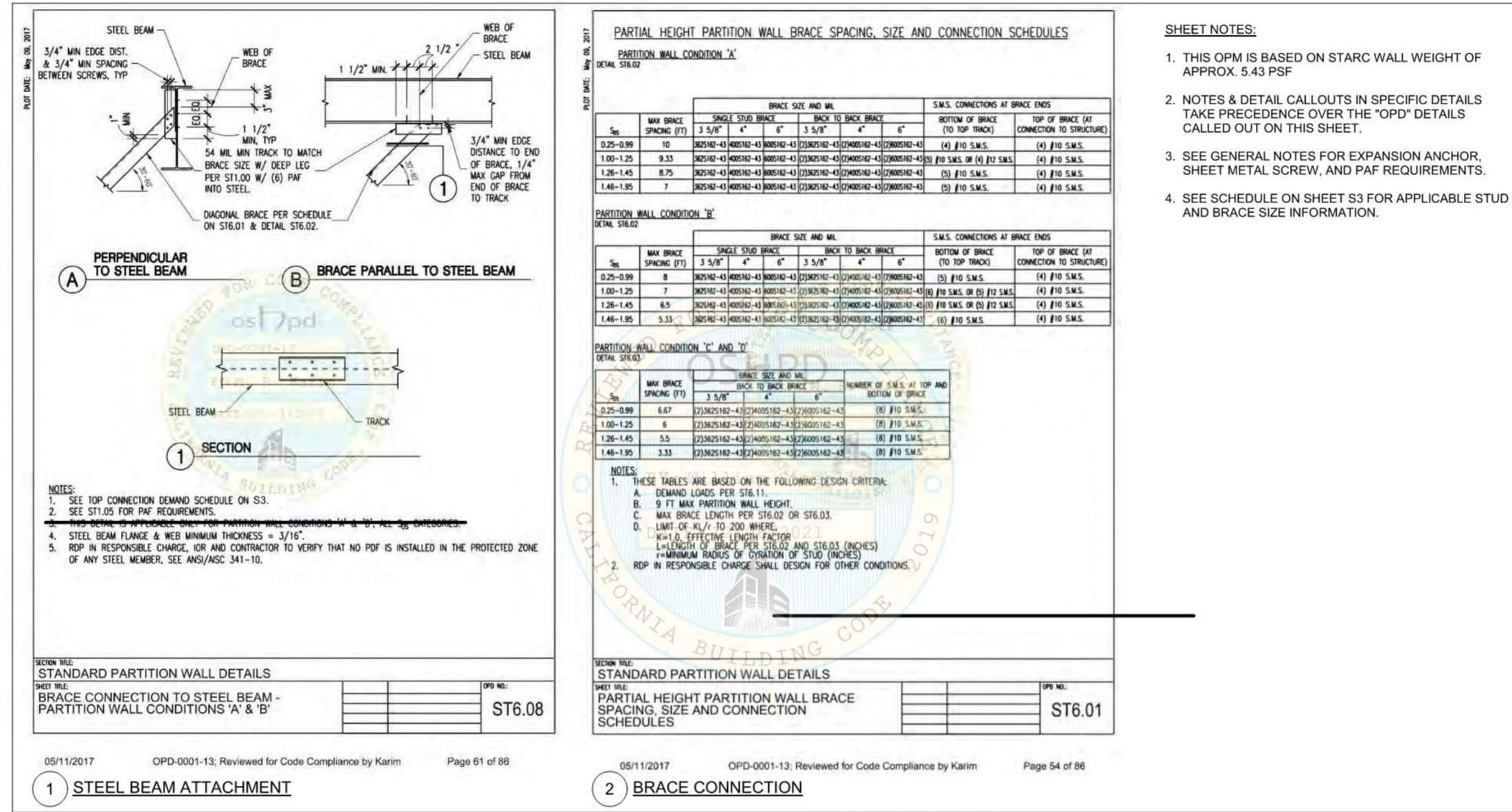
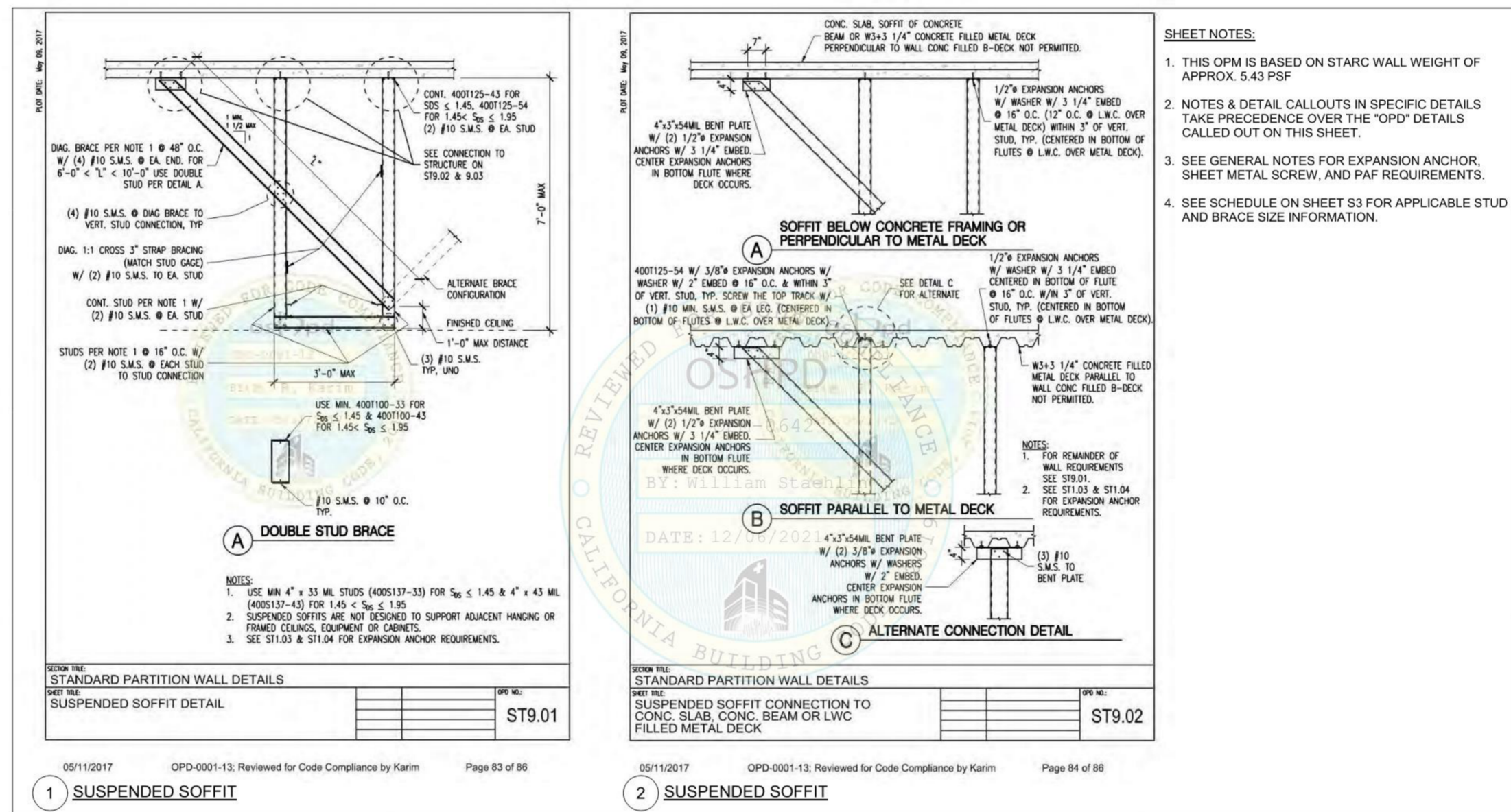
PROJECT NO. 9557740		SHEET TITLE WALL DETAILS	
DRAWING S241219-34-00		PROJECT TITLE SESP 1P742 1P745 CT REPLACEMENT	
BUILDING BLD-02841 - SURGERY FLOORWAVE		FLOORWAVE 1ST FLOOR	
ARCH/ENGR E. TIEN		SHEET NO. A620	
USCM PROJECT MANAGER Z. Price		SCALE AS SHOWN	
DESIGNED BY NLA		DATE -	
DRAWN BY NLA		CAD FILE -	
		SHEET -	OF -

CONSTRUCTION DOCUMENTS

CONSTRUCTION DOCUMENTS



ARCH/ENGR. E. TIEN	F&C JOB NO. 9557740	SHEET NO.	
UDOM PROJECT MANAGER Z. Price	SCALE AS SHOWN	A621	
DESIGNED BY NLA	DATE -		
DRAWN BY NLA	CAD FILE -	SHEET	OF



DEPARTMENT OF HEALTHCARE ACCESS AND INFORMATION

nacht&lewis

600 Q Street, Suite 100
Sacramento, CA 95811
www.nachtlewis.com
916.329.4000

DESIGN PROFESSIONALS OF RECORD:

UCDAVIS HEALTH

FACILITIES DESIGN & CONSTRUCTION
4800 2nd Avenue, Suite 3010
Sacramento, California 95817
916.724.7634

REV	REVISION DESCRIPTION	DATE
2	ADDENDUM 1 (ACD-001)	10/14/2025

CONSTRUCTION DOCUMENTS

PROJECT NO: 9557740

CONTRACT NO: S241219-34-00

BUILDING: BLD-02841 - SURGERY AND EMERGENCY SERVICES PAVILION

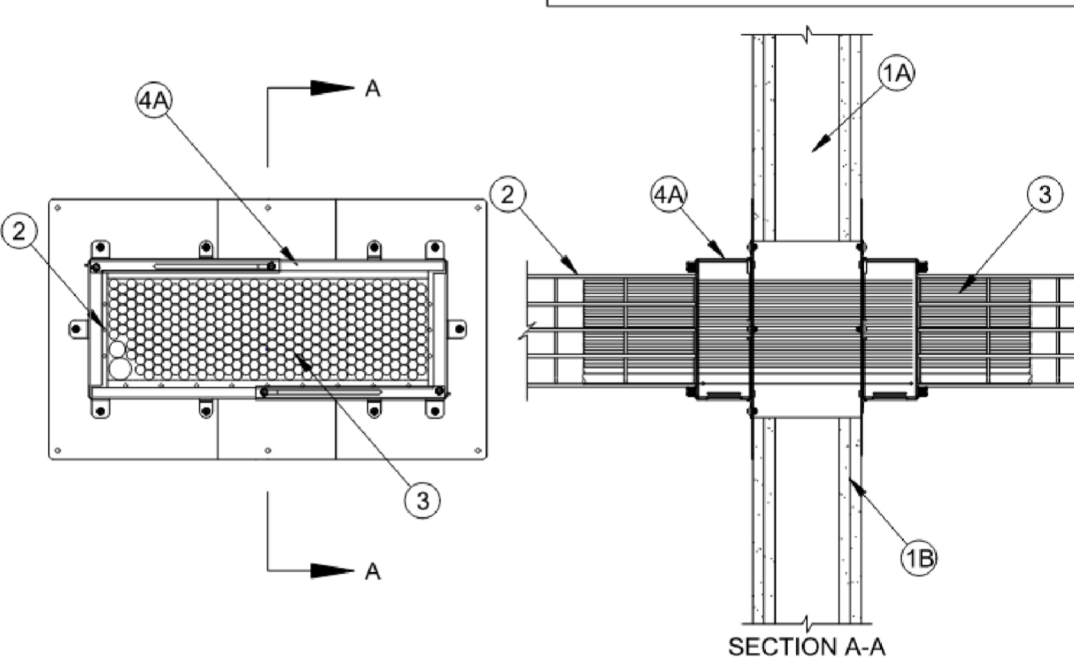
FLOORING: 1ST FLOOR

PROJECT TITLE: SESP 1P742 1P745 CT SCANNER REPLACEMENT

SHEET TITLE: STARC WALL DETAILS

ARCH/ENGR E. TIEN	DATE 07/01/2021	SHEET NO. A622
UICM PROJECT MANAGER Z. Price	SCALE AS SHOWN	
DESIGNED BY NLA	CAD FILE	
DRAWN BY NLA		

System No. WL-4102			
ANSI/UL 1479 (ASTM E814)		CANULC S115	
F Ratings - 1 and 2 Hr (See Item 1)		F Ratings - 1 and 2 Hr (See Item 1)	
T Ratings - 0 and 1/2 Hr (See Item 1)		FT Ratings - 0 and 1/2 Hr (See Item 1)	
L Rating at Ambient - 9.8 to 14.5 CFM/ft ² (See Item 4C)		FL Ratings - 0 and 1/2 Hr (See Item 1)	
L Rating at 400°F - 9.8 to 14.5 CFM/ft ² (See Item 4C)		FTN Ratings - 0 and 1/2 Hr (See Item 1)	
		L Rating at Ambient - 50 to 74 L/min/ft ² (See Item 4C)	
		L Rating at 204°C - 50 to 74 L/min/ft ² (See Item 4C)	



- Wall Assembly** - The 1 or 2 hr fire rated gypsum board/steel wall assembly shall be constructed of the materials and in the manner specified in the individual U300, V300, U400, V400 or W400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:
 - Wall Framing** - Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nominal 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 mm) OC. Steel studs to be min 3-1/2 in. (89 mm) wide and spaced max 24 in. (610 mm) OC. When the firestop device is not installed in conjunction with steel wall plates (Item 4A), additional framing members shall be used to completely frame around the opening and be positioned at locations where fasteners used with steel mounting tabs of the device penetrate the wall. When the width of the cable tray (Item 2) exceeds 18 in. (457 mm), additional framing members shall be used to completely frame around the opening and be positioned at locations where fasteners used with steel stud/gypsum board assemblies and the max width of the cable tray (Item 2) is 18 in. (457 mm) or less, max area of opening is 144 in.² (929 cm²) with max dimension of 24 in. (610 mm). If the through penetrations are installed in steel stud/gypsum board assemblies and the width of the cable tray exceeds 18 in. (457 mm), max area of opening is 301 in.² (194 m²) with a max dimension of 28 in. (711 mm).

- The F and FT Ratings of the firestop system are equal to the hourly fire rating of the wall in which it is installed. The T and FTN Ratings are 0 and 1/2 hr for 1 and 2 hr rated assemblies, respectively.**
- Cable Tray** - Max 24 in. (610 mm) wide by max 6 in. (152 mm) deep welded wire basket cable tray formed from min 0.197 in. (5 mm) thick steel and having max 1.07 by 3.34 in. (50 by 100 mm) grid spacing. One cable tray to be centered horizontally within the opening. When the max width of the cable tray is 18 in. (457 mm) or less, the annular space between the cable tray and the periphery of the opening at the top or bottom surface shall be min 0 in. (0 mm) gap (point contact) to max 6 in. (152 mm). When the width of the cable tray exceeds 18 in. (457 mm), the annular space between the cable tray and the periphery of the opening at the top or bottom surface shall be min 0 in. (point contact) to max 6 in. (152 mm). When the firestop device is not installed in conjunction with steel wall plates (Item 4A), the annular space between the cable tray and the periphery of the opening at the top or bottom surface shall be min 1/2 in. (13 mm). Cable tray to be rigidly supported on both sides of wall assembly.

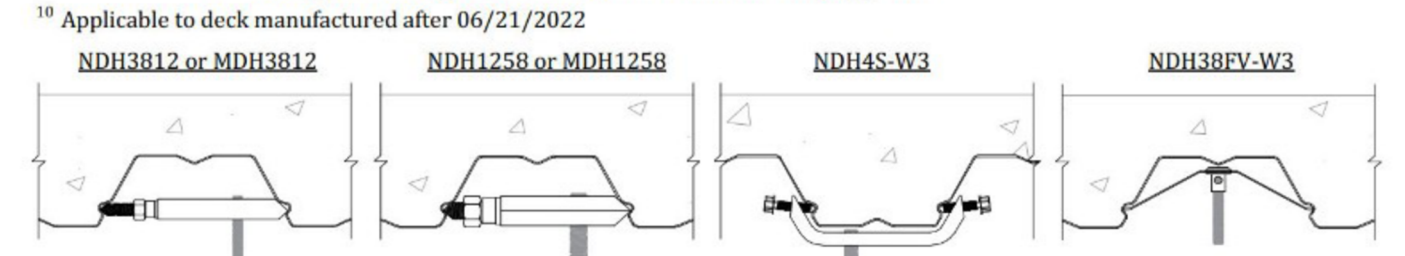
- Cables** - Cable fill within cable tray shall represent a min 25 to max 100 percent volume fill based on a max 6 in. (152 mm) cable loading depth within the cable tray. Any combination of the following types and sizes of cables may be used:
 - Max 400 pair No. 24 AWG (or smaller) copper conductor telecommunication cable with polyvinyl chloride (PVC) or polyurethane jacketing and insulation.
 - Max 750 kcmil single copper conductor power cable with XLPE jacket and insulation.
 - Max 7/8 in. 12 AWG copper conductor control cable with PVC or XLPE jacket and insulation.
 - Max 3/8 in. 26 AWG metal clad or armored cable with steel or aluminum jacket.
 - Max 3/8 in. 8 AWG NM cable (Plenum) with PVC insulation and jacket.
 - Max four pair No. 22 AWG (or smaller) copper conductor data cable with PVC or plenum rated jacketing and insulation.
 - Max four pair No. 22 AWG (or smaller) Cat 5, Cat 5E, Cat 6 or Cat 6A cable with PVC or plenum rated jacketing and insulation.
 - Crosslink cable with fluorinated ethylene or PVC insulation and jacketing having a max diam of 5/8 in. (16 mm).
 - Optical fiber cable with PVC or polyethylene (PE) jacket and insulation and having a max diam of 5/8 in. (16 mm).
 - Max RIGID coaxial cable with fluorinated ethylene, polyethylene (PE), PVC or plenum rated jacketing and insulation.

- Firestop System** - The firestop system shall consist of the following:
 - Firestop Device** - A firestop device consisting of a rectangular galv steel housing with intumescent foam strips sized to the specific width of the cable tray. Firestop device installed in accordance with the accompanying installation instructions on each side of the wall. When the max width of the cable tray (Item 2) is 18 in. (457 mm) or less, the firestop device may be secured in place by means of optional steel wall plates. Steel wall plates installed on both sides of wall and secured to each device by means of steel screws and steel mounting tabs provided with device. When mounting holes of wall plates are located over wall framing, wall plates shall be secured to framing through gypsum board layers, with a 1/2 in. (13 mm) long steel drilled screws. All remaining mounting holes of wall plates shall be secured to gypsum board with No. 8 by min 1-1/2 in. (38 mm) long steel screws bearing in studs and pin heads. When firestop device is not installed in conjunction with steel wall plates, each steel mounting tab provided with device shall be installed on both sides of wall and secured to the steel framing through the gypsum board layers, with min. 1/2 in. (13 mm) long steel drilled screws.

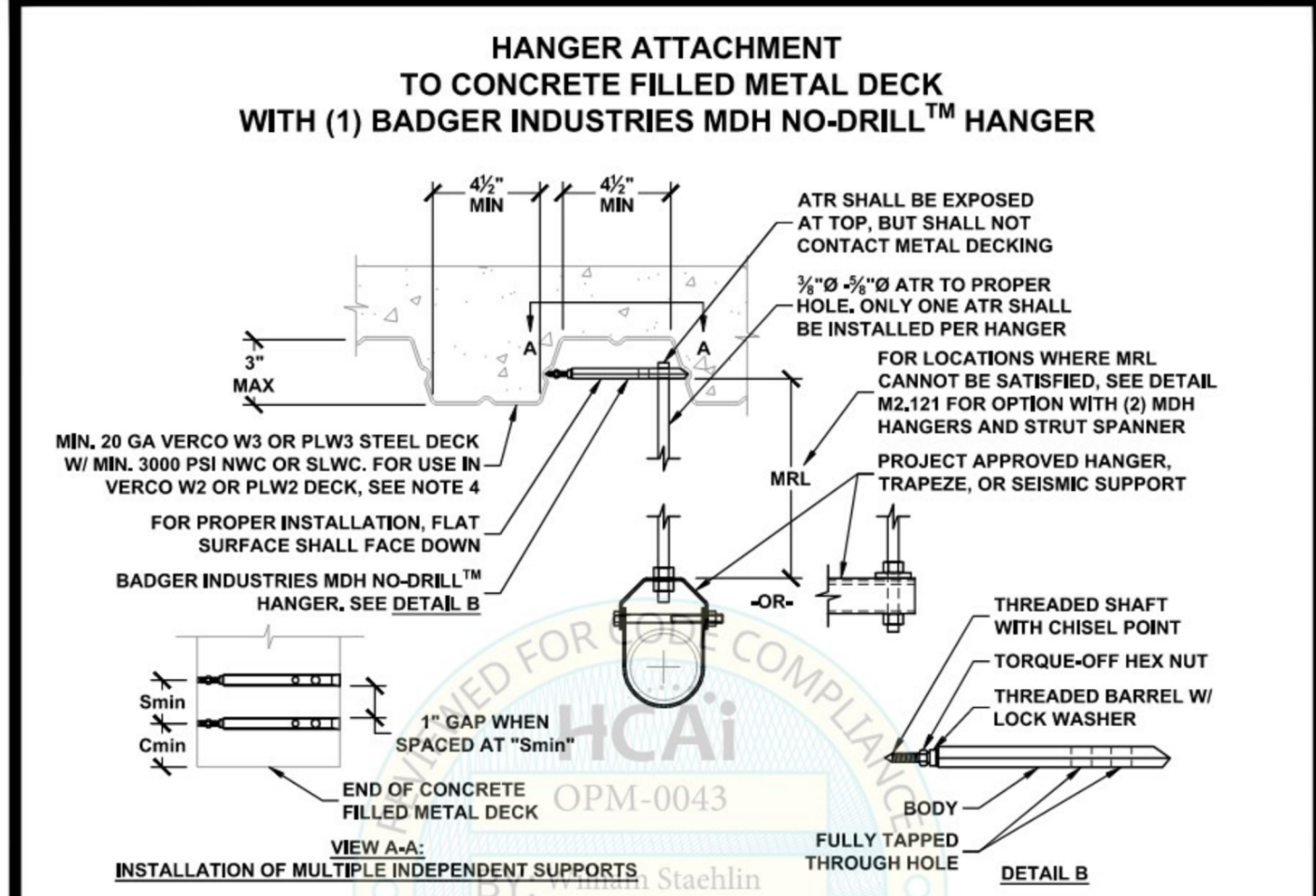
- SPICED TECHNOLOGIES INC. - EZ PATH Cable Tray Reinforce Device E2CTR612, E2CTR614, E2CTR616, E2CTR618, E2CTR620, E2CTR622, E2CTR624, E2CTR626, E2CTR628, E2CTR630, E2CTR632, E2CTR634, E2CTR636, E2CTR638, E2CTR640, E2CTR642, E2CTR644, E2CTR646, E2CTR648, E2CTR650, E2CTR652, E2CTR654, E2CTR656, E2CTR658, E2CTR660, E2CTR662, E2CTR664, E2CTR666, E2CTR668, E2CTR670, E2CTR672, E2CTR674, E2CTR676, E2CTR678, E2CTR680, E2CTR682, E2CTR684, E2CTR686, E2CTR688, E2CTR690, E2CTR692, E2CTR694, E2CTR696, E2CTR698, E2CTR700, E2CTR702, E2CTR704, E2CTR706, E2CTR708, E2CTR710, E2CTR712, E2CTR714, E2CTR716, E2CTR718, E2CTR720, E2CTR722, E2CTR724, E2CTR726, E2CTR728, E2CTR730, E2CTR732, E2CTR734, E2CTR736, E2CTR738, E2CTR740, E2CTR742, E2CTR744, E2CTR746, E2CTR748, E2CTR750, E2CTR752, E2CTR754, E2CTR756, E2CTR758, E2CTR760, E2CTR762, E2CTR764, E2CTR766, E2CTR768, E2CTR770, E2CTR772, E2CTR774, E2CTR776, E2CTR778, E2CTR780, E2CTR782, E2CTR784, E2CTR786, E2CTR788, E2CTR790, E2CTR792, E2CTR794, E2CTR796, E2CTR798, E2CTR800, E2CTR802, E2CTR804, E2CTR806, E2CTR808, E2CTR810, E2CTR812, E2CTR814, E2CTR816, E2CTR818, E2CTR820, E2CTR822, E2CTR824, E2CTR826, E2CTR828, E2CTR830, E2CTR832, E2CTR834, E2CTR836, E2CTR838, E2CTR840, E2CTR842, E2CTR844, E2CTR846, E2CTR848, E2CTR850, E2CTR852, E2CTR854, E2CTR856, E2CTR858, E2CTR860, E2CTR862, E2CTR864, E2CTR866, E2CTR868, E2CTR870, E2CTR872, E2CTR874, E2CTR876, E2CTR878, E2CTR880, E2CTR882, E2CTR884, E2CTR886, E2CTR888, E2CTR890, E2CTR892, E2CTR894, E2CTR896, E2CTR898, E2CTR900, E2CTR902, E2CTR904, E2CTR906, E2CTR908, E2CTR910, E2CTR912, E2CTR914, E2CTR916, E2CTR918, E2CTR920, E2CTR922, E2CTR924, E2CTR926, E2CTR928, E2CTR930, E2CTR932, E2CTR934, E2CTR936, E2CTR938, E2CTR940, E2CTR942, E2CTR944, E2CTR946, E2CTR948, E2CTR950, E2CTR952, E2CTR954, E2CTR956, E2CTR958, E2CTR960, E2CTR962, E2CTR964, E2CTR966, E2CTR968, E2CTR970, E2CTR972, E2CTR974, E2CTR976, E2CTR978, E2CTR980, E2CTR982, E2CTR984, E2CTR986, E2CTR988, E2CTR990, E2CTR992, E2CTR994, E2CTR996, E2CTR998, E2CTR1000, E2CTR1002, E2CTR1004, E2CTR1006, E2CTR1008, E2CTR1010, E2CTR1012, E2CTR1014, E2CTR1016, E2CTR1018, E2CTR1020, E2CTR1022, E2CTR1024, E2CTR1026, E2CTR1028, E2CTR1030, E2CTR1032, E2CTR1034, E2CTR1036, E2CTR1038, E2CTR1040, E2CTR1042, E2CTR1044, E2CTR1046, E2CTR1048, E2CTR1050, E2CTR1052, E2CTR1054, E2CTR1056, E2CTR1058, E2CTR1060, E2CTR1062, E2CTR1064, E2CTR1066, E2CTR1068, E2CTR1070, E2CTR1072, E2CTR1074, E2CTR1076, E2CTR1078, E2CTR1080, E2CTR1082, E2CTR1084, E2CTR1086, E2CTR1088, E2CTR1090, E2CTR1092, E2CTR1094, E2CTR1096, E2CTR1098, E2CTR1100, E2CTR1102, E2CTR1104, E2CTR1106, E2CTR1108, E2CTR1110, E2CTR1112, E2CTR1114, E2CTR1116, E2CTR1118, E2CTR1120, E2CTR1122, E2CTR1124, E2CTR1126, E2CTR1128, E2CTR1130, E2CTR1132, E2CTR1134, E2CTR1136, E2CTR1138, E2CTR1140, E2CTR1142, E2CTR1144, E2CTR1146, E2CTR1148, E2CTR1150, E2CTR1152, E2CTR1154, E2CTR1156, E2CTR1158, E2CTR1160, E2CTR1162, E2CTR1164, E2CTR1166, E2CTR1168, E2CTR1170, E2CTR1172, E2CTR1174, E2CTR1176, E2CTR1178, E2CTR1180, E2CTR1182, E2CTR1184, E2CTR1186, E2CTR1188, E2CTR1190, E2CTR1192, E2CTR1194, E2CTR1196, E2CTR1198, E2CTR1200, E2CTR1202, E2CTR1204, E2CTR1206, E2CTR1208, E2CTR1210, E2CTR1212, E2CTR1214, E2CTR1216, E2CTR1218, E2CTR1220, E2CTR1222, E2CTR1224, E2CTR1226, E2CTR1228, E2CTR1230, E2CTR1232, E2CTR1234, E2CTR1236, E2CTR1238, E2CTR1240, E2CTR1242, E2CTR1244, E2CTR1246, E2CTR1248, E2CTR1250, E2CTR1252, E2CTR1254, E2CTR1256, E2CTR1258, E2CTR1260, E2CTR1262, E2CTR1264, E2CTR1266, E2CTR1268, E2CTR1270, E2CTR1272, E2CTR1274, E2CTR1276, E2CTR1278, E2CTR1280, E2CTR1282, E2CTR1284, E2CTR1286, E2CTR1288, E2CTR1290, E2CTR1292, E2CTR1294, E2CTR1296, E2CTR1298, E2CTR1300, E2CTR1302, E2CTR1304, E2CTR1306, E2CTR1308, E2CTR1310, E2CTR1312, E2CTR1314, E2CTR1316, E2CTR1318, E2CTR1320, E2CTR1322, E2CTR1324, E2CTR1326, E2CTR1328, E2CTR1330, E2CTR1332, E2CTR1334, E2CTR1336, E2CTR1338, E2CTR1340, E2CTR1342, E2CTR1344, E2CTR1346, E2CTR1348, E2CTR1350, E2CTR1352, E2CTR1354, E2CTR1356, E2CTR1358, E2CTR1360, E2CTR1362, E2CTR1364, E2CTR1366, E2CTR1368, E2CTR1370, E2CTR1372, E2CTR1374, E2CTR1376, E2CTR1378, E2CTR1380, E2CTR1382, E2CTR1384, E2CTR1386, E2CTR1388, E2CTR1390, E2CTR1392, E2CTR1394, E2CTR1396, E2CTR1398, E2CTR1400, E2CTR1402, E2CTR1404, E2CTR1406, E2CTR1408, E2CTR1410, E2CTR1412, E2CTR1414, E2CTR1416, E2CTR1418, E2CTR1420, E2CTR1422, E2CTR1424, E2CTR1426, E2CTR1428, E2CTR1430, E2CTR1432, E2CTR1434, E2CTR1436, E2CTR1438, E2CTR1440, E2CTR1442, E2CTR1444, E2CTR1446, E2CTR1448, E2CTR1450, E2CTR1452, E2CTR1454, E2CTR1456, E2CTR1458, E2CTR1460, E2CTR1462, E2CTR1464, E2CTR1466, E2CTR1468, E2CTR1470, E2CTR1472, E2CTR1474, E2CTR1476, E2CTR1478, E2CTR1480, E2CTR1482, E2CTR1484, E2CTR1486, E2CTR1488, E2CTR1490, E2CTR1492, E2CTR1494, E2CTR1496, E2CTR1498, E2CTR1500, E2CTR1502, E2CTR1504, E2CTR1506, E2CTR1508, E2CTR1510, E2CTR1512, E2CTR1514, E2CTR1516, E2CTR1518, E2CTR1520, E2CTR1522, E2CTR1524, E2CTR1526, E2CTR1528, E2CTR1530, E2CTR1532, E2CTR1534, E2CTR1536, E2CTR1538, E2CTR1540, E2CTR1542, E2CTR1544, E2CTR1546, E2CTR1548, E2CTR1550, E2CTR1552, E2CTR1554, E2CTR1556, E2CTR1558, E2CTR1560, E2CTR1562, E2CTR1564, E2CTR1566, E2CTR1568, E2CTR1570, E2CTR1572, E2CTR1574, E2CTR1576, E2CTR1578, E2CTR1580, E2CTR1582, E2CTR1584, E2CTR1586, E2CTR1588, E2CTR1590, E2CTR1592, E2CTR1594, E2CTR1596, E2CTR1598, E2CTR1600, E2CTR1602, E2CTR1604, E2CTR1606, E2CTR1608, E2CTR1610, E2CTR1612, E2CTR1614, E2CTR1616, E2CTR1618, E2CTR1620, E2CTR1622, E2CTR1624, E2CTR1626, E2CTR1628, E2CTR1630, E2CTR1632, E2CTR1634, E2CTR1636, E2CTR1638, E2CTR1640, E2CTR1642, E2CTR1644, E2CTR1646, E2CTR1648, E2CTR1650, E2CTR1652, E2CTR1654, E2CTR1656, E2CTR1658, E2CTR1660, E2CTR1662, E2CTR1664, E2CTR1666, E2CTR1668, E2CTR1670, E2CTR1672, E2CTR1674, E2CTR1676, E2CTR1678, E2CTR1680, E2CTR1682, E2CTR1684, E2CTR1686, E2CTR1688, E2CTR1690, E2CTR1692, E2CTR1694, E2CTR1696, E2CTR1698, E2CTR1700, E2CTR1702, E2CTR1704, E2CTR1706, E2CTR1708, E2CTR1710, E2CTR1712, E2CTR1714, E2CTR1716, E2CTR1718, E2CTR1720, E2CTR1722, E2CTR1724, E2CTR1726, E2CTR1728, E2CTR1730, E2CTR1732, E2CTR1734, E2CTR1736, E2CTR1738, E2CTR1740, E2CTR1742, E2CTR1744, E2CTR1746, E2CTR1748, E2CTR1750, E2CTR1752, E2CTR1754, E2CTR1756, E2CTR1758, E2CTR1760, E2CTR1762, E2CTR1764, E2CTR1766, E2CTR1768, E2CTR1770, E2CTR1772, E2CTR1774, E2CTR1776, E2CTR1778, E2CTR1780, E2CTR1782, E2CTR1784, E2CTR1786, E2CTR1788, E2CTR1790, E2CTR1792, E2CTR1794, E2CTR1796, E2CTR1798, E2CTR1800, E2CTR1802, E2CTR1804, E2CTR1806, E2CTR1808, E2CTR1810, E2CTR1812, E2CTR1814, E2CTR1816, E2CTR1818, E2CTR1820, E2CTR1822, E2CTR1824, E2CTR1826, E2CTR1828, E2CTR1830, E2CTR1832, E2CTR1834, E2CTR1836, E2CTR1838, E2CTR1840, E2CTR1842, E2CTR1844, E2CTR1846, E2CTR1848, E2CTR1850, E2CTR1852, E2CTR1854, E2CTR1856, E2CTR1858, E2CTR1860, E2CTR1862, E2CTR1864, E2CTR1866, E2CTR1868, E2CTR1870, E2CTR1872, E2CTR1874, E2CTR1876, E2CTR1878, E2CTR1880, E2CTR1882, E2CTR1884, E2CTR1886, E2CTR1888, E2CTR1890, E2CTR1892, E2CTR1894, E2CTR1896, E2CTR1898, E2CTR1900, E2CTR1902, E2CTR1904, E2CTR1906, E2CTR1908, E2CTR1910, E2CTR1912, E2CTR1914, E2CTR1916, E2CTR1918, E2CTR1920, E2CTR1922, E2CTR1924, E2CTR1926, E2CTR1928, E2CTR1930, E2CTR1932, E2CTR1934, E2CTR1936, E2CTR1938, E2CTR1940, E2CTR1942, E2CTR1944, E2CTR1946, E2CTR1948, E2CTR1950, E2CTR1952, E2CTR1954, E2CTR1956, E2CTR1958, E2CTR1960, E2CTR1962, E2CTR1964, E2CTR1966, E2CTR1968, E2CTR1970, E2CTR1972, E2CTR1974, E2CTR1976, E2CTR1978, E2CTR1980, E2CTR1982, E2CTR1984, E2CTR1986, E2CTR1988, E2CTR1990, E2CTR1992, E2CTR1994, E2CTR1996, E2CTR1998, E2CTR2000, E2CTR2002, E2CTR2004, E2CTR2006, E2CTR2008, E2CTR2010, E2CTR2012, E2CTR2014, E2CTR2016, E2CTR2018, E2CTR2020, E2CTR2022, E2CTR2024, E2CTR2026, E2CTR2028, E2CTR2030, E2CTR2032, E2CTR2034, E2CTR2036, E2CTR2038, E2CTR2040, E2CTR2042, E2CTR2044, E2CTR2046, E2CTR2048, E2CTR2050, E2CTR2052, E2CTR2054, E2CTR2056, E2CTR2058, E2CTR2060, E2CTR2062, E2CTR2064, E2CTR2066, E2CTR2068, E2CTR2070, E2CTR2072, E2CTR2074, E2CTR2076, E2CTR2078, E2CTR2080, E2CTR2082, E2CTR2084, E2CTR2086, E2CTR2088, E2CTR2090, E2CTR2092, E2CTR2094, E2CTR2096, E2CTR2098, E2CTR2100, E2CTR2102, E2CTR2104, E2CTR2106, E2CTR2108, E2CTR2110, E2CTR2112, E2CTR2114, E2CTR2116, E2CTR2118, E2CTR2120, E2CTR2122, E2CTR2124, E2CTR2126, E2CTR2128, E2CTR2130, E2CTR2132, E2CTR2134, E2CTR2136, E2CTR2138, E2CTR2140, E2CTR2142, E2CTR2144, E2CTR2146, E2CTR2148, E2CTR2150, E2CTR2152, E2CTR2154, E2CTR2156, E2CTR2158, E2CTR2160, E2CTR2162, E2CTR2164, E2CTR2166, E2CTR2168, E2CTR2170, E2CTR2172, E2CTR2174, E2CTR2176, E2CTR2178, E2CTR2180, E2CTR2182, E2CTR2184, E2CTR2186, E2CTR2188, E2CTR2190, E2CTR2192, E2CTR2194, E2CTR2196, E2CTR2198, E2CTR2200, E2CTR2202, E2CTR2204, E2CTR2206, E2CTR2208, E2CTR2210, E2CTR2212, E2CTR2214, E2CTR2216, E2CTR2218, E2CTR2220, E2CTR2222, E2CTR2224, E2CTR2226, E2CTR2228, E2CTR2230, E2CTR2232, E2CTR2234, E2CTR2236, E2CTR2238, E2CTR2240, E2CTR2242, E2CTR2244, E2CTR2246, E2CTR2248, E2CTR2250, E2CTR2252, E2CTR2254, E2CTR2256, E2CTR2258, E2CTR2260, E2CTR2262, E2CTR2264, E2CTR2266, E2CTR2268, E2CTR2270, E2CTR2272, E2CTR2274, E2CTR2276, E2CTR2278, E2CTR2280, E2CTR2282, E2CTR2284, E2CTR2286, E2CTR2288, E2CTR2290, E2CTR2292, E2CTR2294, E2CTR2296, E2CTR2298, E2CTR2300, E2CTR2302, E2CTR2304, E2CTR2306, E2CTR2308, E2CTR2310, E2CTR2312, E2CTR2314, E2CTR2316, E2CTR2318, E2CTR2320, E2CTR2322, E2CTR2324, E2CTR2326, E2CTR2328, E2CTR2330, E2CTR2332, E2CTR2334, E2CTR2336, E2CTR2338, E2CTR2340, E2CTR2342, E2CTR2344, E2CTR2346, E2CTR2348, E2CTR2350, E2CTR2352, E2CTR2354, E2CTR2356, E2CTR2358, E2CTR2360, E2CTR2362, E2CTR2364, E2CTR2366, E2CTR2368, E2CTR2370, E2CTR2372, E2CTR2374, E2CTR2376, E2CTR2378, E2CTR2380, E2CTR2382, E2CTR2384, E2CTR2386, E2CTR2388, E2CTR2390, E2CTR2392, E2CTR2394, E2CTR2396, E2CTR2398, E2CTR2400, E2CTR2402, E2CTR2404, E2CTR2406, E2CTR2408, E2CTR2410, E2CTR2412, E2CTR2414, E2CTR2416, E2CTR2418, E2CTR2420, E2CTR2422, E2CTR2424, E2CTR2426, E2CTR2428, E2CTR2430, E2CTR2432, E2CTR2434, E2CTR2436, E2CTR2438, E2CTR2440, E2CTR2442, E2CTR2444, E2CTR2446, E2CTR2448, E2CTR2450, E2CTR2452, E2CTR2454, E2CTR2456, E2CTR2458, E2CTR2460, E2CTR2462, E2CTR2464, E2CTR2466, E2CTR2468, E2CTR2470, E2CTR2472, E2CTR2474, E2CTR2476, E2CTR2478, E2CTR2480, E2CTR2482, E2CTR2484, E2CTR2486, E2CTR2488, E2CTR2490, E2CTR2492, E2CTR2494, E2CTR2496, E2CTR2498, E2CTR2500, E2CTR2502, E2CTR2504, E2CTR2506, E2CTR2508, E2CTR2510, E2CTR2512, E2CTR2514, E2CTR2516, E2CTR2518, E2CTR2520, E2CTR2522, E2CTR2524, E2CTR2526, E2CTR2528, E2CTR2530, E2CTR2532, E2CTR2534, E2CTR2536, E2CTR2538, E2CTR2540, E2CTR2542, E2CTR2544, E2CTR2546, E2CTR2548, E2CTR2550, E2CTR2552, E2CTR2554, E2CTR2556, E2CTR2558, E2CTR2560, E2CTR2562, E2CTR2564, E2CTR2566, E2CTR2568, E2CTR2570, E2CTR2572, E2CTR2574, E2CTR2576, E2CTR2578, E2CTR2580, E2CTR2582, E2CTR2584, E2CTR2586, E2CTR2588, E2CTR2590, E2CTR2592, E2CTR2594, E2CTR2596, E2CTR2598, E2CTR2600, E2CTR2602, E2CTR2604, E2CTR2606, E2CTR2608, E2CTR2610, E2CTR2612, E2CTR2614, E2CTR2616, E2CTR2618, E2CTR2620, E2CTR2622, E2CTR2624, E2CTR2626, E2CTR2628, E2CTR2630, E2CTR2632, E2CTR2634, E2CTR2636, E2CTR2638, E2CTR2640, E2CTR2642, E2CTR2644, E2CTR2646, E2CTR2648, E2CTR2650, E2CTR2652, E2CTR2654, E2CTR2656, E2CTR2658, E2CTR2660, E2CTR2662, E2CTR2664, E2CTR2666, E2CTR2668, E2CTR2670, E2CTR2672, E2CTR2674, E2CTR2676, E2CTR2678, E2CTR2680, E2CTR2682, E2CTR2684, E2CTR2686, E2CTR2688, E2CTR2690, E2CTR2692, E2CTR2694, E2CTR2696, E2CTR2698, E2CTR2700, E2CTR2702, E2CTR2704, E2CTR2706, E2CTR2708, E2CTR2710, E2CTR2712, E2CTR2714, E2CTR2716, E2CTR2718, E2CTR2720, E2CTR2722, E2CTR2724, E2CTR2726, E2CTR2728, E2CTR2730, E2CTR2732, E2CTR2734, E2CTR2736, E2CTR2738, E2CTR2740, E2CTR2742, E2CTR2744, E2CTR2746, E2CTR2748, E2CTR2750, E2CTR2752, E2CTR2754, E2CTR2756, E2CTR2758, E2CTR2760, E2CTR2762, E2CTR2764, E2CTR2766, E2CTR2768, E2CTR2770, E2CTR2772, E2CTR2774, E2CTR2776, E2CTR2778, E2CTR2780, E2CTR2782, E2CTR2784, E2CTR2786, E2CTR2788, E2CTR2790, E2CTR2792, E2CTR2794, E2CTR2796, E2CTR2798, E2CTR2800, E2CTR2802, E2CTR2804, E2CTR2806, E2CTR2808, E2CTR2810, E2CTR2812, E2CTR2814, E2CTR2816, E2CTR2818, E2CTR2820, E2CTR2822, E2CTR2824, E2CTR2826, E2CTR2828, E2CTR2830, E2CTR2832, E2CTR2834, E2CTR2836, E2CTR2838, E2CTR2840, E2CTR2842, E2CTR2844, E2CTR2846, E2CTR2848, E2CTR2850, E2CTR2852, E2CTR2854, E2CTR2856, E2CTR2858, E2CTR2860, E2CTR2862, E2CTR2864, E2CTR2866, E2CTR2868, E2CTR2870, E2CTR2872, E2CTR2874, E2CTR2876, E2CTR2878, E2CTR2880, E2CTR2882, E2CTR2884, E2CTR2886, E2CTR2888, E2CTR2890, E2CTR2892, E2CTR2894, E2CTR2896, E2CTR2898, E2CTR2900, E2CTR2902, E2CTR2904, E2CTR2906, E2CTR2908, E2CTR2910, E2CTR2912, E2CTR2914, E2CTR2916, E2CTR2918, E2CTR2920, E2CTR2922, E2CTR2924, E2CTR2926, E2CTR2928, E2CTR2930, E2CTR2932, E2CTR2934, E2CTR2936, E2CTR2938, E2CTR2940, E2CTR2942, E2CTR2944, E2CTR2946, E2CTR2948, E2CTR2950, E2CTR2952, E2CTR2954, E2CTR2956, E2CTR2958, E2CTR2960, E2CTR2962, E2CTR2964, E2CTR2966, E2CTR2968, E2CTR2970, E2CTR2972, E2CTR2974, E2CTR2976, E2CTR2978, E2CTR2980, E2CTR2982, E2CTR2984, E2CTR2986, E2CTR2988, E2CTR2990, E2CTR2992, E2CTR2994, E2CTR2996, E2CTR2998, E2CTR3000, E2CTR3002, E2CTR3004, E2CTR3006, E2CTR3008, E2CTR3010, E2CTR3012, E2CTR3014, E2CTR3016, E2CTR3018, E2CTR3020, E2CTR3022, E2CTR3024, E2CTR3026, E2CTR3028, E2CTR3030, E2CTR3032, E2CTR3034, E2CTR3036, E2CTR3038, E2CTR3040, E2CTR3042, E2CTR3044, E2CTR3046, E2CTR3048, E2CTR3050, E2CTR3052, E2CTR3054, E2CTR3056, E2CTR3058, E2CTR3060, E2CTR3062, E2CTR3064, E2CTR3066, E2CTR3068, E2CTR3070, E2CTR3072, E2CTR3074, E2CTR3076, E2CTR3078, E2CTR3080, E2CTR3082, E2CTR3084, E2CTR3086, E2CTR3088, E2CTR3090, E2CTR3092, E2CTR3094, E2CTR3096, E2CTR3098, E2CTR3100, E2CTR3102, E2CTR3104, E2CTR3106, E2CTR3108, E2CTR3110, E2CTR3112, E2CTR3114, E2CTR3116, E2CTR3118, E2CTR3120, E2CTR3122, E2CTR3124, E2CTR3126, E2CTR3128, E2CTR3130, E2CTR3132, E2CTR3134, E2CTR3136, E2CTR3138, E2CTR3140, E2CTR3142, E2CTR3144, E2CTR3146, E2CTR3148, E2CTR3150, E2CTR3152, E2CTR31**

Model	Deck Family-Slab Type ^{1,2}	Applicable Load Type ³	Min. Spacing and/or Max. Load Angle for Full Capacity ⁴	Strength ^{4,5}	Max. Fire Sprinkler Pipe ⁶
NDH3812 or MDH3812	W2	Vertical	27 1/2 in.	P _n (lbs) 2119 P _u /Q (lbs) 588 Φ _p (lbs) 953 Ω 3.60 φ 0.45	3/8 4 1/2 5
NDH1258 or MDH1258	W3	Vertical	12 3/4 in.	1266 477 759 2.65 0.60	3/8 4 1/2 4 5/8 5
NDH45-W3	W3	Vertical and Bracing	9 1/2 in. 40°	1845 658 1107 2.80 0.60	3/8 4 1/2 6 5/8 6
NDH38FV-W3	W3	Vertical	-	2946 1052 1620 2.80 0.55	3/8 1 1/2

Notes:
 1) Badger NUSIG Connectors shall be installed and inspected per the manufacturer instructions.
 2) Composite Deck-Slab with minimum $f_c = 3000$ psi, 110 pcf minimum LWC or NWC.
 3) Vertical load assumes deck in a horizontal plane $\pm 5^\circ$. The bracing load may be applied in any horizontal direction.
 4) The allowable strength, P_n/Ω , shall be equal to or greater than the governing nominal load or load combination for Allowable Stress Design (ASD) as stipulated in the IBC or ASCE/SEI 7.
 5) The factored strength, ϕP_n , shall be equal to or greater than the governing factored load or factored load combination for Load and Resistance Factor Design as stipulated in the IBC or ASCE/SEI 7.
 6) Maximum fire sprinkler pipe size in accordance with NFPA 13 assuming minimum connector spacing for full capacity.
 7) Applicable to all threaded rod sizes that can be used with Badger NUSIG Connector. The load shall not exceed the strength of the threaded rod provided by others.
 8) For Badger NUSIG Connectors at spacings less than the minimum spacing required for full capacity, the nominal strength shall be calculated using equations BN-1 through BN-3.
 For NDH3812 or MDH3812 in W2 deck-slabs $P_n = 2119 - \alpha_s$ $\alpha_s = 0.014 \cdot S + 0.601 \pm 1$ $\Omega = 3.60$ $\phi = 0.45$ [BN-1]
 For NDH3812 or MDH3812 in W3 deck-slabs $P_n = 1266 - \alpha_s$ $\alpha_s = 0.013 \cdot S + 0.893 \pm 1$ $\Omega = 2.65$ $\phi = 0.60$ [BN-2]
 For NDH1258 or MDH1258 in W3 deck-slabs $P_n = 1845 - \alpha_s$ $\alpha_s = 0.016 \cdot S + 0.891 \pm 1$ $\Omega = 2.80$ $\phi = 0.60$ [BN-3]
 9) For Badger NUSIG Connectors at spacings less than the minimum spacing required and/or the maximum load application angle from vertical for full capacity, the nominal strength shall be calculated using equation BN-4.
 For NDH45-W3 installed in W3 deck-slabs $P_n = 2946 - \alpha_s$ $\alpha_s = 0.030 \cdot S + 0.714 \pm 1$ $\Omega = 2.80$ $\phi = 0.55$ [BN-4]
 Where:
 P_n = Nominal Strength of Badger NUSIG Connector
 S = Badger NUSIG Connector spacing (in.)
 θ = Load application angle from the axis of the threaded rod (deg), $\leq 60^\circ$



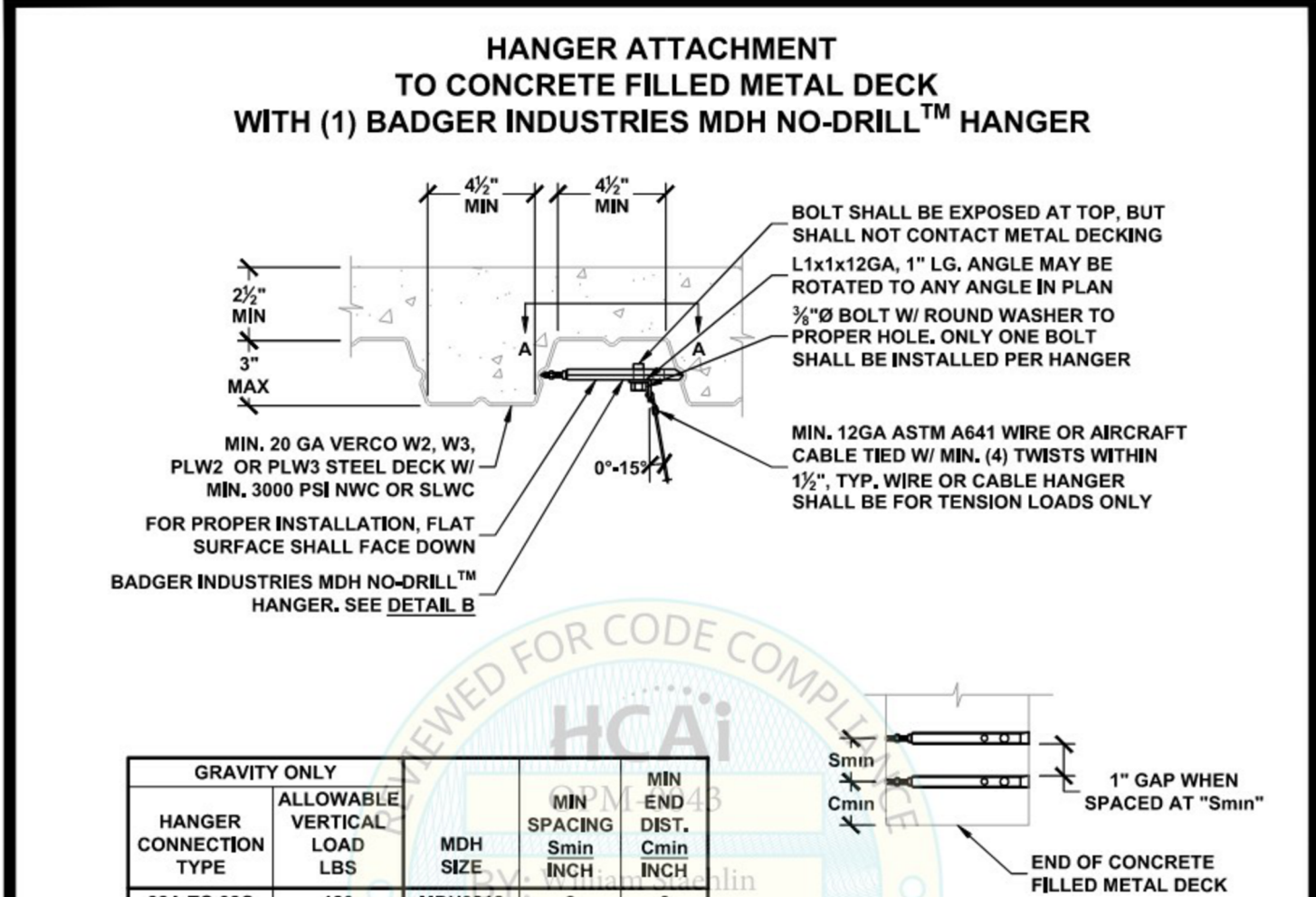
1/23/2023 OPM-0043: Reviewed for Code Compliance by William Staehlin 542 of 792



HANGER CONNECTION TYPE	ALLOWABLE VERTICAL LOAD LBS	HANGER CONNECTION TYPE	ALLOWABLE VERTICAL LOAD LBS	ATR HANGER DIA. INCH	MIN ROD LENGTH INCH	MDH SIZE	MIN SPACING Smin INCH	MIN END DIST. Cmin INCH
3A TO 3B	200	3A TO 3B	400	3/8	6	MDH3812	2	6
5A TO 5C	200	5A TO 5E	400	3/8	18			
5A TO 5D	300	5A TO 5G	600	3/8	8	MDH1258	3	6
6A TO 6D	300	6A TO 6G	600	3/8	18			



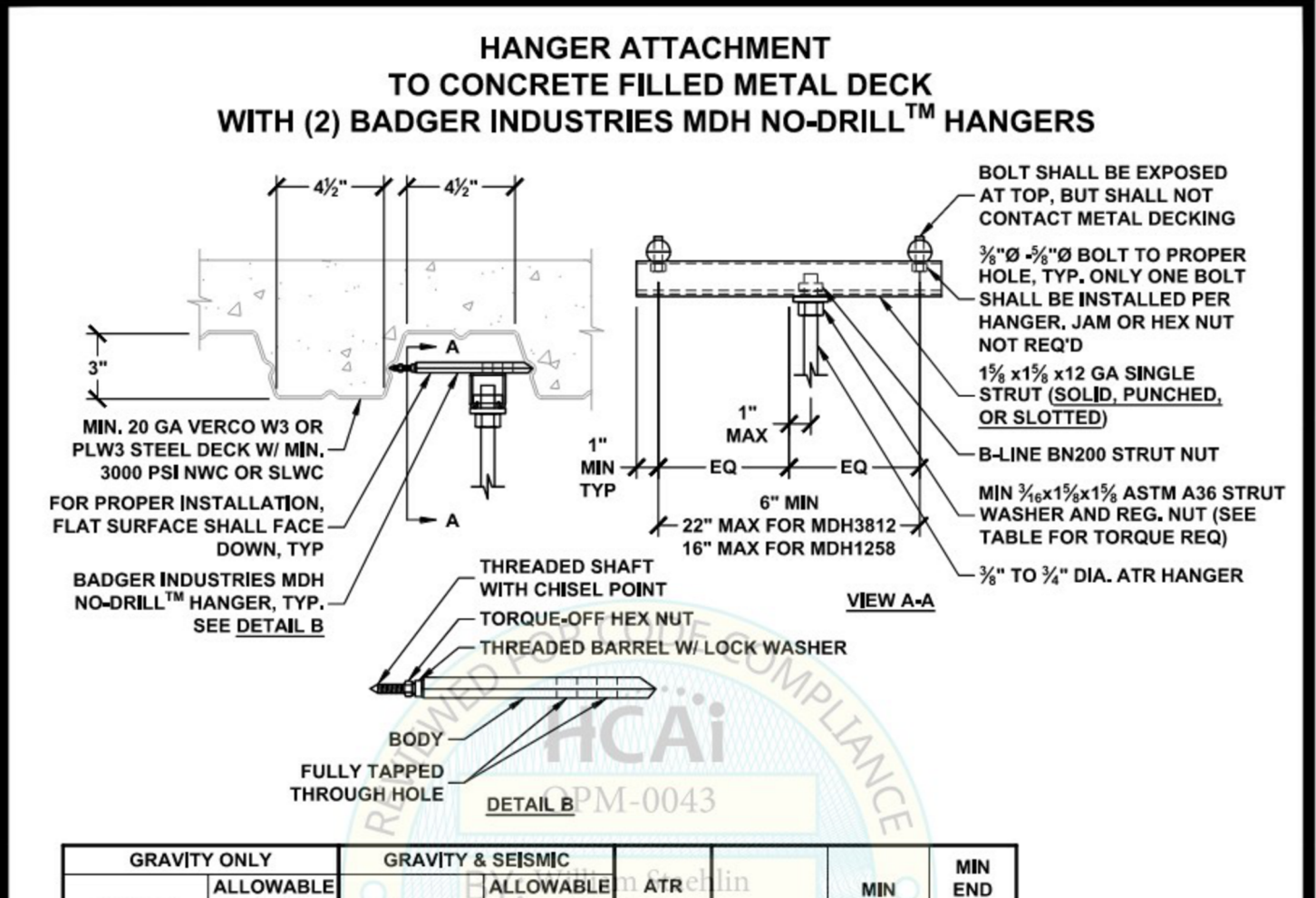
1/23/2023 OPM-0043: Reviewed for Code Compliance by William Staehlin 539 of 792



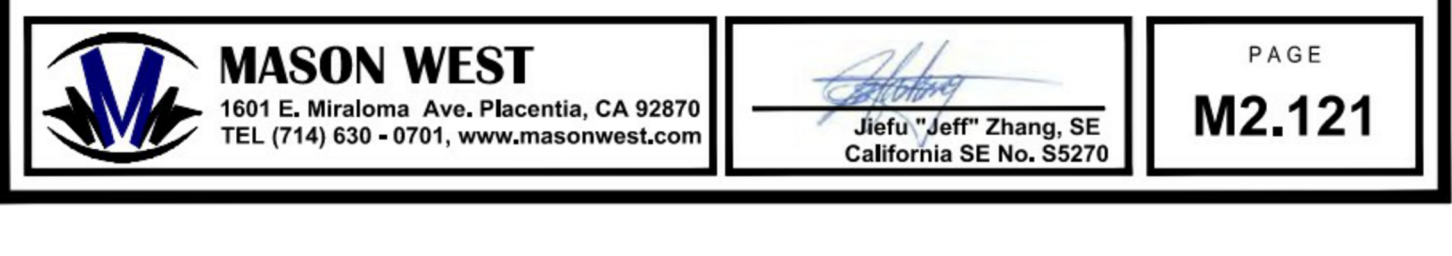
HANGER CONNECTION TYPE	ALLOWABLE VERTICAL LOAD LBS	HANGER CONNECTION TYPE	ALLOWABLE VERTICAL LOAD LBS	ATR HANGER DIA. INCH	MIN ROD LENGTH INCH	MDH SIZE	MIN SPACING Smin INCH	MIN END DIST. Cmin INCH
3A TO 3C	180	MDH3812	2	6				



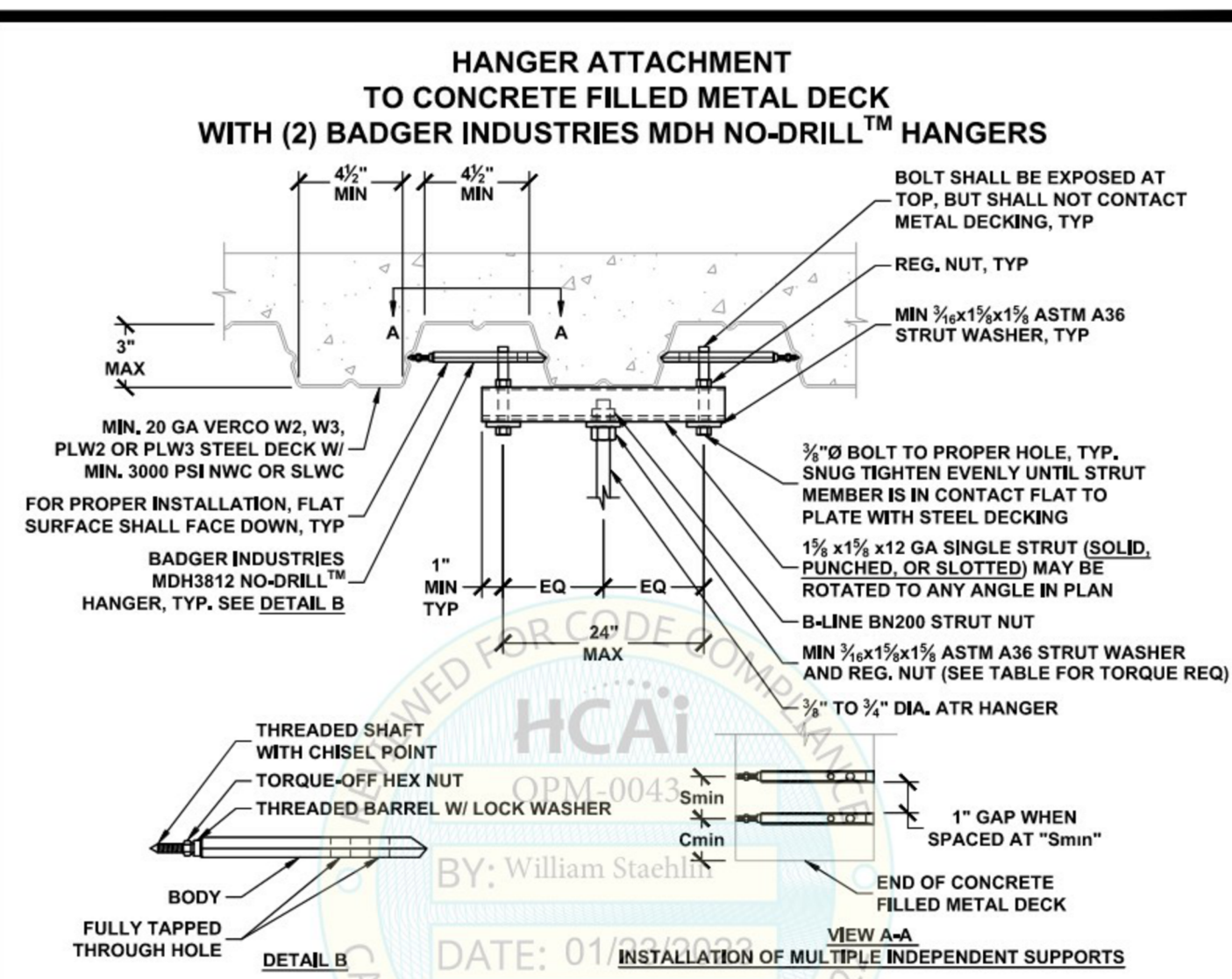
1/23/2023 OPM-0043: Reviewed for Code Compliance by William Staehlin 540 of 792



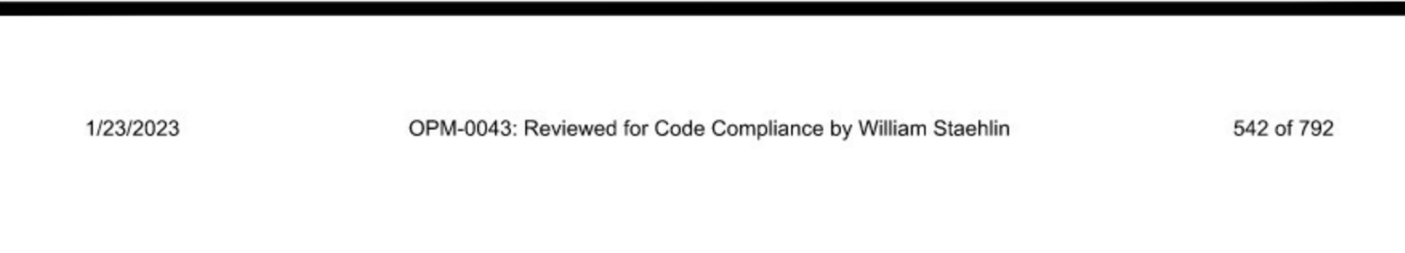
HANGER CONNECTION TYPE	ALLOWABLE VERTICAL LOAD LBS	HANGER CONNECTION TYPE	ALLOWABLE VERTICAL LOAD LBS	ATR HANGER DIA. INCH	MIN ROD LENGTH INCH	MDH SIZE	MIN SPACING Smin INCH	MIN END DIST. Cmin INCH
3A TO 3B	300	3A TO 3B	600	3/8	6	MDH3812	2	6
5A TO 5C	300	5A TO 5E	600	3/8	18			
5A TO 5D	450	5A TO 5G	900	3/8	8	MDH1258	3	6
6A TO 6D	450	6A TO 6G	900	3/8	18			
7A TO 7F	450	7A TO 7H	900	3/8	18			



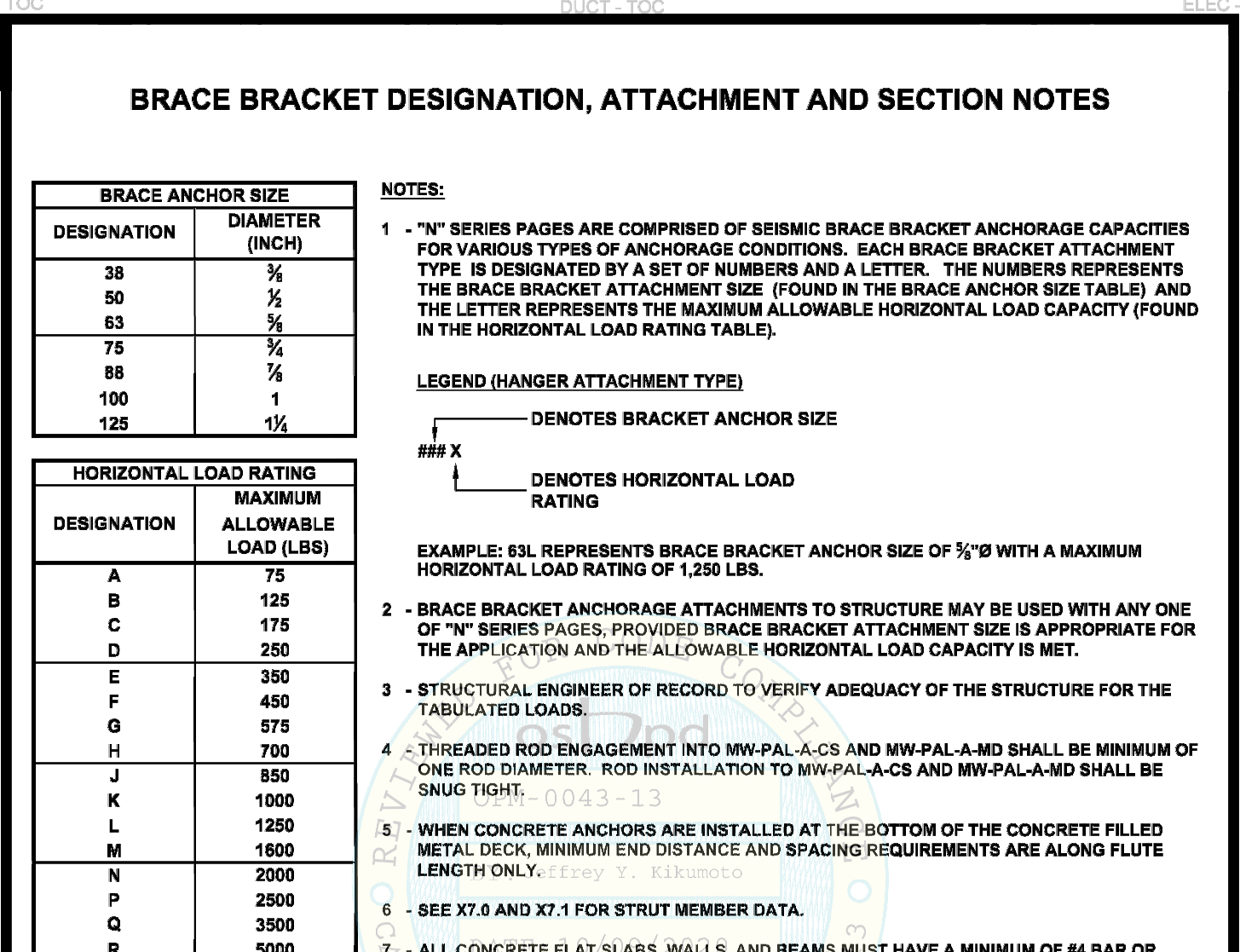
1/23/2023 OPM-0043: Reviewed for Code Compliance by William Staehlin 541 of 792



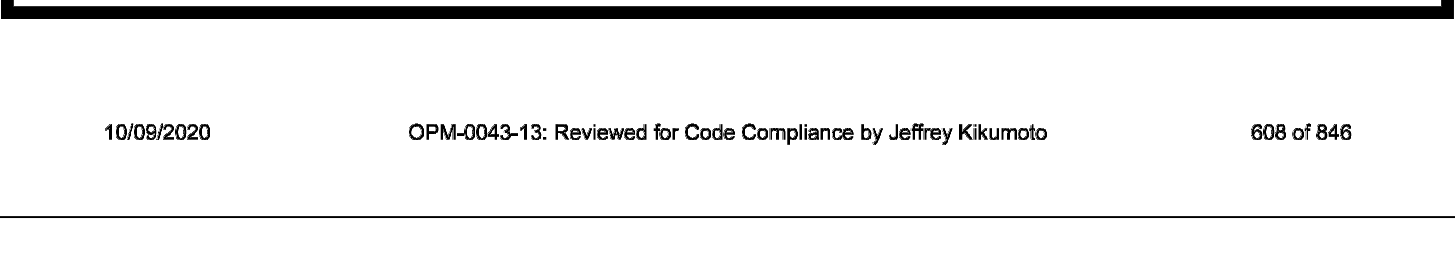
HANGER CONNECTION TYPE	ALLOWABLE VERTICAL LOAD LBS	HANGER CONNECTION TYPE	ALLOWABLE VERTICAL LOAD LBS	ATR HANGER DIA. INCH	MIN ROD LENGTH INCH	MDH SIZE	MIN SPACING Smin INCH	MIN END DIST. Cmin INCH
3A TO 3B	400	3A TO 3B	800	3/8	6	MDH3812	2	6
5A TO 5E	400	5A TO 5G	800	3/8	18			
6A TO 6E	400	6A TO 6G	800	3/8	18			



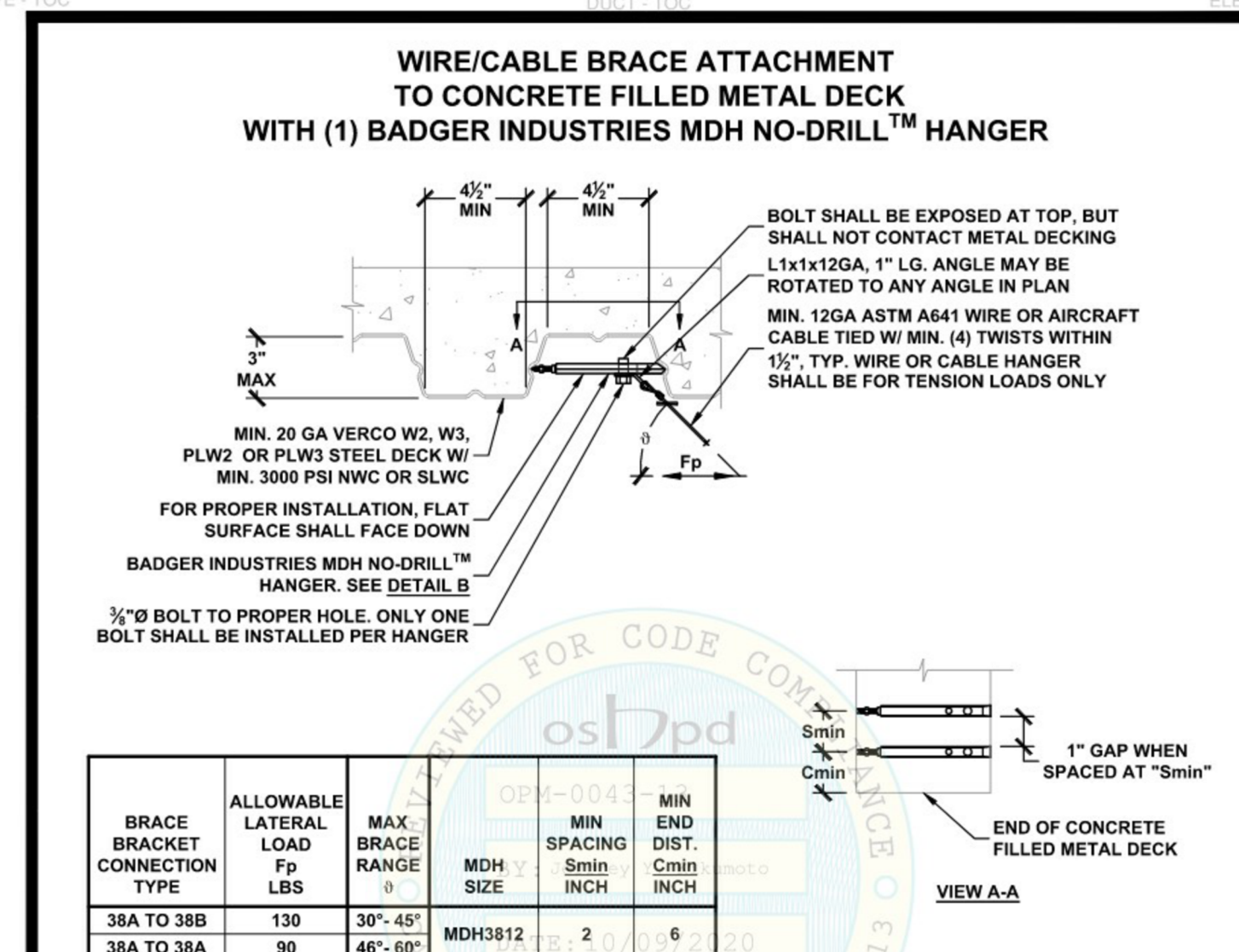
1/23/2023 OPM-0043: Reviewed for Code Compliance by William Staehlin 542 of 792



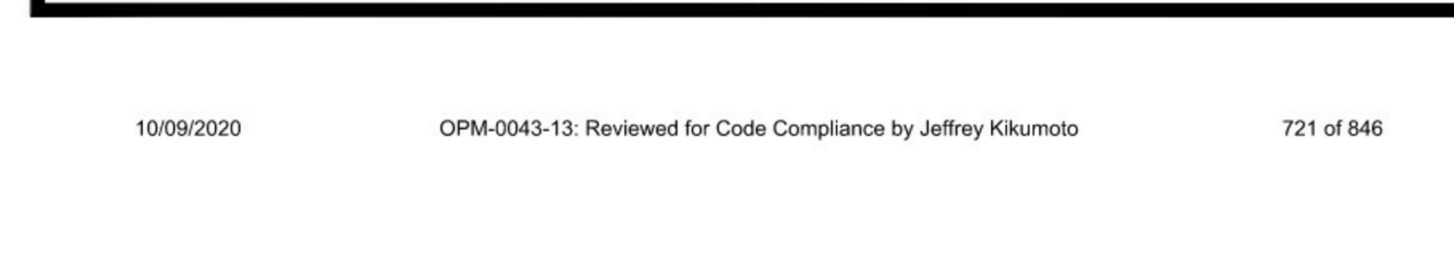
DESIGNATION	MAXIMUM ALLOWABLE LOAD (LBS)
A	75
B	125
C	175
D	225
E	350
F	450
G	575
H	700
J	850
K	1000
L	1250
M	1500
N	2000
P	2500
Q	3000
R	5000
S	7500
T	11000



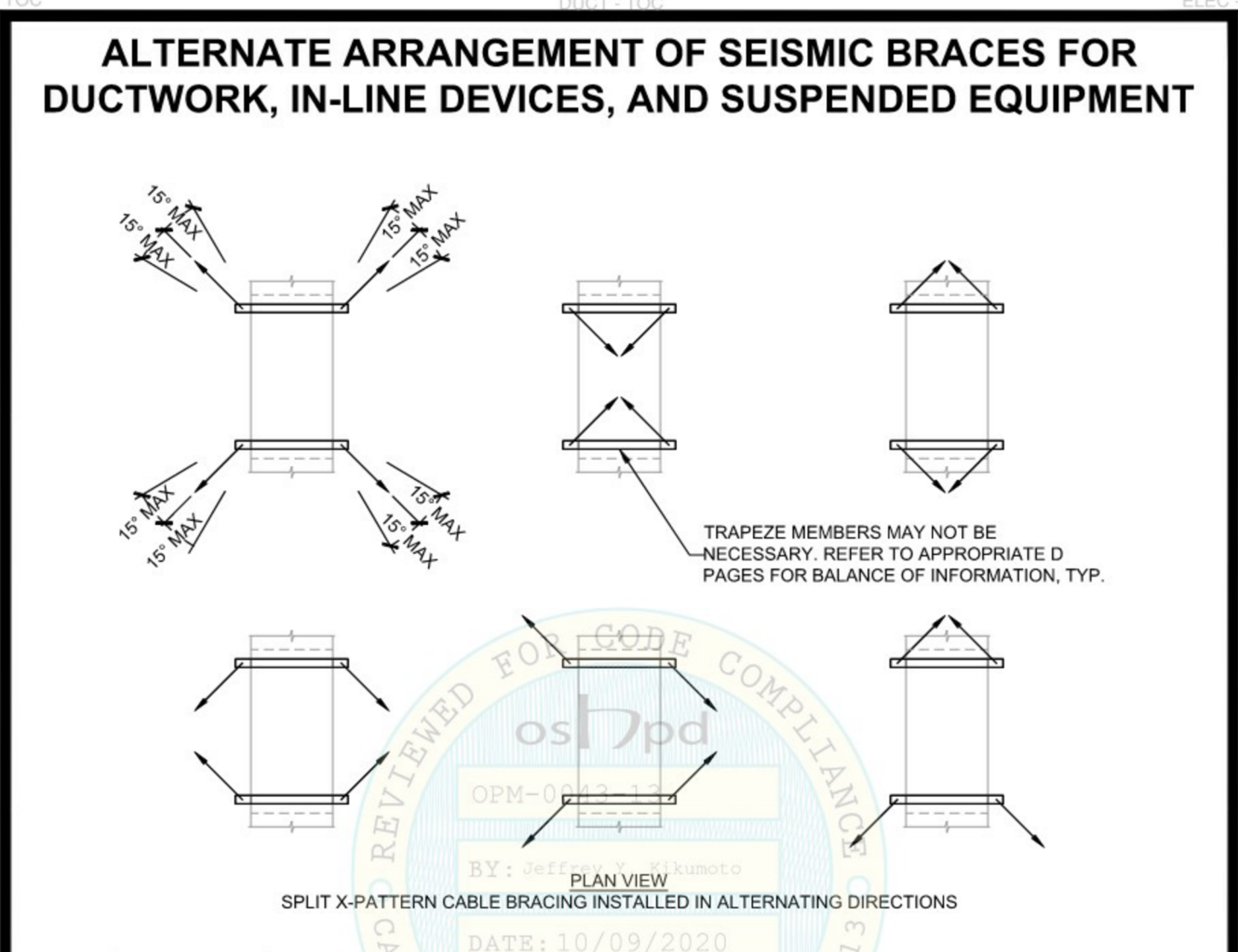
10/09/2020 OPM-0043-13: Reviewed for Code Compliance by Jeffrey Kikumoto 808 of 846



