

TCMC ANGIO TO CATH LAB RENOVATION

TRI-CITY MEDICAL CENTER

4002 VISTA WAY
OCEANSIDE,
CALIFORNIA 92056

100% CONSTRUCTION DOCUMENTS: 09/28/2016

FIRST OSHPD SUBMITTAL: 10/10/2016

△ DESIGN CHANGES: 1/30/2017

△ OSHPD COMMENTS 8/14/2017

△ OSHPD COMMENTS 10/02/2017

△ DESIGN CHANGES 11/03/2017

STRUCTURAL:

SUN STRUCTURAL ENGINEERING

2091 Las Palmas Drive, Suite D
Carlsbad, CA 92011

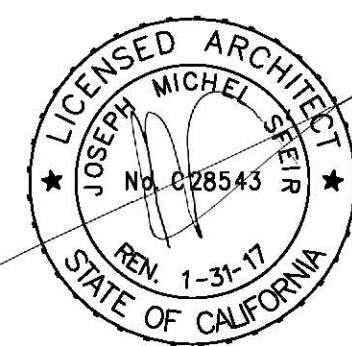
P: 760-438-1188

ARCHITECTURE:

S F E I R A R C H I T E C T S

△ 5151 Shoreham Place, Suite 100
San Diego, CA 92122

P: 619-299-3917
F: 619-299-5084
www.sfeirarch.com



MEP:

P2S

9665 Chesapeake, suite 230
San Diego, CA 92123

P: 619-618-2347



11/29/2017 08:44:43 AM
#[S170603-37-00]

OSHPD PROJECT NUMBER:
S170603-37-00

5151 Shoreham Pl., Suite 100 San Diego, CA 92122

P: 619-299-3917 F: 619-299-5084 www.sfeirarch.com

TCMC ANGIO TO CATH LAB RENOVATION

TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

OWNER: TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411 ARCHITECT: SFEIR ARCHITECTS 5151 SHOREHAM PLACE, SUITE 100 SAN DIEGO, CALIFORNIA 92122 TEL(619)299-3917 FAX(619)299-5084 STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188 ME&P: P2S 9865 CHESAPEAKE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347

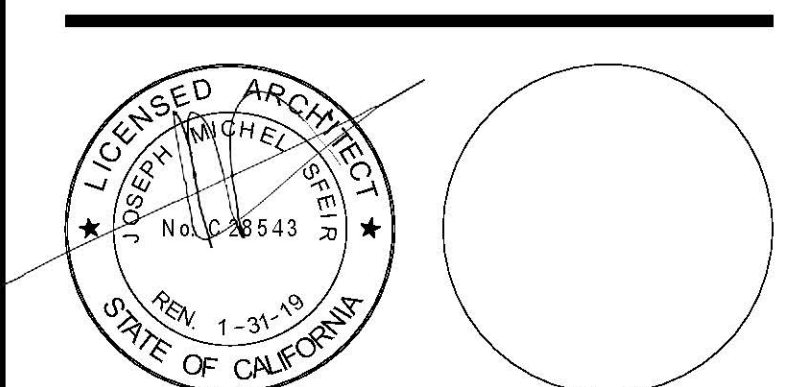


Table with 2 columns: Change Description, Date. Includes Design Changes and OSHPD Comments.

INDEX OF DRAWINGS:

Table listing drawing sheets (A0-00 to FA200) and their descriptions (COVER SHEET, ARCHITECTURAL, INTERIOR FINISHES, STRUCTURAL, MECHANICAL, FIRE ALARM).

PROJECT INFORMATION:

SCOPE OF WORK: RENOVATE EXISTING ANGIOGRAPHIC ROOM TO BECOME A CATH LAB, AND ADD A AIR HANDLER UNIT ON THE ROOF. CONTROL ROOM SQ. FT.: 72 SQ. FT. PROCEDURE ROOM SQ. FT.: 427 SQ. FT. UTILITY CLOSET SQ. FT.: 18 SQ. FT. TOTAL COMBINED AREA: 496 SQ. FT.

Table with columns: BUILDING DESCRIPTION, CONSTRUCTION CLASSIFICATION, APPLICABLE CODES AND REGULATIONS. Lists codes like California Building Code, Fire Code, etc.

OSHPD APPROVAL:

APPLICATION NUMBER: S170603-37-00

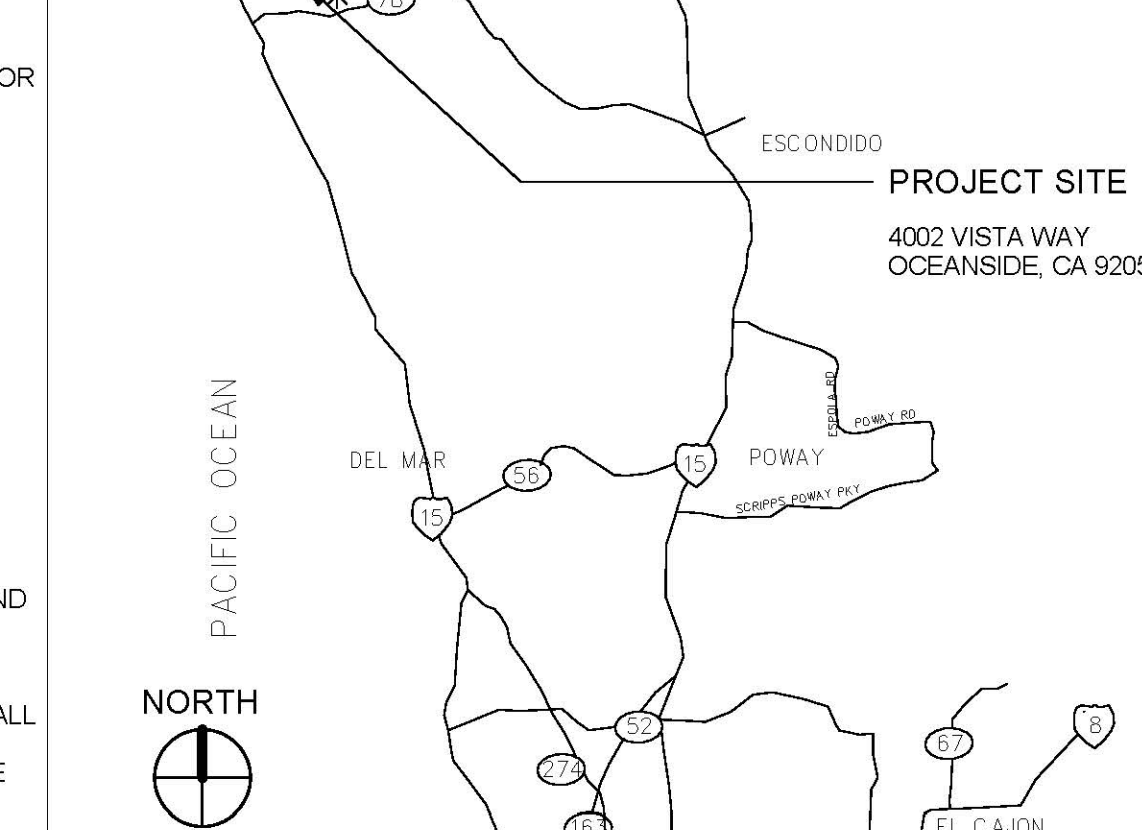
GENERAL NOTES:

- 1. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR CHECKING CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS FOR ACCURACY... 2. THE GENERAL CONTRACTOR SHALL INFORM THE OWNERS REPRESENTATIVE... 3. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL WORK AND MATERIALS... 4. ALL WORK NOT SPECIFICALLY COVERED IN THE CONTRACT DOCUMENTS SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH CONSTRUCTION INDUSTRY STANDARDS...

OSHPD INTENT STATEMENT

THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO BUILD IN ACCORDANCE WITH THE 2016 EDITION OF TITLES 24 & 19 OF THE CALIFORNIA CODE OF REGULATIONS... OSHPD INTENT STATEMENT

VICINITY MAP:



SEISMIC BRACING

- 1. SEISMIC BRACING - CBC 2016 CHAPTER 16A/ASCE 7-10 HVAC DUCTWORK, PLUMBING/PIPING AND CONDUIT SYSTEMS. 2. ALL PIPES, DUCTS AND CONDUIT SHALL BE BRACED TO RESIST THE FORCES DESCRIBED IN 2016 CBC CHAPTER 16A/ASCE 7-10... 3. SEISMIC SUPPORTS ARE NOT REQUIRED FOR HVAC DUCTWORK WITH L = 1.5 IF EITHER OF THE FOLLOWING CONDITIONS IS MET...

REQUIREMENTS FOR ACCESSIBILITY

- 1. IN ADDITION TO ALL LOCAL REQUIREMENTS AND THE AMERICANS WITH DISABILITIES ACT (ADA), ACCESSIBLE FEATURES SHALL COMPLY WITH THE STATE OF CALIFORNIA ADMINISTRATIVE CODE OF REGULATIONS, BUILDING CODE, TITLE 24, PART 2... 2. DURING ALL HOURS THE BUILDING IS OPEN TO THE PUBLIC, ALL PRIMARY ENTRANCES TO THE BUILDING, THE PRIMARY PATH OF TRAVEL FROM THE ENTRANCES TO ALL PORTIONS OF THE BUILDING INCLUDING SANITARY FACILITIES, DRINKING FOUNTAINS AND PUBLIC TELEPHONES SERVING THE BUILDING MUST BE ACCESSIBLE TO THE DISABLED... 3. ALL BUILDING ENTRANCES SHALL BE IDENTIFIED WITH AT LEAST ONE STANDARD SIGN AND WITH ADDITIONAL DIRECTIONAL SIGNS, AS REQUIRED...

- 11. ABRUPT CHANGES IN LEVEL ABOVE ANY ACCESSIBLE ROUTE SHALL NOT EXCEED 1/2 INCH... 12. FOR RAMPS MINIMUM WIDTH SHALL BE 48". 13. SIDE REACH MOUNTING HEIGHTS: IF THE CLEAR FLOOR SPACE ALLOWS PARALLEL APPROACH BY A PERSON IN A WHEELCHAIR... 14. FORWARD REACH MOUNTING HEIGHTS: IF THE CLEAR SPACE ONLY ALLOWS FORWARD APPROACH BY A PERSON IN A WHEELCHAIR... 15. DOORS LEADING TO MEN'S SANITARY FACILITIES SHALL BE IDENTIFIED BY AN EQUILATERAL TRIANGLE 1/4" THICK... 16. UNISEX SANITARY FACILITIES SHALL BE IDENTIFIED BY A CIRCLE 1/4" THICK... 17. GEOMETRIC (CIRCLE AND TRIANGLE) SYMBOLS SHALL BE CENTERED ON THE DOOR AT A HEIGHT OF 60" ABOVE FINISHED FLOOR... 18. ADDITIONAL SIGNAGE REQUIREMENTS: RAISED LETTERS SHALL BE PROVIDED AND SHALL BE ACCOMPANIED BY BRAILLE IN CONFORMANCE WITH SECTION 11B-703...

ABBREVIATIONS:

Table with 3 columns: Abbreviation, Full Name, Full Name. Lists various construction and mechanical abbreviations like ACT, ALUM, ALT, AP, ARCH, BD, BLDG, BLDGK, etc.

SEISMIC BRACING

- 1. SEISMIC BRACING - CBC 2016 CHAPTER 16A/ASCE 7-10 HVAC DUCTWORK, PLUMBING/PIPING AND CONDUIT SYSTEMS. 2. ALL PIPES, DUCTS AND CONDUIT SHALL BE BRACED TO RESIST THE FORCES DESCRIBED IN 2016 CBC CHAPTER 16A/ASCE 7-10... 3. SEISMIC SUPPORTS ARE NOT REQUIRED FOR HVAC DUCTWORK WITH L = 1.5 IF EITHER OF THE FOLLOWING CONDITIONS IS MET...

INTERIM LIFE SAFETY MEASURES

- 1. ALL EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT... 2. PRIOR TO THE START OF WORK CONSULT WITH FIELD FIRE MARSHAL ON AN ACCEPTABLE EXITING ARRANGEMENT... 3. ENSURE THAT THE EXITS PROVIDE FREE AND UNOBSTRUCTED EGRESS PERSONNEL... 4. ENSURE THAT FIRE ALARM, DETECTION & SUPPRESSION SYSTEMS ARE NOT IMPAIRED... 5. ENSURE THAT TEMPORARY CONSTRUCTION PARTITIONS ARE SMOKE TIGHT AND CONSTRUCTED OF NON-COMBUSTIBLE MATERIALS... 6. PROVIDE ADDITIONAL FIRE FIGHTING EQUIPMENT AND TRAIN PERSONNEL IN ITS USE.

SYMBOL LEGEND:

Symbol legend for drawing A0-00. Includes symbols for North Arrow, Elevation, Elevation in Plan, Window/Frame Number, Drawing Keynote, Equipment Number, Wall Type, Toilet Accessory, Detail in Plan, Detail in Section, Building Section, Wall Section.

TCMC ANGIO TO CATH LAB RENOVATION

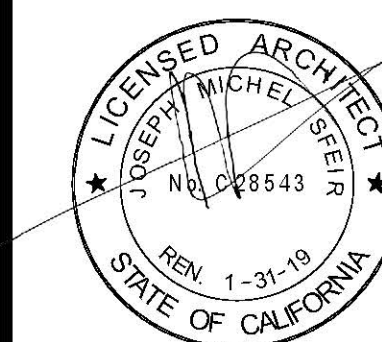
TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056

OWNER: TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056
TEL(760)724-8411

ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PLACE, SUITE 100
SAN DIEGO, CALIFORNIA 92122
TEL(619)299-3917 FAX(619)299-5084

STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.
2091 LAS PALMAS DRIVE, SUITE D
CARLSBAD, CALIFORNIA 92011
TEL(760)438-1188

ME&P: P2S
9885 CHESAPEAKE, SUITE 230
SAN DIEGO, CALIFORNIA 92123
TEL(619)618-2347



DESIGN CHANGES	1/30/17
OSHPD COMMENTS	8/14/17
OSHPD COMMENTS	10/02/17
DESIGN CHANGES	11/03/17

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD #: S170603-37-00



11/29/2017 08:44:43 AM
#S 70603-37-00

SHEET TITLE:
SITE - ZONING - CODE

PROJECT TITLE:
TCMC ANGIO TO CATH LAB RENOVATION

PROJECT #: 01608.00
DRAWN BY: Author
CHECKED BY: Checker
SCALE: As indicated
DATE: 10/10/16

SHEET NUMBER:
A1-00

GENERAL NOTES:

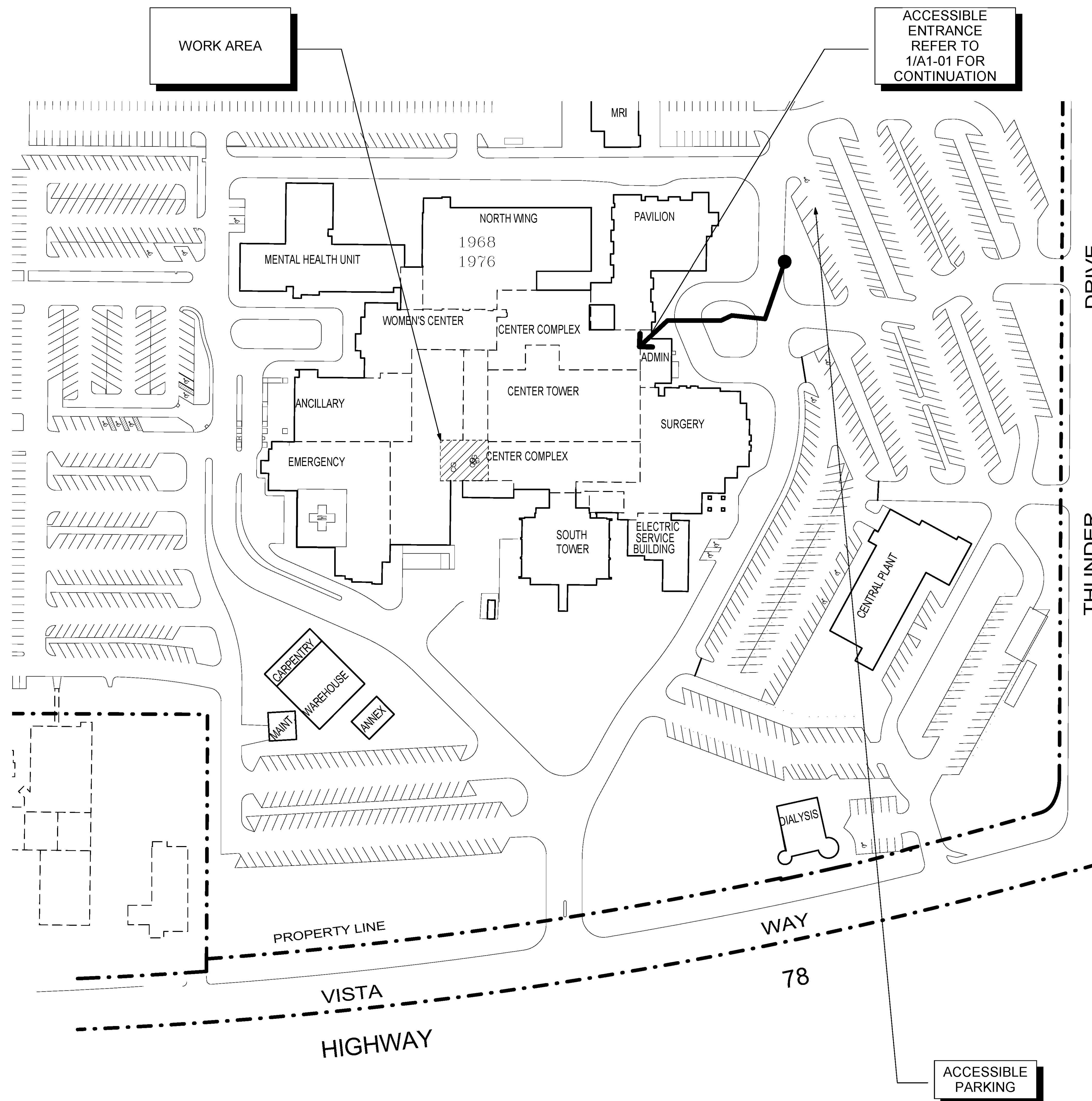
- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
- REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
- FIRE-RESISTANT RATED WALLS AND CEILINGS SHALL BE REPAIRED OR PATCHED TO MATCH THE EXISTING RATED CONDITION IN ORDER TO MAINTAIN THE CONTINUITY OF THE RATED WALL OR CEILING SYSTEM.

PARTITION LEGEND:

- ACCESSIBLE PATH OF TRAVEL
- EGRESS PATH OF TRAVEL
- EGRESS PATH OF TRAVEL WITHIN SUITE (TRAVEL DISTANCE)
- ONE-HOUR RATED CORRIDOR
- INDICATES AN EXISTING MEMBRANE OF PARTITION OR PARTITION TO BE REMOVED. REFER TO DEMOLITION PLAN FOR FURTHER REQUIREMENTS TO REMAIN TO PLAN FOR UPGRADE REQUIREMENTS
- INDICATES AN EXISTING ONE-HOUR FIRE RATED PARTITION TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES AN EXISTING TWO HOUR FIRE RATED PARTITION TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES AN EXISTING SMOKE BARRIER
- THICK LINE INDICATES NEW SURFACE FINISH.
- INDICATES A NEW ONE HOUR FIRE RATED PARTITION EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES A NEW TWO HOUR FIRE RATED SMOKE BARRIER PARTITION EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES AN EXISTING STRUCTURAL CONCRETE WALL TO REMAIN. LOCATE REINFORCING STEEL AND OBTAIN APPROVAL FROM STRUCTURAL ENGINEER PRIOR TO CORING AND/ OR CUTTING.
- WALL TYPE "A" REFER TO DETAIL 1/A5-00.
- WALL TYPE "B" REFER TO DETAIL 2/A5-00.
- WALL TYPE "C" REFER TO DETAIL 3/A5-00.

PARTITION NOTES:

- ALL DIMENSIONS SHOWN ARE TO FINISHED FACE OF GYP. BOARD. TYPICAL U.O.N. REFER TO SHEET A5-00 FOR GENERAL NOTES AND REQUIREMENTS FOR PARTITIONS.
- EXISTING WALLS WERE CONSTRUCTED WITH MANY PERMITS AND/OR CONTRACTS. FIELD VERIFY CONSTRUCTION AND WIDTH PRIOR TO FABRICATION OF DOOR FRAMES OR COMPONENTS WHICH REQUIRE THE WIDTH OF WALL TO BE SET.

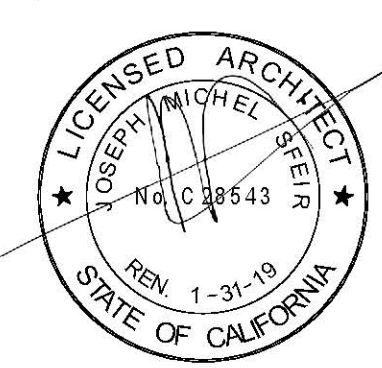


1 SITE PLAN
1" = 60'-0"

TCMC ANGIO TO CATH LAB RENOVATION

TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056

OWNER: TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056
TEL(760)724-8411
ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PLACE, SUITE 100
SAN DIEGO, CALIFORNIA 92122
TEL(619)299-3917 FAX(619)299-5084
STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.
2091 LAS PALMAS DRIVE, SUITE D
CARLSBAD, CALIFORNIA 92011
TEL(760)438-1188
ME&P: P2S
9865 CHESAPEAKE, SUITE 230
SAN DIEGO, CALIFORNIA 92123
TEL(619)618-2347



DESIGN CHANGES	1/30/17
OSHPD COMMENTS	8/14/17
OSHPD COMMENTS	10/02/17
DESIGN CHANGES	11/03/17

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD #: S170603-37-00



11/29/2017 08:44:43 AM
#S 70603-37-00

SHEET TITLE:
CODE COMPLIANCE FIRST FLOOR AND BASEMENT PLANS
PROJECT TITLE:
TCMC ANGIO TO CATH LAB RENOVATION
PROJECT #: 01608.00
DRAWN BY: Author
CHECKED BY: Checker
SCALE: As indicated
DATE: 10/10/16
SHEET NUMBER:
A1-01

GENERAL NOTES:

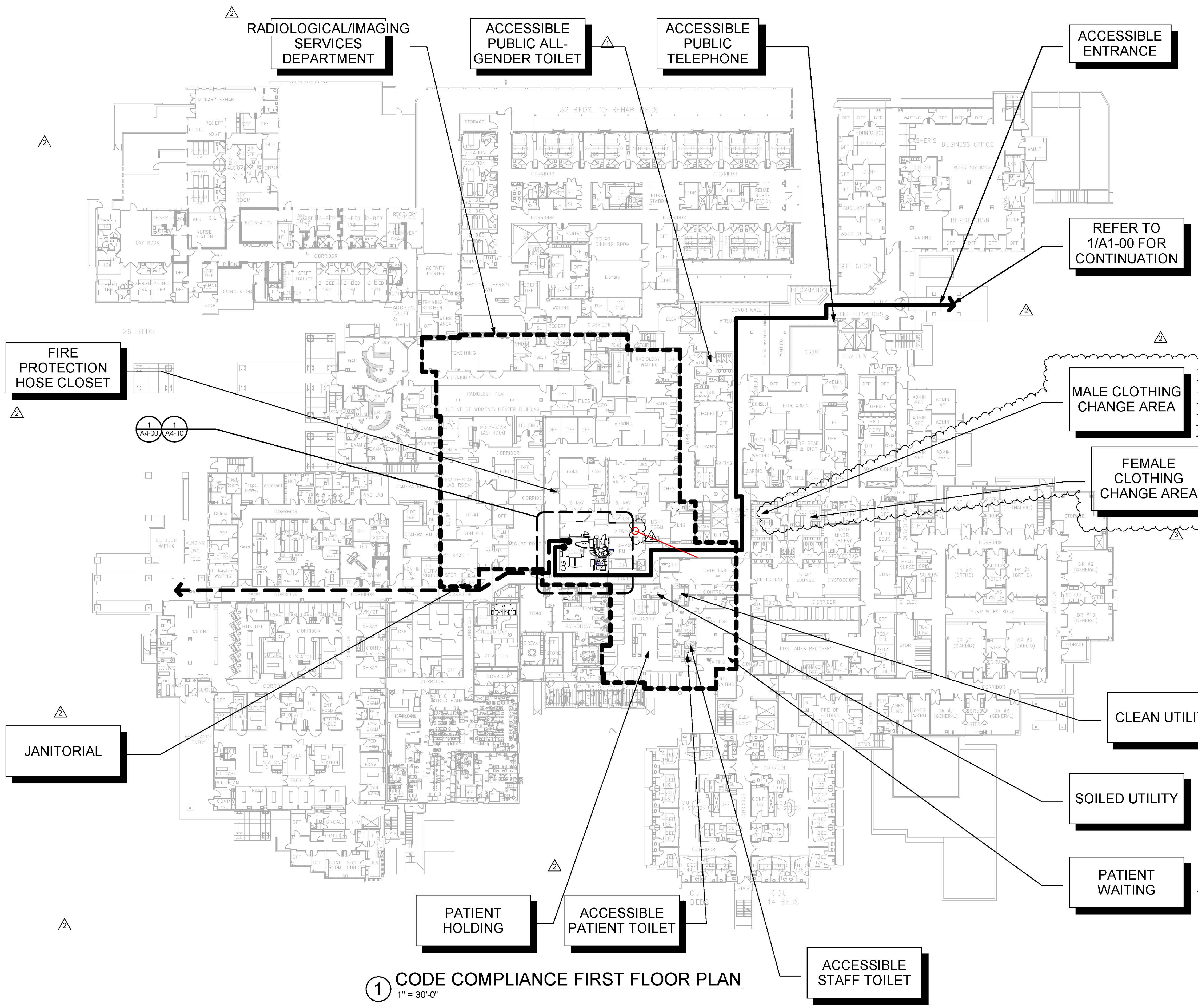
- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
- REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
- FIRE-RESISTANT RATED WALLS AND CEILINGS SHALL BE REPAIRED OR PATCHED TO MATCH THE EXISTING RATED CONDITION IN ORDER TO MAINTAIN THE CONTINUITY OF THE RATED WALL OR CEILING SYSTEM.

PARTITION LEGEND:

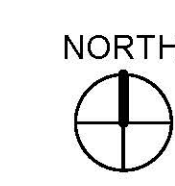
- ACCESSIBLE PATH OF TRAVEL
- EGRESS PATH OF TRAVEL
- EGRESS PATH OF TRAVEL WITHIN SUITE (TRAVEL DISTANCE)
- ONE-HOUR RATED CORRIDOR
- INDICATES AN EXISTING MEMBRANE OF PARTITION OR PARTITION TO BE REMOVED. REFER TO DEMOLITION PLAN FOR FURTHER REQUIREMENTS TO REMAIN.
- INDICATES AN EXISTING ONE HOUR FIRE RATED PARTITION. TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES AN EXISTING TWO HOUR FIRE RATED PARTITION TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES AN EXISTING SMOKE BARRIER
- THICK LINE INDICATES NEW SURFACE FINISH.
- INDICATES A NEW ONE HOUR FIRE RATED PARTITION EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES A NEW TWO HOUR FIRE RATED SMOKE BARRIER PARTITION EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- WALL TYPE "A" REFER TO DETAIL 1/A5-00.
- WALL TYPE "B" REFER TO DETAIL 2/A5-00.
- WALL TYPE "C" REFER TO DETAIL 3/A5-00.

PARTITION NOTES:

- ALL DIMENSIONS SHOWN ARE TO FINISHED FACE OF GYP. BOARD. TYPICAL U.O.N. REFER TO SHEET A5-00 FOR GENERAL NOTES AND REQUIREMENTS FOR PARTITIONS.
- EXISTING WALLS WERE CONSTRUCTED WITH MANY PERMITS AND/OR CONTRACTS. FIELD VERIFY CONSTRUCTION AND WIDTH PRIOR TO FABRICATION OF DOOR FRAMES OR COMPONENTS WHICH REQUIRE THE WIDTH OF WALL TO BE SET.