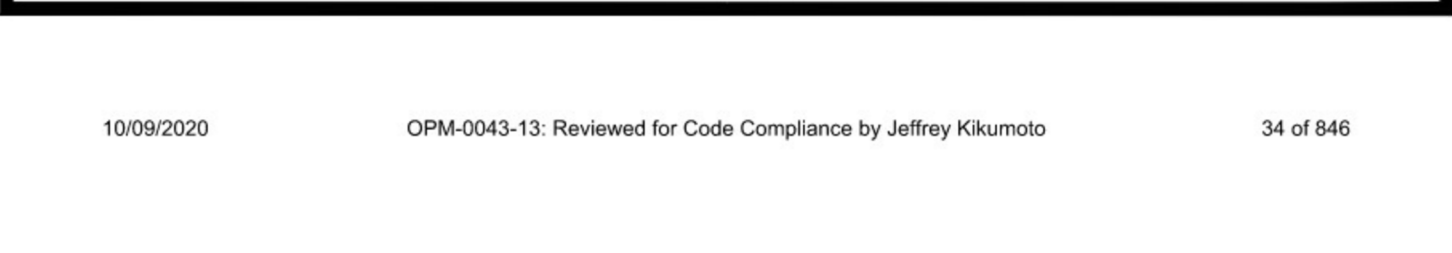
BRACE BRACKET CONNECTION TYPE	ALLOWABLE LATERAL LOAD Fp LBS	MAX. BRACE RANGE INCH	MDH SIZE	MIN SPACING Smin INCH	MIN END DIST. Cmin INCH
3A TO 3B	130	36"-60"	MDH3812	2	6
3A TO 3A	90	46"-60"			



10/09/2020 OPM-0043-13: Reviewed for Code Compliance by Jeffrey Kikumoto 721 of 846

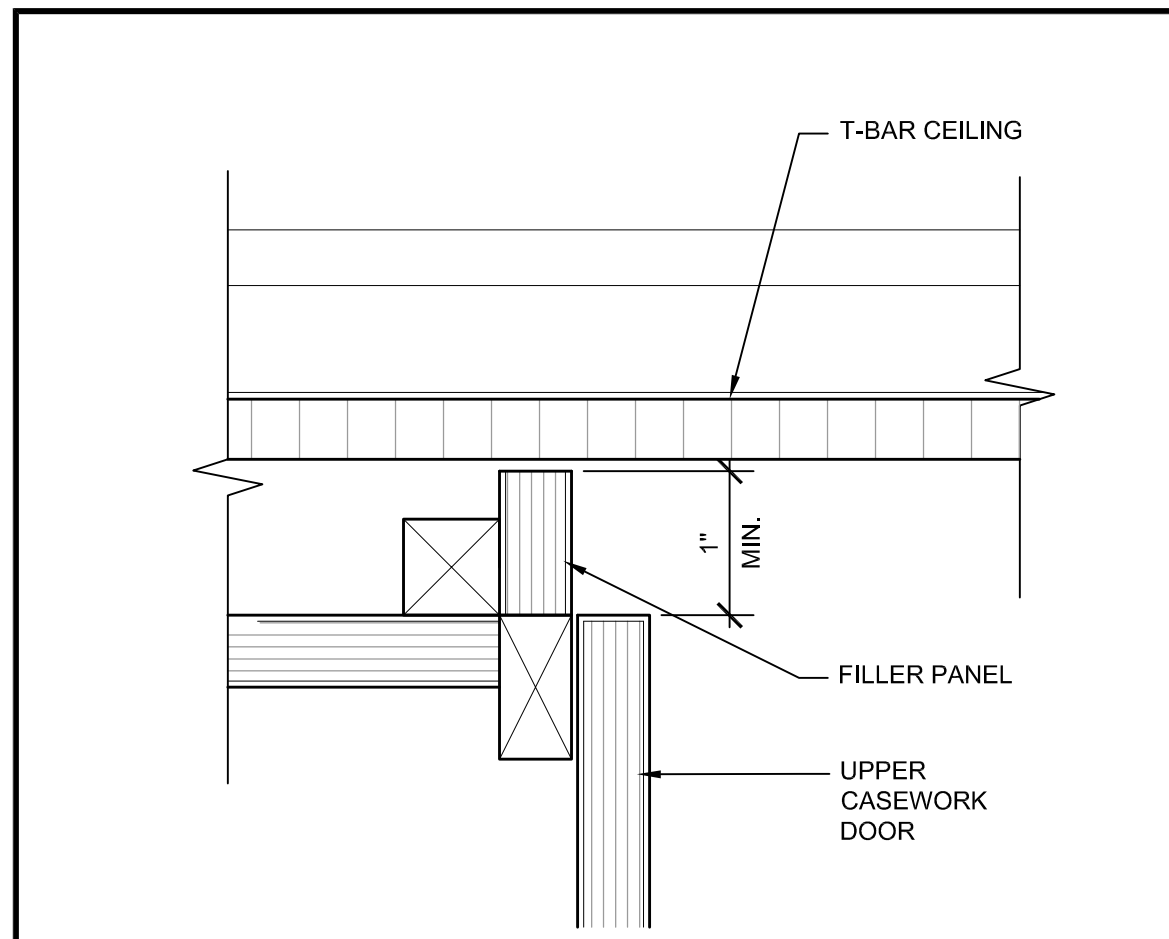


BRACE BRACKET CONNECTION TYPE	ALLOWABLE LATERAL LOAD Fp LBS	MAX. BRACE RANGE INCH	MDH SIZE	MIN SPACING Smin INCH	MIN END DIST. Cmin INCH
3A TO 3B	130	36"-60"	MDH3812	2	6
3A TO 3A	90	46"-60"			

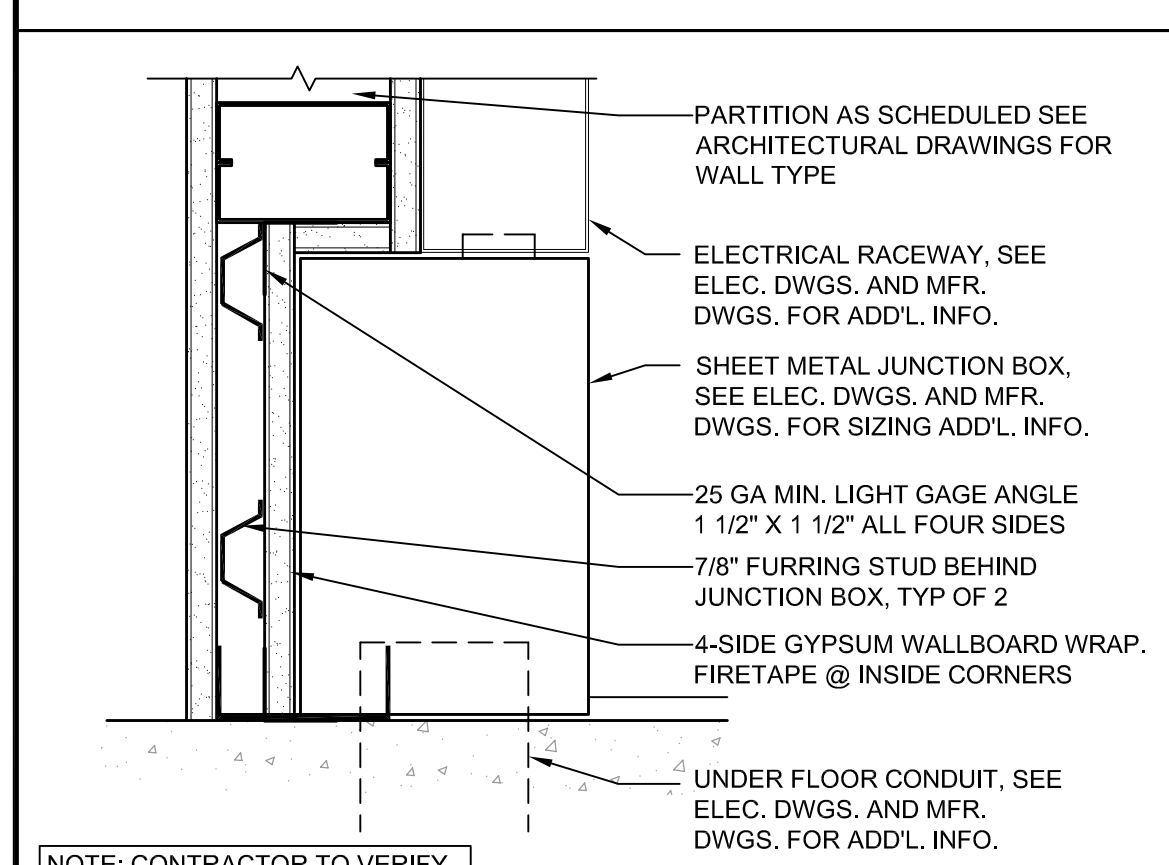


10/09/2020 OPM-0043-13: Reviewed for Code Compliance by Jeffrey Kikumoto 34 of 846

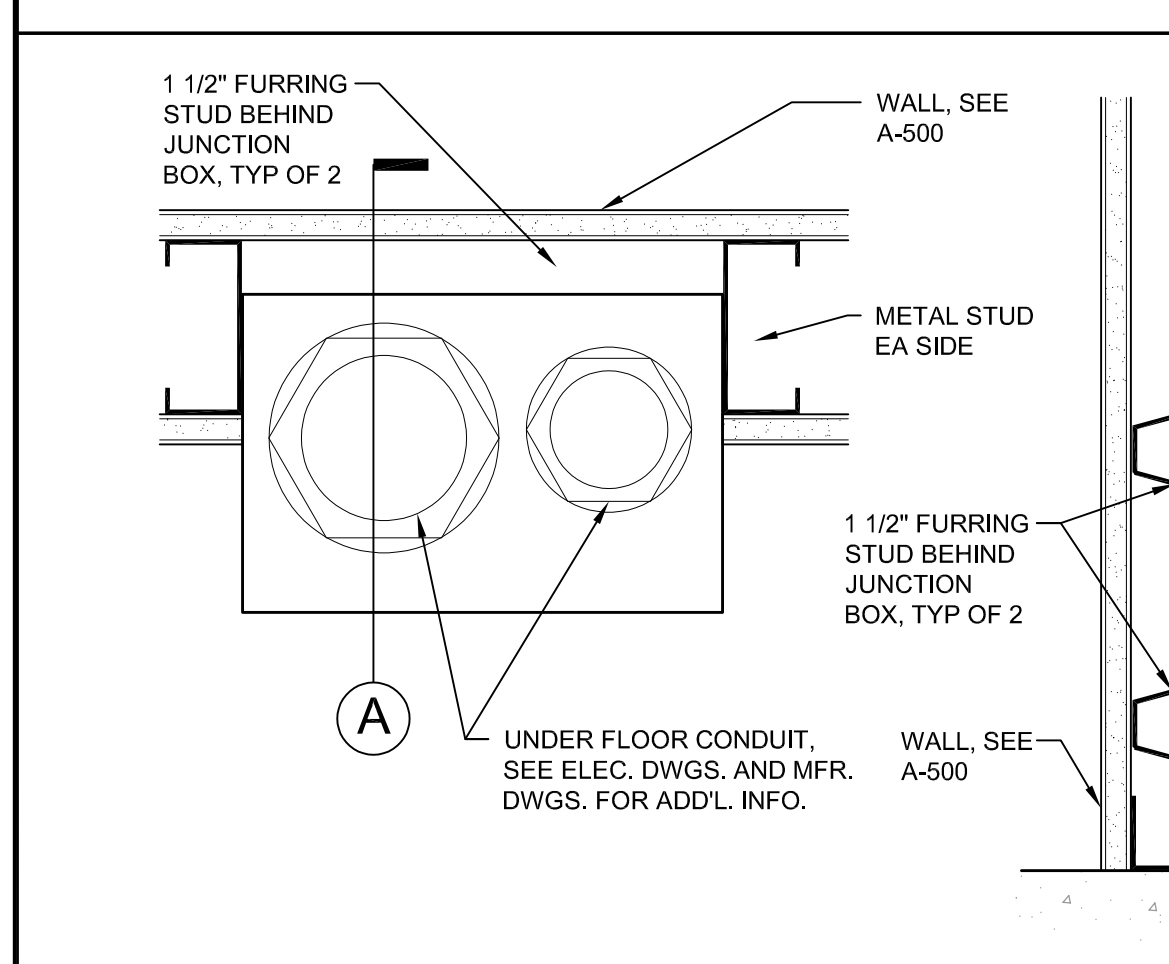
REV	REVISION DESCRIPTION	DATE
2	ADDENDUM 1 (ACD-001)	10/14/2025



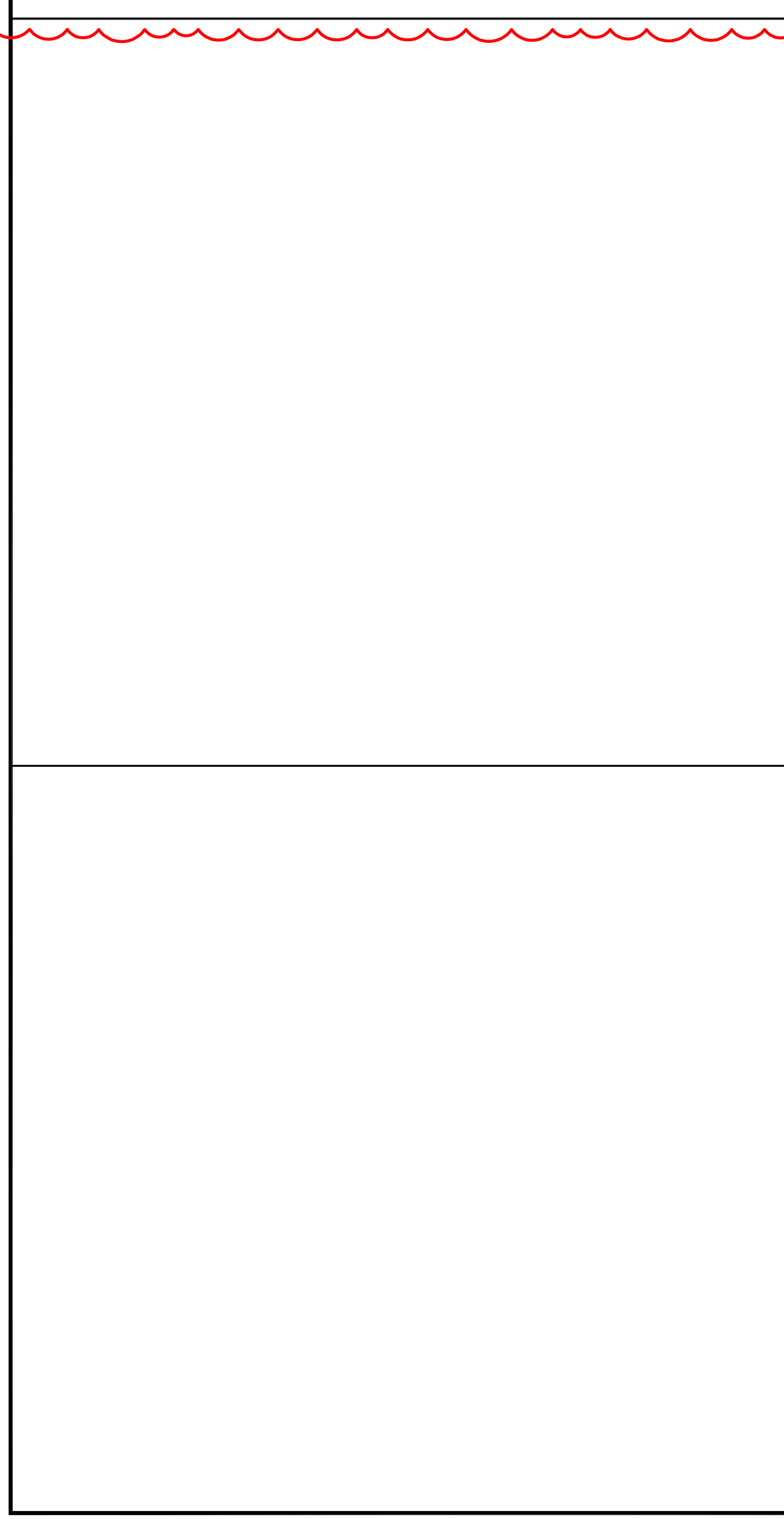
26 CASEWORK CLOSER PANEL
SCALE: 6" = 1'-0"



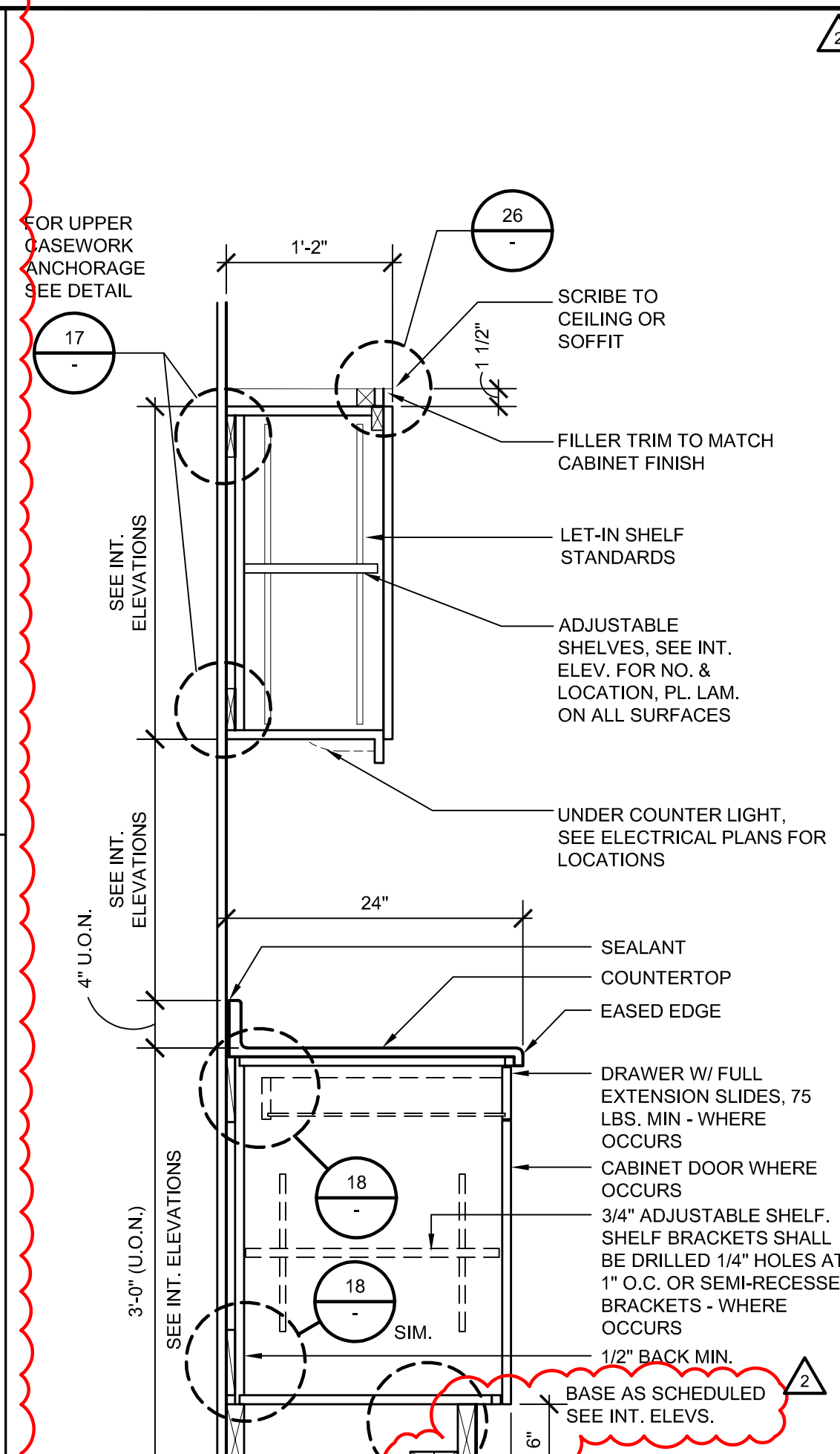
27 CONDUIT J BOX AT FIRE WALL
SCALE: 3" = 1'-0"



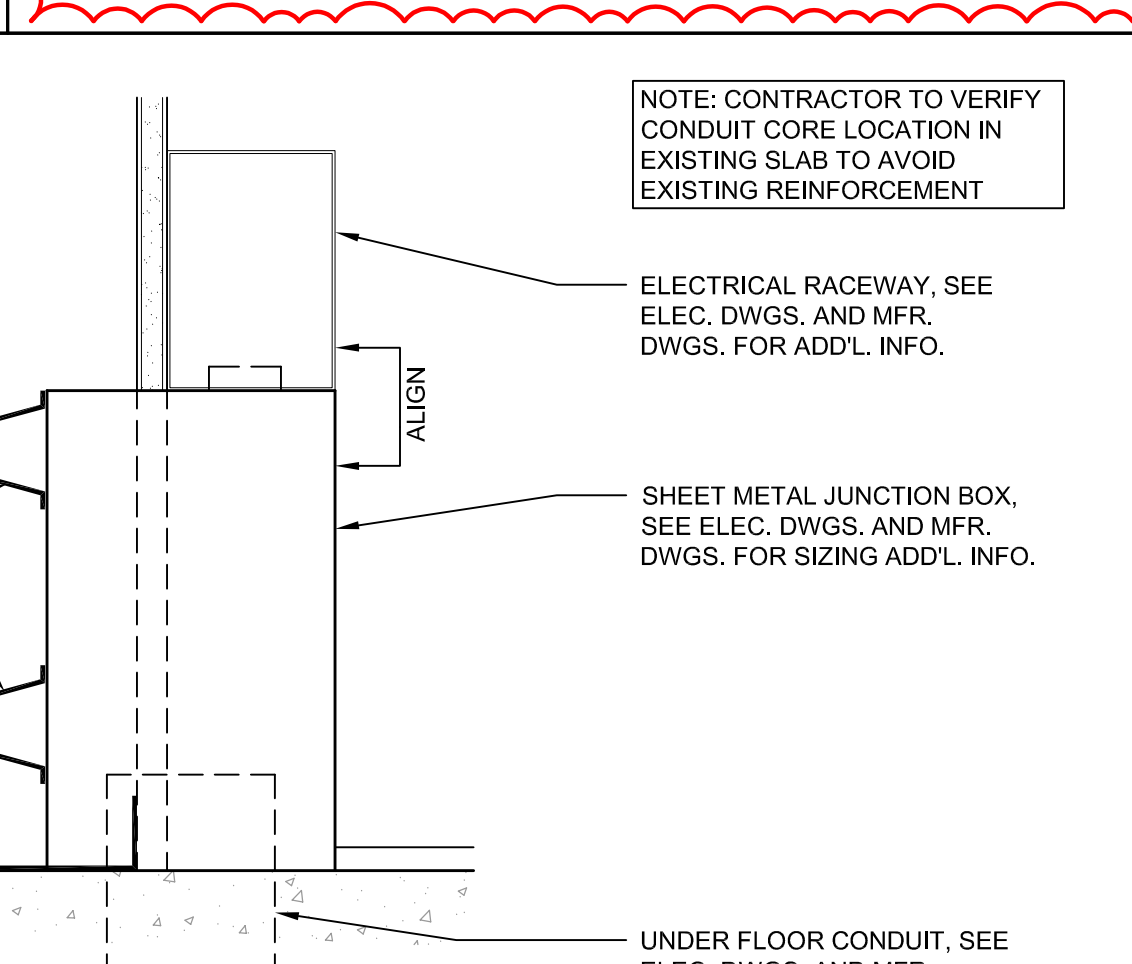
28 THRU FLOOR CONDUIT JUNCTION BOX
SCALE: 3" = 1'-0"



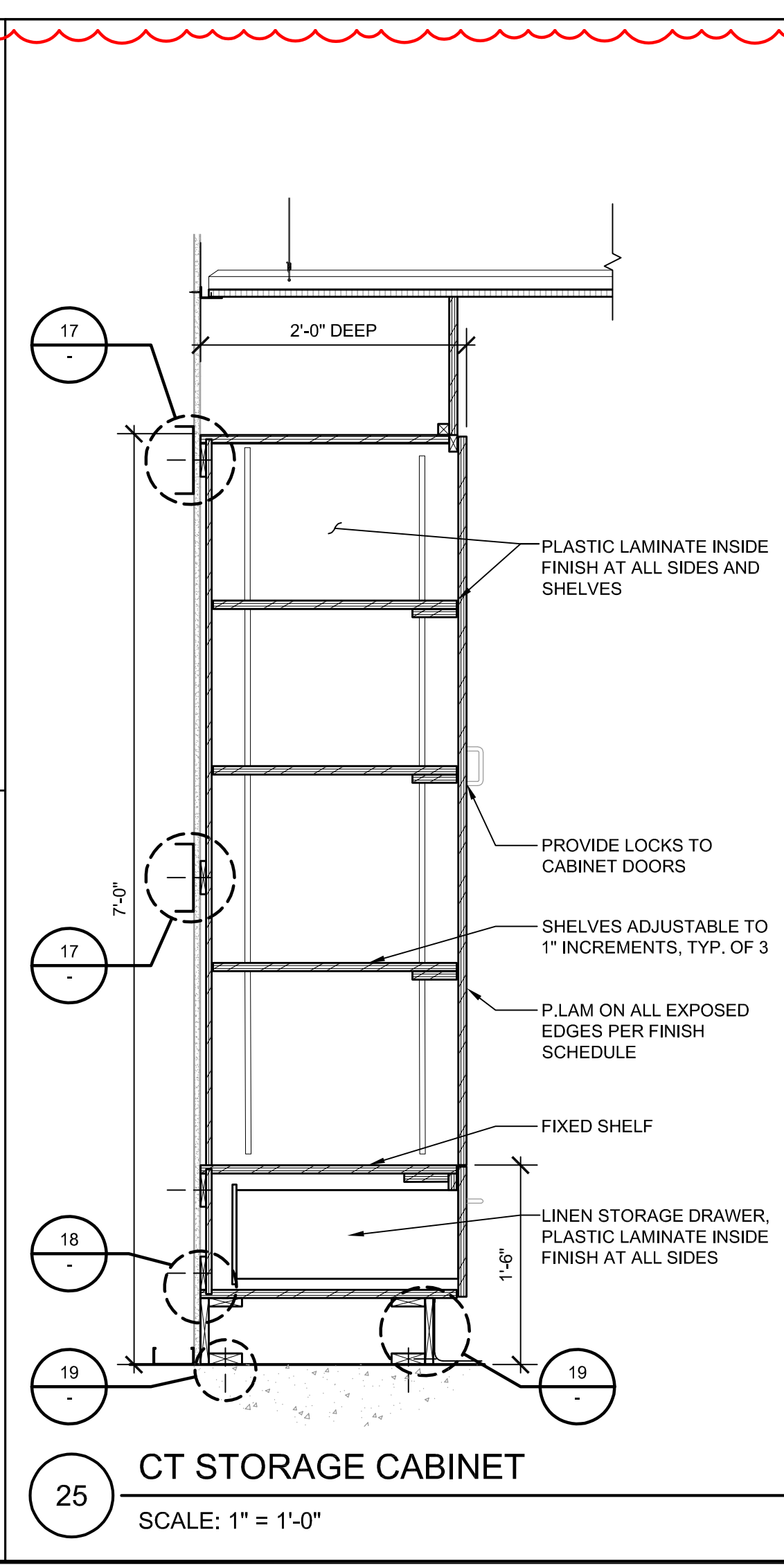
25 CT STORAGE CABINET
SCALE: 1" = 1'-0"



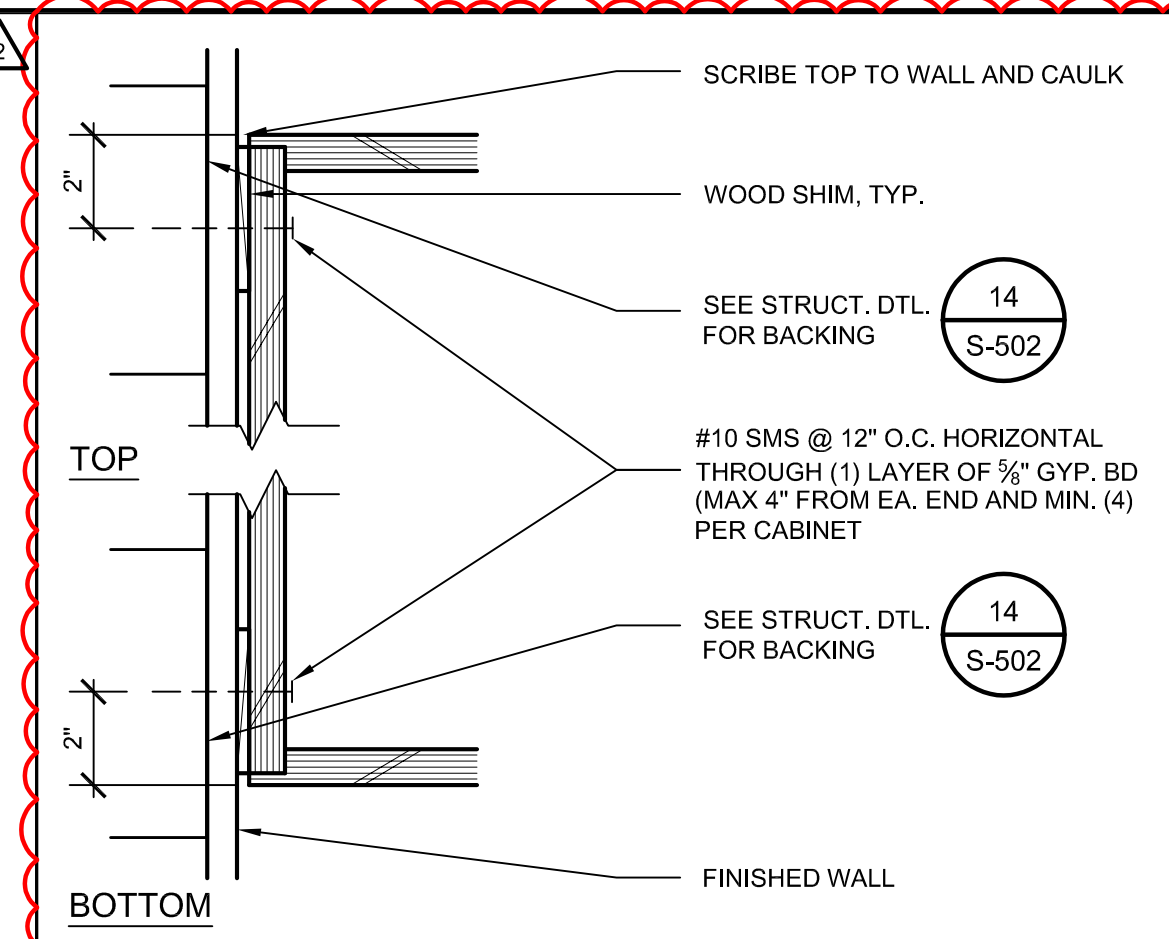
22 CABINET DETAIL
SCALE: 1" = 1'-0"



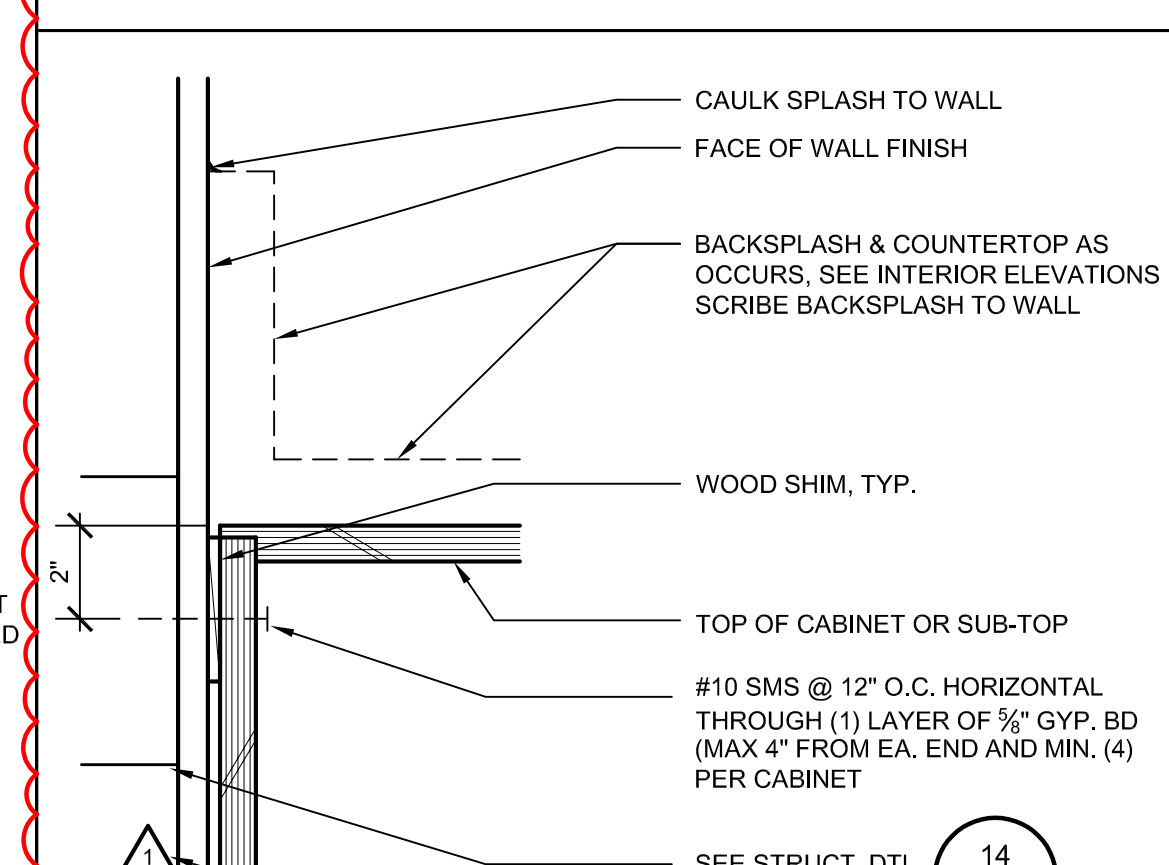
18 BASE/TALL CABINET ANCHOR
SCALE: 3" = 1'-0"



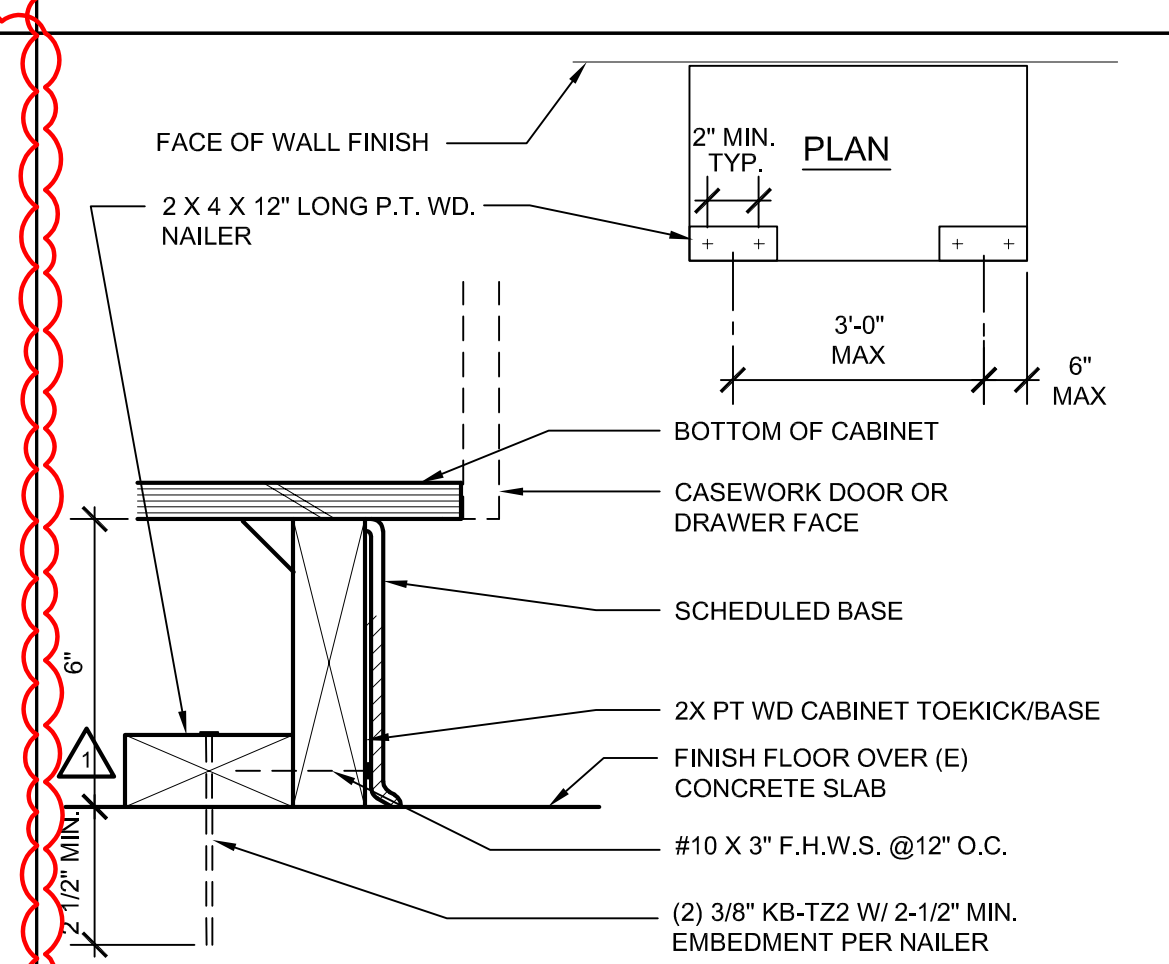
19 BASE/TALL CABINET ANCHOR
SCALE: 3" = 1'-0"



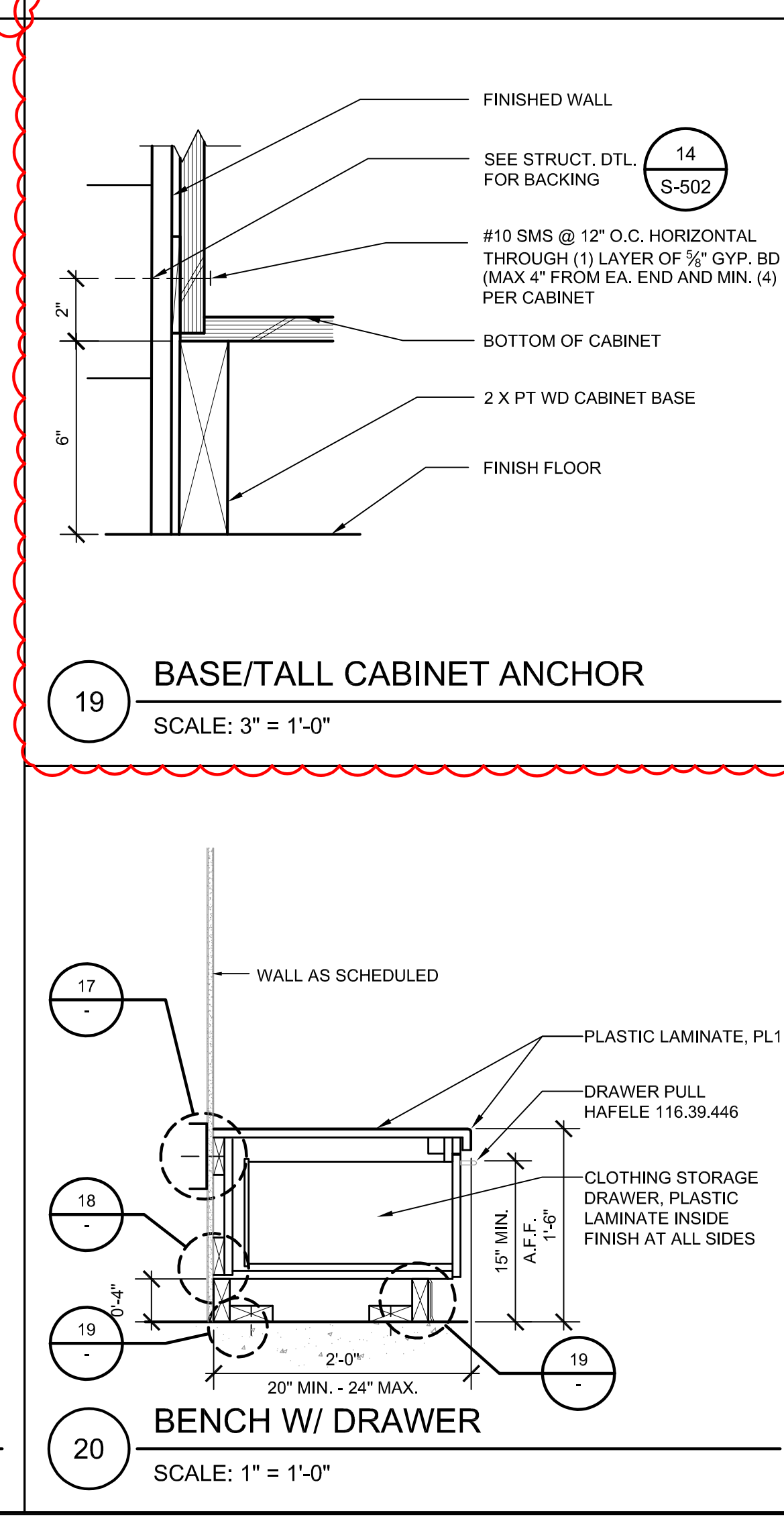
16 WALL HUNG CABINET ANCHOR
SCALE: 3" = 1'-0"



17 BASE CABINET ANCHOR
SCALE: 3" = 1'-0"



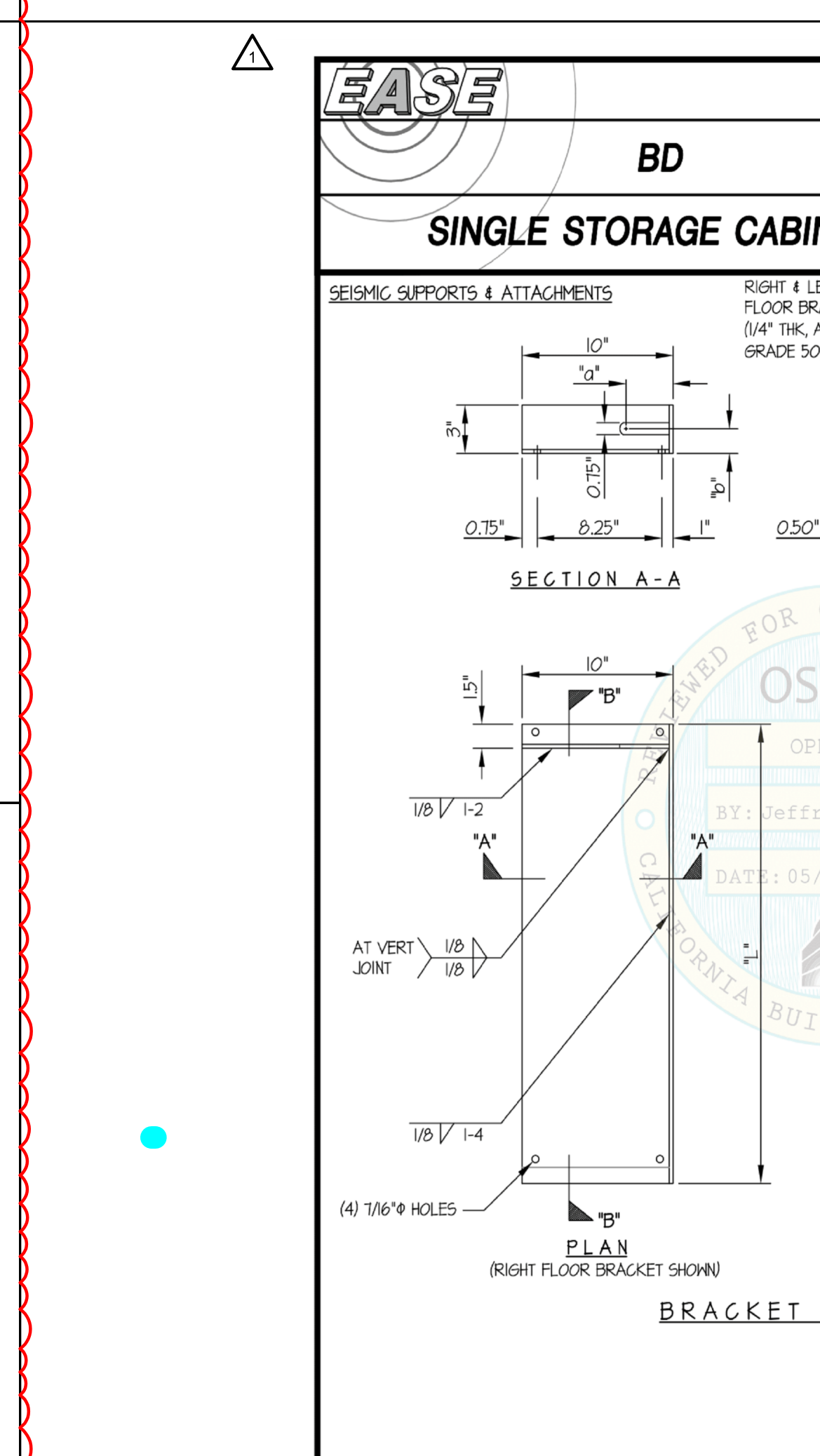
18 BASE/TALL CABINET ANCHOR
SCALE: 3" = 1'-0"



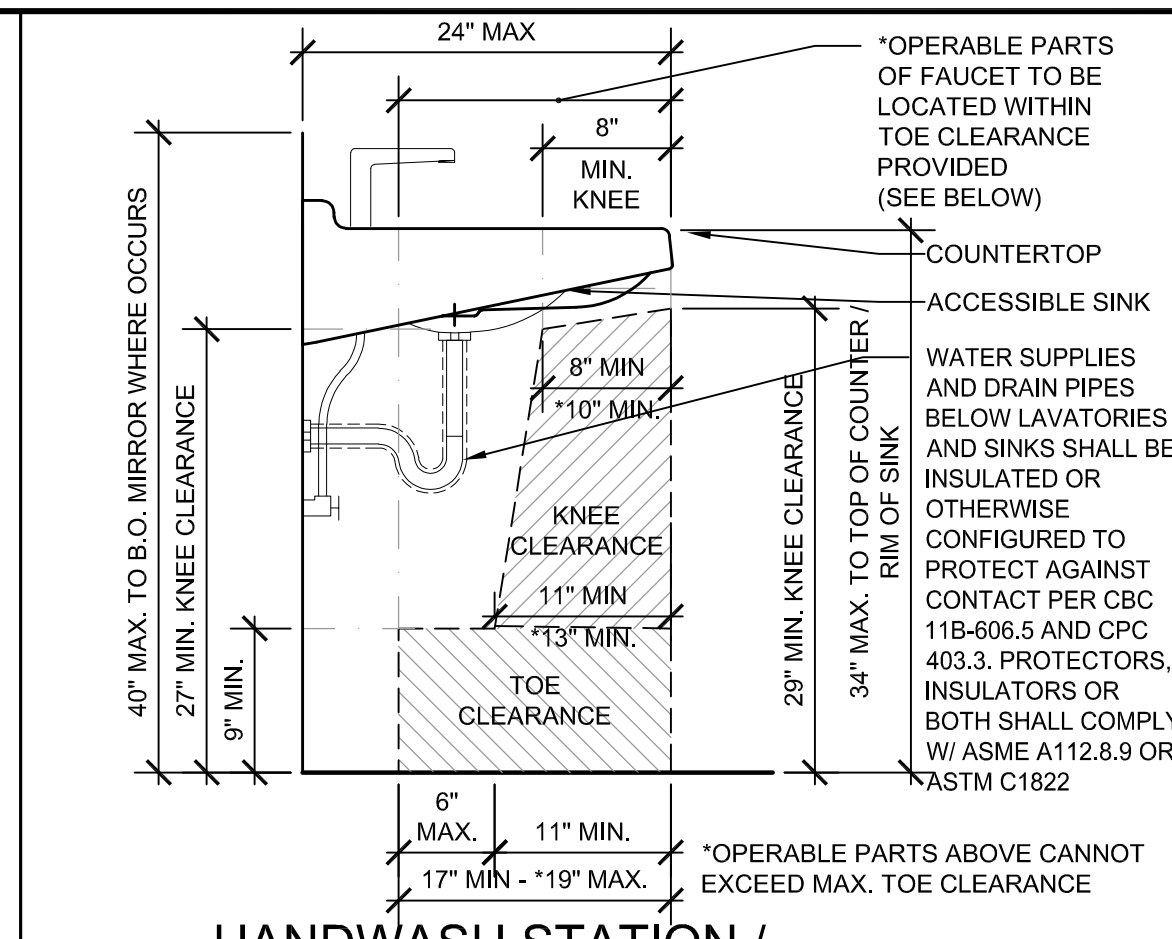
20 BENCH W/ DRAWER
SCALE: 1" = 1'-0"



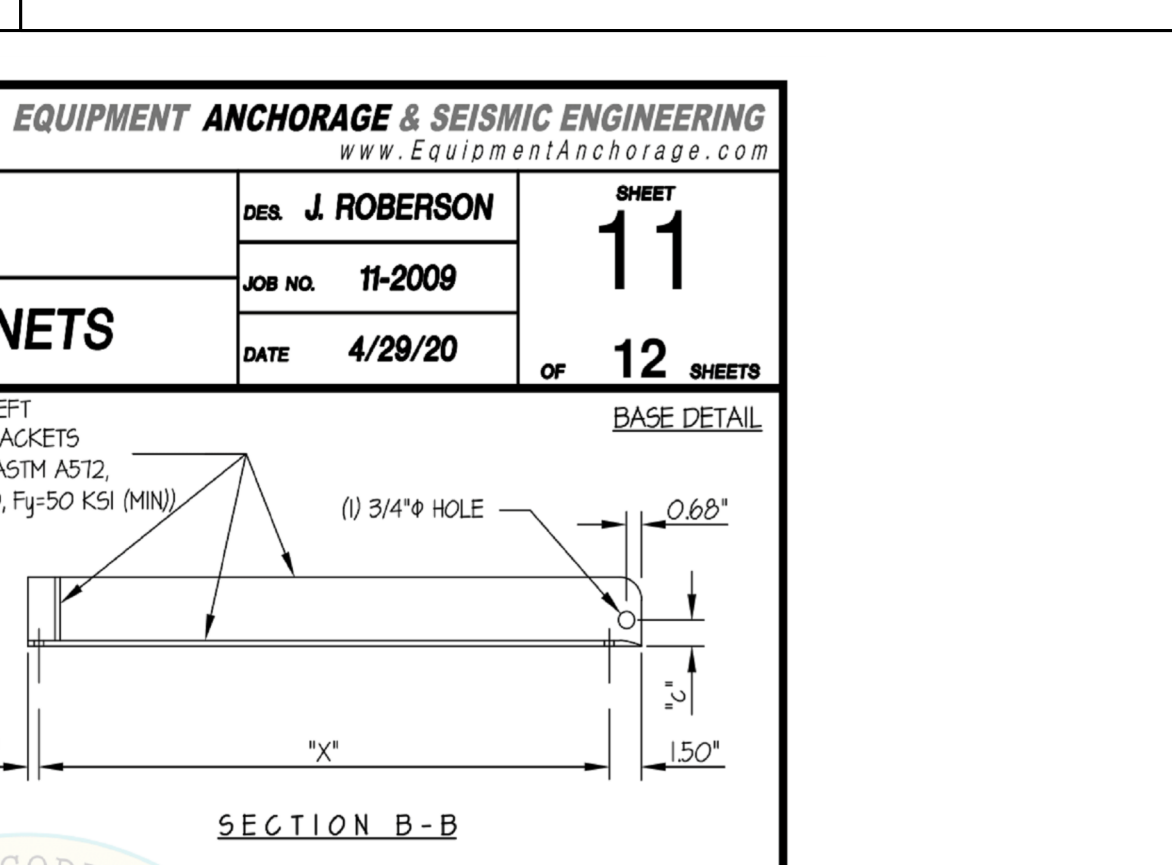
7 HANDWASH STATION / LAVATORY KNEE CLEARANCE
SCALE: 1" = 1'-0"



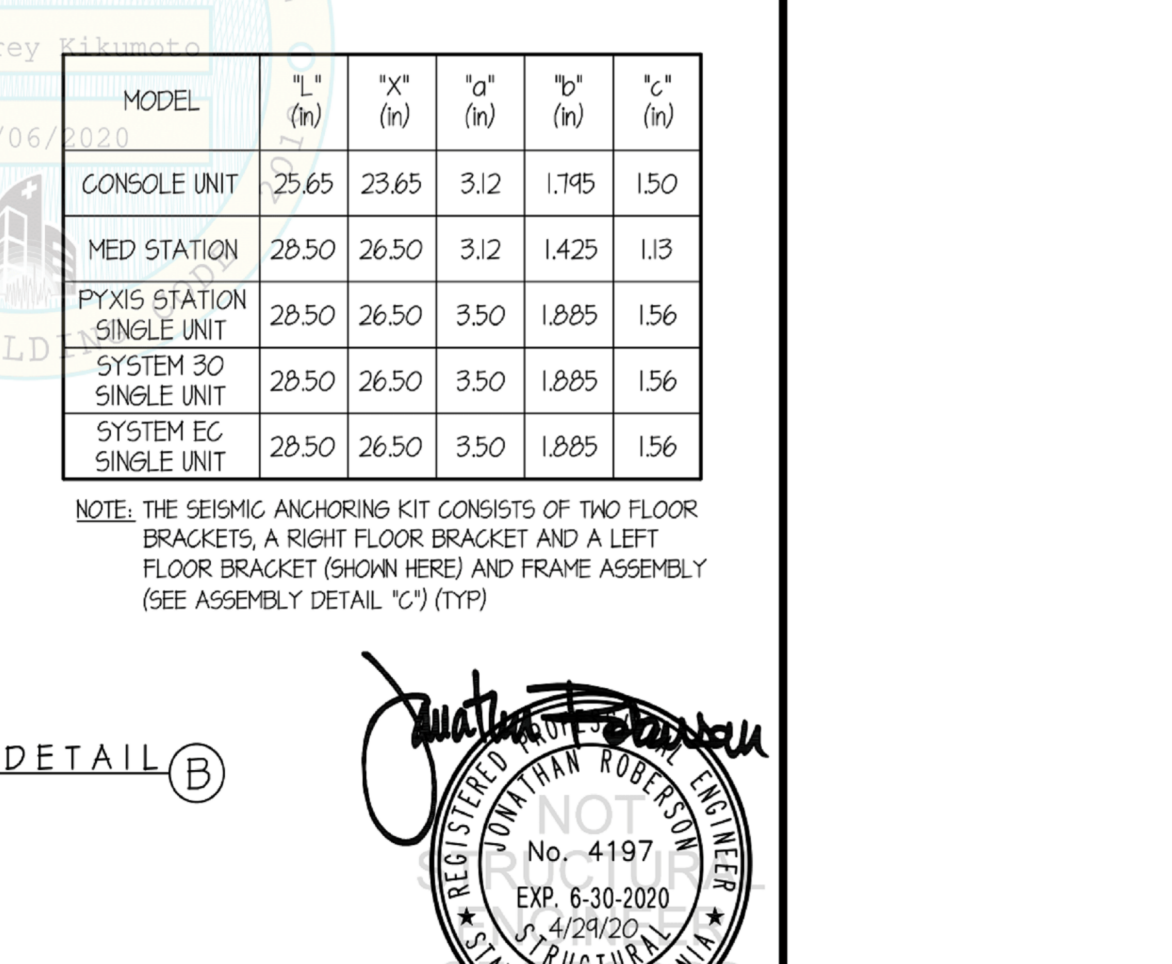
14 MED STATION DETAIL
SCALE: 1" = 1'-0"



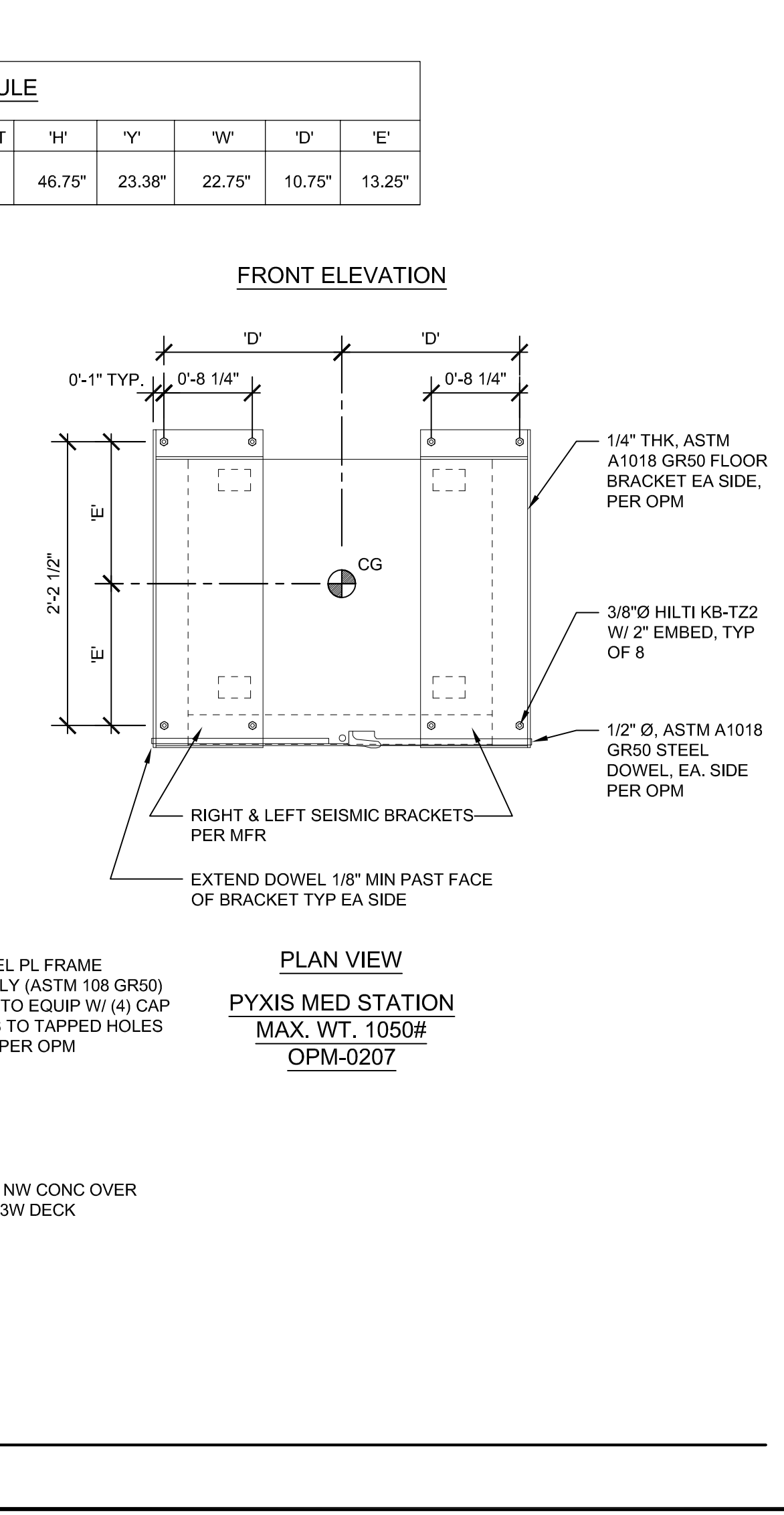
1 GRAB BAR MOUNTING
SCALE: 3" = 1'-0"



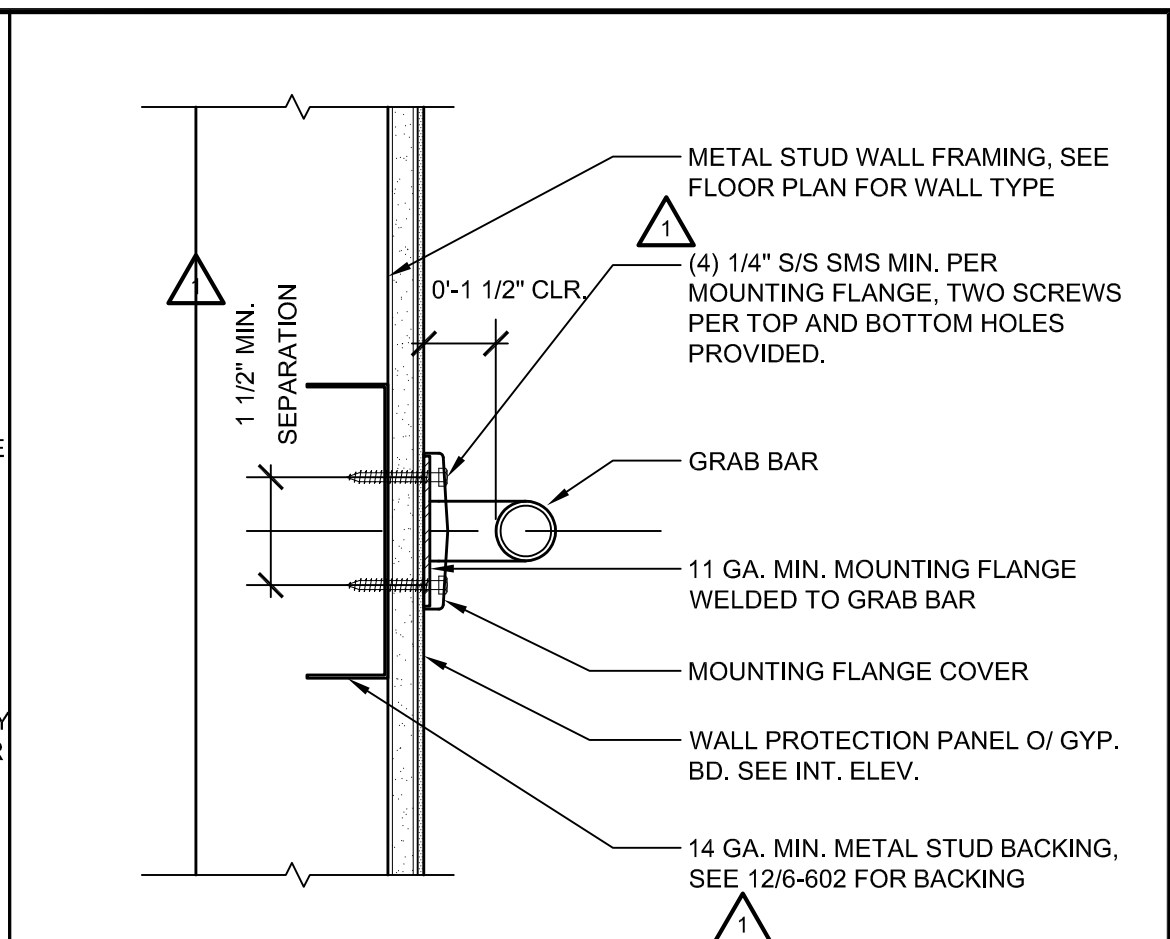
2 FIRE EXTINGUISHER CABINET SECTION
SCALE: 1 1/2" = 1'-0"



3 MEDICAL ZONE VALVE BOX
SCALE: 3" = 1'-0"



4 ELEC. OUTLETS @ PARTITIONS
SCALE: N.T.S.



5 ELEC. OUTLETS @ LEAD-LINED PARTITIONS
SCALE: N.T.S.

DEPARTMENT OF HEALTHCARE ACCESS AND INFORMATION

nacht&lewis
600 Q Street, Suite 100
Sacramento, CA 95811
www.nachtlewis.com
916.329.4000

DESIGN PROFESSIONALS OF RECORD:

UCDAVIS HEALTH
FACILITIES DESIGN & CONSTRUCTION
4800 2nd Avenue, Suite 3010
Sacramento, California 95817
(916) 724-7034

REV	REVISION DESCRIPTION	DATE
1	HCAI BACKCHECK 01	10/30/2024
2	ADDENDUM 1 (ACD-001)	10/14/2025

CONSULTANT LOGO:

REV	REVISION DESCRIPTION	DATE
1	HCAI BACKCHECK 01	10/30/2024
2	ADDENDUM 1 (ACD-001)	10/14/2025

CONSTRUCTION DOCUMENTS

PROJECT NO. 9557740
BLDG. S241219-34-00
FLOORING: BLD-02841 - SURGERY AND EMERGENCY SERVICES PAVILION
PROJECT TITLE: 1ST FLOOR
SHEET TITLE: SESP 1P742 1P745 CT SCANNER REPLACEMENT
INTERIOR & CASEWORK DETAILS

ARCH/ENGR	DATE	SCALE
E. TIEN	9557740	AS SHOWN

DESIGNED BY	DATE
NLA	-

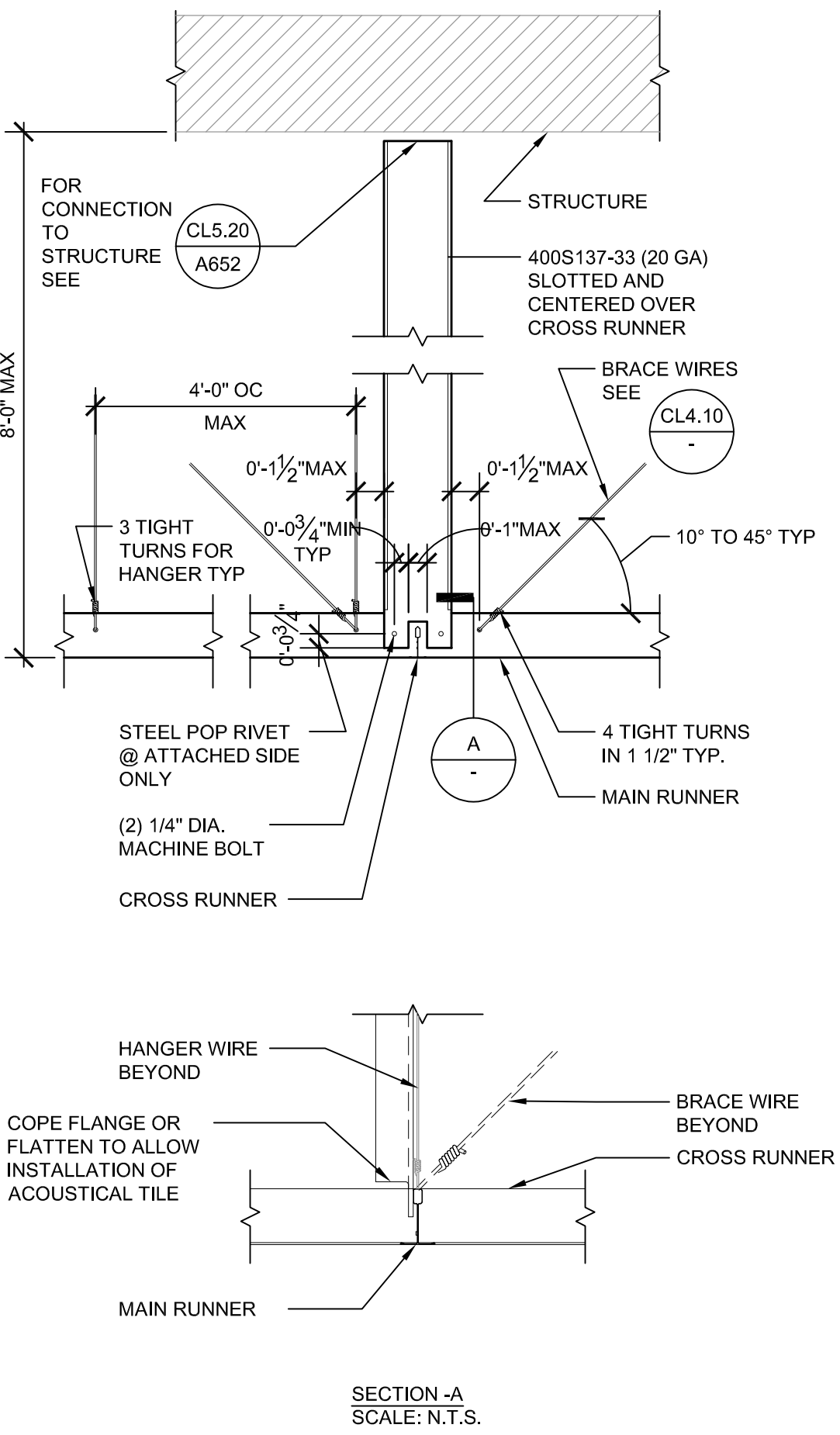
DRAWN BY	CAD FILE	SHEET	OF
NLA	-	A640	-

STRUCTURAL CONDITION OF FLOOR / ROOF ABOVE SUSPENDED CEILING	APPLICABLE HANGER WIRE DETAIL	APPLICABLE BRACING WIRE DETAIL
CONCRETE SLAB	CL4.22	CL4.32
STRUCTURAL STEEL	CL4.23/A652	CL4.33/A652
METAL STUD WALL	CL4.25	CL4.35/A652

HANGER AND BRACING WIRE CONNECTION MATRIX

SCALE: N.T.S.

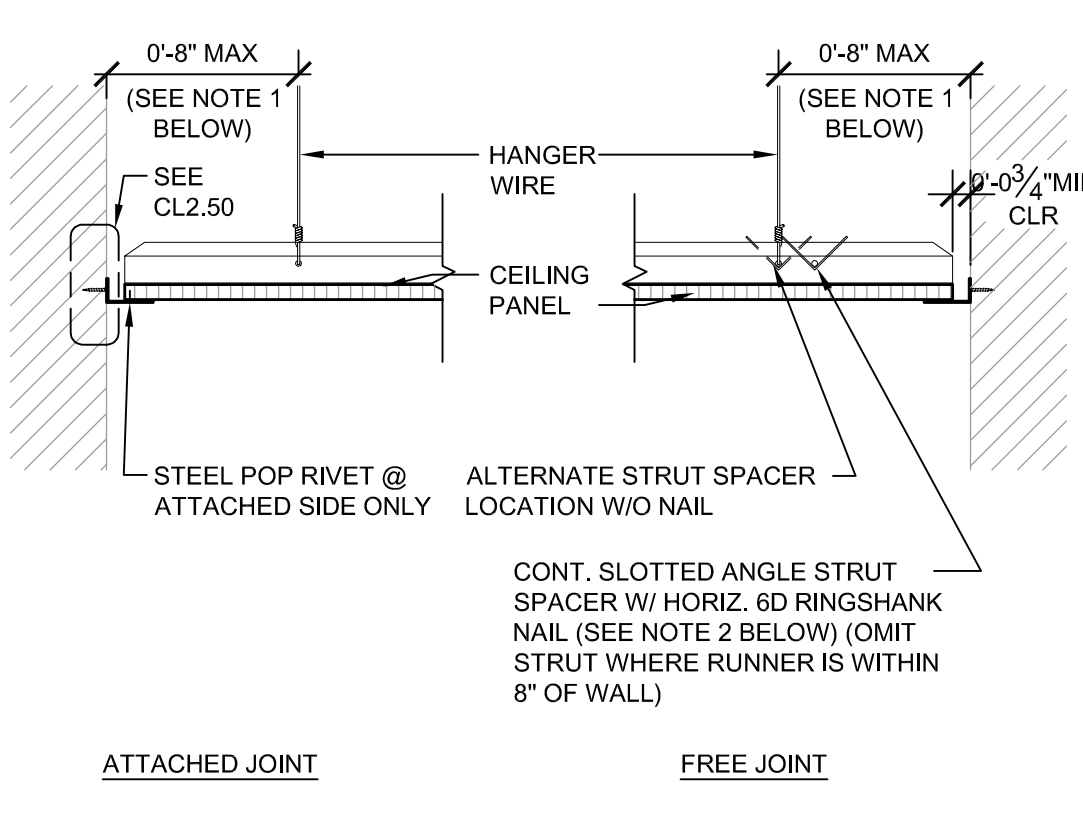
OPD-0002-13



SUSPENDED ACOUSTICAL CEILING - CHANNEL TYPE STRUT.

SCALE: 1-1/2" = 1'-0"

OPD-0002-13



- PROVIDE #12 GAGE HANGER WIRES AT THE ENDS OF ALL MAIN AND CROSS RUNNERS WITHIN EIGHT (8) INCHES OF THE SUPPORT OR WITHIN ONE-FOURTH (1/4) OF THE LENGTH OF THE END TEE, WHICHEVER IS LESS, FOR THE PERIMETER OF THE CEILING AREA. PERIMETER WIRES ARE NOT REQUIRED WHEN THE LENGTH OF THE END TEE IS EIGHT (8) INCHES OR LESS.
- NAILS AT ENDS OF HORIZONTAL STRUTS ARE TO BE PLACED WITH NAIL HEAD TOWARD CENTER LINE OF SPAN OF STRUT.
- SPACERS MAY BE SLOTTED APPROVED ANGLES OR CHANNELS WITH "DIAMOND POINTS" OF SPRING STEEL WHICH SNAP TIGHT TO PREVENT MOVEMENT OF STRUT.
- STEEL POP RIVETS SHALL HAVE MINIMUM ALLOWABLE SHEAR STRENGTH OF 120# AND ULTIMATE SHEAR STRENGTH OF 300#.

CEILING PERIMETER INCLUDING NON-EXITWAY CORRIDORS

SCALE: 1-1/2" = 1'-0"

OPD-0002-13

SHEET METAL SCREW (SMS) ALLOWABLE STRENGTHS (CONTINUED)

TABLE 3 - NON-PRYING CONDITION
SHEET METAL SCREW ALLOWABLE STRENGTHS FOR STEEL TO STEEL CONNECTIONS WITH TWO LAYERS OF 5/8" GYP BOARD BETWEEN STEEL SURFACES.

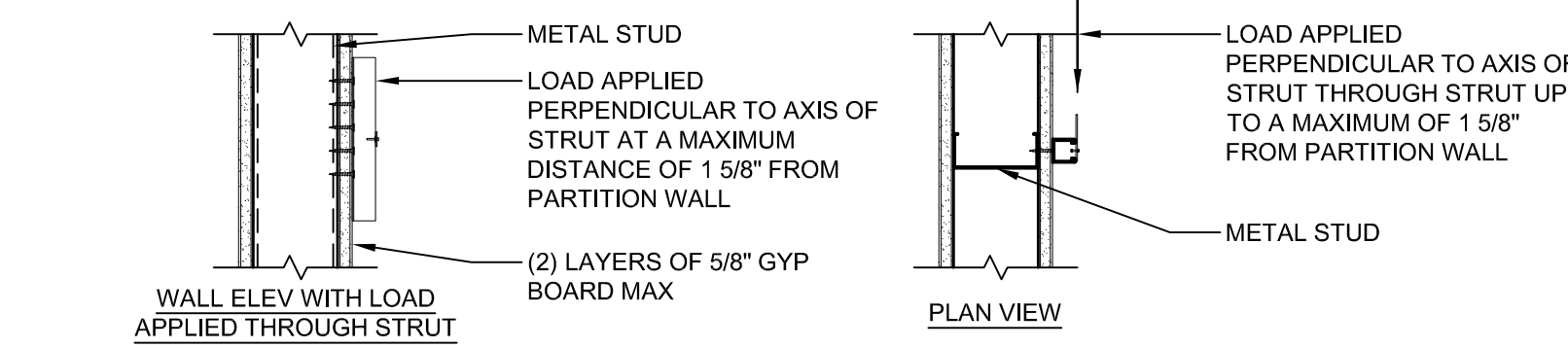
Fy (KSI)	MIL (STEEL GA)	FASTENER SIZE									
		NO. 14		NO. 12		NO. 10		NO. 8		NO. 6	
		0.250 IN	0.216 IN	0.216 IN	0.190 IN	0.190 IN	0.164 IN	0.164 IN	0.138 IN	0.138 IN	0.138 IN
50	97 (12)	166	275	130	205	-	-	-	-	-	-
	68 (14)	166	275	130	205	100	159	-	-	-	-
	54 (16)	166	261	130	205	100	159	80	118	-	-
	43 (18)	166	144	130	124	100	109	80	94	50	79
33	33 (20)	-	-	-	-	70	84	50	72	40	61

- NOTES:
- SEE GENERAL NOTES ON CL.1.30 FOR ADDITIONAL INFORMATION.
 - ALLOWABLE STRENGTH VALUES DO NOT ACCOUNT FOR EFFECTS FROM PRYING. THE RDP IN RESPONSIBLE CHARGE TO PROVIDE ADEQUATE BLOCKING/RESTRAINT TO PREVENT PRYING ACTION. WHERE PRYING OCCURS, THE VALUES AND CONSTRAINTS OF TABLE 4 SHALL BE USED.