1 CODE COMPLIANCE FIRST FLOOR PLAN
1" = 30'-0"

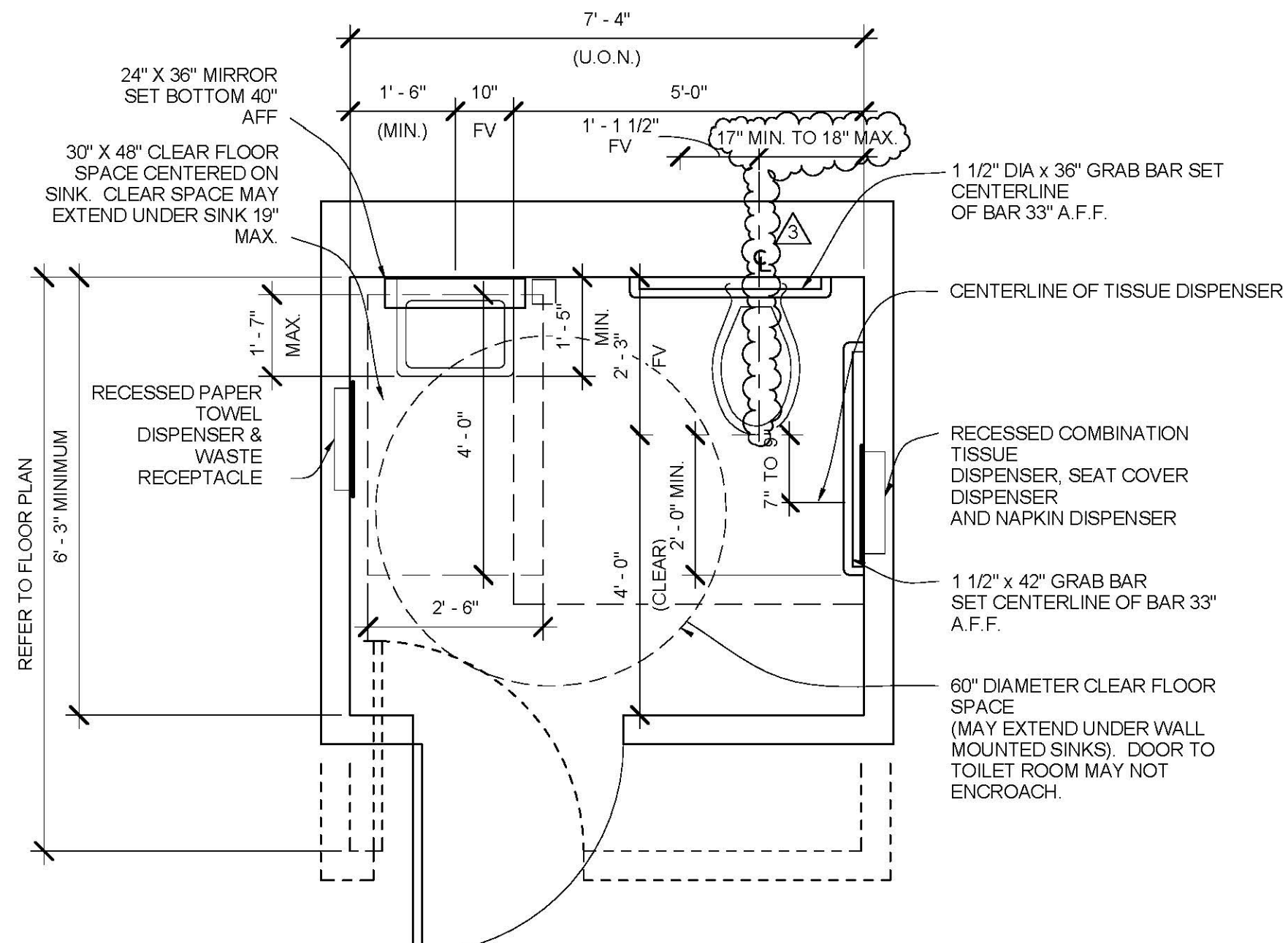


TCMC ANGIO
TO CATH LAB
RENOVATION

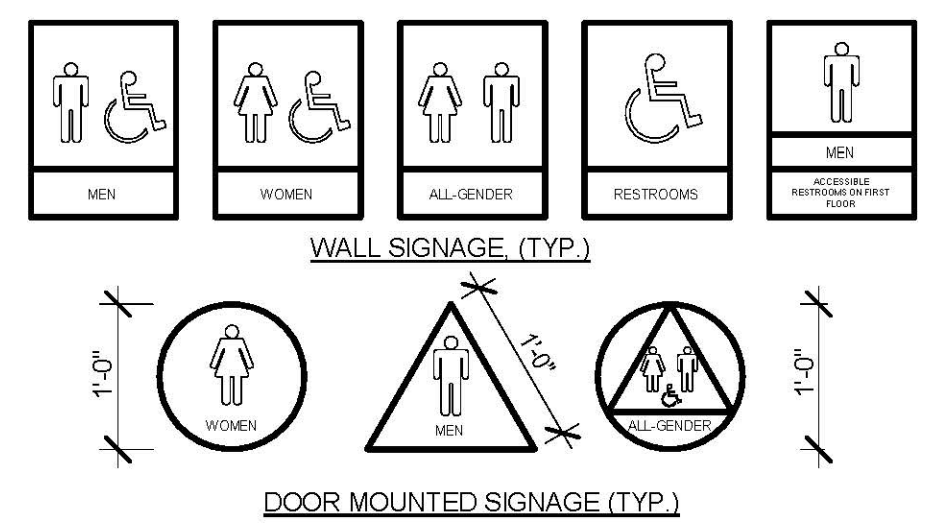
TRI-CITY MEDICAL
CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA
92056

OWNER: TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056
TEL: (760) 724-8411
ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PLACE, SUITE 100
SAN DIEGO, CALIFORNIA 92122
TEL: (619) 299-3917 FAX: (619) 299-5084
STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.
2091 LAS PALMAS DRIVE, SUITE D
CARLSBAD, CALIFORNIA 92011
TEL: (760) 438-1188
ME&P: P2S
9865 CHESAPEAKE, SUITE 230
SAN DIEGO, CALIFORNIA 92123
TEL: (619) 618-2347

- GENERAL NOTES:**
1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
 2. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
 3. FIRE-RESISTANT RATED WALLS AND CEILINGS SHALL BE REPAIRED OR PATCHED TO MATCH THE EXISTING RATED CONDITION IN ORDER TO MAINTAIN THE CONTINUITY OF THE RATED WALL OR CEILING SYSTEM.



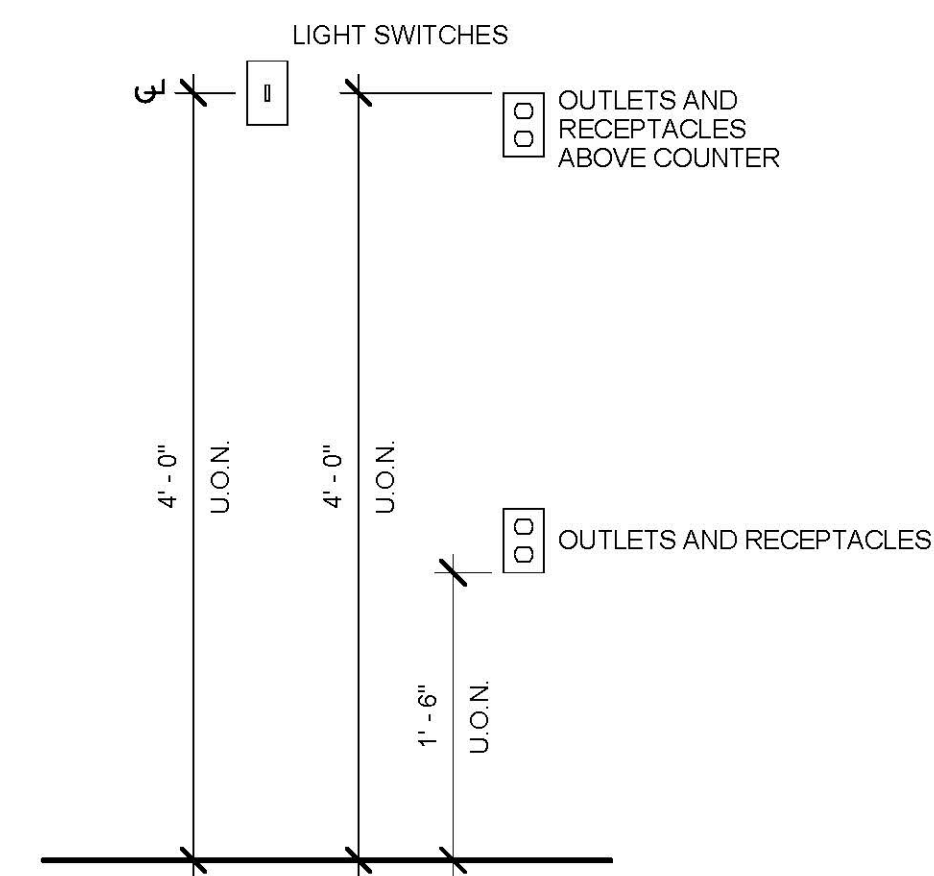
1 ACCESSIBLE TOILET PLAN
1/2" = 1'-0"



NOTE: PICTOGRAMS AND/OR LETTERING ARE NOT REQ'D. ON DOOR-MOUNTED SIGNAGE
WALL MOUNTED SIGN TO BE ON LATCH SIDE OF DOOR CLEAR OF DOOR-SWING. SHALL BE LOCATED 48" MIN. ABOVE FINISH FLOOR, MEASURED FROM BASELINE OF THE LOWEST LINE OF BRAILLE AND 60" MAX. ABOVE THE FINISH FLOOR, MEASURED FROM THE BASELINE OF HIGHEST LINE OF RAISED CHARACTERS.
HEIGHT OF UPPERCASE LETTERING 5/8" MIN. TO 2" MAX.
DOOR MTD. SIGNAGE 1/4" THICK (TYP.)

CALIFORNIA BRAILLE AND COLOR CODE REQUIREMENTS
CONTRACTED GRADE 2 BRAILLE SHALL BE USED WHERE BRAILLE SYMBOLS ARE SPECIFICALLY REQ'D. IN OTHER PORTIONS OF THESE STANDARDS. DOTS SHALL BE SPACED 1/10 INCH (2.54 mm) ON CENTERS IN EA. CELL W/ 2/10" (5.08 mm) SPACED BETWEEN CELLS. DOTS SHALL BE RAISED A MIN. OF 1/40 INCH (1.025 mm) ABOVE BACKGROUND. LETTERS AND SYMBOLS SHALL BE WHITE AND BACKGROUND SHALL BE EQUAL TO BLUE COLOR NO. 15090 IN FEDERAL STANDARD 595B.

2 SANITARY FACILITIES SIGNAGE
1/2" = 1'-0"



3 OUTLETS AND SWITCHES MOUNTING HEIGHT
1" = 1'-0"

ACCESSORY SCHED. - TOILET
NOTE: MODEL NUMBERS REFERENCED REFER TO "BOBRICK WASHROOM EQUIPMENT CO."

TAG	MODEL NUMBER	DESCRIPTION
(A)	B-353	RECESSED SANITARY NAPKIN DISPENSER
(B)	B-38034	RECESSED PAPER TOWEL DISPENSER & WASTE REC. (600 C-FOLD)
(C)	B-166 2436	24"X36" ANGLE FRAME MIRROR W/ 5" SHELF
(D)	B-3574	RECESSED SEAT COVER DISP., NAPKIN DISP., TISSUE DISPENSER
(E)	B-3474	RECESSED SEAT COVER DISPENSER
(F)	B-6806X36	36" GRAB BAR W/ CONCEALED MOUNTING
(G)	B-3888	RECESSED MULTI-ROLL TOILET TISSUE DISPENSER
(H)	B-4369	RECESSED PAPER TOWEL DISPENSER & WASTE REC. (300 C-FOLD)
(J)	B-155	SURFACE MOUNTED SOAP DISPENSER (OFCI)
(K)	B-212	CLOTHES HOOK AND BUMPER
(L)	B-6806X42	42" GRAB BAR W/ CONCEALED MOUNTING.

LICENSED ARCHITECT
MICHEL SFEIR
No. C-28543
REN 1-31-19
STATE OF CALIFORNIA

DESIGN CHANGES	1/30/17
OSHPD COMMENTS	8/14/17
OSHPD COMMENTS	10/02/17
DESIGN CHANGES	11/03/17

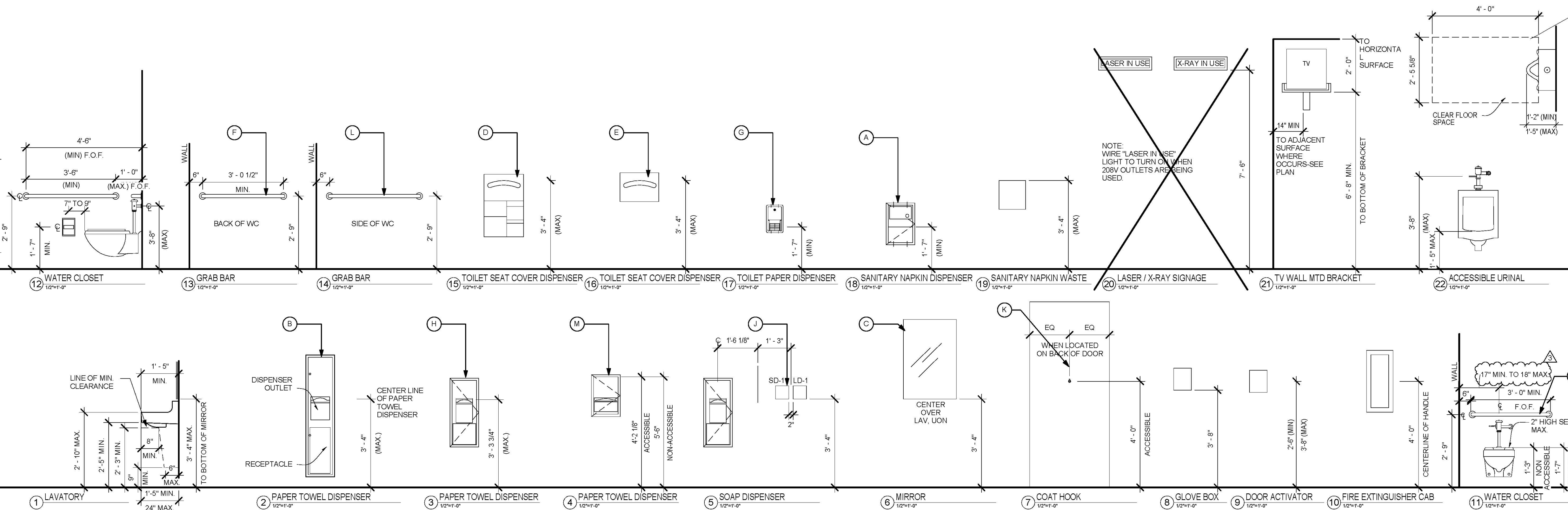
REV: DESCRIPTION: DATE:
CONSULTANT

OSHPD APPROVAL STAMP:
OSHPD #: S170603-37-00

REVIEWED IN ACCORDANCE WITH THE REQUIREMENTS OF T24, CCR
APPROVED
with comments
KC Huang, Sr. Architect
Office of Statewide Health Planning & Development
FACILITIES DEVELOPMENT DIVISION

PROJECT TITLE:
TCMC ANGIO TO CATH LAB RENOVATION

PROJECT #: 01608.00
DRAWN BY: [Signature]
CHECKED BY: [Signature]
SCALE: As indicated
DATE: 10/10/16



4 MOUNTING HEIGHTS
1/2" = 1'-0"

All rights reserved. No part of this work may be reproduced or copied in any form or by any means, graphic, electronic, or mechanical, including photocopying, recording, taping, or information and retrieval systems without written permission of the ARCHITECT.

TCMC ANGIO TO CATH LAB RENOVATION

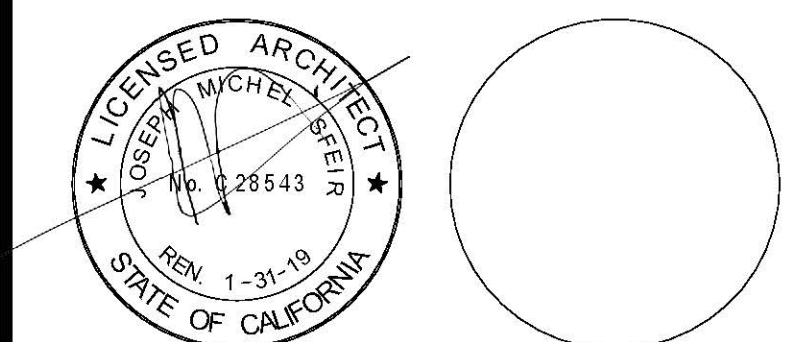
TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

OWNER: TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056
TEL(760)724-8411

ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PLACE, SUITE 100
SAN DIEGO, CALIFORNIA 92122
TEL(619)299-3917 FAX(619)299-5084

STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.
2091 LAS PALMAS DRIVE, SUITE D
CARLSBAD, CALIFORNIA 92011
TEL(760)438-1188

ME&P: P2S
9865 CHESAPEAKE, SUITE 230
SAN DIEGO, CALIFORNIA 92123
TEL(619)618-2347



DESIGN CHANGES	1/30/17
OSHPD COMMENTS	8/14/17
OSHPD COMMENTS	10/02/17
DESIGN CHANGES	11/03/17

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD #: S170603-37-00



11/29/2017 08:44:43 AM
#S 70603-37-00

SHEET TITLE:
1/4" PARTIAL DEMO FIRST

PROJECT TITLE:
TCMC ANGIO TO CATH LAB RENOVATION

PROJECT #: 01608.00
DRAWN BY: Author
CHECKED BY: Checker
SCALE: As indicated
DATE: 10/10/16

A4-00

DEMOLITION KEYNOTES:

- REMOVE EXISTING PARTITION.
- REMOVE EXISTING DOOR AND DOOR FRAME.
- EXISTING DOOR AND DOOR FRAME TO REMAIN.
- REMOVE EXISTING MILLWORK.
- REMOVE EXISTING WINDOW AND WINDOW FRAME.
- REMOVE EXISTING EQUIPMENT AND RELOCATE.
- REMOVE EXISTING LIGHT BOX.
- EXISTING CLOCK CONTROL TO BE RELOCATED.
- EXISTING SHUT-OFF BUTTON TO BE RELOCATED.
- EXISTING POWER CIRCUIT BREAKER TO REMAIN.
- REMOVE EXISTING WALL MOUNTED LIGHT FIXTURE.
- REMOVE EXISTING WALLPAPER.
- REMOVE EXISTING WALL PROTECTION.
- REMOVE EXISTING GWB TO INSTALL NEW MEDICAL GAS ALARM PANEL.
- FIRE RESISTIVE CORRUGATED BOARD - Coroplast® Firewall FRB Class 94V-2. TEMPORARY EXITING PROVISIONS SHALL MEET THE REQUIREMENTS OF OSHPD CAN 9-3301 AND THAT CONSTRUCTION/INFECTION CONTROL BARRIER PLACEMENT SHALL BE COORDINATED WITH OSHPD FIELD FLSO AND SHALL MAINTAIN AN ADEQUATE EGRESS IN COMPLIANCE WITH CBC AND SHALL NOT OBSTRUCT EXISTING EXITS. SEPARATE CONSTRUCTION AREA FROM ADJACENT OCCUPIED SPACE ABOVE CEILING WITH FIRE RESISTIVE VISQUEEN.

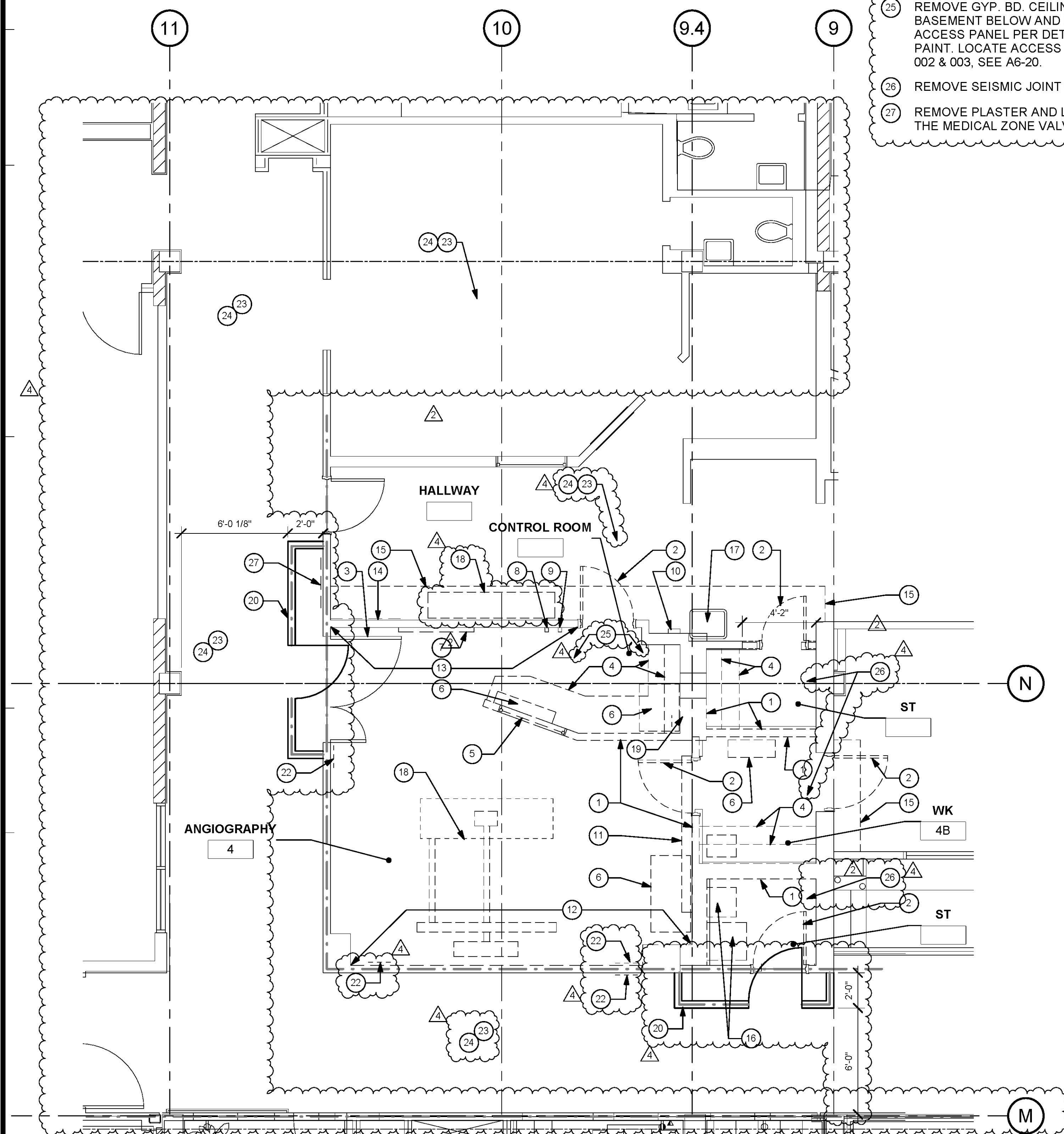
PARTITION LEGEND:

- ACCESSIBLE PATH OF TRAVEL.
- EGRESS PATH OF TRAVEL.
- EGRESS PATH OF TRAVEL WITHIN SUITE (TRAVEL DISTANCE)
- ONE-HOUR RATED CORRIDOR.
- INDICATES AN EXISTING MEMBRANE OF PARTITION OR PARTITION TO BE REMOVED. REFER TO DEMOLITION PLAN FOR FURTHER REQUIREMENTS TO REMAIN.
- INDICATES AN EXISTING ONE HOUR FIRE RATED PARTITION. TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES AN EXISTING TWO HOUR FIRE RATED PARTITION TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES AN EXISTING SMOKE BARRIER.
- THICK LINE INDICATES NEW SURFACE FINISH.
- INDICATES A NEW ONE HOUR FIRE RATED PARTITION EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES A NEW TWO HOUR FIRE RATED SMOKE BARRIER PARTITION EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES AN EXISTING STRUCTURAL CONCRETE WALL TO REMAIN. LOCATE REINFORCING STEEL AND OBTAIN APPROVAL FROM STRUCTURAL ENGINEER PRIOR TO CORING AND/OR CUTTING.
- WALL TYPE "A" REFER TO DETAIL 1/A5-00.
- WALL TYPE "B" REFER TO DETAIL 2/A5-00.
- WALL TYPE "C" REFER TO DETAIL 3/A5-00.

PARTITION NOTES:

- ALL DIMENSIONS SHOWN ARE TO FINISHED FACE OF GYP. BOARD. TYPICAL U.O.N. REFER TO SHEET A5-00 FOR GENERAL NOTES AND REQUIREMENTS FOR PARTITIONS.
- EXISTING WALLS WERE CONSTRUCTED WITH MANY PERMITS AND/OR CONTRACTS. FIELD VERIFY CONSTRUCTION AND WIDTH PRIOR TO FABRICATION OF DOOR FRAMES OR COMPONENTS WHICH REQUIRE THE WIDTH OF WALL TO BE SET.

- REMOVE EXISTING PLUMBING FIXTURE, SEE PLUMBING DRAWINGS.
- EXISTING SCRUB SINK TO REMAIN.
- EXISTING EQUIPMENT TO REMAIN.
- EXISTING WIREWAY TO REMAIN. SEE ELECTRICAL DRAWINGS. (REMOVE FRAMING & GWB. BD.)
- TEMPORARY 1 HOUR RATED GYPSUM WALL BOARD PARTITION FROM FLOOR TO UNDERSIDE OF EXISTING CEILING ABOVE WITH 20 MIN FIRE RATED DOOR & DOOR FRAME.
- SEISMIC JOINT.
- REMOVE MEDICAL GASES REFER TO P201.
- REMOVE & REINSTALL CEILING TILES AFTER ROOF TOP ANCHORS ARE INSTALLED. REPLACE DAMAGED TILES TO MATCH EXISTING.
- PROVIDE MOBILE INFECTION CONTROL UNIT.
- REMOVE GYP. BD. CEILING IN STORAGE ROOM IN BASEMENT BELOW AND INSTALL 2'X2' CEILING ACCESS PANEL PER DETAIL 7/A5-60. PRIME AND PAINT. LOCATE ACCESS PANEL BELOW EQUIPMENT 002 & 003, SEE A6-20.
- REMOVE SEISMIC JOINT COVER.
- REMOVE PLASTER AND LATH AS NEEDED TO INSTALL THE MEDICAL ZONE VALVE.