TABLE 4 - PRYING CONDITION (SEE DETAILS BELOW - STRUT CAN BE HORIZONTAL OR VERTICAL)
SHEET METAL SCREW ALLOWABLE STRENGTHS FOR STEEL TO STEEL CONNECTIONS WITH ONE OR TWO LAYERS OF 5/8" GRP BOARD BETWEEN STEEL SURFACES AND MAXIMUM PRYING MOMENT ARM OF 1 5/8"

Fy (KSI)	MIL (STEEL GA)	FASTENER SIZE									
		NO. 14		NO. 12		NO. 10		NO. 8		NO. 6	
		0.250 IN	0.216 IN	0.216 IN	0.190 IN	0.190 IN	0.164 IN	0.164 IN	0.138 IN	0.138 IN	0.138 IN
50	97 (12)	40	275	30	205	-	-	-	-	-	-
	68 (14)	40	275	30	205	25	159	-	-	-	-
	54 (16)	40	261	30	205	25	159	20	118	-	-
	43 (18)	40	144	30	124	25	109	20	94	10	79
33	33 (20)	-	-	-	-	15	84	15	72	10	61

- NOTES:
- SEE GENERAL NOTES ON CL.1.30 FOR ADDITIONAL INFORMATION.
 - ALLOWABLE STRENGTH VALUES LISTED IN TABLE 4 ARE BASED UPON A LIMITED TEST ASSEMBLY WHERE THE ORIGIN AND DIRECTION OF THE LOAD RESULTS IN PRYING UPON THE FASTENER. THE MAGNITUDE OF THIS PRYING EFFECT SHALL BE LIMITED TO A MOMENT ARM OF 1 5/8" FROM THE FASTENER.



SHEET METAL SCREWS ALLOWABLE STRENGTHS (2 OF 2)

SCALE: N.T.S.

OPD-0002-13

SHEET METAL SCREW (SMS) ALLOWABLE STRENGTHS

TABLE 1
SHEET METAL SCREW ALLOWABLE STRENGTHS FOR STEEL TO STEEL CONNECTIONS.

Fy (KSI)	MIL (STEEL GA)	FASTENER SIZE									
		NO. 14		NO. 12		NO. 10		NO. 8		NO. 6	
		0.250 IN	0.216 IN	0.216 IN	0.190 IN	0.190 IN	0.164 IN	0.164 IN	0.138 IN	0.138 IN	0.138 IN
50	97 (12)	704	275	525	205	-	-	-	-	-	-
	68 (14)	704	275	525	205	405	159	-	-	-	-
	54 (16)	613	261	525	205	405	159	303	118	-	-
	43 (18)	302	144	280	124	263	109	244	94	165	79
33	33 (20)	-	-	-	-	177	84	164	72	151	61

- NOTES:
- SEE GENERAL NOTES ON CL.1.30 FOR ADDITIONAL INFORMATION.
 - WHERE ONE OR TWO LAYERS OF GYP BOARD OCCURS BETWEEN STEEL SURFACES, THE ALLOWABLE VALUES OF TABLE 2 & 3 SHALL BE USED.
 - ALLOWABLE STRENGTH VALUES DO NOT ACCOUNT FOR EFFECTS FROM PRYING. THE RDP IN RESPONSIBLE CHARGE OF THE PROJECT SHALL PROVIDE ADEQUATE BLOCKING/RESTRAINT TO PREVENT PRYING ACTION. WHERE PRYING OCCURS, THE VALUES AND CONSTRAINTS OF TABLE 4 SHALL BE USED.

TABLE 2 - NON-PRYING CONDITION
SHEET METAL SCREW ALLOWABLE STRENGTHS FOR STEEL TO STEEL CONNECTIONS.

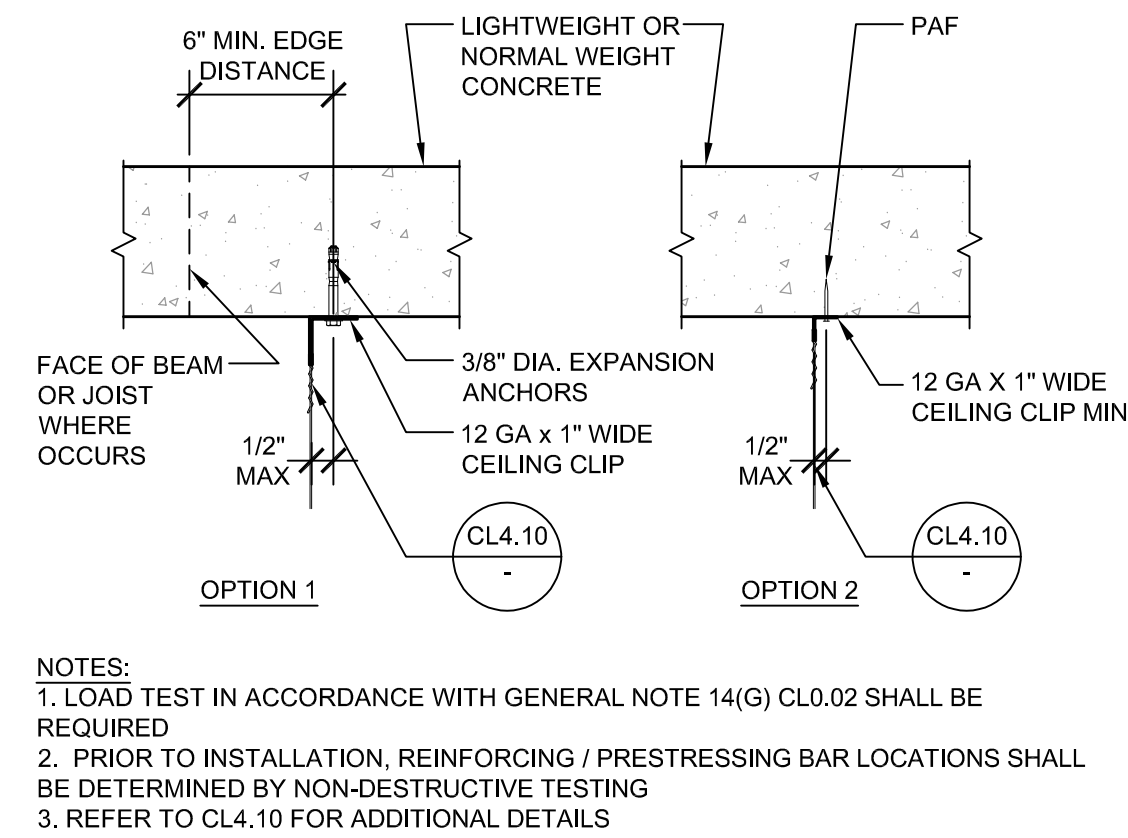
Fy (KSI)	MIL (STEEL GA)	FASTENER SIZE									
		NO. 14		NO. 12		NO. 10		NO. 8		NO. 6	
		0.250 IN	0.216 IN	0.216 IN	0.190 IN	0.190 IN	0.164 IN	0.164 IN	0.138 IN	0.138 IN	0.138 IN
50	97 (12)	226	275	180	205	-	-	-	-	-	-
	68 (14)	226	275	180	205	140	159	-	-	-	-
	54 (16)	226	261	180	205	140	159	120	118	-	-
	43 (18)	226	144	180	124	140	109	120	94	60	79
33	33 (20)	-	-	-	-	100	84	80	72	60	61

- NOTES:
- SEE GENERAL NOTES ON CL.1.30 FOR ADDITIONAL INFORMATION.
 - ALLOWABLE STRENGTH VALUES DO NOT ACCOUNT FOR EFFECTS FROM PRYING. THE RDP IN RESPONSIBLE CHARGE OF THE PROJECT SHALL PROVIDE ADEQUATE BLOCKING/RESTRAINT TO PREVENT PRYING ACTION. WHERE PRYING OCCURS, THE VALUES AND CONSTRAINTS OF TABLE 4 SHALL BE USED.

SHEET METAL SCREWS ALLOWABLE STRENGTHS (1 OF 2)

SCALE: N.T.S.

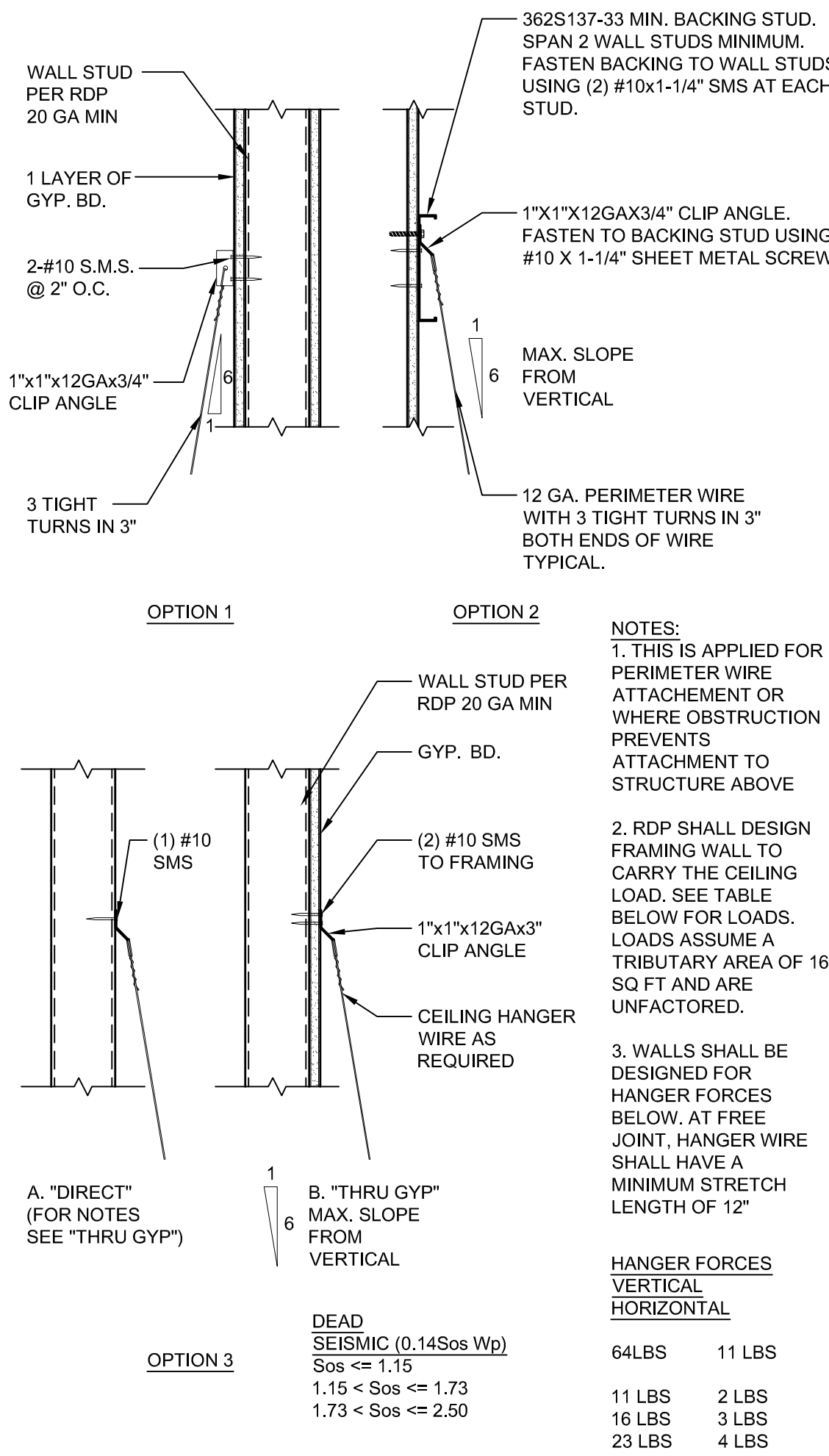
OPD-0002-13



HANGER WIRE CONNECTION TO CONC. SLAB, BEAM, OR JOIST

SCALE: 1-1/2" = 1'-0"

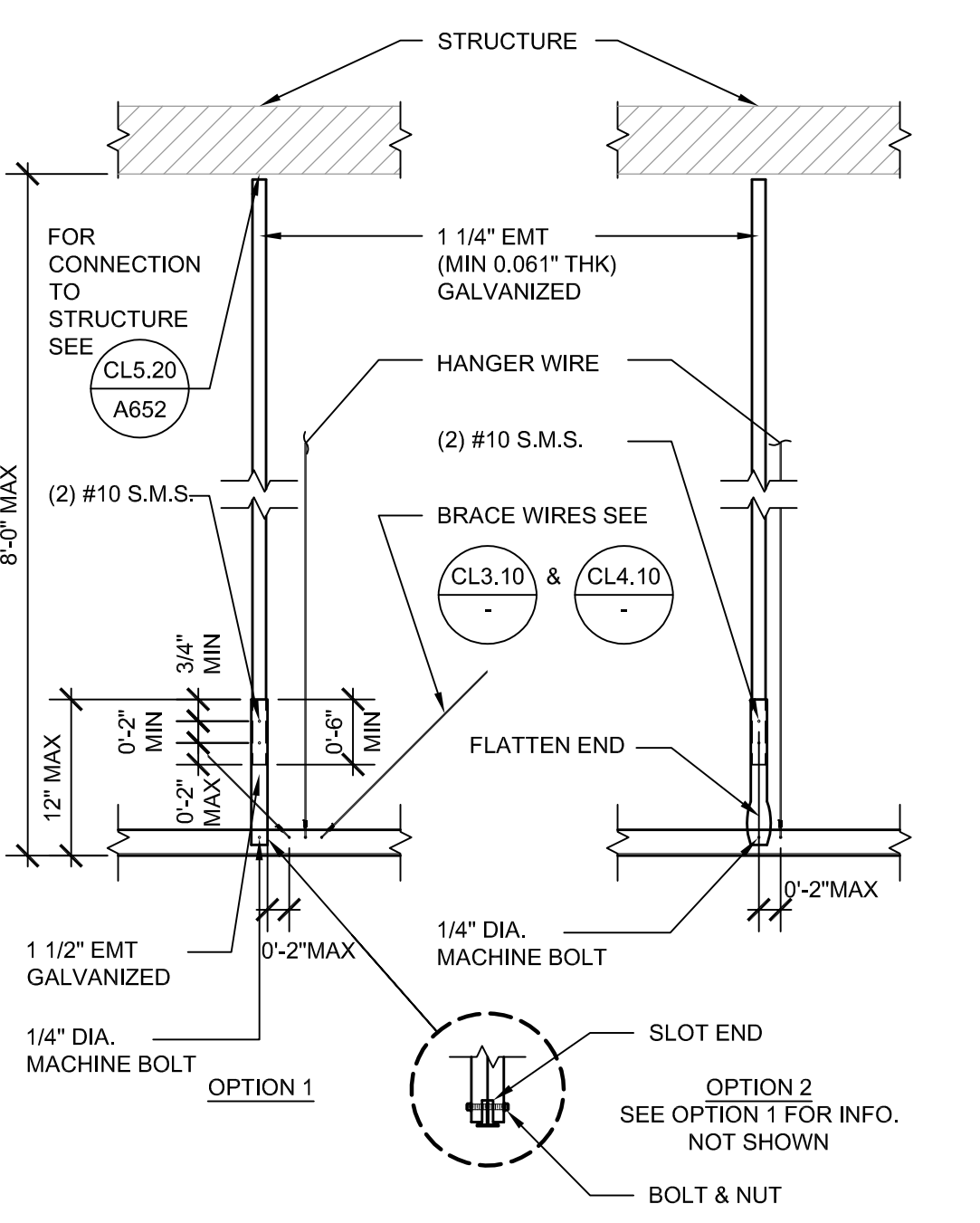
OPD-0002-13



HANGER WIRE CONNECTION TO MTL. STUD WALL

SCALE: 1-1/2" = 1'-0"

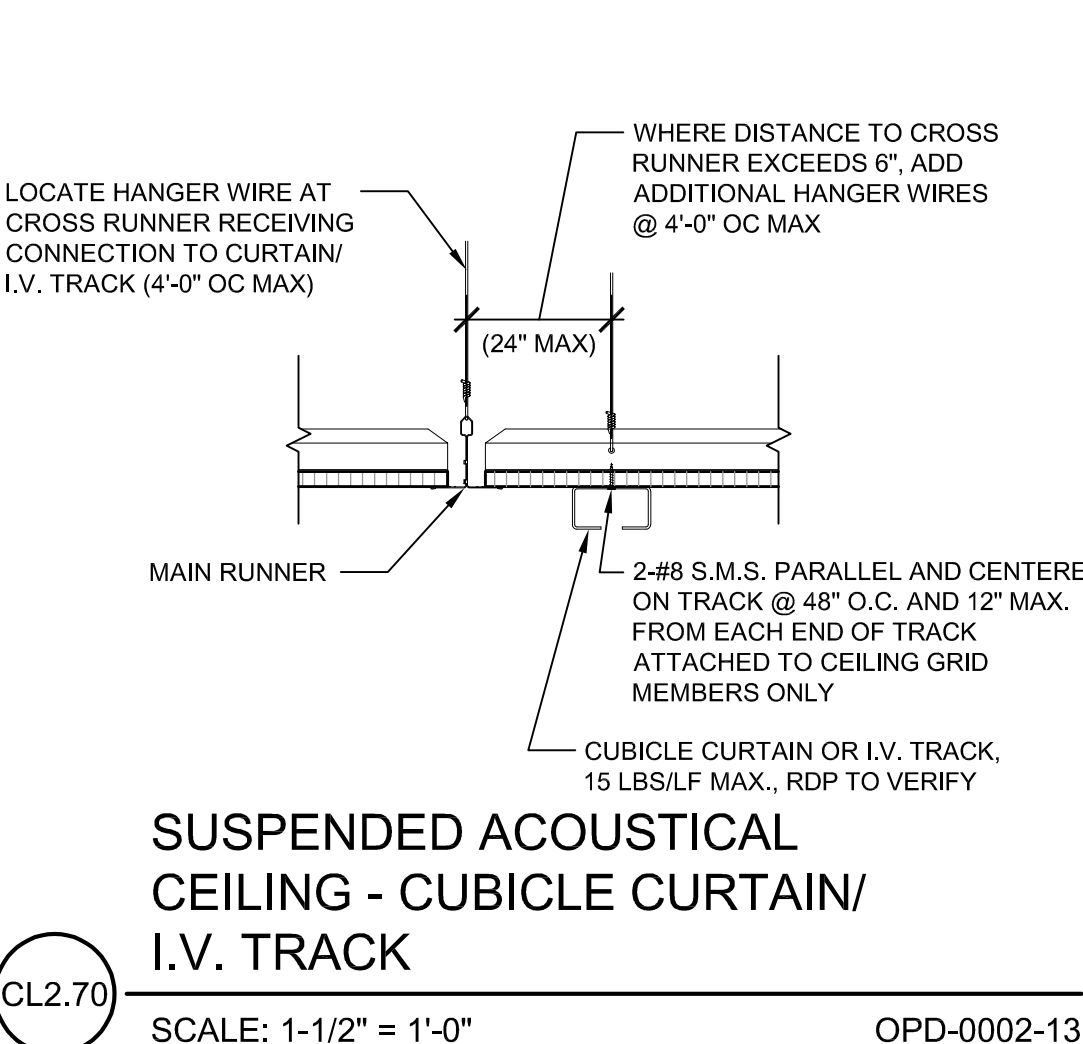
OPD-0002-13



SUSPENDED ACOUSTICAL CEILING - TUBE TYPE STRUT

SCALE: 3/4" = 1'-0"

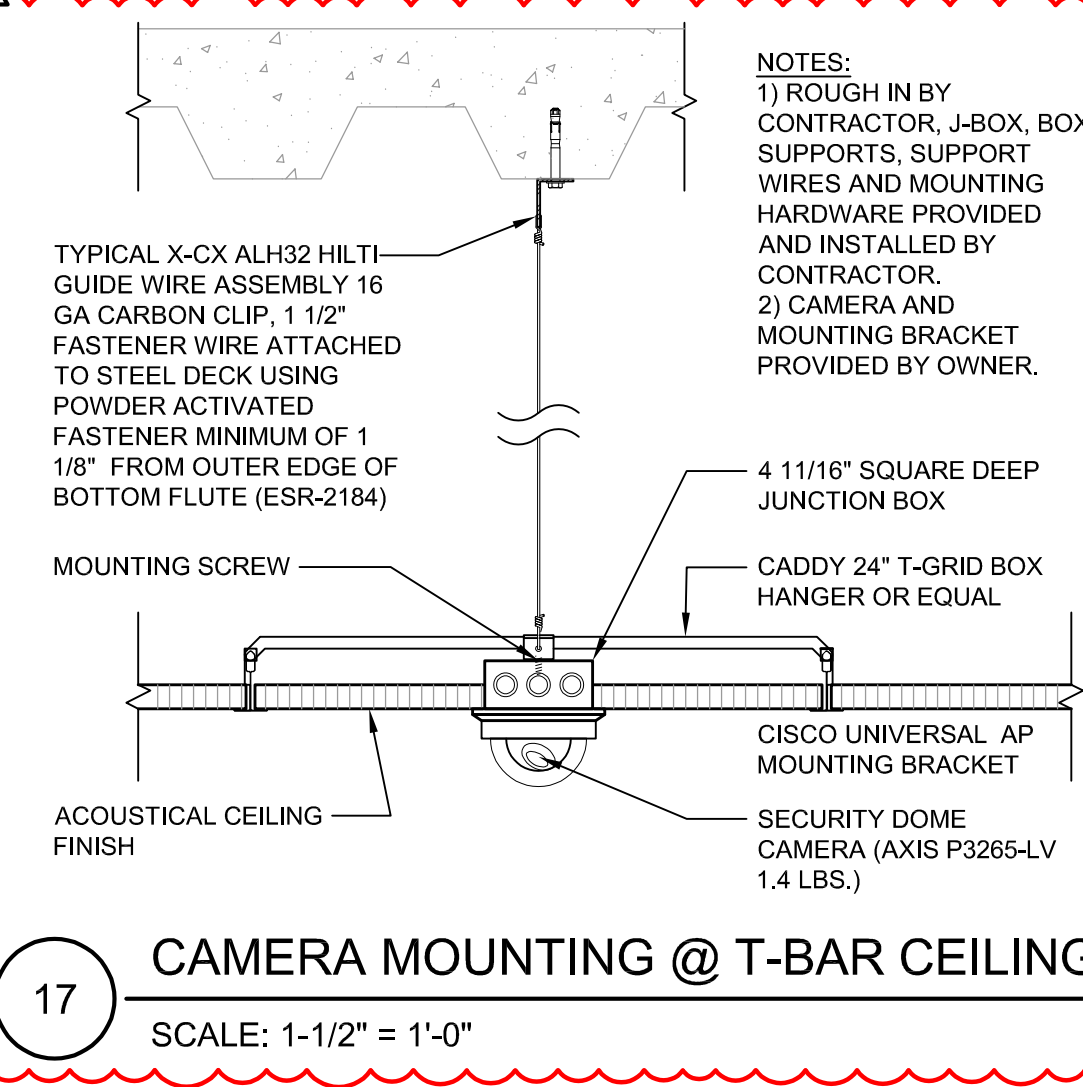
OPD-0002-13



SUSPENDED ACOUSTICAL CEILING - CUBICLE CURTAIN/ I.V. TRACK

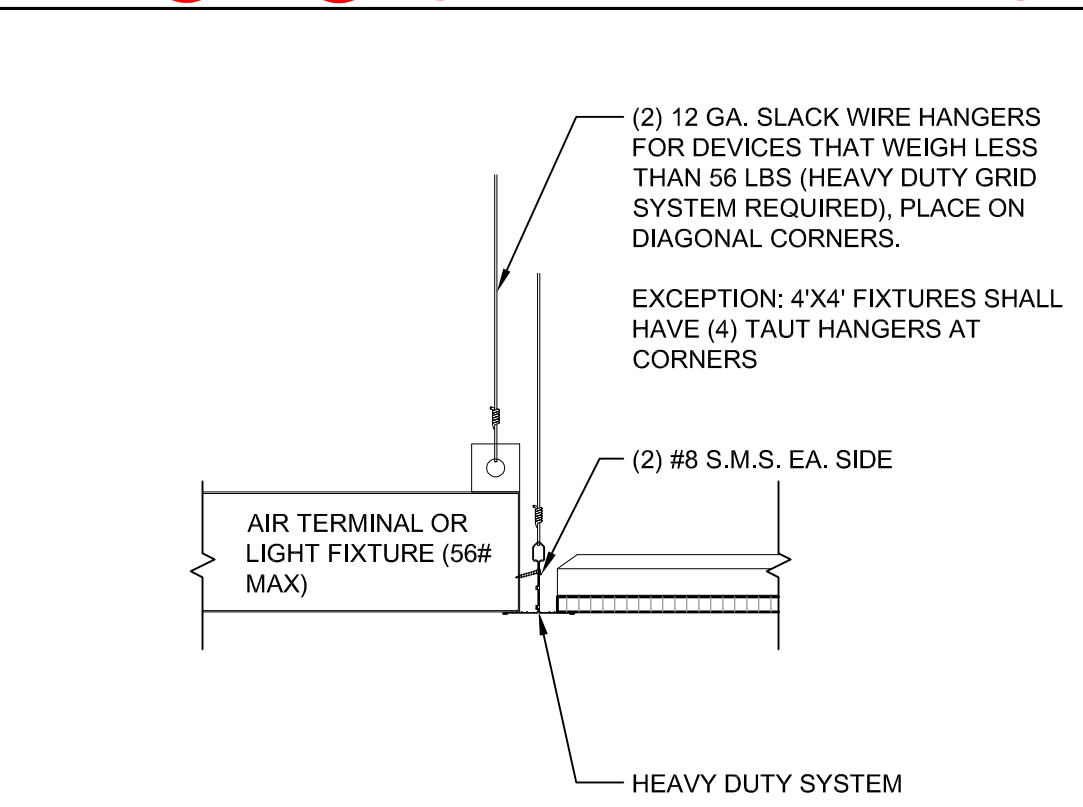
SCALE: 1-1/2" = 1'-0"

OPD-0002-13



CAMERA MOUNTING @ T-BAR CEILING

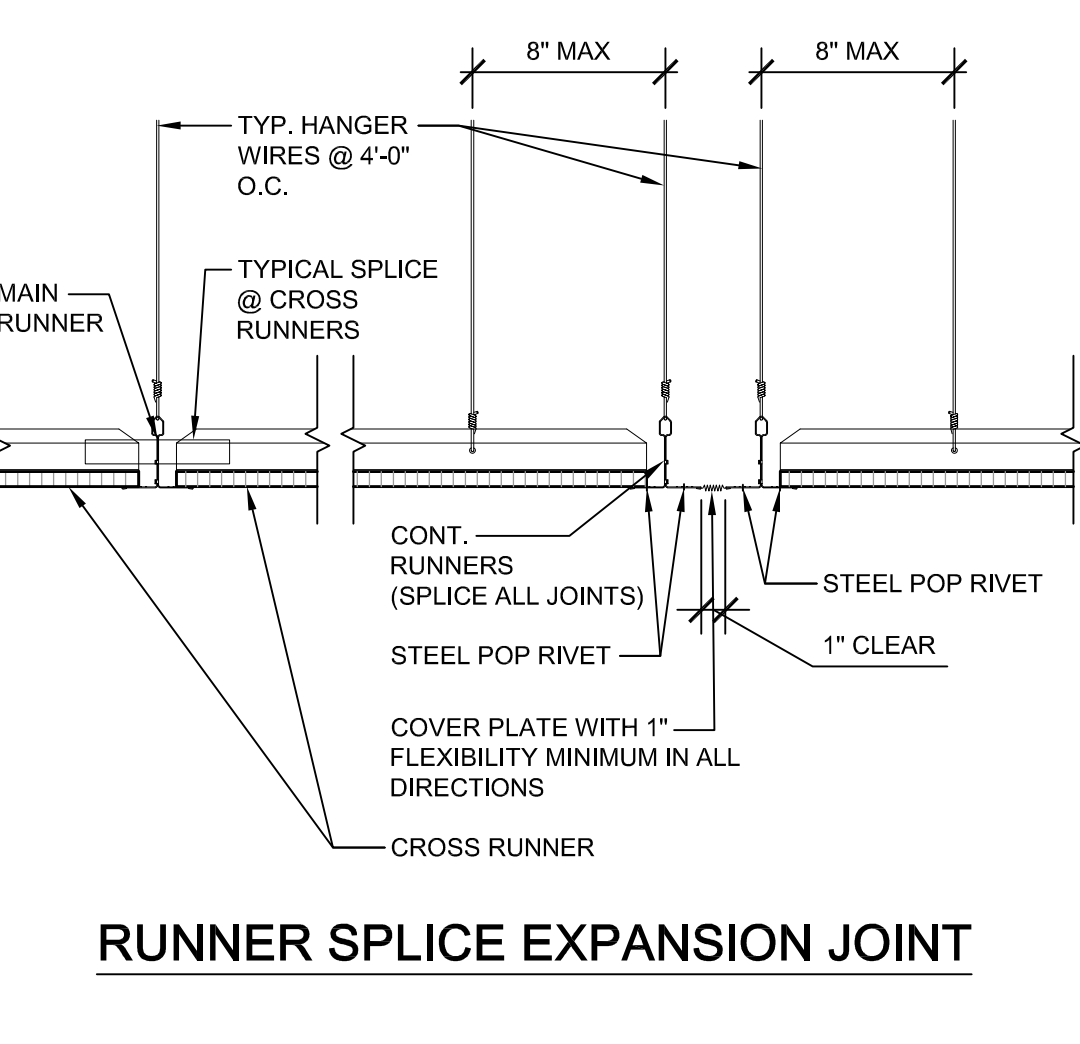
SCALE: 1-1/2" = 1'-0"



SUSPENDED ACOUSTICAL CEILING - LIGHT FIXTURES/ AIR TERMINAL SUPPORT

SCALE: 1-1/2" = 1'-0"

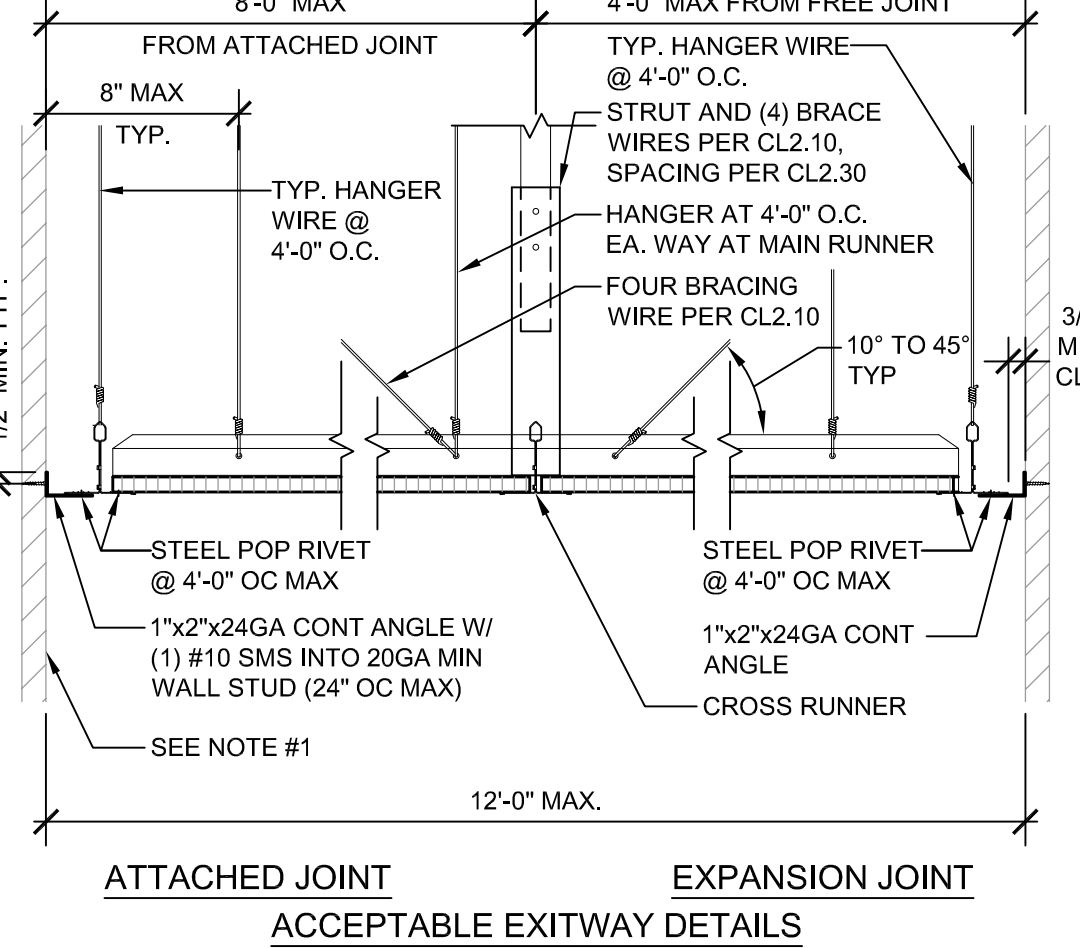
OPD-0002-13



SUSPENDED ACOUSTICAL CEILING - EXPANSION JOINT AT INTERSECTIONS

SCALE: N.T.S.

OPD-0002-13

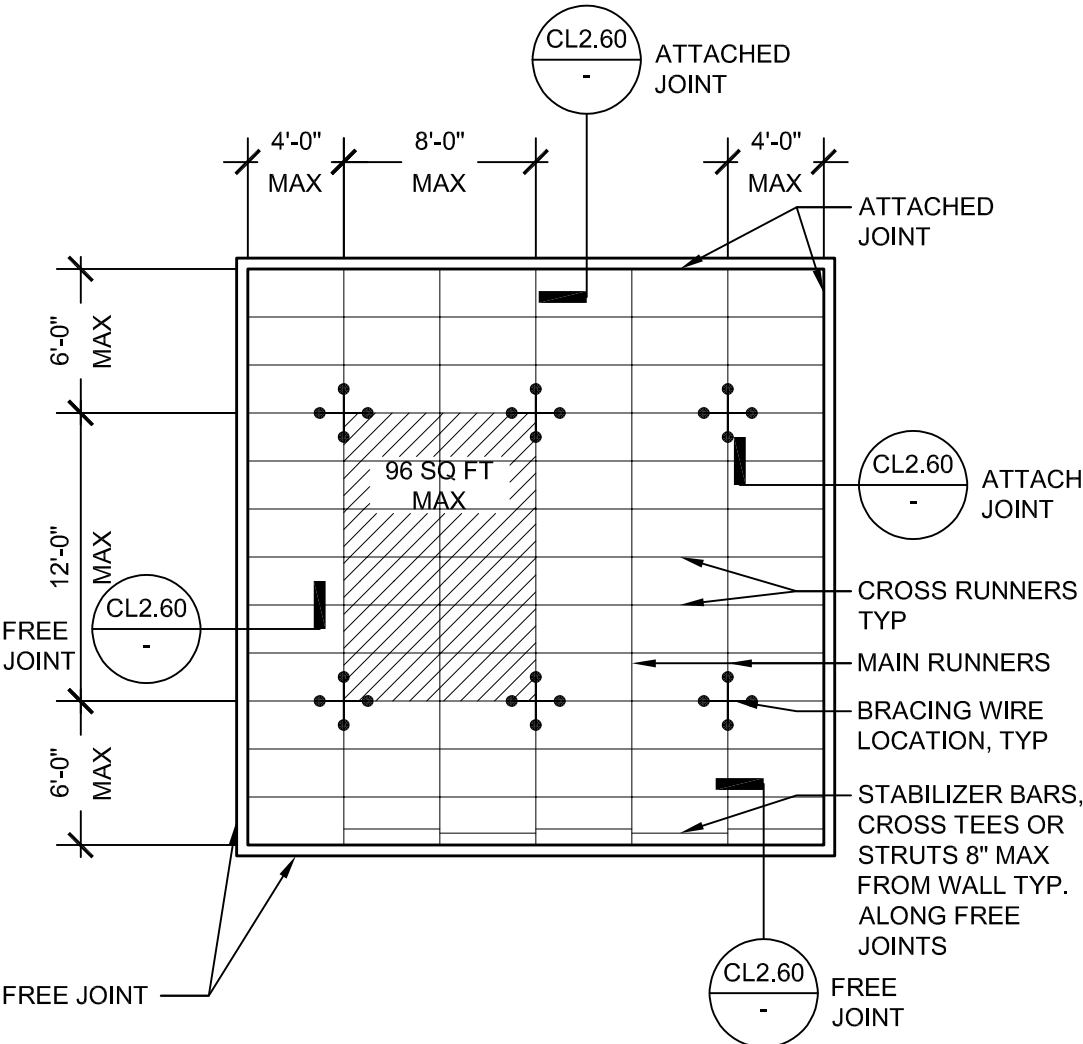


- NOTES:
- PERIMETER WALLS SHALL BE DESIGNED TO CARRY TRIBUTARY LATERAL FORCES PER TABLE BELOW. RDP TO VERIFY. RDP TO SPECIFY CONNECTION OF BACKING TO STUDS
 - SEISMIC BRACING WIRES AND STRUTS IN ACCORDANCE WITH PAGES CL2.20, CL2.21, AND CL2.22 SHALL BE PERMITTED IN LIEU OF DESIGNING PERIMETER WALLS FOR SEISMIC FORCES AND BRACING SYSTEM SHOWN ON PAGE CL2.30 AND THIS PAGE.
 - STEEL POP RIVET SHALL HAVE MINIMUM ALLOWABLE SHEAR STRENGTH OF 120# AND ULTIMATE SHEAR STRENGTH OF 300#.

TYP. CEILING SECTION AT EXITWAY CORRIDORS

SCALE: N.T.S.

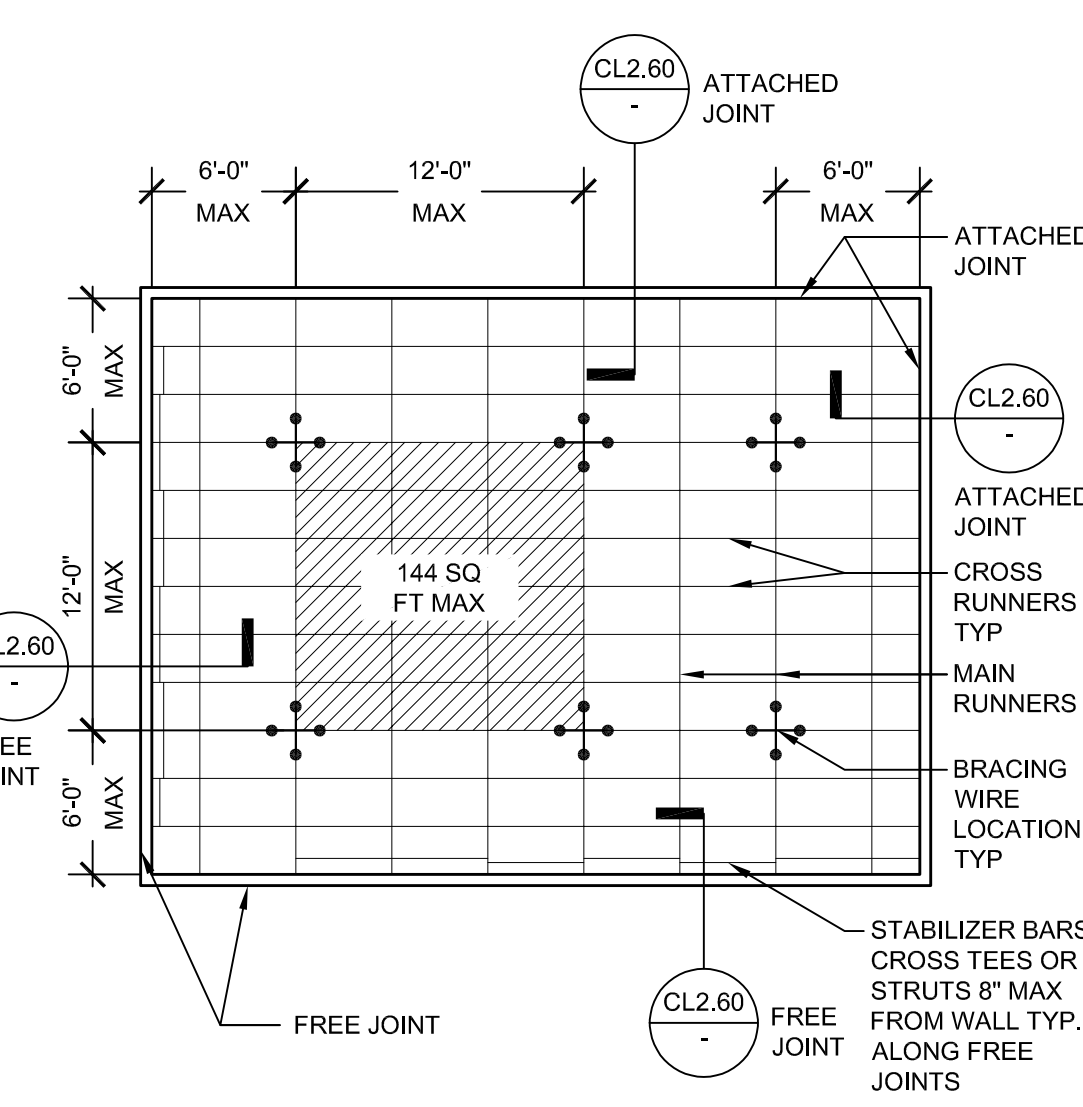
OPD-0002-13



TYP. CEILING PLANS FOR 1.15<SDS<1.73 AND z/h<=1.0

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

OPD-0002-13



- NOTES:
- BRACING WIRES AND COMP. STRUT SHALL OCCUR AT EVERY 64 SQ. FT. MAX. IN ROOMS OVER 144 SQ. FT.
 - RDP MAY ELECT TO SPECIFY TIGHTER SPACING BETWEEN BRACING WIRES AND COMP. STRUTS TO ALLOW SMALLER ANCHORS PER SCHEDULES ON SHEETS CL4.31 & CL6.60/A652.

TYP. CEILING PLANS FOR SDS <= 1.15 AND z/h <= 1.0

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

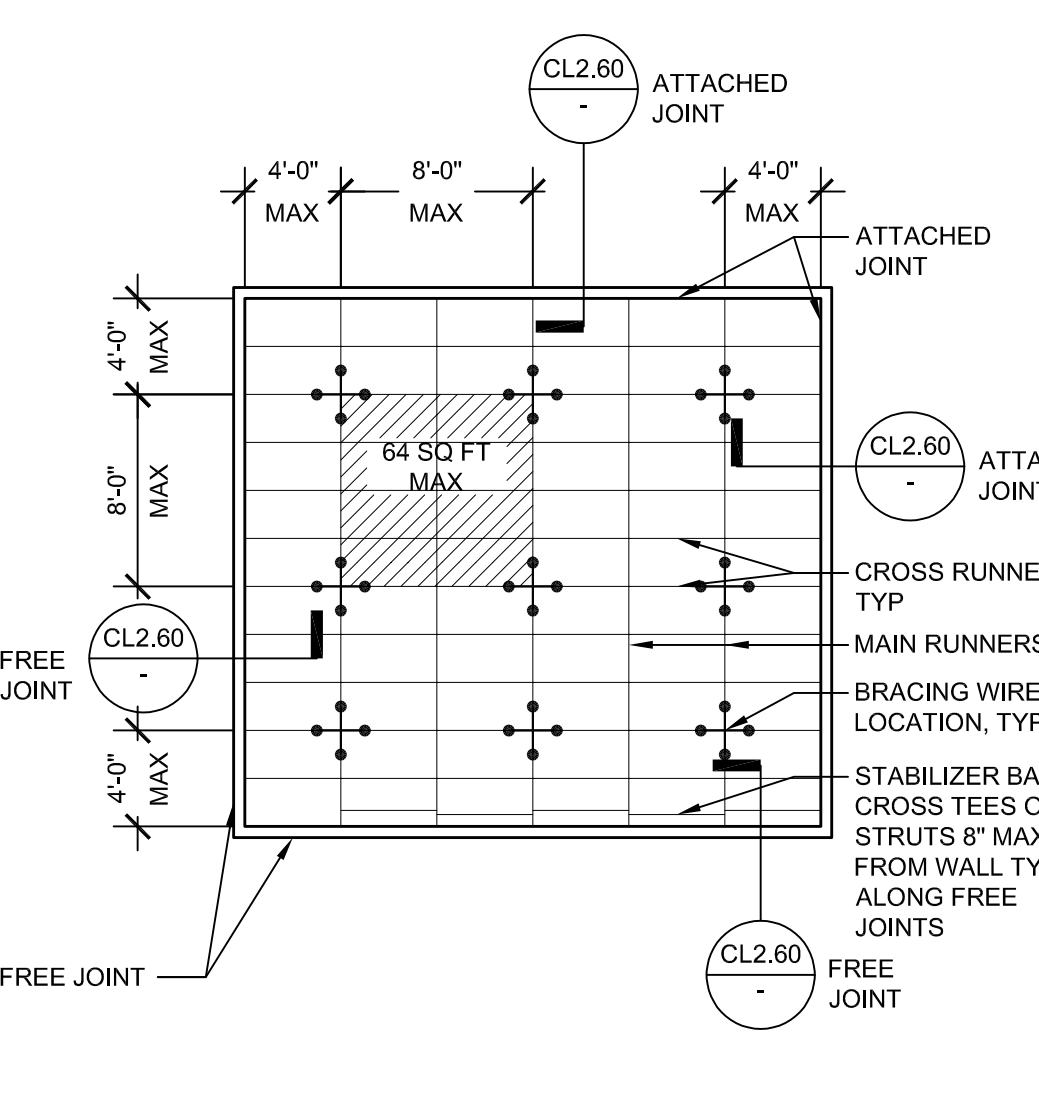
OPD-0002-13

- SHEET METAL SCREW (SMS) GENERAL NOTES
- THE ALLOWABLE STRENGTHS ARE BASED UPON THE AISI S100-16 AND ARE LIMITED BY ACTUAL TESTED STRENGTH OF THE SCREWS IN TENSION AND SHEAR.
 - THE ALLOWABLE STRENGTHS ARE BASED UPON THE AVERAGE TESTED TENSILE AND SHEAR STRENGTHS TAKEN FROM AISI S100-16, 100-170, 100-180, AND THE STEEL STUD MANUFACTURERS ASSOCIATION (SSMA). FASTENER TYPES AND SIZES APPLY TO NON PROPRIETARY FASTENER TYPES AND SIZES, AND DOES NOT ENDORSE A SPECIFIC MANUFACTURER. WHERE PROPRIETARY FASTENERS ARE SPECIFIED, NO EXCEPTIONS ARE TAKEN TO THE USE OF MANUFACTURER SPECIFIC VALUES THAT ARE BASED UPON THE AISI S100-16 SECTION 4.1. ALL SCREW FASTENERS SHALL SATISFY AISC A308 ACCEPTANCE CRITERIA FOR SELF TAPPING SCREW FASTENERS.
 - TABLE 1 REPRESENTS ALLOWABLE TENSION AND SHEAR STRENGTHS FOR NON-PROPRIETARY SHEET METAL SCREWS FOR STEEL TO STEEL CONNECTIONS.
 - TABLES 2 AND 3 REPRESENT ALLOWABLE TENSION AND SHEAR STRENGTHS THAT INCORPORATE THE EFFECTS OF EITHER ONE (1) OR TWO (2) LAYERS OF 5/8" GYPSUM BOARD BETWEEN FASTENER HEAD AND CONNECTING STEEL MATERIAL.
 - IN ORDER TO USE THE VALUES IN TABLES 1, 2, AND 3, THE ATTACHMENTS SHALL BE DETAILED IN SUCH A WAY AS TO AVOID PRYING AND THE STUDS MUST BE STABILIZED WITH FULL-DEPTH BLOCKING WITH CONTINUOUS STRIPS ALONG THE FLANGES OR WITH BRACING BARS.
 - PENETRATION OF SCREWS THROUGH JOINED MATERIAL SHOULD NOT BE LESS THAN THREE (3) EXPOSED THREADS.
 - STEEL THICKNESSES JOINED ARE ASSUMED TO BE THE SAME. IF DISSIMILAR THICKNESSES ARE BEING CONNECTED, THE VALUE FOR THE THINNER PART JOINED SHALL BE USED.
 - THE MINIMUM SPACING BETWEEN CENTERS OF FASTENERS SHALL NOT BE LESS THAN 3 X FASTENER DIAMETER. THE MINIMUM EDGE DISTANCE FROM THE CENTER OF A FASTENER TO THE EDGE OF ANY PART SHALL NOT BE LESS THAN 1.5 X FASTENER DIAMETER. WHERE THE END DISTANCE IS PARALLEL TO THE FORCE ON THE FASTENER, THE NOMINAL SHEAR STRENGTH SHALL BE LIMITED BY SECTION E4.3.2 OF THE AISI S100-16.
 - GALVANIZED METAL STUDS, TRACK AND SHEET STEEL SHALL CONFORM TO ASTM A653/59A MATERIAL, OR OTHER EQUIVALENT ANTICORROSION TREATED MATERIAL PER THE AISI S100-16 SECTION A2.1.1 WITH A MINIMUM YIELD STRENGTH OF 33 KSI FOR 43 MIL (16 GA) AND LIGHTER, AND A MINIMUM YIELD STRENGTH OF 50 KSI FOR 50 MIL (16 GA) & HEAVIER.
 - WHERE VALUES ARE NOT GIVEN, SUCH COMBINATIONS OF SCREW SIZES & MATERIAL THICKNESS ARE NOT RECOMMENDED.
 - IF THE ATTACHMENT DETAILS RESULT IN PRYING WITH A MOMENT ARM NOT TO EXCEED 1 5/8", THE VALUES IN TABLE 4 MAY BE USED. IF THE ATTACHMENT DETAILS RESULT IN PRYING WITH A MOMENT ARM THAT EXCEEDS 1 5/8", THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE OF THE PROJECT SHALL DETERMINE THE ALLOWABLE VALUES AND SUBMIT SUBSTITUTION FOR THEM TO OSDP FOR REVIEW.
 - INTERACTION OF SHEAR AND TENSION SHALL BE BASED ON T/T + W/W <= 1.0.
 - REFER TO NOTE 6A ON CL.0.00 FOR ADDITIONAL SHEET METAL SCREW REQUIREMENTS.

SHEET METAL SCREWS GENERAL NOTES

SCALE: N.T.S.

OPD-0002-13



- NOTES:
- BRACING WIRES AND COMP. STRUT SHALL OCCUR AT EVERY 64 SQ. FT. MAX. IN ROOMS OVER 64 SQ. FT.
 - RDP MAY ELECT TO SPECIFY TIGHTER SPACING BETWEEN BRACING WIRES AND COMP. STRUTS TO ALLOW SMALLER ANCHORS PER SCHEDULES ON SHEETS CL4.31 & CL6.60.

TYP. CEILING PLANS FOR 1.73<SoS AND z/h<=1.0

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

OPD-0002-13

DEPARTMENT OF HEALTHCARE ACCESS AND INFORMATION

nacht&lewis

600 Q Street, Suite 100
Sacramento, CA 95811
www.nachtlewis.com
916.329.4000



DESIGN PROFESSIONALS OF RECORD:

UCDAVIS
HEALTH

FACILITIES DESIGN & CONSTRUCTION
4800 2nd Avenue, Suite 3010
Sacramento, California 95817
(916) 724-7034

CONSULTANT LOGO:

REV	REVISION DESCRIPTION	DATE
2	ADDENDUM 1 (ACD-001)	10/14/2025

CONSTRUCTION DOCUMENTS

CONSTRUCTION DOCUMENTS

CONSTRUCTION DOCUMENTS

CONSTRUCTION DOCUMENTS

CONSTRUCTION DOCUMENTS

CONSTRUCTION DOCUMENTS

CONSTRUCTION DOCUMENTS

CONSTRUCTION DOCUMENTS

CONSTRUCTION DOCUMENTS

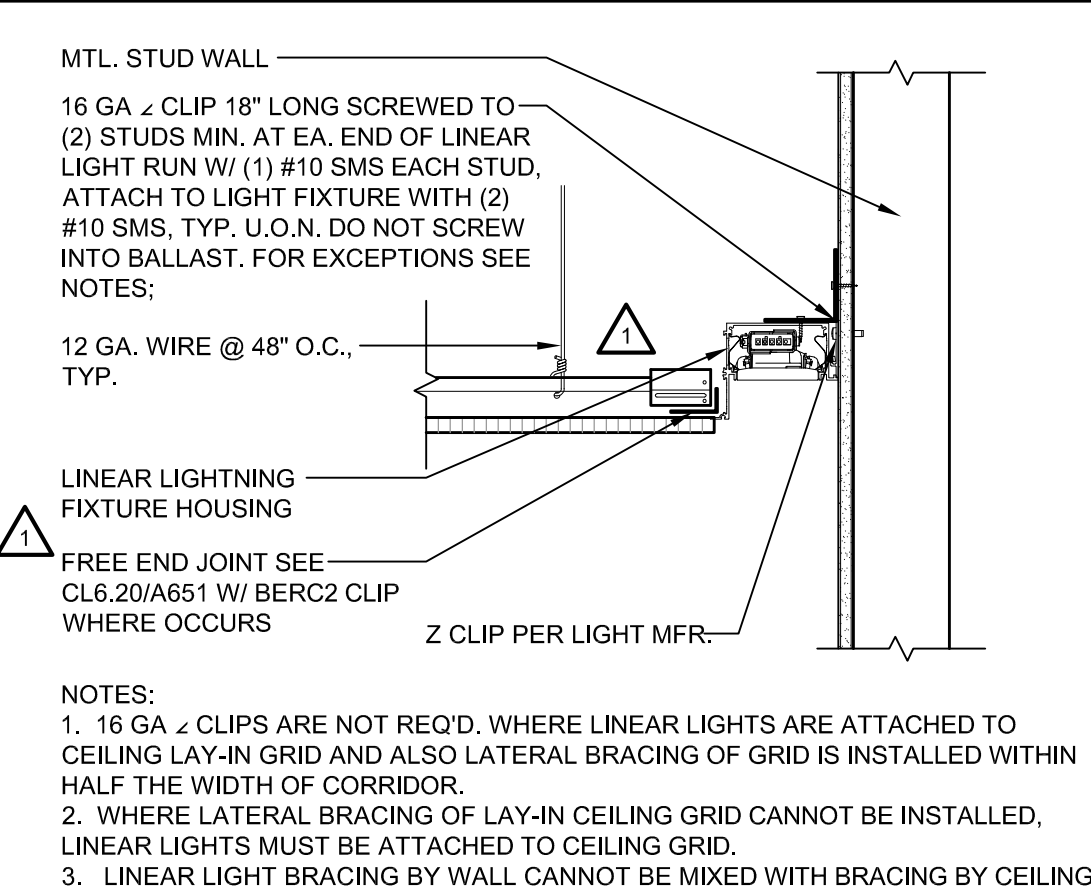
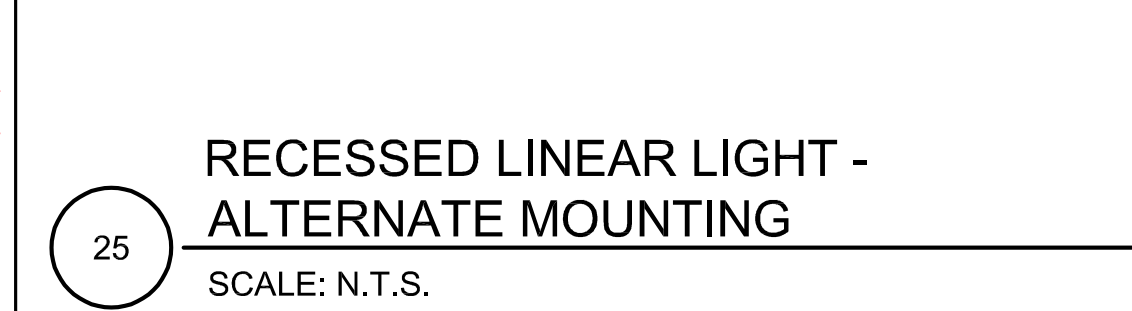
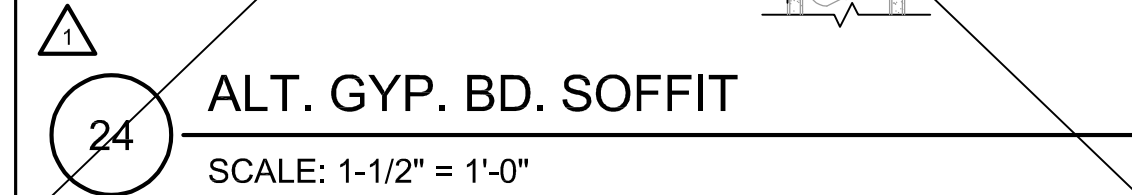
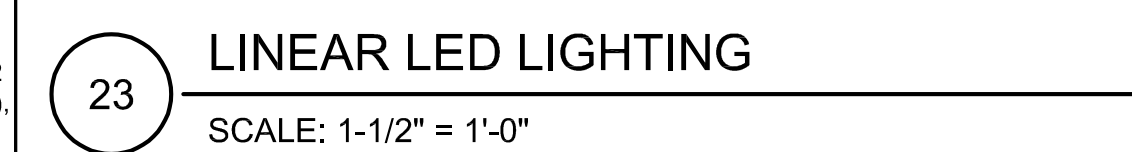
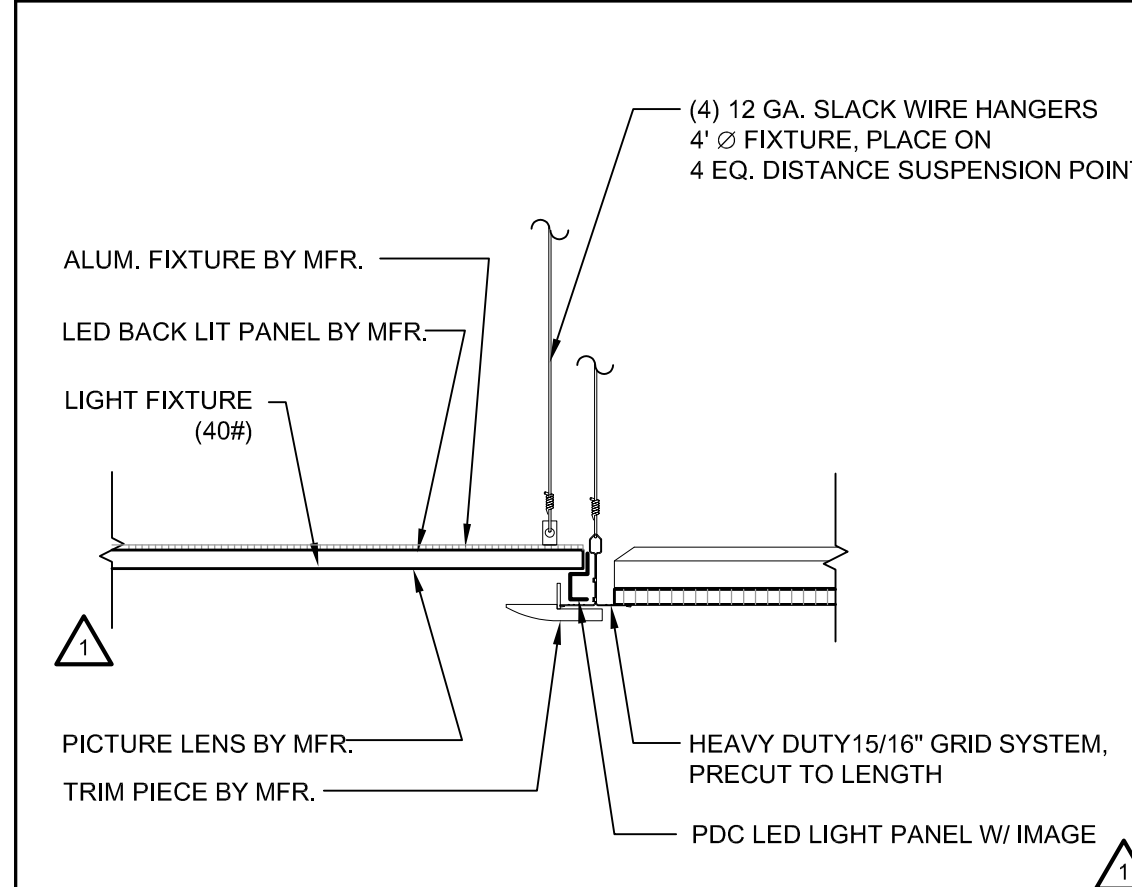
CONSTRUCTION DOCUMENTS

CONSTRUCTION DOCUMENTS

CONSTRUCTION DOCUMENTS

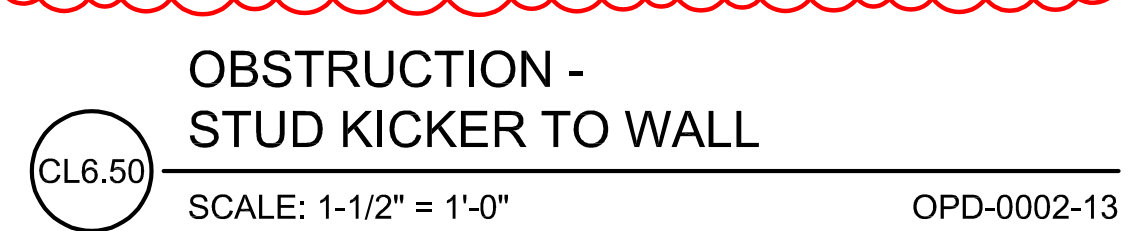
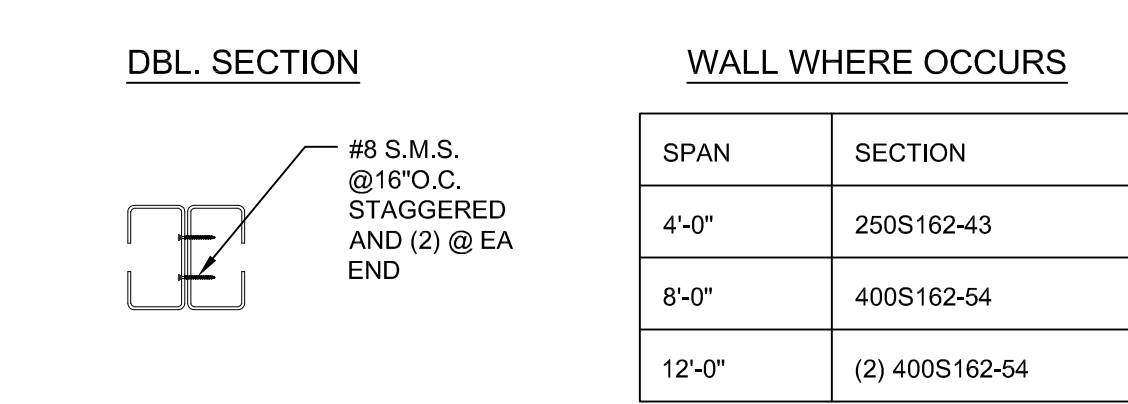
CONSTRUCTION DOCUMENTS

CONSTRUCTION DOCUMENTS



WALL STUD GAUGE	CONN TO WALL STUD	CONN TO WALL STUD ALT ³
20 GA	(5) #10x1-1/4" SMS	(3) #10x1-1/4 SMS
18 GA	(4) #10x1-1/4" SMS	(2) #10x1-1/4 SMS

- OBSTRUCTION -
STUD KICKER TO WALL
- CL6.60
- SCALE: 1-1/2" = 1'-0"
- OPD-0002-13

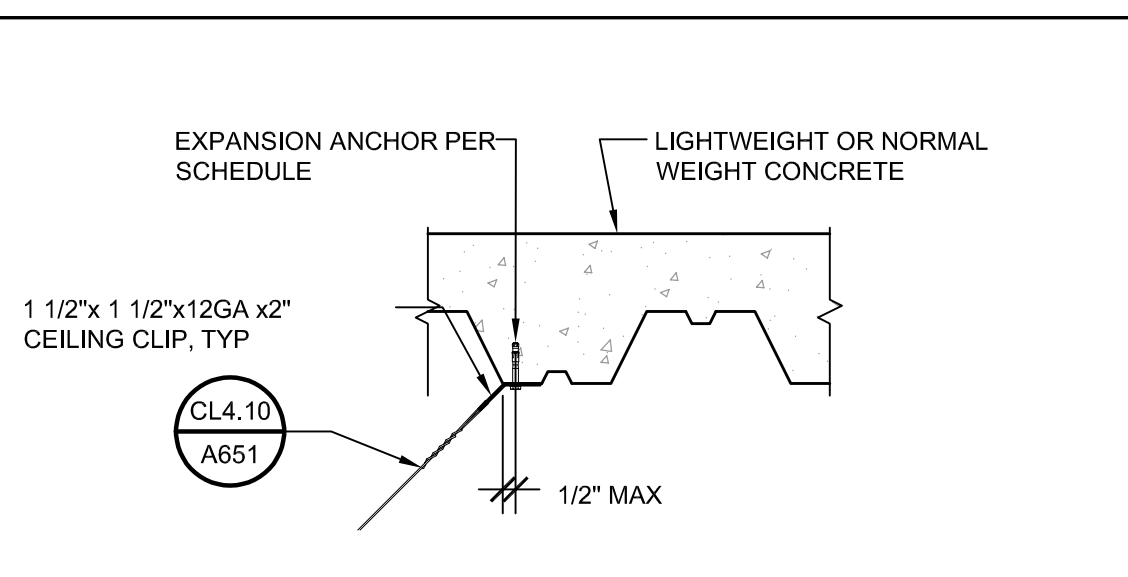
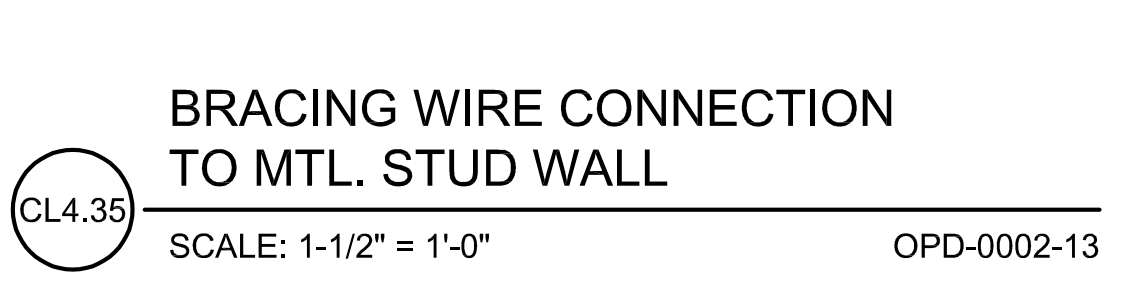
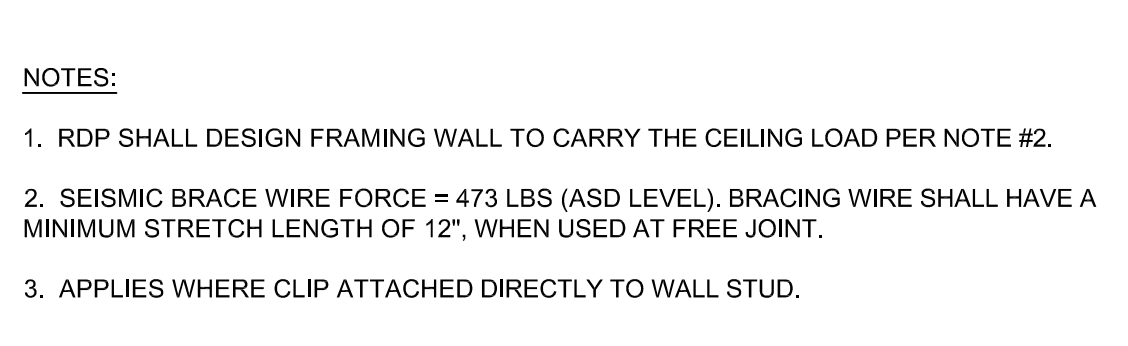
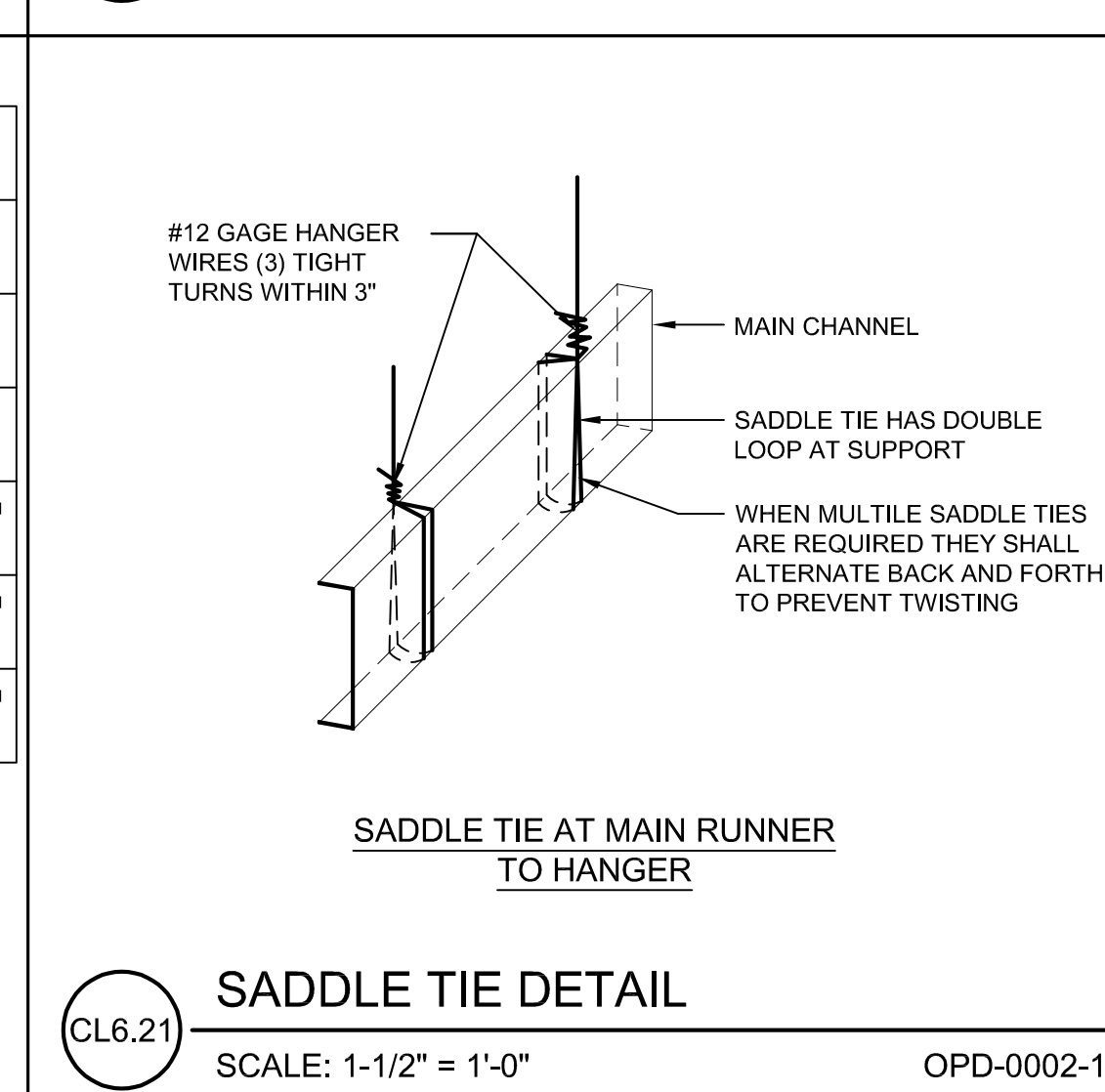
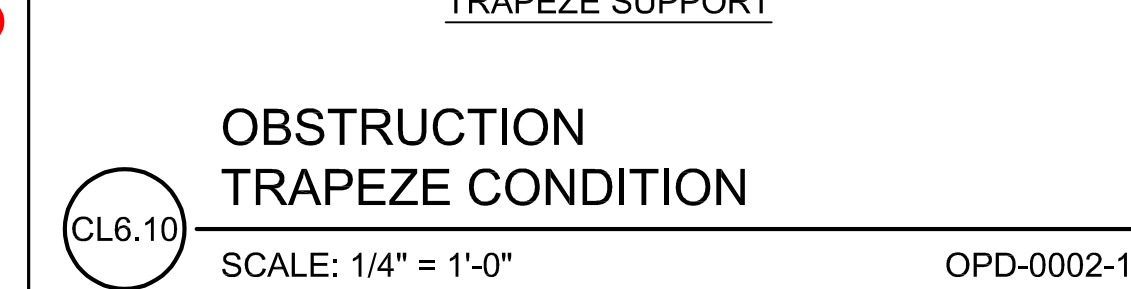
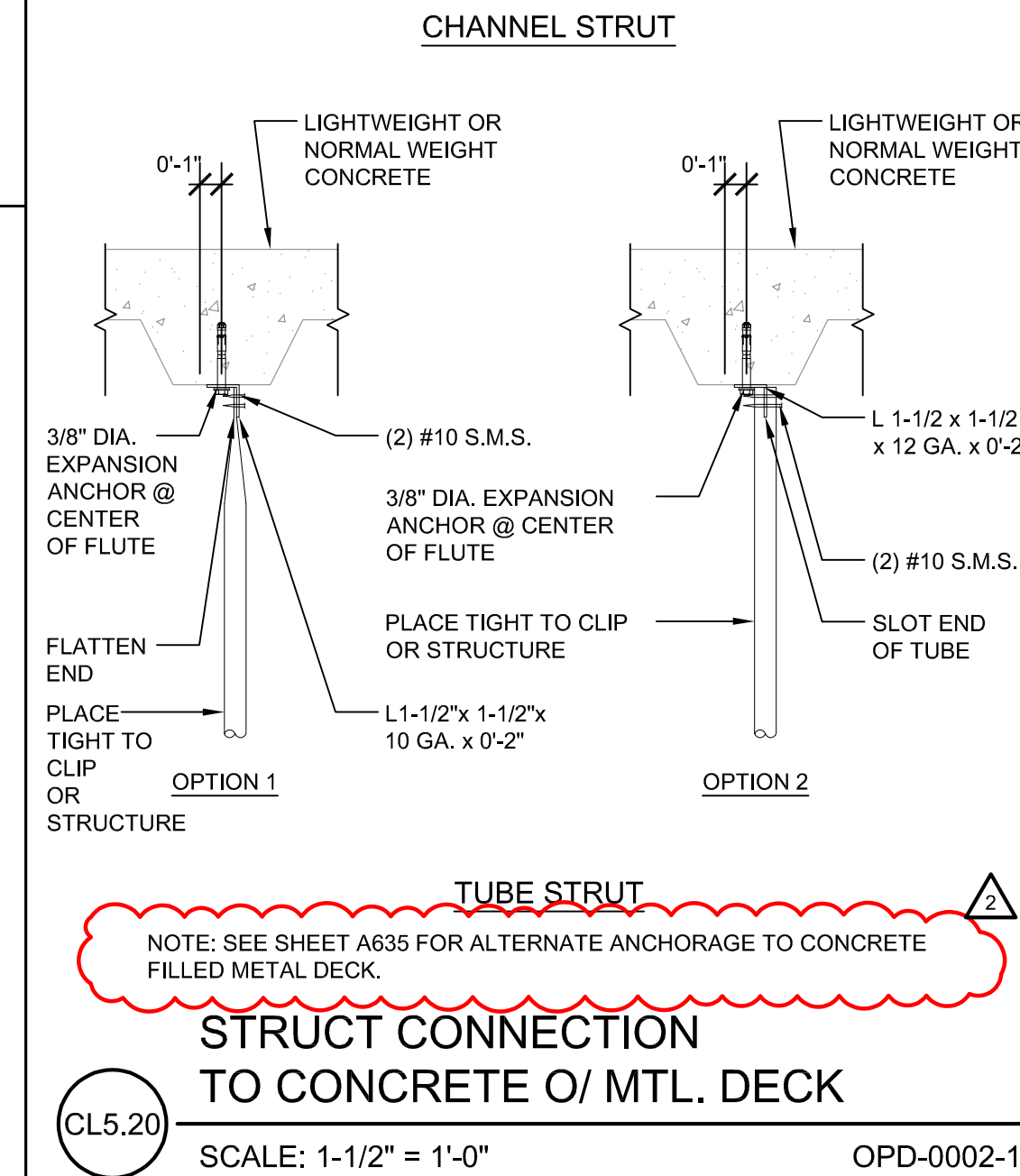


CL6.61	CL6.62	CL6.63	CL6.64
CL6.65	CL6.66	CL6.67	CL6.68
CL6.69	CL6.70	CL6.71	CL6.72

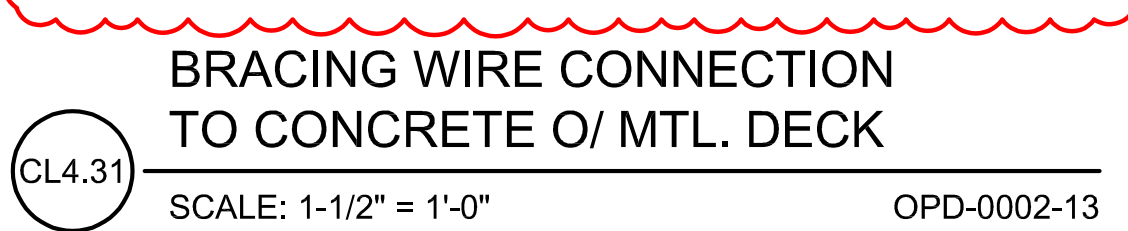
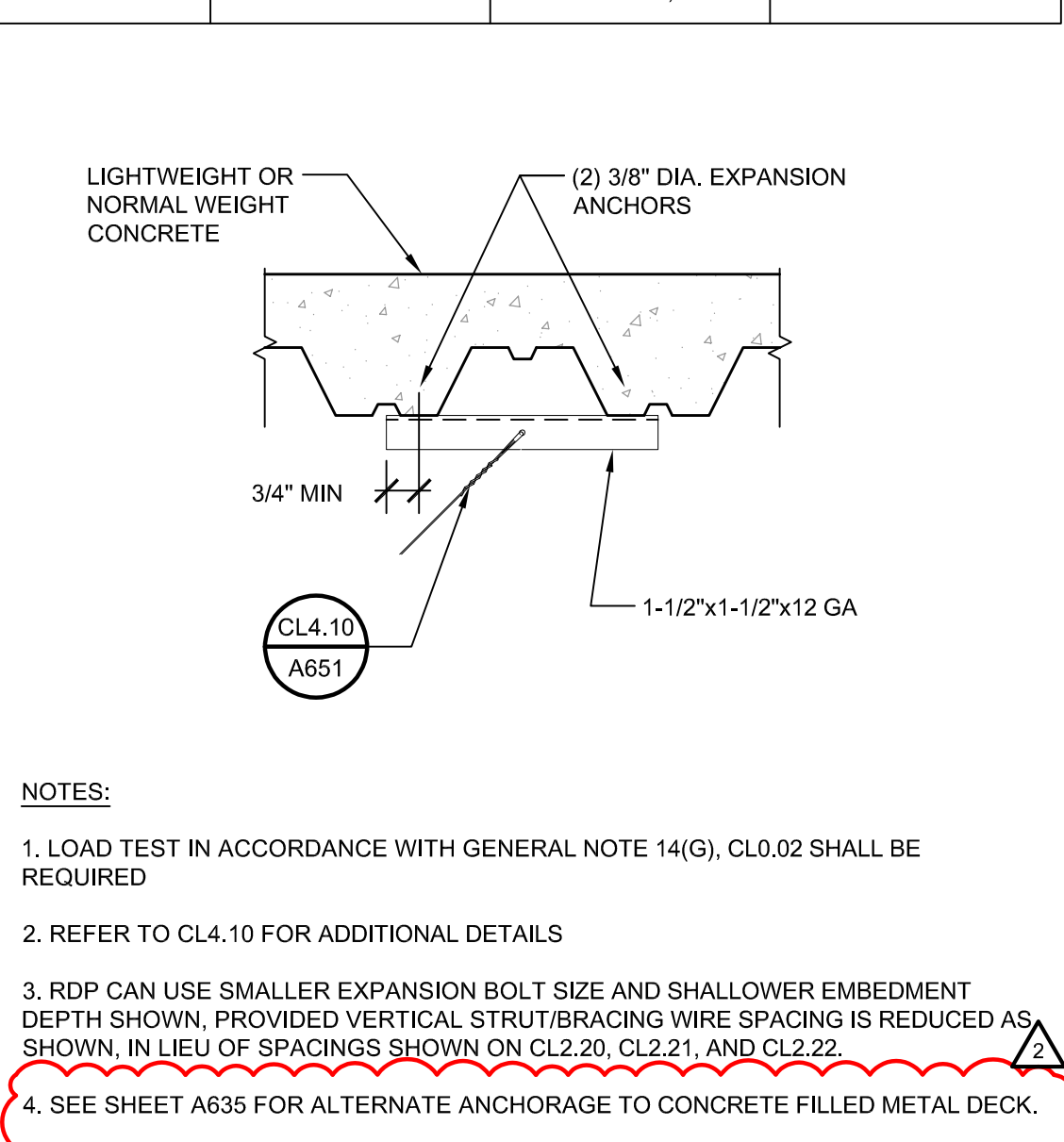
NOTES:
 1. RDP CAN USE SMALLER EXPANSION BOLT SIZE AND SHALLOWER EMBEDMENT DEPTH SHOWN. PROVIDED VERTICAL STRUT/BRACING WIRE SPACING IS REDUCED AS SHOWN, IN LIEU OF SPACINGS SHOWN ON CL6.20, CL6.21, AND CL6.22.