1 FIRST LEVEL DEMOLITION PLAN
1/4" = 1'-0"



TCMC ANGIO TO CATH LAB RENOVATION

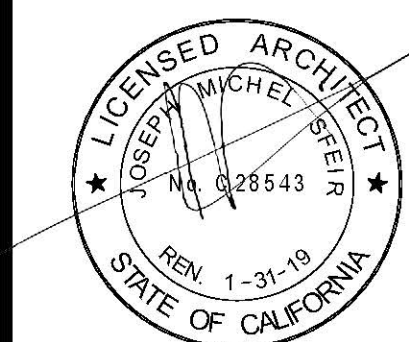
TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056

OWNER: TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056
TEL(760)724-8411

ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PLACE, SUITE 100
SAN DIEGO, CALIFORNIA 92122
TEL(619)299-3917 FAX(619)299-5084

STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.
2091 LAS PALMAS DRIVE, SUITE D
CARLSBAD, CALIFORNIA 92011
TEL(760)438-1188

ME&P: P2S
9865 CHESAPEAKE, SUITE 230
SAN DIEGO, CALIFORNIA 92123
TEL(619)618-2347



DESIGN CHANGES	1/30/17
OSHPD COMMENTS	8/14/17
OSHPD COMMENTS	10/02/17
DESIGN CHANGES	11/03/17

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD #: S170603-37-00



11/29/2017 08:44:43 AM
#S 70603-37-00

SHEET TITLE:
1/4" PARTIAL ROOF DEMO

PROJECT TITLE:
TCMC ANGIO TO CATH LAB RENOVATION

PROJECT #: 01608.00
DRAWN BY: MC
CHECKED BY: Checker
SCALE: As indicated
DATE: 10/10/16

A4-01

GENERAL NOTES:

- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
- REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
- FIRE-RESISTANT RATED WALLS AND CEILINGS SHALL BE REPAIRED OR PATCHED TO MATCH THE EXISTING RATED CONDITION IN ORDER TO MAINTAIN THE CONTINUITY OF THE RATED WALL OR CEILING SYSTEM.

DEMOLITION GENERAL NOTES:

- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING DEMOLITION.
- THE GENERAL CONTRACTOR SHALL COORDINATE ALL PHASING, ACCESS, DEBRIS REMOVAL, STAGING AREAS AND HOURS OF CONSTRUCTION WITH OWNER PRIOR TO START OF DEMOLITION.
- THE GENERAL CONTRACTOR SHALL COORDINATE WITH STRUCTURAL, MEP, FIRE ALARM, FIRE PROTECTION, NURSE CALL, INTERIORS AND EQUIPMENT DRAWINGS PRIOR TO STARTING DEMOLITION. THE PROJECT MANUAL AND ALL DRAWINGS IN THE CONSTRUCTION DRAWINGS SHALL BE PART OF THE CONSTRUCTION DOCUMENTS.
- THE GENERAL CONTRACTOR SHALL SEPARATE DISSIMILAR METALS WITH BUILDING PAPER OR PLASTIC SHIM.
- THE GENERAL CONTRACTOR SHALL X-RAY AND/OR ULTRASOUND THE EXISTING CONCRETE FLOORS AND FLOOR ABOVE FOR ANY POSSIBLE EMBEDDED CONDUITS, STRUCTURAL REBAR OR UNFORESEEN CONDITION THAT MIGHT IMPEDE THE ANCHORING OF EQUIPMENT OR CONFLICT WITH CORE DRILLING PRIOR TO START OF CONSTRUCTION.
- REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
- CONTRACTOR STAGING TO BE IN THE ROOMS UNDER REMODEL.
- CONTRACTOR PARKING TO BE IN CONTRACTOR DESIGNATED PARKING AREA.
- THE CONTRACTOR SHALL ENSURE THAT THE AREA UNDER REMODEL IS LOCKED AND OTHERWISE SECURED AFTER HOURS.
- UNLESS OTHERWISE NOTED, CONTRACTOR SHALL COORDINATE WITH THE OWNER THE REMOVAL OF EXISTING EQUIPMENT INDICATED ON DRAWINGS.
- DASHED LINES INDICATE ITEMS TO BE DEMOLISHED OR REMOVED. REFER TO FLOOR PLAN, CEILING PLAN AND ROOM FINISH SCHEDULE ALONG WITH MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION, AND FIRE ALARM SECTIONS FOR FURTHER DESCRIPTION OF SCOPE OF WORK.
- REFER TO DEMOLITION PLAN FOR NOTES INDICATING TYPE OF FINISHES WITHIN THE EXISTING SPACE TO BE REMOVED.
- REFER TO RELATED PLANS FOR PORTIONS OF EXISTING CONSTRUCTION SCHEDULED TO REMAIN.
- PATCH NEW WORK TO MATCH AND ALIGN WITH THE EXISTING. COMPLETELY REMOVE EXISTING FINISHES WHERE NEW FINISHES ARE SCHEDULED.
- CONTRACTOR SHALL PRESERVE AND PROTECT THE EXISTING AREA, EQUIPMENT, CABINETRY ETC. ADJACENT TO THE AREA OF WORK.
- REFER TO NEW PLAN AND INTERIOR ELEVATIONS FOR LOCATION OF NEW WALL CONNECTIONS, OPENINGS, RECESSED ITEMS, BACKING PLATES, ETC. AT EXISTING WALLS. REMOVE GYPSUM BOARD WHERE NEEDED TO ACCOMMODATE FOR THE ABOVE WORK.
- CAP AND CLOSE ALL ABANDONED OPENINGS AT EXISTING SLAB. FILL AND PATCH TO LEVEL FLOOR. REFER TO STRUCTURAL DETAIL FOR INFILL OPENING DETAIL. NOTE THAT THE NUMBER OF EXISTING OPENINGS TO BE FILLED IS ONLY INDICATIVE, REFER TO MEP FOR MORE INFORMATION. NOTIFY ARCHITECT OF UNCOVERED EXISTING CONDITIONS.
- CONTRACTOR SHALL PRESERVE AND PROTECT THE PORTIONS OF THE EXISTING OVERHEAD PAGING, TELEPHONE, DATA AND ELECTRICAL LINES DURING THE COURSE OF CONSTRUCTION. MANY OF THE SYSTEMS ARE SCHEDULED FOR REUSE BY THE OWNER UNDER THIS OR SEPARATE CONTRACTS.
- GENERAL CONTRACTOR TO PROVIDE NEGATIVE PRESSURE IN EACH PHASE AND FILTER THE AIR WITH HEPA FILTRATION AND EXHAUST FILTER AIR THROUGH EXTERIOR WINDOWS. G.C. TO SECURE AN INFECTION CONTROL PERMIT FROM TRI-CITY MEDICAL CENTER PRIOR TO STARTING CONSTRUCTION.
- TEMPORARY CONSTRUCTION BARRIERS ARE REQUIRED TO BE INSTALLED DURING THE CONSTRUCTION OR RECONSTRUCTION OF FIRE-RESISTIVE ASSEMBLIES AND SHALL MEET THE SAME FIRE RATING AS THE SPECIFIC PERMANENT PARTITION. TEMPORARY INSTALLATIONS SHALL MAINTAIN ADEQUATE EGRESS IN COMPLIANCE WITH THE CBC AND SHALL NOT OBSTRUCT EXISTING EXITS, CREATE A FIRE HAZARD OR REDUCE REQUIRED FIRE RESISTANCE.
- GENERAL CONTRACTOR SHALL INSTALL A TEMPORARY DUST CURTAIN OF FIRE RESTRICTIVE VISQUEEN IN THE PLENUM BETWEEN TOP OF STUD PARTITION AND UNDERSIDE OF DECK ABOVE. SEAL ALL OPENINGS INCLUDING DOORS, AIR SUPPLY AND RETURN, EXHAUST GRILLE. PROVIDE ZIPPER TYPE ACCESS TO CONSTRUCTION AREAS. THE TEMPORARY DUST CURTAIN IS TO BE ERECTED BETWEEN WORK AREA AND ALL ADJACENT ROOMS AND CORRIDORS. THE GENERAL CONTRACTOR SHALL PROVIDE A TEMPORARY HEPA FILTRATION SYSTEM, TO BE APPROVED BY OWNER, FOR EACH AREA OF THE REMODEL, FOR THE REMOVAL OF ALL AIRBORNE MATERIAL CAUSED DURING CONSTRUCTION. EXHAUST FILTERED AIR FROM ROOMS UNDER CONSTRUCTION THROUGH BUILDING AIR RETURN SYSTEM.

ROOF DEMO. GENERAL NOTES:

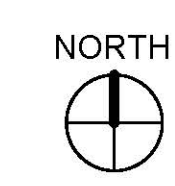
- THE CONTRACTOR SHALL SECURE THE BUILDING FROM ALL WEATHER ELEMENTS DURING CONSTRUCTION.

ROOF DEMOLITION KEYNOTES:

- REMOVE ROOFING, INSULATION AND AGGREGATE.
- TEMPORARY COVER OPEN ROOF AGAINST WATER & WIND THROUGHOUT TO BE WATER TIGHT WHEN CONSTRUCTION IS NOT OCCURRING.
- EXISTING ROOF DRAIN TO REMAIN.
- EXISTING OVERFLOW ROOF DRAIN TO REMAIN.
- EXISTING EXHAUST FAN.
- EXISTING SCREEN.
- EXISTING ROOF EXPANSION JOINT.
- EXISTING ELEVATED CONDUITS.
- OUTLINE OF LAB ROOM BELOW.
- SAWCUT EXISTING CONCRETE ROOF DECK FOR NEW DUCTWORK AND DUCT INSULATION



1 PARTIAL ROOF DEMO
1/4" = 1'-0"



TCMC ANGIO TO CATH LAB RENOVATION

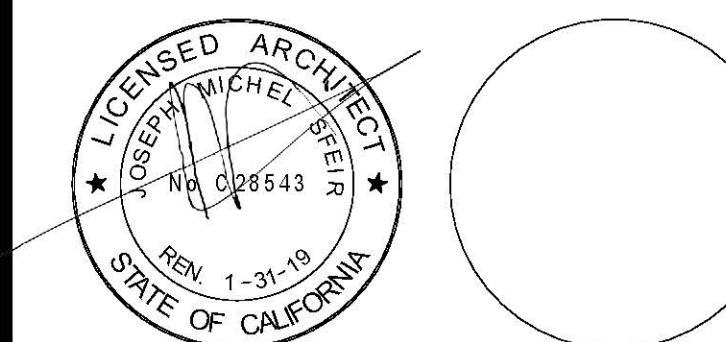
TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056

OWNER: TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056
TEL: (760) 724-8411

ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PLACE, SUITE 100
SAN DIEGO, CALIFORNIA 92122
TEL: (619) 299-3917 FAX: (619) 299-5084

STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.
2091 LAS PALMAS DRIVE, SUITE D
CARLSBAD, CALIFORNIA 92011
TEL: (760) 438-1188

ME&P: P2S
9865 CHESAPEAKE, SUITE 230
SAN DIEGO, CALIFORNIA 92123
TEL: (619) 618-2347



DESIGN CHANGES	1/30/17
OSHPD COMMENTS	8/14/17
OSHPD COMMENTS	10/02/17
DESIGN CHANGES	11/03/17

REV: DESCRIPTION: DATE:
CONSULTANT:

OSHPD APPROVAL STAMP:
OSHPD #: S170603-37-00



11/29/2017 08:44:43 AM
#S 70603-37-00

SHEET TITLE:
1/4" PARTIAL FIRST

PROJECT TITLE:
TCMC ANGIO TO CATH LAB RENOVATION

PROJECT #: 01608.00 SHEET NUMBER:
DRAWN BY: Author
CHECKED BY: Checker
SCALE: As indicated
DATE: 10/10/16

A4-10

FLOOR PLAN KEYNOTES:

- 1 NEW NON-RATED PARTITIONS.
- 2 NEW MILLWORK.
- 3 NEW DOOR AND DOOR FRAME.
- 4 NEW WINDOW AND WINDOW FRAME. SEE A6-30 FOR MORE INFORMATION.
- 5 POWER SHUT DOWN SWITCH.
- 6 FIRE ALARM SHUT OFF SWITCH. Comment 0110 - LAFDD (MBERNARD)
- 7 ADD SENTRONIC CLOSER TO EXISTING DOOR. CLOSER TO BE TIED TO FIRE ALARM. SEE HARDWARE GROUP EXST-01. IN THE SPECS
- 8 FILL CAVITY WITH 3-5/8" 16 GAGE STUDS AND A LAYER OF 5/8" GWB.
- 9 EXISTING SCRUB.
- 10 RELOCATE CLOCK CONTROLLER.
- 11 RELOCATE SHUT-OFF BUTTON.
- 12 (2) LAYER FIRE RATED PLYWOOD PRIME AND PAINT. PROVIDE (4) COUNTER TOP SUPPORTS SIMILAR TO 3/A5-00.
- 13 PATCH WALL WITH GYB. BD. PRIME AND PAINT.
- 14 PATCH WALL WITH LATH AND PLASTER TO MATCH EXISTING.
- 15 VERTICAL RACEWAY TO REMAIN. REPLACE COVER WITH NEW TO MATCH EXISTING.
- 16 REPLACE EXPANSION JOINT COVER TO MATCH EXISTING. USE CS-DGTR-200 COVER ONLY. PROVIDE NEW INSERT "GRAY" COLOR. COORDINATE EXACT LOCATION IN THE FIELD.
- 17 REINSTALL COAT HANGER.
- 18 EXPANSION JOINT. USE CS-FWF-200 COLOR "WHITE." COORDINATE EXACT LOCATION IN THE FIELD.
- 19 PROVIDE NEW DOOR FRAMING SEE STRUCTURAL DRAWINGS.
- 20 PROVIDE SISTER STUDS PER STRUCTURAL DRAWINGS, PATCH WITH 5/8" GYP. BD.

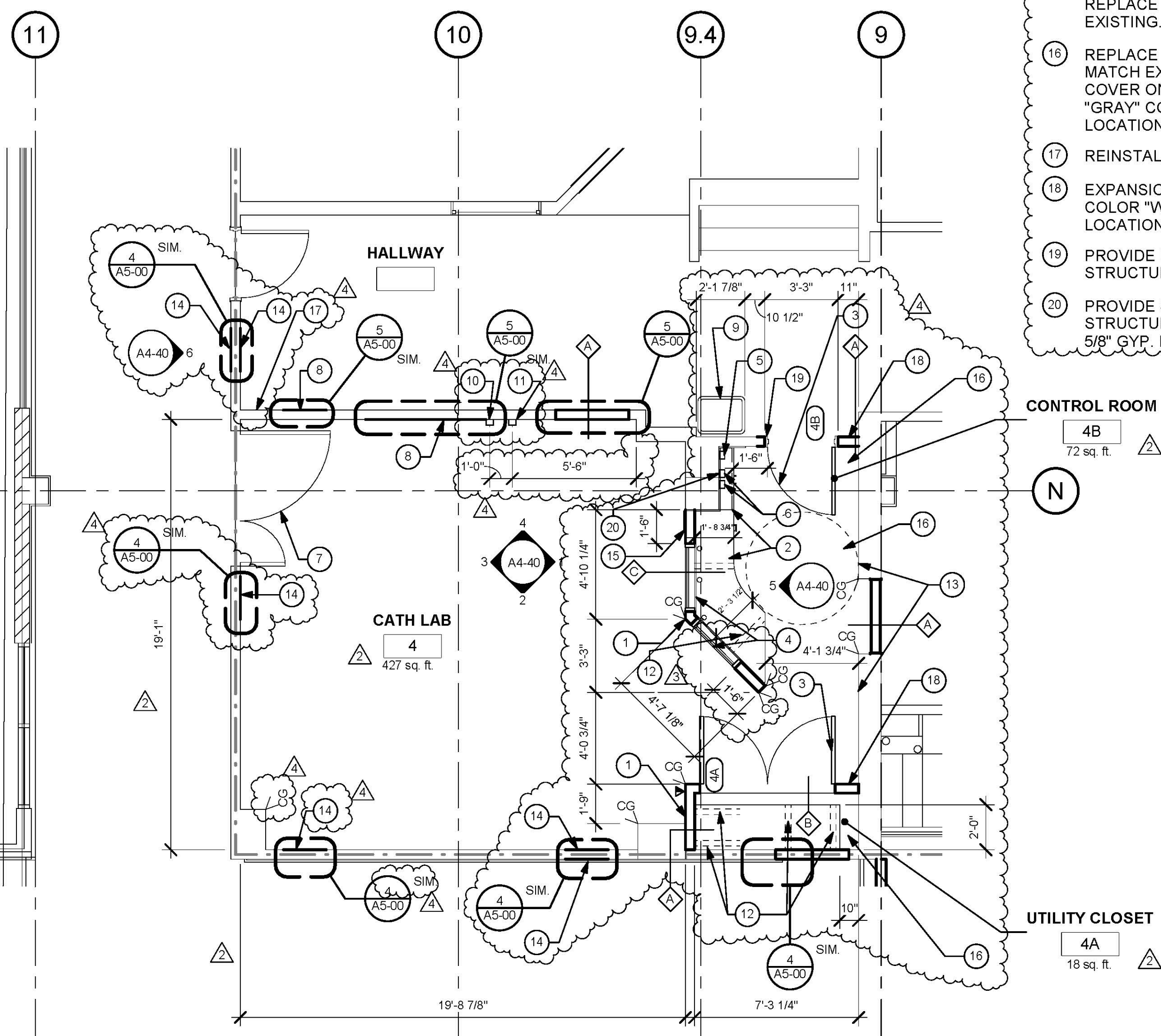
PARTITION LEGEND:

- ACCESSIBLE PATH OF TRAVEL.
- EGRESS PATH OF TRAVEL.
- EGRESS PATH OF TRAVEL WITHIN SUITE (TRAVEL DISTANCE)
- ONE-HOUR RATED CORRIDOR.
- INDICATES AN EXISTING MEMBRANE OF PARTITION OR DEMOLITION.
- INDICATES AN EXISTING ONE HOUR FIRE RATED PARTITION TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES AN EXISTING TWO HOUR FIRE RATED PARTITION TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES AN EXISTING SMOKE BARRIER.
- THICK LINE INDICATES NEW SURFACE FINISH.
- INDICATES A NEW ONE HOUR FIRE RATED PARTITION ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES A NEW TWO HOUR FIRE RATED SMOKE BARRIER PARTITION EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES AN EXISTING STRUCTURAL CONCRETE WALL TO REMAIN. LOCATE REINFORCING STEEL AND OBTAIN APPROVAL FROM STRUCTURAL ENGINEER PRIOR TO CORING AND/OR CUTTING.
- WALL TYPE "A" REFER TO DETAIL 1/A5-00.
- WALL TYPE "B" REFER TO DETAIL 2/A5-00.
- WALL TYPE "C" REFER TO DETAIL 3/A5-00.

PARTITION NOTES:

1. ALL DIMENSIONS SHOWN ARE TO FINISHED FACE OF GYP. BOARD, TYPICAL U.O.N. REFER TO SHEET A5-00 FOR GENERAL NOTES AND REQUIREMENTS FOR PARTITIONS.
2. EXISTING WALLS WERE CONSTRUCTED WITH MANY PERMITS AND/OR CONTRACTS. FIELD VERIFY CONSTRUCTION AND WIDTH PRIOR TO FABRICATION OF DOOR FRAMES OR COMPONENTS WHICH REQUIRE THE WIDTH OF WALL TO BE SET.

Please identify the fire alarm shut off switch. This capability is required to only be by trained personnel and can only be done at the fire alarm control unit. 2016 NFPA 72 10.12.3.11/2717 Per conversations with the DPOR, this note (6- Fire Alarm Shut Off Switch) will be removed from the drawings.



1 FIRST LEVEL NEW PLAN
1/4" = 1'-0"



TCMC ANGIO TO CATH LAB RENOVATION

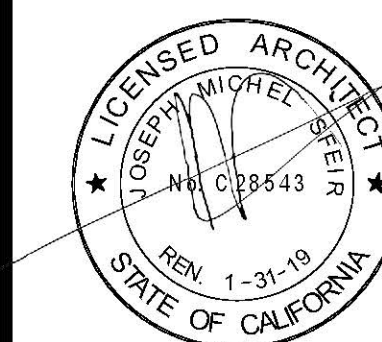
TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056

OWNER: TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056
TEL(760)724-8411

ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PLACE, SUITE 100
SAN DIEGO, CALIFORNIA 92122
TEL(619)299-3917 FAX(619)299-5084

STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.
2091 LAS PALMAS DRIVE, SUITE D
CARLSBAD, CALIFORNIA 92011
TEL(760)438-1188

ME&P: P2S
9865 CHESAPEAKE, SUITE 230
SAN DIEGO, CALIFORNIA 92123
TEL(619)618-2347



DESIGN CHANGES	1/30/17
OSHPD COMMENTS	8/14/17
OSHPD COMMENTS	10/02/17
DESIGN CHANGES	11/03/17

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD #: S170603-37-00



SHEET TITLE:
1/4" PARTIAL ROOF PLAN

PROJECT TITLE:
TCMC ANGIO TO CATH LAB RENOVATION

PROJECT #: 01608.00
DRAWN BY: MC
CHECKED BY: JS
SCALE: As indicated
DATE: 10/10/16

SHEET NUMBER:
A4-11

GENERAL NOTES:

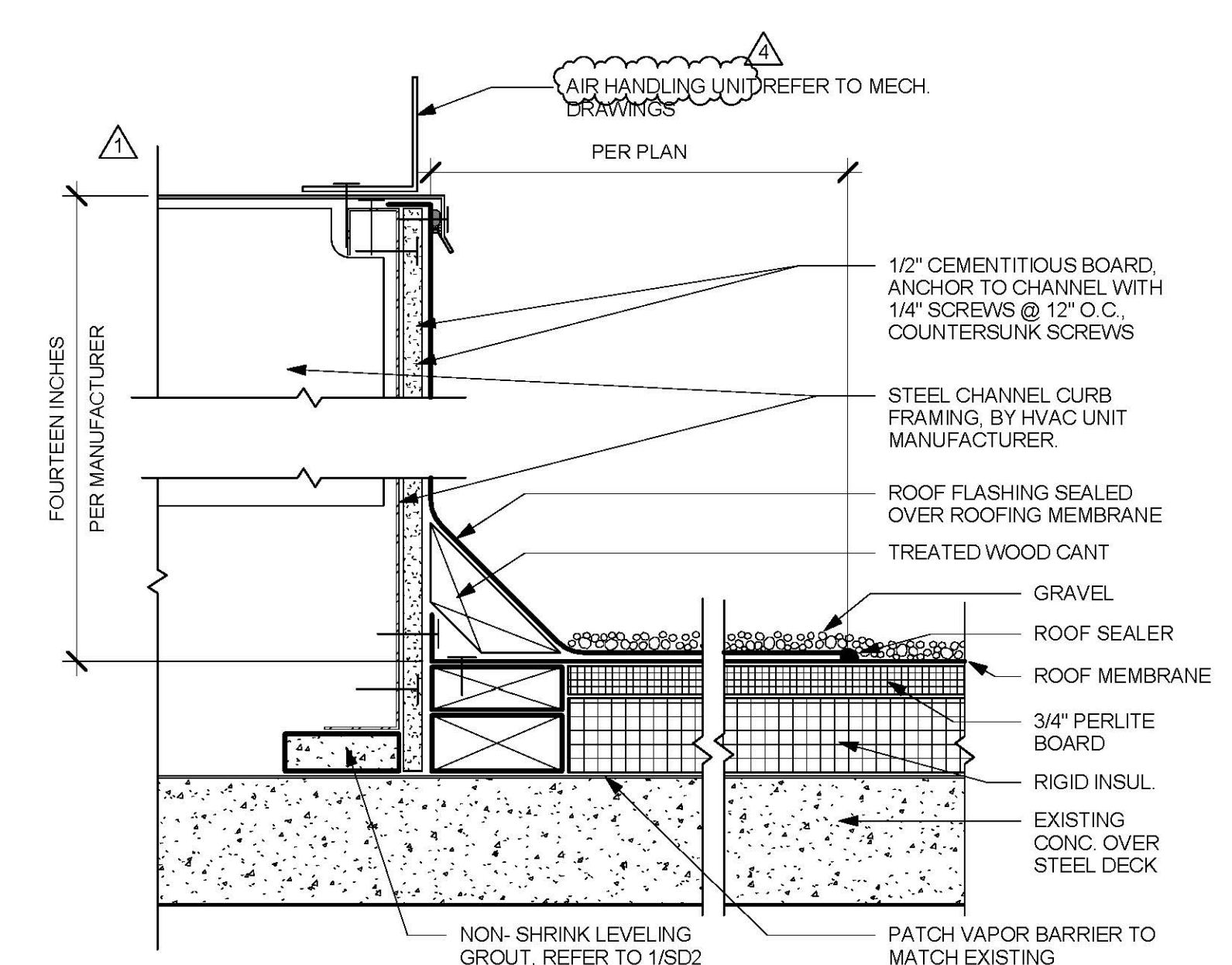
- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
- REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
- FIRE-RESISTANT RATED WALLS AND CEILINGS SHALL BE REPAIRED OR PATCHED TO MATCH THE EXISTING RATED CONDITION IN ORDER TO MAINTAIN THE CONTINUITY OF THE RATED WALL OR CEILING SYSTEM.

ROOF PLAN GENERAL NOTES:

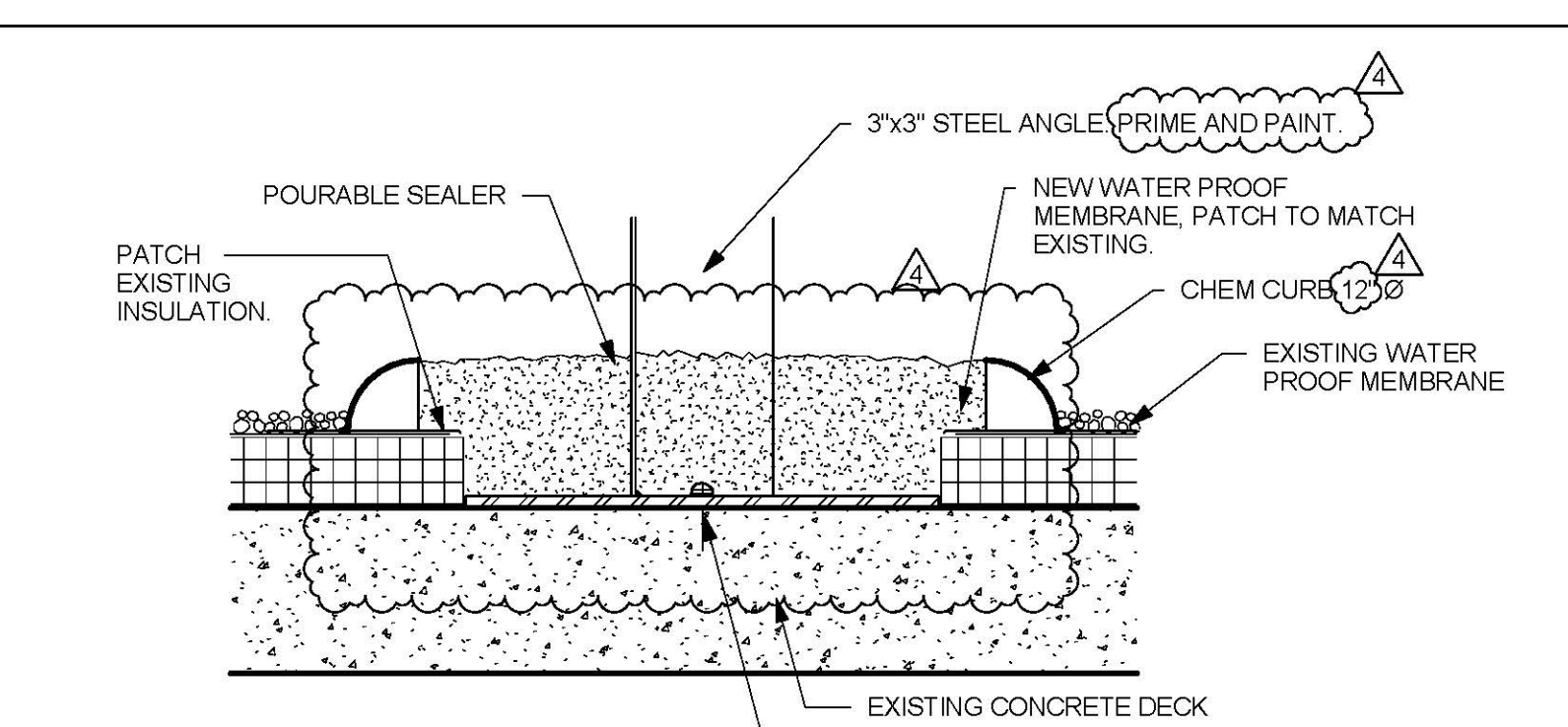
- THE CONTRACTOR SHALL SECURE THE BUILDING FROM ALL WEATHER ELEMENTS DURING CONSTRUCTION.
- CONTRACTOR WILL PROTECT EXISTING ROOFING FROM ANY DAMAGE DURING CONSTRUCTION. DAMAGE TO BE REPAIRED TO MATCH EXISTING WITH EQUAL OR GREATER QUALITY MATERIAL.