**OBSTRUCTION -
STUD KICKER TO WALL**

SCALE: N.T.S. OPD-0002-13



ANCHOR BOLT SIZE	SPLAY BRACE/COMP POST SPACING	SDS (q RANGE (zh=1.0)	DECK TYPE
5/8"x14" EMBED	8'x8" (PER CL1.20)	1.73 < SDS ≤ 2.5 (PER CL1.20)	W3 + 3 1/4" MIN PER CL1.20
5/8"x14" EMBED	8'x12" (PER CL1.21)	1.15 < SDS ≤ 1.73 (PER CL1.21)	W3 + 3 1/4" MIN PER CL1.20
5/8"x14" EMBED	12x12" (PER CL1.22)	0 < SDS ≤ 1.73 (PER CL1.22)	W3 + 3 1/4" MIN PER CL1.20
3/8"x2" EMBED ³	8'x8" (PER CL1.20 ³)	0.76 < SDS ≤ 1.14 (IN LIEU OF SDS SHOWN ON CL1.20 ³)	W3 + 3 1/4" MIN PER CL1.20 OR B1 1/2" x 1/4" MIN PER CL1.22
3/8"x2" EMBED ³	8'x12" (PER CL1.21 ³)	0.51 < SDS ≤ 0.76 (IN LIEU OF SDS SHOWN ON CL1.21 ³)	W3 + 3 1/4" MIN PER CL1.20 OR B1 1/2" x 1/4" MIN PER CL1.22
3/8"x2" EMBED ³	12x12" (PER CL1.22 ³)	0 < SDS ≤ 0.51 (IN LIEU OF SDS SHOWN ON CL1.22 ³)	W3 + 3 1/4" MIN PER CL1.20 OR B1 1/2" x 1/4" MIN PER CL1.22



DOOR, FRAME & HARDWARE SCHEDULE (HARDWARE SETS)																
DOOR NO.	ROOM NAME / LOCATION	DOOR OPENING		DOOR PANEL				DOOR FRAME			DETAILS (REF. A####)			HARDWARE SET	SIGNAGE TYPE 	SPECIAL REQUIREMENTS
		WIDTH	HEIGHT	TYPE	MAT.	FINISH	GLASS TYPE	TYPE	MAT.	FINISH	FIRE RATING	HEAD	JAMB			
D41	(E) PATIENT TOILET	3'-0"	7'-0"	A	SC	ACR	-	1	HM	FP	-		20/-	1	(E)	KICKPLATES; SINGLE USER TOILET FACILITIES TO BE PROVIDED WITH GENDER NEUTRAL SIGNAGE
D42	CT 3	PR. 4'-0" X 7'-0" 2'-0" X 7'-0"		A/B	SC	ACR	14FR/L	2	HM	FP	20 MIN.		10/-	2	8/- & 19/-	LEADED DOOR - MATCH LEAD WEIGHT OF ADJACENT WALL, ROTON HINGES
D43A	(E) READING	(E)	(E)	(E)	(E)	(E)	-	(E)	(E)	(E)	-	-	25/-	-	8/- & 19/-	
D43B	(E) READING	3'-0"	7'-0"	A	SC	ACR	-	1	HM	FP	-	-	25/-	3	8/- & 19/-	
D45	CT2	PR. 4'-0" X 7'-0" 2'-0" X 7'-0"		A/B	SC	ACR	14FR/L	2	HM	FP	20 MIN.		10/-	2	8/- & 19/-	LEADED DOOR - MATCH LEAD WEIGHT OF ADJACENT WALL, ROTON HINGES
-	DRESSING	(E)	(E)	-	-	-	-	-	-	-	-	-	-	-	8/- & 19/-	REPLACE SIGNAGE AS REQ'D.
																
DOOR FRAMES & MISC.																
FIN.	PRODUCT TYPE	MANUFACTURER		STYLE		COLOR/ NAME		SIZE		REMARKS						
ACR	ACROVYN DOOR SYSTEM	C/S ACROVYN		-		#372 CLASSIC MAPLE / STAINLESS STEEL (EDGE)		-		TO MATCH (E) FINISHES						
FP	FRAME PROTECTION	C/S ACROVYN		-		#102 DESERT SAND		-		TO MATCH (E) FINISHES						
HM	PAINTED HOLLOW MTL.	SHERWIN WILLIAMS		-		TBD - MATCH (E)		-		TO MATCH (E) FINISHES						

DOOR TYPES:

FRAME TYPES:

PROTECTION TYPES:

DOOR MATERIAL NOTES:

DOOR MATERIAL
AP = 40" ARMOR PLATE - 18 GA. ST. STL.
FP = 48" FRAME PROTECTION - .040" ONE-PIECE I.R. PLASTIC
HM = 16 GA. HOLLOW METAL - PAINT FINISH
MP = 12" KICK PLATE - 18 GA. ST. STL.
SC = FLUSH WOOD DOOR, 1 3/4" WOOD SOLID CORE

FRAME MATERIAL
HM = HOLLOW METAL, FACTORY FINISHED PAINT

GLASS TYPES:
14T 1/4" TEMPERED
14FR 1/4" FIRE-RATED 20 MIN. CLEAR APPROVED FOR FIRE-RATING
14FR/L 1/4" FIRE-RATED 20 MIN. CLEAR LEAD GLASS - MATCH WEIGHT OF ADJACENT WALL

GENERAL NOTES:
1. SEE SPECS FOR ADD'L INFO.
2. SEE DTL. 19/A710 FOR ROOM SIGNAGE.

PREGNANCY WARNING ID.
SCALE: NTS

X-RAY PLAQUE
SCALE: NTS

RADIATION PLAQUE
SCALE: NTS

WINDOW TYPES:

SIGNAGE PLACEMENT - ALTERNATE
SCALE: 1/2" = 1'-0"

INTERIOR DOOR SILL @ CONTINUOUS SHEET FLOORING
SCALE: 6" = 1'-0"

SIGNAGE TYPES:
NOTE: REFER TO SECTION 10425 - UCDS MASTER SIGNAGE STANDARDS MANUAL AND GUIDELINE. SUBMIT SIGN AND PLAQUE COLORS, DESIGNS AND SIZES FOR APPROVAL. ALL SIGNAGE IS CFCI U.O.N.

INTERIOR ROOM SIGN PLACEMENT
SCALE: 1/4" = 1'-0"

DOOR SILL @ TRANSITION
SCALE: 6" = 1'-0"

HOLLOW METAL DOOR HEAD/JAMB
SCALE: 3" = 1'-0"

LEAD-LINED HOLLOW METAL DOOR HEAD/JAMB
SCALE: 3" = 1'-0"

LEAD-LINED WINDOW HEAD/JAMB
SCALE: 3" = 1'-0"

LEAD SHEET O/ EXISTING SLAB
SCALE: 1 1/2" = 1'-0"

OPENING @ LEAD SHEET TRANSITION
SCALE: 6" = 1'-0"

TACTILE ROOM ID.- NON-PUBLIC ACCESS
SCALE: NTS

TACTILE ROOM ID.- PUBLIC ACCESS
SCALE: NTS

FLOORING - LEAD SHEET & SIGNAGE PLAN
SCALE: 1/8" = 1'-0"

LEAD BASE FLASH COVING
SCALE: 6" = 1'-0"

SHEET FLOORING FLASH COVING
SCALE: 6" = 1'-0"

DOOR SILL @ LEAD SHEET TRANSITION
SCALE: 6" = 1'-0"

LEAD BASE FLASH COVING
SCALE: 6" = 1'-0"

DEPARTMENT OF HEALTHCARE ACCESS AND INFORMATION

nacht&lewis

600 Q Street, Suite 100
Sacramento, CA 95811
www.nachtlewis.com
916.329.4000

DESIGN PROFESSIONALS OF RECORD:

UCDAVIS HEALTH

FACILITIES DESIGN & CONSTRUCTION
4500 2nd Avenue, Suite 3010
Sacramento, California 95817
(916) 724-7634

CONSULTANT LOG:

REV	REVISION DESCRIPTION	DATE
1	HCAI BACKCHECK 01	11/04/2024
2	ADDENDUM 1 (ACD-001)	10/17/2025

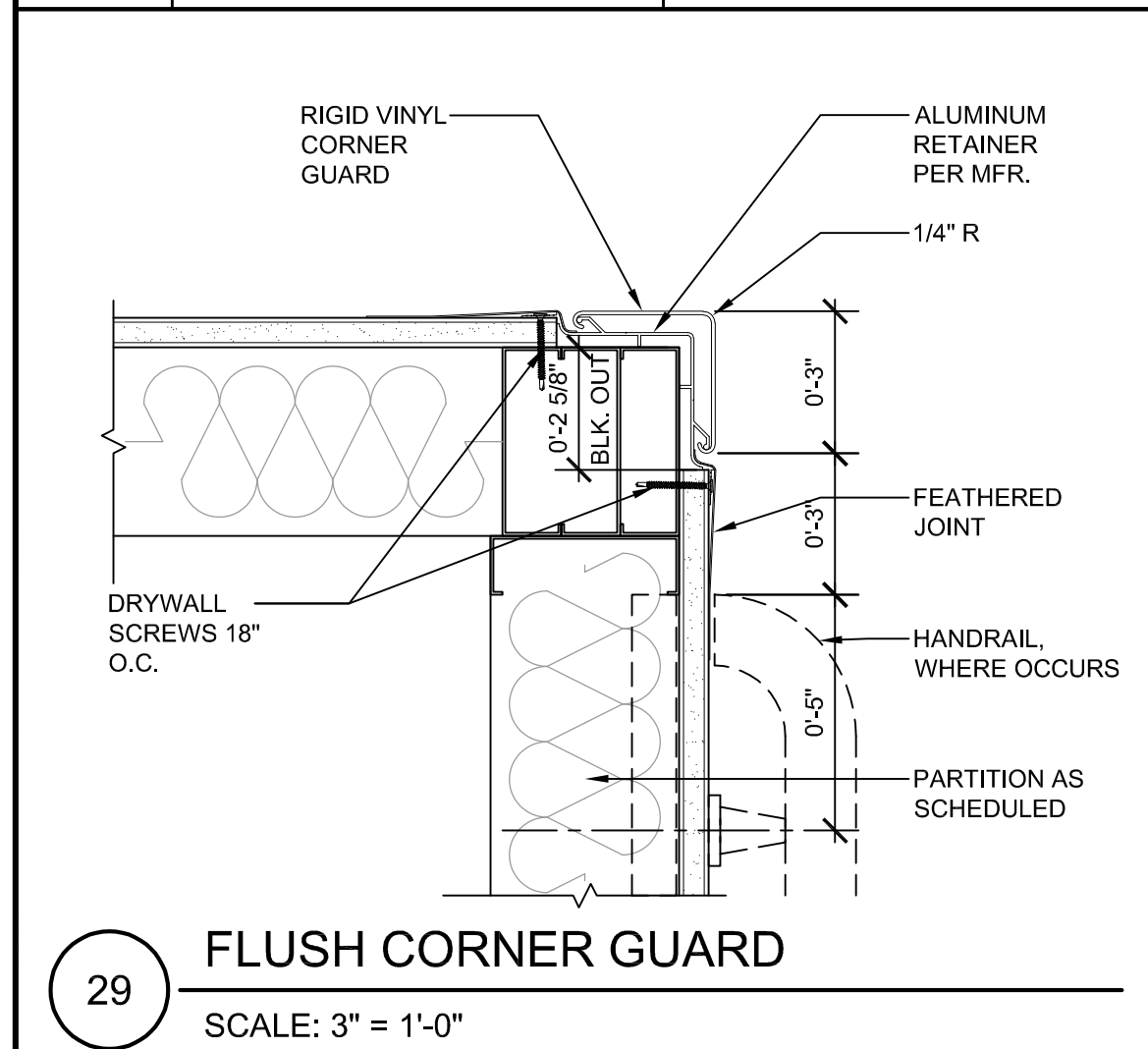
CONSTRUCTION DOCUMENTS

PROJECT NO: 9557740
S241219-34-00
BLD-02841 - SURGERY AND EMERGENCY SERVICES PAVILION
FLOORING: 1ST FLOOR
PROJECT TITLE: SESP 1P742 1P745 CT SCANNER REPLACEMENT
SHEET TITLE: DOOR SCHEDULE & DETAILS

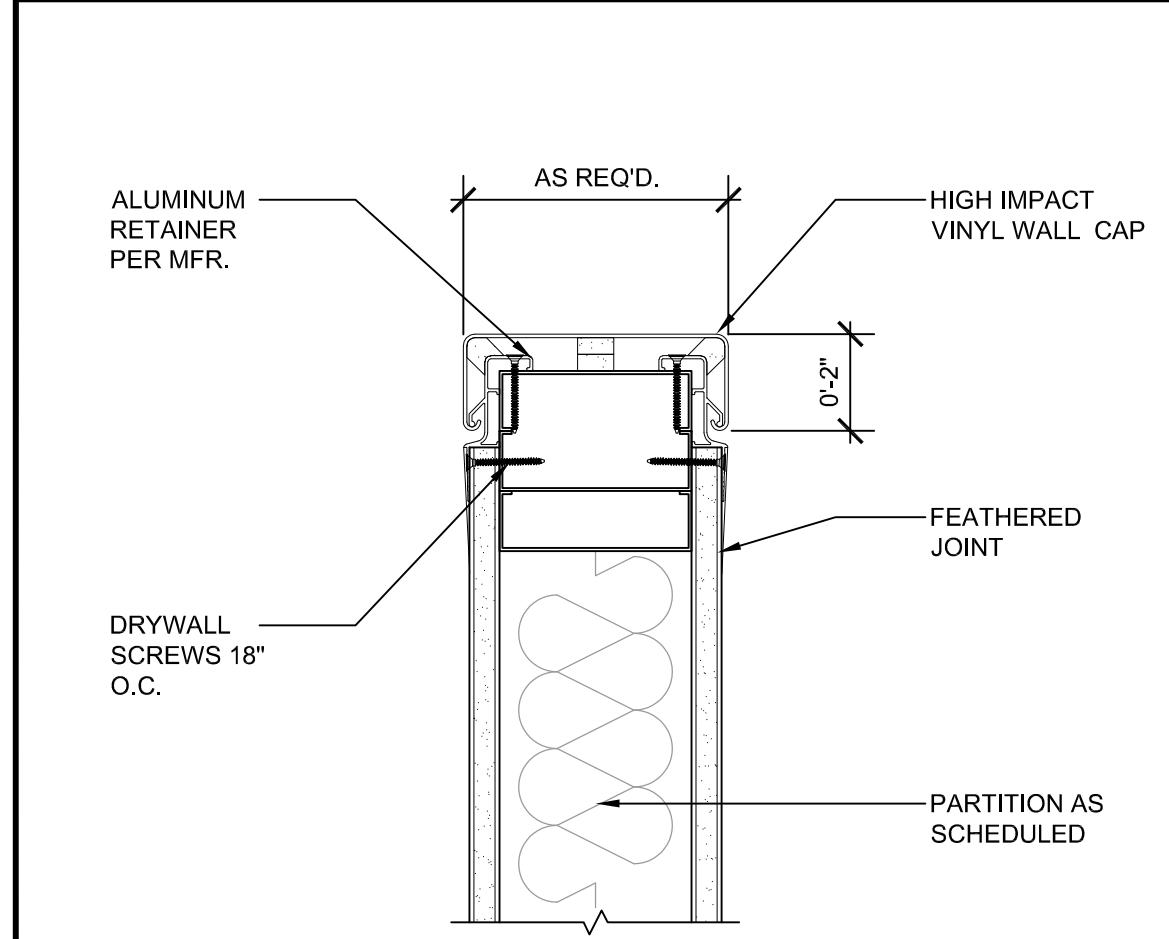
ARCH/ENGR	FO&C JOB NO.	SHEET NO.
E. TIEN	9557740	A710
UCDC PROJECT MANAGER	SCALE: AS SHOWN	
Z. Price	DATE	
DESIGNED BY		
NLA		
DRAWN BY	CAD FILE	SHEET
NLA		OF

ROOM FINISH SCHEDULE													
	ROOM NUMBER	ROOM NAME	FLOOR	BASE	WALLS				WAINSCOT		CEILING		REMARKS
					NORTH	EAST	SOUTH	WEST	MAT.	HGT.	MAT.	HGT.	
1ST FLR PAVILION	1P900	(E) CORRIDOR	(E)	(E)	(E)	(E)	(E)	(E)	(E)	2'-10"	(E)	(E) 9'-0"	PATCH & REPAIR / MATCH (E) FINISHES AS REQ'D.
	1P706	(E) MRI LOCKER	(E)	(E)	(E)	(E)	(E)	(E)	(E)	-	(E)	(E) 9'-0"	PATCH & REPAIR / MATCH (E) FINISHES AS REQ'D.
	1P715	(N) DRESSING	(E)	(E)	(E)	(E)	(E)	(E)	(E)	-	(E)	(E) 9'-0"	PATCH & REPAIR / MATCH (E) FINISHES AS REQ'D.
	1P740	CONTROL	SR1/SR2 SR3	RB1	P1	P1	P2	P1	WP1/ WP2	2'-10"/ 4'-6"	ACT1/ PWB	9'-0" MATCH (E)	SEE FINISH PLAN & INTERIOR ELEVS. F.A.I.
	1P740A	(E) CORRIDOR	(E)	(E)	-	P1	-	-	-	-	ACT1	9'-0" MATCH (E)	PATCH & REPAIR / MATCH (E) FINISHES AS REQ'D.
	1P740B	(E) DX/QC AREA	SR1/SR4	RB1	P1	P1	P1	P2	(E)	-	(E)	9'-0" MATCH (E)	SEE FINISH PLAN & INTERIOR ELEVS. F.A.I.; PATCH & REPAIR / MATCH (E) FINISHES AS REQ'D.
	1P741	(E) PATIENT TOILET	SR1	ICB1	P1	P1	P1	P1			PWB	(E) 8'-0"	
	1P742	CT 3	SR1/SR2 SR3	RB1	P1	(E)	P1	P1	WP1/ WP2	2'-10"	ACT2	8'-0"	SEE FINISH PLAN & INTERIOR ELEVS. F.A.I.
	1P743	(E) READING	SR1/SR4	RB1	P1	P2	P1	P1	-	-	ACT1	9'-0" MATCH (E)	PATCH & REPAIR / MATCH (E) FINISHES AS REQ'D.
	1P745	CT 2	SR1/SR2 SR3	RB1	P1	P1	P1	P1	WP1/ WP2	2'-10"	ACT2	8'-0"	SEE FINISH PLAN & INTERIOR ELEVS. F.A.I.

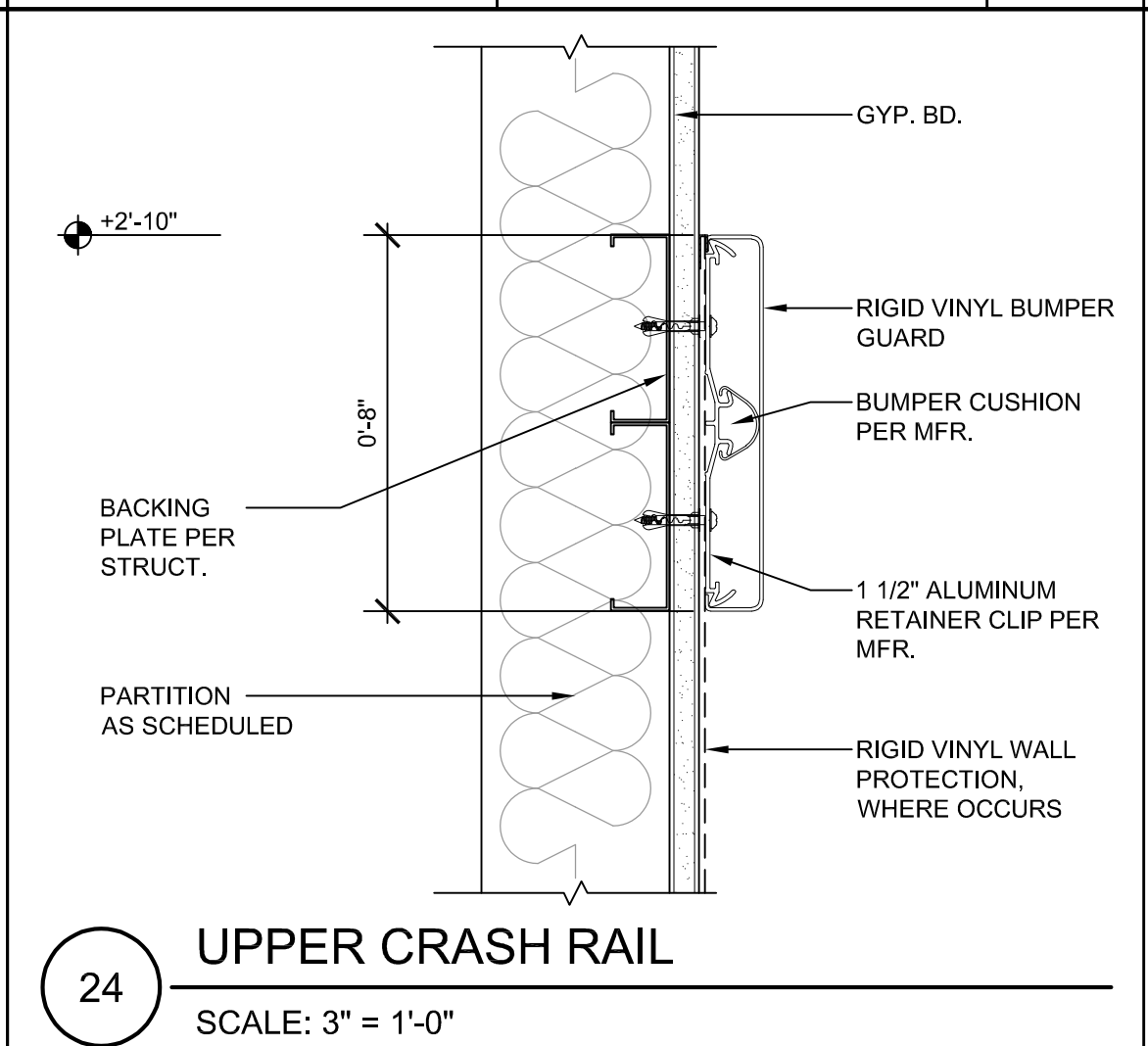
ROOM FINISH SCHEDULE LEGEND AND NOTES						
SYMB	PRODUCT TYPE	MANUFACTURER	STYLE NAME	COLOR NAME/#	SIZE	REMARKS
FLOORING						
SR1	SHEET RUBBER	INTERFACE/NORA	NORAPLAN ENVIRONCARE	7051 SNOWBALL FIGHT	-	-
SR2	SHEET RUBBER	INTERFACE/NORA	NORAPLAN ENVIRONCARE	7044 EGG HUNT (LIGHT BLUE)	-	-
SR3	SHEET RUBBER	INTERFACE/NORA	NORAPLAN ENVIRONCARE	7045 ICE SKATING (DARKER BLUE)	-	-
SR4	SHEET RUBBER	INTERFACE/NORA	NORAPLAN ENVIRONCARE	7050 PETTING ZOO (TAUPE)	-	-
FLOOR BASE						
RB1	RUBBER BASE	JOHNSONITE	THERMOSET RUBBER	#09 CLAY	6" HIGH	
ICB1	6" HIGH, INTEGRAL COVE BASE	INTERFACE/NORA	NORAPLAN ENVIRONCARE	TO MATCH ADJACENT FLOORING	6" HIGH	INTEGRAL FLASH BASE, SEE DTL. 4/A710F.A.I.
WALLS						
P1	PAINTED WALL BOARD	DUNN EDWARDS	SEE SPECS	DE6204 TRITE WHITE		
P2	PAINTED WALL BOARD	DUNN EDWARDS	SEE SPECS	DE6333 HAMILTON BLUE		
WALL PROTECTION						
CAP	CORNER GUARD END CAP	C/S ACRYVYN	PVC FREE ACRYVYN 3000	#102 DESERT SAND		MATCH (E) FINISHES; SEE DTL. 30/-
CG	CORNER GUARD	C/S ACRYVYN	PVC FREE ACRYVYN 3000	#102 DESERT SAND		MATCH (E) FINISHES; SEE DTL. 29/-
WP1	WALL PANEL W/ BUMPER GUARDS	C/S ACRYVYN	PVC FREE ACRYVYN 3000	#102 DESERT SAND		MATCH (E) FINISHES; SEE DTL. 24 & 25/-
WP2	WALL PROTECTION PANEL	C/S ACRYVYN	PVC FREE ACRYVYN 3000	#102 DESERT SAND		
CASEWORK						
PL1	PLASTIC LAMINATE	WILSONART	MATTE -60	LIMBER MAPLE 10734		MATCH (E) FINISHES
SM1	SOLID SURFACE COUNTERTOP MATERIAL	CORIAN	SATIN FINISH	RAFFIA	1/2"	USED IN SESP MRI UPGRADES UCDC #9559380
CEILING						
ACT1	ACOUSTIC CEILING TILE	ARMSTRONG WORLD INDUSTRIES	CIRRUS REGULAR SR4	WHITE	24" x 24"	MATCH (E) FINISHES
ACT2	ACOUSTIC CEILING TILE	ARMSTRONG WORLD INDUSTRIES	OPTIMA HEALTH ZONE 3114PB	WHITE	24" x 24"	
PWB	PAINTED WALL BOARD	DUNN EDWARDS	YANG MIST	KM4576-1		MATCH KELLY MOORE



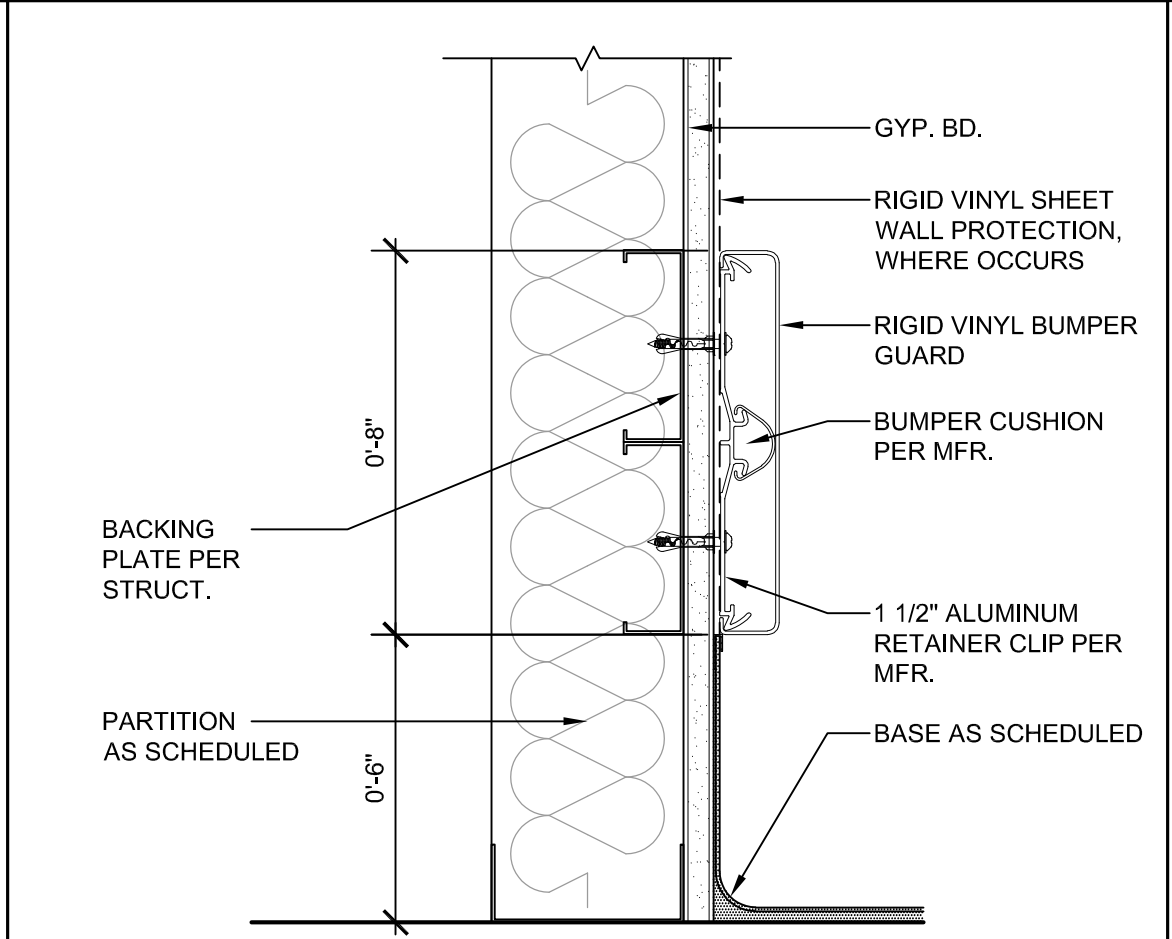
29 FLUSH CORNER GUARD
SCALE: 3" = 1'-0"



30 WALL END CAP / GUARD
SCALE: 3" = 1'-0"



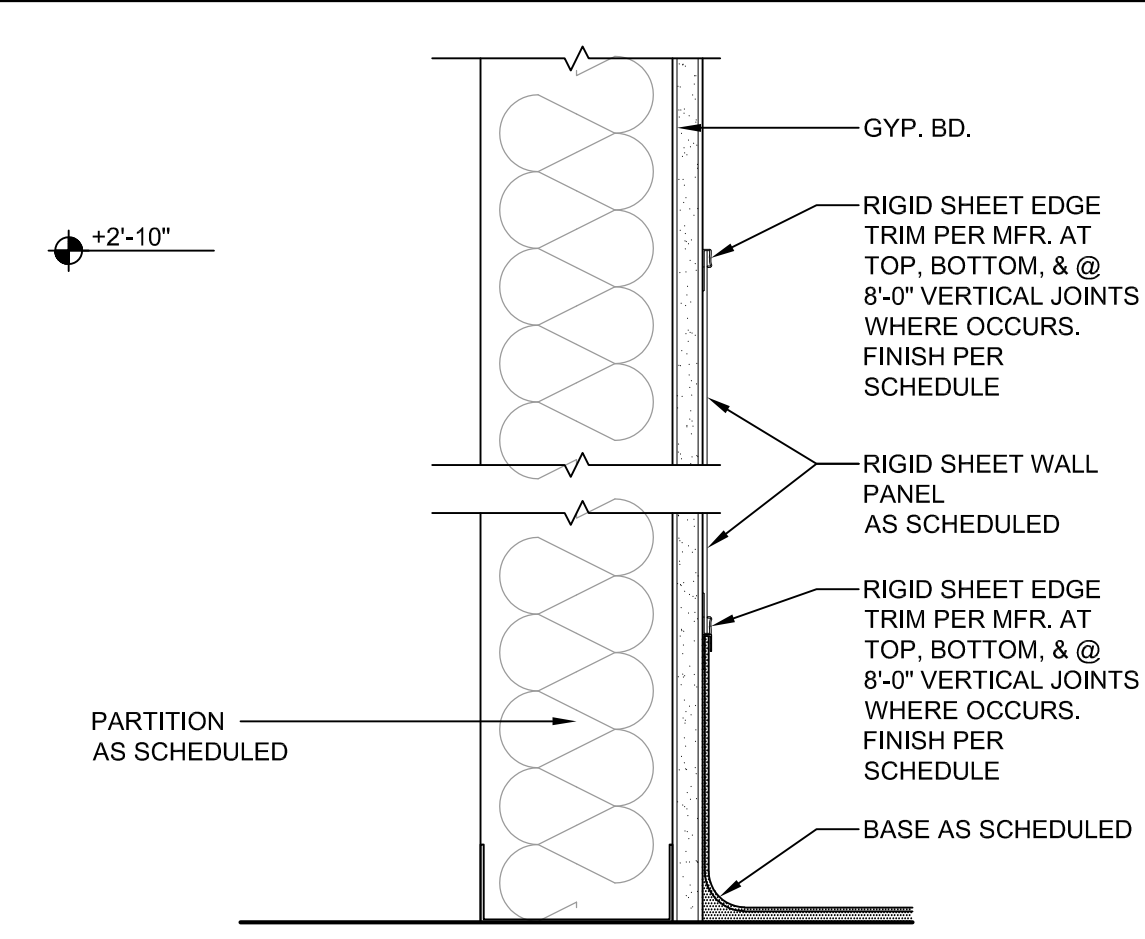
24 UPPER CRASH RAIL
SCALE: 3" = 1'-0"



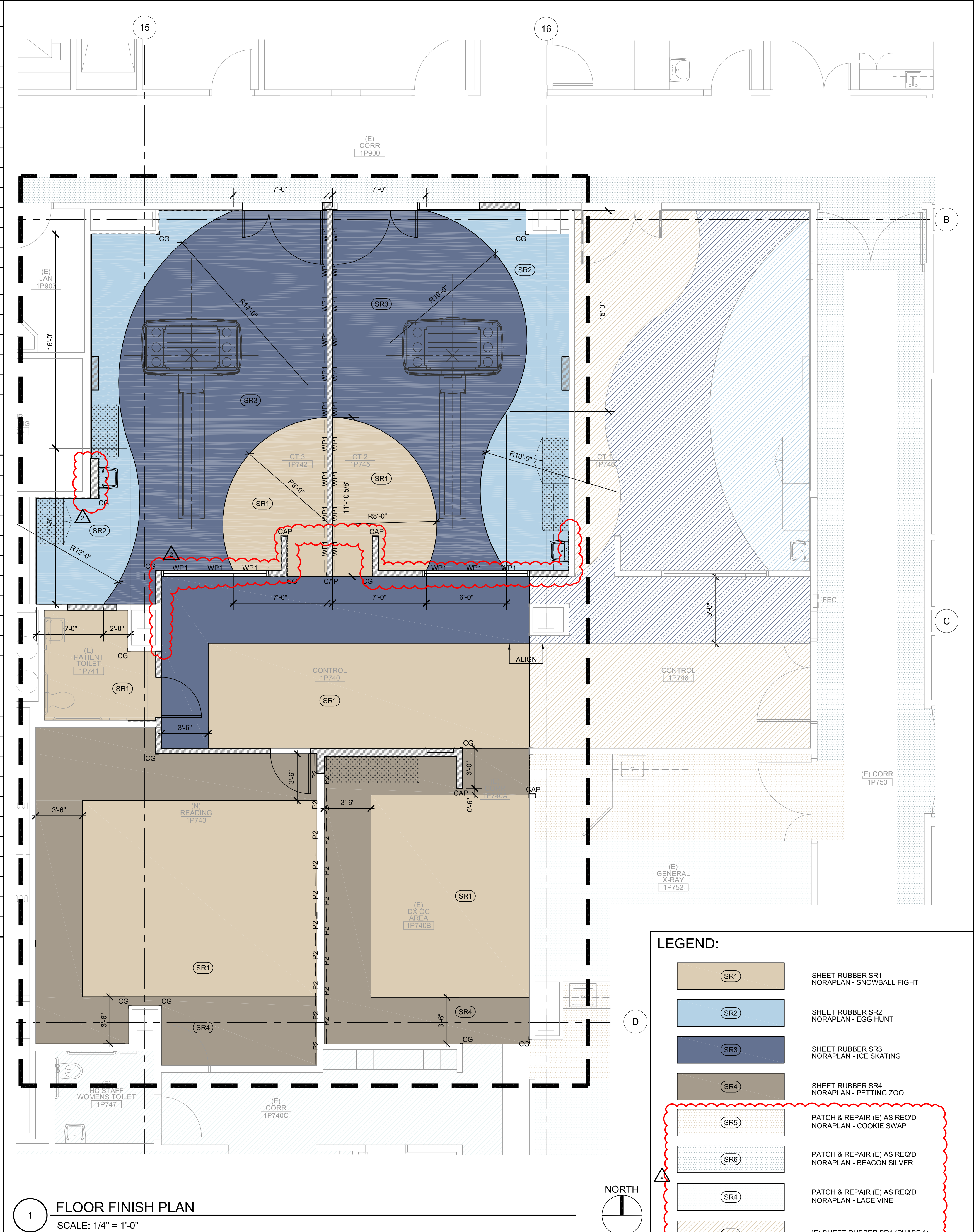
25 LOW CRASH RAIL
SCALE: 3" = 1'-0"



20 RIGID SHEET WALL PROTECTION
SCALE: 3" = 1'-0"



20 RIGID SHEET WALL PROTECTION
SCALE: 3" = 1'-0"



1 FLOOR FINISH PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES (CBC 1224.4.11):

- FLOOR FINISHES SHALL BE SMOOTH, WATERPROOF AND DURABLE.
- THE MATERIAL AND TEXTURES OF BASES AND THE INSTALLATION THEREOF SHALL BE SUCH TO MINIMIZE DUST-CATCHING SURFACES, MOISTURE, INFILTRATION AND HARBORING OF VERMIN.
- WALL BASES IN OPERATING ROOMS, EMERGENCY OPERATING ROOMS, CAST ROOMS, SPECIAL PROCEDURE ROOMS AND OTHER AREAS WHICH ARE SUBJECT TO WET CLEANING METHODS SHALL BE INTEGRAL AND COVERED WITH THE FLOOR, AND CONSTRUCTED WITHOUT VOIDS AT THE INTERSECTION OF FLOOR AND WALL SURFACES.
- INTERIOR WALL FINISHES SHALL BE SMOOTH, WASHABLE AND DURABLE.
- CEILING FINISHES SHALL BE PIN PERFORATED, FINE FISSURED, OR LIGHTLY TEXTURED IN COMPLIANCE WITH CBC TABLE 1224.1.

MINIMUM MATERIAL SPECIFICATIONS
(FOR INTERIOR FINISHES IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM DESIGNED IN ACCORDANCE WITH SECTION 903.1.1 OR 903.1.2 OF THE 2022 CBC)

FLOORING MATERIALS:
CLASS I OR BETTER MATERIALS COMPLYING WITH ASTM STANDARD E 648, AND HAVING A SPECIFIC OPTICAL DENSITY SMOKE RATING NOT TO EXCEED 450 PER ASTM E662.

INTERIOR WALL AND CEILING FINISH MATERIALS:
INTERIOR WALL AND FINISH MATERIALS SHALL BE CLASSIFIED IN ACCORDANCE WITH ASTM E 84 OR UL 723.

LEGEND:	
(SR1)	SHEET RUBBER SR1 NORAPLAN - SNOWBALL FIGHT
(SR2)	SHEET RUBBER SR2 NORAPLAN - EGG HUNT
(SR3)	SHEET RUBBER SR3 NORAPLAN - ICE SKATING
(SR4)	SHEET RUBBER SR4 NORAPLAN - PETTING ZOO
(SR5)	PATCH & REPAIR (E) AS REQ'D NORAPLAN - COOKIE SWAP
(SR6)	PATCH & REPAIR (E) AS REQ'D NORAPLAN - BEACON SILVER
(SR7)	PATCH & REPAIR (E) AS REQ'D NORAPLAN - LACE VINE
(SR1)	(E) SHEET RUBBER SR1 (PHASE 1) NORAPLAN - SNOWBALL FIGHT
(SR2)	(E) SHEET RUBBER SR2 (PHASE 1) NORAPLAN - EGG HUNT
(SR3)	(E) SHEET RUBBER SR3 (PHASE 1) NORAPLAN - ICE SKATING
	CASEWORK
	P2 - ACCENT PAINT WALL
	RP1 - RIGID SHEET PANELS
	WP1 - WALL PROTECTION
	WP2 - WALL PROTECTION
	CORNER GUARD
	END CAP
	AREA OF WORK

DEPARTMENT OF HEALTHCARE ACCESS AND INFORMATION

nacht&lewis

600 Q Street, Suite 100
Sacramento, CA 95811
www.nachtlewis.com
916.329.4000

DESIGN PROFESSIONALS OF RECORD:

UCDAVIS HEALTH

FACILITIES DESIGN & CONSTRUCTION
4500 2ND AVENUE SUITE 3010
SACRAMENTO, CALIFORNIA 95817
(916) 724-7034

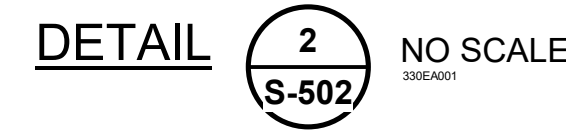
CONSULTANT LOG:

REV	REVISION DESCRIPTION	DATE
1	HCAI BACKCHECK 01	10/30/2024
2	ADDENDUM 1 (ACD-001)	10/14/2025

CONSTRUCTION DOCUMENTS

PROJECT NO: 9557740
S241219-34-00
BLD-02841 - SURGERY AND EMERGENCY SERVICES PAVILION
FLOORING: 1ST FLOOR
PROJECT TITLE: SESP 1P742 1P745 CT SCANNER REPLACEMENT
FINISH SCHEDULE & PLANS

ARCH-ENGR E. TIEN	DATE AS SHOWN	SHEET NO. A811
UCDC PROJECT MANAGER Z. Price	DATE -	
DESIGNED BY NLA	CAD FILE -	SHEET -
DRAWN BY NLA		OF -



NOTES

1. PIPE, CONDUIT, OR OTHER UTILITIES SHALL BE LOCATED IN THE PRE-PUNCHED OPENINGS OF METAL STUD WEBS WHEREVER POSSIBLE.
2. HOLES IN METAL STUDS SHALL BE CUT IN WEB ONLY. FLANGES OF THE STIFFENING PROJECTIONS OF FLANGES SHALL NOT BE CUT.
3. ROUND HOLES UP TO THIS SIZE MAY BE CUT IN METAL STUD WEBS WITHOUT ADDITIONAL REINFORCEMENT.
4. MAXIMUM ALLOWABLE HOLE SIZE WHEN L REINFORCEMENT IS USED.

5
S-502



NOTE: THIS SPLICE DETAIL SHOULD ONLY BE USED AT EXISTING DISCOVERED CONDITIONS. FOR TYPICAL STUD REINFORCING, SEE



600 Q Street, Suite 100
Sacramento, CA 95811
www.nachtlewis.com
916.329.4000



FACILITIES DESIGN & CONSTRUCTION
4800 2ND AVENUE SUITE 3010
SACRAMENTO, CALIFORNIA 95817
(916)734-7024

[illegible]

CONSTRUCTION DOCUMENTS

CCOUNT NO.: 9557740

CAI NO.: S241219-34-00

BUILDING: BLD-02841 -

1ST FLOOR

PROJECT TITLE: **OFFER OF AGRICULTURAL COMMODITIES**

Tests

SHEET TITLE: DETAILS

ARCH./ENGR.	FD&C JOB NO.	SHEET NO.	
JOHN F.	-	S-502	
UCDC PROJECT MANAGER	SCALE		
ZACH P.	AS SHOWN		
DESIGNED BY	DATE		
AKH	07/01/2024		
DRAWN BY	CAD FILE	SHEET	OF
AKH	-		

A INTERIOR WALL OPENING S-601 FRAMING SCHEDULE					
DEFLECTION LIMIT = L/120					
W ¹¹ MAX WIDTH	JAMBS	HEADER	SILL	HC4-8 SCREW SPCG 3 5/8" & 4" WALLS	6" & 8" WALLS
4'-0"	J1 ^{1,2}	H2	S1		
8'-0"	J2	H4	S2		
12'-0"	J3	HC4-8 ^{3,4}	S3	8"CC	4"CC
16'-0"	J4	HC4-8 ^{3,4,5,6}	S4	8"CC	4"CC

NOTES:

- USE J2 MINIMUM AT DOOR OPENINGS.
- USE J2 AT 4'-0" MAX OPNGS IN 20GA WALLS (ALL STUD DEPTHS), 8"x18GA WALLS AND 4"x14GA WALLS.
- USE 18GA MIN HEADERS AT 12'-0" MAX OPNGS IN 8" WALLS.
- USE 16GA MIN HEADERS AT 16'-0" MAX OPNGS IN 3 5/8" & 4" WALLS.
- USE 14GA MIN HEADERS AT 16'-0" MAX OPNGS IN 6" & 8" WALLS UNO.
- USE HC4-10 HEADERS AT 16'-0" MAX OPNGS IN 8"x14GA WALLS.
- FOR JAMB, HEADER, AND SILL DETAILS, SEE SHEET **S-602**.
- "H4-8" INDICATES HEADER TYPE AND DEPTH OF VERTICAL STUD ELEMENTS INSIDE HEADER. "HC4-8" INDICATES COMPOSITE HEADER w/ ADDL SCREW REQUIREMENTS, SEE SCHEDULE **S-602**.
- FOR CONNECTION @ BASE OF WALL AT JAMBS SEE **7/S-601**.
- FOR CONNECTION @ TOP OF WALL AT JAMBS SEE **8/S-601**.
- "W" WIDTH IS THE MAX WIDTH OF A SINGLE OPENING OR THE COMBINED WIDTH OF SIDE BY SIDE OPENINGS THAT SHARE A SINGLE JAMB STUD CONFIGURATION.
- FOR HEADERS & SILLS, OPENINGS UP TO 1 1/4" MAX ARE ACCEPTABLE FOR CONDUIT. LOCATE OPENING AWAY FROM CLIPS & FLANGES. (2) HOLES MAX PER HEADER SPACED AT 8" MIN.

B INTERIOR METAL STUD PARTITIONS S-601 MAXIMUM HEIGHT FOR METAL STUDS WITH S ₉₅ = 0.75, I _p = 1.5 DEFLECTION LIMIT L/120, NON-BEARING WITH DBL CABINETS OR EQUIP				
16"CC SPACING				
DEPTH	GAUGE	DESIGNATION ³	MAX HEIGHT	
3 5/8"	18	362S162-43	13'-6"	
3 5/8"	16	362S162-54	13'-6"	
3 5/8"	14	362S162-68	13'-6"	
4"	18	400S162-43	13'-6"	
4"	16	400S162-54	13'-6"	
4"	14	400S162-68	13'-6"	
6"	18	600S162-43	13'-6"	
6"	16	600S162-54	13'-6"	
6"	14	600S162-68	13'-6"	
8"	18	800S162-43	13'-6"	
8"	16	800S162-54	13'-6"	
8"	14	800S162-68	13'-6"	

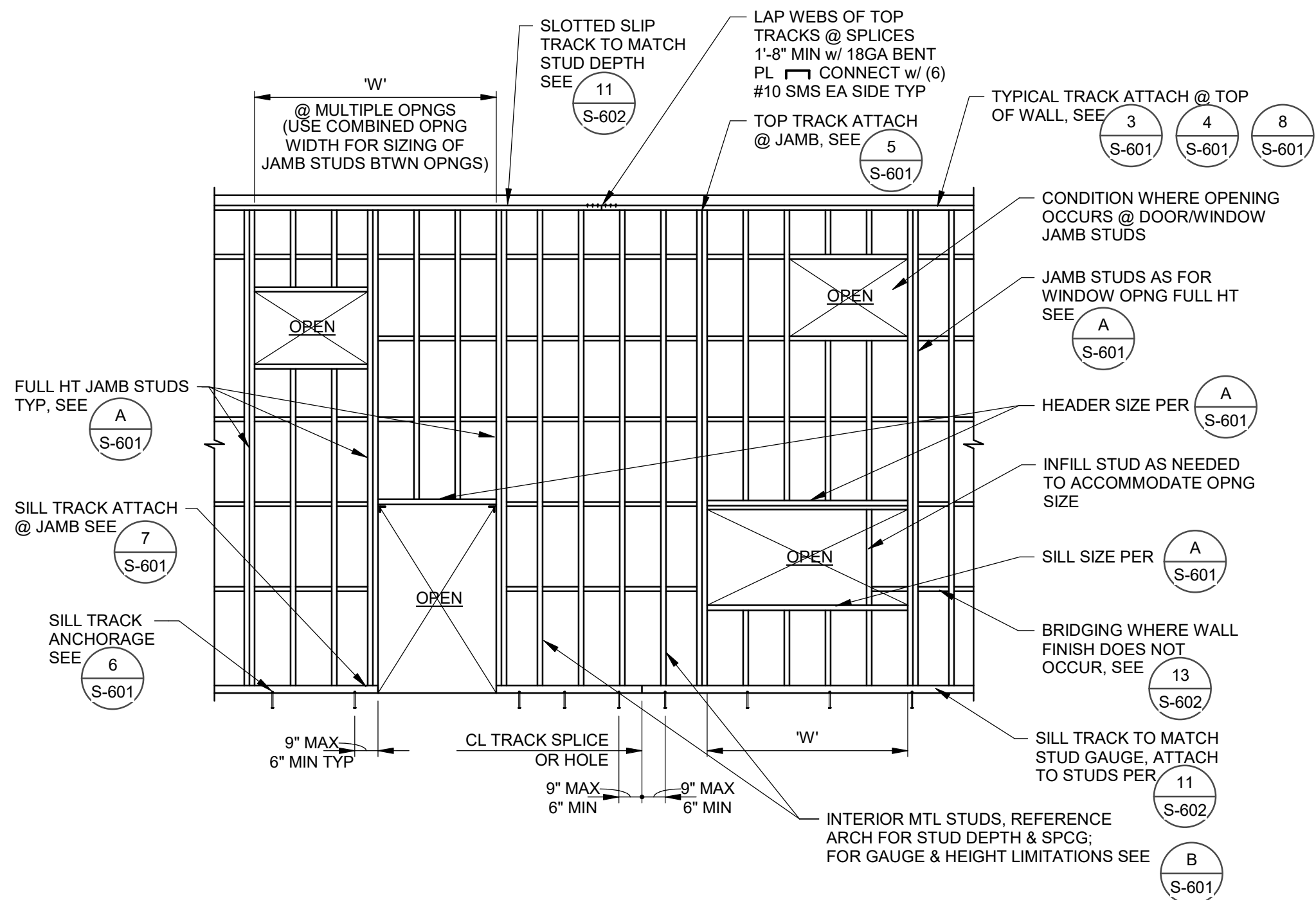
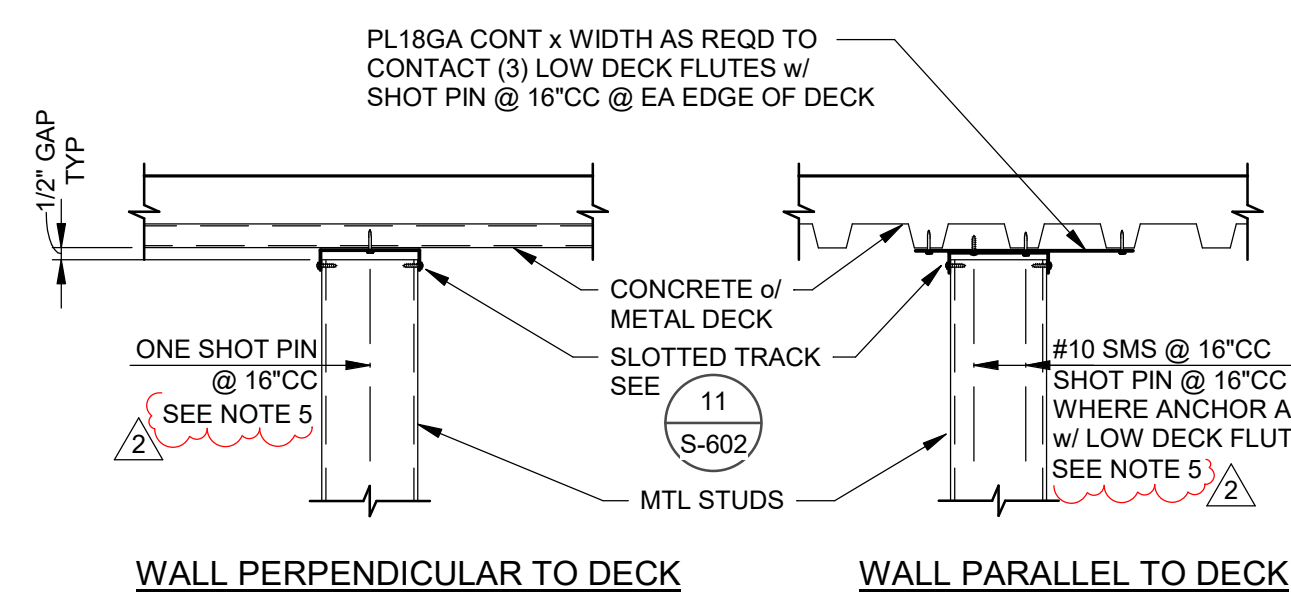
NOTES:

- STUDS SHALL BE DEPTH AS INDICATED ON ARCH DRAWINGS AND GAUGE AS DETERMINED BY THIS SCHEDULE.
- FOR TYPICAL WALL FRAMING CONDITIONS, SEE **1/S-601** **2/S-601**.
- DESIGNATION CONFORMS TO STEEL STUD MANUFACTURER'S ASSOCIATION STANDARDS.
- FOR WALL SUPPORTED CABINET INSTALLATION, SEE **14/S-602**.
- THE MAX HEIGHTS NOTED IN THIS SCHEDULE ARE BASED ON THE USE OF SEISMIC COMPONENT LOAD F_p OR A LIVE LOAD OF 5PSF, WHICHEVER GOVERNS.

C TRACK ATTACHMENT S-601 AT JAMB STUDS				
JAMB TYPE	TRACK ATTACHMENT METHOD			
	SHOT PINS	SMS	1/2"Ø BOLTS	
J1	1	1	1	
J2	2	2	1	
J3	3	3	1	
J4	4	4	2	

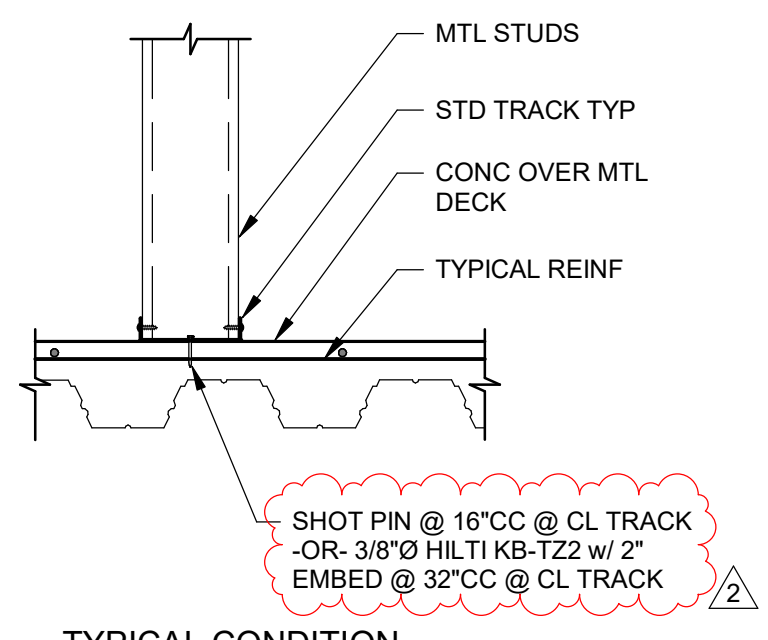
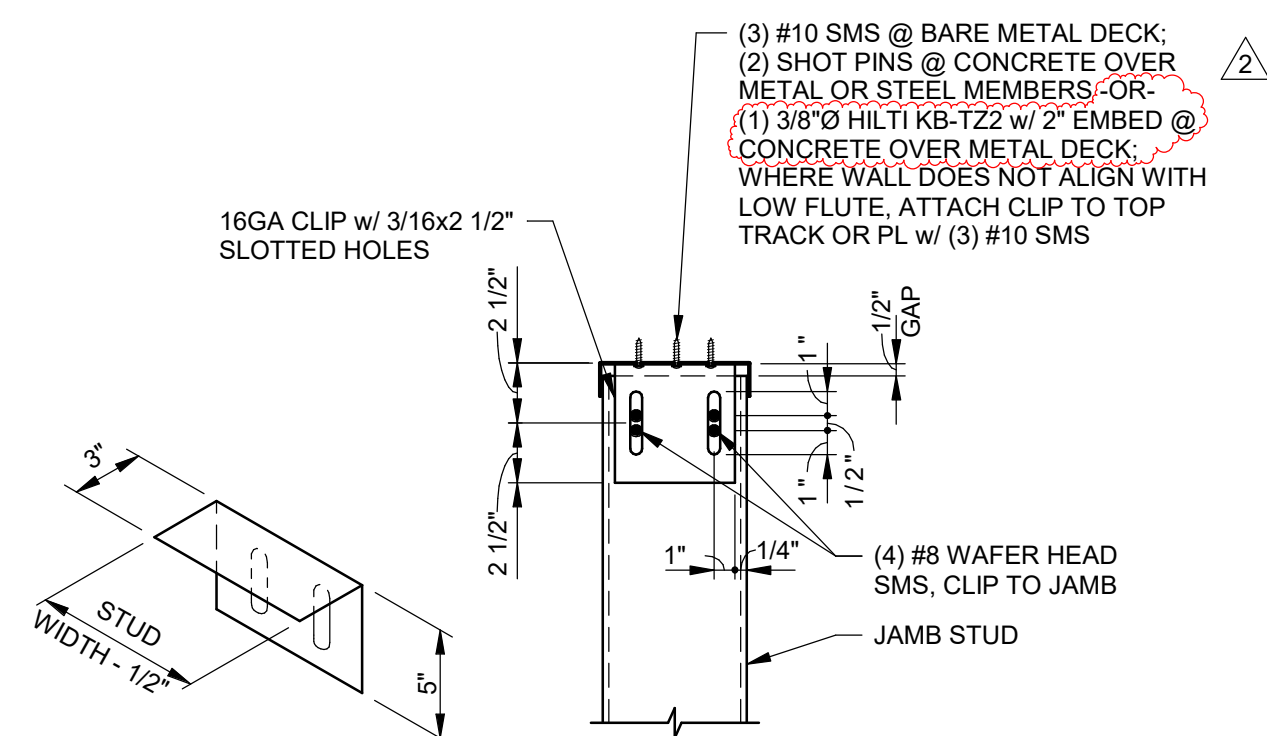
NOTES:

- SCHEDULE INDICATES TRACK ATTACHMENTS REQUIRED WHERE JAMB STUDS OCCUR. SEE TYPICAL SILL AND TOP TRACK ATTACHMENT DETAILS FOR BASIC ATTACHMENT METHODS (I.E. SHOT PINS, SMS, BOLTS, ETC.) & CONDITIONS BEYOND JAMB STUDS.
- LOCATE ALL REQUIRED ATTACHMENTS AS CLOSE TO JAMB STUDS AS POSSIBLE. MAINTAIN ALL FASTENER SPACING AND EDGE DISTANCE REQUIREMENTS. AT SHOT PINS, SEE TYPICAL NOTES. AT SMS, MAINTAIN 1.5 x DIAMETER MIN EDGE DISTANCE & SPACING. AT BOLTS, SPACE NO CLOSER THAN 12 DIAMETERS AND NO MORE THAN 9" FROM END OF TRACK.
- BOLTS SHOULD HAVE 4" EFFECTIVE EMBED DEPTH (MIN.) IN LIEU OF BOLTS. 1/2"Ø HILTI KB-T2Z BOLTS w/ 3 1/4" EFFECTIVE EMBED MAY BE USED.

DETAIL 1 NO SCALE
FULL HEIGHT INTERIOR
METAL STUD WALL
S-601

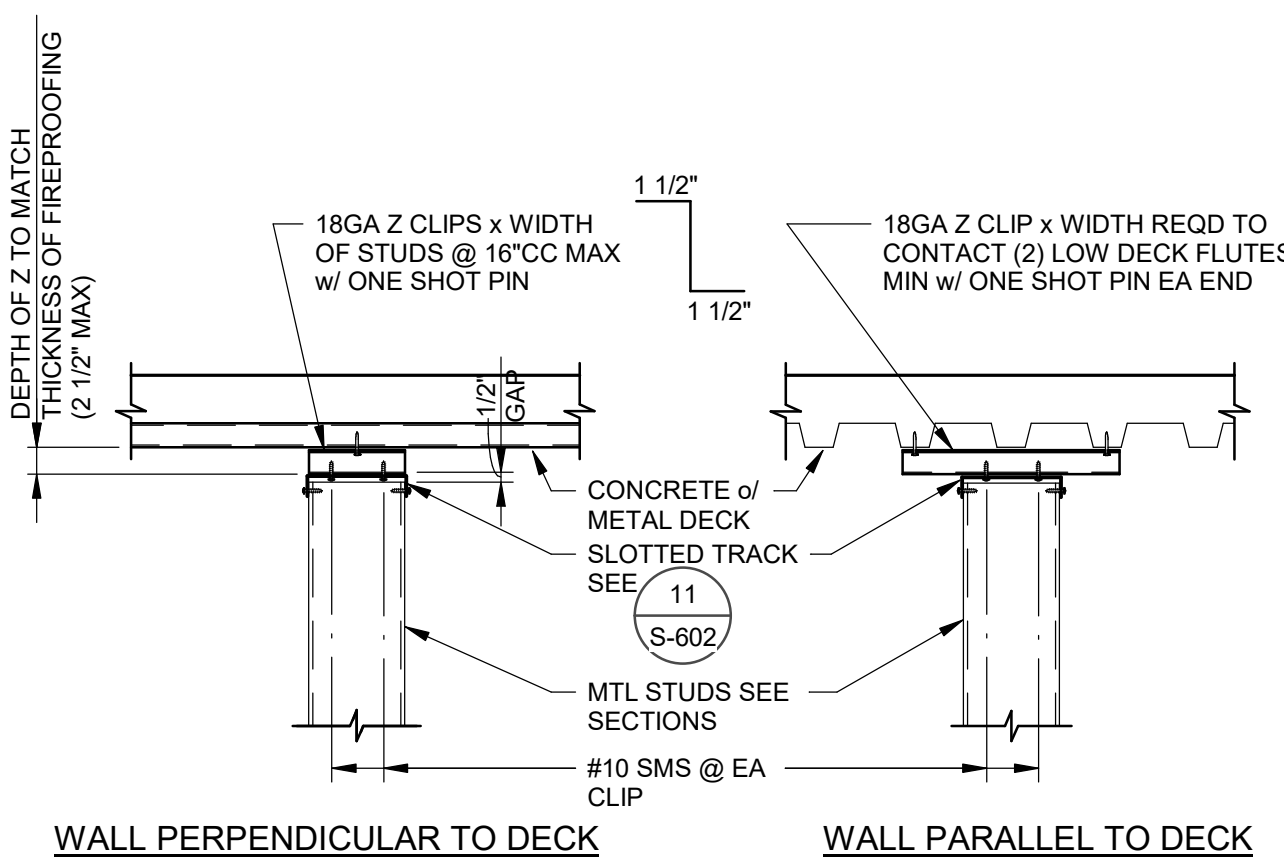
NOTES:

- WHERE WALL IS PARALLEL TO DECK, & WALL CL IS WITHIN 1 1/2" OF CL OF LOW DECK FLUTE, TOP TRACK MAY BE ATTACHED DIRECTLY TO DECK AS IN PERPENDICULAR COND & CONT PL MAY BE OMITTED.
- SEE SHOT PIN NOTES FOR SPACING, EDGE DISTANCE & PLACEMENT REQUIREMENTS.
- WHERE BARE METAL DECK OCCURS, ATTACH TRACK OR PL18GA TO DECK WITH #10 SMS @ 16" CC (2 SMS @ PL).
- FOR CONO @ JAMB STUDS SEE **S-601**.
- AT CONTR OPTION, SINGLE 3/8"Ø HILTI KB-T2Z w/ 2" EMBED MAY BE INSTALLED IN LIEU OF SHOTPIN(S).

DETAIL 3 NO SCALE
SLIP TRACK TO DECK w/
FILL w/o FIREPROOFING
S-601DETAIL 6 NO SCALE
SILL TRACK TO METAL
DECK w/ FILL
S-601

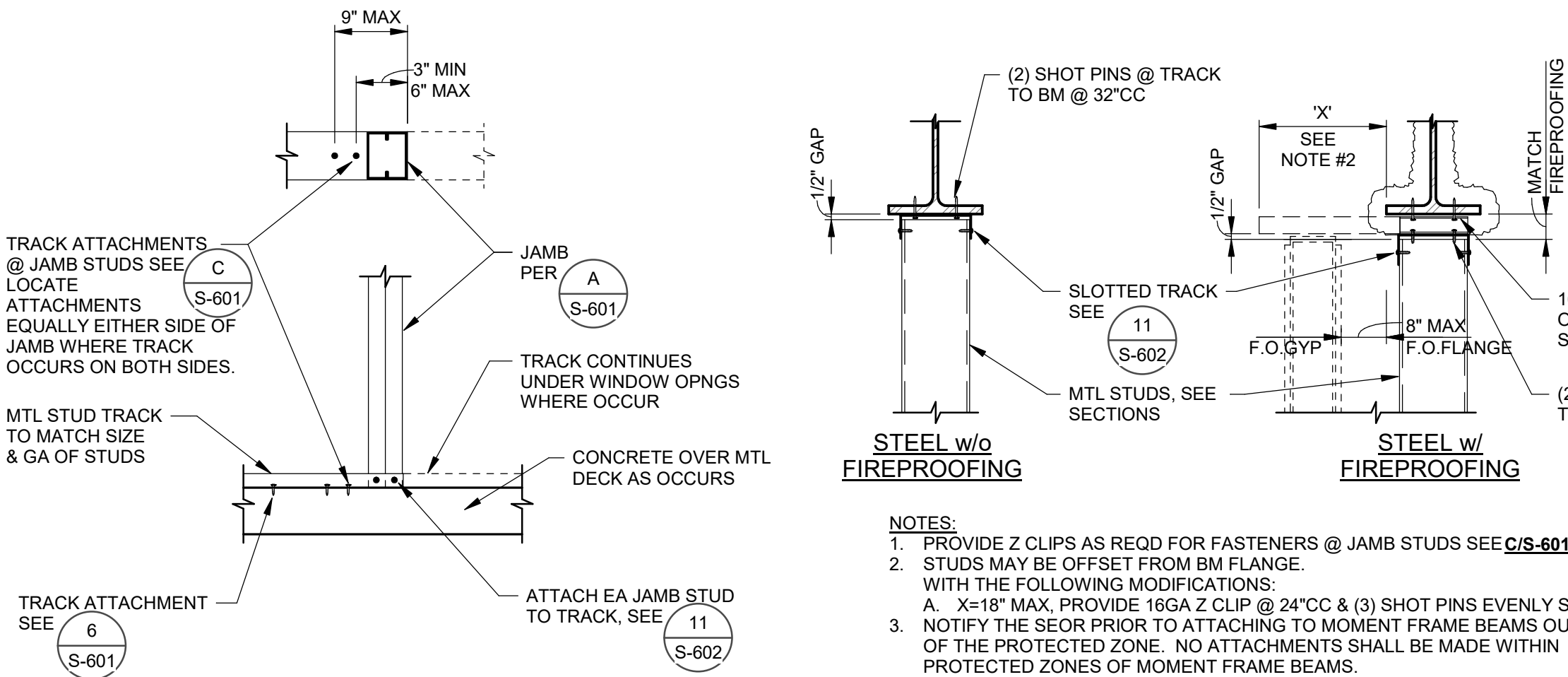
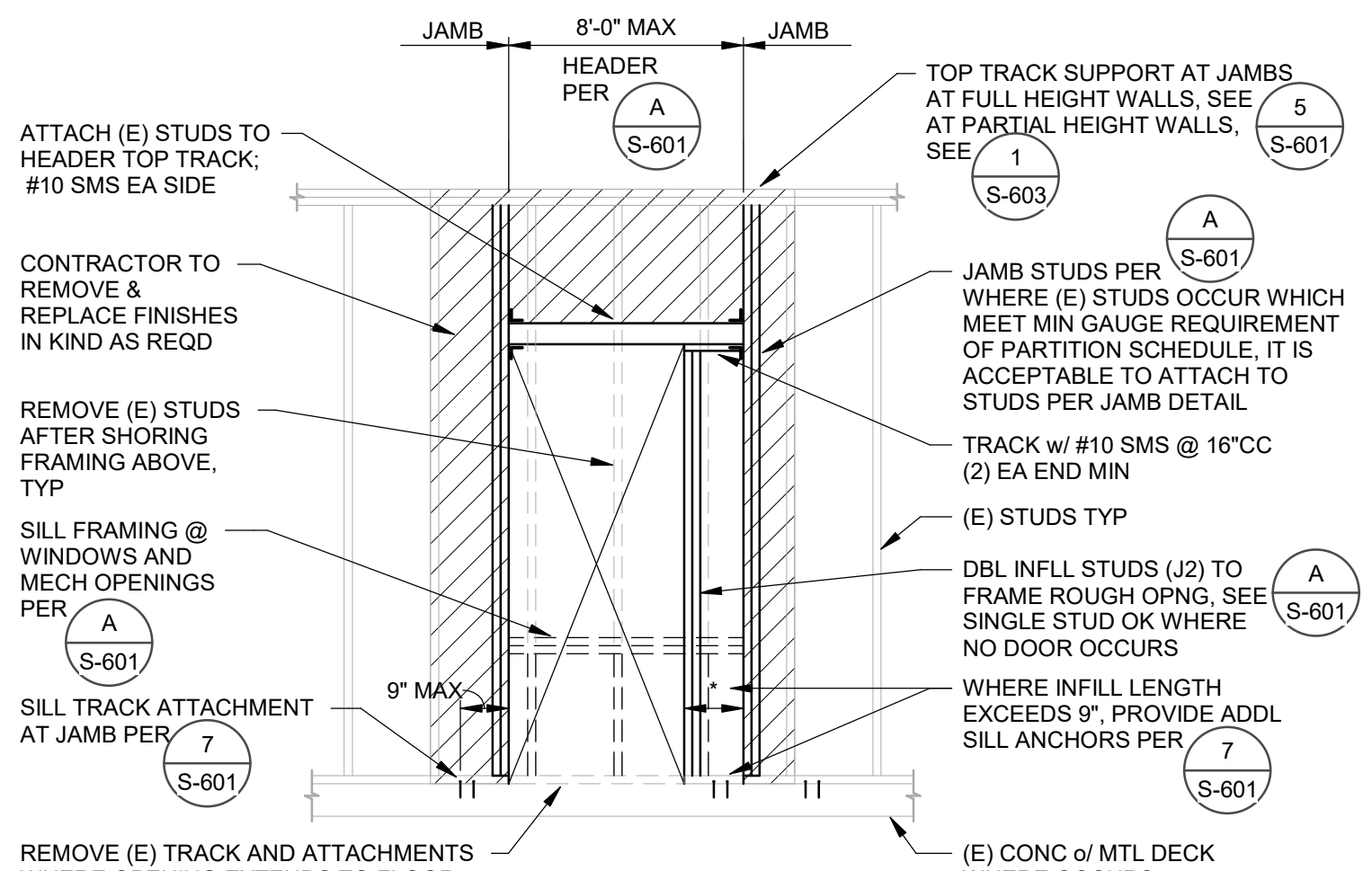
NOTES:

- PROVIDE CLIP AT ALL EXTERIOR WALL JAMB STUDS AT SLOTTED TRACKS. PROVIDE CLIP AT ALL INTERIOR WALL DEFLECTION TRACKS WHERE OPENING WIDTH IS GREATER THAN 8'-0" WIDE.
- CLIP TO OCCUR ONE SIDE OF J2 JAMBS, BOTH SIDES OF J3 & J4 JAMBS.

DETAIL 9 NO SCALE
JAMB STUD CLIP AT SLIP
TRACK
S-601

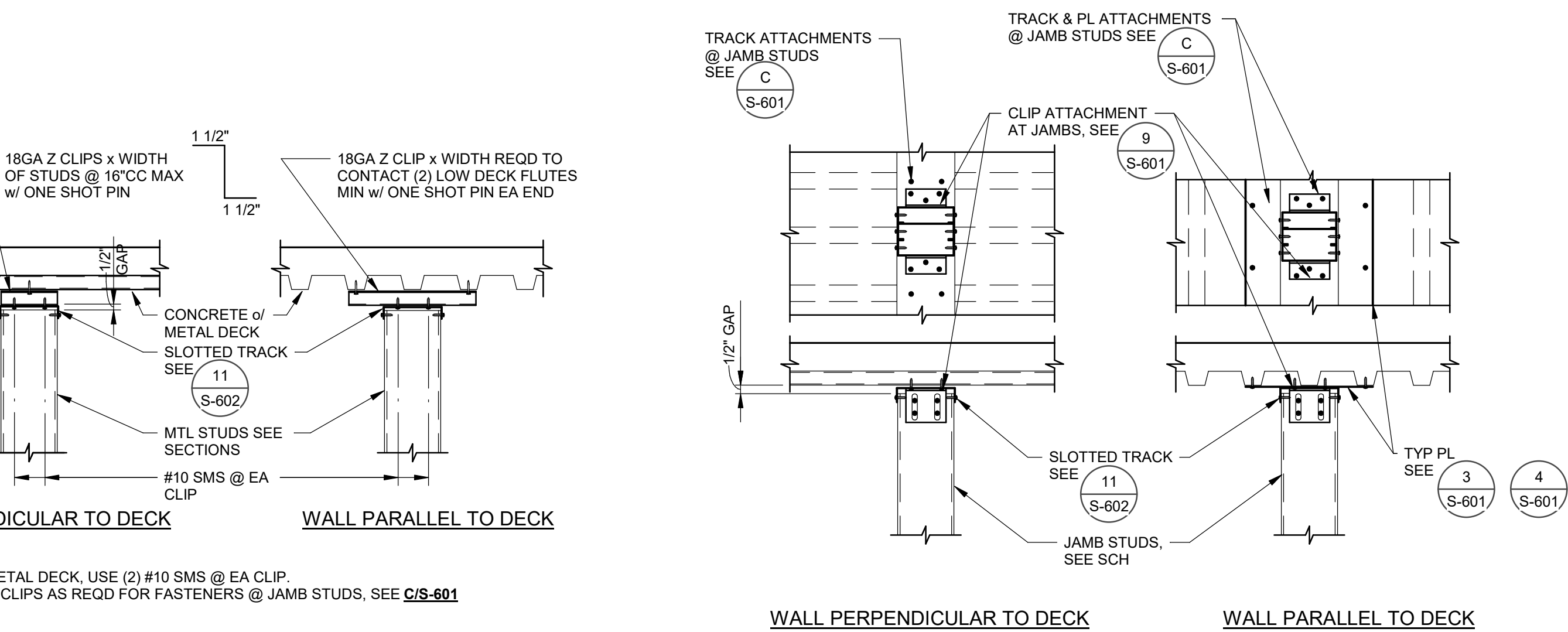
NOTES:

- AT BARE METAL DECK, USE (2) #10 SMS @ EA CLIP.
- PROVIDE Z CLIPS AS REQD FOR FASTENERS @ JAMB STUDS, SEE **C/S-601**.

DETAIL 4 NO SCALE
SLIP TRACK TO DECK w/
FILL w/ FIREPROOFING
S-601DETAIL 7 NO SCALE
JAMB STUD AT SILL
TRACK
S-601

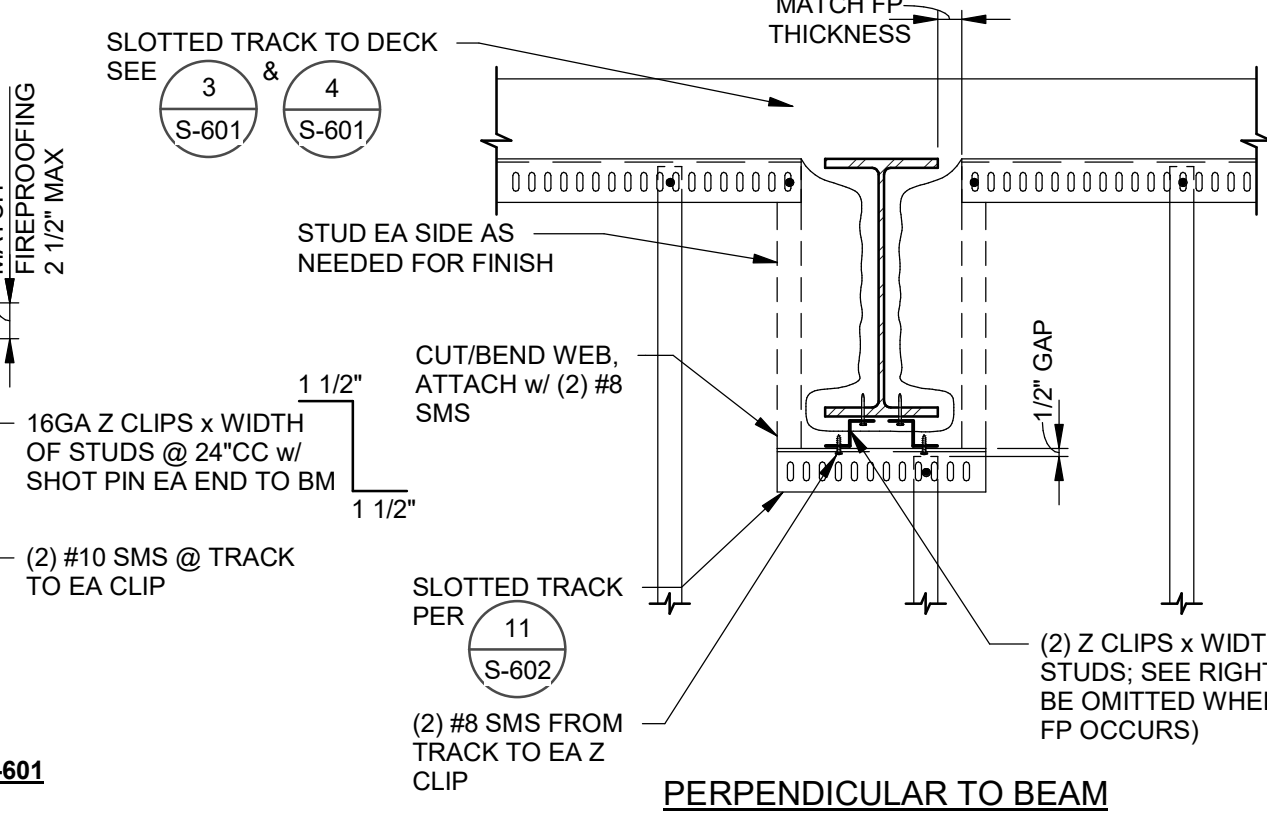
NOTE:

- STUD FRAMING TO MATCH DEPTH OF (E) STUDS w/ MIN GAUGE PER INTERIOR METAL STUD PARTITION SCHEDULE

DETAIL 10 NO SCALE
OPENING AT (E) WALL
S-601

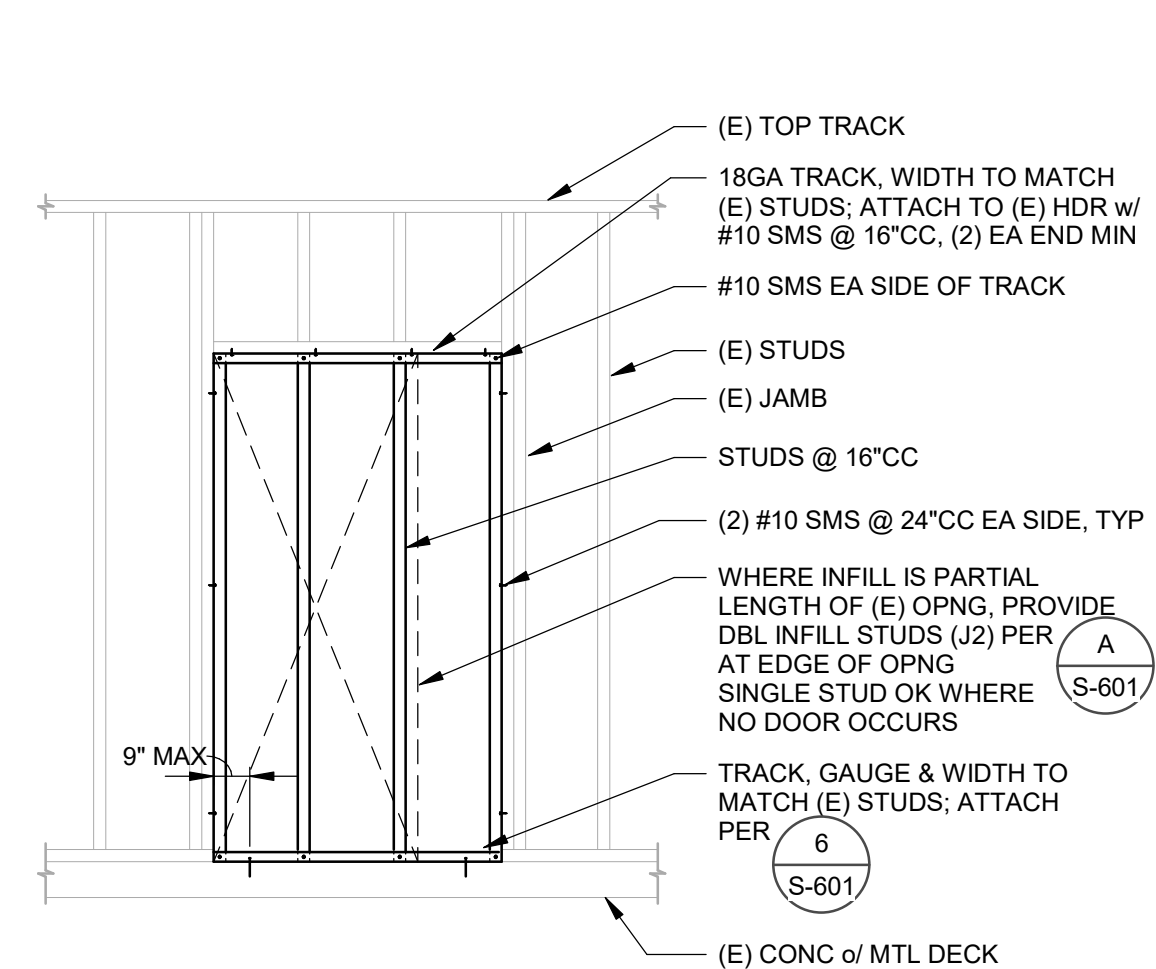
NOTES:

- AT BARE METAL DECK, USE (2) #10 SMS @ EA CLIP.
- PROVIDE Z CLIPS AS REQD FOR FASTENERS @ JAMB STUDS, SEE **C/S-601**.

DETAIL 4 NO SCALE
SLIP TRACK TO DECK w/
FILL w/ FIREPROOFING
S-601DETAIL 5 NO SCALE
JAMB STUD AT TOP
TRACK
S-601

NOTES:

- PROVIDE Z CLIPS AS REQD FOR FASTENERS @ JAMB STUDS SEE **C/S-601**.
- STUDS MAY BE OFFSET FROM BM FLANGE, WITH THE FOLLOWING MODIFICATIONS:
A. X=18" MAX, PROVIDE 16GA Z CLIP @ 24"CC & (3) SHOT PINS EVENLY SPACED WHERE "X">3".
- NOTIFY THE SEOR PRIOR TO ATTACHING TO MOMENT FRAME BEAMS OUTSIDE OF THE PROTECTED ZONE. NO ATTACHMENTS SHALL BE MADE WITHIN PROTECTED ZONES OF MOMENT FRAME BEAMS.

DETAIL 8 NO SCALE
SLIP TRACK TO WF BEAM
S-601

NOTE:

- STUD FRAMING TO MATCH DEPTH OF (E) STUDS w/ MIN GAUGE PER INTERIOR METAL STUD PARTITION SCHEDULE

DETAIL 11 NO SCALE
OPENING INFILL
S-601

DEPARTMENT OF HEALTHCARE ACCESS AND INFORMATION

nacht&lewis

600 Q Street, Suite 100
Sacramento, CA 95811
www.nachtlewis.com
916.329.4000



DESIGN PROFESSIONALS OF RECORD:</

SHEET INDEX	
M001	MECHANICAL LEGEND, NOTES AND SHEET INDEX
M002	MECHANICAL SCHEDULES
M111	PARTIAL 1ST FLOOR MECHANICAL AIR BALANCE PRECAUTIONS PLAN
M511	ENLARGED 1ST FLOOR MECHANICAL PLANS
M512	ENLARGED 2ND FLOOR MECHANICAL PLAN
M601	MECHANICAL DETAILS
M602	MECHANICAL DETAILS
M603	MECHANICAL DETAILS
M604	MECHANICAL DETAILS
M605	MECHANICAL DETAILS
M606	MECHANICAL DETAILS
M701	MECHANICAL CONTROLS

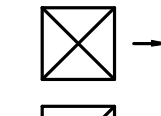
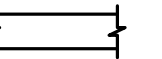
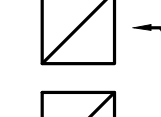
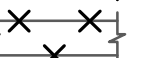
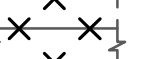
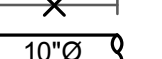
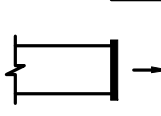
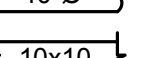
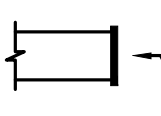
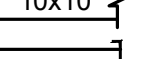
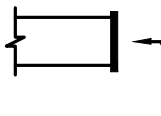
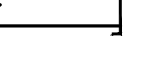
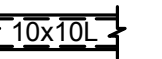
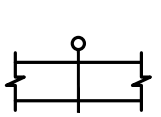
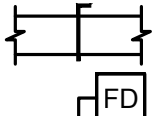
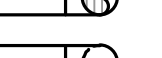
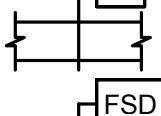
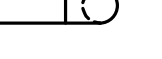
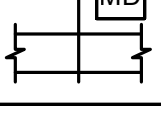
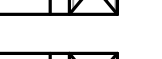
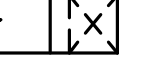
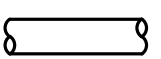
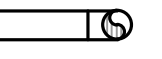
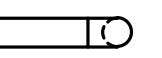
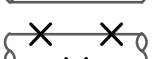
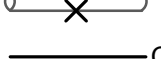
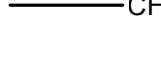
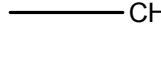
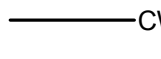
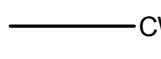
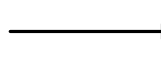
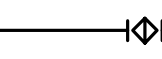
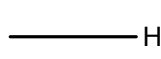
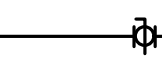
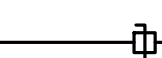
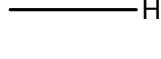
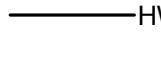
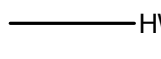
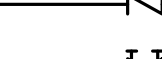
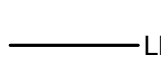
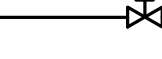
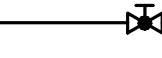
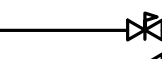
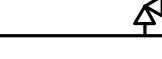
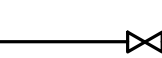
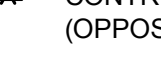
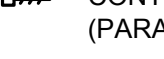
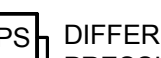
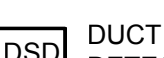
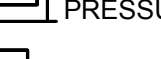
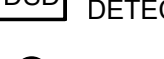
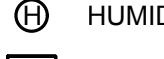
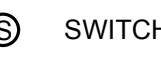
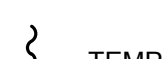
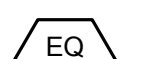
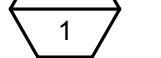
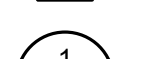
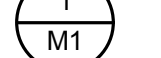
GENERAL NOTES

- CONTRACTOR SHALL VISIT SITE TO REVIEW SCOPE OF WORK PRIOR TO SUBMISSION OF BID.
- DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED TO DETERMINE EXACT PLACEMENT OF NEW WORK. VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD BEFORE PROCEEDING WITH WORK. EXACT PLACEMENT SHALL BE COORDINATED BASED ON ACTUAL FIELD MEASUREMENTS AND CONDITIONS.
- COORDINATE REQUIREMENTS OF NEW WORK WITH OTHER TRADES AND PROVIDE ALL NECESSARY APPURTENANCES AND INCIDENTAL LABOR, INCLUDING PARTS AND ACCESSORIES, CONNECTIONS, SYSTEM START-UP AND TESTING AS REQUIRED TO ACHIEVE A COMPLETE FULLY FUNCTIONING INSTALLATION READY FOR OPERATION.
- PRIOR TO FABRICATION, CONTRACTOR SHALL PREPARE FULLY COORDINATED DETAILED SHOP DRAWINGS (DRAWN TO SCALE) OF ALL PROJECT WORK AND SUBMIT TO THE OWNER'S REPRESENTATIVE FOR REVIEW AND APPROVAL. SHOP DRAWINGS SHALL INCLUDE DETAILED PLAN VIEW LAYOUTS (1/4" SCALE MINIMUM) SHOWING EQUIPMENT, DUCTWORK AND PIPING WITH DUCT AND PIPE SIZES AND ELEVATIONS ABOVE FINISHED FLOOR. COORDINATE WORK WITH OTHER TRADES AS REQUIRED TO ACHIEVE INTENDED ARCHITECTURAL ELEVATIONS.
- AVOID ROUTING PIPING ABOVE ELECTRICAL EQUIPMENT AND CABLE TRAYS. WHERE INSTALLATION OF PIPING ABOVE ELECTRICAL EQUIPMENT OR CABLE TRAYS IS UNAVOIDABLE, INSTALL PIPING WITH A MINIMUM NUMBER OF JOINTS, JOINTS, FITTINGS, VALVES OR SIMILAR COMPONENTS SHALL BE LOCATED A MINIMUM OF 36 INCHES FROM EACH SIDE OF EQUIPMENT OR TRAY. PROVIDE DRIP PAN(S) WITH MOISTURE DETECTION ABOVE CRITICAL EQUIPMENT.
- ALL WORK SHALL COMPLY WITH THE CALIFORNIA CODE OF REGULATIONS, TITLE 24 (2022 EDITION), INCLUDING THE CALIFORNIA BUILDING CODE (CBC), CALIFORNIA MECHANICAL CODE (CMC), CALIFORNIA PLUMBING CODE (CPC), CALIFORNIA FIRE CODE (CFC), CALIFORNIA GREEN BUILDING STANDARDS CODE, CALIFORNIA ENERGY CODE AND CALIFORNIA ELECTRICAL CODE.
- ALL WORK MUST BE PERFORMED IN ACCORDANCE WITH THE GENERAL CONDITIONS OF THE PRIME CONTRACT.
- CONSTRUCTION SHALL BE ORGANIZED IN SUCH A MANNER AS TO MINIMIZE DISRUPTION TO FACILITY OPERATIONS AND DISTURBANCE OF OCCUPANTS. NOTIFY OWNER'S REPRESENTATIVE A MINIMUM OF 48 HOURS IN ADVANCE OF ANY REQUIRED SYSTEM SHUTDOWNS, DISTURBANCE OF OR ENCROACHMENT INTO OCCUPIED AREAS. PERFORM ACTIVITIES SUCH AS MASONRY DRILLING AND SAWCUTTING ONLY DURING DESIGNATED HOURS; DAMPEN NOISE AND VIBRATION TRANSMITTED TO OCCUPIED AREAS TO THE GREATEST EXTENT POSSIBLE. MAINTAIN EGRESS FROM OCCUPIED AREAS AT ALL TIMES. DO NOT OBSTRUCT OR OTHERWISE IMPEDE PEDESTRIAN OR VEHICULAR TRAFFICWAYS CRITICAL TO THE ONGOING OPERATION OF THE FACILITY.
- CONTRACTOR SHALL COMPLY WITH THE FACILITY'S POLICIES AND PROCEDURES REGARDING CONTAINMENT/ISOLATION OF CONSTRUCTION AREAS AND ACTIVITIES THROUGHOUT CONSTRUCTION OF THE PROJECT. PROVIDE DUST PROTECTION CONSTRUCTION BARRIERS, AND/OR FILTRATION ON HVAC SYSTEM INLETS AS REQUIRED TO PROTECT OCCUPIED AREAS AND AFFECTED HVAC SYSTEMS FROM CONTAMINATION BY AIRBORNE POLLUTANTS (INCLUDING DUST, SMOKE, FUMES AND ODORS) GENERATED BY CONSTRUCTION ACTIVITIES.
- MEANS, METHODS AND TIMING OF WORK SHALL BE COORDINATED WITH AND APPROVED BY THE OWNER'S REPRESENTATIVE INsofar AS THEY AFFECT FACILITY OPERATIONS. MEANS AND METHODS ARE STILL SUBJECT TO ACCEPTANCE BY THE AUTHORITY HAVING JURISDICTION AND MUST COMPLY WITH DESIGN AND CODE INTENT.
- PRE-APPROVED PIPES, DUCTS, AND CONDUITS SEISMIC BRACING
 - THE CONTRACTOR SHALL PROVIDE LAYOUT DRAWINGS OF THE SUPPORTS, ATTACHMENTS, AND BRACING SYSTEMS IN ACCORDANCE WITH THE SELECTED HCAI PRE-APPROVED SYSTEM AND SHALL BE SUBMITTED TO THE REGISTERED DESIGN PROFESSIONAL (RDP) IN RESPONSIBLE CHARGE OF THE PROJECT FOR REVIEW TO VERIFY THAT THE DETAILS ARE IN CONFORMANCE WITH THE CODE REQUIREMENTS. THE LAYOUT DRAWINGS SHALL AS A MINIMUM SATISFY THE REQUIREMENTS OF ASCE 7 SECTION 13.6 AS MODIFIED BY THE CBC 2022 SECTION 1617A.
 - THE STRUCTURAL ENGINEER OF RECORD (SEOR) SHALL VERIFY THAT THE SUPPORTING STRUCTURE IS ADEQUATE FOR THE FORCES IMPOSED ON IT BY THE SUPPORTS, ATTACHMENTS, AND BRACES INSTALLED IN ACCORDANCE WITH THE PRE-APPROVAL IN ADDITION TO ALL OTHER LOADS.
 - THE SEOR SHALL FORWARD THE SUPPORTS, ATTACHMENTS, AND BRACING DRAWINGS (INCLUDING APPROVED AMENDED CONSTRUCTION DOCUMENTS FOR SUPPLEMENTARY FRAMING WHERE REQUIRED) TO THE DISCIPLINE IN RESPONSIBLE CHARGE WITH A NOTATION INDICATING THAT THE DRAWINGS HAVE BEEN REVIEWED AND ARE IN GENERAL CONFORMANCE WITH THE PRE-DESIGN AND THE DESIGN OF THE PROJECT.
 - A "SHOP DRAWING STAMP" MAY BE USED TO INDICATE COMPLIANCE WITH THIS REQUIREMENT.
 - THE REGISTERED DESIGN PROFESSIONAL (RDP) OTHER THAN SEOR, MAY PROVIDE THE SHOP DRAWING STAMP FOR SMALL PROJECTS AT THE DISCRETION OF THE HCAI DISTRICT STRUCTURAL ENGINEER.
- THE SEOR SHALL DESIGN ANY SUPPLEMENTARY FRAMING THAT IS NEEDED TO RESIST THE LOADS, MAINTAIN STABILITY AND/OR IS REQUIRED FOR INSTALLATION OF PRE-APPROVED SYSTEM.
 - THE SUPPLEMENTARY FRAMING SHALL BE SUBMITTED TO HCAI AS AN AMENDED CONSTRUCTION DOCUMENTS (ACD).
- THE LAYOUT DRAWINGS (WITH THE SHOP DRAWING STAMP) SHALL BE SUBMITTED TO HCAI TO REVIEW:
 - STRUCTURE SUPPORTING THE DISTRIBUTION SYSTEM HAS ADEQUATE CAPACITY.
 - SEISMIC DESIGN FORCES (FP) ARE IN ACCORDANCE WITH THE CBC 2022.
 - VERIFY THAT SUBMITTAL IS WITHIN THE SCOPE OF HCAI PRE-APPROVAL OF MANUFACTURER'S CERTIFICATION (OPM).
- REFER TO STRUCTURAL DRAWINGS FOR SEISMIC CRITERIA.
- THE EQUIPMENT MANUFACTURERS AND MODELS SPECIFIED ON THE DRAWINGS SERVE AS THE BASIS OF DESIGN. NO SUBSTITUTIONS OF ANY EQUIPMENT ARE ALLOWED WITHOUT OBTAINING APPROVAL FROM THE OWNERS REPRESENTATIVE. ANY PROPOSED SUBSTITUTIONS MUST BE FROM ONE OF THE ALTERNATE MANUFACTURERS LISTED IN THE SPECIFICATIONS; MUST MATCH THE PHYSICAL CONFIGURATION AND REQUIREMENTS OF THE SPECIFIED MODEL INCLUDING OVERALL DIMENSIONS, INLET AND OUTLET CONFIGURATION, REQUIRED CLEARANCES, ACCESS AND POWER REQUIREMENTS; AND MUST MEET SEISMIC CERTIFICATION REQUIREMENTS WHERE MANDATED BY THE AUTHORITY HAVING JURISDICTION. PERFORMANCE FEATURES AND CONSTRUCTION OF ANY PROPOSED SUBSTITUTION SHALL MEET OR EXCEED THOSE SPECIFIED ON THE DRAWINGS AND IN THE SPECIFICATIONS. STRUCTURAL ENGINEERING CALCULATIONS FOR EQUIPMENT SUPPORT AND ANCHORAGE SHALL BE SUBMITTED BY THE CONTRACTOR AT THE TIME OF SUBMITTAL OF ANY SUBSTITUTION FOR REVIEW BY THE ARCHITECT, MECHANICAL AND STRUCTURAL ENGINEERS OF RECORD, AND HCAI FIELD PERSONNEL. SUBSTITUTIONS REQUIRING CHANGES TO THE CONTRACT DOCUMENTS BY MEANS OF A CHANGE ORDER ARE NOT ALLOWED.
- WHERE EXISTING UTILITIES NOT SHOWN ON THE DRAWINGS ARE ENCOUNTERED, NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY. SUPPORT AND PROTECT UTILITIES UNTIL PROVISIONS CAN BE MADE FOR RELOCATION OR OTHER SOLUTION.
- CUTTING AND DEMOLITION WORK SHALL NOT COMPROMISE STRUCTURAL INTEGRITY OF THE EXISTING CONSTRUCTION OR DAMAGE PORTIONS OF EXISTING WORK TO REMAIN.
- OWNER RESERVES THE RIGHT TO RETAIN ALL MATERIALS AND EQUIPMENT REMOVED FROM THE PROJECT. ANY ITEMS OR MATERIALS NOT DESIRED BY THE OWNER SHALL BE REMOVED FROM THE OWNER'S PROPERTY BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
- COORDINATE METHOD, ROUTE AND TIMING OF MATERIAL AND DEBRIS REMOVAL WITH OWNER'S REPRESENTATIVE PRIOR TO ANY REMOVAL.
- PATCH AND REPAIR ANY DAMAGE TO WALLS, FLOORS, CEILINGS, CABINETS, HARDWARE, WINDOWS, FIXTURES, ETC. RESULTING FROM PROJECT WORK. REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR DRYWALL AND FINISH PATCHWORK AND REPAIR REQUIREMENTS. MATCH EXISTING FINISHES AS CLOSELY AS POSSIBLE UNLESS NOTED OTHERWISE. PATCHES AND REPAIRS SHALL RESTORE FINISH TO "LIKE NEW" CONDITION.
- SEAL AND PROTECT ALL PIPE, DUCT AND CONDUIT PENETRATIONS OF FLOORS, WALLS, CEILINGS AND ROOF. METHODS AND MATERIALS USED FOR TREATMENT OF PENETRATIONS THROUGH RATED ASSEMBLIES SHALL BE U.L. AND FIRE MARSHAL APPROVED.
- ALL LOCATIONS FOR SAW-CUTTING OF CONCRETE SLABS, CORING OF CONCRETE SURFACES, DRILLING FOR ANCHOR BOLTS, ETC. SHALL BE COORDINATED WITH AND APPROVED BY A CALIFORNIA LICENSED STRUCTURAL ENGINEER PRIOR TO COMMENCING WORK.
- ALL ROOFING AND FLASHING ELEMENTS SHOWN ON THESE DRAWINGS ARE FOR REFERENCE ONLY. CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS FOR ALL ROOFING AND FLASHING DETAILS.
- CONTRACTOR MAY SUBSTITUTE NEW ROUND OR RECTANGULAR DUCT SHOWN ON PLANS WITH ROUND OR RECTANGULAR DUCT OF EQUIVALENT OR GREATER CROSS-SECTIONAL AREA. CONTRACTOR TO INDICATE ON SHOP DRAWING SUBMITTAL WHERE SUCH SUBSTITUTIONS OCCUR. CONTRACTOR TO BE RESPONSIBLE FOR RE-ENGINEERING ALL DUCTWORK SUPPORTS FOR SUBSTITUTED DUCTWORK.
- CONTRACTOR SHALL COORDINATE FINAL THERMOSTAT LOCATIONS WITH OTHER TRADES, INCLUDING ARCHITECTURAL, ELECTRICAL AND FIRE ALARM.
- CONTRACTOR SHALL LABEL ALL VALVES SEQUENTIALLY USING THE EXISTING FACILITY TAG INVENTORY LIST. USE METAL TAGS. TAGS SHALL TO BE 2" DIAMETER AND FABRICATED OF BRASS OR STAINLESS STEEL. TAGS SHALL BE ATTACHED WITH JACK CHAIN MADE FROM THE SAME MATERIAL.
- MECHANICAL EQUIPMENT TAGS USED WITHIN THESE PROJECT DRAWINGS ARE GENERIC FOR PROJECT DOCUMENT DEVELOPMENT AND DESIGN TEAM COORDINATION. CONTRACTOR SHALL COORDINATE THE PREFERRED EQUIPMENT TAGS/NAMING WITH THE UNIVERSITY OF CALIFORNIA ENGINEERS OF RECORD, AND HCAI FIELD PERSONNEL. SUBSTITUTIONS REQUIRING CHANGES TO THE CONTRACT RECORD DRAWINGS SUBMITTAL AT PROJECT COMPLETION.
- ALL NEW WASTE PIPING SHALL BE SLOPED UNIFORMLY BETWEEN THE UPPER TERMINAL OF THE WASTE SYSTEM AND/OR SITE PIPING NOT LESS THAN 1/2" PER FOOT, UNLESS OTHERWISE NOTED. WHERE SLOPES LESS THAN 1/2" PER FOOT ARE INDICATED, THE NEW PIPING SHALL BE SLOPED TO ACHIEVE THE MAXIMUM SLOPE POSSIBLE, BUT NOT LESS THAN INDICATED OR ALLOWED BY CODE.

HCAI INTENT NOTE

THE INTENT OF THE CONSTRUCTION DOCUMENTS IS TO RECONSTRUCT THE HOSPITAL BUILDING IN ACCORDANCE WITH THE 2022 CBC. SHOULD ANY CONDITIONS DEVELOP NOT COVERED BY THE APPROVED CONSTRUCTION DOCUMENTS, WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH THE 2022 CBC, AMENDED CONSTRUCTION DOCUMENTS (ACDs) DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY HCAI BEFORE PROCEEDING WITH THE WORK.

MECHANICAL LEGEND

ABBREVIATIONS			
AC AFF AHU ARCH	ABOVE CEILING ABOVE FINISHED FLOOR AIR HANDLING UNIT ARCHITECT	HC HEX HP HPR HPS HRP HRR HRS HVAC HWP HWR HWS	HEATING COIL HEAT EXCHANGER HORSEPOWER HIGH PRESSURE CONDENSATE RETURN HIGH PRESSURE STEAM, ABOVE 60 PSIG HEAT RECOVERY PUMP HEAT RECOVERY RETURN HEAT RECOVERY SUPPLY HEATING VENTILATION & AIR CONDITIONING HEATING WATER RETURN HEATING WATER SUPPLY
CA CAV CD CFM CHWP CHWR CHWS CU CWP CWR CWS	COMPRESSED AIR CONSTANT AIR VOLUME CONDENSATE DRAIN CUBIC FEET PER MINUTE CHILLED WATER PUMP CHILLED WATER RETURN CHILLED WATER SUPPLY CONDENSING UNIT CONDENSER WATER PUMP CONDENSER WATER RETURN CONDENSER WATER SUPPLY	IWC KW LAT LBS LP LPR LPS LWT	INCHES OF WATER COLUMN KILOWATTS LEAVING AIR TEMPERATURE POUNDS LOW PRESSURE LOW PRESSURE CONDENSATE RETURN LOW PRESSURE STEAM, 5-15 PSIG LEAVING WATER TEMPERATURE
DET DIA DN DSD DWG	DETAIL DIAMETER DOWN DUCT SMOKE DETECTOR DRAWING	MAX MBH MCC MD MFR MIN MISC MPR MPS MVD	MAXIMUM 1,000 BRITISH THERMAL UNITS PER HOUR MOTOR CONTROL CENTER MOTORIZED DAMPER MANUFACTURER MINIMUM MISCELLANEOUS MEDIUM PRESSURE CONDENSATE RETURN MEDIUM PRESSURE STEAM, 16-59 PSIG MANUAL VOLUME DAMPER
(E) (ER) EA EAT EF ESP EWT	EXISTING EXISTING RELOCATED EXHAUST AIR ENTERING AIR TEMPERATURE EXHAUST FAN EXTERNAL STATIC PRESSURE ENTERING WATER TEMPERATURE	(N) NC NFPA NFCU FD FLR FFM FS FSD FT	NEW NORMALLY CLOSED NATIONAL FIRE PROTECTION ASSOCIATION NOT IN CONTRACT NORMALLY OPEN NOT TO SCALE OUTSIDE AIR ON CENTER PRE FILTER PHASE PLUMBING POINT OF CONNECTION
FA FB FCU FD FLR FFM FS FSD FT	FROM ABOVE FROM BELOW FAN COIL UNIT FIRE DAMPER FLOOR FEET PER MINUTE FLOW SWITCH FIRE SMOKE DAMPER FEET	OA OC PF PH PLBG POC	OUTSIDE AIR ON CENTER PRE FILTER PHASE PLUMBING POINT OF CONNECTION
GPH GPM	GALLONS PER HOUR GALLONS PER MINUTE		
DUCTWORK			
CEILING GRILLE, DIFFUSER AND REGISTER		DUCT AND DUCT FITTINGS	
 10x10 S1 250F (TYP. 2)		 NEW DUCT	
 10x10 R1 250F (TYP. 2)		 EXISTING DUCT	
 10x10 E1 250F (TYP. 2)		 DUCT TO BE DEMOLISHED	
SIDEWALL GRILLE, DIFFUSER AND REGISTER		 ROUND DUCT	
 10x10 S1 250F (TYP. 2)		 RECTANGULAR DUCT	
 10x10 R1 250F (TYP. 2)		 CAPPED DUCT	
 10x10 E1 250F (TYP. 2)		 ACOUSTICALLY LINED, OUTSIDE DIMENSIONS	
DAMPERS		 ROUND AIR DUCT RISE	
 BACKDRAFT DAMPER		 ROUND AIR DUCT DROP	
 VOLUME DAMPER, MANUAL		 SUPPLY AIR DUCT RISE	
 FIRE DAMPER		 SUPPLY AIR DUCT DROP	
 FIRE SMOKE DAMPER		 RETURN AIR DUCT RISE	
 MOTORIZED DAMPER		 RETURN AIR DUCT DROP	
		 EXHAUST AIR DUCT RISE	
		 EXHAUST AIR DUCT DROP	
PIPING		CONTROLS	
PIPES		PIPE FITTINGS	
 NEW PIPE		 PIPE RISE/ELBOW UP	
 EXISTING PIPE		 PIPE DROP/ELBOW DOWN	
 PIPE TO BE DEMOLISHED		 PIPE RISE/DROP TOP CONNECTION	
 CD		 PIPE RISE/DROP BOTTOM CONNECTION	
 CHWR		 FLANGE CONNECTION	
 CHWS		 UNION CONNECTION	
 CWR		 CAPPED PIPE	
 CWS		 REDUCER	
 FLOW DIRECTION		VALVES	
 HPR		 ANGLE VALVE	
 HPS		 BALANCING VALVE	
 HRR		 BALL VALVE	
 HRS		 BUTTERFLY VALVE	
 HWR		 CONTROL VALVE 2-WAY	
 HWS		 CONTROL VALVE 3-WAY	
 LPR		 CHECK VALVE, DIRECTION	
 LPS		 FLOW CONTROL VALVE	
 MPR		 GATE VALVE	
 MPS		 GLOBE VALVE	
		 PRESSURE REDUCING VALVE	
		 PRESSURE RELIEF VALVE	
		 SHUT-OFF VALVE	
		 SOLENOID VALVE	
		 STEAM TRAP	
		 AUTOMATIC CONTROL DAMPER (OPPOSED BLADE)	
		 AUTOMATIC CONTROL DAMPER (PARALLEL BLADE)	
		 DIFFERENTIAL PRESSURE SWITCH	
		 DUCT SMOKE DETECTOR	
		 FLOW SWITCH	
		 HUMIDISTAT	
		 PRESSURE GAUGE	
		 PRESSURE SWITCH	
		 SWITCH	
		 TEMPERATURE SENSOR	
		 THERMOMETER	
		 THERMOSTAT WITH ZONE	
		 VARIABLE FREQUENCY DRIVE	
		 PRESSURE TRANSDUCER	
		GENERAL	
		 NEW WORK SHEET NOTE	
		 DEMOLITION SHEET NOTE	
		 AIR BALANCE TAG	
		 REVISION DELTA	
		 EQUIPMENT TYPE	
		 EQUIPMENT NUMBER	
		 DETAIL NUMBER	
		 SHEET DETAIL NUMBER	
		 NORTH ARROW	
		 SEISMIC OPM TAG	
		 PRE-APPROVED OPM-0043-13	
		 DETAIL OR SHEET DETAIL NUMBER	
		 PIPE MATERIAL: S-STEEL, C-CAST, CU-COPPER	
		 PIPE SIZE	
		 LOCATION OF BRACE IN PLAN	

DEPARTMENT OF HEALTHCARE ACCESS AND INFORMATION

nacht&lewis

800 Q Street, Suite 100
Sacramento, CA 95811
www.nachtlewis.com
916.329.4000



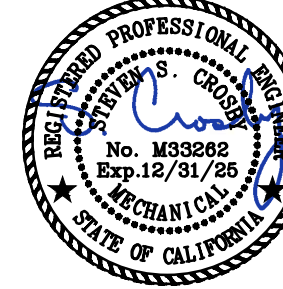
DESIGN PROFESSIONALS OF RECORD:

**UCDAVIS
HEALTH**

Facilities Division & Construction
4800 2nd Avenue Suite 2010
Sacramento, California 95817
(916) 724-7000

**R&A
ENGINEERING SOLUTIONS**

Professional Engineer
No. 003898
Exp. 12/31/2024
501 University Avenue, Suite 205, Sacramento, CA 95833
Tel. (916) 922-0265 Fax. (916) 922-9239
Web Site: www.ra-engineering.com
Lic. No. 555 Designer / Draftsman: AMARER



CONSULTANT LOGO:

REV	REVISION DESCRIPTION	DATE
1	BACKCHECK 1	11/1/24
2	ADDENDUM 1 (ACD-001)	10/17/25

DIFFUSER AND GRILLE SCHEDULE									
TAG	MANUFACTURER	MODEL NO.	TYPE	DESCRIPTION	BORDER	FINISH	OBD	NOTES:	
S1	TITUS	MCD	SUPPLY	MODULAR CORE	LAY-IN	WHITE	NO	① ②	
R1	TITUS	PAR	RETURN	PERFORATED	LAY-IN	WHITE	NO	①	
E1	TITUS	PAR	EXHAUST	PERFORATED	LAY-IN	WHITE	NO	①	
NOTES:									
① NECK SIZES AS SHOWN.									
② ALL DIFFUSERS USE 4-WAY BLOW UNLESS OTHERWISE INDICATED BY BLOW ARROWS.									

CAV AIR TERMINAL SCHEDULE											
TAG	INLET SIZE	COOLING CFM	HEATING CFM	OUTLET WxH	COIL SIZE WxH	AIRSIDE DELTA P	HEATING GPM	WATER SIDE DELTA P	NO. ROWS	INLET SIZE	NOTES:
CAV-1	10"	500	500	14 x 12.5	14x12.5	1.0	1.5	.5	2	1/2	①②④
CAV-2	12"	1,000	N/A	14 x 12.5	N/A	N/A	N/A	N/A	N/A	N/A	①③④
NOTES:											
① "TITUS" MODEL DESV. 											
② HEATING WATER INLET TEMP. 180° LEAVING TEMP. 40°.											
③ CAV BOX WITH NO COIL. 											
④ ELECTRICAL SUPPLY TO THE CONTROLS SHALL BE CONNECTED TO ESSENTIAL POWER. 											

REHEAT COIL SCHEDULE													
TAG	MANF. MODEL	MANF. MODEL	COIL SIZE WxH	CFM	AIRSIDE DELTA P	HEATING MBH	EAT (°F)	LAT (°F)	HEATING GPM	WATER SIDE DELTA P FT. H2O	NO. ROWS	WEIGHT (LBS)	NOTES:
RHC-1	GREENHECK	HW58S01A13	18X20	1990	24	53	60	85	3.1	5	1	19	①②③④
RHC-2	GREENHECK	HW58S01A13	18X20	1990	24	53	60	85	3.1	5	1	19	①②③④
NOTES: ①													
① HEATING WATER 180/145°F ②													
② DDC CONTROLLER, REHEAT COIL VALVE AND ROOM SENSOR PROVIDED BY CONTROLS CONTRACTOR. REFERENCE SHEET M701.													
③ SEE DETAIL 2/M603 FOR SUPPORT DETAIL. ④													
④ ELECTRICAL SUPPLY TO THE CONTROLS SHALL BE CONNECTED TO ESSENTIAL POWER.													

CHILLED WATER FAN COIL UNIT SCHEDULE															
TAG	MANUFACTURER	MODEL NO.	SYS. TOTAL CAP. (MBH)	SYS. SENS. CAP. (MBH)	WATER REQUIREMENTS			UNIT ELECTRICAL DATA				CFM	EXT. STATIC (IN. W.C.)	UNIT OPER. WEIGHT (LBS.)	NOTES
					GPM	WPD (F.W.C.)	EWTL/WT °F	VOLTS	PHASE	FLA	HP				
FCU 1	PRICE	BCH 40	62.7	53.6	10.4	2.92	42"/54"	115	1	25.60	(1) X2	1,990	1.7	705	12345
FCU 2	PRICE	BCH 40	62.7	53.6	10.4	2.92	42"/54"	115	1	25.60	(1) X2	1,990	1.7	705	12345
NOTES:															
1 COOLING CAPACITY BASED UPON EAT 71.5°F DB, 58.2°F WB & 42°F EWT INTO COOLING COIL.															
2 CHILLED WATER CONTROL VALVE SHALL BE 2-WAY MODULATING. SEE CONTROL VALVE SCHEDULE.															
3 PROVIDE WITH 2" MERV 6, 35% PLEATED FILTERS, PER CMC 408.2.4. OSA FOR FCU'S IS SERVED FROM (AHU-11) AND IS A 100% OSA UNIT WITH 30% PRE-FILTERS AND 90% FINAL FILTERS. REFER TO PARTIAL AIR BALANCE SCHEDULE BELOW FOR ADDITIONAL INFORMATION.															
4 UNIT SHALL BE CONNECTED TO EMERGENCY POWER, AND SHALL BE TIED INTO THE FIRE ALARM SYSTEM FOR UNIT SHUT-DOWN, REFER TO ELECTRICAL AND FIRE ALARM SYSTEM PLANS FOR ADDITIONAL INFO.															
5 UNIT SUPPLIED SHALL COMPLY WITH HCAI SEISMIC CERTIFICATION OSP-0378.															

PARTIAL AIR BALANCE SCHEDULE (AHU-11, EF-12 & FCU-1 & 2)															
ROOM NAME		2022 CMC				2022 CMC CODE CALCULATIONS							DESIGN AIR FLOW		
TABLE 4A EQUIVALENT		AREA SQ. FT.	CLG. HT. FT.	VOLUME CU. FT.	REL. PRESS.	ROOM EXHAUST	AC/HR	TOTAL CFM	OA AC/HR	OA CFM	SA CFM	RA CFM	EA CFM	TA CFM	
CT Scan Room – 1P742	CT SCAN	507	8	4056	NR	NR	6	406	2	135	1,990	1,490	500	0	
CT Scan Room – 1P745	CT SCAN	479	8	3832	NR	NR	6	383	2	128	1,990	1,490	500	0	
Control Area – 1P740	CT SCAN	392	9	3528	NR	NR	6	353	2	118	500	0	475	-25	
(E) Patient Toilet Room – 1P741	TOILET ROOM	62	8.5	527	Negative	YES	10	88	NR		90	0	115	+25	
Reading Room 1P743	NO TABLE 4-A EQUIVALENT; VENTILATION PER ASHRAE 62.1	482	9	4338	NR	NR	0	0	0	41	435	0	435	0	
(E) DX QC Work Area – 1P740B	NO TABLE 4-A EQUIVALENT; VENTILATION PER ASHRAE 62.1	322	9	2898	NR	NR	0	0	0	27	255	0	255	0	
TOTAL										5,260	2,980	2,280	0		
AIR BALANCE SCHEDULE NOTES: EQUIPMENT IS LOCATED IN MEZZANINE MECHANICAL ROOM, ON 2ND FLOOR. EXISTING AHU-11 & EF-12 ARE CONSTANT VOLUME W/ VFD MOTORS. SUPPLIED POWER IS FROM EMERGENCY POWER BRANCH CIRCUIT (TYP). AHU IS 100% OUTSIDE AIR UNIT WITH 30% PRE FILTERS & 90% FINAL FILTERS SECTION. AHU-11 SUPPLIES OSA TO NEW FAN COIL UNITS 1 & 2 SERVING CT ROOMS. FOR FILTRATION AT FCU'S SEE FAN COIL UNIT SCHEDULE. AREAS SERVED BY EQUIPMENT HAS FULL COVERAGE SMOKE DETECTION SYSTEM. EXISTING AHU & EF ARE TIED INTO EXISTING FIRE ALARM SYSTEM FOR AUTOMATIC SHUT-DOWN. NEW FCU-1 & 2 SHALL ALSO BE TIED INTO THE FIRE ALARM SYSTEM FOR AUTOMATIC SHUT-DOWN PER CMC 608.1 EXCEPTION 1.															

DEPARTMENT OF HEALTHCARE ACCESS AND INFORMATION

nacht&lewis
800 Q Street, Suite 100
Sacramento, CA 95811
www.nachtlewis.com
916.328.4000

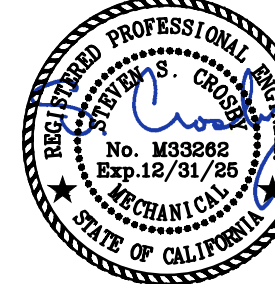


DESIGN PROFESSIONALS OF RECORD:

**UCDAVIS
HEALTH**

Facilities Design & Construction
4800 3rd Avenue Suite 3010
Sacramento, California 95817
9161764-7988

**R&A
ENGINEERING SOLUTIONS**
Professional Engineers
401 University Avenue, Suite 205, Sacramento, CA 95825
Tel. (916) 925-0965 Fax. (916) 925-9239
R&A License Number: 68415233 Designer / Draftsman: AMR/ER



CONSULTANT LOGO:

REV	REVISION DESCRIPTION	DATE
1	BACKCHECK 1	11/1/24
2	ADDENDUM 1 (ACD-001)	10/17/25

CONSTRUCTION DOCUMENTS

PROJECT NO. 9557740
COPY NO. 1
BUILDING BLD-02841 - SURGERY AND EMERGENCY SERVICES PAVILION
FLOORING 1ST FLOOR
PROJECT TITLE SESP 1P742 1P745 CT SCANNER REPLACEMENT
SHEET TITLE MECHANICAL SCHEDULES

ARCH/ENGR J. Flath	FD&C JOB NO. 9557740	SHEET NO. M002	
CM&C PROJECT MANAGER Z. Price	SCALE AS SHOWN		
DESIGNED BY SSC	DATE 08/09/24		
DRAWN BY MGE/MJR	CAD FILE -	SHEET -	OF -

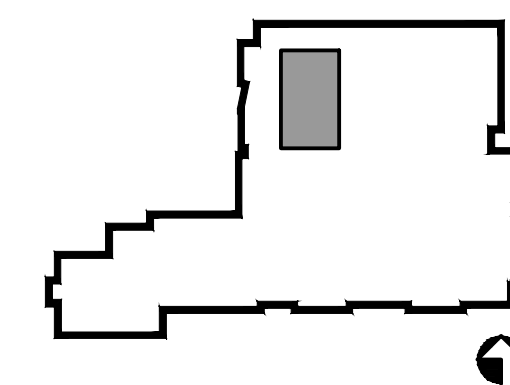


- ① REFER TO DETAIL 3/M603 FOR CAV MOUNTING DETAIL.
- ② REFER TO DETAIL 3/M602 FOR HEATING COIL PIPING DETAIL.
- ③ REFER TO DETAIL 1/M601 FOR DIFFUSER/GRILLE MOUNTING DETAIL.
- ④ REFER TO DETAIL 3/M601 FOR DUCT MOUNTING DETAIL.
- ⑤ BALANCE EXISTING GRILLES TO CFM'S SHOWN, REFER TO AIR BALANCE SCHEDULE ON SHEET M-002.

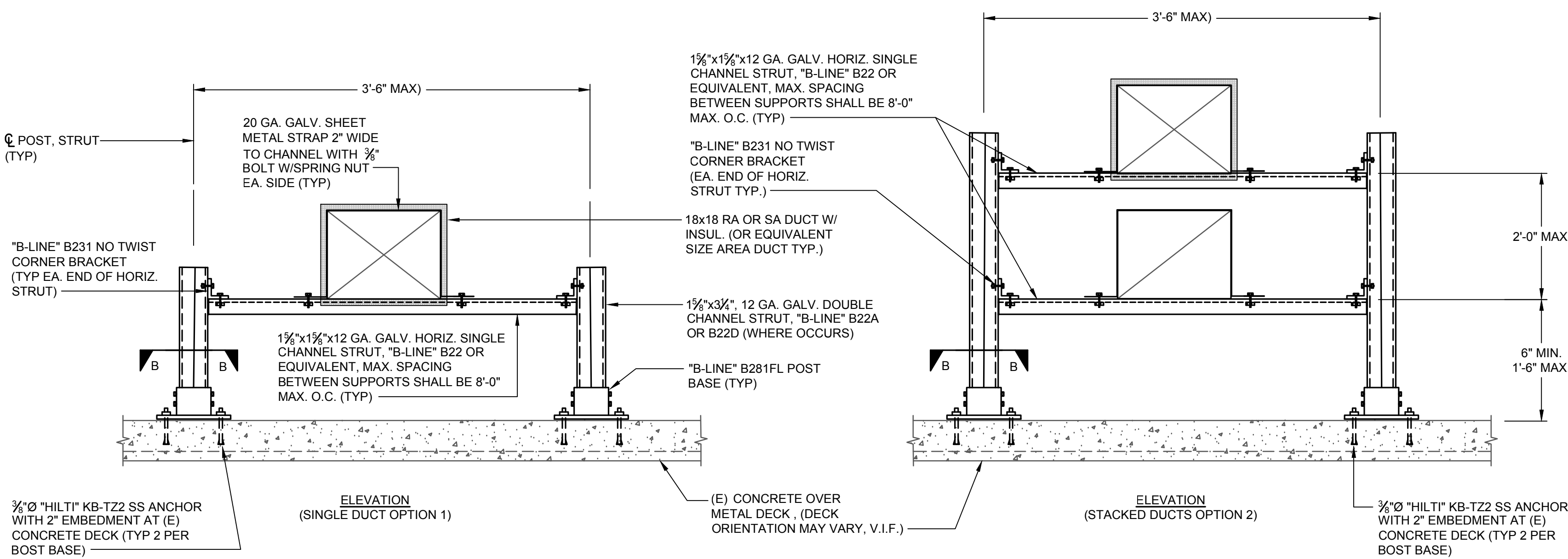


- 1 REMOVE EXISTING GRILLE/DIFFUSER, DUCTWORK AND ASSOCIATED COMPONENTS.
- 2 EXISTING THERMOSTAT TO BE REMOVED AND RETAINED FOR REINSTALLATION AT NEW LOCATION, PER NEW WORK PLAN.
- 3 REMOVE EXISTING CONSTANT AIR VOLUME TERMINAL UNIT, DUCTWORK AND ASSOCIATED COMPONENTS.

	(E) WALL		(E) PLAN ITEMS TO BE REMOVED
	(E) LEAD LINED WALL		PARTITION
	(E) 1 HR. FIRE RATED BARRIER		1 HR. FIRE RATED BARRIER
	(E) 1 HR. OCCUPANCY SEPARATION		TEMP. CONSTRUCTION BARRIER
	(E) 2 HR. FIRE BARRIER		
	(E) 2 HR. HORIZONTAL EXIT / SMOKE BARRIER		



SHEET	OF
-	-

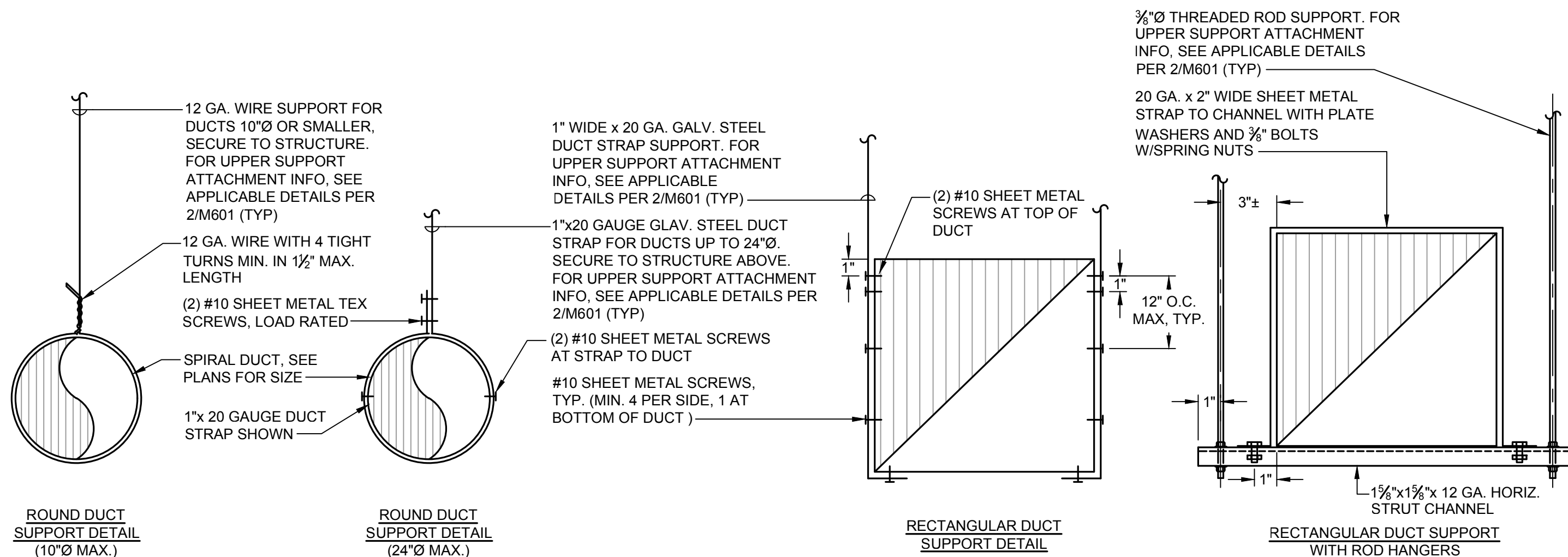


NOTES:

1. MATERIAL:
A. PRE-FABRICATED STEEL STRUTS AND CONNECTORS:
ASTM A-653 SS GRADE 33 GALVANIZED, AS MANUFACTURED BY COOPER B-LINE OR EQUAL. OTHER STRUT BRANDS MAY BE USED ONLY WITH PRIOR APPROVAL FROM THE STRUCTURAL ENGINEER OF RECORD. FITTINGS SHALL BE HOT ROLLED, PICKLED AND OILED STEEL CONFORMING TO ASTM A-575, A-576, A-636 OR A-636 AND ASTM A1011 SS GRADE 33. CHANNEL NUTS SHALL BE STAMPED OR FORMED STEEL BAR STOCK, CASE HARDENED, CONFORMING TO ASTM 1011 SS GRADE 33. ALL STRUT CONNECTORS SHALL BE GALVANIZED.
2. PROVIDE DUCT SUPPORTS WITHIN 3 FEET OF CHANGES IN DUCT DIRECTION AND SUPPORT SPACING AT 8'-0" MAX. O.C., SEE MECHANICAL PLAN FOR RECOMMENDED SUPPORT LOCATIONS.

4 FLOOR MOUNTED DUCT SUPPORT DETAILS

SCALE: NONE



NOTES:

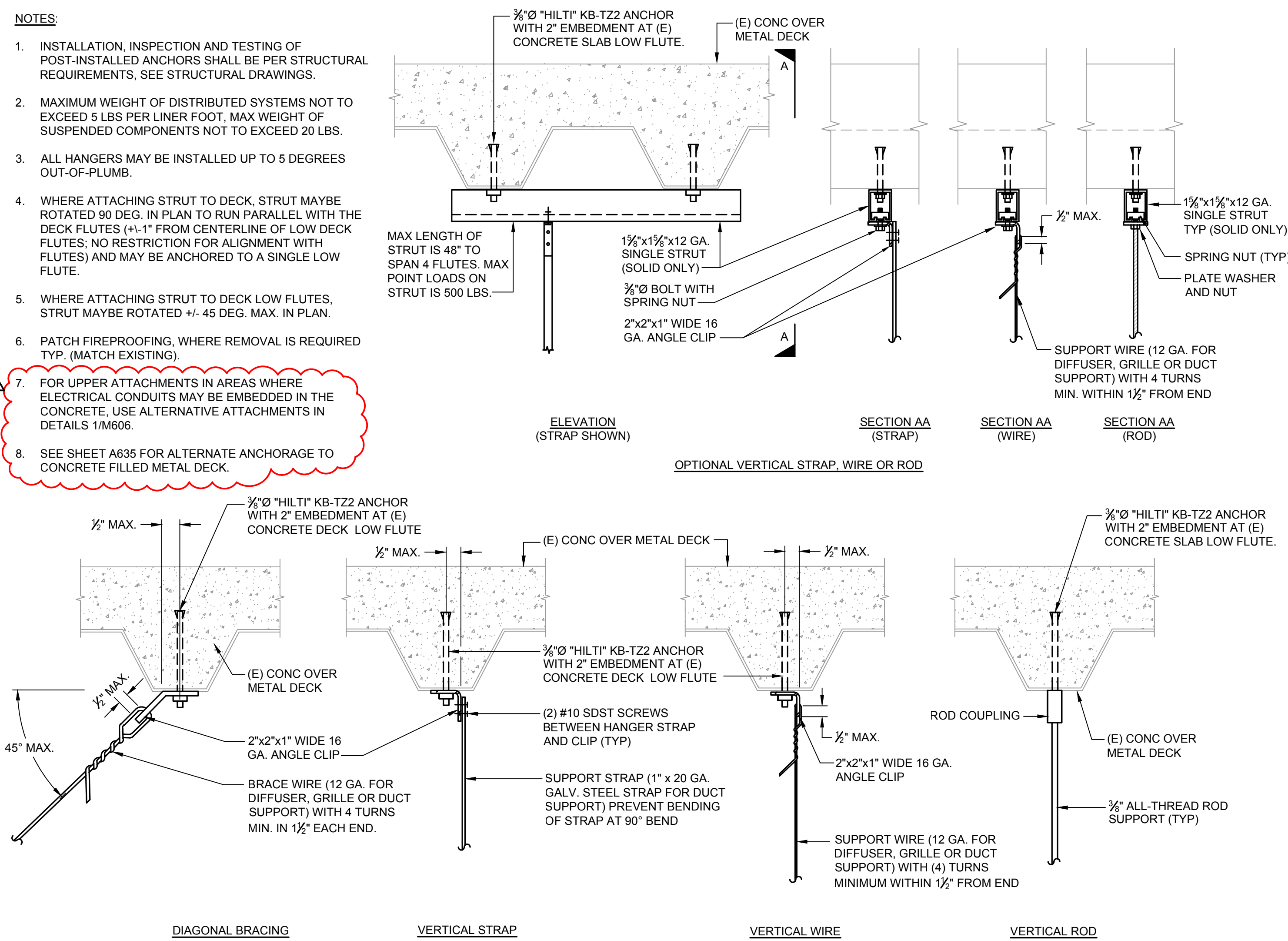
1. NO BRACING REQUIRED; ALL DUCTWORK SHALL FALL UNDER ONE OF THE EXCEPTIONS LISTED UNDER CBC SECTION 1617A.1.23) TOTAL WEIGHT OF DUCTWORK SUPPORTED BY TRAPEZE ASSEMBLIES SHALL BE LESS THAN 10 LBS/FT. 1b.) SUPPORTS FROM STRUCTURE 12" OR LESS; 2. PROVISION MADE TO AVOID IMPACT FROM ADJACENT DUCTS AND CROSS SECTIONAL AREA OF DUCTWORK IS 6 SQ/FT OR LESS.
2. MAX. LOAD SHALL NOT EXCEED 50 LBS PER SUPPORT AT 10'-0" O.C. (FOR RECTANGULAR DUCT) OR 100 LBS FOR ROUND DUCT WITH SINGLE HANGER AT 10'-0" O.C.
3. DOUBLE NUTS REQUIRED AT TOP & BOTTOM OF HANGER RODS (TYP).
4. ALL SUPPORT MATERIALS SHALL BE GALVANIZED. NO SLOTTED STRUT ALLOWED.
5. FOR INFORMATION NOT SHOWN REFER TO "OPM 0043-13" (TYP).

3 DUCT SUPPORT DETAIL

SCALE: NONE

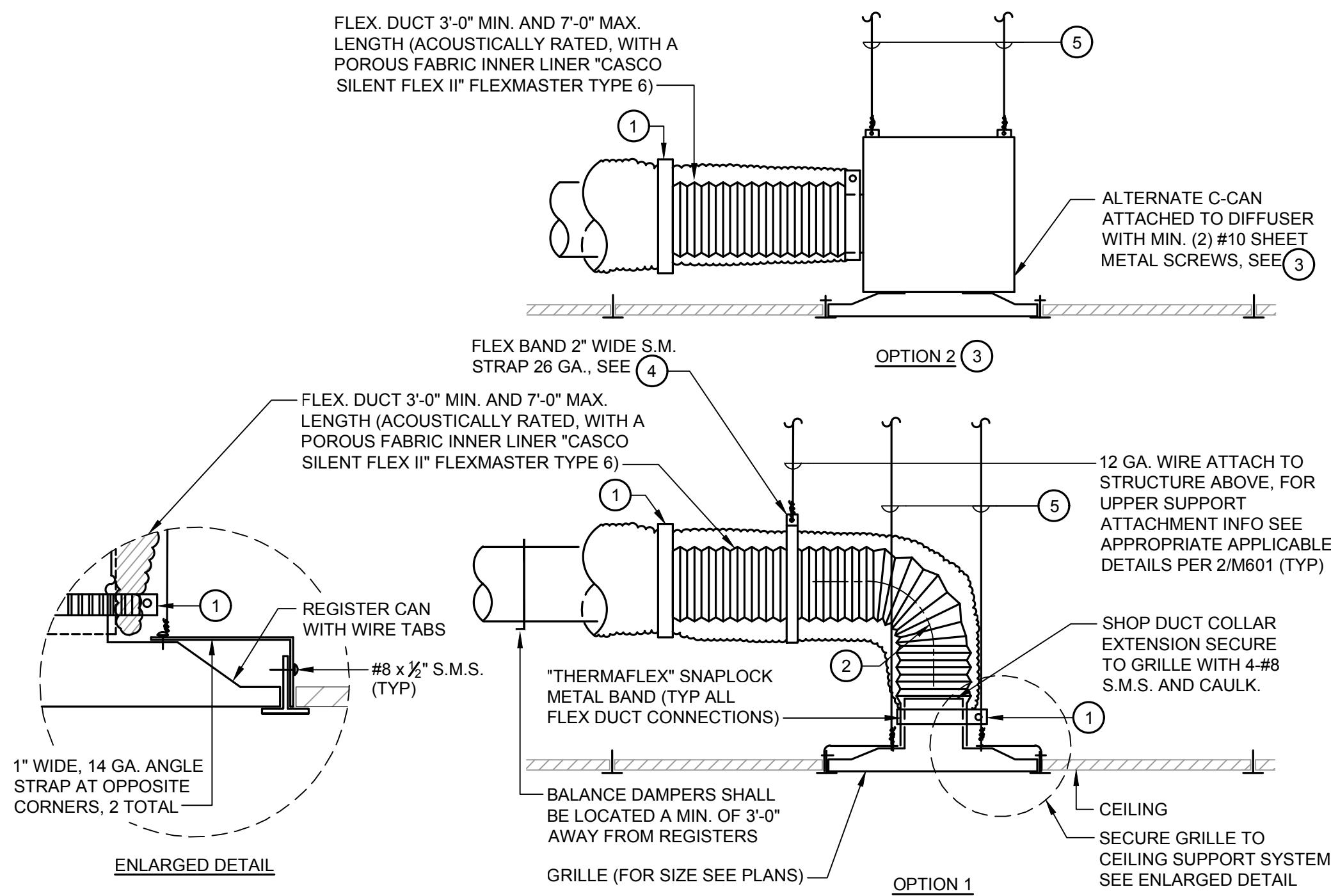
NOTES:

1. INSTALLATION, INSPECTION AND TESTING OF POST-INSTALLED ANCHORS SHALL BE PER STRUCTURAL REQUIREMENTS, SEE STRUCTURAL DRAWINGS.
2. MAXIMUM WEIGHT OF DISTRIBUTED SYSTEMS NOT TO EXCEED 5 LBS PER LINER FOOT, MAX WEIGHT OF SUSPENDED COMPONENTS NOT TO EXCEED 20 LBS.
3. ALL HANGERS MAY BE INSTALLED UP TO 5 DEGREES OUT-OF-PLUMB.
4. WHERE ATTACHING STRUT TO DECK, STRUT MAYBE ROTATED 90 DEG. IN PLAN TO RUN PARALLEL WITH THE DECK FLUTES (+/- 1" FROM CENTERLINE OF LOW DECK FLUTES; NO RESTRICTION FOR ALIGNMENT WITH FLUTES) AND MAY BE ANCHORED TO A SINGLE LOW FLUTE.
5. WHERE ATTACHING STRUT TO DECK LOW FLUTES, STRUT MAYBE ROTATED +/- 45 DEG. MAX. IN PLAN.
6. PATCH FIREPROOFING, WHERE REMOVAL IS REQUIRED TYP. (MATCH EXISTING).
7. FOR UPPER ATTACHMENTS IN AREAS WHERE ELECTRICAL CONDUITS MAY BE EMBEDDED IN THE CONCRETE, USE ALTERNATIVE ATTACHMENTS IN DETAILS 1/M606.
8. SEE SHEET A635 FOR ALTERNATE ANCHORAGE TO CONCRETE FILLED METAL DECK.



2 UPPER ATTACHMENTS - CONCRETE OVER METAL DECK

SCALE: NONE



NOTES:

1. SLIDE CORE AT LEAST 1" OVER COLLAR. TAPE AND CLAMP CORE. PULL JACKET AND INSULATION OVER CORE, TAPE AND CLAMP OVER ENTIRE ASSEMBLY.
2. MINIMUM CENTER LINE RADIUS ON FLEXIBLE DUCTS ARE 1.5 X FLEXIBLE DUCT DIAMETER (NOT LESS THAN 1.0 WHEN THE MINIMUM RADIUS CANNOT BE ACHIEVED.)
3. OPTION 2 USING C-CAN WITH ROUND COLLAR TO BE USED ONLY WHEN SPACE LIMITATION WILL NOT ALLOW FOR FLEX DUCT TO MAKE A FULL RADIUS 90° BEND INTO TOP OF STANDARD GRILLE.
4. MAXIMUM HANGER SPACING 48" O.C., MAXIMUM SAG BETWEEN HANGERS IS 1/2" PER FOOT, 2" MAXIMUM.
5. 12 GA. SLACK WIRE HANGERS FOR AIR TERMINAL DEVICES THAT WEIGH LESS THAN 56 LBS. PLACE ON DIAGONALLY OPPOSITE CORNERS. FOR UPPER SUPPORT ATTACHMENT INFO SEE APPROPRIATE APPLICABLE DETAILS PER 2/M601 (TYP).

1 DIFFUSER/GRILLE MOUNTING DETAIL

SCALE: NONE

(LAY-IN T-BAR CEILING)

DEPARTMENT OF HEALTHCARE ACCESS AND INFORMATION

nacht&lewis
800 Q Street, Suite 100
Sacramento, CA 95811
www.nachtlewis.com
916.328.4000



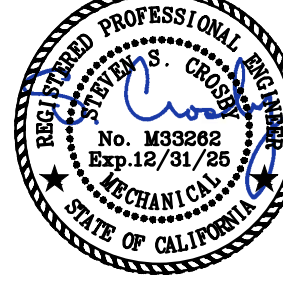
DESIGN PROFESSIONALS OF RECORD:

**UCDAVIS
HEALTH**

Facilities Design & Construction
4500 2nd Avenue South 3010
Sacramento, California 95817
(916) 754-7000

**R&A
ENGINEERING SOLUTIONS**

Professional Engineer
No. 53398
Exp. 02/21/20
901 University Avenue, Suite 205, Sacramento, CA 95825
Tel. (916) 925-0265 Fax. (916) 925-9239
Mile-High Number: 916-413-0131
Max. Lic. No. 534 Designer / Draftsman: AM/NER



CONSULTANT LOGO:

REV	REVISION DESCRIPTION	DATE
2	ADDENDUM 1 (ACD-001)	10/17/25

CONSTRUCTION DOCUMENTS

BLDG-02841 - SURGERY AND EMERGENCY SERVICES PAVILION

1ST FLOOR

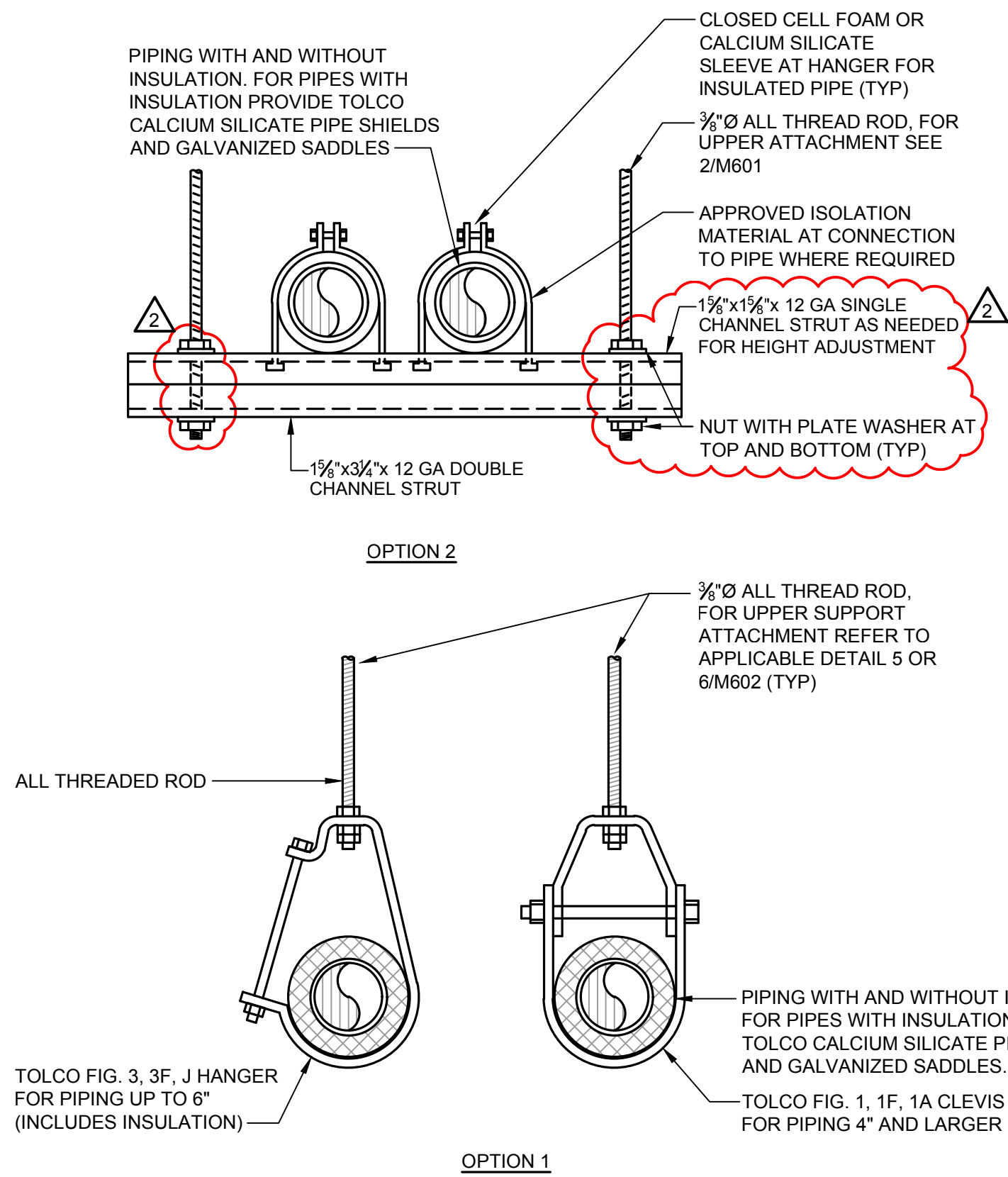
SESP 1P742 1P745 CT SCANNER

REPLACEMENT

MECHANICAL DETAILS

PROJECT NO.
9557740

ARCH/ENGR J. Flath/S. Crosby	DATE 08/09/24	SHEET NO. M601
MECHANICAL PROJECT MANAGER Z. Price	SCALE AS SHOWN	
DESIGNED BY SSC	CAD FILE	
DRAWN BY MGE/MJR		

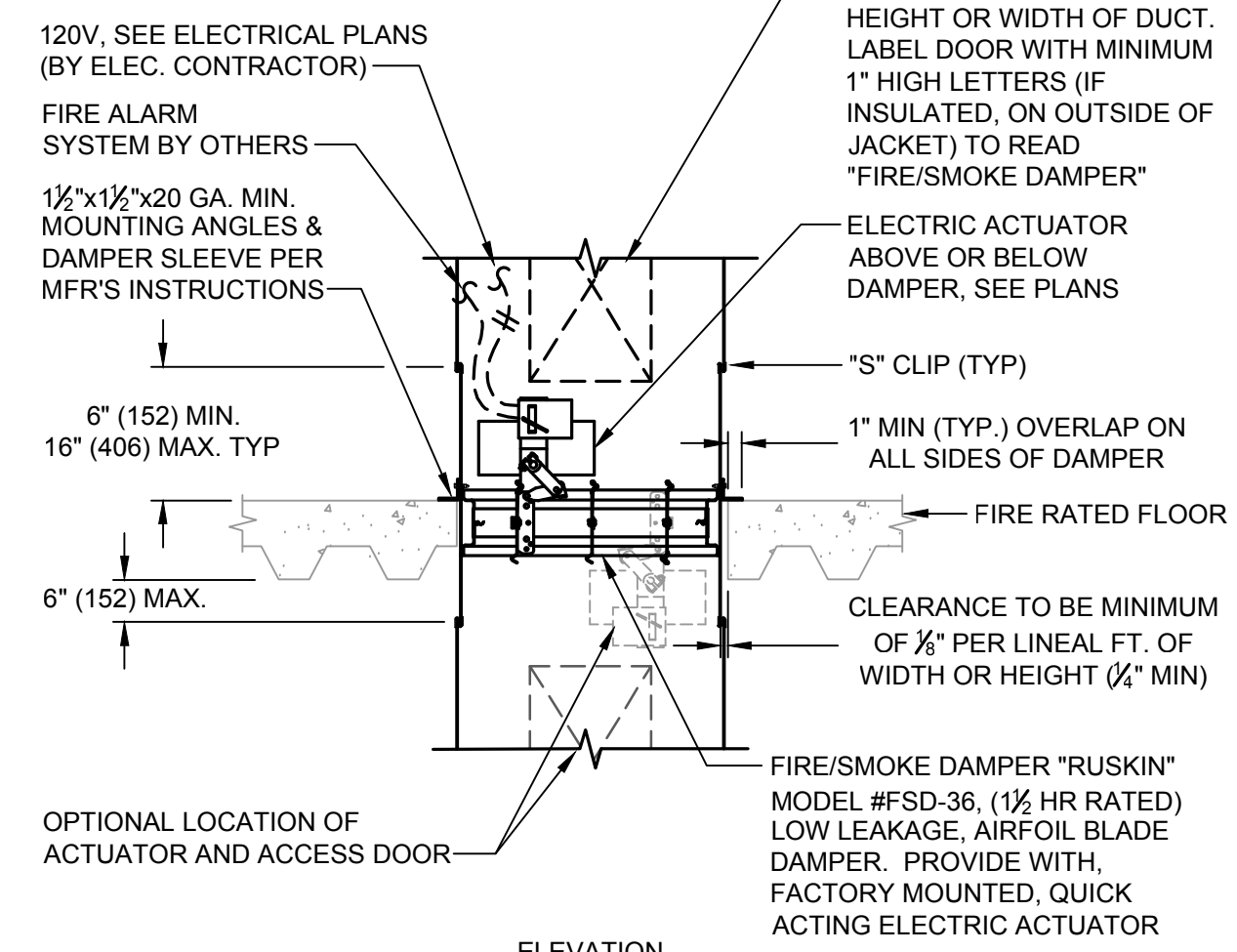


NOTES:

- NO BRACING REQUIRED, REFER TO CBC 1617A1.26;
- TRAPEZE ASSEMBLIES WITH $\frac{3}{8}$ " OR $\frac{1}{2}$ " DIA. ROD HANGERS NOT EXCEEDING 12" IN LENGTH FROM THE PIPE SUPPORT POINT TO THE CONNECTION AT THE SUPPORTING STRUCTURE. DO NOT SUPPORT PIPING WITH $\frac{1}{2}$ " GREATER THAN 1.0, AND NO SINGLE PIPE EXCEEDS 2" DIA. AND TOTAL WEIGHT SUPPORTED BY SINGLE TRAPEZE IS 100 LBS OR LESS.
- COORDINATE WITH ELECTRICAL AND CONTROLS CONTRACTOR FOR SUPPORT OF CONDUITS WITHIN TRAPEZE HANGERS.
- DOUBLE NUTS REQUIRED AT TOP & BOTTOM OF HANGER RODS (TYP).
- ALL SUPPORT MATERIALS SHALL BE GALVANIZED. NO SLOTTED STRUT ALLOWED.
- FOR INFORMATION NOT SHOWN REFER TO "OPM 0043-13" (TYP).