ROOF PLAN KEYNOTES:

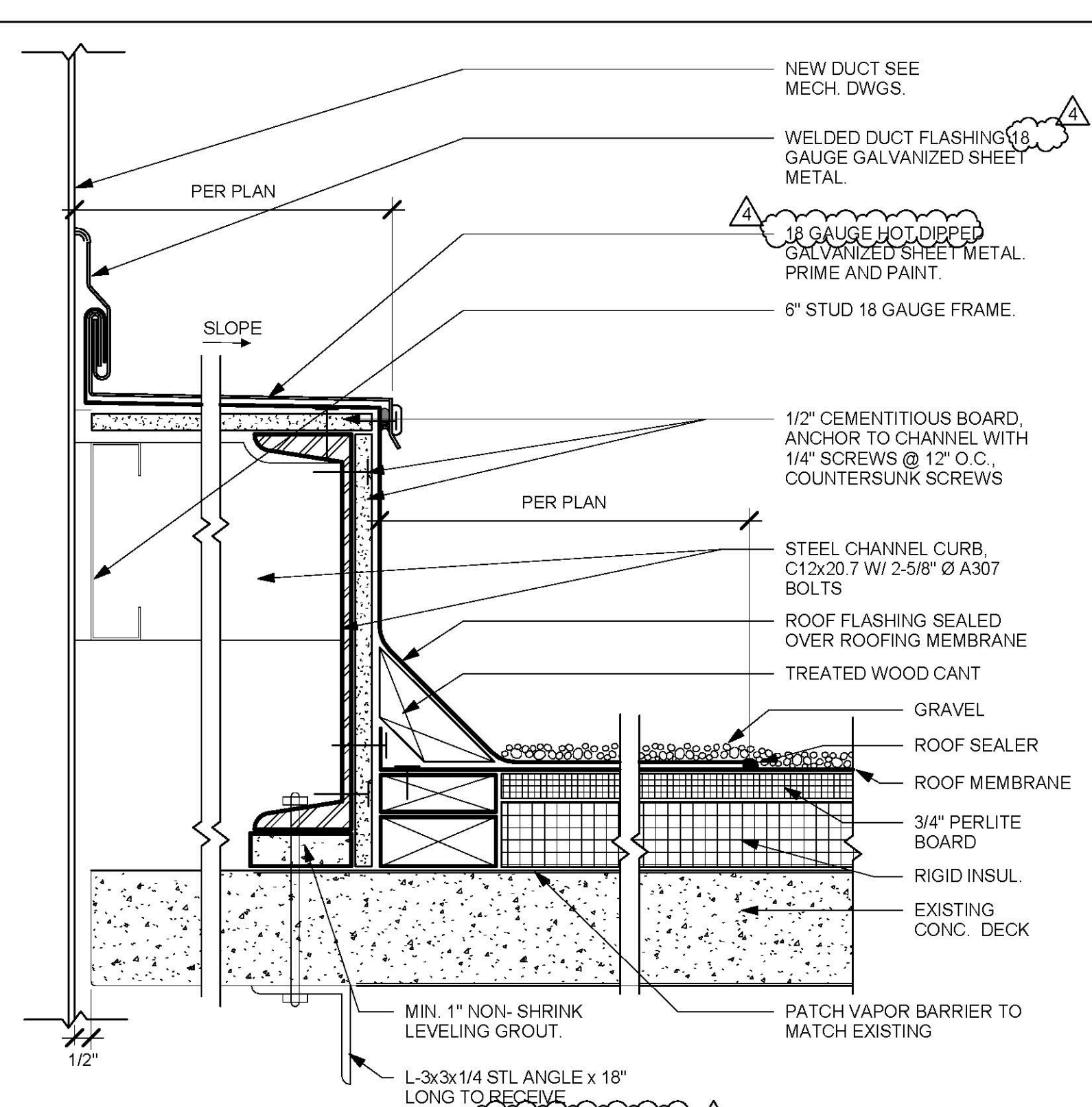
- EXISTING EXHAUST FAN.
- NEW WATERPROOF ROOFING MEMBRANE.
- EXISTING ROOF.
- NOT USED.
- NOT USED.
- NOT USED.
- DUCT SUPPORTS @ 6'-0" MAX.
- CHEM CURB, REFER TO DETAIL 2/A4-11.
- EXISTING ROOF DRAIN.
- EXISTING OVERFLOW ROOF DRAIN.
- EXISTING EXPANSION JOINT.
- FRESH AIR INTAKE.
- EXISTING STAIR TO BE RETROFITTED TO SPAN OVER NEW PIPES. REPLACE TOP HANDRAIL, INTERMEDIATE HANDRAIL, BOTTOM SUPPORT RAILS AND OTHER HORIZONTAL MEMBERS WITH LONGER SIMILAR 3-SIDED TUBULAR SHAPED 12 GA HOT DIP GALVANIZED CHANNELS PER ASTM A 123. ADD NUMBER OF 18 GA STEEL WALKWAY PLANKING TO SPAN WALKWAY. TOTAL MAX LENGTH OF TOP PLATFORM BETWEEN SUPPORTS NOT TO EXCEED 120".
- USE NON-THRU-BOLT ANCHORAGE OPTION. SEE DETAIL 1/SD5.
- USE NON-THRU-BOLT ANCHORAGE OPTION. SEE DETAIL 3/SD5.
- NEW HUMIDIFIER. SEE DETAIL 2/SD5 FOR ANCHORAGE.



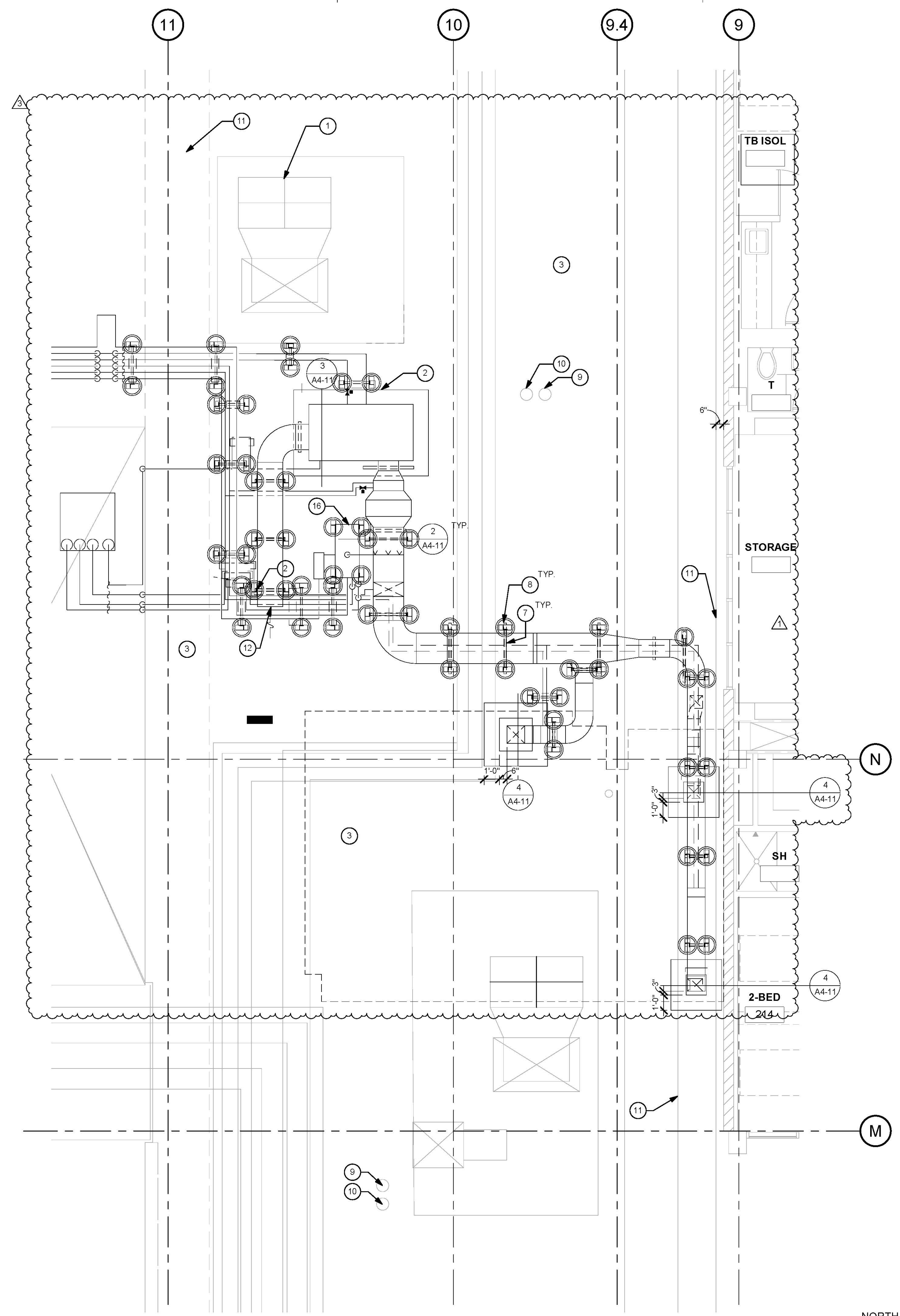
3 CURB DETAIL
3" = 1'-0"



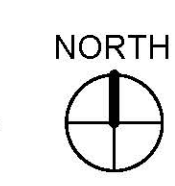
2 CHEM CURB
3" = 1'-0"



4 DUCT THRU ROOF
3" = 1'-0"



1 PARTIAL ROOF PLAN
1/4" = 1'-0"



TCMC ANGIO TO CATH LAB RENOVATION

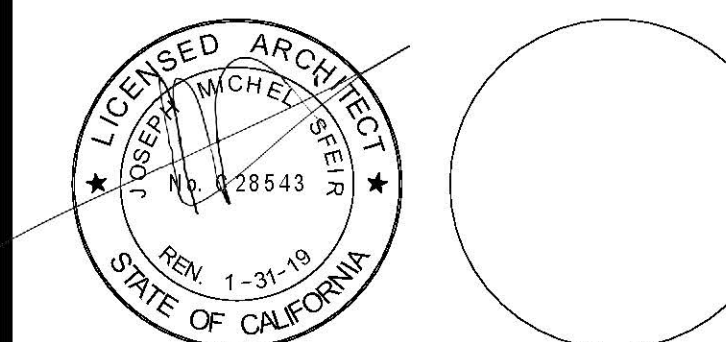
TRI-CITY MEDICAL
CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA
92056

OWNER: TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056
TEL(760)724-8411

ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PLACE, SUITE 100
SAN DIEGO, CALIFORNIA 92122
TEL(619)299-3917 FAX(619)299-5084

STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.
2091 LAS PALMAS DRIVE, SUITE D
CARLSBAD, CALIFORNIA 92011
TEL(760)438-1188

ME&P: P2S
9865 CHESAPEAKE, SUITE 230
SAN DIEGO, CALIFORNIA 92123
TEL(619)618-2347



DESIGN CHANGES	1/30/17
OSHPD COMMENTS	8/14/17
OSHPD COMMENTS	10/02/17
DESIGN CHANGES	11/03/17

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD #: S170603-37-00



11/29/2017 08:44:43 AM
#S 70603-37-00

SHEET TITLE:
1/8" OVERALL ROOF PLAN

PROJECT TITLE:
TCMC ANGIO TO CATH LAB
RENOVATION

PROJECT #: 01608.00
DRAWN BY: Author
CHECKED BY: Checker
SCALE: As indicated
DATE: 10/10/16

A4-12

GENERAL NOTES:

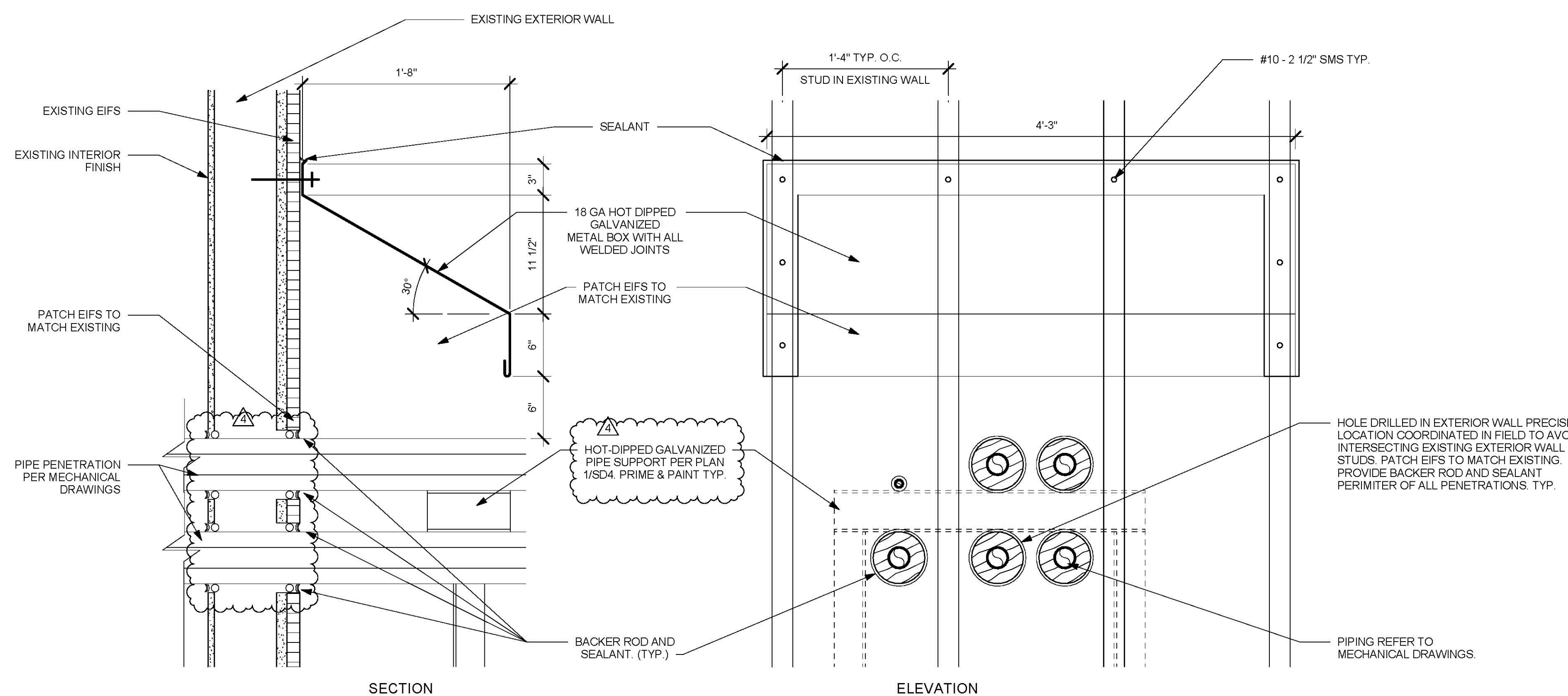
1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
2. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
3. FIRE-RESISTANT RATED WALLS AND CEILINGS SHALL BE REPAIRED OR PATCHED TO MATCH THE EXISTING RATED CONDITION IN ORDER TO MAINTAIN THE CONTINUITY OF THE RATED WALL OR CEILING SYSTEM.

ROOF PLAN GENERAL NOTES:

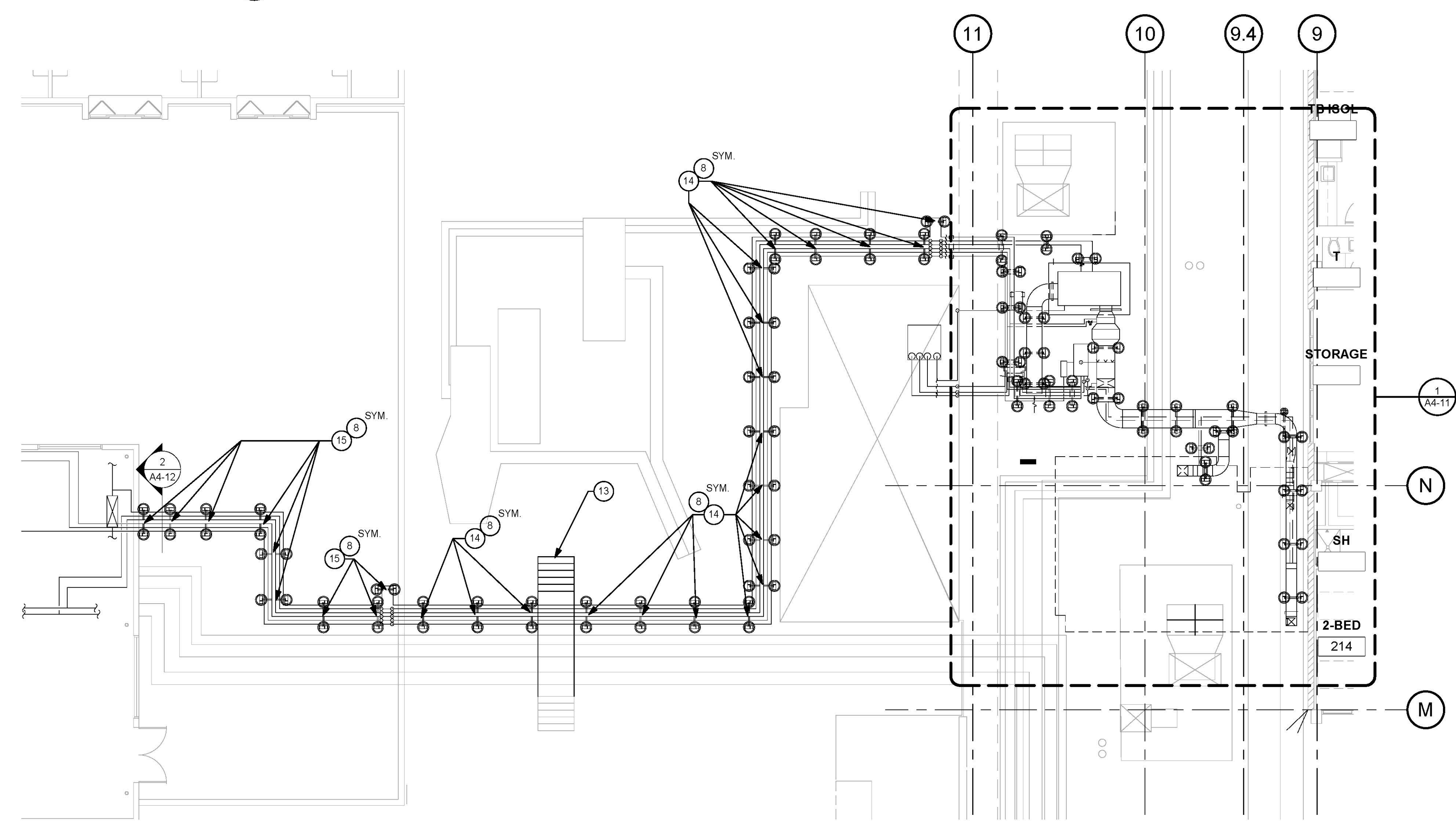
1. THE CONTRACTOR SHALL SECURE THE BUILDING FROM ALL WEATHER ELEMENTS DURING CONSTRUCTION.
2. CONTRACTOR WILL PROTECT EXISTING ROOFING FROM ANY DAMAGE DURING CONSTRUCTION. DAMAGE TO BE REPAIRED TO MATCH EXISTING WITH EQUAL OR GREATER QUALITY MATERIAL.

ROOF PLAN KEYNOTES:

1. EXISTING EXHAUST FAN.
2. NEW WATERPROOF ROOFING MEMBRANE.
3. EXISTING ROOF.
4. NOT USED.
5. NOT USED.
6. NOT USED.
7. DUCT SUPPORTS @ 6'-0" MAX.
8. CHEM CURB, REFER TO DETAIL 2/A4-11.
9. EXISTING ROOF DRAIN.
10. EXISTING OVERFLOW ROOF DRAIN.
11. EXISTING EXPANSION JOINT.
12. FRESH AIR INTAKE.
13. EXISTING STAIR TO BE RETROFITTED TO SPAN OVER NEW PIPES. REPLACE TOP HANDRAIL, INTERMEDIATE HANDRAIL, BOTTOM SUPPORT RAILS AND OTHER HORIZONTAL MEMBERS WITH LONGER SIMILAR 3-SIDED TUBULAR SHAPED 12 GA HOT DIP GALVANIZED CHANNELS PER ASTM A 123. ADD NUMBER OF 18 GA STEEL WALKWAY PLANKING TO SPAN WALKWAY. TOTAL MAX LENGTH OF TOP PLATFORM BETWEEN SUPPORTS NOT TO EXCEED 120".
14. USE NON-THRU-BOLT ANCHORAGE OPTION. SEE DETAIL 1/SD5.
15. USE NON-THRU-BOLT ANCHORAGE OPTION. SEE DETAIL 3/SD5.
16. NEW HUMIDIFIER. SEE DETAIL 2/SD5 FOR ANCHORAGE.



2 INSULATED PIPE THRU EXTERIOR WALL
1 1/2" = 1'-0"



1 OVERALL ROOF PLAN
1/8" = 1'-0"

TCMC ANGIO TO CATH LAB RENOVATION

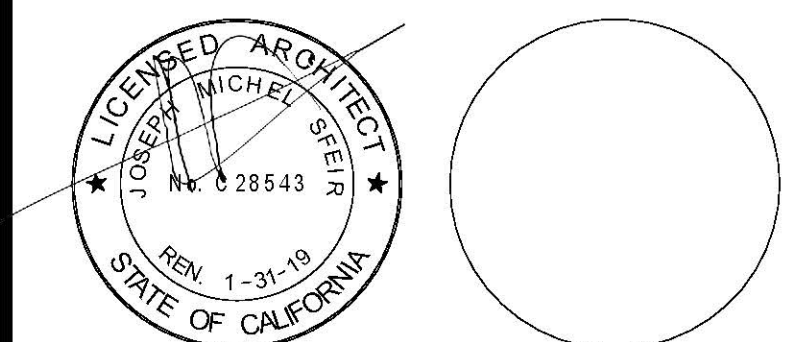
TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056

OWNER: TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056
TEL(760)724-8411

ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PLACE, SUITE 100
SAN DIEGO, CALIFORNIA 92122
TEL(619)299-3917 FAX(619)299-5084

STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.
2091 LAS PALMAS DRIVE, SUITE D
CARLSBAD, CALIFORNIA 92011
TEL(760)438-1188

ME&P: P2S
9865 CHESAPEAKE, SUITE 230
SAN DIEGO, CALIFORNIA 92123
TEL(619)618-2347



△	DESIGN CHANGES	1/30/17
△	OSHPD COMMENTS	8/14/17
△	OSHPD COMMENTS	10/02/17
△	DESIGN CHANGES	11/03/17

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD #: S170603-37-00



11/29/2017 08:44:43 AM
#S 70603-37-00

SHEET TITLE:
1/4" PARTIAL DEMO RCP FIRST

PROJECT TITLE:
TCMC ANGIO TO CATH LAB RENOVATION

PROJECT #: 01608.00
DRAWN BY: AR/HT
CHECKED BY: JS
SCALE: As indicated
DATE: 10/10/16

A4-20

RCP DEMOLITION KEYNOTES:

- 1 REMOVE 2'X2' ACP CEILING WITH ASSOCIATED CEILING MOUNTED EQUIPMENTS.
- 2 REMOVE LIGHT FIXTURE, REFER TO ELEC. DWGS.
- 3 REMOVE MECH. AIR REGISTER - REFER TO MECH. DWGS.
- 4 REMOVE ELECTRICAL OUTLET AND SAVE TO RE-INSTALL.
- 5 EXISTING SPEAKER. SAVE TO BE RE-INSTALLED.
- 6 PROVIDE MOBILE INFECTION CONTROL UNIT.
- 7 PROVIDE OPENING FOR NEW ACCESS PANEL. REMOVE SPLINE CEILING AND GWB.
- 8 EXISTING UNISTRUT SYSTEM/EQUIPMENT RAILS AND EQUIPMENT MOUNTED ON THE RAILS TO REMAIN AND BE PROTECTED WITH COROPLAST.
- 9 REMOVE FIRE ALARM CHIME & STORE AND SAVE FOR RE-INSTALL.

GENERAL NOTES:

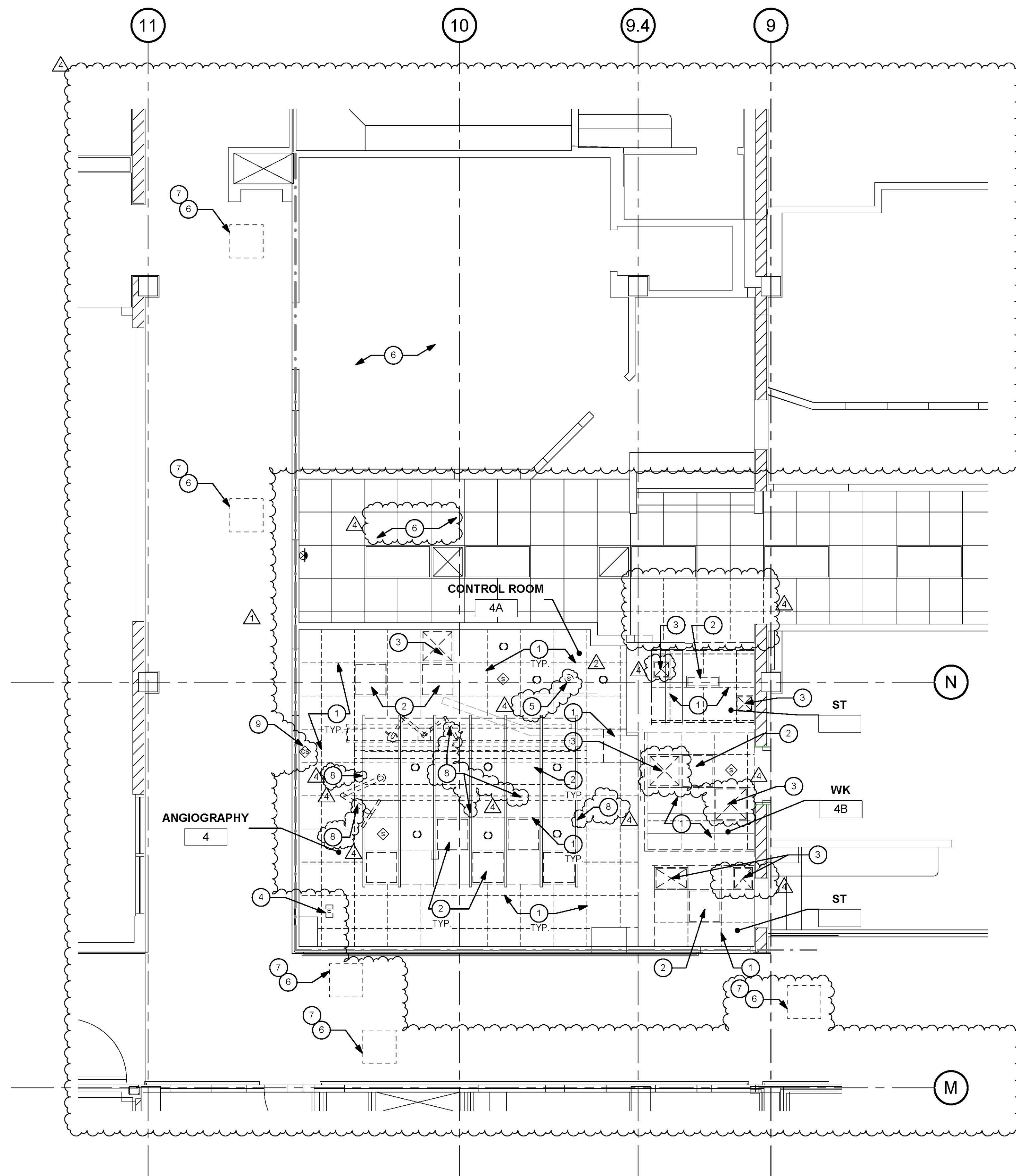
1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
2. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
3. FIRE-RESISTANT RATED WALLS AND CEILINGS SHALL BE REPAIRED OR PATCHED TO MATCH THE EXISTING RATED CONDITION IN ORDER TO MAINTAIN THE CONTINUITY OF THE RATED WALL OR CEILING SYSTEM.