NON-SEISMIC PIPE HANGER SUPPORT DETAILS

SCALE: NONE

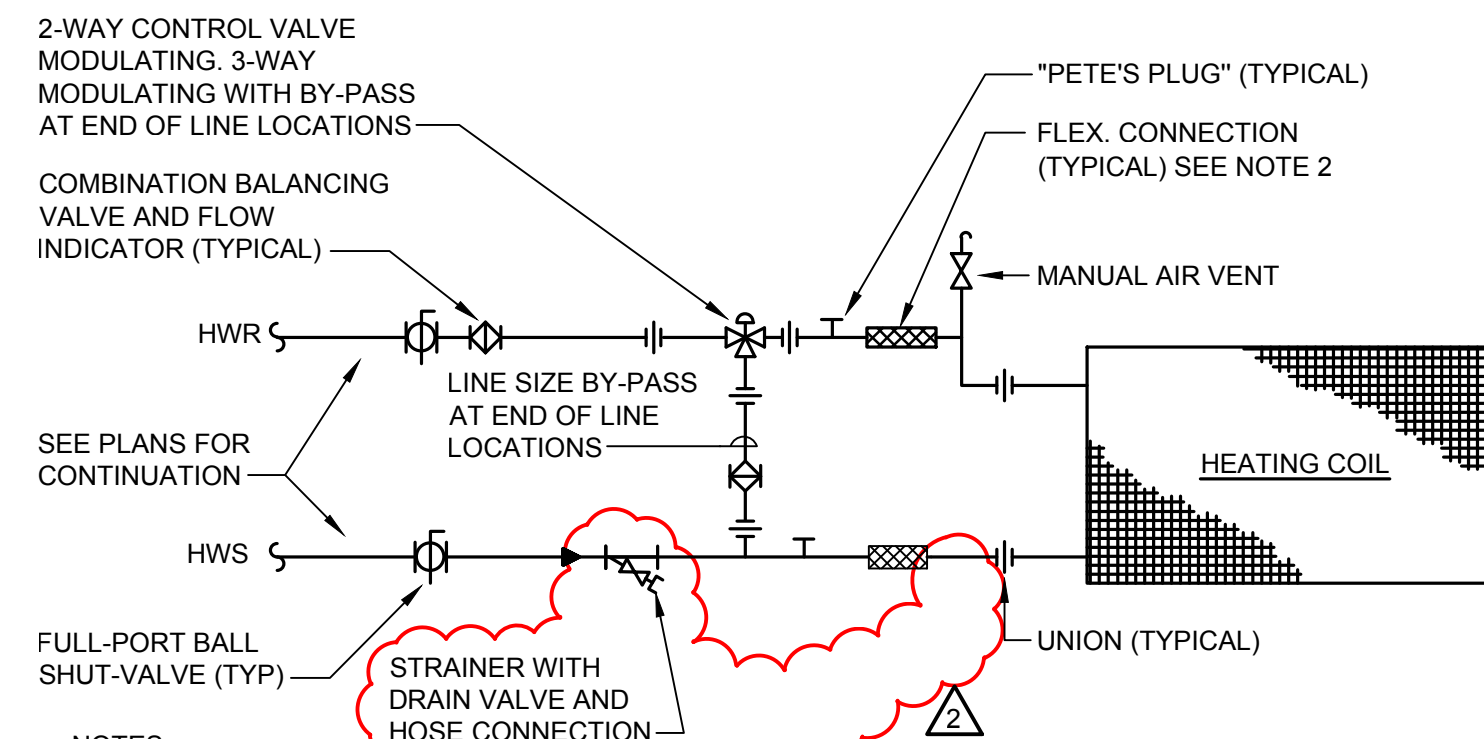


NOTES:

- FIRE/SMOKE DAMPER SHALL BE CALIFORNIA STATE FIRE MARSHAL (CSFM) APPROVED AND INSTALLED STRICTLY PER MANUFACTURER'S PRINTED INSTRUCTIONS. INSTALLATION INSTRUCTIONS AND CSFM LISTINGS SHALL BE MADE AVAILABLE TO THE INSPECTING AUTHORITIES.
- DETAIL IS FOR REFERENCE ONLY. INSTALL PER MANUFACTURER'S SUPPLEMENTAL INSTALLATION INSTRUCTIONS. FOR CONCRETE FLOOR OVER METAL DECK.
- DAMPER CSFM LISTING NO. 3235-0245-0124. 1½-HOUR UL555 & UL555S LEAKAGE RATING CLASS 2.
- ACCESS DOOR SHALL BE LOCATED TO PROVIDE MAINTENANCE AND TESTING REQUIREMENTS FOR ACTUATOR AND ALLOW VISUAL INSPECTION OF DAMPER. LOCATION SHALL BE CONVENIENT FOR MAINTENANCE ACCESS.
- ARCHITECT TO PROVIDE MINIMUM 16"x18" RATED ACCESS DOOR IN CEILING, NEAR ACTUATOR TO ALLOW FOR MAINTENANCE AND TESTING.

HORIZONTAL FIRE/ SMOKE DAMPER DETAIL

SCALE: NONE

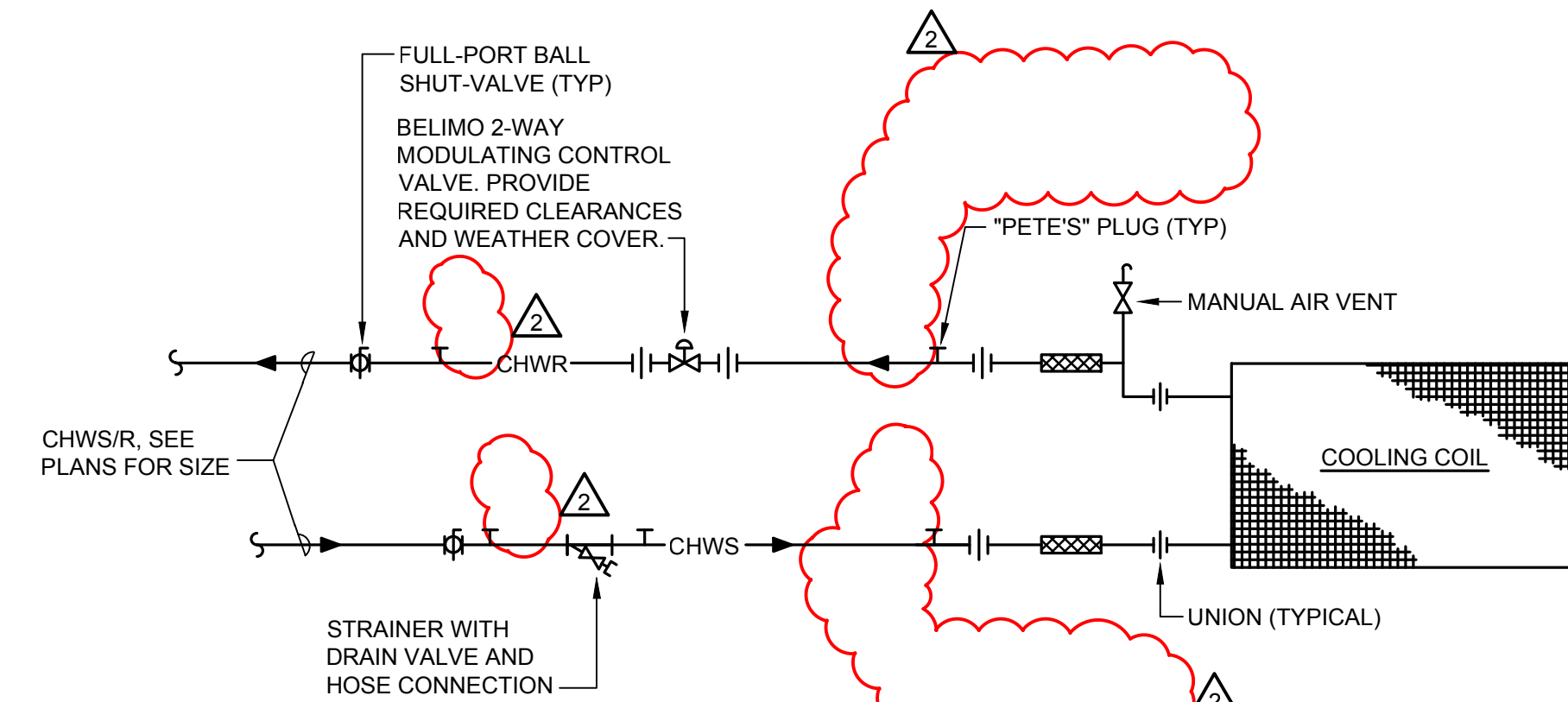


NOTES:

- ALL VALVES AND FITTINGS SHALL BE LINE SIZE UNLESS OTHERWISE NOTED ON PLANS. SEE PLANS FOR BRANCH LINE SIZES. ALL ABOVE CEILING DRAINS, VENTS AND VALVES MUST BE ACCESSIBLE FOR MAINTENANCE AND OPERATION.
- PROVISIONS SHALL BE MADE FOR EXPANSION, CONTRACTION AND STRUCTURAL SETTLEMENT. [OSHPD 1, 1R, 2, 4 AND 5 PIPE CONNECTIONS LESS THAN 2½" SHALL HAVE FLEXIBLE CONNECTORS OR (3) 90° OFFSETS IN CLOSE PROXIMITY OF CONNECTION PER CMC 1210.2]
- PROVIDE STRAIGHT SECTION OF PIPE DOWNSTREAM AND UPSTREAM OF TCV, MIN. 5 PIPE DIAMETER IN LENGTH OR AS DIRECTED BY VALVE MFR.

HEATING COIL REHEAT COIL PIPING DIAGRAM

SCALE: NONE

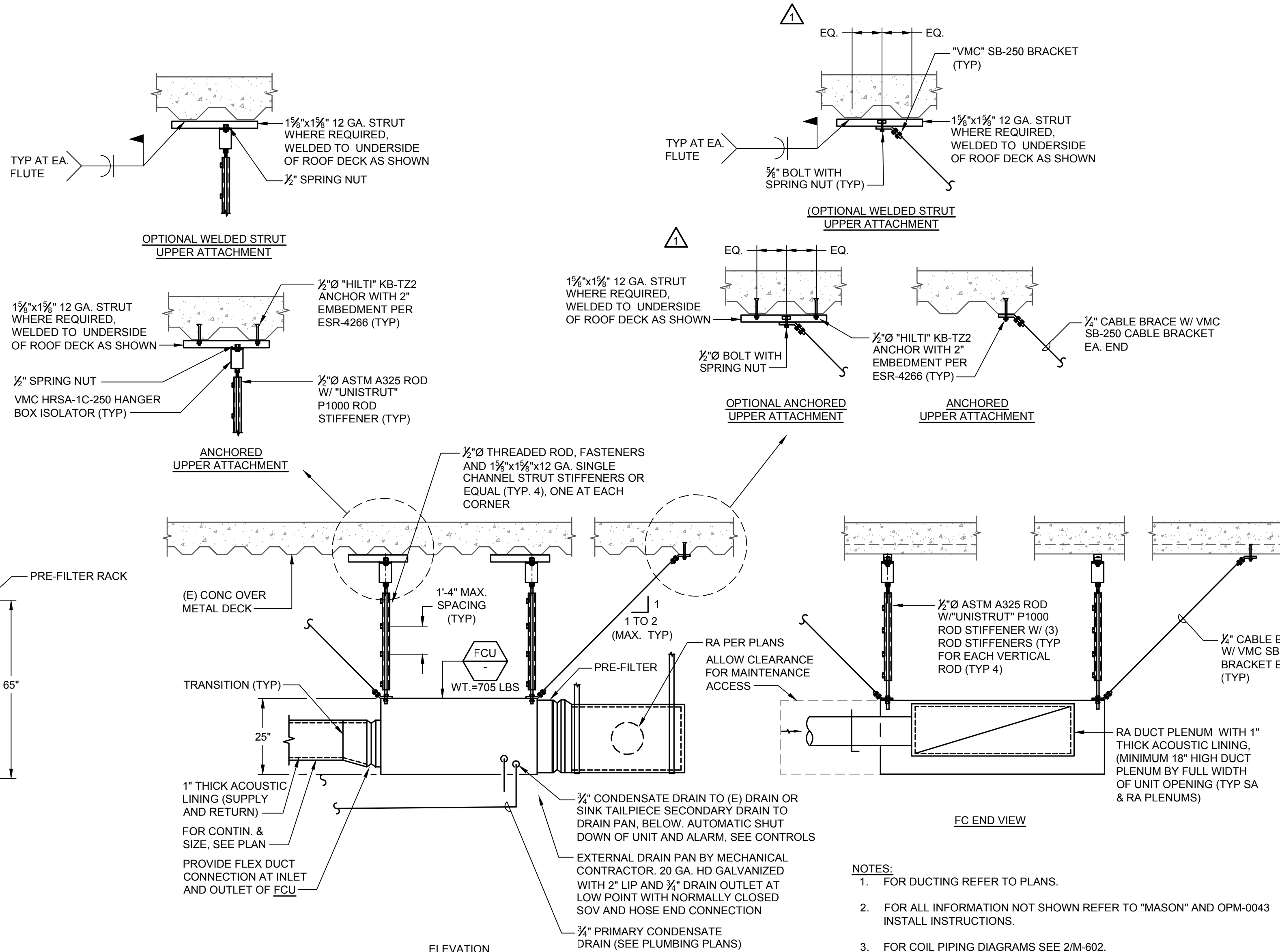


NOTES:

- ALL VALVES AND FITTINGS SHALL BE LINE SIZE UNLESS OTHERWISE NOTED ON PLANS. SEE PLANS FOR BRANCH LINE SIZES. ALL ABOVE CEILING DRAINS, VENTS AND VALVES MUST BE ACCESSIBLE FOR MAINTENANCE AND OPERATION.
- PROVISIONS SHALL BE MADE FOR EXPANSION, CONTRACTION AND STRUCTURAL SETTLEMENT. [OSHPD 1, 1R, 2, 4 AND 5 PIPE CONNECTIONS LESS THAN 2½" SHALL HAVE FLEXIBLE CONNECTORS OR (3) 90° OFFSETS IN CLOSE PROXIMITY OF CONNECTION PER CMC 1210.2]
- PROVIDE STRAIGHT SECTION OF PIPE DOWNSTREAM AND UPSTREAM OF TCV, MIN. 5 PIPE DIAMETER IN LENGTH OR AS DIRECTED BY VALVE MFR.
- PROVIDE SEPARATE SHUT OFF VALVES IN FRONT OF COIL KITS, ON BOTH THE SUPPLY AND RETURN LINES.

FCU CHILLED WATER COIL PIPING DIAGRAM

SCALE: NONE



NOTES:

- FOR DUCTING REFER TO PLANS.
- FOR ALL INFORMATION NOT SHOWN REFER TO "MASON" AND OPM-0043 INSTALL INSTRUCTIONS.
- FOR COIL PIPING DIAGRAMS SEE 2/M-602.
- WHERE INTERFERENCES OCCUR WITH SPLAYED WIRE BRACES, REFER TO DETAIL 1B ABOVE FOR RIGID BRACING OPTION.
- REPLACE ANY DAMAGED OR REMOVED FIREPROOFING, AS NEEDED.
- FOR SECONDARY DRAIN REFER TO PLUMBING PLANS.
- ALL BOLTS WITH SPRING NUT CONNECTION SHALL BE PER MASON OPM-0043-13, UNISTRUT OPM-0295-13, OR B-LINE OPM-0052-13.
- SEE SHEET A635 FOR ALTERNATE ANCHORAGE TO CONCRETE FILLED METAL DECK.

FAN COIL UNIT (FCU-1 & 2) MOUNTING DETAIL

SCALE: NONE

DEPARTMENT OF HEALTHCARE ACCESS AND INFORMATION

nacht&lewis

800 Q Street, Suite 100
Sacramento, CA 95811
www.nachtandlewis.com
916.328.4000



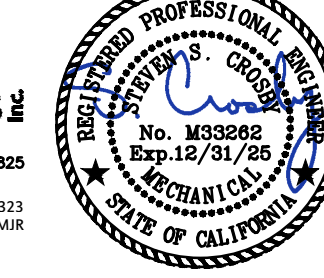
DESIGN PROFESSIONALS OF RECORD:

UCDAVIS HEALTH

Facilities Division & Construction
4500 3rd Avenue, Suite 3010
Sacramento, California 95817
(916) 754-7000

R&A ENGINEERING SOLUTIONS

Professional Engineer
No. 63308
Exp. 02/28/2020
401 University Avenue, Suite 205, Sacramento, CA 95825
Tel. (916) 925-0965 Fax. (916) 925-9239
Web Site: www.ra-engineering.com
Lic. No. 556 Designer / Drafter: AMR/ER



CONSULTANT LOGO:

REV	REVISION DESCRIPTION	DATE
1	BACKCHECK 1	11/1/24
2	ADDENDUM 1 (ACD-001)	10/17/25

CONSTRUCTION DOCUMENTS

BLD-02841 - SURGERY AND EMERGENCY SERVICES PAVILION

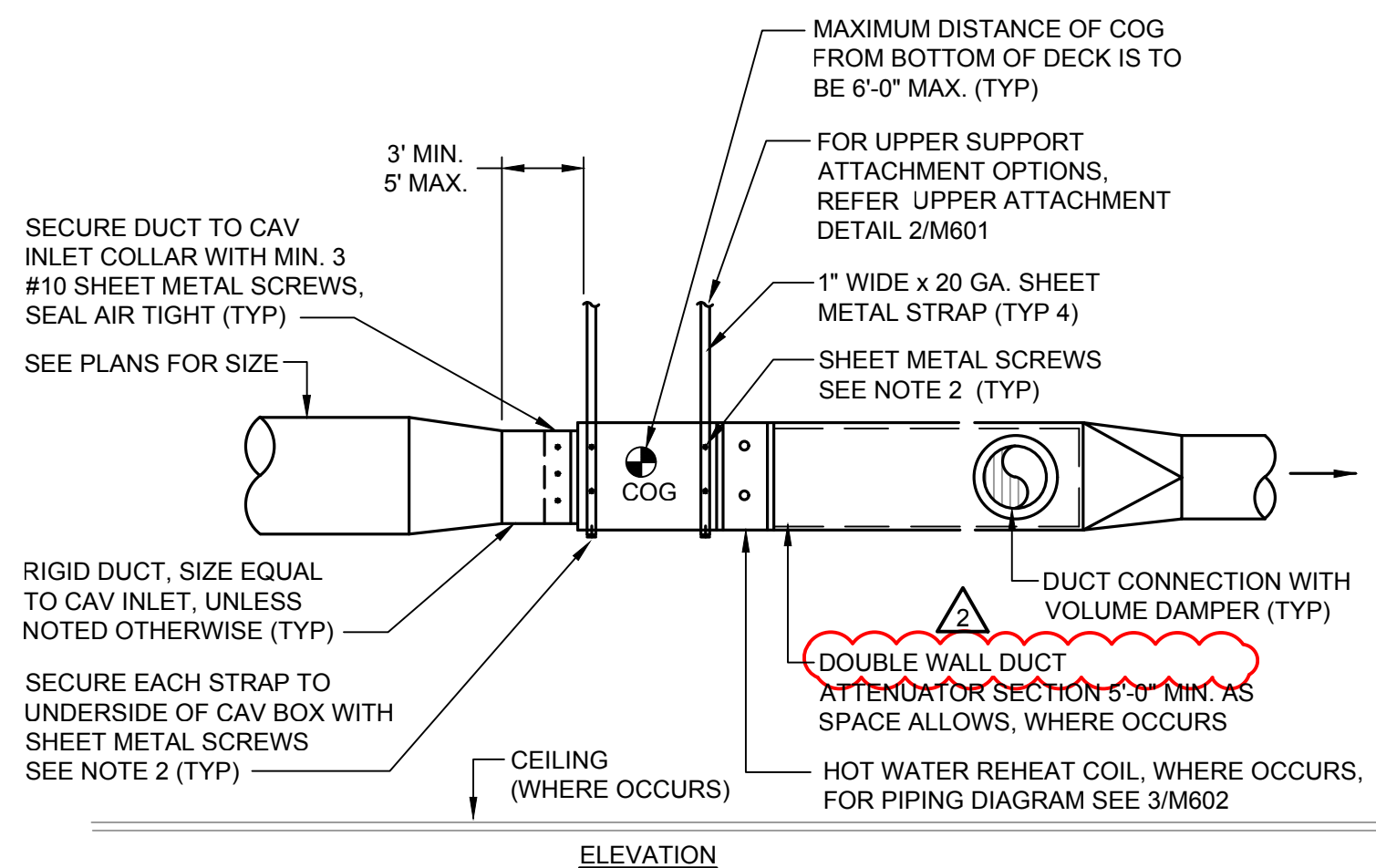
1ST FLOOR

SESP 1P742 1P745 CT SCANNER REPLACEMENT

MECHANICAL DETAILS

PROJECT NO. 9557740

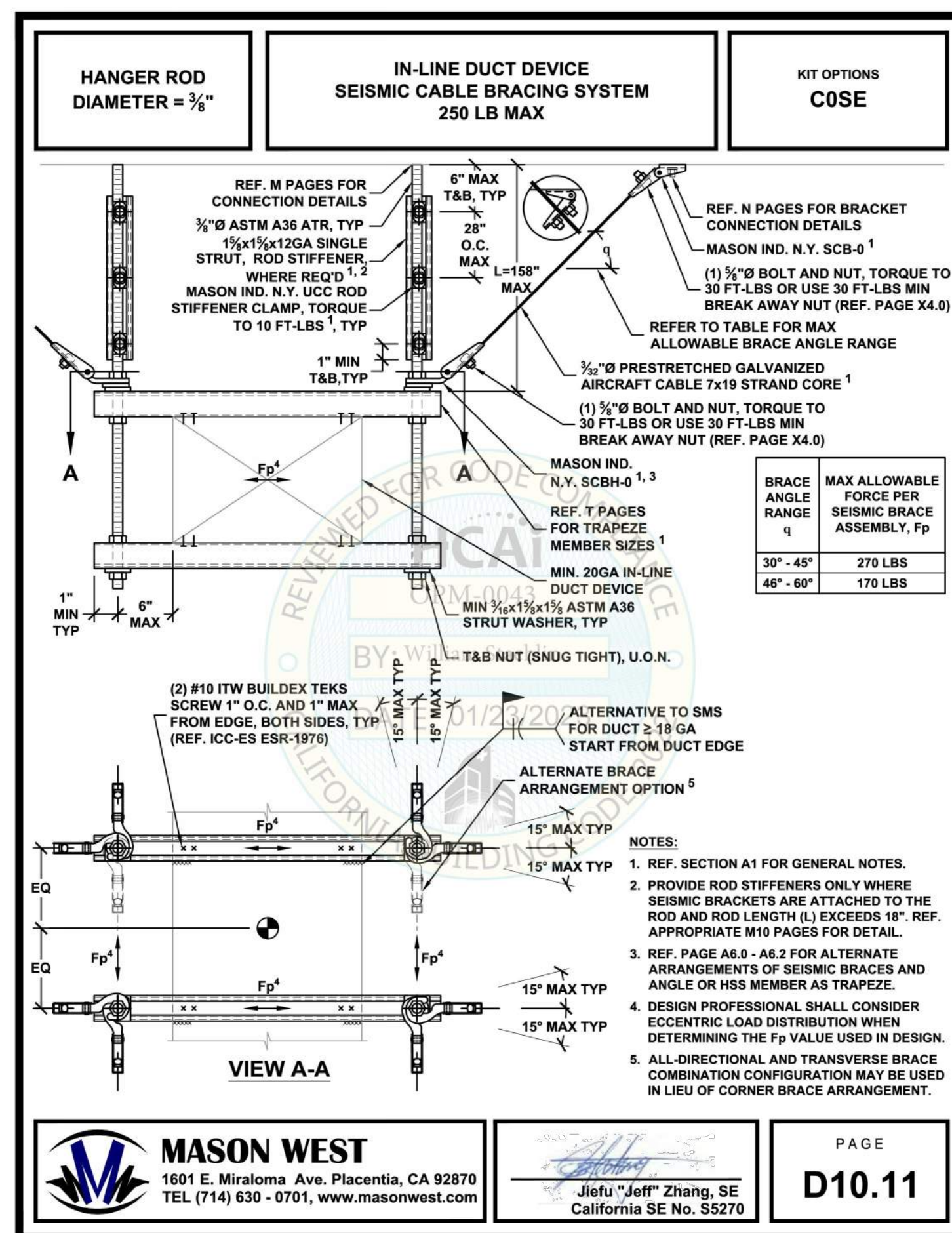
ARCH/ENGR J. Flath/S. Crosby	DATE 08/09/24	SHEET NO. M602
CM/CM PROJECT MANAGER Z. Price	CAD FILE -	SHEET -
DESIGNED BY SSC	DATE 08/09/24	OF -
DRAWN BY MGE/MJR	CAD FILE -	SHEET -



WHERE PROVIDED, THROUGH-PENETRATION FIRESTOP SYSTEM AND MEMBRANE PENETRATION DETAILS ARE FOR REFERENCE ONLY. THROUGH-PENETRATIONS AND MEMBRANE PENETRATIONS SHALL BE PROTECTED BY AN APPROVED PENETRATION FIRESTOP SYSTEM OR MEMBRANE PENETRATION FIRESTOP SYSTEM INSTALLED AS TESTED IN ACCORDANCE WITH ASTM E 814 OR UL 1479, WITH A MINIMUM POSITIVE PRESSURE DIFFERENTIAL OF 0.01 INCH (2.49 PA) OF WATER OR AS OTHERWISE PERMITTED BY CBC, SECTION 7.14, LISTED THROUGH-PENETRATION FIRESTOP SYSTEMS. THROUGH-PENETRATIONS SHALL BE INSTALLED IN ACCORDANCE WITH THE INSTALLATION DETAILS FOR LISTED SYSTEMS. LISTED THROUGH-PENETRATION FIRESTOP SYSTEMS, MEMBRANE PENETRATION PROTECTION AND OTHER PERMITTED MEANS AND METHODS OF PENETRATION PROTECTION SHALL BE SUBMITTED FOR OSHDP REVIEW AND APPROVAL PRIOR TO INSTALLATION.

- NOTES:**
1. CAV BOX ATTACHMENTS: PROVIDE FLEXIBLE CONNECTIONS FOR PIPES AND CONDUITS. FOR COIL PIPING DETAIL, SEE 3/M602. BOX W/COIL: WEIGHT IS LESS THAN 75 LBS. THEREFORE NO BRACING REQUIRED, REFER TO CBC 1705A.13.3.1 (9).
 2. CAV BOXES 75 LBS OR LESS WITH COIL (WHERE OCCURS): SECURE STRAP TO BOX WITH SHEET METAL SCREWS, 2 ON EACH SIDE AND 1 ON BOTTOM (TYPICAL). SEAL WITH DUCT SEALANT. NO POP RIVETS ALLOWED.
 3. FOR CAV BOXES WITH COIL (WHERE OCCURS) OVER 75 LBS: INSTALL PER OPM# 0043-13, SEE DETAIL 2/M603.
 4. MAINTAIN ALL REQUIRED CLEARANCES AND ACCESS IN FRONT OF CAV CONTROL PANELS. NO PIPES, SPRINKLERS, CONDUITS, ETC. SHALL BE INSTALLED WITHIN THIS ZONE. COORDINATE CAREFULLY WITH OTHER TRADES AND UNIT MANUFACTURER.

SCALE: NONE



343 of 792

SCALE: NONE

[illegible]

BUILDING: BBLD-02841 - SURGERY AND EMERGENCY SERVICES PAVILION

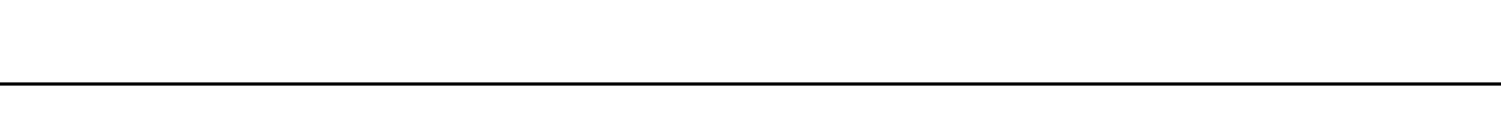
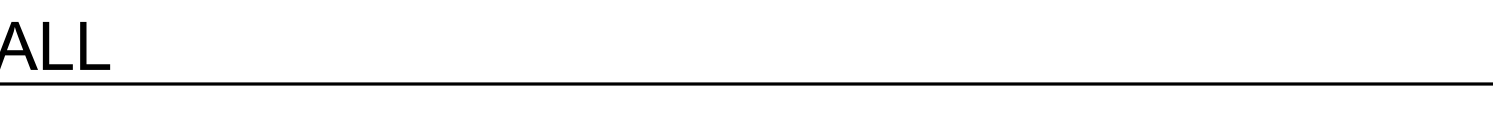
FLOORING:
1ST FLOOR

SESP 1P742 1P745 CT SCANNER

REPLACEMENT

MECHANICAL DETAILS

ARCH/ENGR.	FD&C JOB NO.	SHEET NO.	
J. Flath/S. Crosby	9557740	M603	
UCDMC PROJECT MANAGER	SCALE		
Z. Price	AS SHOWN		
DESIGNED BY	DATE		
SSC	08/09/24		
DRAWN BY	CAD FILE	SHEET	OF
MGE/MJR	-	-	-



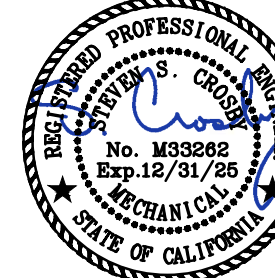


DESIGN PROFESSIONALS OF RECORD:

**UCDAVIS
HEALTH**

Facilities Design & Construction
4800 2nd Avenue, Suite 200
Sacramento, California 95817
(916) 754-7000

**R&A
ENGINEERING SOLUTIONS**
Professional Engineer
401 University Avenue, Suite 205, Sacramento, CA 95833
(916) 925-0965 Fax: (916) 925-9239
R&A-001
Date: 10/09/2020 Designer / Drafter: AM/NER



CONSULTANT LOGO:

REV	REVISION DESCRIPTION	DATE
1	BACKCHECK 1	11/1/24
2	ADDENDUM 1 (ACD-001)	10/17/25

CONSTRUCTION DOCUMENTS

BLD-02841 - SURGERY AND EMERGENCY SERVICES PAVILION

FLOORING: 1ST FLOOR

PROJECT TITLE: SESP 1P742 1P745 CT SCANNER REPLACEMENT

SHEET TITLE: MECHANICAL DETAILS

PROJECT NO: 9557740

DATE: 08/09/24

ARCH-ENGR J. Flath, S. Crosby	DATE 08/09/24	SHEET NO. M606
MECH-ENGR Z. Price	CAD FILE	SHEET OF
DESIGNED BY SSC	DATE 08/09/24	NEW SHEET
DRAWN BY MGE/MJR	CAD FILE	SHEET OF

HANGER ATTACHMENT TO CONCRETE FILLED METAL DECK WITH (2) BADGER INDUSTRIES MDH NO-DRILL™ HANGERS

GRAVITY ONLY

HANGER CONNECTION TYPE	ALLOWABLE VERTICAL LOAD LBS	HANGER CONNECTION TYPE	ALLOWABLE VERTICAL LOAD LBS	ATR HANGER DIA. INCH	MDH SIZE	MIN SPACING INCH	MIN END DIST. INCH
38A TO 38D	300	38A TO 38D	600	1/2"	MDH3812	2	6
50A TO 50D	300	50A TO 50D	600	3/4"	MDH1258	3	6
63A TO 63D	300	63A TO 63D	600	1"	MDH1258	3	6
38A TO 38F	450	38A TO 38F	900	1/2"			
50A TO 50F	450	50A TO 50F	900	3/4"			
63A TO 63F	450	63A TO 63F	900	1"			
75A TO 75F	450	75A TO 75F	900	1 1/4"			

FASTENER WITH STRUT NUT

DIA. INCH	TORQUE REQ'D FT-LBS
1/2"	19
3/4"	80

1. SEE DETAIL M0.00 FOR SECTION NOTES
2. WHEN USED FOR "GRAVITY & SEISMIC" LOADING, THE GRAVITY DEMAND SHALL NOT EXCEED THE "GRAVITY ONLY" ALLOWABLE LOAD.
3. PROXIMITY OR SPACING OF NEW OR EXISTING CONCRETE INSERTS OR DRILLED HOLE ANCHORS TO THE MDH DOES NOT IMPACT THE LISTED MDH CAPACITIES.
4. INSTALLATION: CLEAN METAL DECKING GROOVES TO EXPOSE PLATED DECKING METAL PRIOR TO PLACEMENT OF THE MDH HANGER. ACCURATELY PLACE MDH HANGER CHISEL POINT ENDS INTO METAL DECKING GROOVES WITH FLAT SURFACE FACING DOWNWARDS AND WITH THE LENGTH OF THE MDH BODY BEING PERPENDICULAR TO THE DECKING GROOVES. WHILE HOLDING THE BODY CHISEL POINT END TIGHT INTO METAL DECKING GROOVES, TIGHTEN TORQUE-OFF HEX NUT UNTIL BOTH CHISEL POINT ENDS ARE TIGHT AND SECURELY WEDGED INTO THE OPPOSING METAL DECKING GROOVES. WHILE HOLDING THE MDH HANGER BODY IN PLACE, TIGHTEN THE TORQUE-OFF HEX NUT WITH AN OPEN END WRENCH UNTIL THE HEX NUT HAS BROKEN AWAY FROM THE THREADED BARREL, LEAVING THE LOCK WASHER COMPRESSED AND THE HEX NUT LOOSE ON THE THREADED SHAFT. FOR REFERENCE, A MINIMUM OF 15 FT-LBS OF TORQUE IS REQUIRED FOR THE MDH3812 AND A MINIMUM OF 20 FT-LBS OF TORQUE IS REQUIRED FOR THE MDH1258.

MASON WEST, INC.
1601 E. Miraloma Ave. Placentia, CA 92670
TEL (714) 630 - 0701, www.masonwest.com

Jiefu "Jeff" Zhang, SE
California SE No. 55270

PAGE **M2.121**

10/09/2020 OPM-0043-13: Reviewed for Code Compliance by Jeffrey Kikumoto 565 of 846

HANGER ATTACHMENT TO CONCRETE FILLED METAL DECK WITH (2) BADGER INDUSTRIES MDH NO-DRILL™ HANGERS

GRAVITY ONLY

HANGER CONNECTION TYPE	ALLOWABLE VERTICAL LOAD LBS	HANGER CONNECTION TYPE	ALLOWABLE VERTICAL LOAD LBS	ATR HANGER DIA. INCH	MDH SIZE	MIN SPACING INCH	MIN END DIST. INCH
38A TO 38D	300	38A TO 38D	600	1/2"	MDH3812	2	6
50A TO 50D	300	50A TO 50D	600	3/4"	MDH3812	2	6
63A TO 63D	300	63A TO 63D	600	1"	MDH3812	2	6
38A TO 38E	400	38A TO 38E	800	1/2"			
50A TO 50E	400	50A TO 50E	800	3/4"			
63A TO 63E	400	63A TO 63E	800	1"			

FASTENER WITH STRUT NUT

DIA. INCH	TORQUE REQ'D FT-LBS
1/2"	19
3/4"	80

1. SEE DETAIL M0.00 FOR SECTION NOTES
2. WHEN USED FOR "GRAVITY & SEISMIC" LOADING, THE GRAVITY DEMAND SHALL NOT EXCEED THE "GRAVITY ONLY" ALLOWABLE LOAD.
3. PROXIMITY OR SPACING OF NEW OR EXISTING CONCRETE INSERTS OR DRILLED HOLE ANCHORS TO THE MDH DOES NOT IMPACT THE LISTED MDH CAPACITIES.
4. INSTALLATION: CLEAN METAL DECKING GROOVES TO EXPOSE PLATED DECKING METAL PRIOR TO PLACEMENT OF THE MDH HANGER. ACCURATELY PLACE MDH HANGER CHISEL POINT ENDS INTO METAL DECKING GROOVES WITH FLAT SURFACE FACING DOWNWARDS AND WITH THE LENGTH OF THE MDH BODY BEING PERPENDICULAR TO THE DECKING GROOVES. WHILE HOLDING THE BODY CHISEL POINT END TIGHT INTO METAL DECKING GROOVES, TIGHTEN TORQUE-OFF HEX NUT UNTIL BOTH CHISEL POINT ENDS ARE TIGHT AND SECURELY WEDGED INTO THE OPPOSING METAL DECKING GROOVES. WHILE HOLDING THE MDH HANGER BODY IN PLACE, TIGHTEN THE TORQUE-OFF HEX NUT WITH AN OPEN END WRENCH UNTIL THE HEX NUT HAS BROKEN AWAY FROM THE THREADED BARREL, LEAVING THE LOCK WASHER COMPRESSED AND THE HEX NUT LOOSE ON THE THREADED SHAFT. FOR REFERENCE, A MINIMUM OF 15 FT-LBS OF TORQUE IS REQUIRED FOR THE MDH3812 AND A MINIMUM OF 20 FT-LBS OF TORQUE IS REQUIRED FOR THE MDH1258.

MASON WEST, INC.
1601 E. Miraloma Ave. Placentia, CA 92670
TEL (714) 630 - 0701, www.masonwest.com

Jiefu "Jeff" Zhang, SE
California SE No. 55270

PAGE **M2.122**

10/09/2020 OPM-0043-13: Reviewed for Code Compliance by Jeffrey Kikumoto 566 of 846

WIRE/CABLE BRACE ATTACHMENT TO CONCRETE FILLED METAL DECK WITH (1) BADGER INDUSTRIES MDH NO-DRILL™ HANGER

GRAVITY ONLY

BRACE CONNECTION TYPE	ALLOWABLE LATERAL LOAD LBS	MAX BRACE RANGE INCH	MDH SIZE	MIN SPACING INCH	MIN END DIST. INCH
38A TO 38B	150	30"-45"	MDH3812	2	6
38A TO 38A	90	45"-60"	MDH3812	2	6

1. SEE DETAIL M0.00 FOR SECTION NOTES
2. PROXIMITY OR SPACING OF NEW OR EXISTING CONCRETE INSERTS OR DRILLED HOLE ANCHORS TO THE MDH DOES NOT IMPACT THE LISTED MDH CAPACITIES.
3. INSTALLATION: CLEAN METAL DECKING GROOVES TO EXPOSE PLATED DECKING METAL PRIOR TO PLACEMENT OF THE MDH HANGER. ACCURATELY PLACE MDH HANGER CHISEL POINT ENDS INTO METAL DECKING GROOVES WITH FLAT SURFACE FACING DOWNWARDS AND WITH THE LENGTH OF THE MDH BODY BEING PERPENDICULAR TO THE DECKING GROOVES. WHILE HOLDING THE BODY CHISEL POINT END TIGHT INTO METAL DECKING GROOVES, TIGHTEN TORQUE-OFF HEX NUT UNTIL BOTH CHISEL POINT ENDS ARE TIGHT AND SECURELY WEDGED INTO THE OPPOSING METAL DECKING GROOVES. WHILE HOLDING THE MDH HANGER BODY IN PLACE, TIGHTEN THE TORQUE-OFF HEX NUT WITH AN OPEN END WRENCH UNTIL THE HEX NUT HAS BROKEN AWAY FROM THE THREADED BARREL, LEAVING THE LOCK WASHER COMPRESSED AND THE HEX NUT LOOSE ON THE THREADED SHAFT. FOR REFERENCE, A MINIMUM OF 15 FT-LBS OF TORQUE IS REQUIRED FOR THE MDH3812.

MASON WEST, INC.
1601 E. Miraloma Ave. Placentia, CA 92670
TEL (714) 630 - 0701, www.masonwest.com

Jiefu "Jeff" Zhang, SE
California SE No. 55270

PAGE **N2.120.1**

10/09/2020 OPM-0043-13: Reviewed for Code Compliance by Jeffrey Kikumoto 721 of 846

HANGER ATTACHMENT TO CONCRETE FILLED METAL DECK WITH (1) BADGER INDUSTRIES MDH NO-DRILL™ HANGER

GRAVITY ONLY

HANGER CONNECTION TYPE	ALLOWABLE VERTICAL LOAD LBS	HANGER CONNECTION TYPE	ALLOWABLE VERTICAL LOAD LBS	ATR HANGER DIA. INCH	MDH SIZE	MIN SPACING INCH	MIN END DIST. INCH
38A TO 38C	200	38A TO 38E	400	1/2"	MDH3812	2	6
50A TO 50C	200	50A TO 50G	600	3/4"	MDH1258	3	6
63A TO 63C	200	63A TO 63G	600	1"	MDH1258	3	6

1. SEE DETAIL M0.00 FOR SECTION NOTES
2. WHEN USED FOR "GRAVITY & SEISMIC" LOADING, THE GRAVITY DEMAND SHALL NOT EXCEED THE "GRAVITY ONLY" ALLOWABLE LOAD.
3. PROXIMITY OR SPACING OF NEW OR EXISTING CONCRETE INSERTS OR DRILLED HOLE ANCHORS TO THE MDH DOES NOT IMPACT THE LISTED MDH CAPACITIES.
4. INSTALLATION: CLEAN METAL DECKING GROOVES TO EXPOSE PLATED DECKING METAL PRIOR TO PLACEMENT OF THE MDH HANGER. ACCURATELY PLACE MDH HANGER CHISEL POINT ENDS INTO METAL DECKING GROOVES WITH FLAT SURFACE FACING DOWNWARDS AND WITH THE LENGTH OF THE MDH BODY BEING PERPENDICULAR TO THE DECKING GROOVES. WHILE HOLDING THE BODY CHISEL POINT END TIGHT INTO METAL DECKING GROOVES, TIGHTEN TORQUE-OFF HEX NUT UNTIL BOTH CHISEL POINT ENDS ARE TIGHT AND SECURELY WEDGED INTO THE OPPOSING METAL DECKING GROOVES. WHILE HOLDING THE MDH HANGER BODY IN PLACE, TIGHTEN THE TORQUE-OFF HEX NUT WITH AN OPEN END WRENCH UNTIL THE HEX NUT HAS BROKEN AWAY FROM THE THREADED BARREL, LEAVING THE LOCK WASHER COMPRESSED AND THE HEX NUT LOOSE ON THE THREADED SHAFT. FOR REFERENCE, A MINIMUM OF 15 FT-LBS OF TORQUE IS REQUIRED FOR THE MDH3812 AND A MINIMUM OF 20 FT-LBS OF TORQUE IS REQUIRED FOR THE MDH1258.

MASON WEST, INC.
1601 E. Miraloma Ave. Placentia, CA 92670
TEL (714) 630 - 0701, www.masonwest.com

Jiefu "Jeff" Zhang, SE
California SE No. 55270

PAGE **M2.120**

10/09/2020 OPM-0043-13: Reviewed for Code Compliance by Jeffrey Kikumoto 563 of 846

HANGER ATTACHMENT TO CONCRETE FILLED METAL DECK WITH (1) BADGER INDUSTRIES MDH NO-DRILL™ HANGER

GRAVITY ONLY

HANGER CONNECTION TYPE	ALLOWABLE VERTICAL LOAD LBS	MDH SIZE	MIN SPACING INCH	MIN END DIST. INCH
38A TO 38C	180	MDH3812	2	6

1. SEE DETAIL M0.00 FOR SECTION NOTES
2. PROXIMITY OR SPACING OF NEW OR EXISTING CONCRETE INSERTS OR DRILLED HOLE ANCHORS TO THE MDH DOES NOT IMPACT THE LISTED MDH CAPACITIES.
3. INSTALLATION: CLEAN METAL DECKING GROOVES TO EXPOSE PLATED DECKING METAL PRIOR TO PLACEMENT OF THE MDH HANGER. ACCURATELY PLACE MDH HANGER CHISEL POINT ENDS INTO METAL DECKING GROOVES WITH FLAT SURFACE FACING DOWNWARDS AND WITH THE LENGTH OF THE MDH BODY BEING PERPENDICULAR TO THE DECKING GROOVES. WHILE HOLDING THE BODY CHISEL POINT END TIGHT INTO METAL DECKING GROOVES, TIGHTEN TORQUE-OFF HEX NUT UNTIL BOTH CHISEL POINT ENDS ARE TIGHT AND SECURELY WEDGED INTO THE OPPOSING METAL DECKING GROOVES. WHILE HOLDING THE MDH HANGER BODY IN PLACE, TIGHTEN THE TORQUE-OFF HEX NUT WITH AN OPEN END WRENCH UNTIL THE HEX NUT HAS BROKEN AWAY FROM THE THREADED BARREL, LEAVING THE LOCK WASHER COMPRESSED AND THE HEX NUT LOOSE ON THE THREADED SHAFT. FOR REFERENCE, A MINIMUM OF 15 FT-LBS OF TORQUE IS REQUIRED FOR THE MDH3812.

MASON WEST, INC.
1601 E. Miraloma Ave. Placentia, CA 92670
TEL (714) 630 - 0701, www.masonwest.com

Jiefu "Jeff" Zhang, SE
California SE No. 55270

PAGE **M2.120.1**

10/09/2020 OPM-0043-13: Reviewed for Code Compliance by Jeffrey Kikumoto 564 of 846

1 UPPER ATTACHMENTS - CONCRETE OVER METAL DECK - BADGER HANGERS

SCALE: NONE

(ER)MED GAS COMBINATION ZONE VALVE BOX & AREA ALARM PANEL									
TAG NO.	AREA SERVED / LOCATION	MANUFACTURER & MODEL	MEDICAL GAS VALVE SIZE						REMARKS
			VAC	O2	MA	N2O	N2	CO2	
ZVB/AA-1.4	(E) CORRIDOR 1P740	"BEACON MEDAES" MODEL AZVB3-AAB	1½"	¾"	¾"	-	-	-	
NOTES:									
1. ALARM INPUT POWER 100 TO 250 VAC 50 / 60 Hz, 1 AMP INPUT RATING. DRY/SLAVE CONTACTS MODULES FOR MA. UNIT SHALL BE PROVIDED WITH EMERGENCY BACK-UP POWER CIRCUIT TO MAINTAIN NORMAL OPERATION DURING PERIODS OF POWER OUTAGES. (REFER TO DIVISION 26 FOR POWER).									
2. (ER) PANEL HAS THE FOLLOWING: TOUCH SCREEN DIGITAL DISPLAY, AUDIBLE HORN & VISUAL INDICATOR ALARMS, FULL-PORT BALL VALVES, PRE-INSTALLED AREA ALARM SENSORS WITHIN THE BOX ON THE PATIENT SIDE AND VALVE PURGE PORTS.									
3. (ER) PANEL SHALL BE LABELED AS PER THE FACILITY STANDARDS AND INDICATE THE AREA SERVED.									
4. (ER) ZONE VALVE BOX & AREA ALARM PANEL SHALL BE MOUNTED AT 66" ABOVE FINISHED FLOOR TO THE TOP OF THE PANEL. REFER TO ARCHITECTURAL PLANS FOR FINAL LOCATIONS AND MOUNTING HEIGHT.									

MEDICAL GAS OUTLET SCHEDULE					
TAG NO.	DESCRIPTION	MANUFACTURER & MODEL	MINIMUM PIPE SIZE	CONNECTION SIZE	REMARKS
O2-1	WALL OUTLET (DISS KEY STYLE)	"BEACON MEDAES" SERIES 'B' 121100-00	¾"	¾"	
VAC-1	WALL OUTLET (DISS KEY STYLE)	"BEACON MEDAES" SERIES 'B' 121103-00	¾"	¾"	
MA-1	WALL OUTLET (DISS KEY STYLE)	"BEACON MEDAES" SERIES 'B' 121102-00	¾"	¾"	
O2-2	CEILING OUTLET (DISS KEY STYLE)	"BEACON MEDAES" SERIES 'B' 4107 2092 69	¾"	¾"	
VAC-2	CEILING OUTLET (DISS KEY STYLE)	"BEACON MEDAES" SERIES 'B' 4107 2092 71	¾"	¾"	
MA-2	CEILING OUTLET (DISS KEY STYLE)	"BEACON MEDAES" SERIES 'B' 4107 2092 71	¾"	¾"	
NOTES:					
1. WALL MOUNTED, QUICK CONNECT FRONT ASSEMBLY OUTLET WITH U.S. COLOR CODE. REFER TO DETAIL 2/P6.1 AND ARCHITECTURAL DRAWINGS FOR FINAL MOUNTING LOCATION & HEIGHT.					
2. PROVIDE BLANK SLIDE FOR WALL MOUNTED VACUUM BOTTLE RACK.					
3. CONTRACTOR SHALL VERIFY AND MATCH FACILITY WALL OUTLET CONNECTION STYLE.					
4. REFER TO ARCHITECTURAL PLANS FOR FINAL OUTLET LOCATIONS AND MOUNTING HEIGHTS.					



PLUMBING PIPE MATERIAL SCHEDULE						
THE FOLLOWING LIST OF PIPE MATERIALS IS SOLELY INTENDED AS A GENERAL OVERVIEW OF SYSTEM TYPES & MATERIAL REQUIREMENTS THEREIN. THE CONTRACTOR SHALL CLOSELY COORDINATE WITH THE CONTRACT DOCUMENTS TO VERIFY ALL PROJECT SPECIFIC SYSTEMS AS WELL AS DIVISION 22 SPECIFICATIONS FOR GENERAL CONDITIONS & CONSTRUCTION REQUIREMENTS.						
DESCRIPTION	SYMBOL	LOCATION	SIZE	MATERIAL TYPE	JOINT	INSULATION
DRAIN AND WASTE PIPE (WASTE, SANITARY WASTE, STORM DRAIN, RAINWATER LEADER & OVERFLOW PIPING)	-	ABOVE GROUND	ALL	NO HUB CAST IRON CONFORMING TO ASTM A888 AND CISPI 301 OR DWV COPPER PIPE AND FITTINGS CONFORMING TO ASTM B306 AND ASME B16.23 AND B16.29	NO HUB PIPE CONFORMING TO ASTM A888 AND CISPI 301. COUPLINGS CONFORMING TO ASTM 1277 AND CISPI 310 WITH STAINLESS STEEL BANDS. HEALTHCARE PROJECTS AND / OR OVER CRITICAL & SENSITIVE AREAS (AS DEFINED BY CMC SECTION 322.0) SHALL MEET THE REQUIREMENTS OF FM1680, SD CLASS 1 AND ASTM C1540 OR DWV COPPER PIPE AND FITTINGS SOLDERED AND CONFORMING TO ASTM B32	WHERE APPLICABLE. SEE NOTES.
SANITARY VENT	V	ABOVE GROUND	2-1/2" AND SMALLER	CAST IRON SOIL PIPE & FITTINGS CONFORMING TO ASTM A888 AND CISPI 301 OR DWV COPPER PIPE AND FITTINGS CONFORMING TO ASTM B306 AND ASME B16.23 AND B16.29	NO HUB COUPLING OR DWV COPPER PIPE AND FITTINGS SOLDERED AND CONFORMING TO ASTM B32	NONE
DOMESTIC WATER PIPE (TEMPERED WATER, TEMPERED WATER RETURN, HOT WATER, HOT WATER RETURN & COLD WATER)	-	ABOVE GROUND	1-1/4" AND SMALLER	ASTM B88, TYPE L COPPER TUBING, HARD-TEMPER WITH WROUGHT COPPER FITTINGS.	LEAD FREE SOLDER	WHERE APPLICABLE. SEE NOTES.
DOMESTIC WATER PIPE (TEMPERED WATER, TEMPERED WATER RETURN, HOT WATER, HOT WATER RETURN & COLD WATER)	-	ABOVE GROUND	1-1/2" AND LARGER	ASTM B88, TYPE L COPPER TUBING, HARD-TEMPER WITH WROUGHT COPPER FITTINGS.	BRAZED	WHERE APPLICABLE. SEE NOTES.
CONDENSATE DRAIN	CD	ABOVE GROUND (INSIDE BUILDINGS)	ALL	ASTM B88, TYPE L COPPER TUBING AND FITTINGS.	BRAZED	WHERE APPLICABLE. SEE NOTES.
CONDENSATE DRAIN	CD	ABOVE GROUND (OUTSIDE BUILDINGS)	ALL	ASTM B88, TYPE L COPPER TUBING AND FITTINGS, CAST IRON DRAIN PIPE & FITTINGS OR SCHEDULE 40 GALVANIZED STEEL PIPE AND CAST IRON DRAIN OR VENT FITTINGS	BRAZED OR LEAD-FREE SOLDER	NONE
MEDICAL GAS (CARBON DIOXIDE, OXYGEN, MEDICAL AIR, HIGH-PRESSURE MEDICAL COMPRESSED AIR, NITROUS OXIDE, NITROGEN & VACUUM)	-	ABOVE GROUND	1 1/4" AND SMALLER	ASTM B819 - TYPE L, SEAMLESS, DRAWN TEMPER, MEDICAL GAS TUBE THAT HAS BEEN FACTORY CLEANED, PURGED AND SEALED FOR OXYGEN SERVICE.	BRAZED	NONE
NOTES:						
1. TYPE DWV COPPER TUBING OR NO-HUB CAST IRON PIPE AND FITTING MAY BE USED FOR CONCEALED RAINWATER LEADERS. WHERE NO-HUB PIPING IS USED, THE FITTINGS AND COUPLINGS SHALL MATCH THOSE USED FOR WASTE PIPING.						
2. ALL DOMESTIC WATER MALE AND FEMALE ADAPTERS OF ANY SIZE SHALL BE SOLDERED IN LIEU OF BRAZING.						
3. INSULATION FOR DOMESTIC HOT AND TEMPERED WATER SHALL BE IN COMPLIANCE WITH THE CALIFORNIA ENERGY CODE, SECTION 120.3 AND TABLE 120.3-A FOR HOT WATER PIPING 105-140 F. R-VALUE OF R-7.7 FIBERGLASS WITH ASJ-SSL JACKET FOR PIPING LESS THAN 1" DIAMETER AND R-VALUE OF R-12.5 FIBERGLASS WITH ASJ-SSL JACKET FOR PIPING 1" TO 1.5" DIAMETER.						
4. EXPOSED INSULATED PIPING WITHIN THE BUILDING SHALL HAVE A ZESTON 2000 25/50, PROTO LO-SMOKE, OR EQUAL, PVC JACKET AND FITTING COVER INSTALLED OVER THE INSULATION, APPLIED PER MANUFACTURER'S INSTRUCTIONS.						
5. PROVIDE PVC JACKETING COLOR CODED TO VCO STANDARDS OR PREFERENCES FOR ALL EXPOSED INSULATED LINES IN OCCUPIED SPACES AND IN MECHANICAL ROOMS.						
6. PROVIDE LABELING OF ALL INSULATED AND NON-INSULATED PIPING. LABELS TO BE AT 20 FOOT INTERVALS AND A MINIMUM OF ONE PER ROOM. PROVIDE DIRECTIONAL ARROWS OF FLOW AND LABEL ADJACENT TO AND SHUT-OFF VALVE DESCRIBING CONTENT.						
7. PIPE, TUBE AND FITTINGS USED IN POTABLE WATER SYSTEMS INTENDED TO SUPPLY DRINKING WATER SHALL MEET THE REQUIREMENTS OF NSF-61, "DRINKING WATER SYSTEMS COMPONENTS - HEALTH EFFECTS"						
8. PIPE, PIPE OR PLUMBING FITTINGS, FIXTURES, SOLDER AND FLUX INSTALLED IN A SYSTEM PROVIDING WATER FOR HUMAN CONSUMPTION SHALL COMPLY WITH LEAD FREE REQUIREMENTS OF THE CALIFORNIA HEALTH AND SAFETY CODE SECTION 116875. PROVIDE PRODUCT SUBMITTAL INFORMATION PROVING COMPLIANCE WITH LEAD FREE REQUIREMENTS.						
9. HCAI APPROVED LOKRING TECHNOLOGY CONNECTORS ARE ACCEPTABLE FOR USE WHEN CONNECTING NEW MEDICAL GAS PIPING TO EXISTING UP TO AND INCLUDING 2" PIPE SIZE.						

PLUMBING FIXTURE SPECIFICATION & CONNECTION SCHEDULE						
TAG	DESCRIPTION & LOCATION	BRANCH PIPING				REMARKS
		W	V	DCW	DHW	
HWS-1	HANDWASH SINK (CT 2, 1P745 & CT 3, 1P742)	2"	1½"	¾"	¾"	"AMERICAN STANDARD" MURRO MODEL 0958.908EC WALL MOUNTED HAND WASH SINK, 21½"x20½", VITREOUS CHINA, LESS OVERFLOW WITH ACRYLIC SHROUD MODEL 0062.006C, CONCEALED ARM SUPPORT AND FLAT GRID STRAINER. PROVIDE "CHICAGO FAUCET" MODEL 116.103 AB.1 GOOSENECK SENSOR OPERATED FAUCET, 1.5 GPM NON-AERATING LAMINAR FLOW OUTLET, MODEL 240.630.001.1 PLUG-IN SINGLE USE CLASS 2A TRANSFORMER (SEE DIVISION 26 FOR POWER) AND PAIRED WITH "CHICAGO FAUCET" MODEL 131-FMAB THERMOSTATIC MIXING VALVE WITH PIPE FLUSH MODE FOR THERMAL DISINFECTION.
NOTES:						
1. REFER TO DIVISION 22 SPECIFICATIONS FOR ADDITIONAL INFORMATION & ITEMS NOT OTHERWISE SHOWN OR NOTED.						
2. PIPE, PIPE OR PLUMBING FITTINGS, FIXTURES, SOLDER AND FLUX INSTALLED IN A SYSTEM PROVIDING WATER FOR HUMAN CONSUMPTION SHALL COMPLY WITH LEAD FREE REQUIREMENTS OF THE CALIFORNIA HEALTH AND SAFETY CODE SECTION 116875. PROVIDE PRODUCT SUBMITTAL INFORMATION PROVING COMPLIANCE WITH LEAD FREE REQUIREMENTS.						
3. FOR EACH CONNECTION TO FAUCETS, STOPS, HOSE BIBBS, ETC. EACH FIXTURE, EXCEPT HOSE BIBBS, SHALL HAVE A STOP VALVE INSTALLED ON THE WATER SUPPLY LINES TO PERMIT REPAIRS WITHOUT SHUTTING OFF WATER MAINS. PROVIDE ALL WATER SUPPLIES TO FIXTURES WITH COMPRESSION SHUT-OFF STOPS AND INLETS. PROVIDE LOCK SHIELD-LOOSE KEY HANDLE FOR EACH STOP.						
4. PROVIDE FIXTURES NOT HAVING INTEGRAL TRAPS WITH P-TRAP OF CHROMIUM-PLATED 17 GAUGE CAST BRASS, WITH 17 GAUGE SEAMLESS WALL RETURN, CONNECTED TO CONCEALED WASTE IN WALL AND SANITARY FITTINGS. PROVIDE IAPMO APPROVAL FOR TRAP, AND PROVIDE LESS TRAP SCREW CLEANOUT.						
5. INSULATE ALL EXPOSED WASTE PIPING AND DOMESTIC WATER SUPPLIES BELOW CBC ACCESSIBLE FIXTURES WITH CODE COMPLIANT MOLDED "CLOSED-CELL" VINYL COVERS. COVERS SHALL BE INSTALLED USING VANDAL RESISTANT FASTENERS AND MUST BE REMOVABLE. COVERS SHALL MEET FLAME SPREAD RATING NOT TO EXCEED 25 AND SMOKE DENSITY NOT TO EXCEED 50 WHEN TESTED IN ACCORDANCE WITH ASTM E-84, AND SHALL COMPLY WITH THE REQUIREMENTS OF CALIFORNIA CODE OF REGULATIONS, TITLE 24, "TRUEBRO" - LAV GUARD2 MODEL 103E-Z, "PLUMBEREX" - HANDY SHIELD (OR APPROVED EQUAL).						
6. ALL SINKS AND URINALS SHALL BE PROVIDED WITH CLEANOUTS IN COMPLIANCE WITH THE CALIFORNIA PLUMBING CODE.						
7. FAUCETS SHALL NOT BE EQUIPPED WITH AN AERATOR BUT MAY BE EQUIPPED WITH A NON-AERATING LAMINAR FLOW DEVICE AS PER HCAI REQUIREMENT AND THE 2022 CALIFORNIA PLUMBING CODE - SECTION 210.0 (c).						
8. ALL ELECTRONIC SENSOR OPERATED FAUCETS & FLUSH VALVES SHALL BE CAPABLE OF FUNCTIONING AFTER LOSS OF NORMAL POWER IN COMPLIANCE WITH HCAI REQUIREMENT AND THE 2022 CALIFORNIA PLUMBING CODE - SECTION 210 (b) & 413.2. (REFER TO DIVISION 26 FOR POWER AND CRITICAL BRANCH CIRCUIT)						
9. REFER TO ARCHITECTURAL PLANS FOR FINAL LOCATION AND MOUNTING HEIGHT OF CBC ACCESSIBLE FIXTURES.						
10. WALL HUNG FIXTURES (UNLESS OTHERWISE NOTED) SHALL BE MOUNTED AT THE HEIGHT INDICATED ON THE ARCHITECTURAL DRAWINGS AND SHALL BE PROVIDED WITH IN-WALL SUPPORT CARRIER WITH THE FEET OF THE SUPPORT SECURELY ANCHORED TO THE FLOOR IN STRICT COMPLIANCE WITH THE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS. PROVIDE CAST IRON SUPPORTS OF GRAPHITIC GRAY IRON, DUCTILE IRON OR MALLEABLE IRON. PROVIDE PRODUCT BY ONE OF THE FOLLOWING: "MIFAB", "WATTS", "JAY R. SMITH" AND "ZURN". a. LAVATORIES & HANDWASH SINKS: FLOOR MOUNTED, ADJUSTABLE WITH CONCEALED ARM SUPPORTS - "MIFAB", MODEL MC-41-HCAI, (OR APPROVED EQUAL).						
NOTE: PENDING THE REVIEW & APPROVAL OF THE PROJECT ARCHITECT & ENGINEER OF RECORD AND WHERE AN IN-WALL SUPPORT CARRIER ISN'T POSSIBLE A BACKING PLATE, ADJUSTABLE WITH CONCEALED ARM SUPPORTS COMPATIBLE WITH THE SPECIFIED FIXTURE - JAY R. SMITH SERIES 0722 (OR APPROVED EQUAL) MAY BE USED.						

CONDENSATE LIFT PUMP SCHEDULE	
SYMBOL	DESCRIPTION
	"LITTLE GIANT", MODEL VCCA-20UL DRAIN PUMP WITH OVERFLOW DETECTION SWITCH. SIZED FOR 10 GALLONS PER HOUR (GPH) DISCHARGE AT 18 FT. HEAD AT 8.6 PSI. ¾" BARBED ¾ TURN RELEASE, TWIST-OFF LOCKING DISCHARGE ADAPTER WITH BUILT-IN CHECK VALVE. UNIT INCLUDES A 6 FT. ELECTRICAL CORD. ELECTRICAL DATA: 115 VOLT, 60 HZ., 1.5 FLA, 93 WATTS TOTAL FULL WEIGHT: 5.4 LBS.

PLUMBING SPECIALTIES				
TAG	DESCRIPTION	MANUFACTURER	MODEL NUMBER	REMARKS
WCO	WALL CLEANOUT	MIFAB	C1460-RD	LINE SIZED NO-HUB CAST IRON STACK CLEANOUT WITH RECESSED THREADED PLUG AND ROUND, SMOOTH, STAINLESS STEEL ACCESS COVER WITH 3 1/2" ANCHOR SCREW.

DEPARTMENT OF HEALTHCARE ACCESS AND INFORMATION

nacht&lewis

800 Q Street, Suite 100
Sacramento, CA 95811
www.nachtandlewis.com
916.328.4000



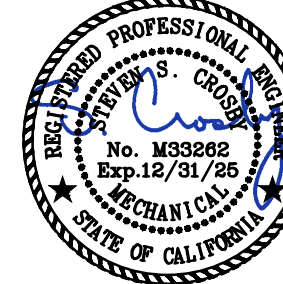
DESIGN PROFESSIONALS OF RECORD

**UCDAVIS
HEALTH**

Facilities Division & Construction
4800 3rd Avenue, Suite 3010
Sacramento, California 95817
9161764-7956

**R&A
ENGINEERING SOLUTIONS**

Professional Engineers
601 University Avenue, Suite 205, Sacramento, CA 95825
Tel: (916) 925-0965 Fax: (916) 925-9239
Web: R&A-ES.com
No. 535896
Exp. 12/31/2024
State of California
Professional Engineer
Design: / Drafting: AM/NER



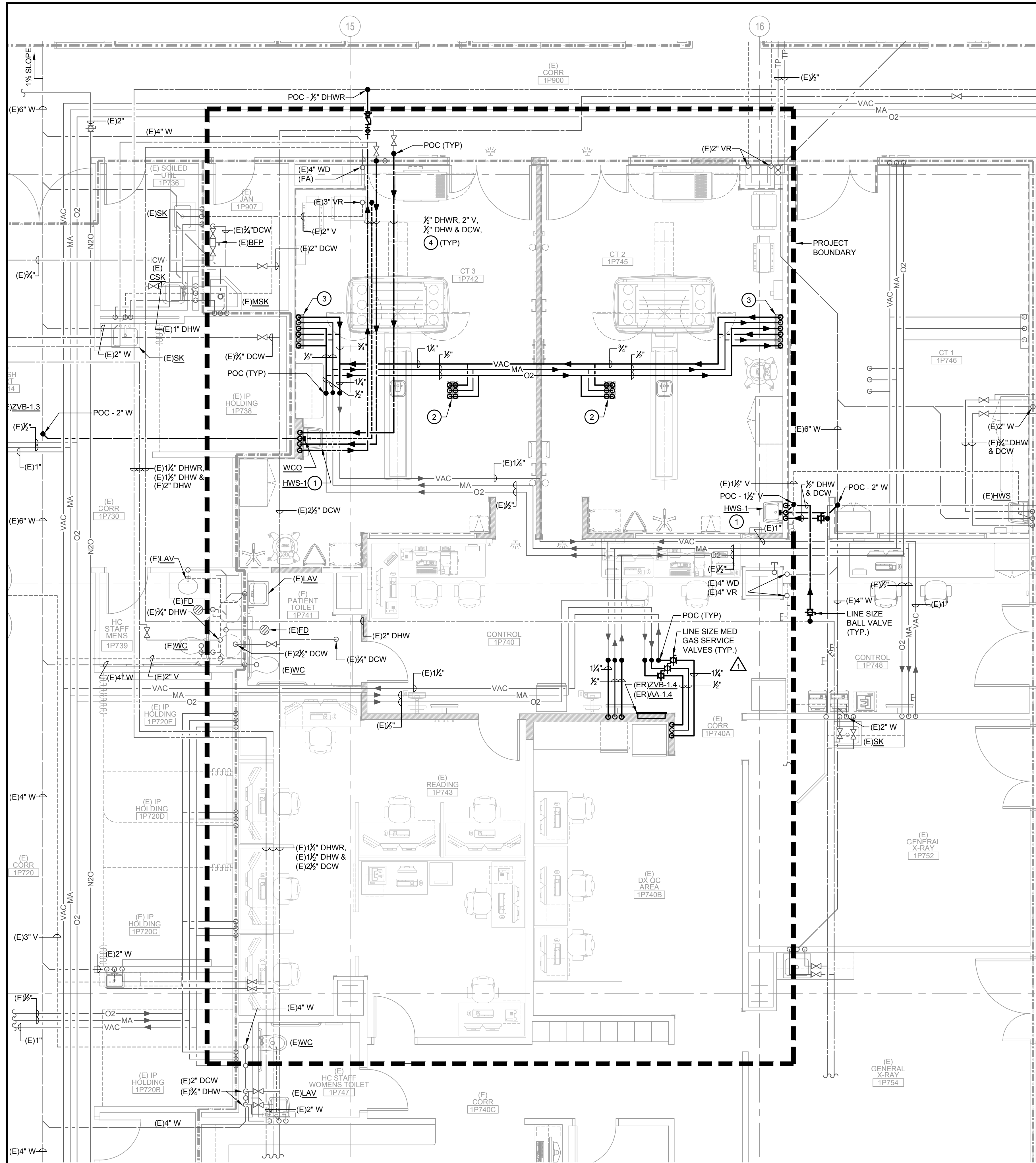
CONSULTANT LOGO:

REV	REVISION DESCRIPTION	DATE
1	BACKCHECK 1	11/1/24
2	ADDENDUM 1 (ACD-001)	10/17/25

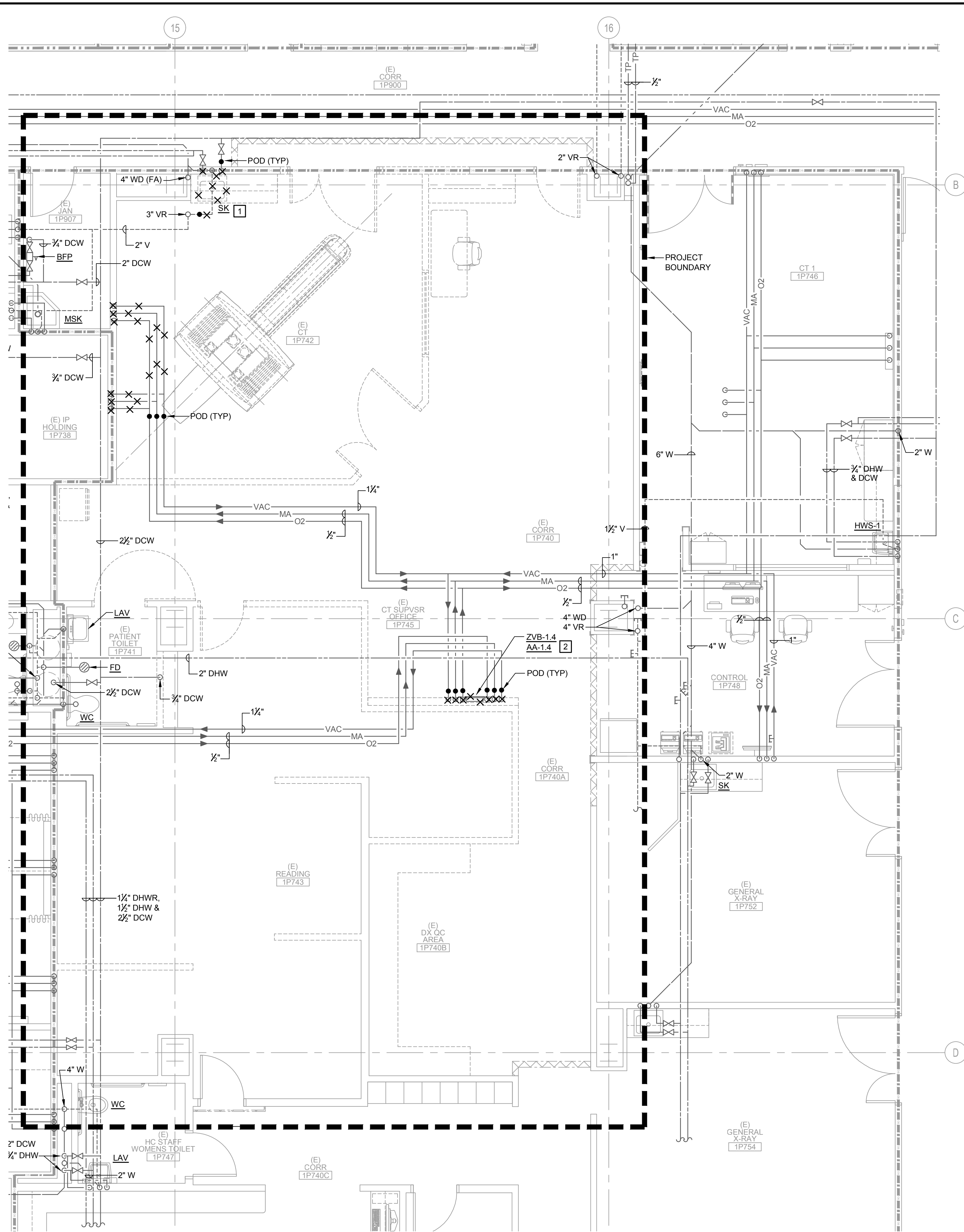
CONSTRUCTION DOCUMENTS

PROJECT NO: 9557740
BUILDING: BLD-02841 - SURGERY AND EMERGENCY SERVICES PAVILION
FLOORING: 1ST FLOOR
PROJECT TITLE: SESP 1P742 1P745 CT SCANNER REPLACEMENT
SHEET TITLE: PLUMBING SCHEDULES

ARCH/ENGR	FS&C JOB NO.	SHEET NO.	
J. Flath/S. Crosby	9557740	P002	
UCMC PROJECT MANAGER	SCALE		
Z. Price	AS SHOWN		
DESIGNED BY	DATE		
SSC	08/09/24		
DRAWN BY	CAD FILE	SHEET	OF
MGE/MJR	-	-	-



2 ENLARGED FIRST FLOOR PLUMBING NEW WORK PLAN
SCALE: 1/4" = 1'-0"



1 ENLARGED FIRST FLOOR PLUMBING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

NEW WORK SHEET NOTES

- 1 PROVIDE NEW FIXTURE, MOUNTING HARDWARE INCLUDING IN-WALL CARRIER (IF APPLICABLE), PIPE EXTENSIONS AND TRANSITIONS TO ALLOW CONNECTION OF NEW FIXTURES TO EXISTING UTILITIES. PIPING SHALL BE BEHIND FINISHED SURFACES TO ACCOMMODATE NEW FIXTURE INSTALLATION. CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS PRIOR TO COMMENCING WORK. SEE DETAIL 3/M-601 FOR MOUNTING DETAIL.
- 2 PROVIDE (2) 3/4" VAC, (2) 1/2" MA & (2) 1/2" O2 TO CEILING OUTLETS. FOR PIPE SUPPORT DETAILS SEE DETAIL 3/P-602 (TYP).
- 3 PROVIDE (2) 3/4" VAC, (2) 1/2" MA & (2) 1/2" O2 DOWN TO WALL OUTLETS. FOR WALL OUTLET DETAIL SEE 2/P-601.
- 4 EXTEND PLUMBING UTILITIES TO NEW FIXTURE. FOR PIPE SUPPORT DETAILS - SEE 2 & 3/P-602.

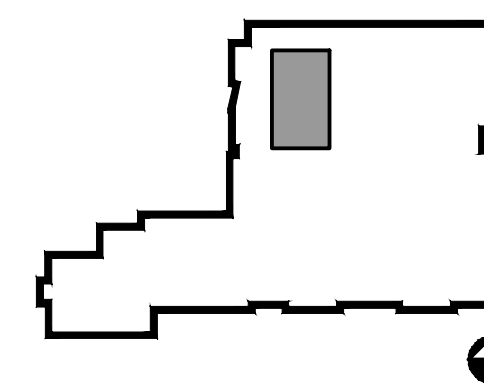
DEMOLITION SHEET NOTES

- 1 REMOVE PLUMBING FIXTURE AND ALL RELATED SUPPORTS AND MOUNTING HARDWARE INCLUDING IN-WALL CARRIERS (IF APPLICABLE). CUT AND PREPARE PIPING WHERE NEW FIXTURE IS TO BE INSTALLED. WHERE NO NEW FIXTURE IS TO BE INSTALLED, CUT, CAP AND PLUG WASTE & VENT PIPING TO BEYOND FINISHED SURFACES. DEMOLISH DCW, DHW & DHWR NOT BEING RE-USED BACK TO THE NEAREST ACTIVE BRANCH LINE ALONG WITH CONNECTION TEES AND ELIMINATE ALL DEADLEGS. REFER TO ARCHITECTURAL PLANS & SPECIFICATIONS FOR DEMOLITION SCOPE OF WORK.
- 2 EXISTING MED GAS ZONE VALVE BOX AND AREA ALARM PANELS INCLUDING PRESSURE SENSORS SHALL BE REMOVED AND RETAINED FOR RELOCATION AND REINSTALLATION AS PER NEW WORK PLAN. MED GAS LINES SHALL BE PREPARED FOR CONNECTION TO NEW. PRIOR DEMOLITION CONTRACTOR SHALL COORDINATE WITH FACILITY AND MEDICAL AIR CERTIFIER FOR REWORK REQUIRED AND DEVELOP A METHOD OF PROCEDURE (MOP). PRIOR TO ANY SHUTDOWN, CONTRACTOR SHALL ALSO COORDINATE WITH CDPH (CALIFORNIA DEPARTMENT OF PUBLIC HEALTH) AS REQUIRED. FACILITY PERSONNEL SHALL PROCURE TEMPORARY VACUUM CANISTERS AND O2 & MA CYLINDERS AS NEEDED TO FACILITATE REWORK PER (MOP). CONTRACTOR SHALL MINIMIZE ANY SHUTDOWN AND INTERIM CANISTER AND CYLINDER USE WHEREVER POSSIBLE. FOR ADDITIONAL INFO REFER TO NEW WORK PLAN 2/P-511.

WALL LEGEND

(E) WALL	(E) PLAN ITEMS TO BE REMOVED
(E) LEAD LINED WALL	PARTITION
(E) 1 HR. FIRE RATED BARRIER	1 HR. FIRE RATED BARRIER
(E) 1 HR. OCCUPANCY SEPARATION	TEMP. CONSTRUCTION BARRIER
(E) 2 HR. FIRE BARRIER	
(E) 2 HR. HORIZONTAL EXIT / SMOKE BARRIER	

KEYPLAN



DEPARTMENT OF HEALTHCARE ACCESS AND INFORMATION

nacht&lewis

800 Q Street, Suite 100
Sacramento, CA 95811
www.nachtandlewis.com
916.328.4000



DESIGN PROFESSIONALS OF RECORD

UCDAVIS HEALTH

Facilities Design & Construction
4500 3rd Avenue, Suite 3010
Sacramento, California 95817
(916) 754-7000

R&A ENGINEERING SOLUTIONS

Professional Engineer
No. 43308
Exp. 12/31/2024
State of California

CONSULTANT LOG:

REV	REVISION DESCRIPTION	DATE
1	BACKCHECK 1	11/1/24
2	ADDENDUM 1 (ACD-001)	10/17/25

CONSTRUCTION DOCUMENTS

BLD-02841 - SURGERY AND EMERGENCY SERVICES PAVILION

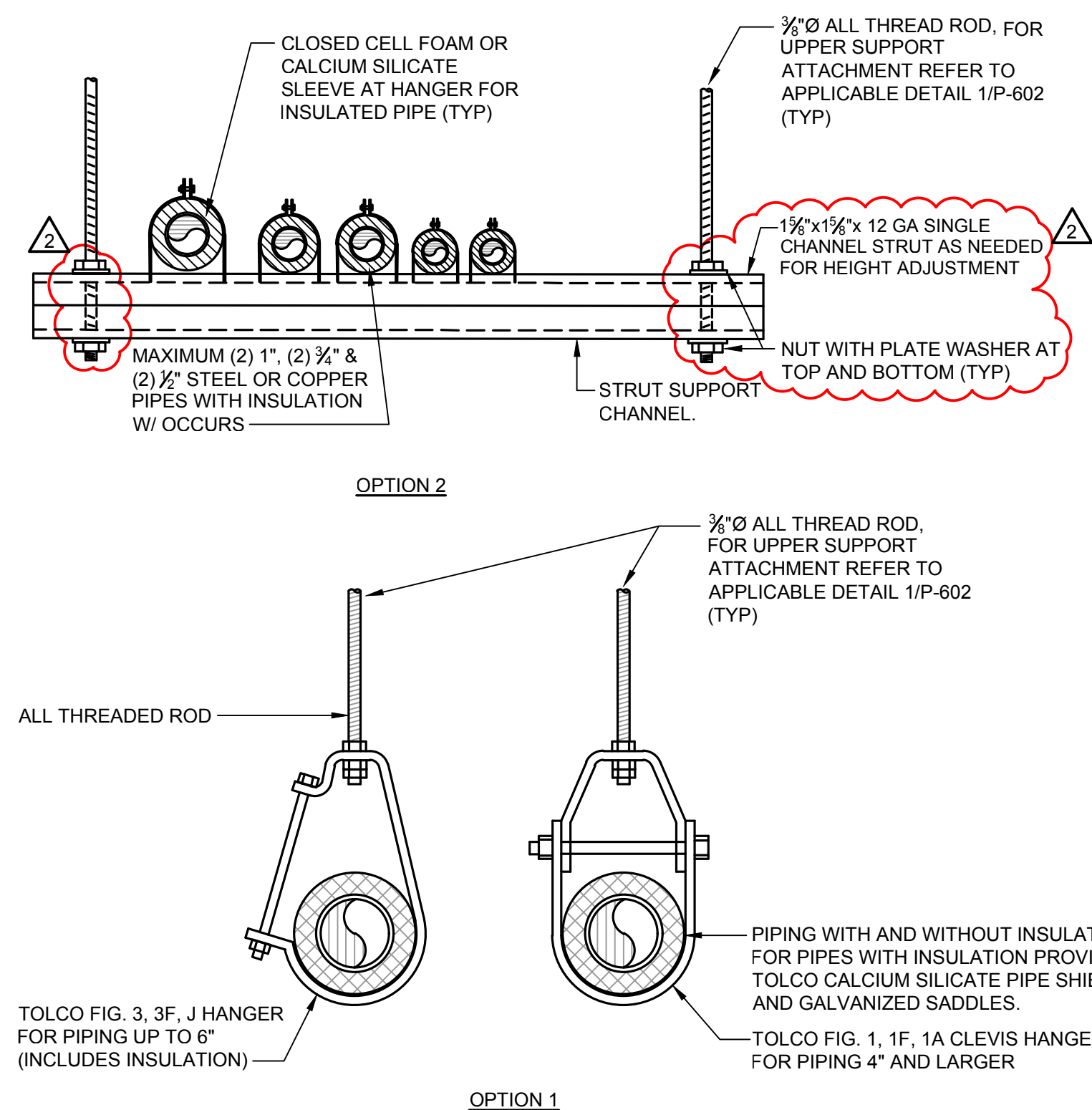
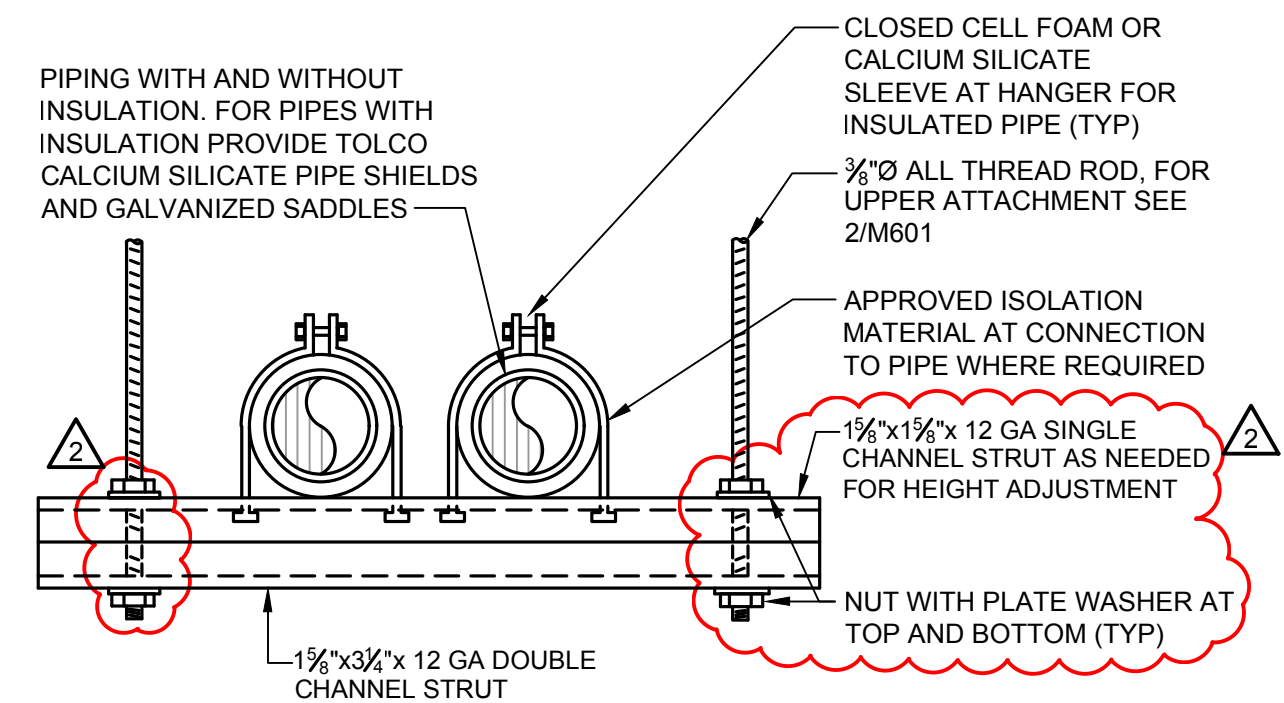
1ST FLOOR

SESP 1P742 1P745 CT SCANNER REPLACEMENT

ENLARGED 1ST FLOOR PLUMBING PLANS

PROJECT NO. 9557740

ARCH/ENGR J. Flath/S. Crosby	FS&C JOB NO. 9557740	SHEET NO. P511
WCMC PROJECT MANAGER Z. Price	SCALE AS SHOWN	
DESIGNED BY SSC	DATE 08/09/24	
DRAWN BY MGE/MJR	CAD FILE	SHEET OF

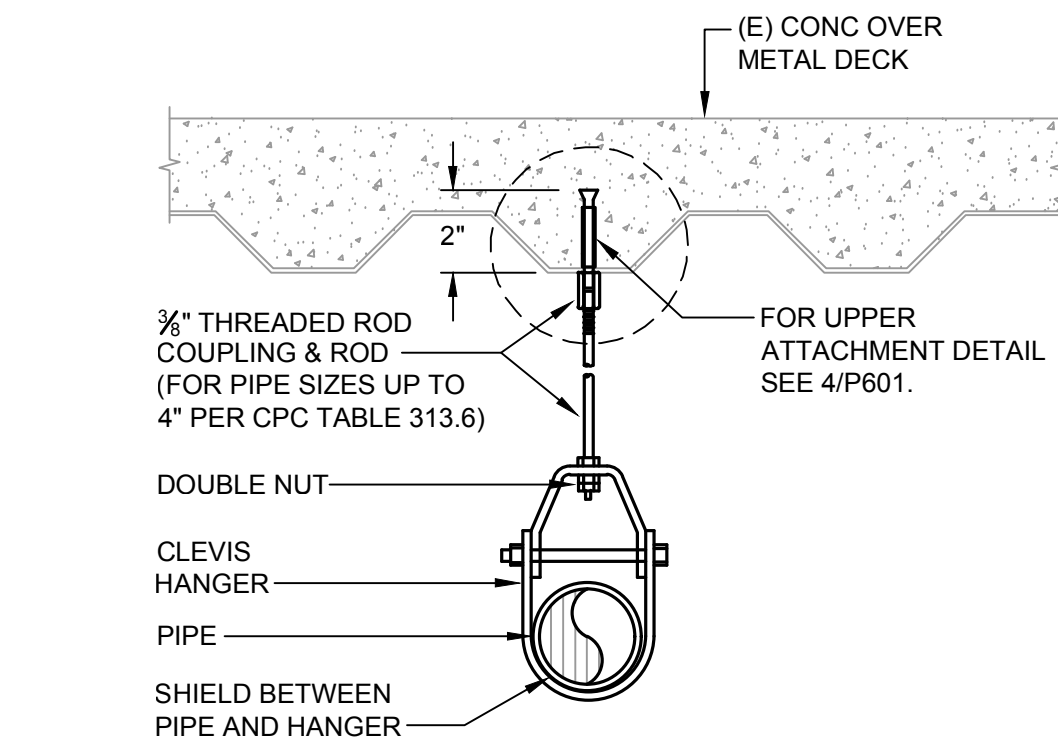


NOTES:

- DOUBLE NUT ALL HANGERS AT BOTTOM OF HANGER RODS.
- COORDINATE WITH ELECTRICAL AND CONTROLS CONTRACTOR FOR SUPPORT OF CONDUITS WITHIN TRAPEZE HANGERS. MAX. 100 LBS PER TRAPEZE HANGER [CBC 1617A.1.26].
- ALL SUPPORT SPACING REQUIREMENTS SHALL COMPLY WITH CMC TABLE 313.3 AND CMC 1109.6 REQUIREMENTS AND PER TABLES IN DETAIL 5/P601.
- ALL HANGERS MAY BE INSTALLED UP TO 5 DEGREES OUT OF PLUMB.
- MAX. 50 LBS PER SINGLE HANGER [CBC 1617A.1.26].
- MAX. HANGER ROD LENGTH SHALL BE 5'-0" (TYP). ROD HANGERS LENGTHS USED SHALL BE INSTALLED TO AVOID IMPACT WITH OTHER STRUCTURAL OR NONSTRUCTURAL COMPONENTS OR PRECAUTIONS SHALL BE MADE TO PROTECT PIPING IN EVENT OF SUCH IMPACT. [CBC 1617A.1.26 A.]

NON-SEISMIC PIPE HANGER SUPPORT DETAILS

SCALE: NONE



PLUMBING PIPE GRAVITY - (CAST IRON HUBLESS)					
DIAMETER	WASTE/RAINWATER		VENT		SEISMIC REQUIRED
	LB/FT	MAX. SPACING (SEE NOTE 2)	LB/FT	MAX. SPACING (SEE NOTE 2)	
1/2"	6.40	-	2.9	-	NO
2"	8.80	-	3.8	-	NO
3"	13.70	-	5.4	-	NO

MEDICAL GASES - COPPER (TYPE L)				
Diameter	LB/FT	MAX. SPACING (FT)	NON-HCAI SEISMIC REQ'D	HCAI SEISMIC REQ'D
1/2"	0.28	6	NO	NO
3/4"	0.45	6	NO	NO
1"	0.65	6	NO	NO

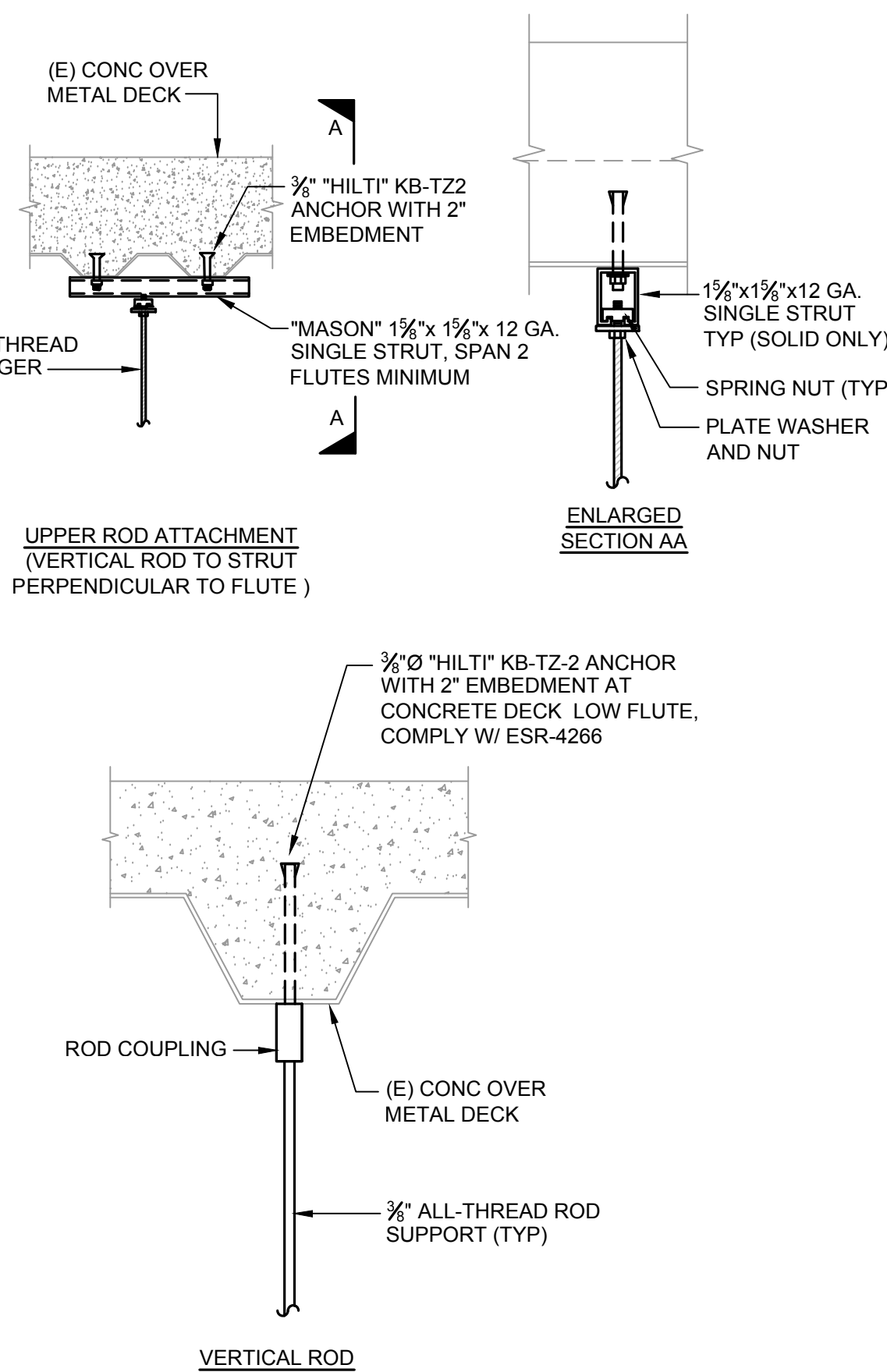
DOMESTIC WATER - COPPER (TYPE L)			
Diameter	LB/FT W/INSUL.	MAX. SPACING (FT)	SEISMIC REQUIRED
1/2"	.99	6	NO
3/4"	1.36	6	NO
1"	1.80	6	NO

NOTES:

- DETAIL SHOWN IS FOR GRAVITY SUPPORT OF PLUMBING UTILITY PIPING WITH SIZES NOTED. ANCHOR INSTALLATION SHALL COMPLY WITH OPM-0043-13 PAGE M2.20. FOR SEISMIC REQUIREMENTS REFER TO OPM-0043-13. NOTE THAT THERE ARE SPECIFIC EXCEPTIONS WHERE SEISMIC BRACING IS NOT REQUIRED, SUCH AS WHEN PIPE WEIGHT IS LESS THAN 5 LBS/LINEAR FOOT OR WHEN PIPE IS SUPPORTED WITHIN 12" OF STRUCTURE. REFER TO OPM FOR SPECIFIC INSTRUCTIONS. WHERE SEISMIC IS REQUIRED PROVIDE SEISMIC BRACING AND ROD STIFFENERS PER OPM. PIPING WITH NON-HAZARDOUS CONTENT WHICH WEIGH LESS THAN OR EQUAL TO 5 LBS/FT SUCH AS MEDICAL VACUUM OR COMPRESSED AIR ARE EXEMPT FOR SEISMIC DESIGN.
- ALL SUPPORT SPACING AND BRACING REQUIREMENTS SHALL COMPLY WITH CPC TABLE 313.3.
- PIPING WITH NON-HAZARDOUS CONTEXTS WHICH WEIGH LESS THAN OR EQUAL TO 5 LBS/FT SUCH AS MEDICAL VACUUM OR COMPRESSED AIR ARE EXEMPT FOR SEISMIC DESIGN.

NON-SEISMIC PIPE HANGER SUPPORT DETAILS

SCALE: NONE

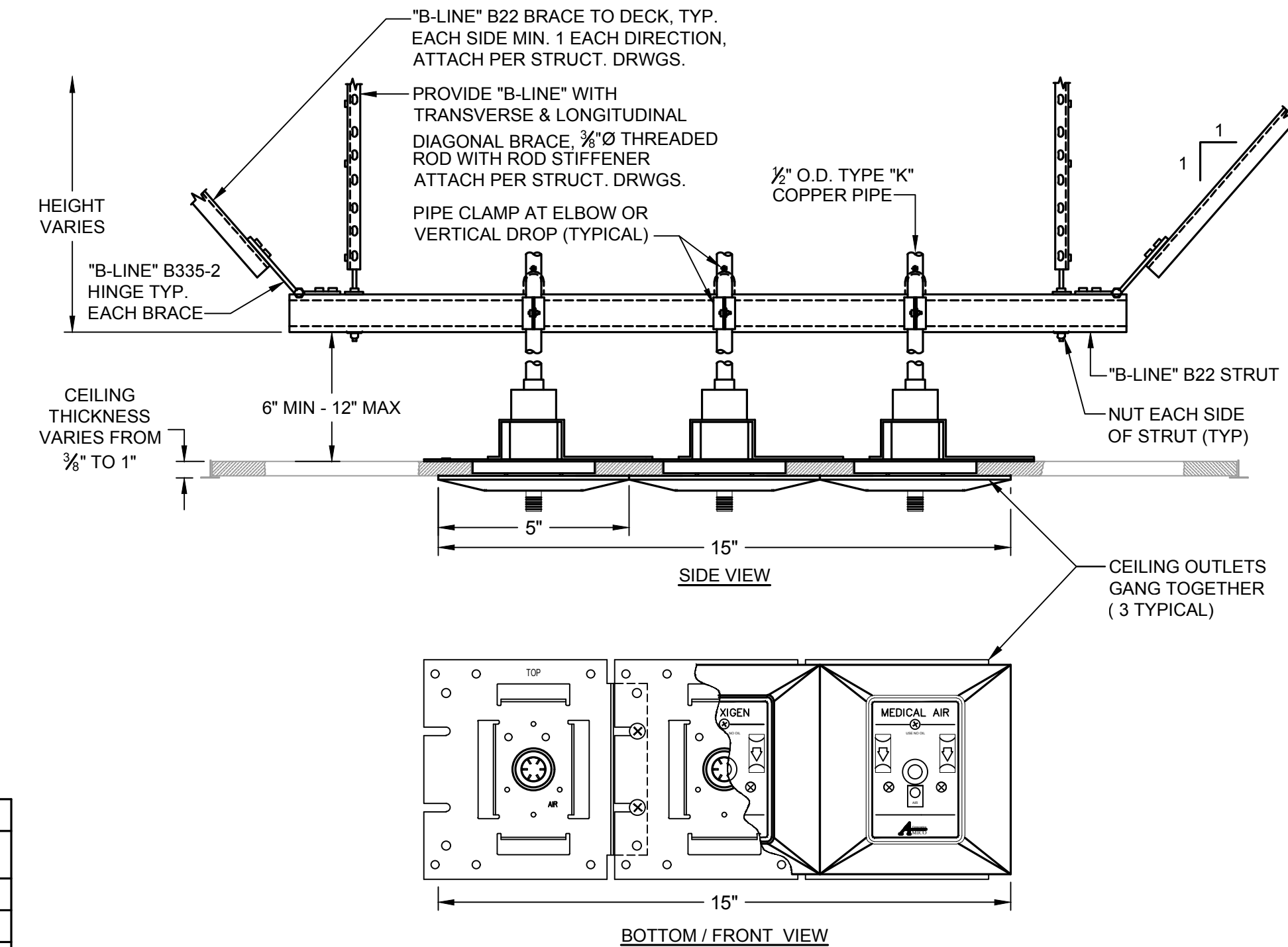


NOTES:

- 124 LBS. MAX LOAD PER SUPPORT LOCATION.
- INSTALLATION, INSPECTION AND TESTING OF POST-INSTALLED ANCHORS SHALL BE PER STRUCTURAL REQUIREMENTS. SEE ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.
- MIN. SPACING FROM ANY OTHER ADJACENT HANGER, SPLAY OR SUPPORT ROD SHALL BE 12".
- SEE SHEET A635 FOR ALTERNATE ANCHORAGE TO CONCRETE FILLED METAL DECK.

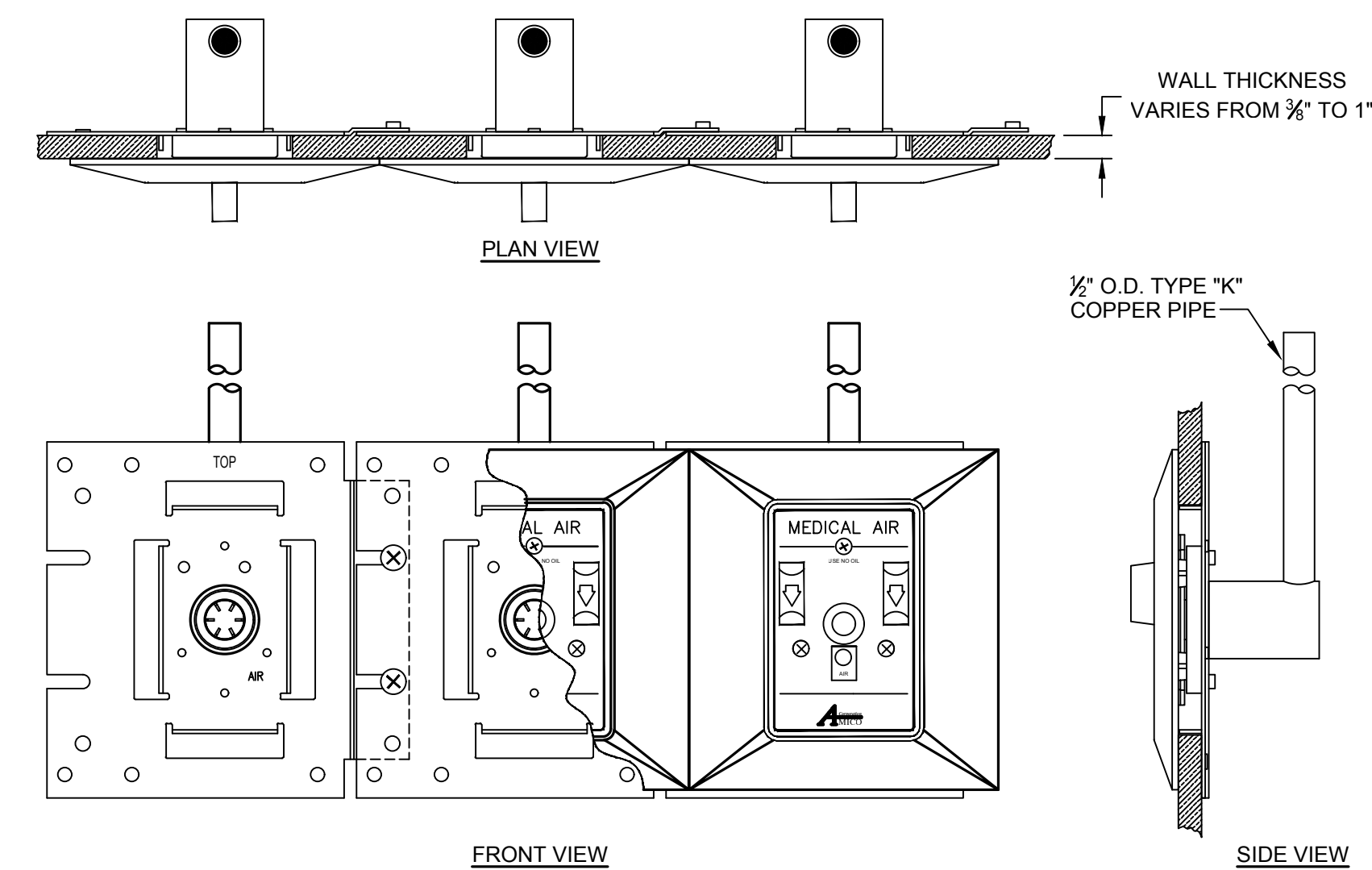
VERTICAL UPPER ATTACHMENT DETAIL

SCALE: NONE



MEDICAL GAS CEILING OUTLET DETAIL

SCALE: NONE

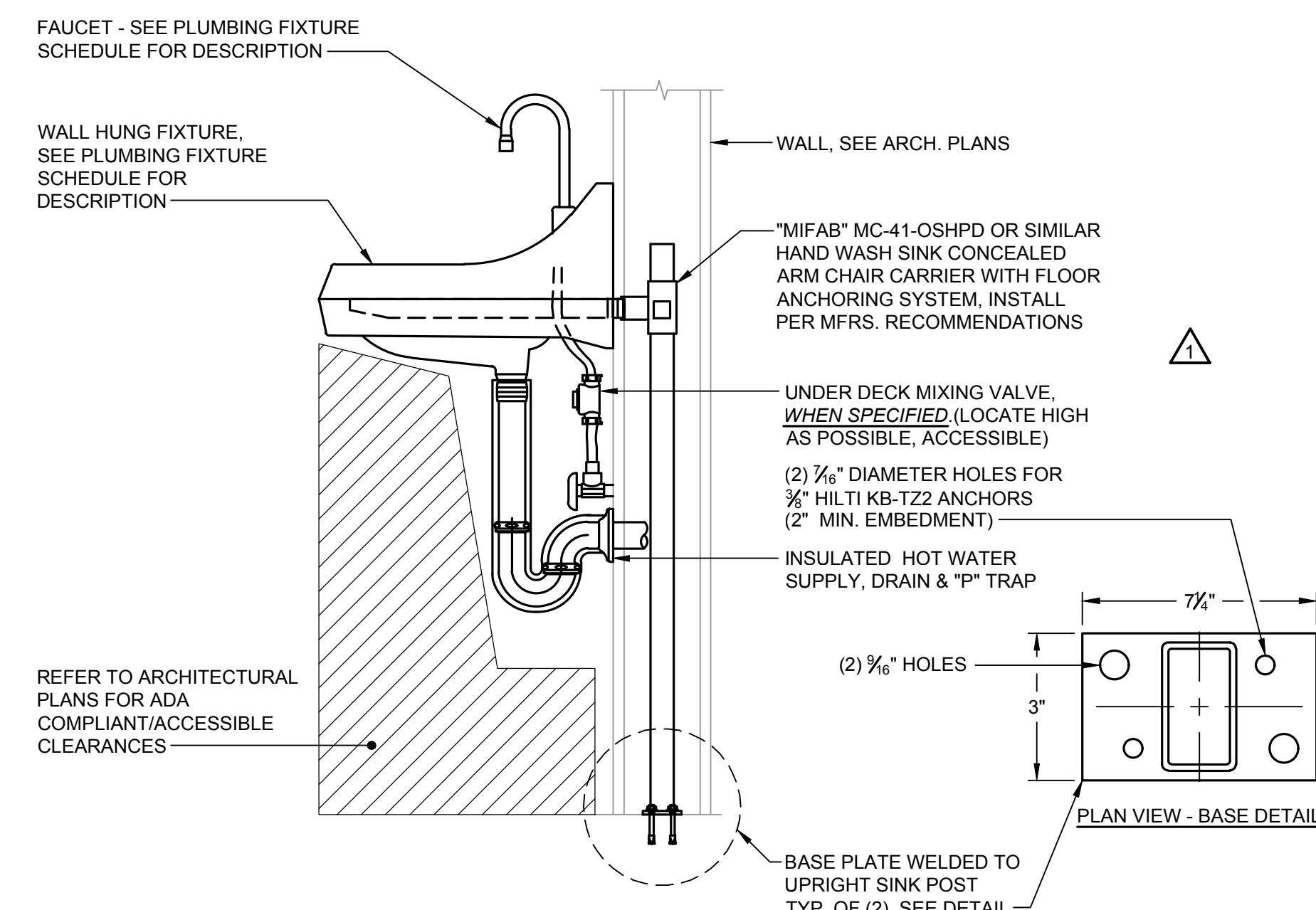


NOTE:

MAXIMUM 3 OUTLETS MAY BE GANGED TOGETHER WITHOUT ADDITIONAL SUPPORT.

MEDICAL GAS WALL OUTLET DETAIL

SCALE: NONE



NOTE:

WALL HUNG LAVATORY INSTALLATION TO COMPLY WITH CBC 2022 FIG.11B-306.3. COORDINATE W/ ARCHITECTURAL PLANS.

HAND WASH SINK INSTALLATION DETAIL (ADA)

SCALE: NONE

DEPARTMENT OF HEALTHCARE ACCESS AND INFORMATION

nacht&lewis

800 Q Street, Suite 100
Sacramento, CA 95811
www.nachtlewis.com
916.328.4000



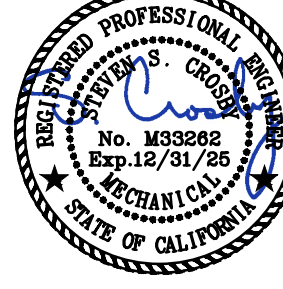
DESIGN PROFESSIONALS OF RECORD:

**UCDAVIS
HEALTH**

Facilities Design & Construction
4500 2nd Avenue Suite 3010
Sacramento, California 95817
9161724-7000

**R&A
ENGINEERING SOLUTIONS**

Professional Engineer
No. 83308
Exp. 12/31/2025
401 University Avenue, Suite 205, Sacramento, CA 95825
Tel. (916) 925-0965 Fax. (916) 925-9239
R&A License Number: 9441623
Max. Exp. 12/31/2025
Designer / Draftsman: AM/NER



CONSULTANT LOGO:

REV	REVISION DESCRIPTION	DATE
1	BACKCHECK 1	11/1/24
2	ADDENDUM 1 (ACD-001)	10/17/25

CONSTRUCTION DOCUMENTS

BLDG NO. 02841 - SURGERY AND EMERGENCY SERVICES PAVILION

FLOORING: 1ST FLOOR

PROJECT TITLE: SESP 1P742 1P745 CT SCANNER REPLACEMENT

SHEET TITLE: PLUMBING DETAILS

PROJECT NO. 9557740

DRAWN BY: MGE/MJR

ARCH/ENGR	FS&C JOB NO.	SHEET NO.
J. Flath/S. Crosby	9557740	P601
FS&C PROJECT MANAGER	SCALE	AS SHOWN
Z. Price	DATE	08/09/24
DESIGNED BY	CAD FILE	SHEET
SSC	-	OF -

NUMBERED NOTES

- 21 PULL IN (2) NEW NEUTRAL CONDUCTORS IN (E) 3/4" CONDUIT AS INDICATED.

NUMBERED NOTES

- 11 EXTEND (E) CIRCUIT TO (N) DEVICES AS INDICATED.
 12 PROVIDE (N) J-BOX TO INTERCEPT AND EXTEND (E) CIRCUIT TO (N) DEVICE AS INDICATED.
 13 INTERCEPT AND EXTEND (E) CONDUIT AS REQUIRED. PULL IN (N) CONDUCTORS AS INDICATED.
 14 PROVIDE 1" MT FOR AUTO DOOR CONTROL WIRING. COORDINATE WITH AUTO DOOR MANUFACTURER REQUIREMENT.
 15 PYXIS, 120V, 3 AMP.
 16 UNDER COUNTER REFRIGERATOR, 120V, 966 WATTS.
 17 J-BOX ABOVE CEILING SPACE FOR MEDICAL GAS SYSTEM HOSE REEL. COORDINATE WITH VENDOR FOR MOUNTING REQUIREMENT.
 18 HATCHED AREA INDICATED WORKING CLEARANCE.
 19 RECEPTACLE FOR PDC EQUIPMENT "PAD". REFER TO PDC LIGHTING VENDOR DRAWING FOR ADDITIONAL INFORMATION.
 20 (N) 10"x3.5" SURFACE WALL DUCT WITH MINIMUM 2 DIVIDERS. REFER TO GE VENDOR DRAWING FOR MORE INFORMATION.

NUMBERED NOTES

- 1 (E) 125A/3P BREAKER DISCONNECT SHALL BE REMOVED.
 2 (N) 175A/3P BREAKER DISCONNECT SHALL BE PROVIDED. REFER TO GE VENDOR DRAWING FOR ADDITIONAL INFORMATION.
 3 (N) WARMING CABINET, 120V, 7.0 AMP.
 4 AUTO DOOR OPERATOR, 120V, 2.5 AMP. CONNECT TO (E) FIRE ALARM SYSTEM AS REQUIRED TO DE-ENERGIZE POWER DURING FIRE ALARM EVENT.
 5 SINK SENSOR, 120V, 50 WATT.
 6 RECEPTACLE FOR PDC EQUIPMENT "LCR". REFER TO PDC LIGHTING VENDOR DRAWING FOR ADDITIONAL INFORMATION. MOUNT AT +82" AFF.
 7 (ER) MED GAS ALARM PANEL. COORDINATE LOCATION WITH MECHANICAL DRAWINGS.
 8 SLAVE MONITOR, 120V, 50 WATTS.
 9 (N) ACUPANEL ENERGY PANEL #9104X-IIR-mV-P3V3-WEB2. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND ONE LINE DIAGRAM FOR MORE INFORMATION.
 10 REFER TO GE VENDOR DRAWINGS FOR ADDITIONAL INFORMATION AND REQUIREMENTS FOR CT SCAN EQUIPMENT CONDUITS.

SHEET NOTES

1. SEE OVERALL FLOOR PLAN(S) FOR (E) PANEL LOCATION(S).
 2. DIMENSIONS INDICATED ON PLANS ARE TO THE CENTER OF THE BOX, ABOVE FINISHED FLOOR, COORDINATE FINAL MOUNTING HEIGHT WITH THE ARCHITECTURAL DRAWINGS.
 3. LOCATIONS AND MOUNTING HEIGHTS OF WALL MOUNTED WIRING DEVICES SUCH AS POWER RECEPTACLES, DATA OUTLETS, SWITCHES, DIMMERS, ETC., ARE TO BE ULTIMATELY COORDINATED W/ ARCHITECTURAL DRAWINGS.
 4. ALL FIRE ALARM DEVICES (NEW AND EXISTING RELOCATED) SHALL CONNECTS TO EXISTING FIRE ALARM SYSTEM AS REQUIRED.

DEPARTMENT OF HEALTHCARE ACCESS AND INFORMATION

nacht&lewis

600 Q Street, Suite 100
 Sacramento, CA 95811
 www.nachtandlewis.com
 916.329.4000



DESIGN PROFESSIONALS OF RECORD

**UCDAVIS
HEALTH**

FACILITIES DESIGN & CONSTRUCTION
 4800 2nd Avenue Suite 3010
 Sacramento, California 95817
 (916) 734-7934

EDGE

Project Number: K044
 Contact: JOHNNY
 400 R Street, Ste 333
 Sacramento, CA 95811
 916.296.2460
 Sacramento | Alameda | Irvine

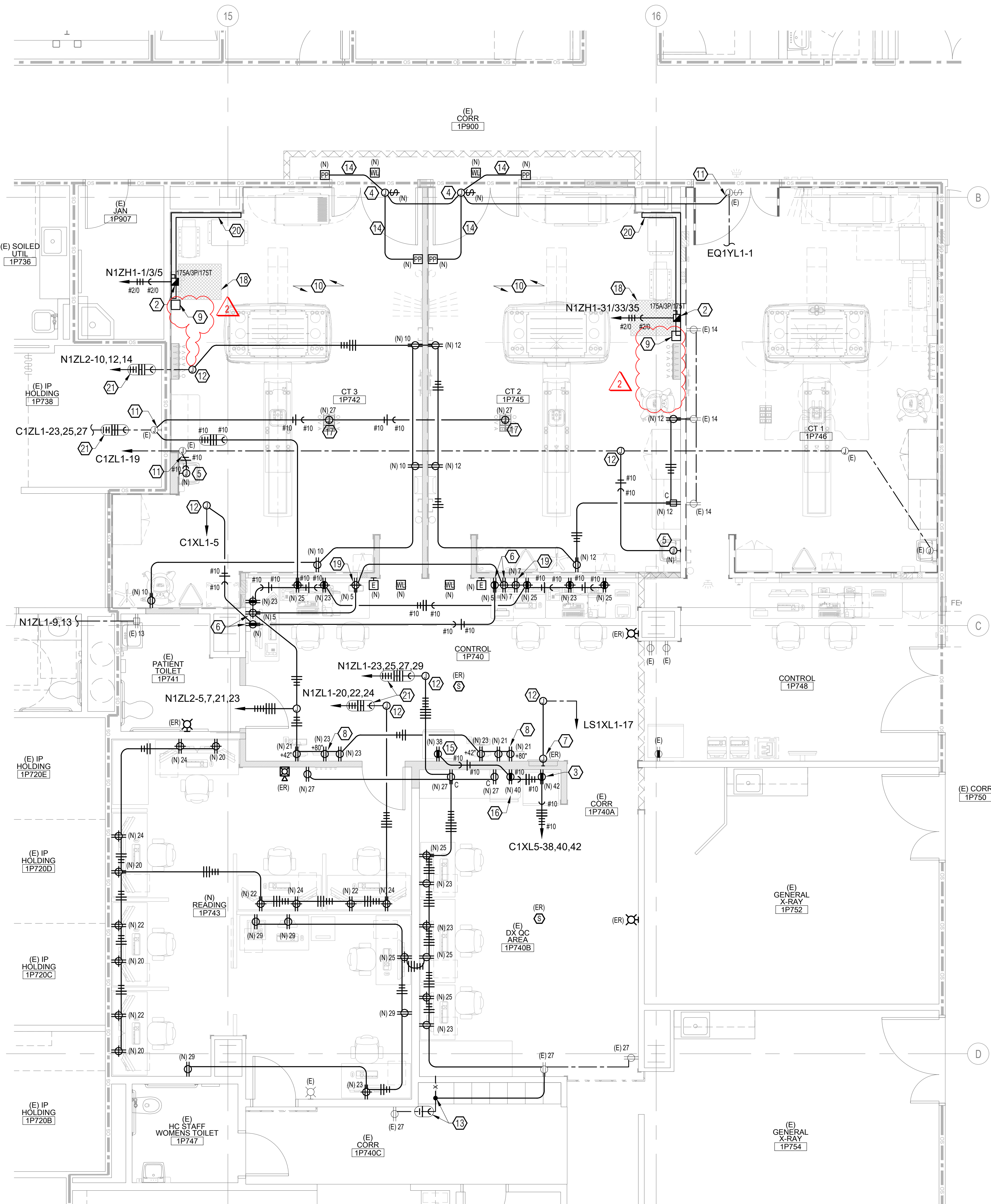


REV	REVISION DESCRIPTION	DATE
2	ADDENDUM 1 (ACD-001)	10/14/2025

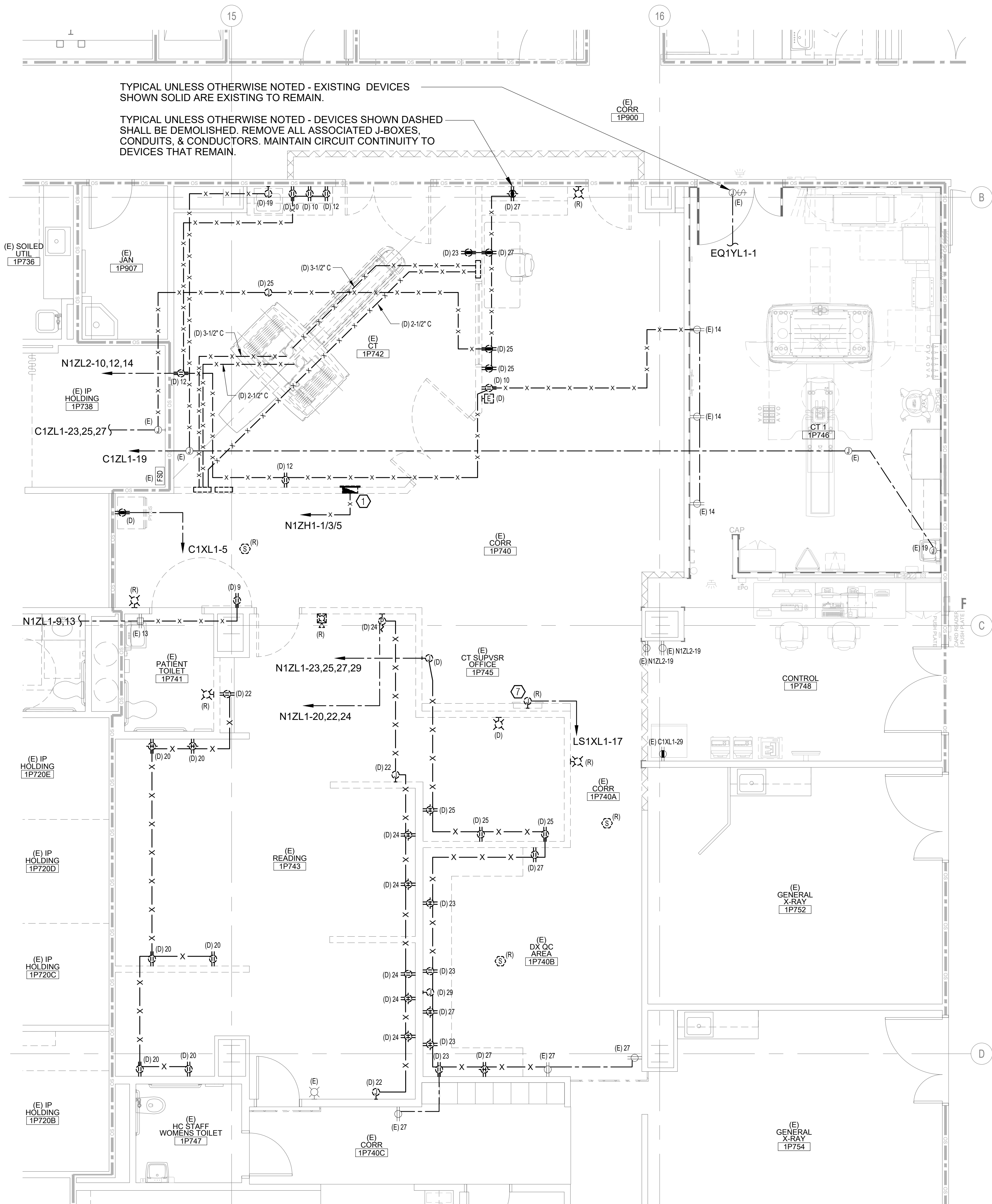
CONSTRUCTION DOCUMENTS

ACCOUNT NO. 9557740
 ORDER NO. S241219-34-00
 BUILDING: BLD-02841 - SURGERY AND EMERGENCY SERVICES PAVILION
 FLOOR/WING: 1ST FLOOR
 PROJECT TITLE: SESEP 1P742 1P745 CT SCANNER REPLACEMENT
 SHEET TITLE: ENLARGED FIRST FLOOR PLAN - DEMO & NEW POWER

ARCH./ENGR.	FD&C JOB NO.	SHEET NO.
J. Flath	-	E2.01
UCMC PROJECT MANAGER	SCALE	AS SHOWN
Z. Price	DATE	
DESIGNED BY	CAD FILE	SHEET
J. Luong	-	OF



2 ENLARGED FIRST FLOOR PLAN - NEW POWER
 1/4" = 1'-0"



1 ENLARGED FIRST FLOOR PLAN - DEMO POWER
 1/4" = 1'-0"

NUMBERED NOTES

- 1 EXTEND (E) CIRCUIT TO (N) DEVICES AS INDICATED.
- 2 REFER TO MECHANICAL DRAWINGS FOR MORE INFORMATION, DETAIL, AND EXACT LOCATION.
- 3 REFER TO PLUMBING DRAWINGS FOR MORE INFORMATION, DETAIL, AND EXACT LOCATION.
- 4 RECIRCUIT HOMERUN FROM CIRCUIT EQ2XL1-32 TO CIRCUIT EQ2ZL2-26 AS REQUIRED. UPDATE EXISTING JUNCTION BOX LABELS AS REQUIRED.
- 5 MOUNT RECEPTACLE ON COLUMN.

DEPARTMENT OF HEALTHCARE ACCESS AND INFORMATION

nacht&lewis

600 Q Street, Suite 100
Sacramento, CA 95811
www.nachtlewis.com
916.329.4000



DESIGN PROFESSIONALS OF RECORD

**UCDAVIS
HEALTH**

FACILITIES DESIGN & CONSTRUCTION
4800 2nd Avenue Suite 3010
Sacramento, California 95817
(916) 734-7934

EDGE Project Number: K044
Contact: JOHNNY
400 R Street, Ste 333
Sacramento, CA 95811
916.296.2460
Sacramento | Alameda | Irvine

UCDAVIS HEALTH
No. E 19416
10/16/2025

REV	REVISION DESCRIPTION	DATE
2	ADDENDUM 1 (ACD-001)	10/14/2025

CONSTRUCTION DOCUMENTS

ACCOUNT NO. 9557740
PROJECT NO. S241219-34-00
BUILDING: BLD-02841 - SURGERY AND EMERGENCY SERVICES PAVILION
FLOOR/WING: 1ST FLOOR
PROJECT TITLE: SESEP 1P742 1P745 CT SCANNER REPLACEMENT
SHEET TITLE: ENLARGED SECOND FLOOR PLAN - NEW POWER

ARCHITECT: J. Flath
UCMCM PROJECT MANAGER: Z. Price
DESIGNED BY: J. Luong
DRAWN BY: J. Luong

FD&C JOB NO.: -
SCALE: AS SHOWN
DATE: -
CAD FILE: -

SHEET NO.: E2.03
SHEET: OF

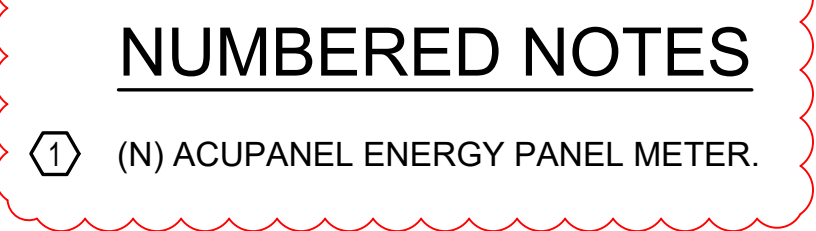


1 ENLARGED SECOND FLOOR PLAN - NEW POWER
1/8" = 1'-0"



THE FEEDER AND OVER-CURRENT PROTECTION FOR THE EXISTING LEVEL II PANELS INDICATED BELOW HAVE BEEN CHECKED BY THE ELECTRICAL ENGINEER AND SUFFICIENT LOAD CAPACITY EXISTS AT THIS POINT IN THE ELECTRICAL DISTRIBUTION SYSTEM.


GORDON PAK KEI WONG
ENGINEER #E018416



1 PARTIAL ONE LINE DIAGRAM
NO SCALE

nacht&lewis

UC DAVIS
HEALTH



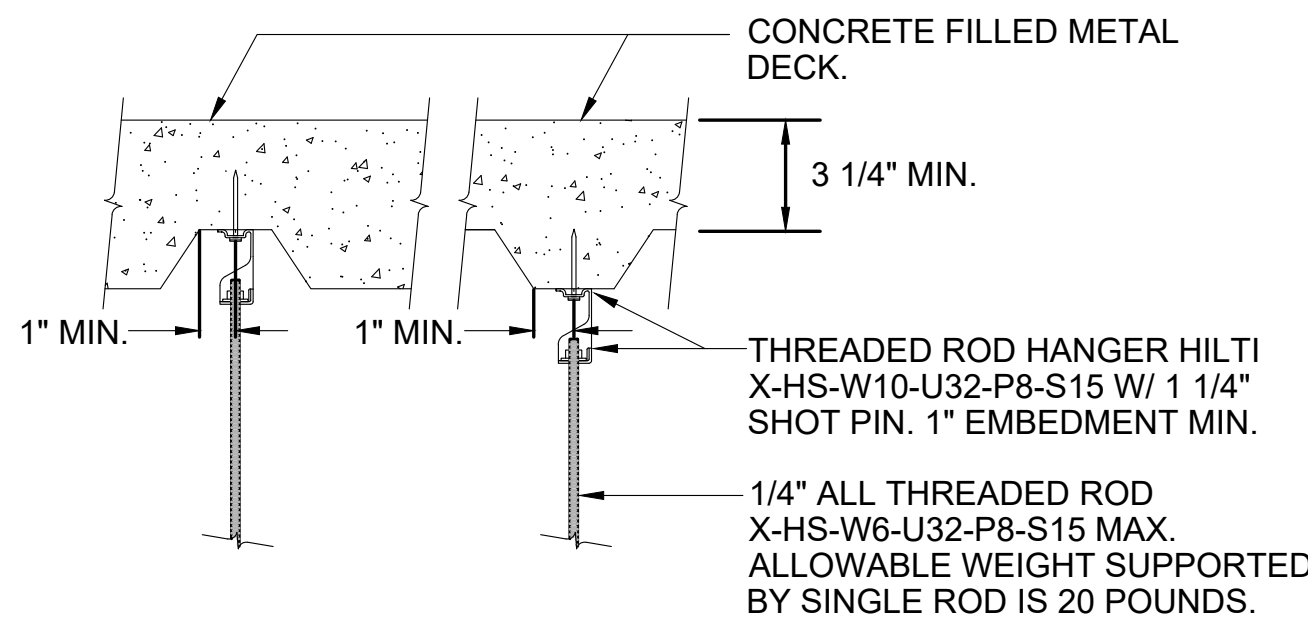
Project Number K044
 Contact JOHNNY
 400 R Street, Ste 333
 Sacramento, CA 95811
 916.256.2460
 Sacramento | Alameda | Irvine

[illegible]

S241219-34-00
BUILDING: **BLD-02841 - SURGERY AND EMERGENCY SERVICES PAVILION**
FLOOR/WING: **1ST FLOOR**

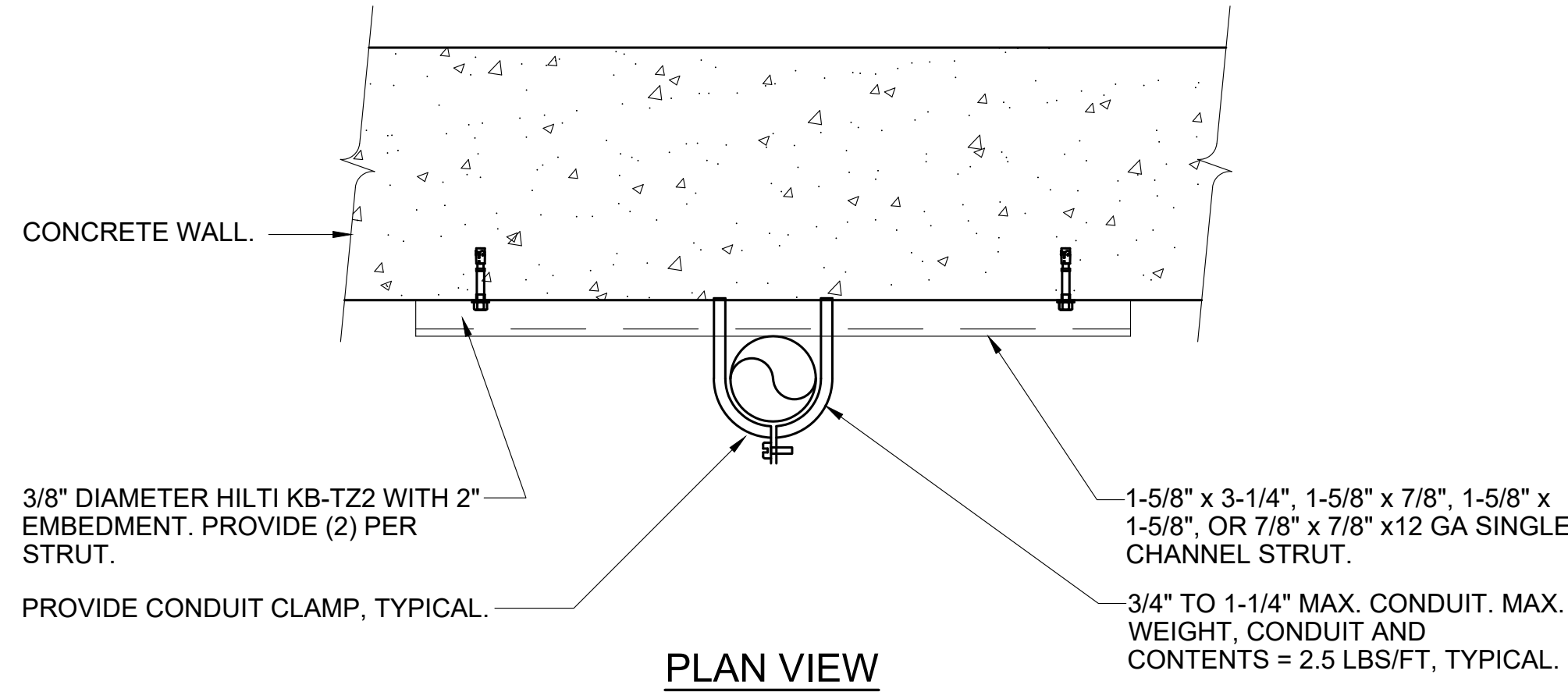
LOOK
PROJECT TITLE: SESP 1P742 1P745 CT SCANNER
REPLACEMENT
SHEET TITLE: (E) PARTIAL ONE LINE DIAGRAM

ARCH. \ENGR.	FD&C JOB NO.	SHEET NO.	
J. Flath	-	E3.01	
UCDMC PROJECT MANAGER	SCALE		
Z. Price	AS SHOWN		
DESIGNED BY	DATE		
J. Luong	-		
DRAWN BY	CAD FILE	SHEET	OF
J. Luong	-		



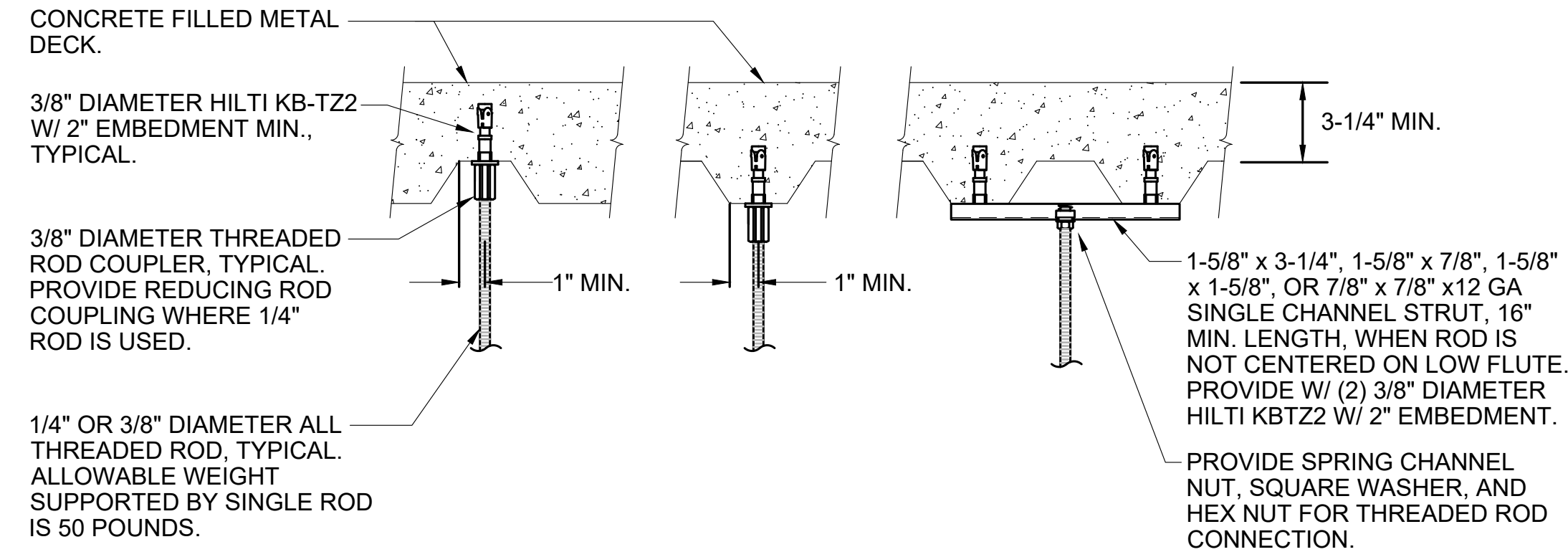
NOTES:

- UPON INSTALLATION OF FASTENER INTO CONCRETE FILLED METAL DECK, CONTRACTOR TO PATCH/REPAIR DAMAGE TO EXISTING. SPRAY APPLIED FIREPROOFING, AS REQUIRED, TO RESTORE ORIGINAL FIREPROOFING THICKNESS AND FIRE RATING.
- ANCHOR MAY BE PLACED AT HIGH OR LOW FLUTE, CENTER ANCHOR IN FLUTE.
- TENSION TEST 10% OF CEILING CLIP ASSEMBLIES TO 20 LBS. SEE "POST INSTALLED" NOTES AND "POST INSTALLED ANCHOR TESTING CRITERIA" NOTES ON STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- MAX. LENGTH OF ROD IS 60 INCHES.
- SEE SHEET A635 FOR ALTERNATE ANCHORAGE TO CONCRETE FILLED METAL DECK.



NOTES:

- STRUT SUPPORTS SHALL BE LOCATED AT 10'-0" O.C., MAX.
- NO SLOTTED OR PREPUNCHED STRUTS PERMITTED.
- SEE SHEET A635 FOR ALTERNATE ANCHORAGE TO CONCRETE FILLED METAL DECK.



NOTES:

- VERIFY THAT CONCRETE OVER METAL DECK MUST COMPLY WITH FIGURES 5A TO 5D IN ICC ESR-4266.
- UPON INSTALLATION OF FASTENER INTO CONCRETE FILLED METAL DECK, CONTRACTOR TO PATCH/REPAIR DAMAGE TO EXISTING. SPRAY APPLIED FIREPROOFING, AS REQUIRED, TO RESTORE ORIGINAL FIREPROOFING THICKNESS AND FIRE RATING.
- ANCHOR MAY BE PLACED AT HIGH OR LOW FLUTE, CENTER ANCHOR IN FLUTE.
- TORQUE TEST 50% OF EXPANSION ANCHORS TO 30FT-LBS. SEE "POST INSTALLED" NOTES AND "POST INSTALLED ANCHOR TESTING CRITERIA" NOTES ON STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- SEE SHEET A635 FOR ALTERNATE ANCHORAGE TO CONCRETE FILLED METAL DECK.

7 1/4" THREADED ROD TO CONCRETE FILLED METAL DECK DETAIL

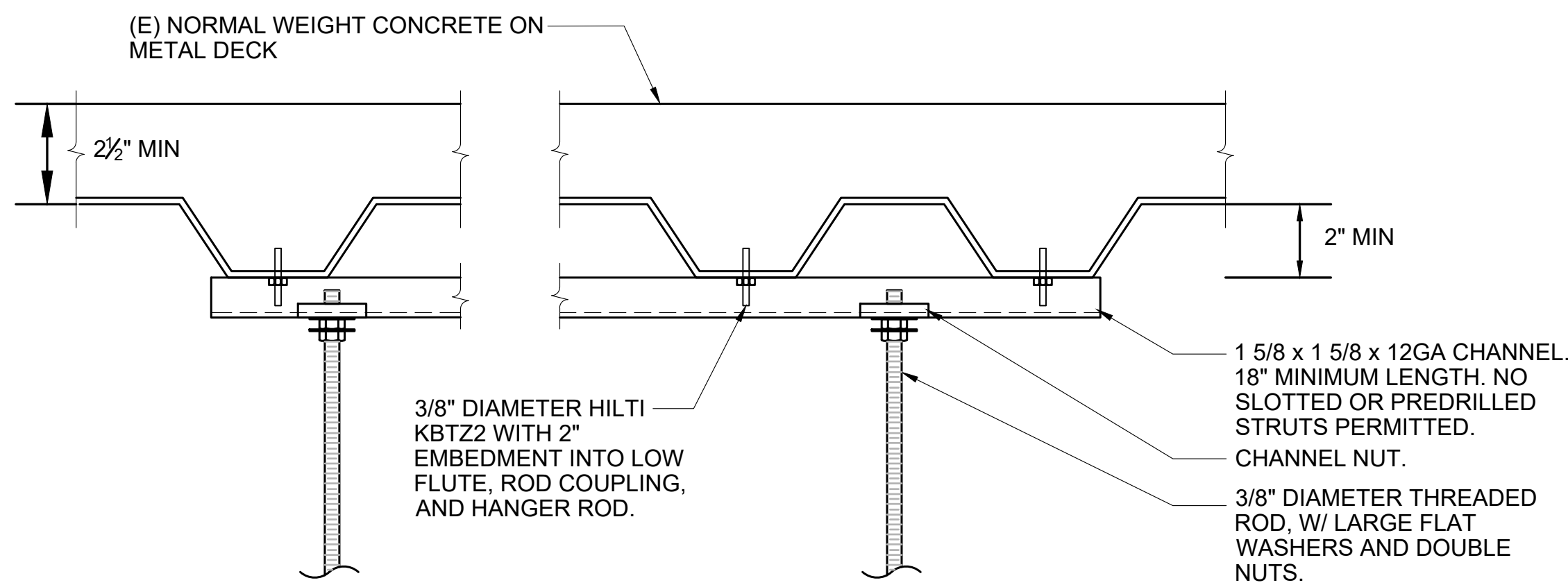
NO SCALE

4 CONDUIT MOUNTING DETAIL - CONCRETE

NO SCALE

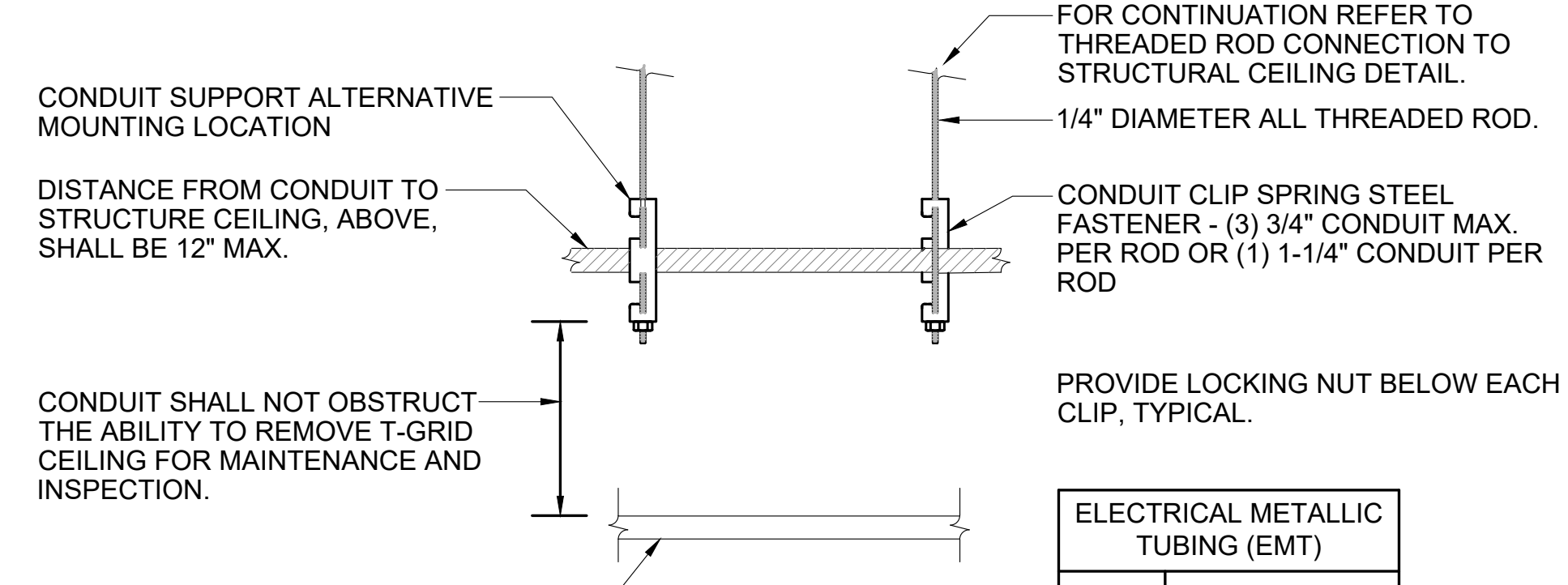
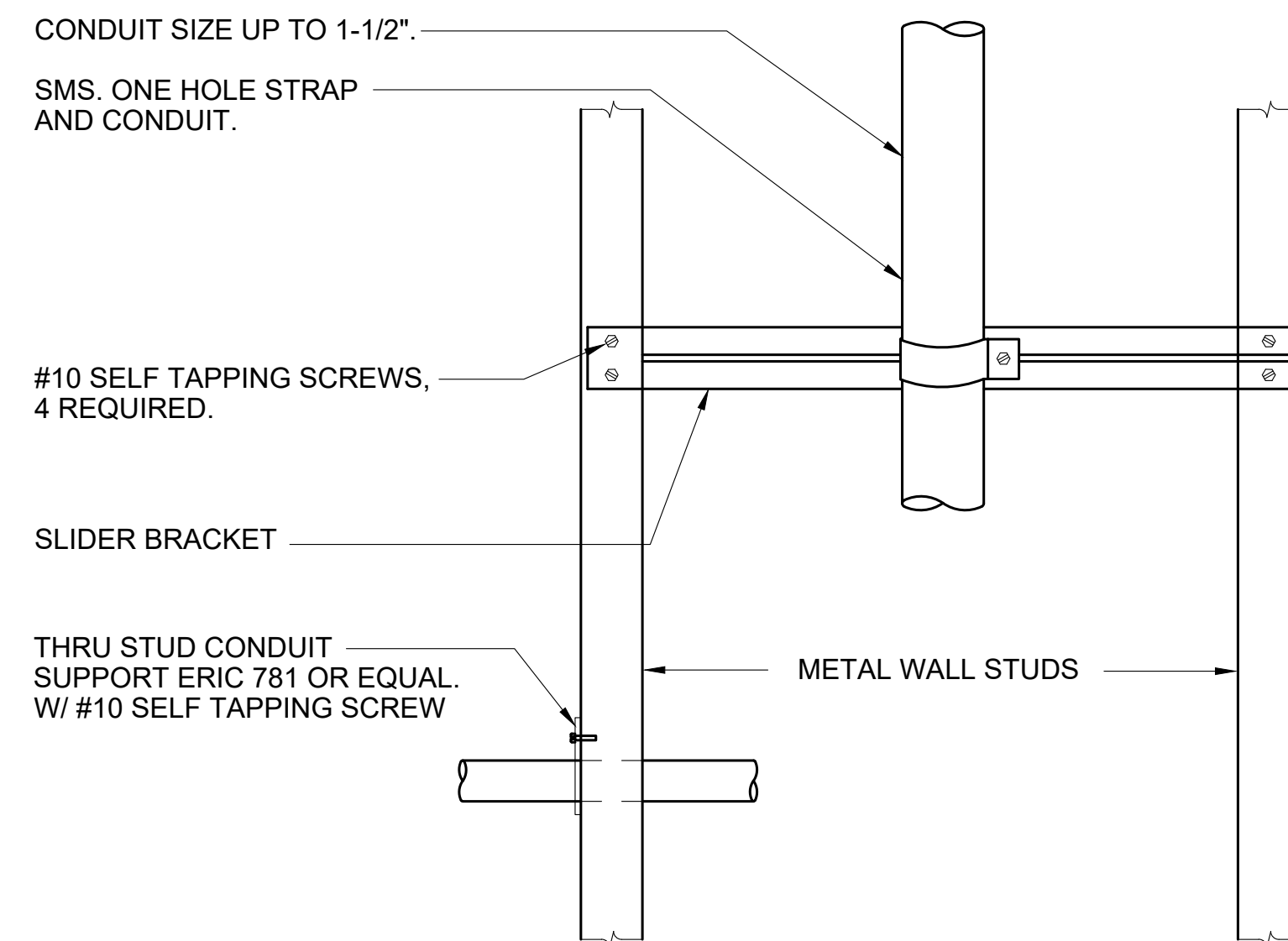
1 THREADED ROD TO CONCRETE FILLED METAL DECK - HILTI ANCHORS

NO SCALE



NOTES:

- SEE SHEET A635 FOR ALTERNATE ANCHORAGE TO CONCRETE FILLED METAL DECK.



NOTES:

- SPACING BETWEEN SUPPORTS SHALL BE 10' MAXIMUM.
- MAXIMUM TOTAL LOAD PER CLIP IS 20LBS.
- 5 PLF MAXIMUM CONDUIT WEIGHT.

TRADE SIZE	COMBINED WEIGHT (LBS/LINEAL FOOT)
1/2"	0.51
3/4"	0.84
1"	1.30
1-1/4"	2.12

8 THREADED ROD TO CONC FILLED METAL DECK - STRUT

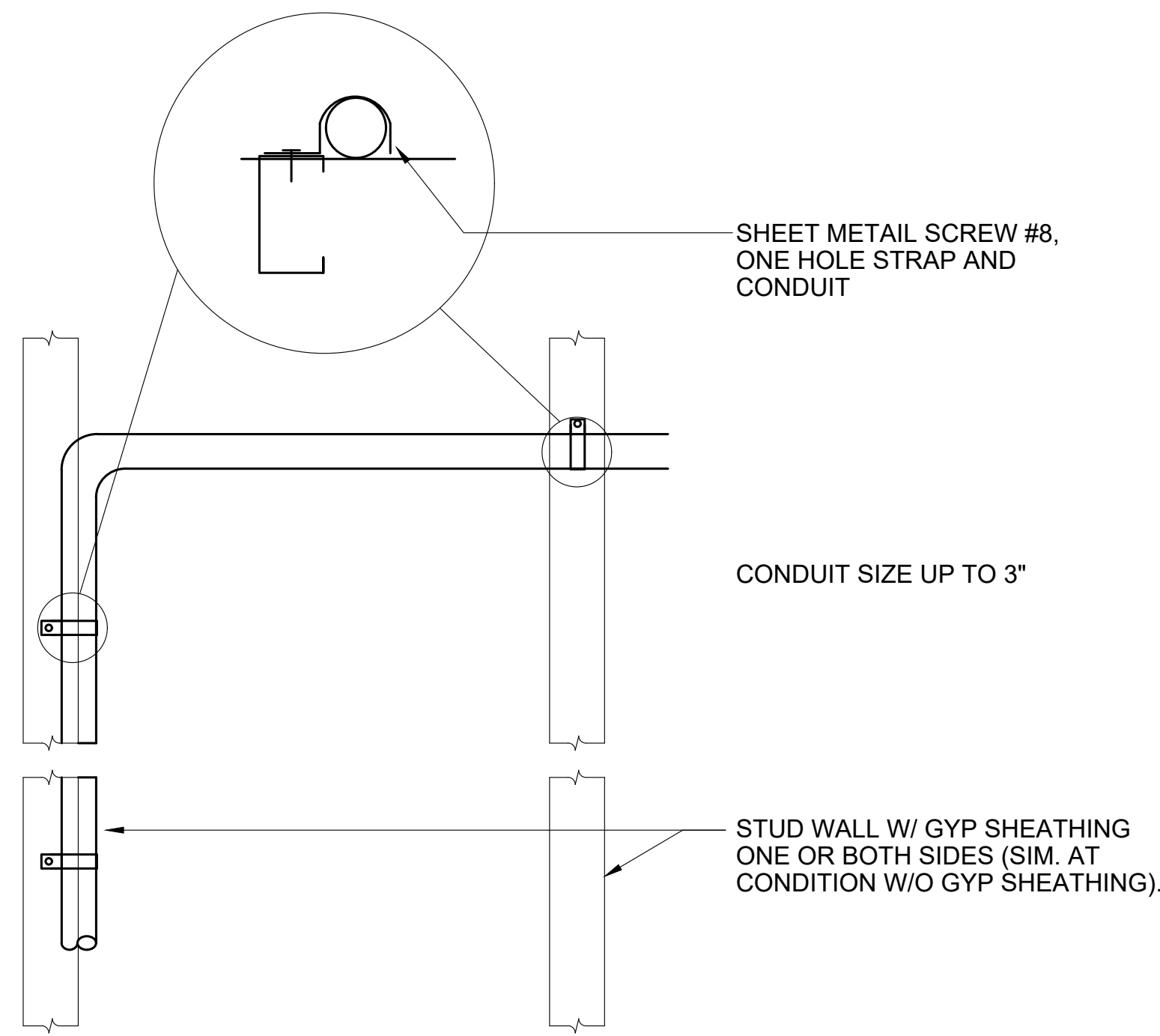
NO SCALE

5 VERTICAL CONDUIT SUPPORT BETWEEN STUD

NO SCALE

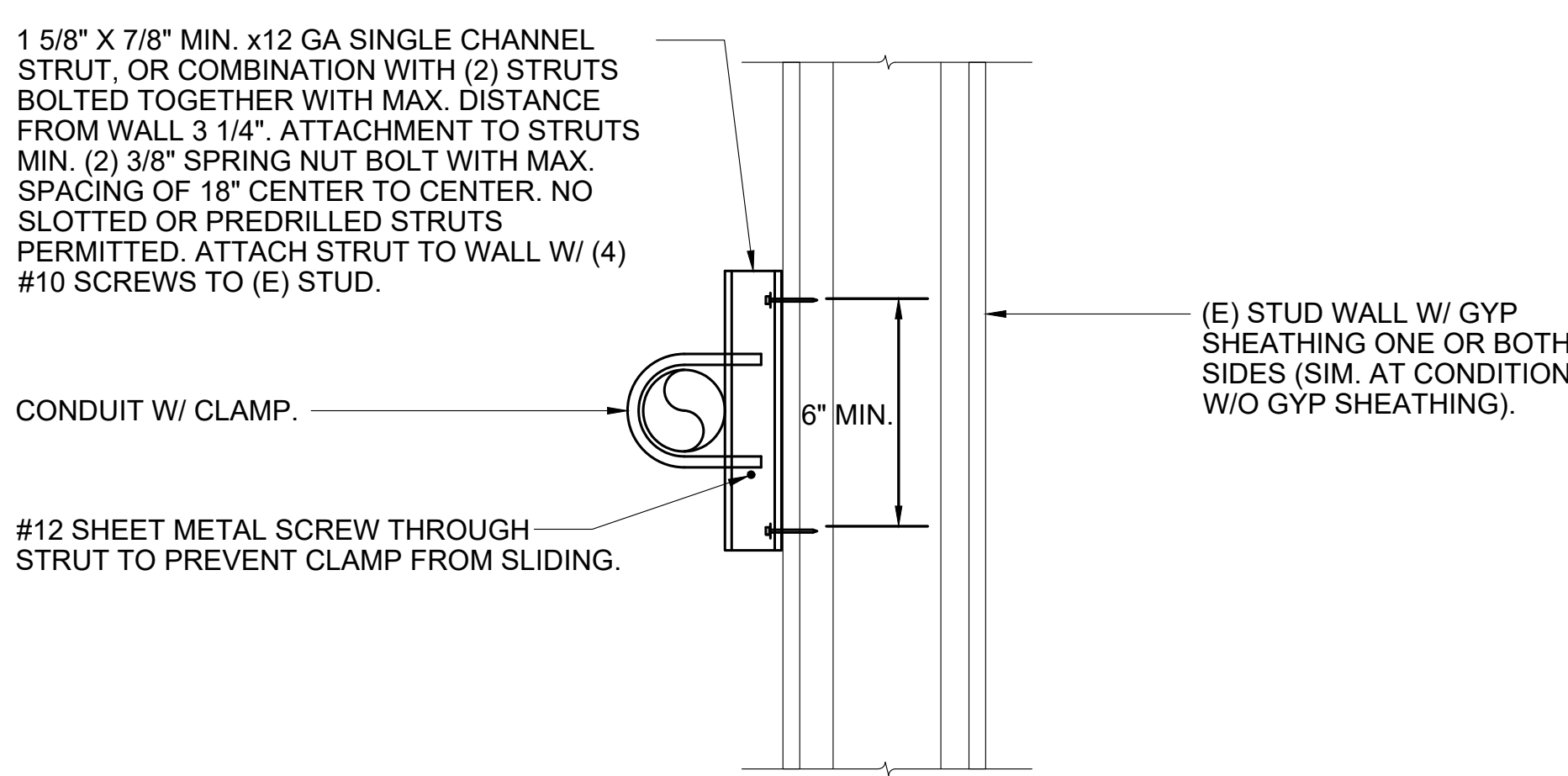
2 THREADED ROD CONDUIT SUPPORT DETAIL

NO SCALE



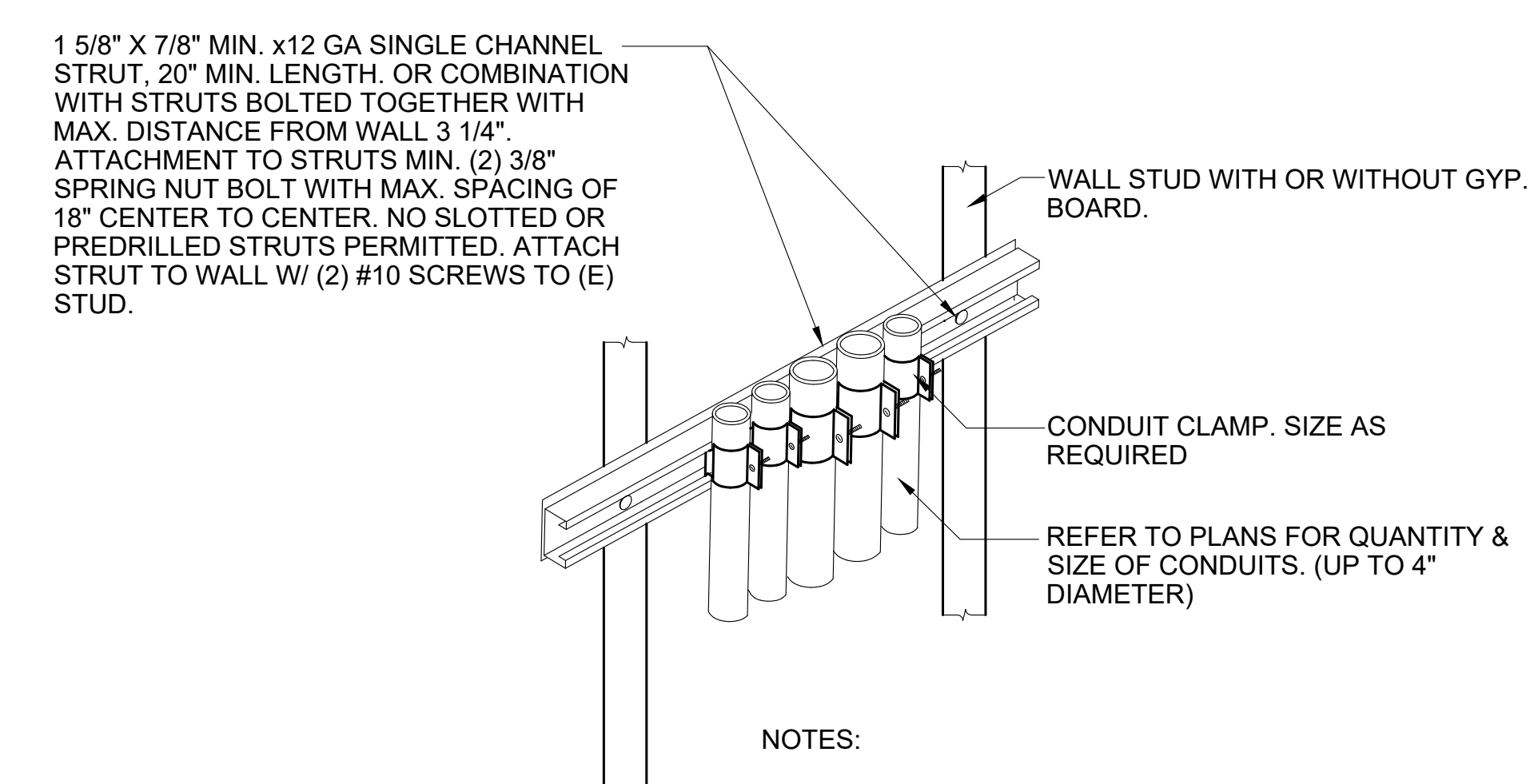
NOTES:

- SUPPORTS AT 8'-0" O.C., MAX.