RCP DEMOLITION NOTES:

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING DEMOLITION.
2. THE GENERAL CONTRACTOR SHALL COORDINATE ALL PHASING, ACCESS, DEBRIS REMOVAL, STAGING AREAS AND HOURS OF CONSTRUCTION WITH OWNER PRIOR TO START OF DEMOLITION.
3. THE GENERAL CONTRACTOR SHALL COORDINATE WITH STRUCTURAL, MEP, FIRE ALARM, FIRE PROTECTION, NURSE CALL, INTERIORS AND EQUIPMENT DRAWINGS PRIOR TO STARTING DEMOLITION. THE PROJECT MANUAL AND ALL DRAWINGS IN THE CONSTRUCTION DRAWINGS SHALL BE PART OF THE CONSTRUCTION DOCUMENTS.
4. THE GENERAL CONTRACTOR SHALL SEPARATE DISSIMILAR METALS WITH BUILDING PAPER OR PLASTIC SHIM.
5. THE GENERAL CONTRACTOR SHALL X-RAY AND/OR ULTRASOUND THE EXISTING CONCRETE FLOORS FOR ANY POSSIBLE EMBEDDED CONDUITS, STRUCTURAL REBAR OR UNFORESEEN CONDITION THAT IS OUTSIDE THE SCOPE OF WORK AND MIGHT IMPEDE THE ANCHORING OF EQUIPMENT OR CONFLICT WITH TRENCHING PRIOR TO CONSTRUCTION.
6. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
7. CONTRACTOR STAGING TO BE IN THE ROOMS UNDER REMODEL.
8. CONTRACTOR PARKING TO BE IN CONTRACTOR DESIGNATED PARKING AREA.
9. THE CONTRACTOR SHALL ENSURE THAT THE AREA UNDER REMODEL IS LOCKED AND OTHERWISE SECURED AFTER HOURS.
10. UNLESS OTHERWISE NOTED, CONTRACTOR SHALL COORDINATE WITH THE OWNER THE REMOVAL OF EXISTING EQUIPMENT INDICATED ON DRAWINGS.
11. DASHED LINES INDICATE ITEMS TO BE DEMOLISHED OR REMOVED. REFER TO CEILING PLAN, ROOM FINISH SCHEDULE ALONG WITH MECHANICAL AND ELECTRICAL SECTIONS FOR FURTHER DESCRIPTION OF SCOPE OF WORK.
12. REFER TO DEMOLITION PLAN FOR NOTES INDICATING TYPE OF FINISHES WITHIN THE EXISTING SPACE TO BE REMOVED.
13. REFER TO RELATED PLANS FOR PORTIONS OF EXISTING CONSTRUCTION SCHEDULED TO REMAIN.
14. PATCH NEW WORK TO MATCH AND ALIGN WITH THE EXISTING. COMPLETELY REMOVE EXISTING FINISHES WHERE NEW FINISHES ARE SCHEDULED.
15. CONTRACTOR SHALL PRESERVE AND PROTECT THE EXISTING OVERHEAD EQUIPMENT, LIGHTING, FIRE ALARM, FIRE SPRINKLER, PAGING, PHONE, DATA, ELECTRICAL LINES, ETC. SCHEDULED TO REMAIN DURING THE COURSE OF DEMOLITION. MANY OF THE SYSTEMS ARE SCHEDULED FOR REUSE BY THE OWNER UNDER THIS OR SEPARATE CONTRACTS.

MATERIAL LEGEND:

- 2' X 2' ACOUSTICAL CEILING PANEL WITH TEGULAR EDGE
- 1' X 1' ACOUSTICAL CEILING TILE
- SUSPENDED GYP. BOARD CEILING
- 2X4 RECESSED LAY-IN FLOURESCENT LIGHT FIXTURE PROVIDE (2) SLACK SAFETY WIRES AT DIAGONAL CORNERS
- 2X2 RECESSED LAY-IN FLOURESCENT LIGHT FIXTURE PROVIDE (2) SLACK SAFETY WIRES AT DIAGONAL CORNERS
- RECESSED "CAN" LIGHT PROVIDE (1) SLACK SAFETY WIRE
- RECESSED "CAN" LIGHT DIRECTED TOWARD WALL PROVIDE (1) SLACK SAFETY WIRE
- EXIT SIGN PROVIDE (1) SLACK SAFETY WIRE
- SMOKE DETECTOR EXISTING PROVIDE (1) SLACK SAFETY WIRE
- PAGING SPEAKER PROVIDE (1) SLACK SAFETY WIRE
- 2'-0" RETURN AIR
- RETURN AIR OR EXHAUST PROVIDE (2) SLACK SAFETY WIRES AT DIAGONAL CORNERS
- 3'-0" SUPPLY AIR DIFFUSER
- SUPPLY AIR DIFFUSER PROVIDE (2) SLACK SAFETY WIRES AT DIAGONAL CORNERS
- 2'x2' CEILING ACCESS PANEL
- 1'x1' CEILING ACCESS PANEL
- 1'x1' CEILING EXHAUST
- 1' x 1' CEILING HVAC SUPPLY
- 1' x 1' CEILING HVAC SUPPLY
- 1' x 4' FLOURESCENT CEILING LIGHT
- CAMERA
- SPRINKLER
- AUDIBLE NURSE CALL
- DOME LIGHT NURSE CALL EXISTING
- CHIME STROBE



1 FIRST LEVEL DEMOLITION RCP
1/4" = 1'-0"



TCMC ANGIO TO CATH LAB RENOVATION

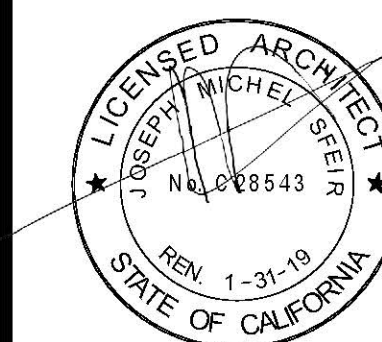
TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056

OWNER: TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056
TEL(760)724-8411

ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PLACE, SUITE 100
SAN DIEGO, CALIFORNIA 92122
TEL(619)299-3917 FAX(619)299-5084

STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.
2091 LAS PALMAS DRIVE, SUITE D
CARLSBAD, CALIFORNIA 92011
TEL(760)438-1188

ME&P: P2S
9865 CHESAPEAKE, SUITE 230
SAN DIEGO, CALIFORNIA 92123
TEL(619)618-2347



DESIGN CHANGES	1/30/17
OSHPD COMMENTS	8/14/17
OSHPD COMMENTS	10/02/17
DESIGN CHANGES	11/03/17

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD #: S170603-37-00



11/29/2017 08:44:43 AM
#S 70603-37-00

SHEET TITLE:
1/4" PARTIAL RCP FIRST

PROJECT TITLE:
TCMC ANGIO TO CATH LAB RENOVATION

PROJECT #: 01608.00
DRAWN BY: Author
CHECKED BY: Checker
SCALE: As indicated
DATE: 10/10/16

A4-30

RCP KEYNOTES:

- 1 NEW GYPSUM BOARD CEILING. PRIME & PAINT WITH EPOXY PAINT.
- 2 NEW 2'X2' ACP W/ VINYL FACE.
- 3 NEW GWB SOFFIT. PRIME & PAINT WITH EPOXY PAINT.
- 4 NEW LIGHT FIXTURE, REFER TO ELEC. DRAWINGS.
- 5 EXISTING 2'X2' ACP TO REMAIN.
- 6 NEW CEILING MOUNTED OXYGEN OUTLET WITH RETRACTABLE HOSES.
- 7 NEW CEILING MOUNTED VACUUM OUTLET WITH RETRACTABLE HOSES.
- 8 NEW MECH. REGISTER, REFER TO MECH. DRAWINGS.
- 9 EXISTING CEILING MOUNTED RAILINGS TO REMAIN.
- 10 NEW CEILING MOUNTED MEDICAL AIR OUTLET WITH RETRACTABLE HOSES.
- 11 REINSTALL CEILING ELECTRICAL OUTLET.
- 12 INSTALL NEW 2'X2' ACCESS PANEL. REFER TO DETAIL 7/A5-60. PRIME & PAINT.
- 13 CHIME AND STROBE ON WALL.
- 14 INSTALL RELOCATED SPEAKER.
- 15 PROVIDE A 2' EXPANSION JOINT. USE CS-FWF-200 COLOR "WHITE."

GENERAL NOTES:

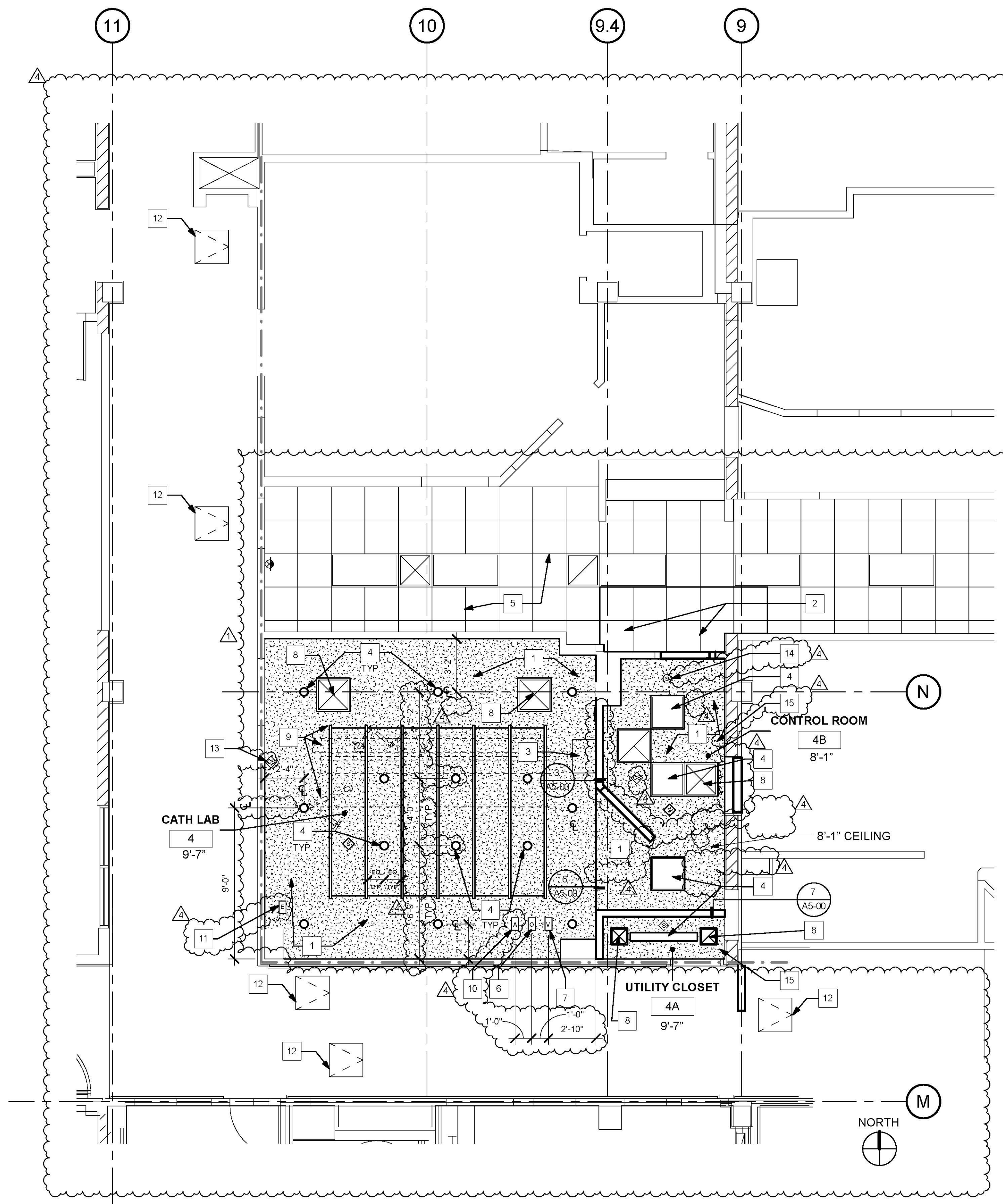
1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
2. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
3. FIRE-RESISTANT RATED WALLS AND CEILINGS SHALL BE REPAIRED OR PATCHED TO MATCH THE EXISTING RATED CONDITION IN ORDER TO MAINTAIN THE CONTINUITY OF THE RATED WALL OR CEILING SYSTEM.

RCP GENERAL NOTES:

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
2. THE GENERAL CONTRACTOR SHALL COORDINATE ALL PHASING, ACCESS, DEBRIS REMOVAL, STAGING AREAS AND HOURS OF CONSTRUCTION WITH OWNER PRIOR TO START OF CONSTRUCTION.
3. THE GENERAL CONTRACTOR SHALL COORDINATE WITH STRUCTURAL, MEP, FIRE ALARM, FIRE PROTECTION, NURSE CALL, INTERIORS AND EQUIPMENT DRAWINGS PRIOR TO STARTING CONSTRUCTION. THE PROJECT MANUAL AND ALL DRAWINGS IN THE CONSTRUCTION DOCUMENTS SHALL BE PART OF THE CONSTRUCTION DOCUMENTS.
4. THE GENERAL CONTRACTOR SHALL SEPARATE DISSIMILAR METALS WITH BUILDING PAPER OR PLASTIC SHIM.
5. THE GENERAL CONTRACTOR SHALL X-RAY AND/OR ULTRASOUND THE EXISTING CONCRETE FLOORS FOR ANY POSSIBLE EMBEDDED CONDUITS, STRUCTURAL REBAR OR UNFORESEEN CONDITION THAT IS OUTSIDE THE SCOPE OF WORK AND MIGHT IMPEDE THE ANCHORING OF EQUIPMENT OR CONFLICT WITH TRENCHING PRIOR TO CONSTRUCTION.
6. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
7. CONTRACTOR STAGING TO BE IN THE ROOMS UNDER REMODEL.
8. CONTRACTOR PARKING TO BE IN CONTRACTOR DESIGNATED PARKING AREA.
9. THE CONTRACTOR SHALL ENSURE THAT THE AREA UNDER REMODEL IS LOCKED AND OTHERWISE SECURED AFTER HOURS.
10. CEILING HEIGHTS TO MATCH EXISTING UNLESS OTHERWISE NOTED (NOT LESS THAN 8'-0").
11. REFER TO SHEET A5-60 AND A5-70 FOR CEILING DETAILS.
12. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPES.
13. NOT USED.
14. REPLACE EXISTING LENSES FOR 2'X2' AND 2'X4' LIGHT FIXTURES.
15. REPLACE ALL GRILLES, DIFFUSERS AND REGISTERS WITH NEW.

MATERIAL LEGEND:

- 2' X 2' ACOUSTICAL CEILING PANEL WITH TEGULAR EDGE
- 1' X 1' ACOUSTICAL CEILING TILE
- SUSPENDED GYP. BOARD CEILING
- 2X4 RECESSED LAY-IN FLOURESCENT LIGHT FIXTURE PROVIDE (2) SLACK SAFETY WIRES AT DIAGONAL CORNERS
- 2X2 RECESSED LAY-IN FLOURESCENT LIGHT FIXTURE PROVIDE (2) SLACK SAFETY WIRES AT DIAGONAL CORNERS
- RECESSED "CAN" LIGHT PROVIDE (1) SLACK SAFETY WIRE
- RECESSED "CAN" LIGHT DIRECTED TOWARD WALL PROVIDE (1) SLACK SAFETY WIRE
- EXIT SIGN PROVIDE (1) SLACK SAFETY WIRE
- SMOKE DETECTOR EXISTING PROVIDE (1) SLACK SAFETY WIRE
- PAGING SPEAKER PROVIDE (1) SLACK SAFETY WIRE
- 2'-0" RETURN AIR
- RETURN AIR OR EXHAUST PROVIDE (2) SLACK SAFETY WIRES AT DIAGONAL CORNERS
- 3'-0" SUPPLY AIR DIFFUSER
- SUPPLY AIR DIFFUSER PROVIDE (2) SLACK SAFETY WIRES AT DIAGONAL CORNERS
- 2'x2' CEILING ACCESS PANEL
- 1'x1' CEILING ACCESS PANEL
- 1'x1' CEILING EXHAUST
- 1' x 1' CEILING HVAC SUPPLY
- 1' x 1' CEILING HVAC SUPPLY
- 1' x 4' FLOURESCENT CEILING LIGHT
- CAMERA
- SPRINKLER
- AUDIBLE NURSE CALL
- DOME LIGHT NURSE CALL EXISTING
- CHIME STROBE



1 FIRST LEVEL NEW RCP
1/4" = 1'-0"

5151 Shoreham Pl., Suite 100
San Diego, CA 92122
P: 619-299-3917
F: 619-299-5084
www.sfeirarch.com

TCMC ANGIO TO CATH LAB RENOVATION

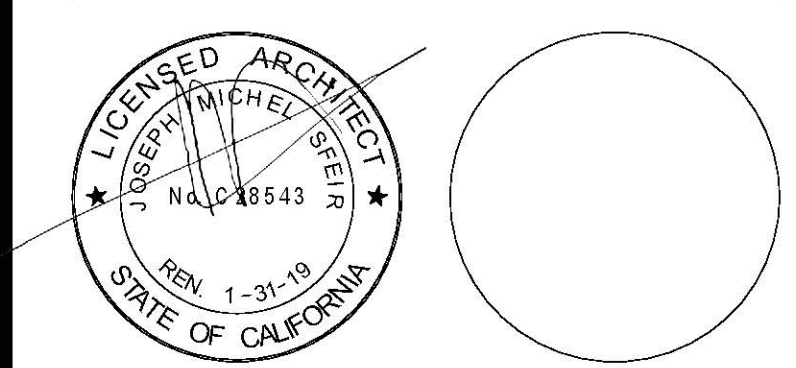
TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056

OWNER: TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056
TEL(760)724-8411

ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PLACE, SUITE 100
SAN DIEGO, CALIFORNIA 92122
TEL(619)299-3917 FAX(619)299-5084

STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.
2091 LAS PALMAS DRIVE, SUITE D
CARLSBAD, CALIFORNIA 92011
TEL(760)438-1188

ME&P: P2S
9865 CHESAPEAKE, SUITE 230
SAN DIEGO, CALIFORNIA 92123
TEL(619)618-2347



DESIGN CHANGES	1/30/17
OSHPD COMMENTS	8/14/17
OSHPD COMMENTS	10/02/17
DESIGN CHANGES	11/03/17

REV: DESCRIPTION: DATE:
CONSULTANT

OSHPD APPROVAL STAMP:
OSHPD #: S170603-37-00



11/29/2017 08:44:43 AM
#S 70603-37-00

SHEET TITLE: 1/4" INTERIOR ELEVATIONS

PROJECT TITLE: TCMC ANGIO TO CATH LAB RENOVATION

PROJECT #: 01608.00 SHEET NUMBER: A4-40

DRAWN BY: Author

CHECKED BY: Checker

SCALE: As indicated

DATE: 10/10/16

EQUIPMENT SCHEDULE

EQUIPMENT #	DESCRIPTION	WEIGHT (APPROX.) LBS.	HEIGHT=h	WIDTH=b	LENGTH=l	PLAN/ELEVATION	REMARKS	EXIS	NEW	OFOI	OFCI	OFCI	OFCI	QUANTITY	OPS					
															VOLTAGE	EMERGENCY POWER	ELECTRICAL LOAD	HEAT LOAD	SEISMIC CALCS	PLUMBING
001	IMAGING CAMERA	0	0"	0	2'-3"		EXISTING TO REMAIN	X						1						
002	PYXIS	1,000 LBS.	6'-8"	4'-4"	2'-3"			X				X		1						
003	SIEMENS CABINET	192 LBS.	2'-4 1/4"	2'-3"	2'-8"			X			X			1						
004	SIEMENS CABINET	0	7'-2"	7'-2"	1'-5 1/2"		EXISTING TO REMAIN							1						
005	MOBILE CATHETER CART	0	7'-2"	3'-4"	1'-4"			X	X					1						
006	SIEMENS CABINET	64 LBS.	1'-4 1/8"	3'-5 1/2"	8-1/4"			X			X			1						
007	SIEMENS PC							X	X					1						
008	PACS DATA PC							X	X					1						
009	SERVER DATA PC							X	X					1						
010	SIEMEN KLUVER	93 LBS.	1'-6 3/4"	1'-6 3/4"	1'-3 1/2"			X			X			1						
011	DIFIBRILLATOR	15	3'-6"	3'-0"	1'-6"			X	X		X			1						

ELEVATION KEYNOTES:

- 1. POWER SHUT DOWN SWITCH.
- 2. FIRE ALARM SHUT DOWN SWITCH.
- 3. EXISTING MEDICAL AIR OUTLET TO REMAIN.
- 4. EXISTING OXYGEN OUTLET TO REMAIN.
- 5. EXISTING VACUUM SLIDER TO REMAIN.
- 6. EXISTING VACUUM OUTLET TO REMAIN.
- 7. GYPSUM WALL BOARD BULKHEAD REFER TO 5/A5-80.
- 8. NEW BASE AND UPPER CABINETS.
- 9. ACROVYN WALL PROTECTION.
- 10. ACROVYN CORNER GUARD 2" X 2".
- 11. PRIME AND PAINT.
- 12. NEW SOLID SURFACE CORNER TOP.
- 13. NEW SHEET VINYL COVE BASE.
- 14. PRIME AND PAINT THE DOOR AND DOOR FRAMES.
- 15. COVED BACKSPASH.
- 16. NEW FILE CABINET.
- 17. PRIME AND PAINT THE WINDOW FRAMES.
- 18. PRIME AND PAINT EXISTING DOOR FRAME.
- 19. 1/4" LEAD SHIELDED IMPACT RESISTANT GLASS.
- 20. RELOCATED SHUT-OFF VALVE.
- 21. RELOCATED CLOCK CONTROL.
- 22. EXISTING WALL MOUNTED LIGHT TO REMAIN.
- 23. COUNTER SUPPORT SIMILAR 3/A5-00.
- 24. EXISTING TELEPHONE TO REMAIN.
- 25. HORIZONTAL RACEWAY, REFER ELECTRICAL DRAWINGS.
- 26. EXISTING VERTICAL RACEWAY TO REMAIN. REPLACE RACEWAY COVER TO MATCH EXISTING.
- 27. FINISH SIDE OF FURR OUT WALL WITH 5/8" GYP. BD. FLUSH WITH SIDE OF CABINET.
- 28. REINSTALL CLOCK.
- 29. OPEN.
- 30. POWER SHUT OFF TO REMAIN.
- 31. SEISMIC JOINT. SEE KEYNOTE 18/A4-10.
- 32. EXISTING AIR GRILLES TO REMAIN. PRIME & PAINT.
- 33. NEW CHEMETRON ZONE VALVE BOX ASSEMBLY. SEE SHEET P201 FOR MORE INFORMATION.

GENERAL NOTES:

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
2. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
3. FIRE-RESISTANT RATED WALLS AND CEILINGS SHALL BE REPAIRED OR PATCHED TO MATCH THE EXISTING RATED CONDITION IN ORDER TO MAINTAIN THE CONTINUITY OF THE RATED WALL OR CEILING SYSTEM.