NOTES:

- FOR 3/4" TO 3" CONDUIT, SUPPORTS @ 10'-0" OC MAX., MAX. WEIGHT PER CONNECTION IS 20LBS.
- FOR 3" CONDUIT, SUPPORTS @ 6'-0" OC MAX., MAX. WEIGHT PER CONNECTION IS 50LBS.
- FOR 4" CONDUIT, SUPPORTS @ 4'-0" OC MAX., MAX. WEIGHT PER CONNECTION IS 55LBS.



NOTES:

- SUPPORTS @ 6'-0" O.C. MAX.
- VERTICAL APPLICATION TO SINGLE STUD SIMILAR.
- STRUT TO BE 4" LONG MIN.
- CONDUITS SHALL NOT EXCEED 10 PLF OR 100LBS MAX PER SPAN.

9 ONE HOLE STRAP CONDUIT DETAIL

NO SCALE

6 HORIZONTAL CONDUIT TO WALL DETAIL

NO SCALE

3 MULTIPLE VERTICAL CONDUIT SUPPORT DETAIL

NO SCALE

DEPARTMENT OF HEALTHCARE ACCESS AND INFORMATION:

nacht&lewis

600 Q Street, Suite 100
Sacramento, CA 95811
www.nachtlewis.com
916.329.4000



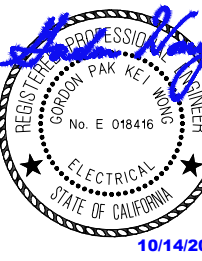
DESIGN PROFESSIONALS OF RECORD:

**UC DAVIS
HEALTH**

FACILITIES DESIGN & CONSTRUCTION
4800 2nd Avenue Suite 3010
Sacramento, California 95817
(916) 724-7934

EDGE

Project Number: K044
Contact: JOHNNY
480 R Street, Ste 333
Sacramento, CA 95811
916.296.2980
Sacramento | Alameda | Irvine

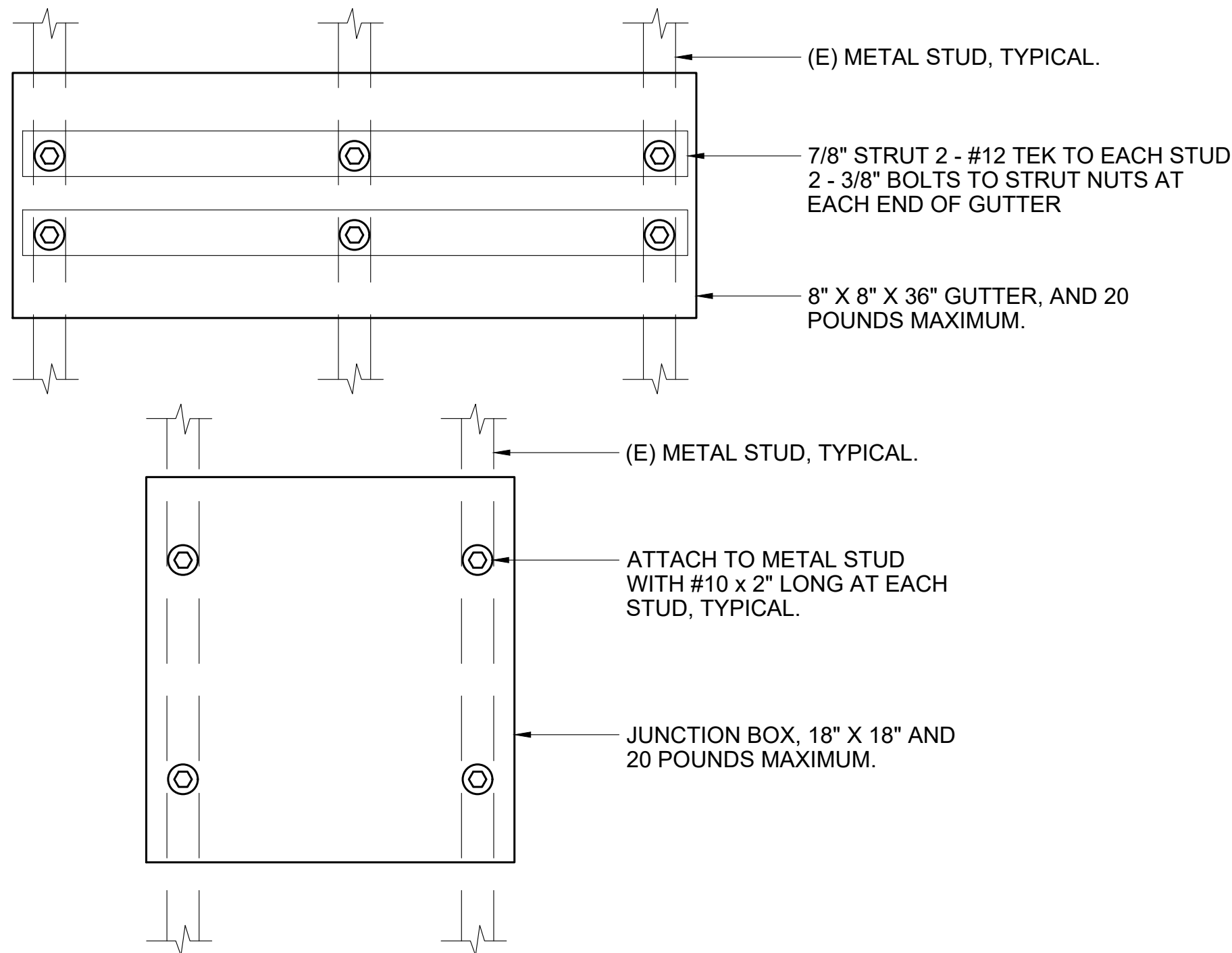


REV	REVISION DESCRIPTION	DATE
2	ADDENDUM 1 (ACD-001)	10/14/2025

CONSTRUCTION DOCUMENTS

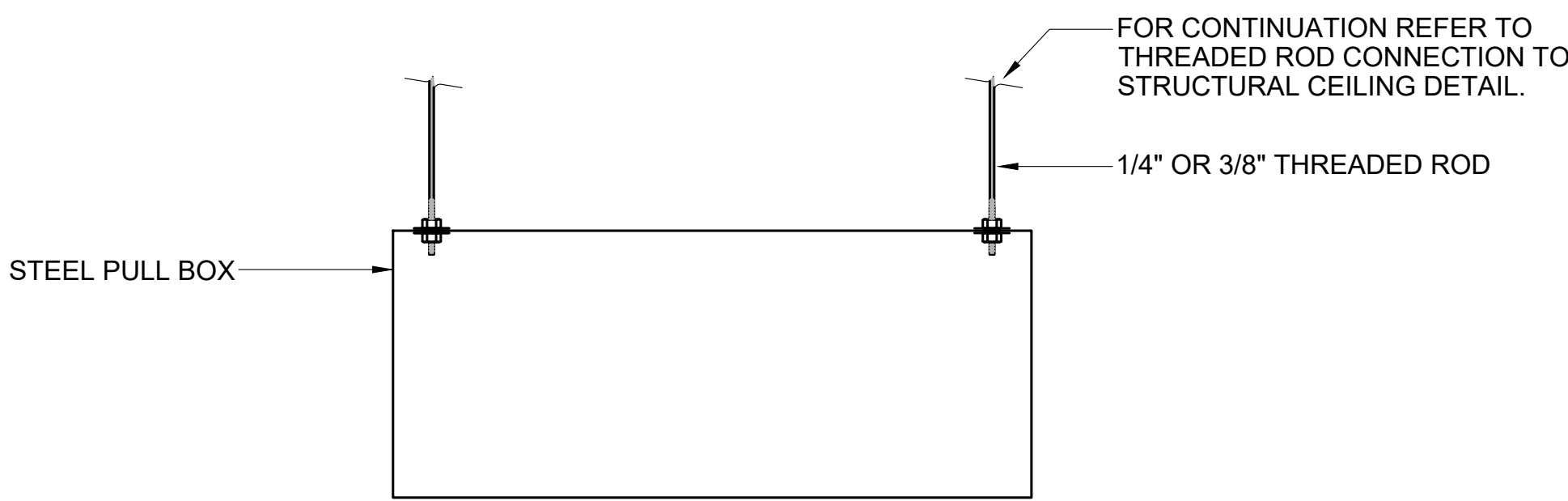
PROJECT NO. 9557740
S241219-34-00
BLD-02841 - SURGERY AND EMERGENCY SERVICES PAVILION
FLOOR/AVENUE 1ST FLOOR
PROJECT TITLE: SESP 1P742 1P745 CT SCANNER REPLACEMENT
SHEET TITLE: DETAILS

ARCH/ENGR.	FD&C JOB NO.	SHEET NO.
J. Flath	-	E7.04
ACIMC PROJECT MANAGER	SCALE	DATE
Z. Price	AS SHOWN	-
DESIGNED BY	CAD FILE	SHEET
J. Luong	-	OF



JUNCTION BOX MOUNTED TO DRYWALL DETAIL

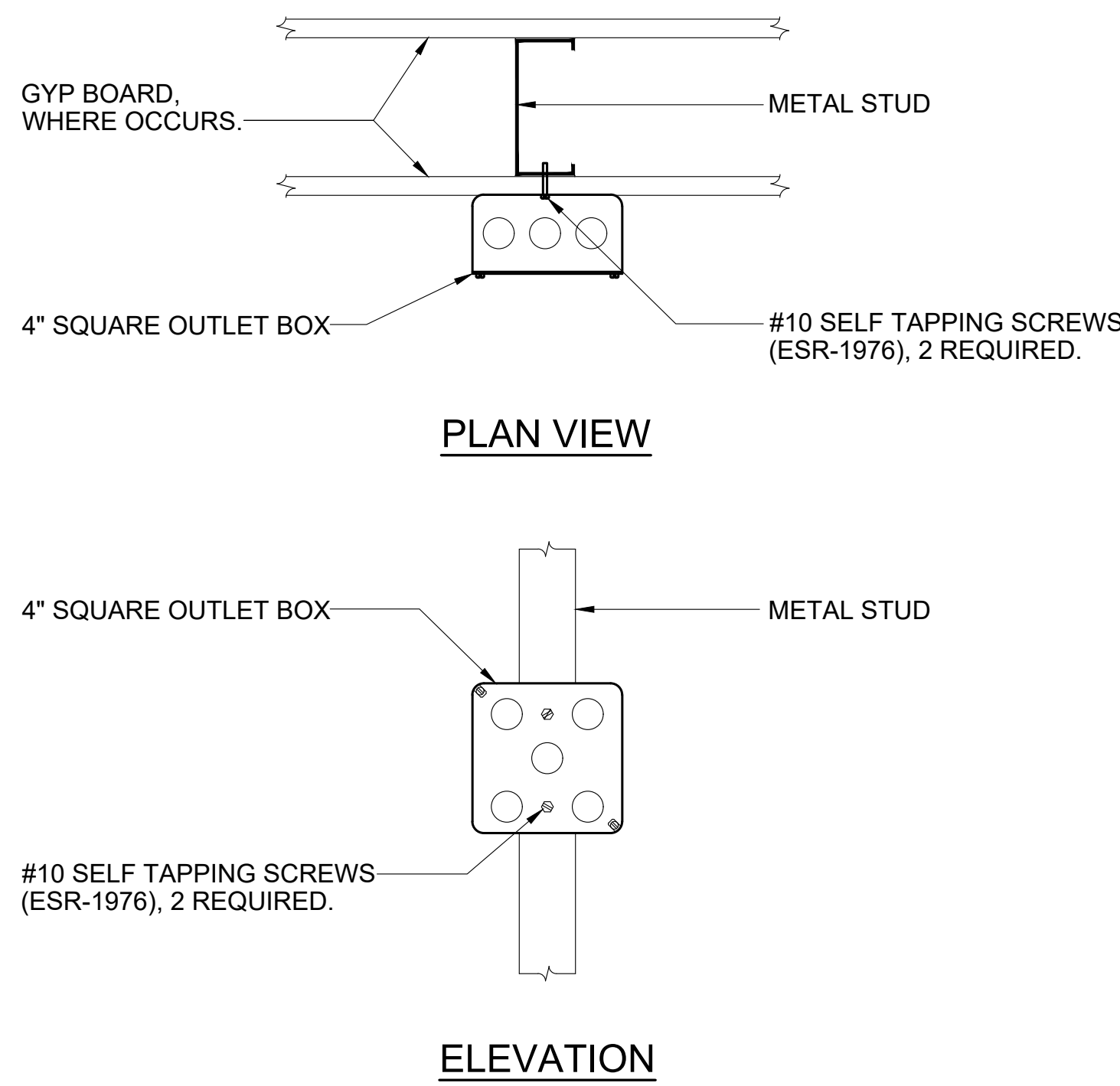
NO SCALE



- NOTES:
- SPACING BETWEEN HANGERS SHALL BE PER CEC REQUIREMENTS.

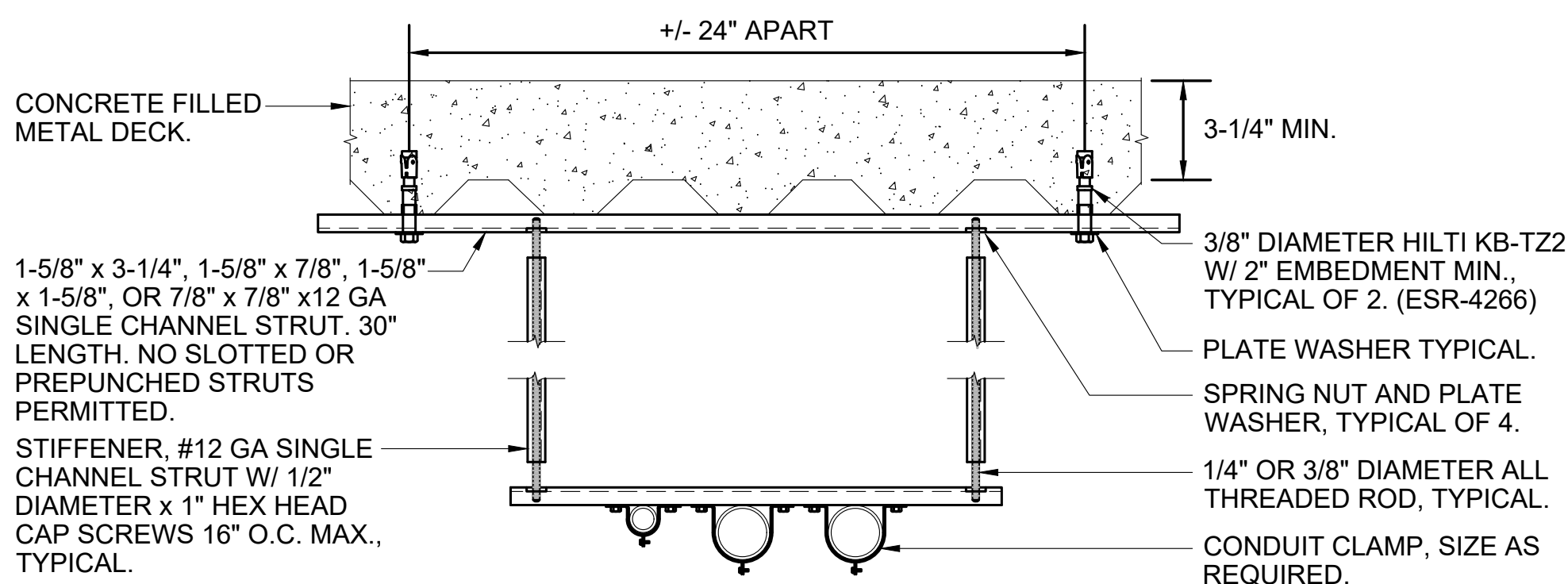
LARGE PULL BOX SUPPORT DETAIL

NO SCALE



BOX SUPPORT (ON STUD)

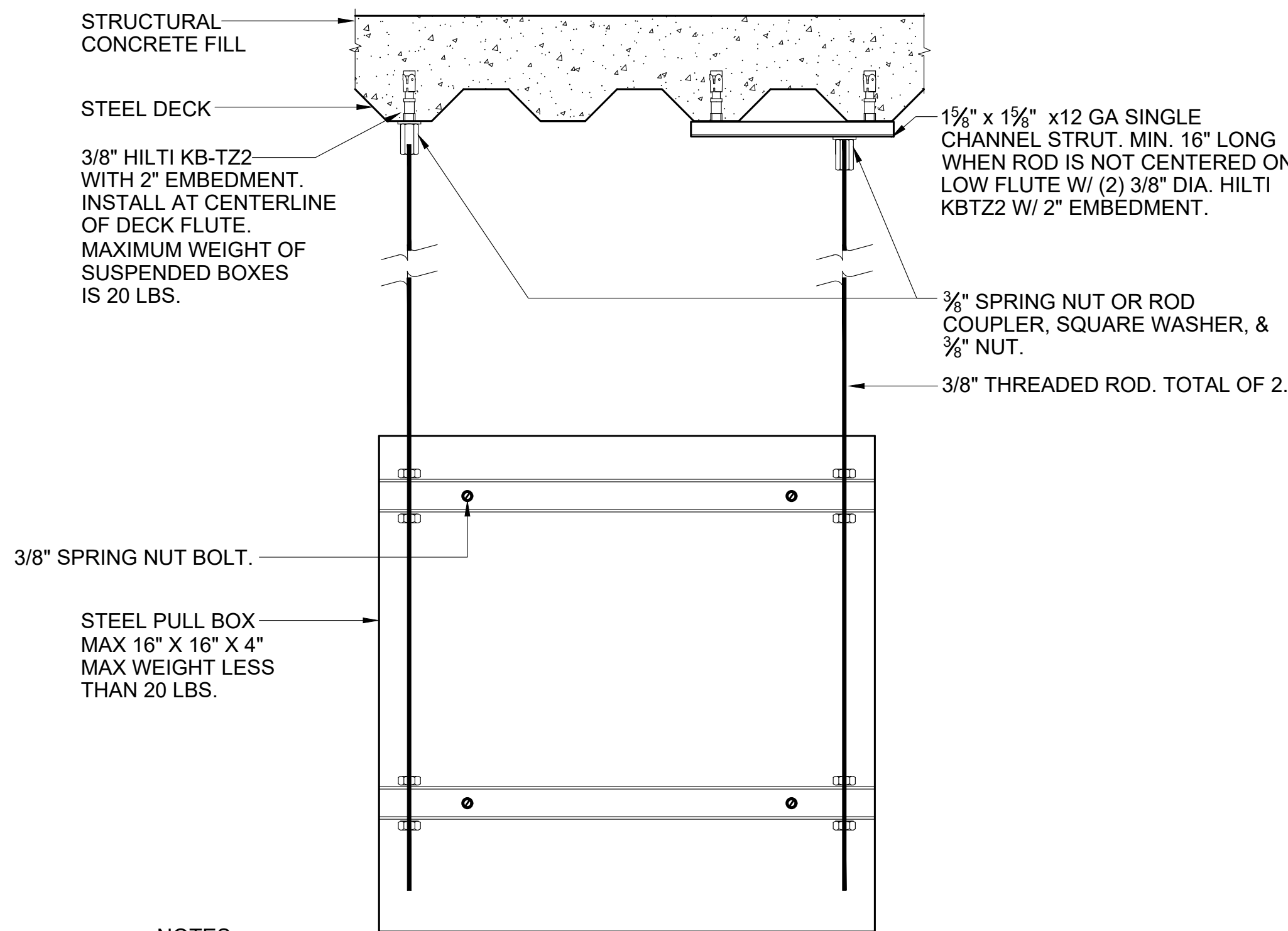
NO SCALE



- NOTES:
- SPACING BETWEEN HANGERS SHALL BE PER CEC REQUIREMENTS, NOT EXCEEDING 3 FEET OF EACH RACEWAY TERMINATION, MAXIMUM OF 10 FEET BETWEEN SUPPORTS.
 - ALL BACK TO BACK CHANNEL SHALL HAVE FILLET WELDS ON BOTH SIDES.
 - PLACEMENT OF TRAPEZE SHALL NOT OBSTRUCT THE REMOVAL AND/OR INSTALLATION OF CEILING MATERIALS WHETHER FOR CONSTRUCTION OR MAINTENANCE.
 - MAXIMUM WEIGHT TO BE LESS THAN OR EQUAL TO 10 LBS/FT.
 - SEE SHEET A635 FOR ALTERNATE ANCHORAGE TO CONCRETE FILLED METAL DECK.

CONDUIT TRAPEZE MOUNTING TO CONCRETE FILLED METAL DECK DETAIL

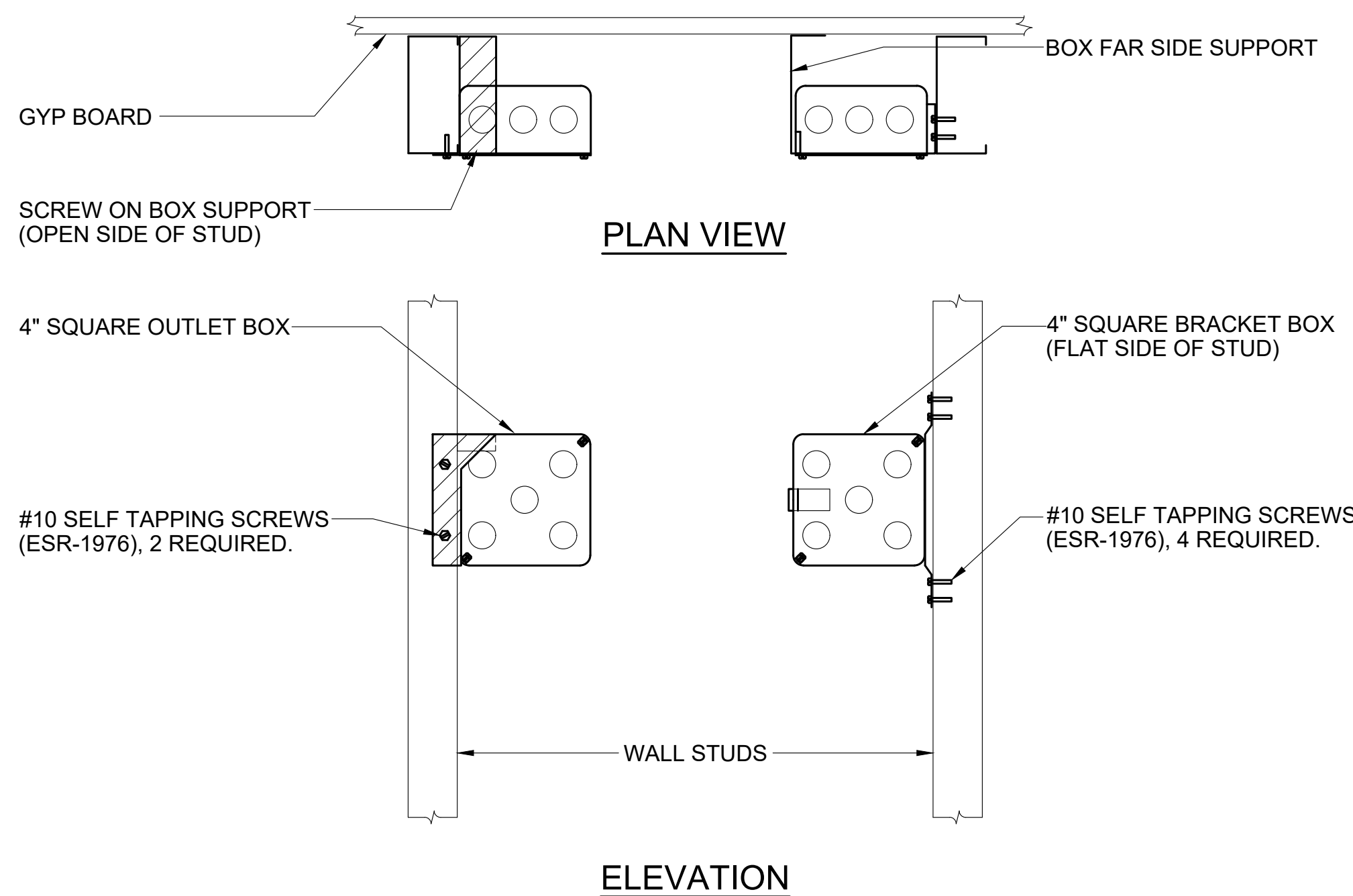
NO SCALE



- NOTES:
- SPACING BETWEEN HANGERS SHALL BE PER CEC REQUIREMENTS.
 - ANCHOR MAY BE PLACED AT HIGH OR LOW FLUTE. CENTER ANCHOR IN THE FLUTE.

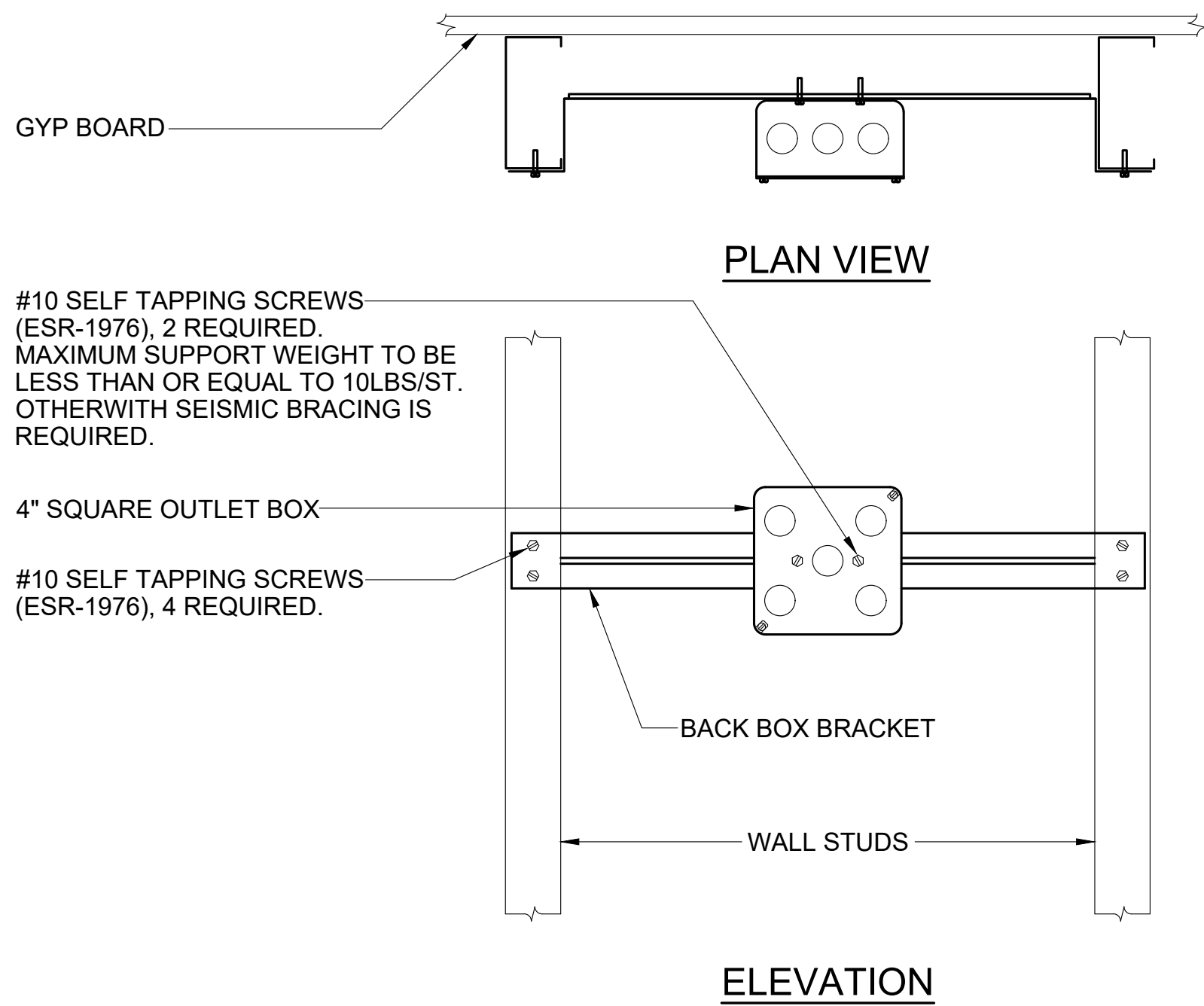
TYPICAL - LARGE PULL BOX SUPPORT DETAIL

NO SCALE



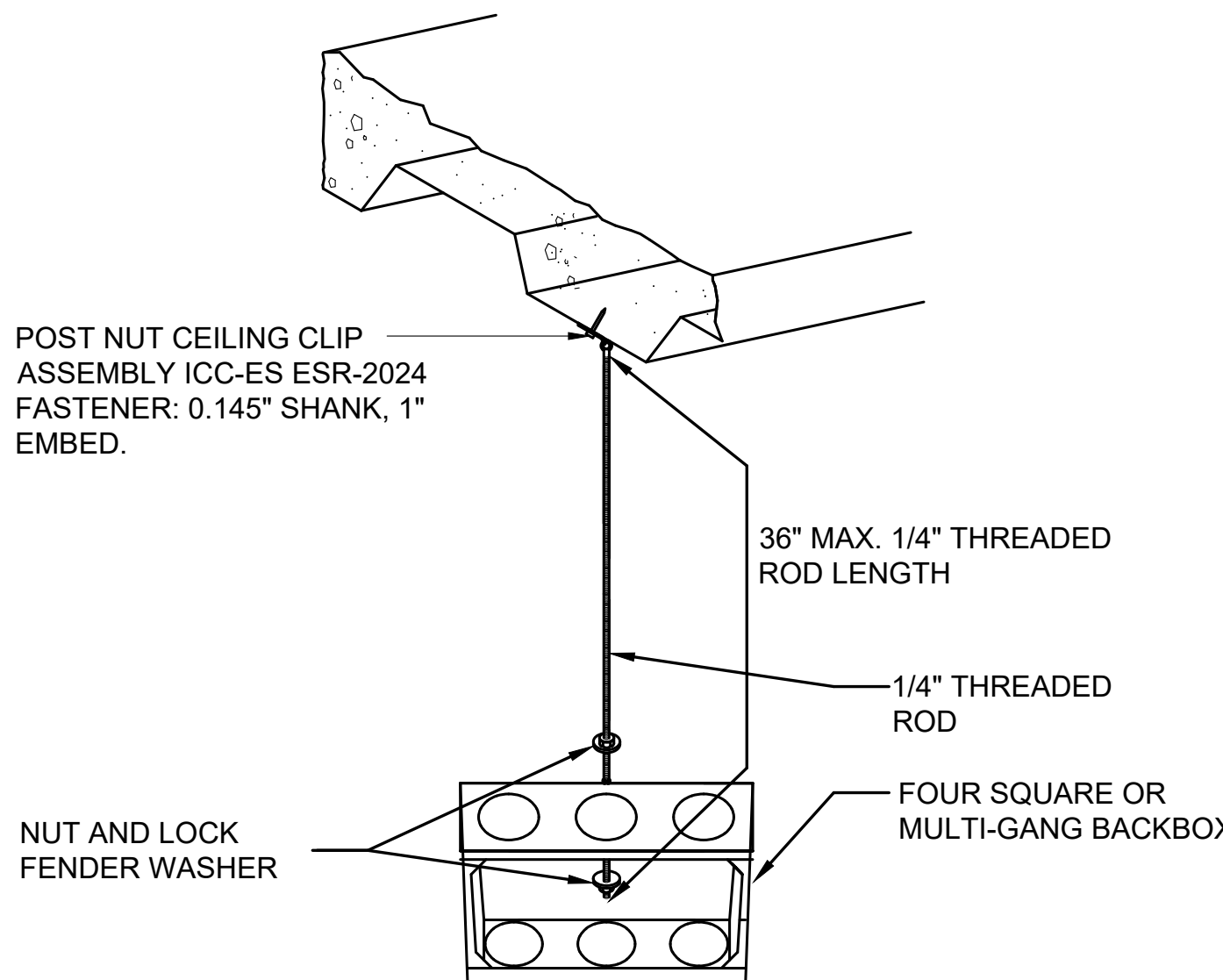
BOX SUPPORT (ON STUDS)

NO SCALE



BOX SUPPORT (BETWEEN STUDS)

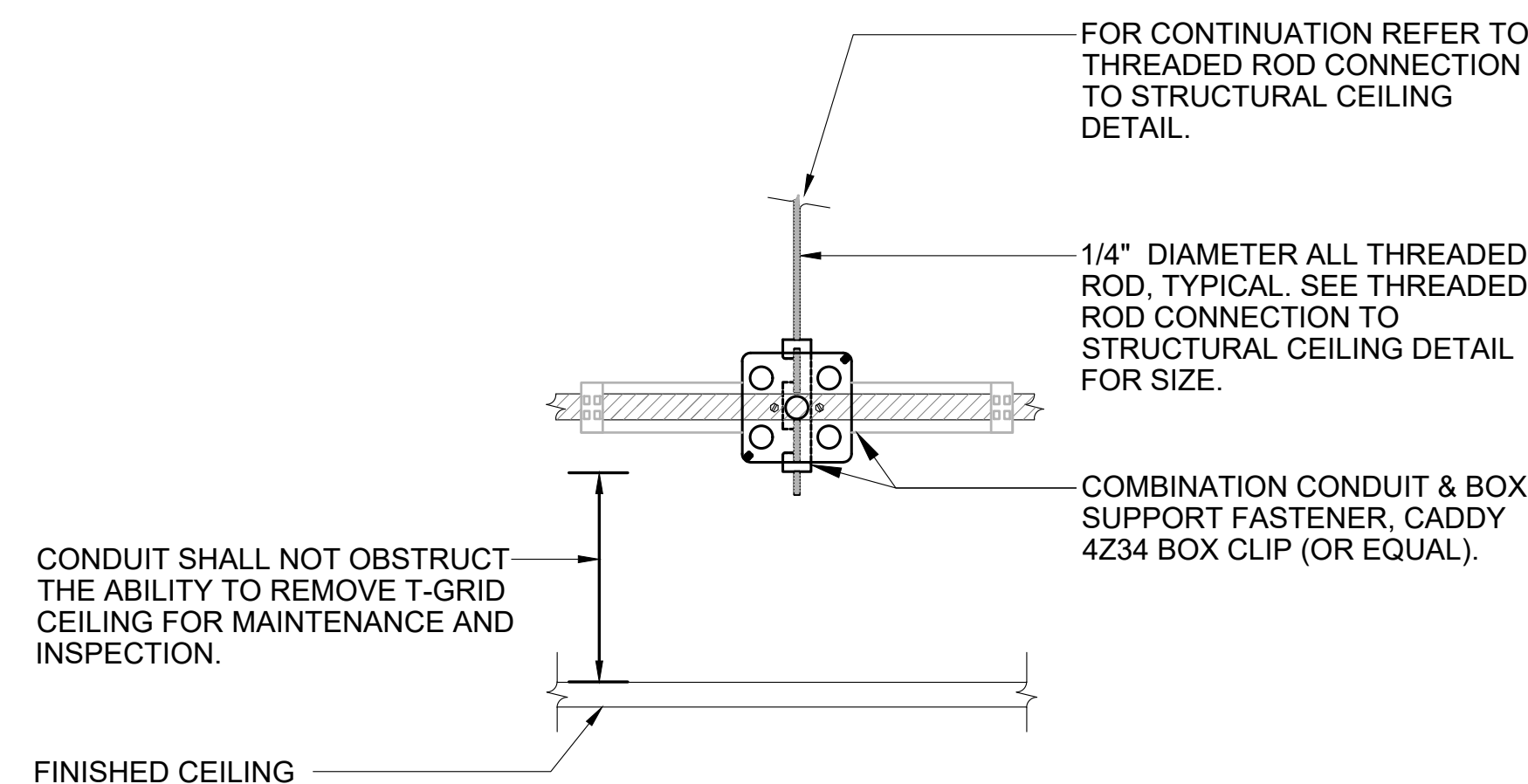
NO SCALE



- NOTES:
- MAXIMUM WEIGHT = 20 LBS.

SUSPENDED BOX MOUNTING DETAIL

NO SCALE



- NOTES:
- UPON INSTALLATION OF FASTENER INTO CONCRETE FILLED METAL DECK, CONTRACTOR TO PATCH/REPAIR DAMAGE TO EXISTING SPRAY APPLIED FIREPROOFING, AS REQUIRED, TO RESTORE ORIGINAL FIREPROOFING THICKNESS AND FIRE RATING.

SUSPENDED BOX AND CONDUIT SUPPORT FASTENER DETAIL

NO SCALE

DEPARTMENT OF HEALTHCARE ACCESS AND INFORMATION:

nacht&lewis

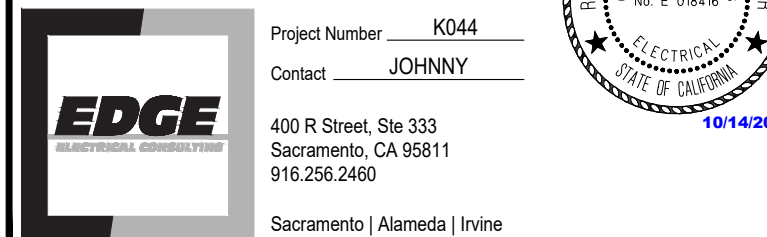
600 Q Street, Suite 100
Sacramento, CA 95811
www.nachtlewis.com
916.329.4000



DESIGN PROFESSIONALS OF RECORD:

UC DAVIS
HEALTH

FACILITIES DESIGN & CONSTRUCTION
4500 2nd Avenue Suite 3010
Sacramento, California 95817
(916) 724-7934



REV	REVISION DESCRIPTION	DATE
2	ADDENDUM 1 (ACD-001)	10/14/2025

CONSTRUCTION DOCUMENTS

PROJECT NO.

BLD-02841 - SURGERY AND EMERGENCY SERVICES PAVILION

FLOOR/ANGLE

1ST FLOOR

PROJECT TITLE

SESP 1P742 1P745 CT SCANNER

REPLACEMENT

SHEET TITLE

DETAILS

PROJECT NO.

9557740

PROJECT NO.

S241219-34-00

BLD-02841 - SURGERY AND EMERGENCY SERVICES PAVILION

FLOOR/ANGLE

1ST FLOOR

PROJECT TITLE

SESP 1P742 1P745 CT SCANNER

REPLACEMENT

SHEET TITLE

DETAILS

ARCHITECT

J. Flath

ARCHITECT

Z. Price

SCALE

AS SHOWN

DATE

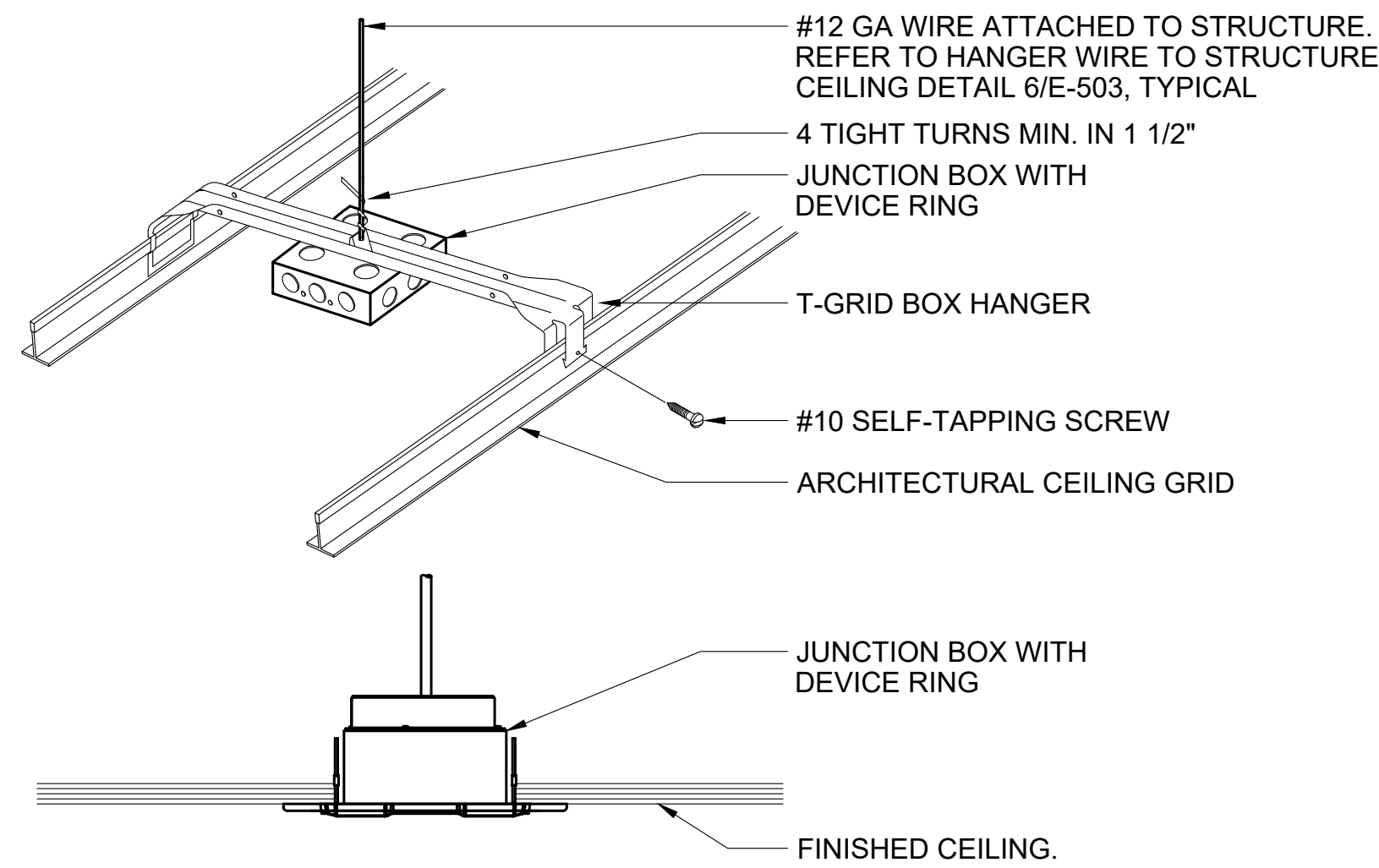
J. Luong

CAD FILE

SHEET

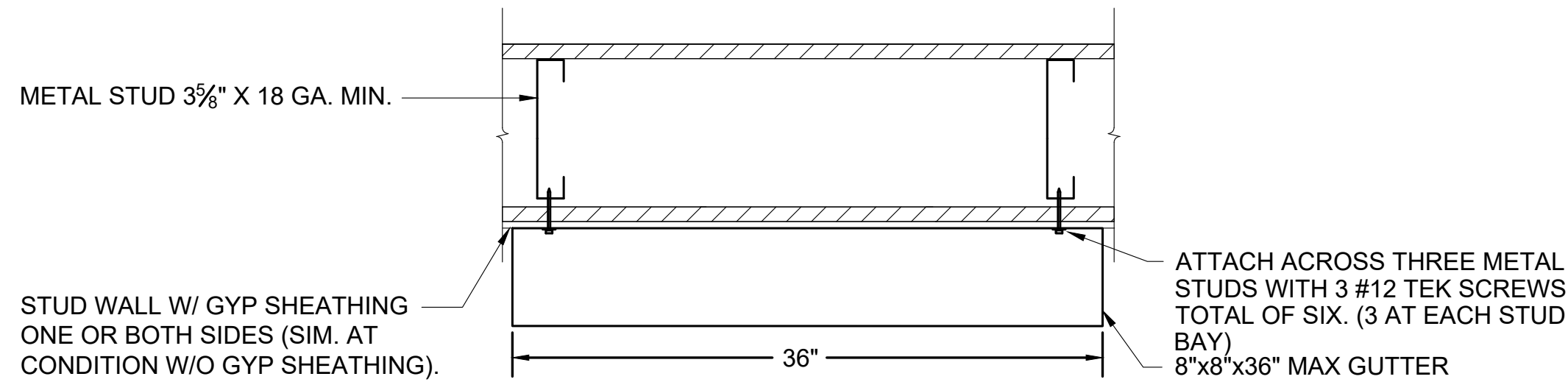
OF

E7.05



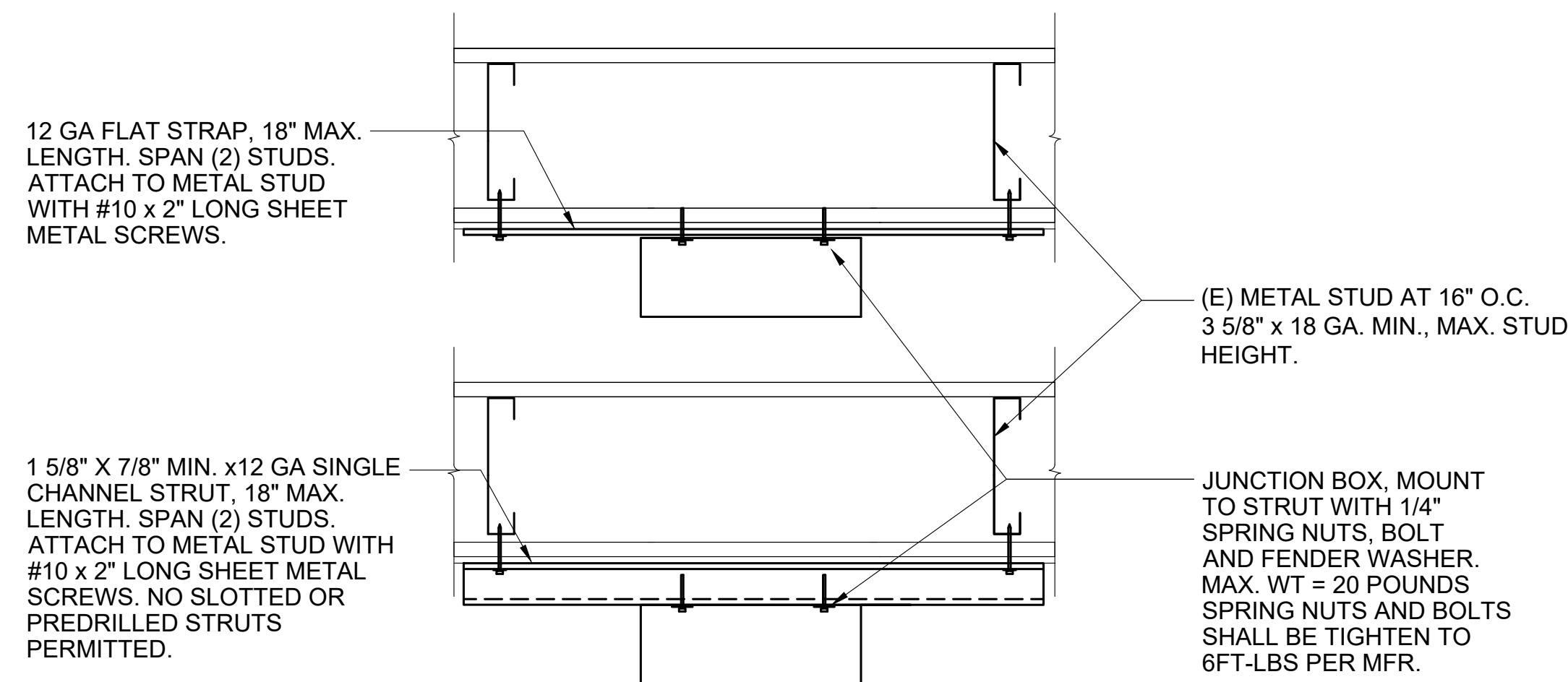
CEILING MOUNTED JUNCTION BOX DETAIL

NO SCALE



TYPICAL - GUTTER MOUNTING DETAIL

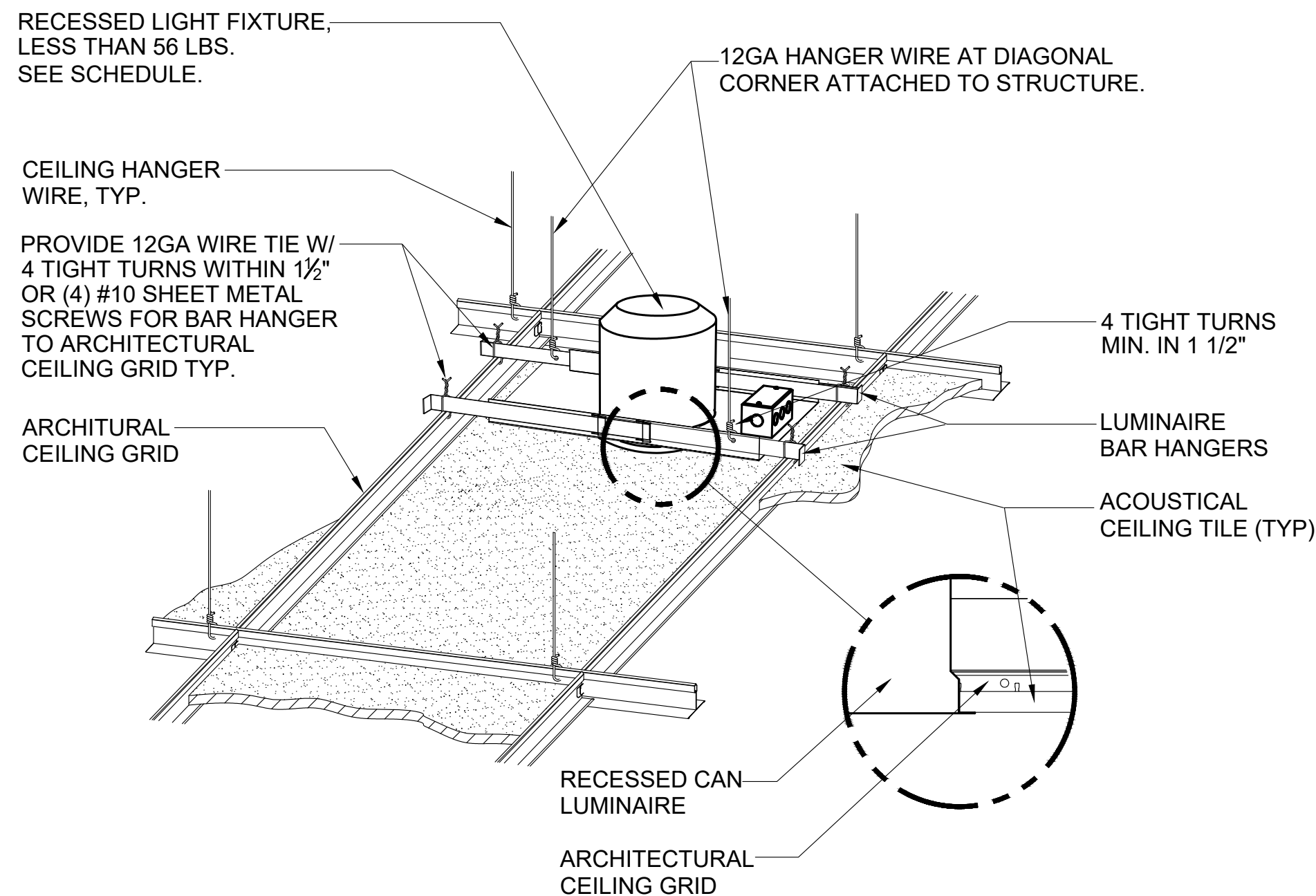
NO SCALE



NOTE: SIMILAR AT CONDITION WITHOUT GYP. SHEATHING

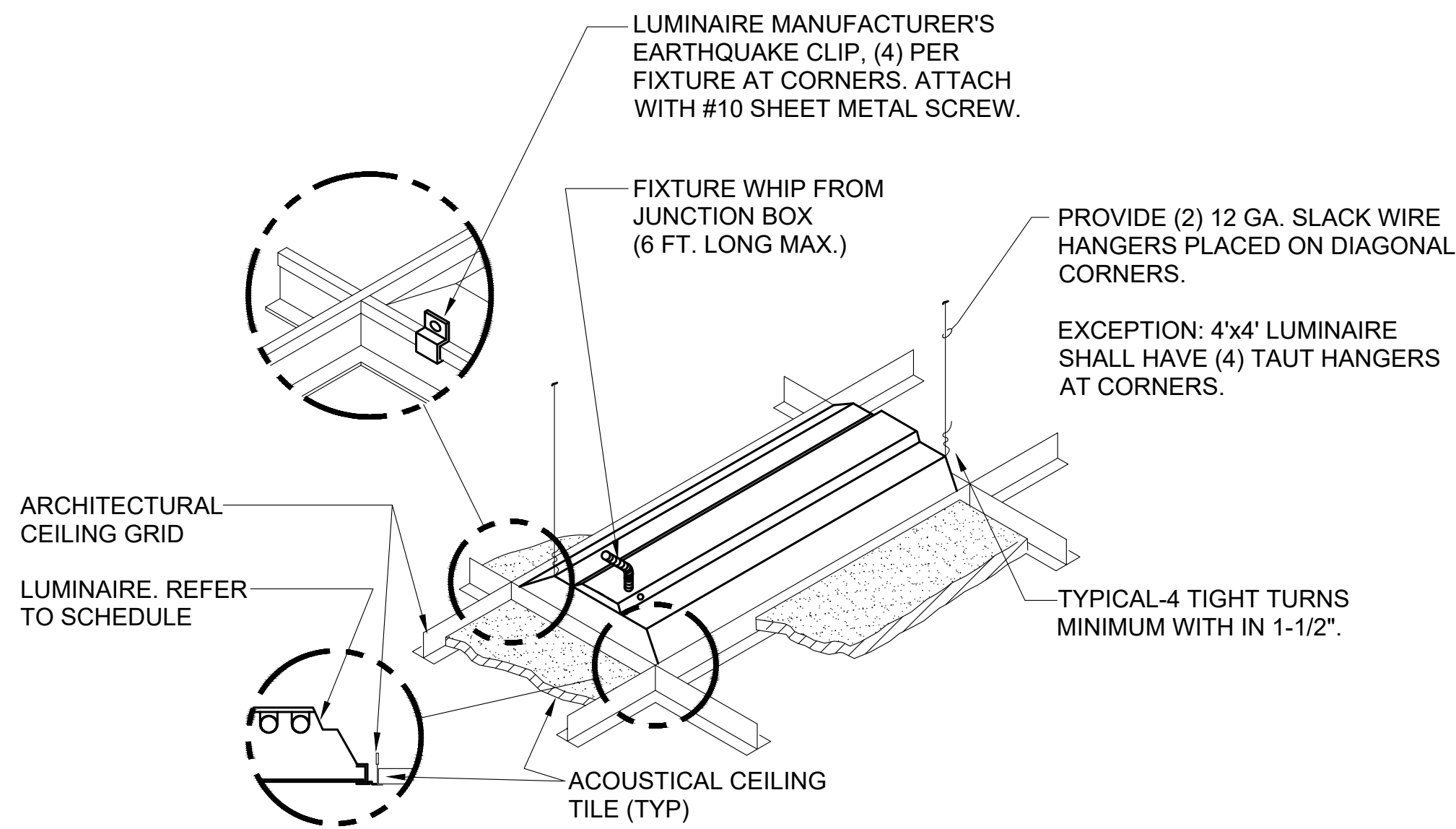
WALL MOUNTED BOX SUPPORT DETAIL

NO SCALE



DOWNLIGHT FIXTURE MOUNTING DETAIL - LAY-IN CEILING

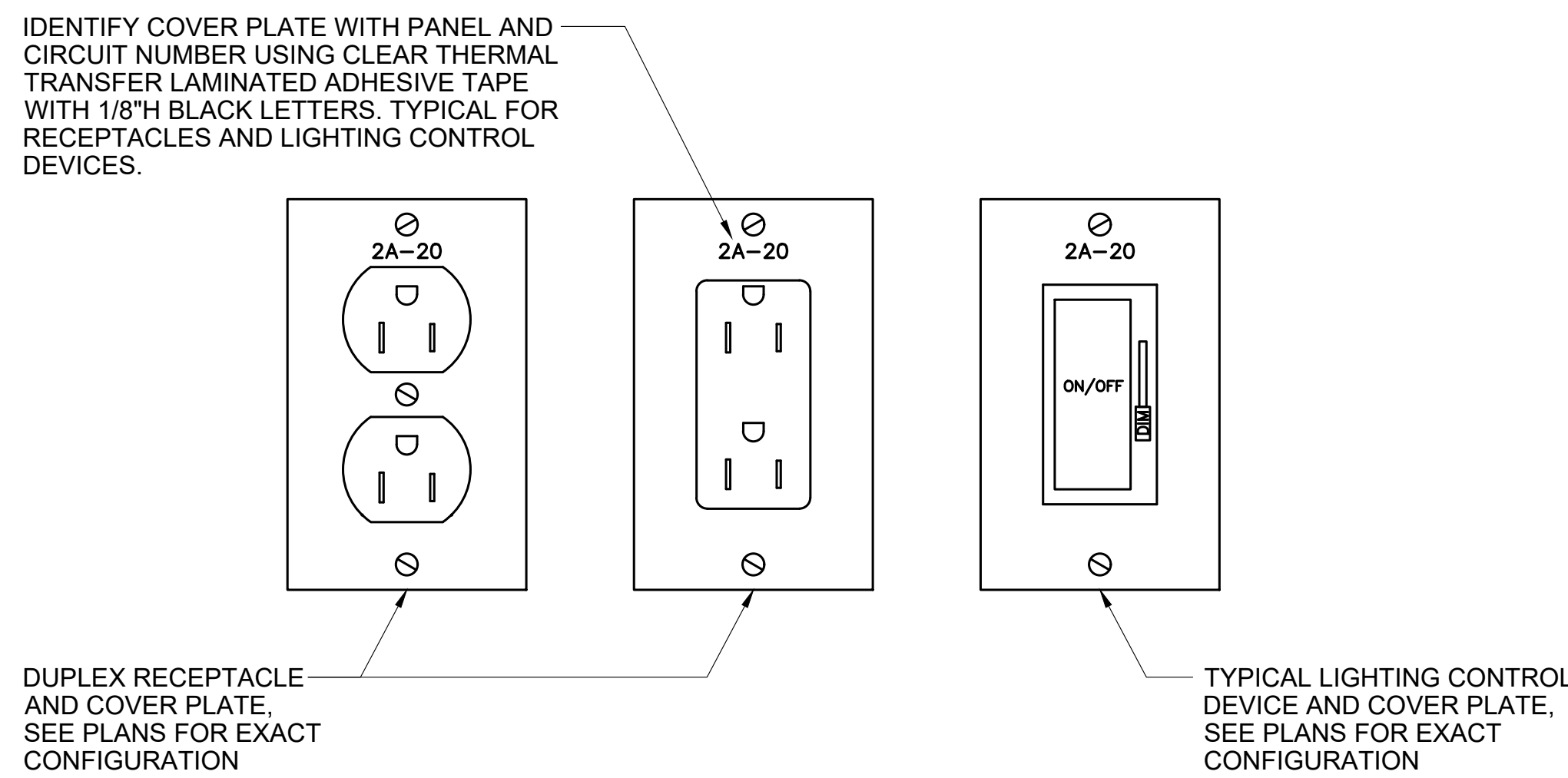
SCALE: NONE



NOTE:
1. LUMINAIRE WEIGHT: LESS THAN 56LBS.
2. FOR LUMINAIRE WEIGHT MORE THAN 56LBS, SEE DETAIL "LIGHT FIXTURE MOUNTING DETAIL - LAY-IN CEILING W/ SEISMIC BRACING."

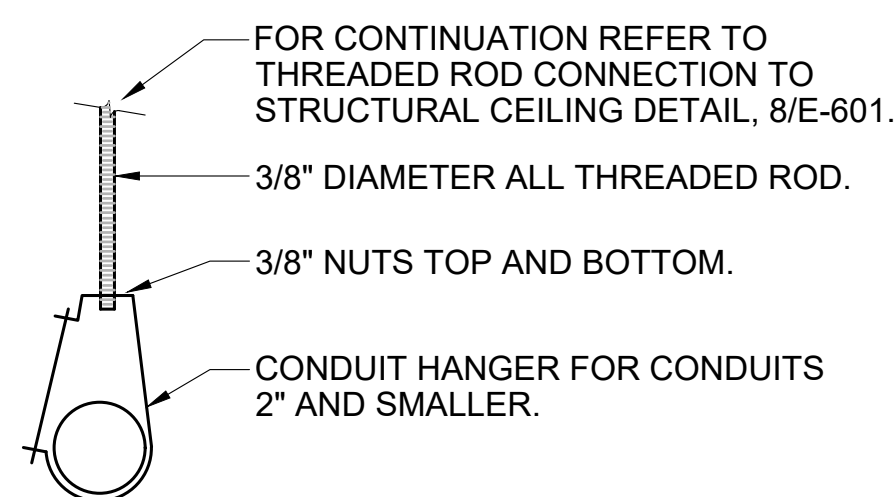
LIGHT FIXTURE MOUNTING DETAIL - LAY-IN CEILING

SCALE: NONE



RECEPTACLE AND LIGHT SWITCH DESIGNATION DETAIL

SCALE: NONE

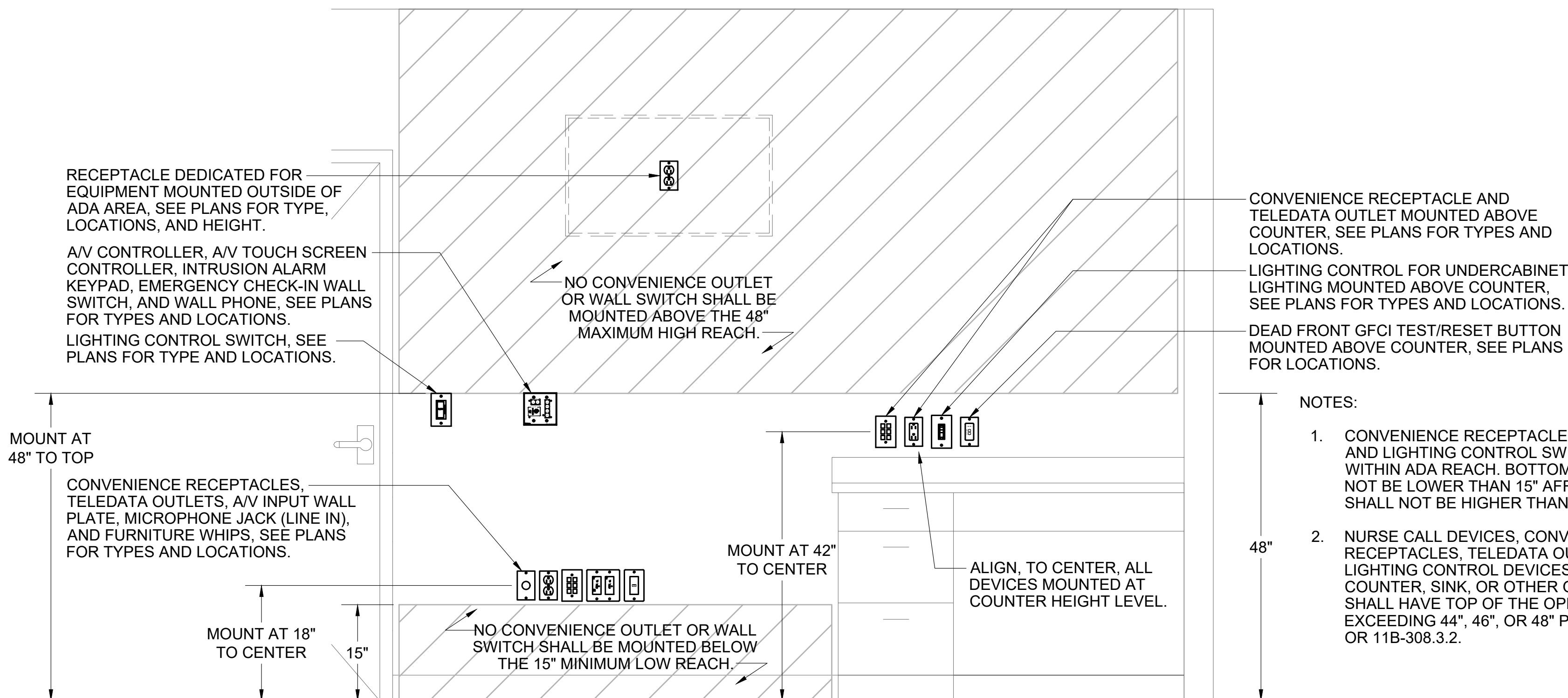


TRADE SIZE	COMBINED WEIGHT (LBS/LINEAL FOOT)
3/4"	0.84
1"	1.30
1-1/4"	2.12
1-1/2"	2.70
2"	4.02

NOTES:
1. SPACING BETWEEN HANGERS SHALL BE PER CEC REQUIREMENTS. DO NOT EXCEED 3 FEET BETWEEN EACH RACEWAY TERMINATION AND MAXIMUM OF 10 FEET BETWEEN SUPPORTS.
2. PLACEMENT OF HANGER SHALL NOT OBSTRUCT THE REMOVAL AND/OR INSTALLATION OF CEILING MATERIALS WHETHER FOR CONSTRUCTION OR MAINTENANCE.

CONDUIT SUPPORT DETAIL

SCALE: NONE



DEVICE MOUNTING DETAIL

SCALE: NONE

DEPARTMENT OF HEALTHCARE ACCESS AND INFORMATION:

nacht&lewis

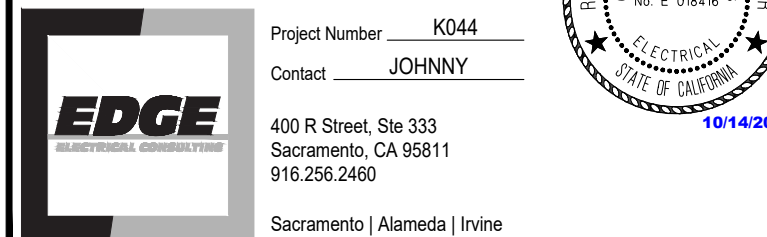
600 Q Street, Suite 100
Sacramento, CA 95811
www.nachtlewis.com
916.329.4000



DESIGN PROFESSIONALS OF RECORD:

UCDAVIS
HEALTH

FACILITIES DESIGN & CONSTRUCTION
4500 2nd Avenue, Suite 3010
Sacramento, California 95817
(916) 724-7934



REV	REVISION DESCRIPTION	DATE
2	ADDENDUM 1 (ACD-001)	10/14/2025

CONSTRUCTION DOCUMENTS

PROJECT NO. 9557740

ARCH/ENROR: J. Flath

WCMC PROJECT MANAGER: Z. Price

DESIGNED BY: J. Luong

DRAWN BY: J. Luong

DATE: -

CAD FILE: -

SHEET NO. OF

SHEET TITLE: E7.06

PROJECT TITLE: S241219-34-00

FLOOR/WING: BLD-02841 - SURGERY AND EMERGENCY SERVICES PAVILION

1ST FLOOR

SESP 1P742 1P745 CT SCANNER REPLACEMENT

DETAILS

- NUMBERED NOTES
- ① (ER) NURSE CALL DEVICE SHALL RECONNECT TO (E) NURSE CALL SYSTEM AS REQUIRED.
 - ② (N) CARD READER. PROVIDE BACK BOX AND STUB 1" MT TO ACCESSIBLE CEILING SPACE. PROVIDE INSULATING BUSHINGS.
 - ③ (ER) SPEAKER SHALL RECONNECT TO (E) OVER HEAD PAGING SPEAKER SYSTEM AS REQUIRED.
 - ④ CONNECT TO (E) NURSE CALL SYSTEM AS REQUIRED.
 - ⑤ UTILIZED (E) CABLE TRAY TO ROUTE LOW VOLTAGE CABLING BACK TO TELECOM ROOM.
 - ⑥ REFER TO PDC LIGHTING VENDOR DRAWINGS ON ELECTRICAL SHEET FOR MORE INFORMATION.
 - ⑦ (ER) CLOCK SHALL RECONNECT TO (E) CLOCK SYSTEM AS REQUIRED.
 - ⑧ (N) CLOCK SHALL CONNECT TO (E) CLOCK SYSTEM AS REQUIRED.

- SHEET NOTES
- 1. SEE OVERALL FLOOR PLAN(S) FOR (E) TELECOM ROOM LOCATION.
 - 2. DIMENSIONS INDICATED ON PLANS ARE TO THE CENTER OF THE BOX. ABOVE FINISHED FLOOR. COORDINATE FINAL MOUNTING HEIGHT WITH THE ARCHITECTURAL DRAWINGS.
 - 3. LOCATIONS AND MOUNTING HEIGHTS OF WALL MOUNTED WIRING DEVICES SUCH AS POWER RECEPTACLES, DATA OUTLETS, SWITCHES, DIMMERS, ETC., ARE TO BE ULTIMATELY COORDINATED W/ ARCHITECTURAL DRAWINGS.
 - 4. COORDINATE WITH FACILITY WHERE NURSE CALL DEVICES ANNUNCIATE TO.

DEPARTMENT OF HEALTHCARE ACCESS AND INFORMATION

nacht&lewis

600 Q Street, Suite 100
Sacramento, CA 95811
www.nachtlewis.com
916.329.4000

DESIGN PROFESSIONALS OF RECORD:

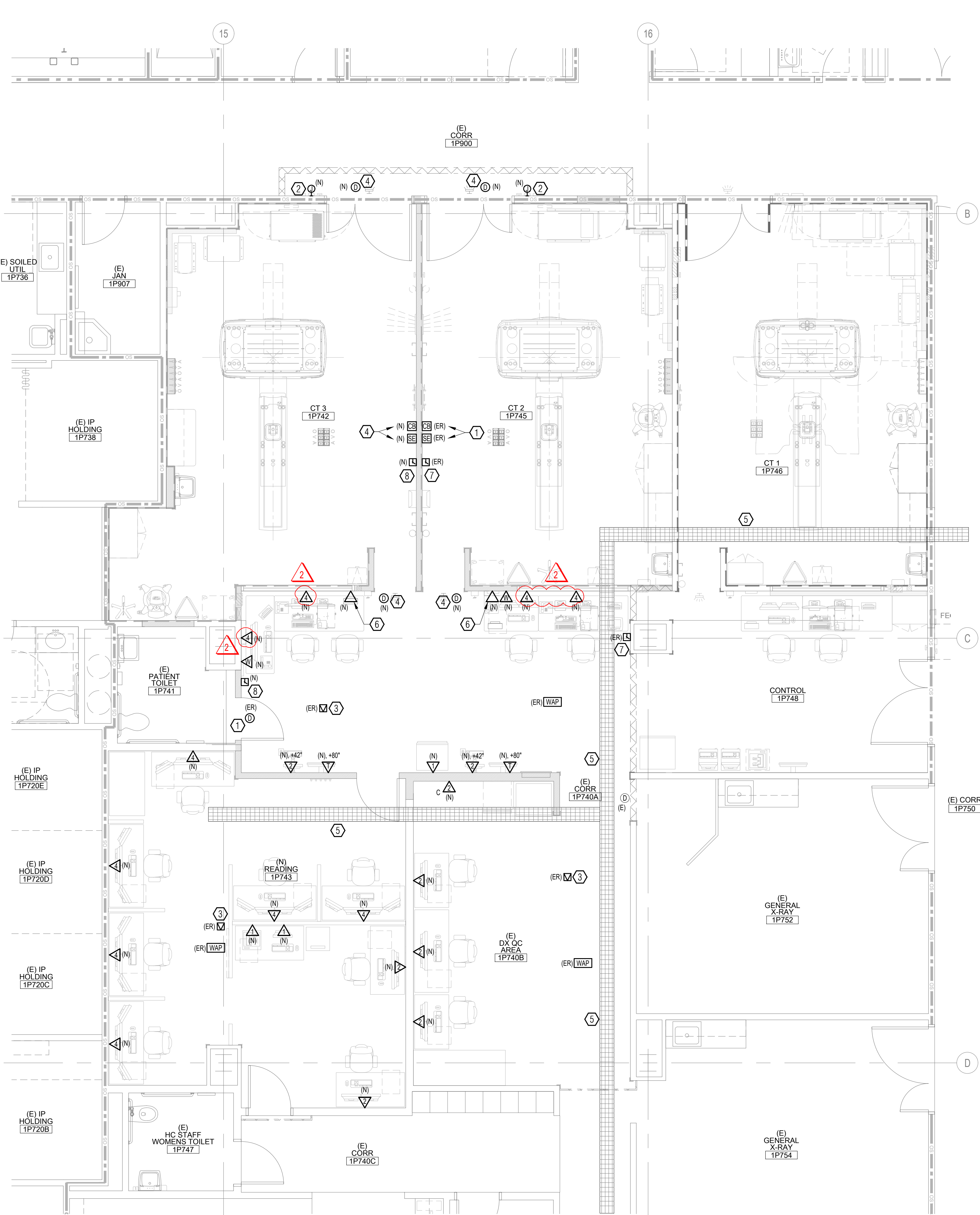
UCDAVIS HEALTH

FACILITIES DESIGN & CONSTRUCTION
4800 2nd Avenue Suite 3010
Sacramento, California 95817
(916) 734-7934

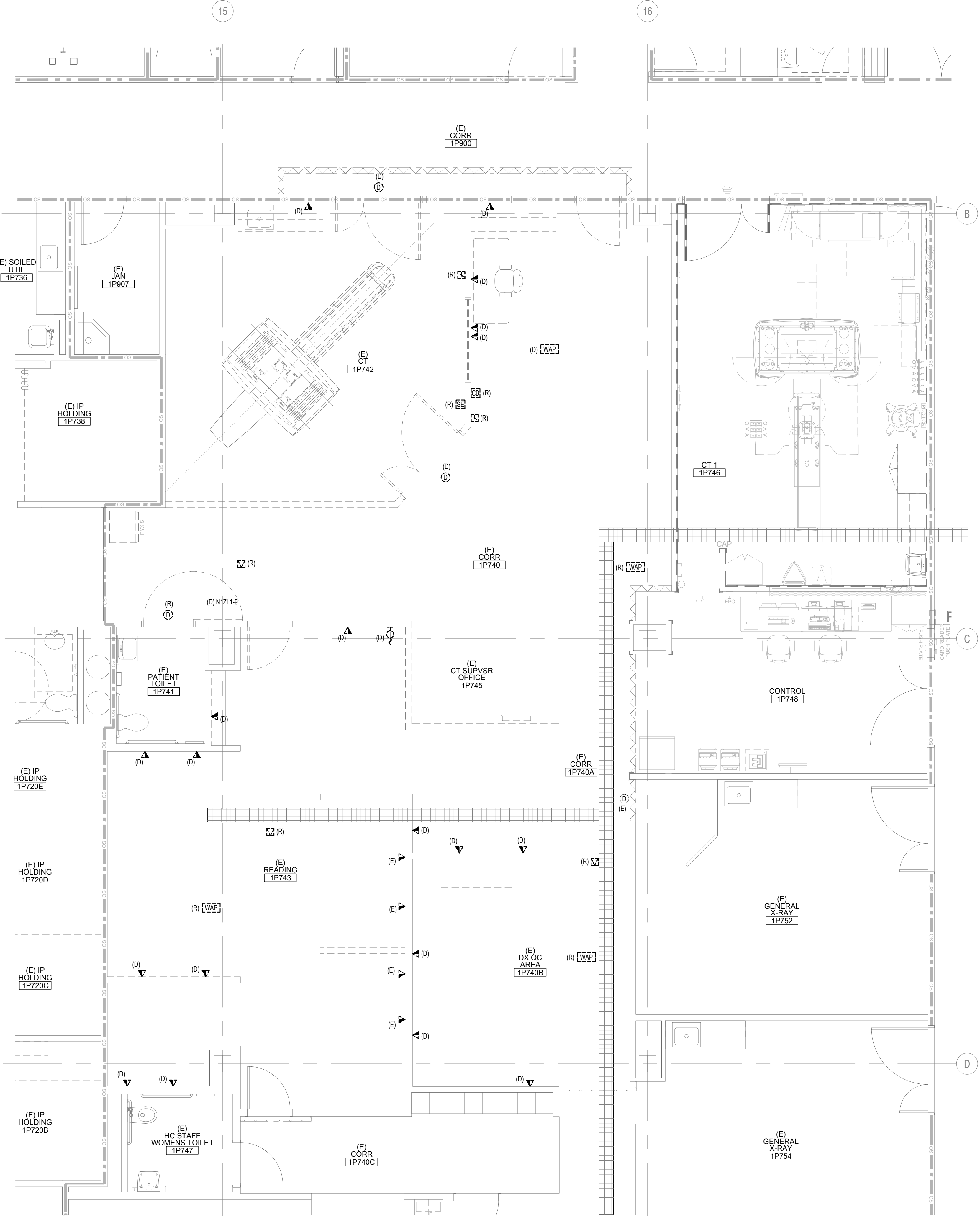
Project Number: K044
Contact: JOHNNY
400 R Street, Ste 333
Sacramento, CA 95811
916.296.2460
Sacramento | Alameda | Irvine

REV	REVISION DESCRIPTION	DATE
2	ADDENDUM 1 (ACD-001)	10/14/2025

CONSTRUCTION DOCUMENTS



2 ENLARGED FIRST FLOOR PLAN - NEW TELECOM
1/4" = 1'-0"



1 ENLARGED FIRST FLOOR PLAN - DEMO TELECOM
1/4" = 1'-0"

ACCOUNT NO. 9557740
PROJECT NO. S241219-34-00
BUILDING: BLD-02841 - SURGERY AND EMERGENCY SERVICES PAVILION
FLOOR/WING: 1ST FLOOR
PROJECT TITLE: SESEP 1P742 1P745 CT SCANNER REPLACEMENT
SHEET TITLE: ENLARGED FIRST FLOOR PLAN - DEMO & NEW TELECOM

ARCH./ENGR.	FD&C JOB NO.	SHEET NO.
J. Flath	-	T2.01

UCMC PROJECT MANAGER	SCALE	DATE
Z. Price	AS SHOWN	-

DESIGNED BY	CAD FILE	SHEET	OF
J. Luong	-	-	-