LEGEND:

11 REFER TO EQUIPMENT SCHEDULE.

NOTES

CASEWORK LEGEND:

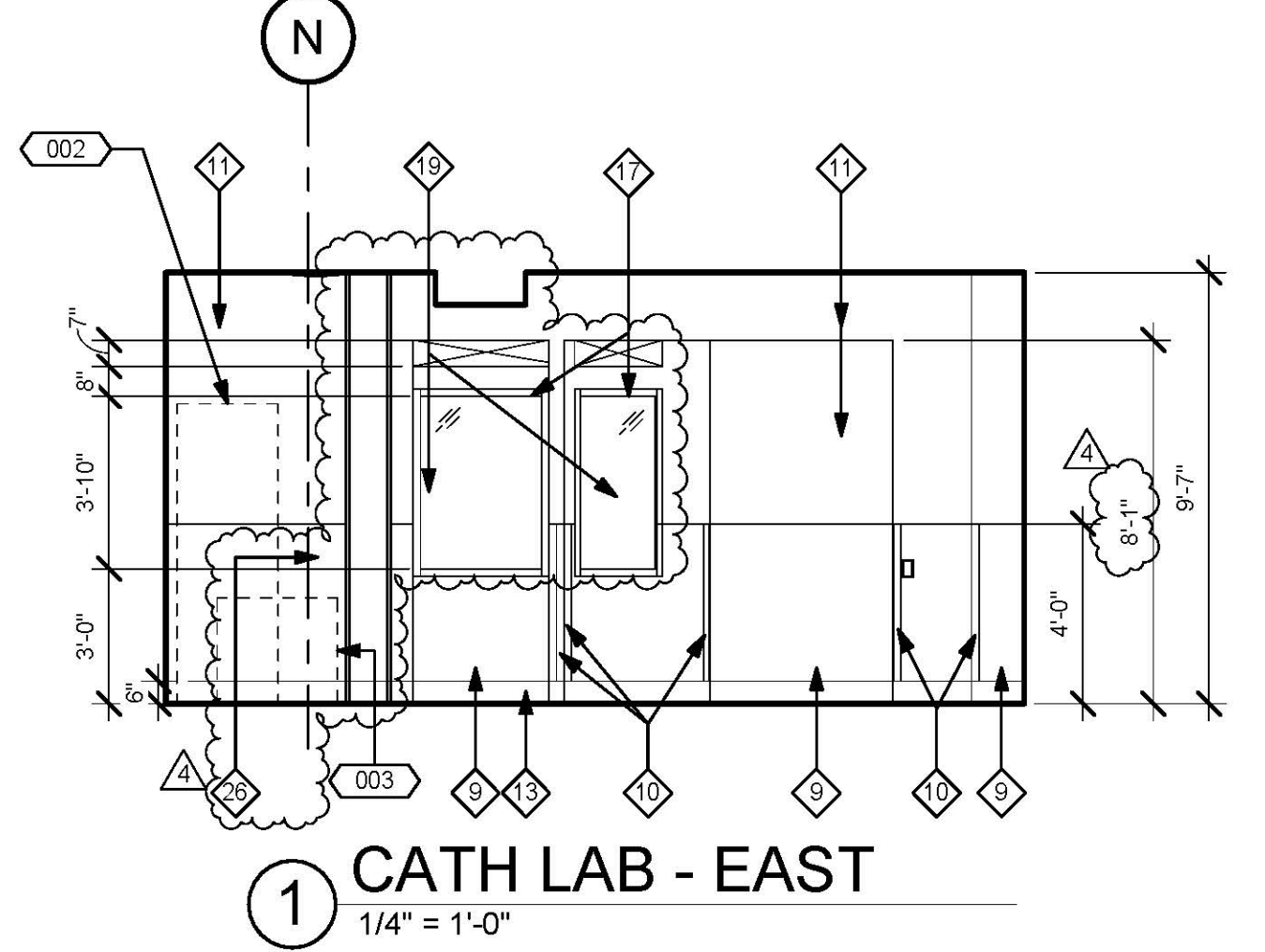
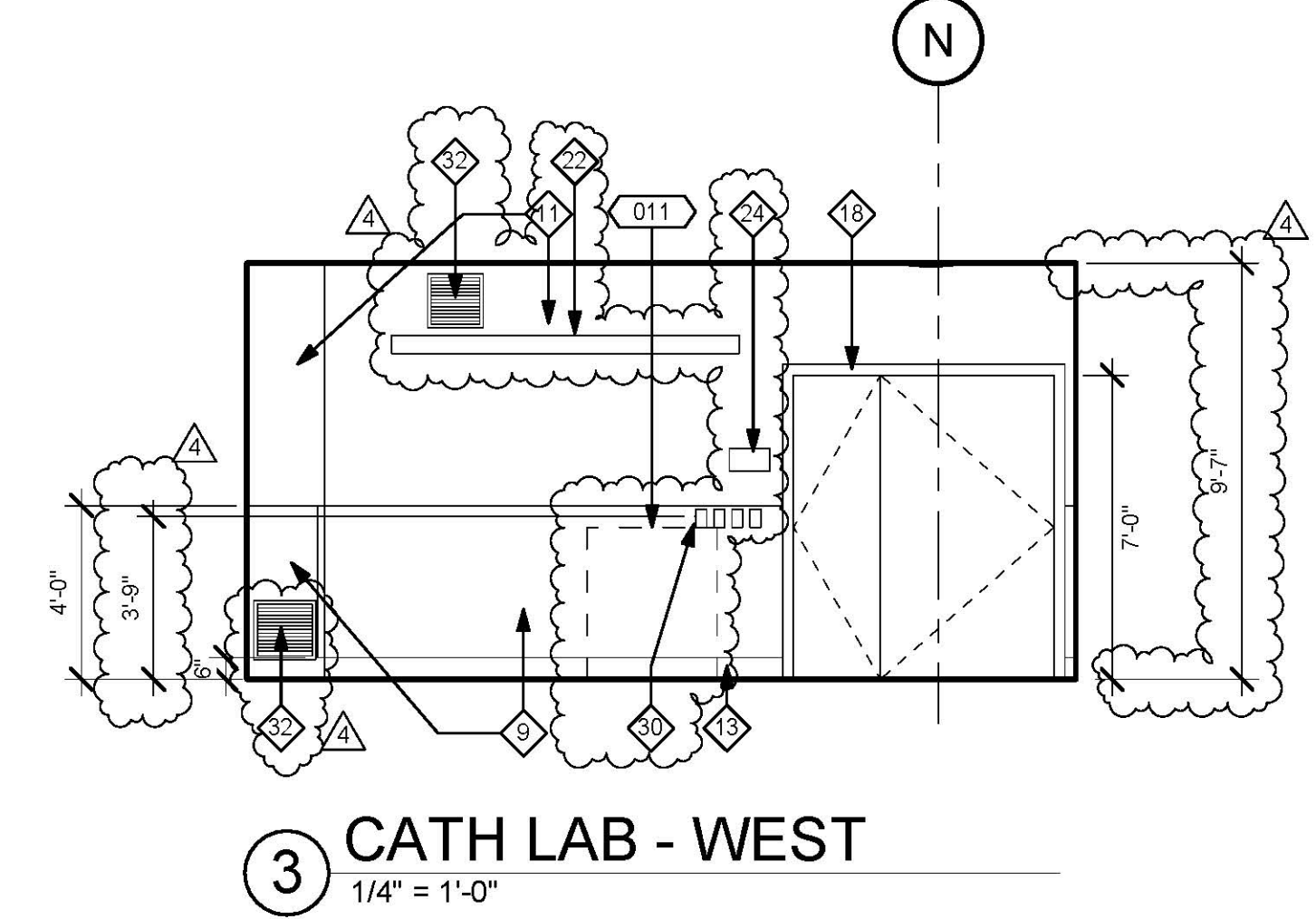
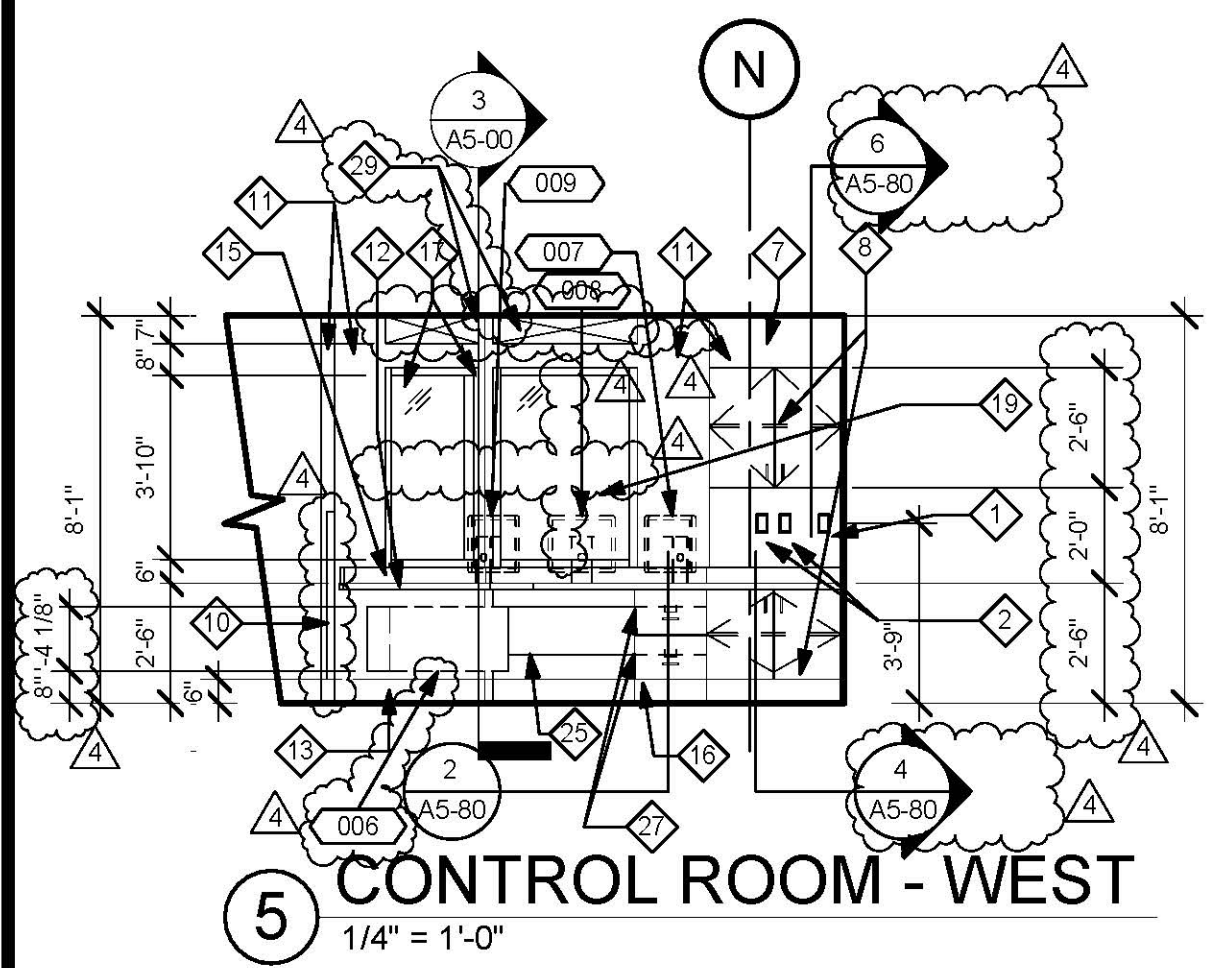
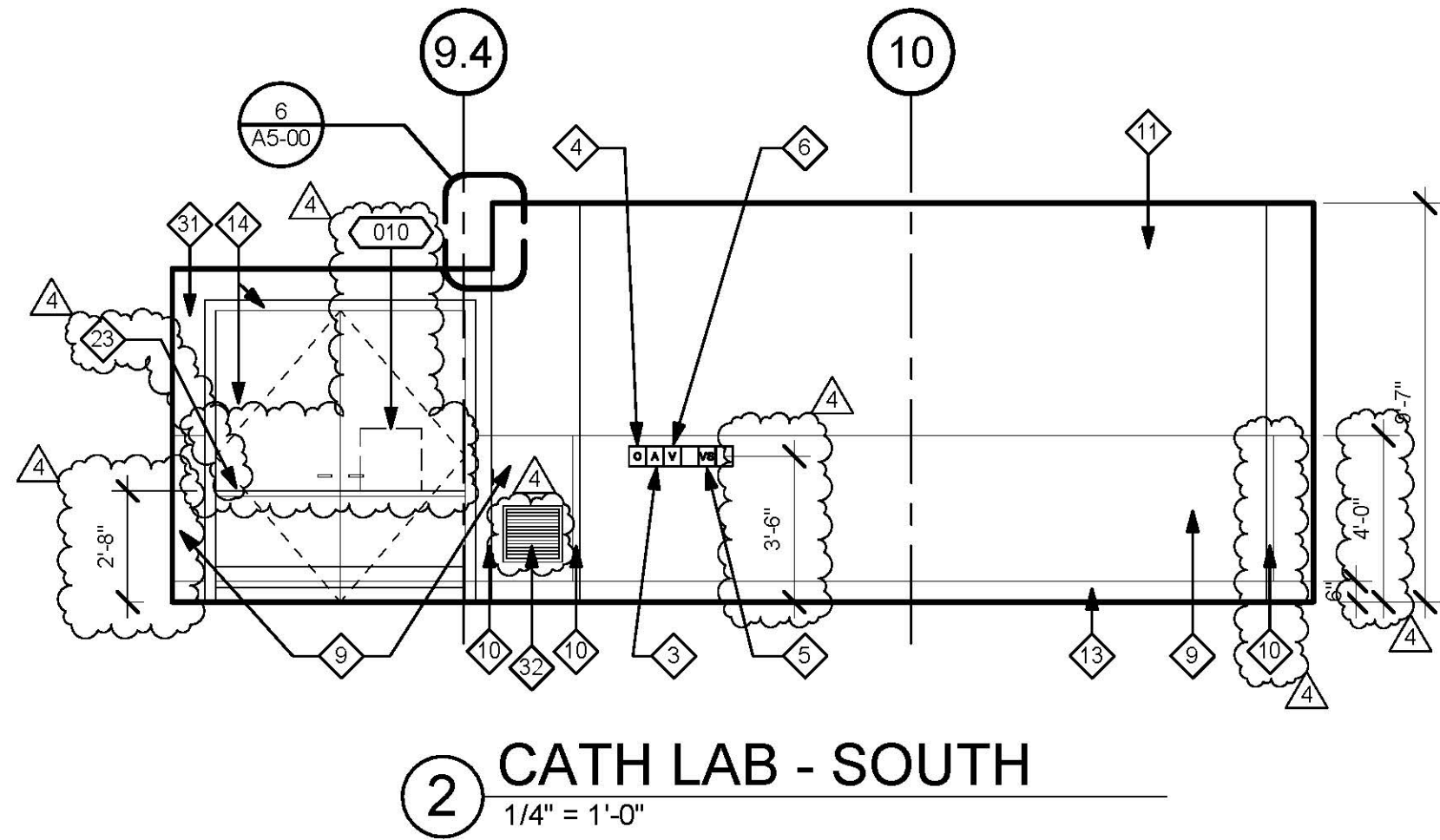
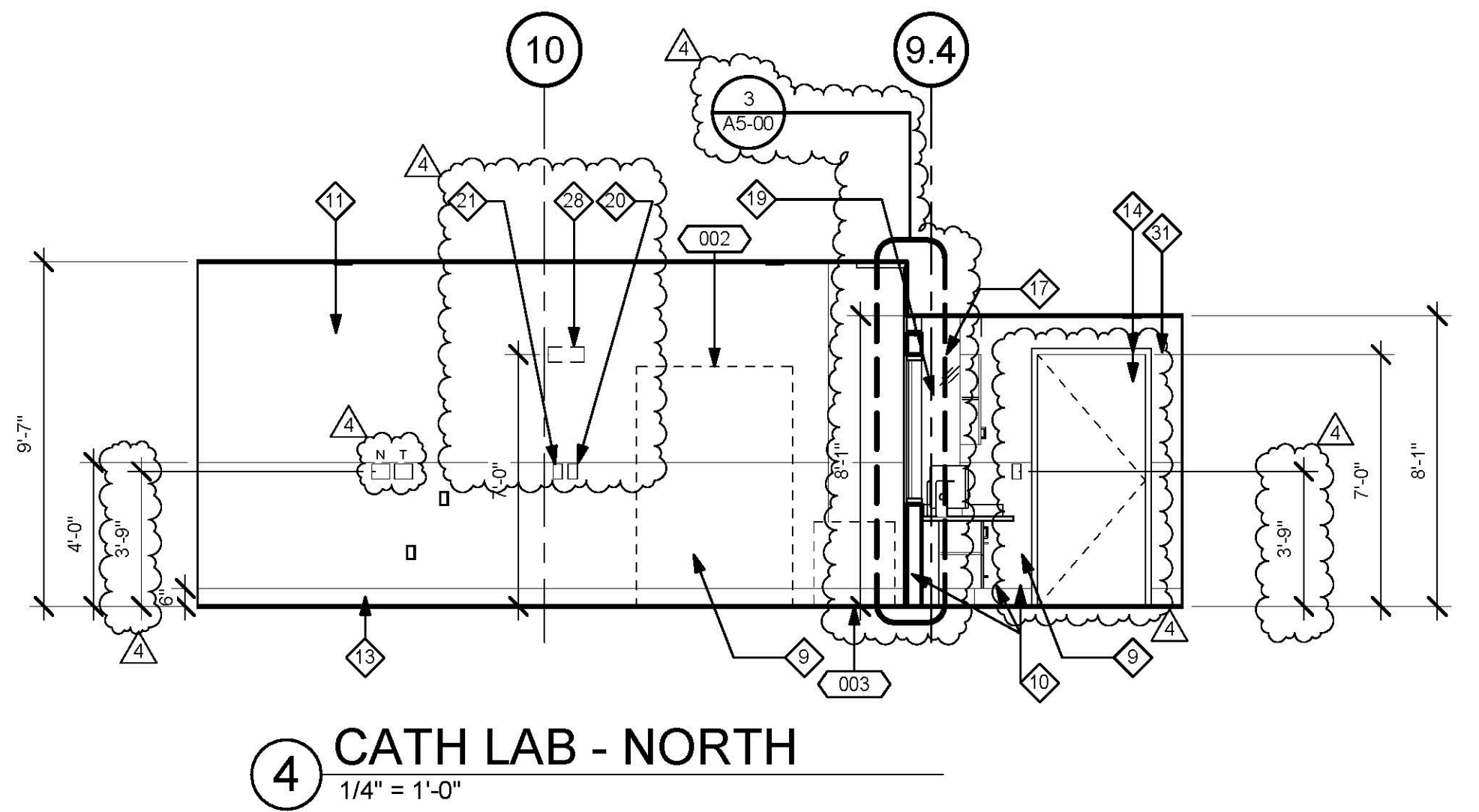
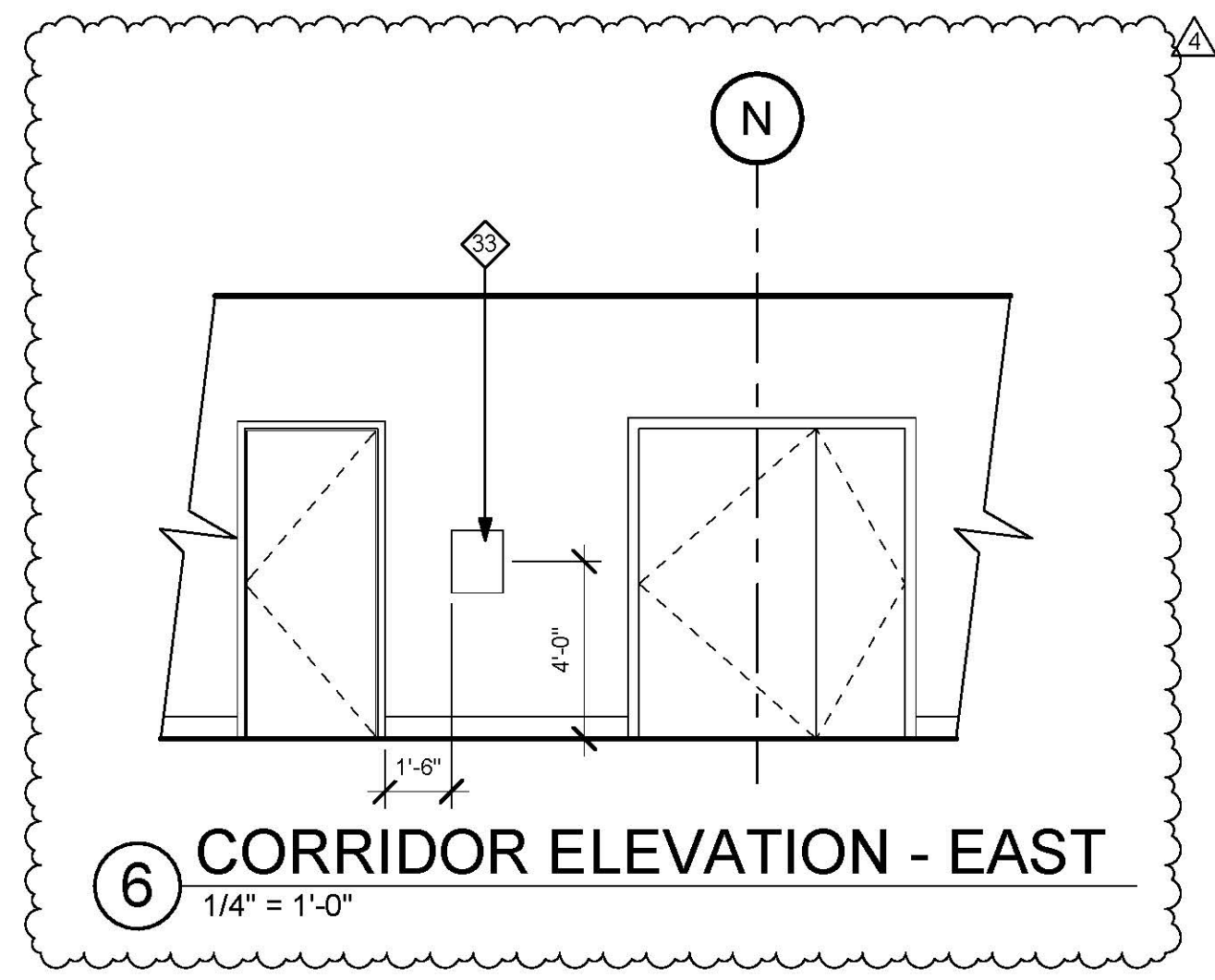
CASE ID NUMBER	HEIGHT
A	18"
B	24"
C	27"
D	30"
E	30"
F	33"
G	36"
H	39"
I	42"
J	48"
K	54"
L	60"
M	72"
N	80"
O	86"
P	96"
Q	AS REQ'D.

DEPTH (U.O.N. ON ELEVATIONS)
 LOWER CASE: 24" DEEP U.O.N.
 UPPER CASE: 14" DEEP U.O.N.
 TALL CASE: 14" DEEP U.O.N.

OUTLET DESCRIPTION

A - MEDICAL COMPRESSED AIR	N - NURSE CALL
C - CODE BLUE	NO - NITROUS OXIDE
D - DATA	O - OXYGEN
DP - DICTAPHONE	PS - NURSE CALL PULL STATION
DS - DIMMER SWITCH	S - SWITCH
E - DUPLEX ELECT. OUTLET	T - TELEPHONE
F - FAX MACHINE	TL - TASK LIGHT
IC - INTERCOM	TV - TELEVISION
J - JUNCTION BOX	V - VACUUM
	VC - VOLUME CONTROL
	VS - VACUUM SLIDE

- ### GENERAL NOTES:
1. ALL CASEWORK SHALL BE "CUSTOM" GRADE AS DEFINED BY THE WOODWORK INSTITUTE OF CALIFORNIA.
 2. FINISH ALL EXPOSED AND SEMI-EXPOSED SURFACES OF CASEWORK INCLUDING THE INTERIOR OF OPEN CASEWORK AND SHELVING WITH PLASTIC LAMINATE. ALL COUNTERTOPS SHALL BE PLASTIC LAMINATE UNLESS NOTED OTHERWISE.
 3. PROVIDE PLASTIC LAMINATE SOFFIT TO ENCLOSE SPACE BETWEEN CEILING AND TOP OF CABINET. TYPICAL UNLESS NOTED OTHERWISE.
 4. BASES ON CASEWORK SHALL BE 6" UNLESS OTHERWISE NOTED. PROVIDE SAME FINISH BASE MATERIAL AS ADJACENT WALLS. EXTEND BASE TO WALL AT ALL CABINET RETURNS AND END PANELS.
 5. IN CASES OF CABINET INSTALLATIONS BETWEEN WALLS, VERIFY DIMENSIONS IN FIELD AND PROVIDE FILLER PANEL STRIPS AT ENDS OR REDUCE END CABINETS WIDTH AS REQUIRED TO FIT SPACE AS INDICATED.
 6. ALL CABINET DOORS AND DRAWERS SHALL HAVE PULLS. UPPER AND LOWER CABINET DOORS AND FULL HEIGHT CABINETS SHALL HAVE PULLS MOUNTED VERTICALLY. DRAWERS SHALL HAVE HORIZONTAL PULLS.
 7. ALL FILE DRAWERS SHALL BE SIZED FOR 8 1/2" X 11" FORMS. PROVIDE FILE RODS EXTENDING FRONT TO BACK OF DRAWER UNIT, TYPICAL.
 8. COORDINATE HEIGHT AND LOCATION OF BACKING PLATES FOR CASEWORK WITH STUD FRAMING CONTRACTOR. REF ALSO TO DETAIL 10 ON SHEET S-1 FOR FURTHER INFO.
 9. REFER TO DETAILS 2 & 3 ON SHEET A5-80 FOR WALL CABINET ANCHORAGE/BACKING TRACK CONNECTION.
 10. GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS OF ROUGH OPENINGS AND COORDINATE WORK FOR ALL EQUIPMENT CLEARANCES PRIOR TO PREPARING SHOP DRAWINGS AND FABRICATION.



TCMC ANGIO TO CATH LAB RENOVATION

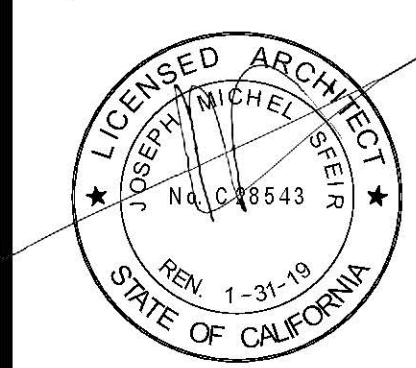
TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056

OWNER: TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056
TEL(760)724-8411

ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PLACE, SUITE 100
SAN DIEGO, CALIFORNIA 92122
TEL(619)299-3917 FAX(619)299-5084

STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.
2091 LAS PALMAS DRIVE, SUITE D
CARLSBAD, CALIFORNIA 92011
TEL(760)438-1188

ME&P: P2S
9865 CHESAPEAKE, SUITE 230
SAN DIEGO, CALIFORNIA 92123
TEL(619)618-2347



REVISION	DESCRIPTION	DATE
1	DESIGN CHANGES	1/30/17
2	OSHPD COMMENTS	8/14/17
3	OSHPD COMMENTS	10/02/17
4	DESIGN CHANGES	11/03/17

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD #: S170603-37-00



11/29/2017 08:44:43 AM
#S 70603-37-00

SHEET TITLE:
TYPICAL RATED PARTITION ASSEMBLIES

PROJECT TITLE:
TCMC ANGIO TO CATH LAB RENOVATION

PROJECT #:
01608.00

DRAWN BY:
Author

CHECKED BY:
Checker

SCALE:
As indicated

DATE:
10/10/16

SHEET NUMBER:
A5-00

GENERAL NOTES:

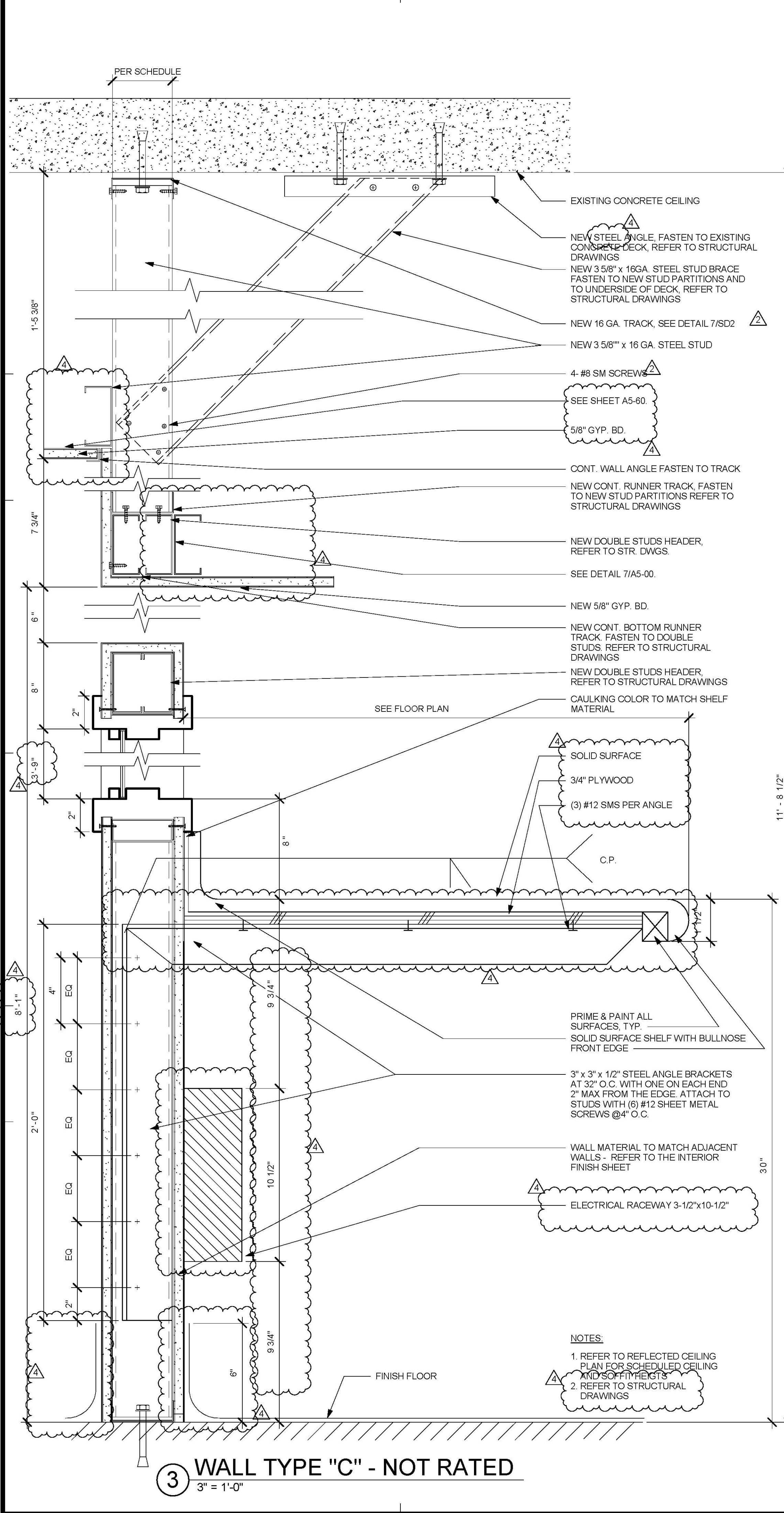
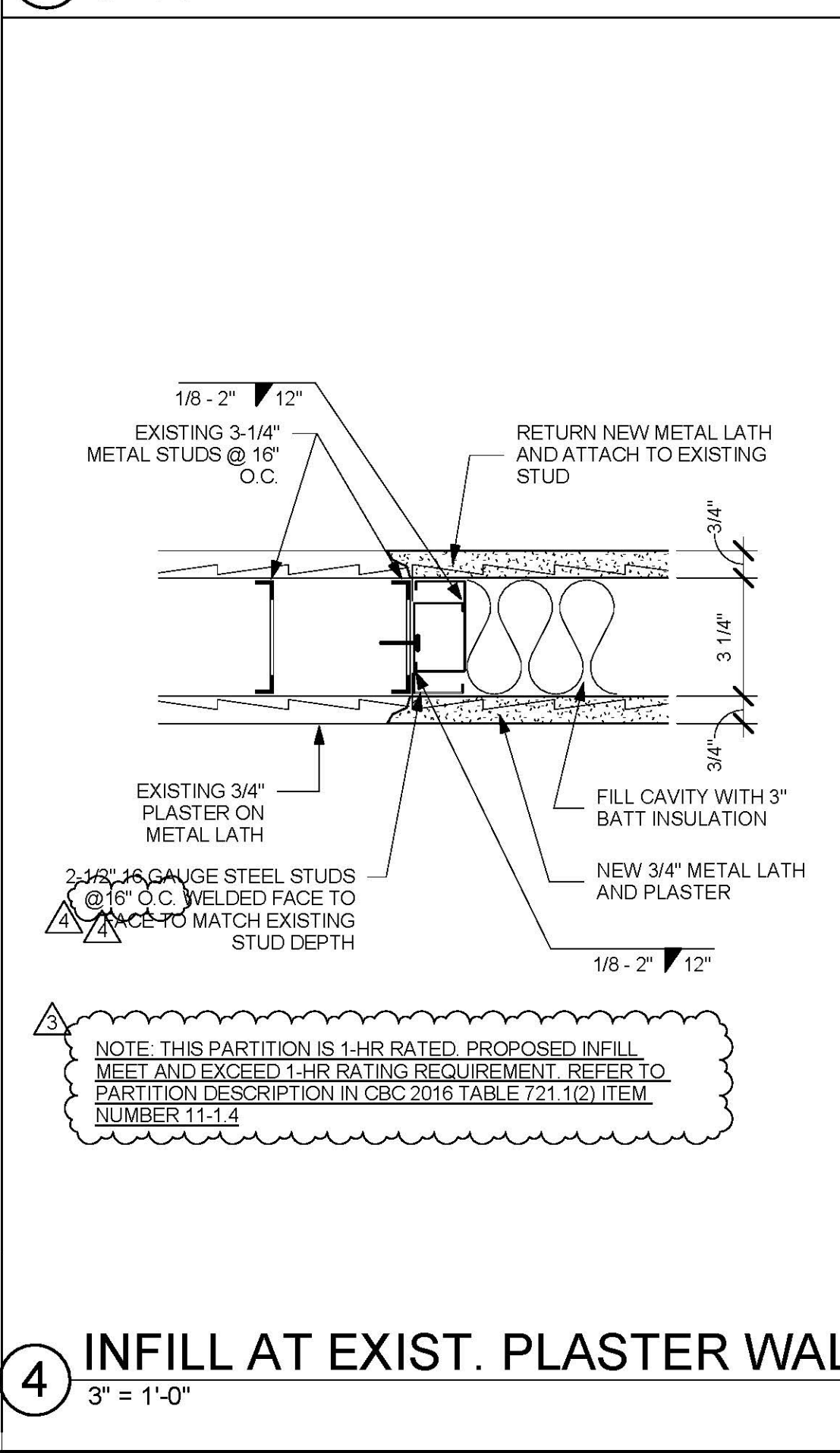
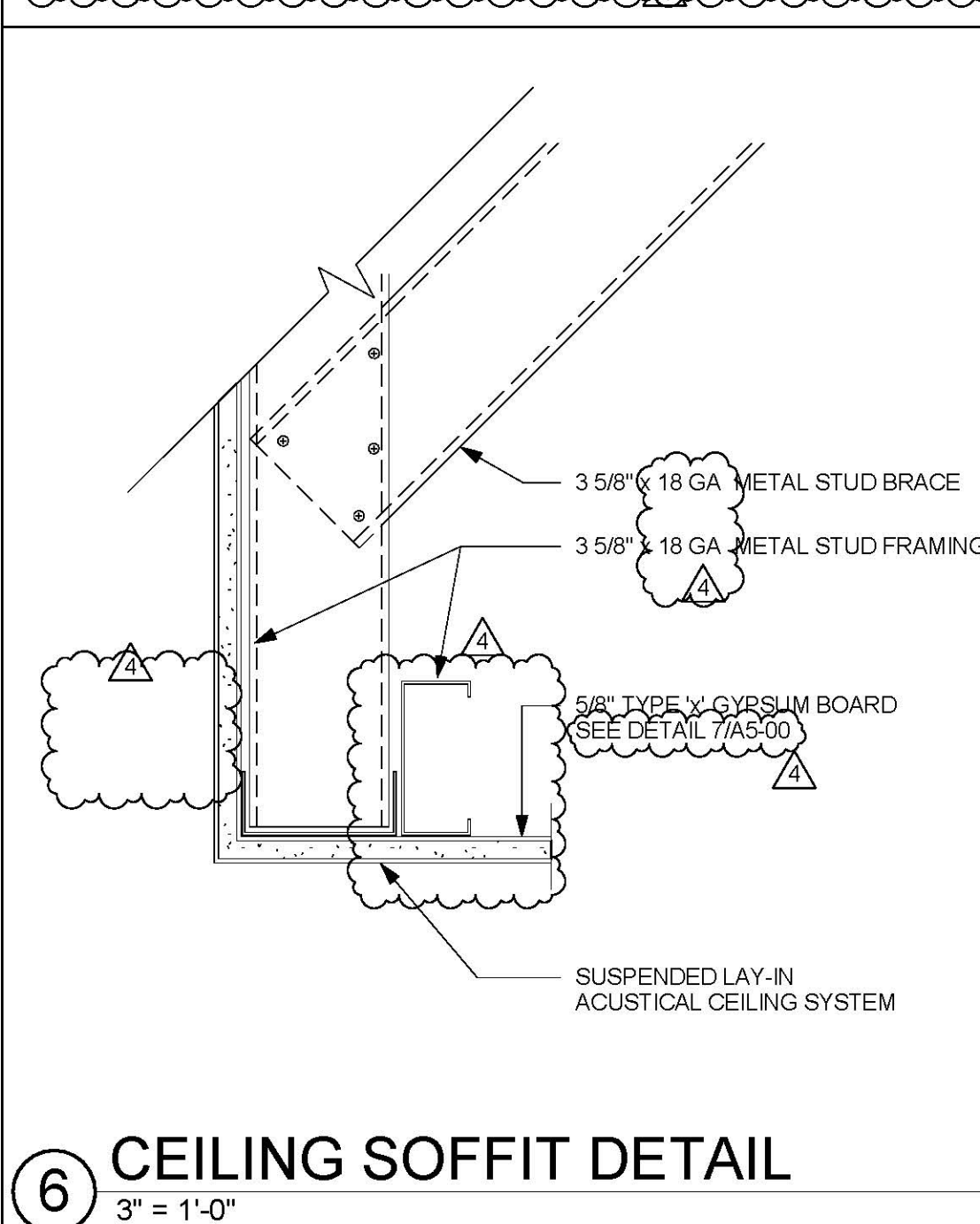
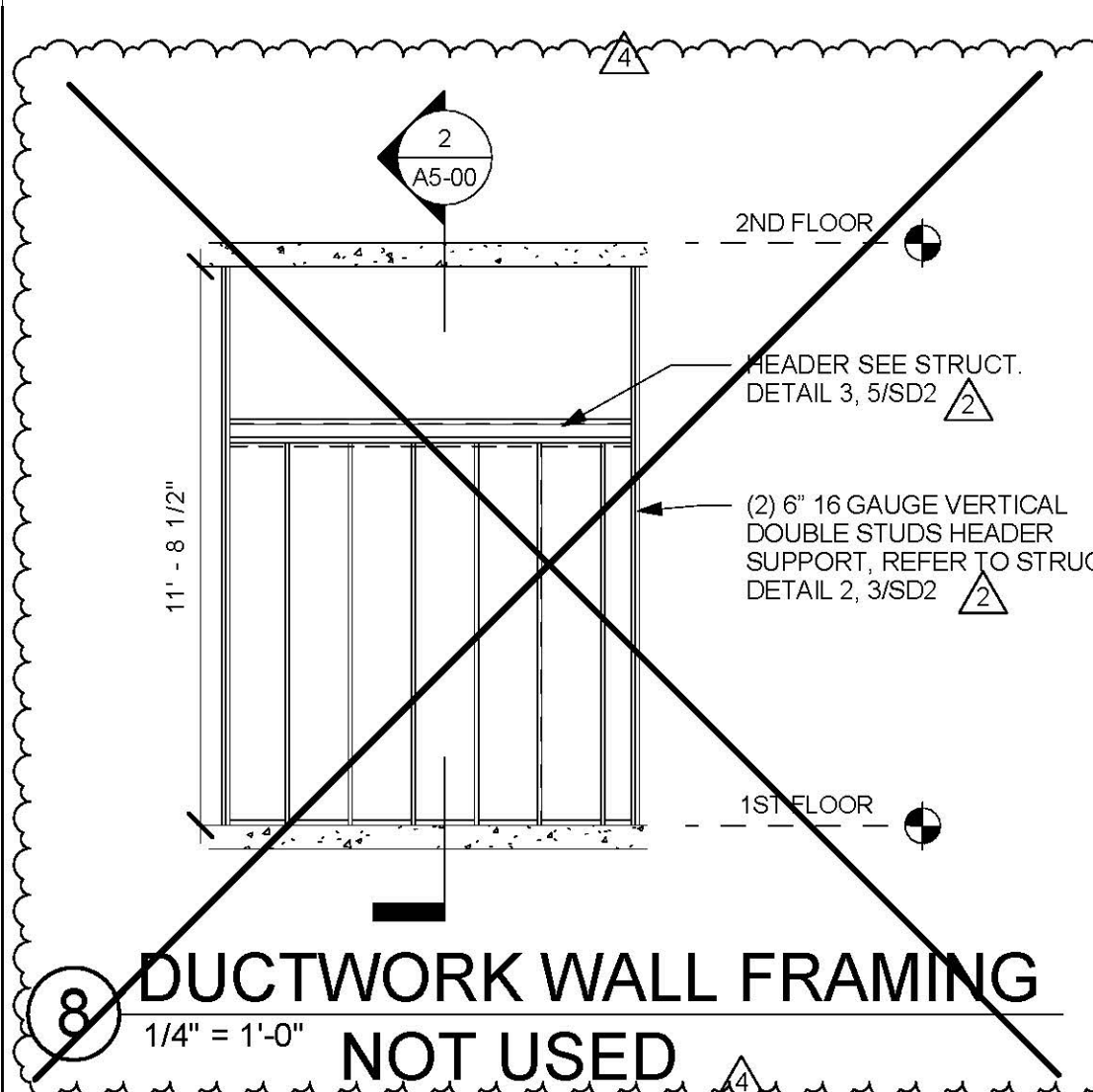
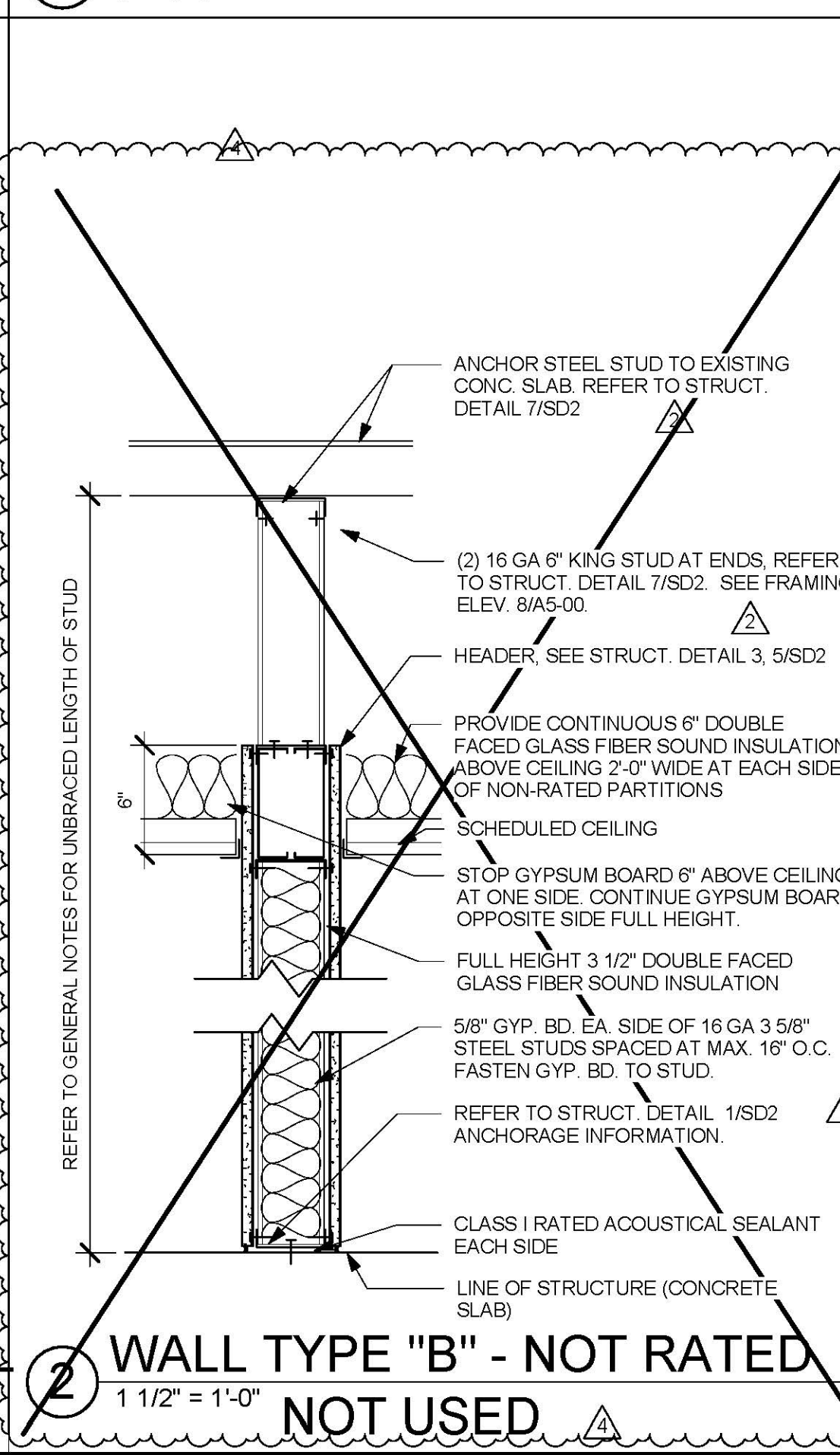
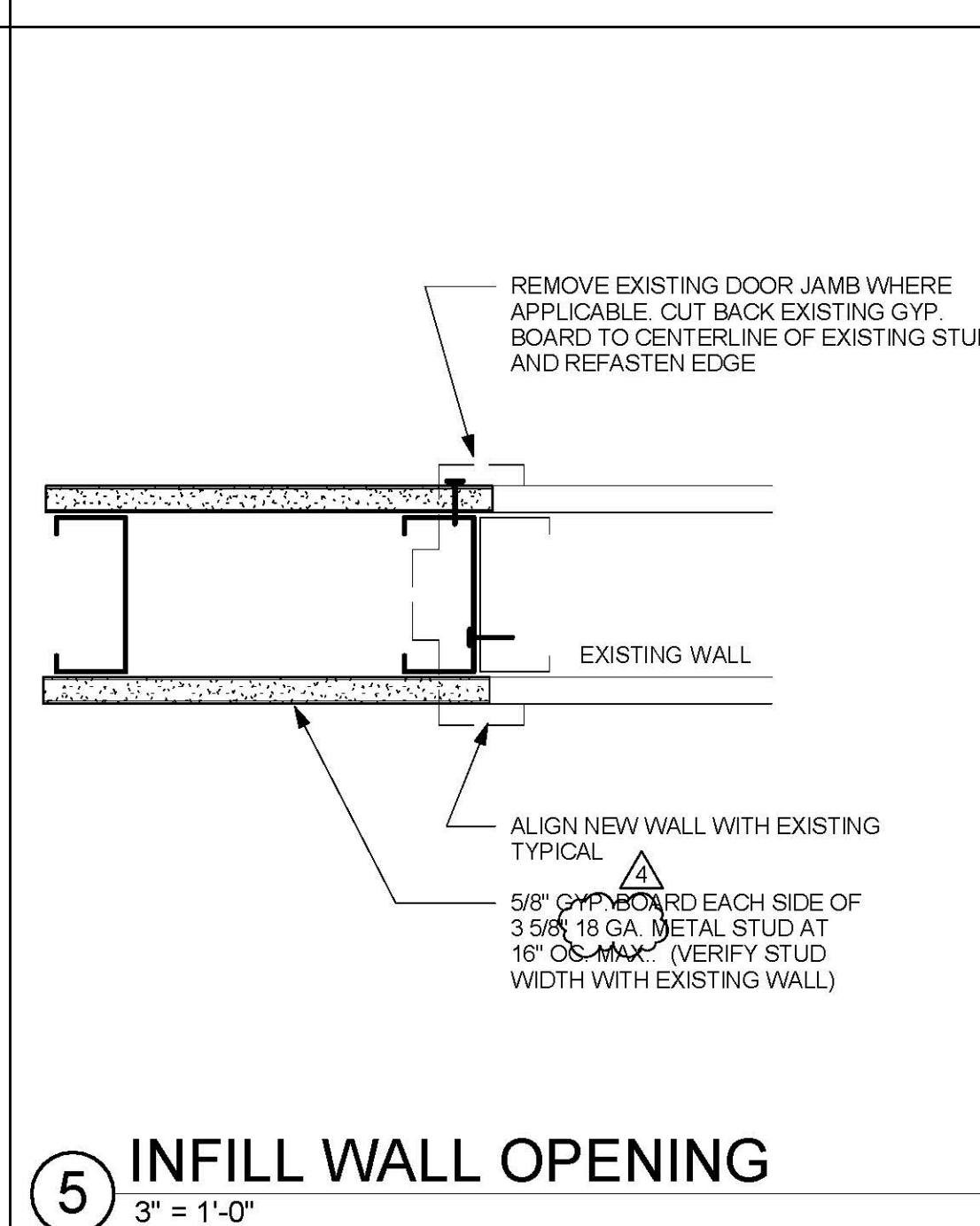
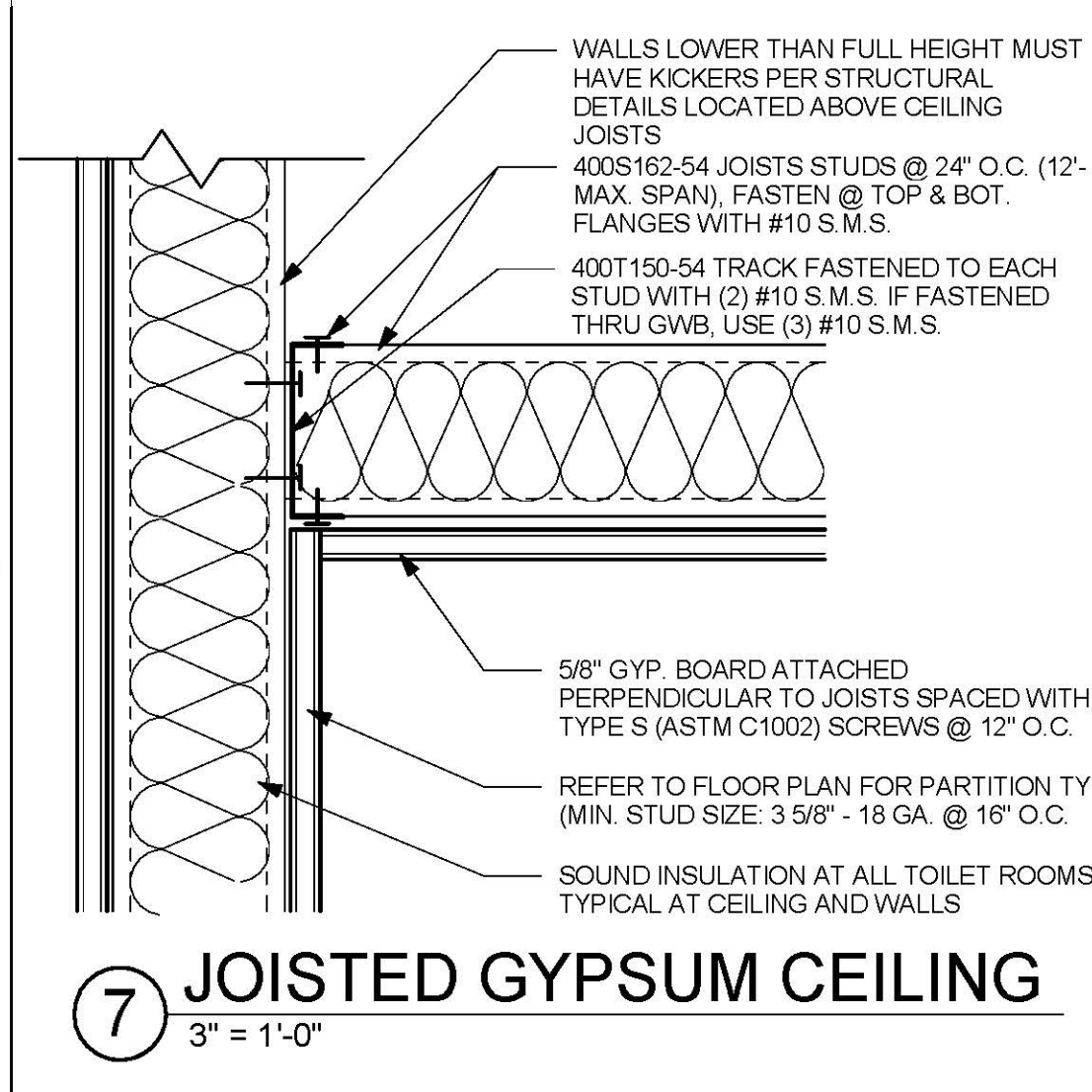
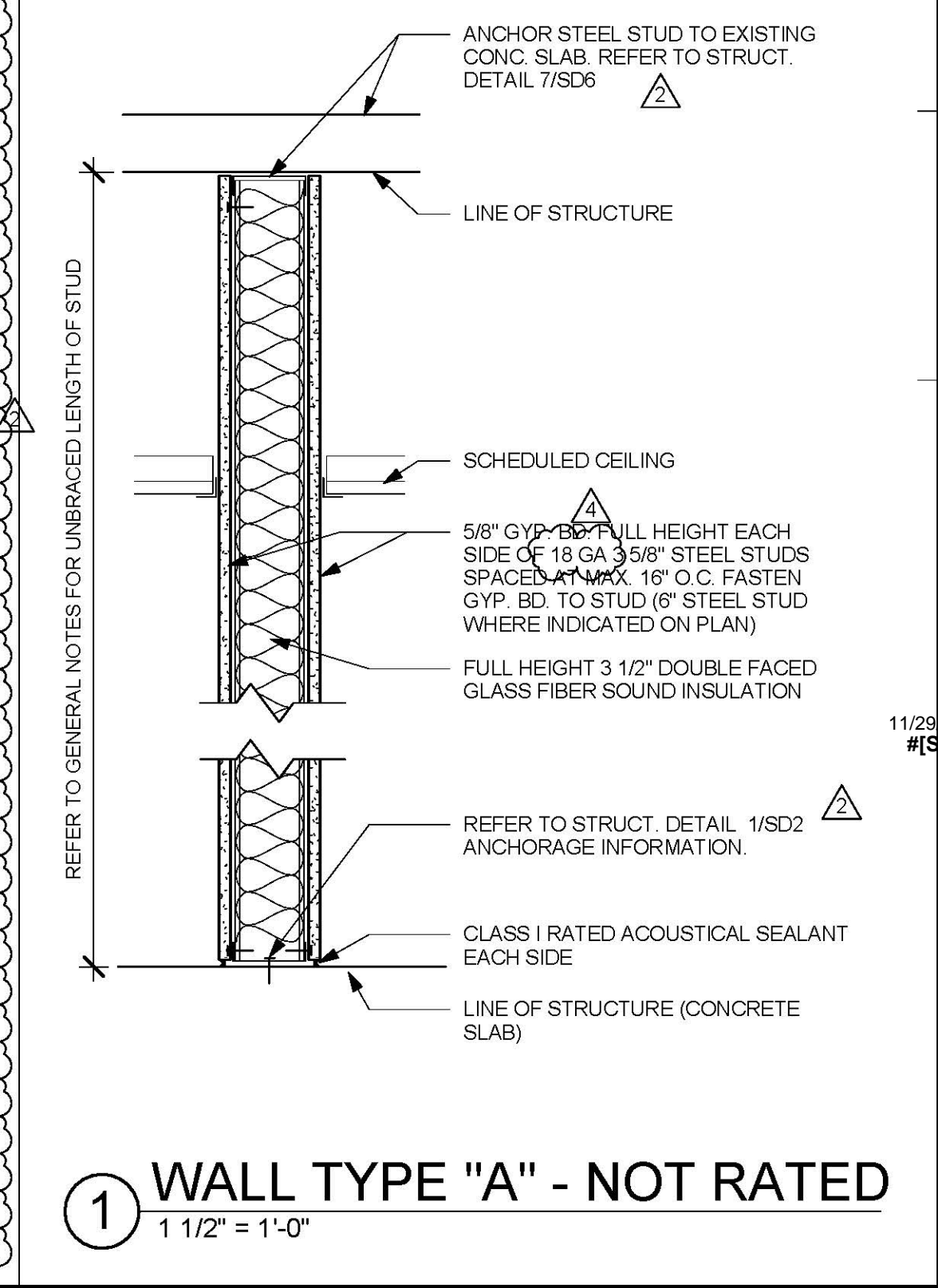
- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
- REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
- FIRE-RESISTANT RATED WALLS AND CEILINGS SHALL BE REPAIRED OR PATCHED TO MATCH THE EXISTING RATED CONDITION IN ORDER TO MAINTAIN THE CONTINUITY OF THE RATED WALL OR CEILING SYSTEM.

GENERAL NOTES FOR PARTITIONS:

- ALL GYP. BOARD SHALL BE TYPE 'X'. REFER TO FLOOR PLAN FOR LOCATION OF WALL TYPES.
- REFER TO THE INTERIOR DESIGN SHEET AND RELATED DETAILS FOR FINISHES REQUIRED AND TO THE MANUFACTURER FOR SURFACE PREP. REQUIREMENTS.
- REFER TO THE FLOOR PLAN, INTERIOR ELEVATIONS, DETAILS, MECHANICAL, PLUMBING, AND ELECTRICAL PLANS FOR WALL BACKING REQUIREMENTS AND IN WALL UTILITIES.
- ALL DOOR JAMBS AND OPENINGS SHALL BE DOUBLE STUDDED WITH 16 GA STUDS EXTENDED TO STRUCTURE ABOVE REFER TO 4/A5-00 WHERE STUDS CANNOT EXTEND TO STRUCTURE ABOVE DUE TO OBSTRUCTIONS. BRACE PER DETAIL 5/A5-00 FRAME ALL OPENINGS PER HEADER DETAILS 5 AND 6 ON A6-00.
- PROVIDE 6" STEEL STUDS AT ALL WALLS AND/OR WALLS WHERE RECESSED ELECTRICAL PANELS OR FIRE EXTINGUISHER CABINETS ARE LOCATED UNLESS NOTED OTHERWISE. COORDINATE WITH RELATED SUB-CONTRACTORS.
- PROVIDE STEEL TRACK BACKING AT ALL WALL MOUNTED DOOR STOPS. REFER 10/S-1.
- ALL STUDS SUPPORTING WALL HUNG CABINETS SHALL BE MIN. 16 GA. STUDS SPACED AT 16" O.C. MAXIMUM. REFER TO DETAILS 02 AND 03/A5-80 FOR REQUIRED BACKING MATERIAL AND CONNECTION.
- ALL RATED WALLS (FIRE AND SMOKE) SHALL BE CONSTRUCTED SO THAT SECONDARY ALLS DO NOT PENETRATE SYSTEM. ALL PENETRATIONS SHALL BE SEALED W/ UL LISTED FIRE STOP SEALANT, UL LISTED ASSEMBLIES OR APPROVED EQUAL.
- SUBMITTAL FOR WALL MATERIALS SHALL BE PROVIDED TO SUBSTANTIATE THE PROPOSED MATERIALS HAVE BEEN TESTED BY A RECOGNIZED TESTING AGENCY THE REQUIRED RATINGS AND PERFORMANCE LEVELS OF THE SPECIFIED MATERIALS.
- ALL PENETRATIONS IN RATED WALLS OVER 16 SQ. INCHES SHALL BE BACK WRAPPED WITH 5/8" TYPE 'X' GYP. BD. UNPROTECTED PENETRATIONS UNDER 16 SQ. INCHES SHALL NOT EXCEED 100 SQ. INCHES TOTAL FOR EACH 100 SQ. FEET OF WALL AREA. WHERE SUCH UNPROTECTED OPENINGS OCCUR ON OPPOSITE SIDES OF THE WALL SEPARATE THESE OPENINGS BY MIN. 24 INCHES.
- DOOR OPENINGS SHALL BE PROTECTED BY A U.L. LISTED (OR EQUAL) DOOR AND DOOR FRAME. ALL RATED DOORS SHALL BE POSITIVE LATCHING. AUTOMATIC CLOSING AND GASKETED TO PREVENT THE PASSAGE OF SMOKE. DOORS EQUIPPED WITH A HOLD OPEN DEVICE SHALL BE INTERCONNECTED TO THE FIRE ALARM WHICH SHALL CLOSE THE DOOR UPON ACTIVATION.
- COMPLY WITH THE FOLLOWING I.C.C. REPORTS:
"CEMCO". I.C.C. #ER-3403P (STUDS AND TRACKS)
"ITW RAMSEY/REDHEAD". I.C.C. #1639
REFER TO THE FOLLOWING TABLE FOR ALLOWABLE WALL HEIGHTS. HEIGHTS ARE FOR NON-LOAD BEARING STEEL STUDS USED FOR INTERIOR PARTITIONS WITH BOTH FLANGES OF STUDS CONTINUOUSLY BRACED WITH GYP. BOARD OR FLAT STRAPS. ALLOWABLE HEIGHTS ARE THOSE LISTED WITHIN THE I.C.C. REPORT. BRACE ALL STUDS AS REQUIRED SO AS NOT TO EXCEED THOSE ALLOWED HEIGHTS SET BY THE MFR. AND THE I.C.C. REPORT. SUBMIT FOR APPROVAL. CURRENT I.C.C. REPORT.

STUD	DESIGNATION	MAXIMUM HEIGHT 16" O.C.	MAXIMUM HEIGHT 24" O.C.	REMARKS
3 5/8"-18 GA	362S200	16'-1"	14'-1"	INTERIOR ONLY
6"-16 GA	600S200	24'-1"	21'-1"	INTERIOR ONLY

STUD	DESIGNATION	MAXIMUM HEIGHT 16" O.C.	MAXIMUM HEIGHT 24" O.C.	REMARKS
3 5/8"-18 GA	362S200	16'-1"	14'-1"	INTERIOR ONLY
6"-16 GA	600S200	24'-1"	21'-1"	INTERIOR ONLY



TCMC ANGIO
TO CATH LAB
RENOVATION

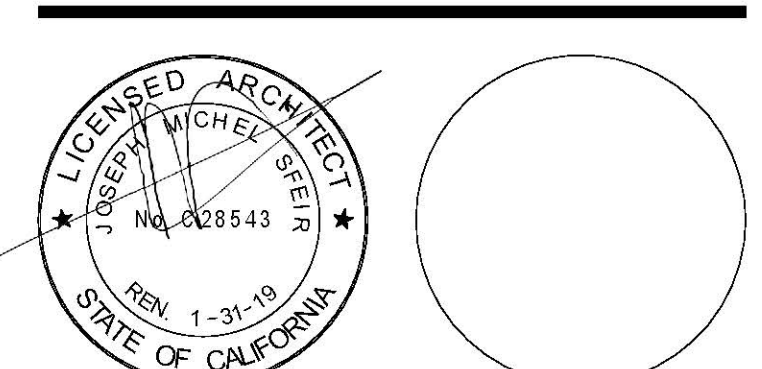
TRI-CITY MEDICAL
CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA
92056

OWNER: TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056
TEL: (760) 724-8411

ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PLACE, SUITE 100
SAN DIEGO, CALIFORNIA 92122
TEL: (619) 299-3917 FAX: (619) 299-5084

STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.
2091 LAS PALMAS DRIVE, SUITE D
CARLSBAD, CALIFORNIA 92011
TEL: (760) 438-1188

ME&P: P2S
9865 CHESAPEAKE, SUITE 230
SAN DIEGO, CALIFORNIA 92123
TEL: (619) 618-2347



DESIGN CHANGES	1/30/17
OSHPD COMMENTS	8/14/17
OSHPD COMMENTS	10/02/17
DESIGN CHANGES	11/03/17

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD # S170603-37-00

REVIEWED IN ACCORDANCE WITH THE REQUIREMENTS OF 724, CCR
APPROVED
with comments

KC Huang, Sr. Architect
Office of Statewide Health Planning & Development
FACILITIES DEVELOPMENT DIVISION

11/29/2017 08:44:43 AM
#S170603-37-00

PROJECT TITLE:
TCMC ANGIO TO CATH LAB
RENOVATION

PROJECT #:
11/29/17

DATE:
10/10/16

SHEET TITLE:
GYPSUM CEILING DETAILS

PROJECT TITLE:
TCMC ANGIO TO CATH LAB
RENOVATION

PROJECT #:
11/29/17

DATE:
10/10/16

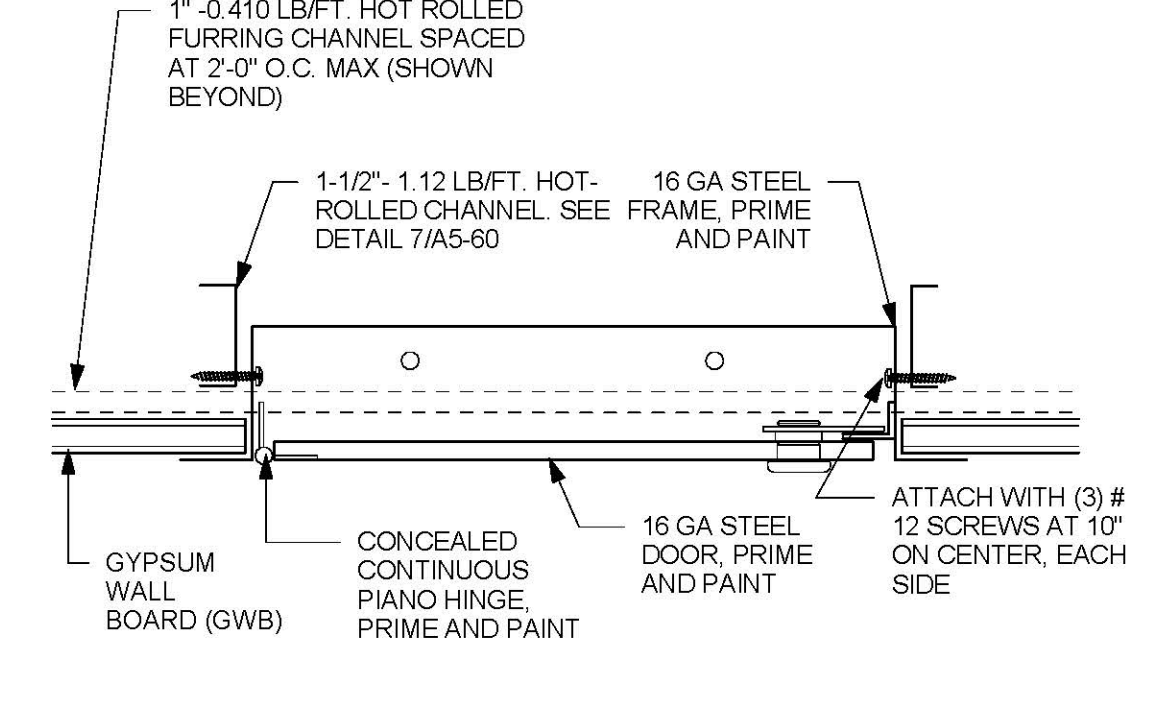
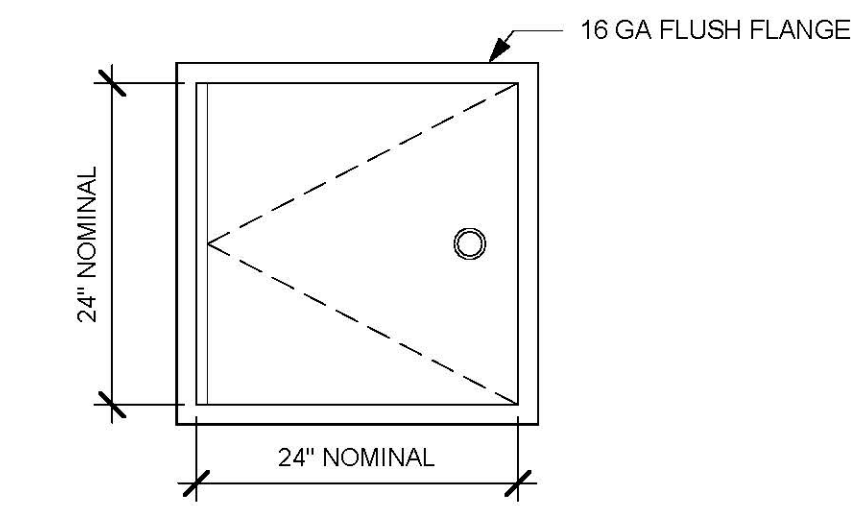
SHEET NUMBER:
A5-60

GENERAL NOTES:

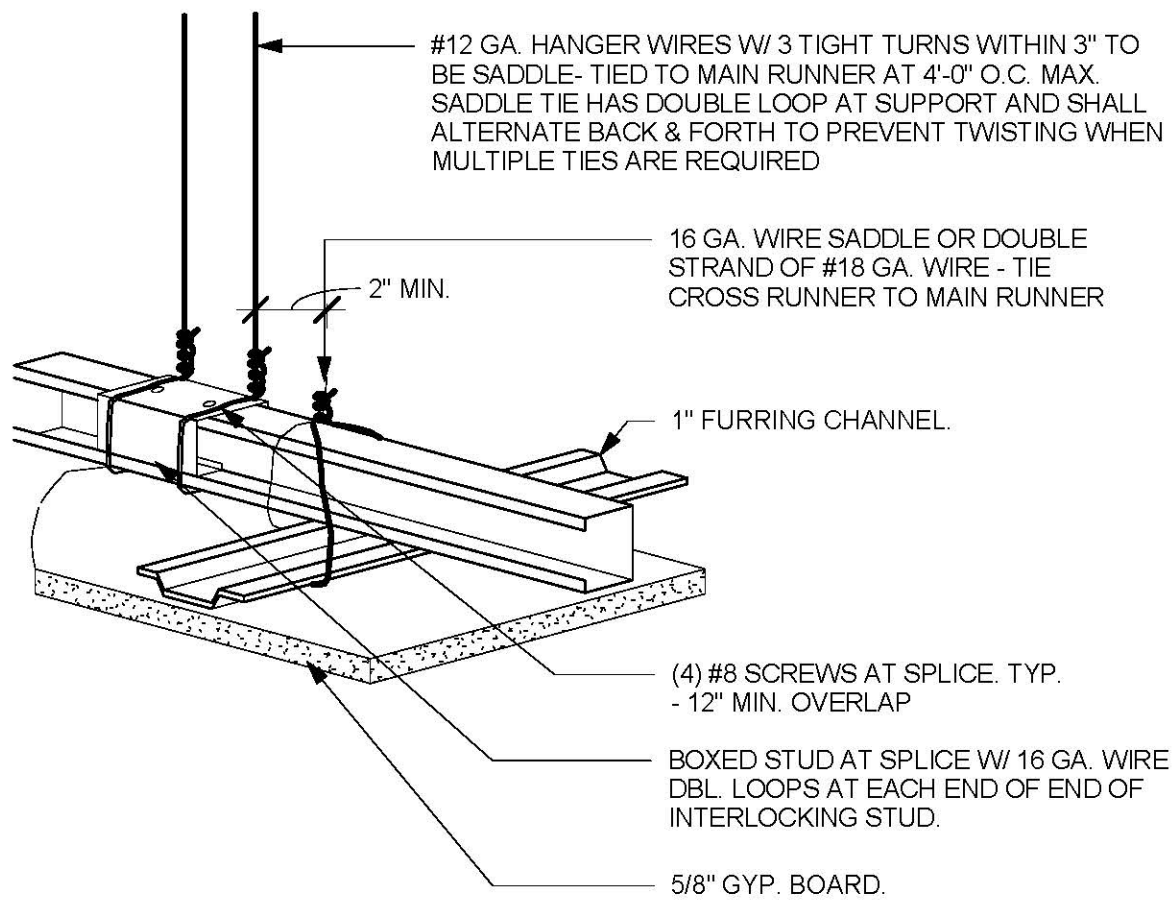
- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
- REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
- FIRE-RESISTANT RATED WALLS AND CEILINGS SHALL BE REPAIRED OR PATCHED TO MATCH THE EXISTING RATED CONDITION IN ORDER TO MAINTAIN THE CONTINUITY OF THE RATED WALL OR CEILING SYSTEM.

GENERAL NOTES GWB CEILING:

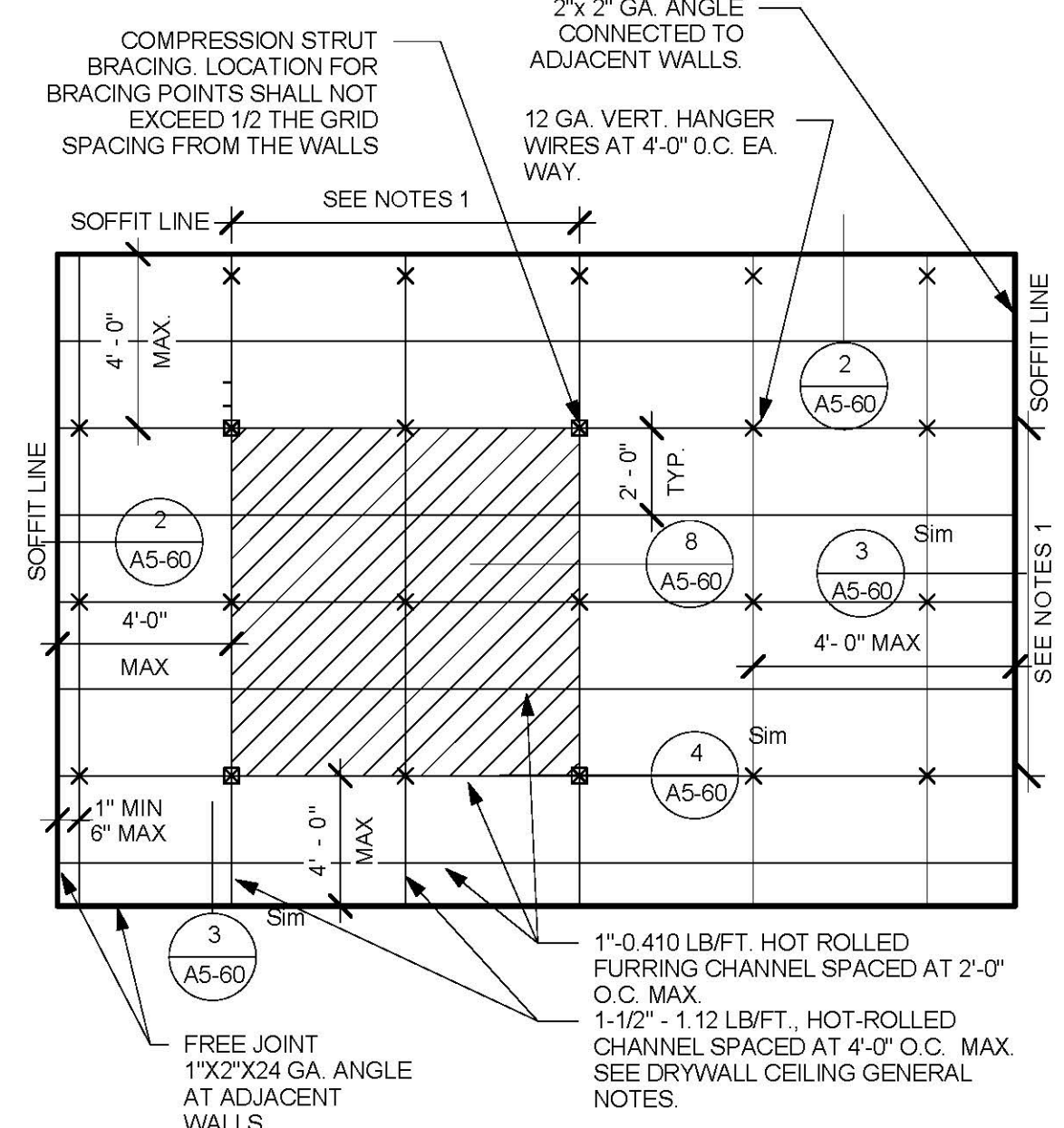
- DRYWALL CEILING SUSPENSION; CONVENTIONAL CONSTRUCTION
- REF: CBC 2016 AND ASCE 7-10
- CONSTRUCTION, WORKMANSHIP AND MATERIAL SHALL CONFORM TO THE 2016 CALIFORNIA BUILDING STANDARDS CODE (CBC 2016).
 - THE CONTRACTOR SHALL NOTIFY OSHPD AND THE REGISTERED DESIGN PROFESSIONAL (RDP) IN RESPONSIBLE CHARGE WHERE A CONFLICT OR DISCREPANCY OCCURS BETWEEN THE CONSTRUCTION DRAWINGS AND ANY OTHER PORTION OF THE CONSTRUCTION DOCUMENTS, FIELD CONDITIONS, OR WHERE ANY CONDITIONS ARISE NOT COVERED BY THESE DOCUMENTS WHEREIN WORK WILL NOT COMPLY WITH CODE REQUIREMENTS.
 - THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO CONSTRUCT THE HOSPITAL BUILDING IN ACCORDANCE WITH THE CALIFORNIA BUILDING STANDARD CODE, 2016 (CBC 2016). SHOULD ANY CONDITION DEVELOP NOT COVERED BY THE APPROVED CONSTRUCTION DOCUMENTS WHEREIN THE WORK WILL NOT COMPLY WITH CBC 2016, A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY OSHPD BEFORE PROCEEDING WITH THE WORK.
 - GALVANIZED METAL STUDS, TRACKS AND SHEET STEEL SHALL CONFORM TO ASTM A653-11 MATERIAL, OR OTHER EQUIVALENT ASTM LISTED MATERIALS IN SECTION A2.1 OF THE AISI S100-07/S2-10, NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS WITH SUPPLEMENT 2, DATED 2010 WITH A MINIMUM YIELD STRENGTH OF 33 KSI FOR 43 MIL (18 GAGE) AND LIGHTER AND MINIMUM YIELD STRENGTH OF 50 KSI FOR HEAVIER GAGES. METAL STUDS AND TRACKS SHALL BE OF SIZE, THICKNESS AND SECTION PROPERTIES SHOWN ON TABLES 1-1, 1-2 AND 1-3 OF THE AISI MANUAL, COLD-FORMED STEEL DESIGN, 2008 EDITION. THE RDP IN RESPONSIBLE CHARGE SHALL OBTAIN OSHPD APPROVAL FOR ANY SUBSTITUTIONS.
 - ELECTRICAL METALLIC TUBE (EMT) SHALL BE ANSI C80.3UL 797 CARBON STEEL WITH G90 GALVANIZING. EMT SHALL HAVE MINIMUM YIELD STRENGTH OF (Fy =) 30 KSI AND MINIMUM ULTIMATE STRENGTH OF (Fu =) 48 KSI.
 - SELECTED FASTENER CAPACITIES SHALL MATCH OR EXCEED THE STRENGTHS LISTED HEREIN. THE FOLLOWING REQUIREMENTS SHALL ALSO BE MET:
 - SHEET METAL SCREWS SHALL COMPLY WITH ASTM C 1513-10, ASME B18.6.4-98 (R2006) AND ICC-ES AC 118. PENETRATION OF SCREWS THROUGH JOINED MATERIAL SHALL NOT BE LESS THAN THREE EXPOSED THREADS.
 - WELDING SHALL BE IN ACCORDANCE WITH AWS D1.3 USING E60XX SERIES ELECTRODES. FIELD WELDING SHALL HAVE SPECIAL INSPECTION IN ACCORDANCE WITH 2016 CBC SECTION 1705A.2 POST-INSTALLED ANCHORS (E.G. EXPANSION ANCHORS, SCREW ANCHORS AND POWER ACTUATED FASTENERS) SHALL HAVE SPECIAL INSPECTION AND TESTING IN ACCORDANCE WITH THE 2016 CBC SECTIONS 1705A.3 & 1913A.7 FOR QUALIFICATION, DESIGN AND USE OF POST-INSTALLED ANCHORS IN CONCRETE. SEE THE 2016 CBC SECTIONS 1616A.1.19 AND 1908A.1.1. LISTING OF CURRENT ICC-ES EVALUATION REPORTS (OR REPORTS FROM OTHER TESTING AGENCIES ACCEPTABLE TO OSHPD) SHALL BE REQUIRED FOR FASTENER USE.
 - POWER-ACTUATED FASTENERS (PAF), POWDER DRIVEN FASTENERS (PDF), POWER DRIVEN PINS (PDP) AND SHOT PINS ALL REPRESENT THE SAME FASTENER AND WILL HEREAFTER BE REFERRED TO AS POWER ACTUATED FASTENERS (PAF). PAF'S SHALL SATISFY THE CURRENT AC708 ACCEPTANCE CRITERIA FOR FASTENERS POWER-DRIVEN INTO CONCRETE, STEEL AND MASONRY ELEMENTS AND THE 2016 CBC SECTION 1908A.1.1. LISTING OF CURRENT ICC-ES EVALUATION REPORTS (OR REPORTS FROM OTHER TESTING AGENCIES ACCEPTABLE TO OSHPD) SHALL BE REQUIRED FOR FASTENERS USED FOR PAF INSTALLED IN STEEL. THE FASTENER PENETRATION SHALL HAVE THE ENTIRE POINTED END OF THE FASTENER DRIVEN THROUGH THE STEEL MEMBER, EXCEPT AS NOTED IN CURRENT REPORTS FROM TESTING AGENCIES ACCEPTABLE TO OSHPD.
 - DESIGN CRITERIA
 - BUILDING CODE: 2016 CALIFORNIA BUILDING CODE (2016 CBC), ASCE 7-10, AISI S100-07/S2-10, ASTM C754-11. FOR LOAD COMBINATIONS, ALLOWABLE STRESS DESIGN SHALL BE IN ACCORDANCE WITH 2016 CBC SECTION 1601.2.1.
 - FASTENER CAPACITY TABLES WERE DEVELOPED BASED ON ICC REPORTS BY SEVERAL MANUFACTURERS.
 - THE DESIGN ASSUMES THAT BUILDING ELEMENTS AND SUPPORTS, TO WHICH THE COMPONENTS ADDRESSED IN THIS DOCUMENT ARE ANCHORED, HAVE SUFFICIENT CAPACITY TO CARRY THE LOADS IMPOSED BY THE COMPONENTS IN COMBINATION WITH ALL OTHER LOADS.
 - DESIGN CRITERIA IS LIMITED TO CEILING ASSEMBLIES HAVING MAXIMUM DEAD WEIGHT OF 4 PSF, INCLUDING LIGHTING FIXTURES (LUMINERIES) AND MECHANICAL SERVICES, EACH WEIGHING LESS THAN 55 LBS AND ATTACHED TO CEILING FRAMING SYSTEM. HEAVIER SYSTEM AND THOSE SUPPORTING LATERAL FORCES FROM PARTITION WALLS WILL REQUIRE PROJECT SPECIFIC DESIGN.
 - THE RDP IN RESPONSIBLE CHARGE SHALL VERIFY THE FIRE RESISTANCE AND ACOUSTICAL RATINGS FOR ALL CEILING ASSEMBLIES.
 - "CEILING WIRE" SHALL CONFORM WITH GALVANIZED SOFT ANNEALED MILD STEEL WIRE AS DEFINED IN ASTM A641 (CLASS 1 COATING) WITH 70 KSI MINIMUM TENSILE STRENGTH:
 - FOR (4) TWISTS OF WIRE WITHIN 1.5" DEVELOPS THE ALLOWABLE LOAD FOR THE WIRE.
 - THREE (3) TWISTS WITHIN 3" MAY BE USED TO DEVELOP THE MAXIMUM 50% OF ALLOWABLE LOAD.
 - SUSPENSION SYSTEM COMPONENTS SHALL COMPLY WITH ASTM C754:
 - MAIN RUNNERS SHALL CONSIST OF 16 GAGE 1-1/2" COLD ROLLED U-CHANNEL 150J90-54 SPACED AT 4'-0" O.C. MAX. MAIN RUNNERS SHALL BE SUPPORTED BY HANGER WIRES AT 4'-0" O.C. MAX AND WITHIN 6" FROM EA END.
 - FURRING CHANNEL SHALL CONSIST OF 25 GAGE 7/8" (HAT) FURRING CHANNELS (087F125-18) AT 2'-0" O.C. MAX. FURRING CHANNELS SHALL BE SADDLE TIED TO MAIN RUNNERS WITH #12 GAGE (0.106" DIAMETER), SOFT ANNEALED, AND GALVANIZED STEEL WIRES WITH CLASS 1 COATING. THEY MAY BE USED FOR UP TO AND INCLUDING 4'-0" X 4'-0" GRID SPACING ALONG AND ATTACHED TO MAIN RUNNERS. SPLICES ARE NOT PERMITTED IN ANY HANGER WIRE.
 - HANGER WIRES SHALL BE SADDLE TIED AROUND MAIN RUNNERS SO AS TO PREVENT TURNING OR TWISTING OF THE MEMBER.
 - SUSPENSION SYSTEM INSTALLATION, SHALL COMPLY WITH ASTM C754:
 - CEILING GRID MEMBERS SHALL BE ATTACHED TO TWO (2) ADJACENT WALLS. MAIN RUNNERS AND FURRING CHANNEL SHALL BE AT LEAST 1" INCH CLEAR OF OTHER WALL AND FURRING SHALL BE AT LEAST 3/4" INCH CLEAR OF OTHER WALL IF WALLS RUN DIAGONAL TO THE CEILING GRID SYSTEM RUNNERS. ONE END OF MAIN RUNNER AND FURRING SHOULD BE FREE WITH STANDARD CLEARANCES.
 - THE WIDTH OF THE PERIMETER SUPPORTING CLOSURE ANGLE SHALL BE NOT LESS THAN TWO (2) INCHES. USE OF ANGLES WITH SMALLER WIDTHS IN CONJUNCTION WITH PERIMETER CLIPS SHALL REQUIRE AN ALTERNATE METHOD OF COMPLIANCE WITH ADEQUATE JUSTIFICATION.
 - EXPANSION JOINTS, SEISMIC SEPARATIONS, AND PENETRATIONS:
 - EXPANSION JOINTS SHALL BE PROVIDED IN THE CEILING AT INTERSECTIONS OF CORRIDORS AND AT JUNCTIONS OF CORRIDORS WITH LOBBIES OR OTHER SIMILAR AREAS.
 - SEISMIC SEPARATION JOINT SHALL BE PROVIDED TO DIVIDE THE CEILING INTO AREAS NOT EXCEEDING 2500 SQ. FT.



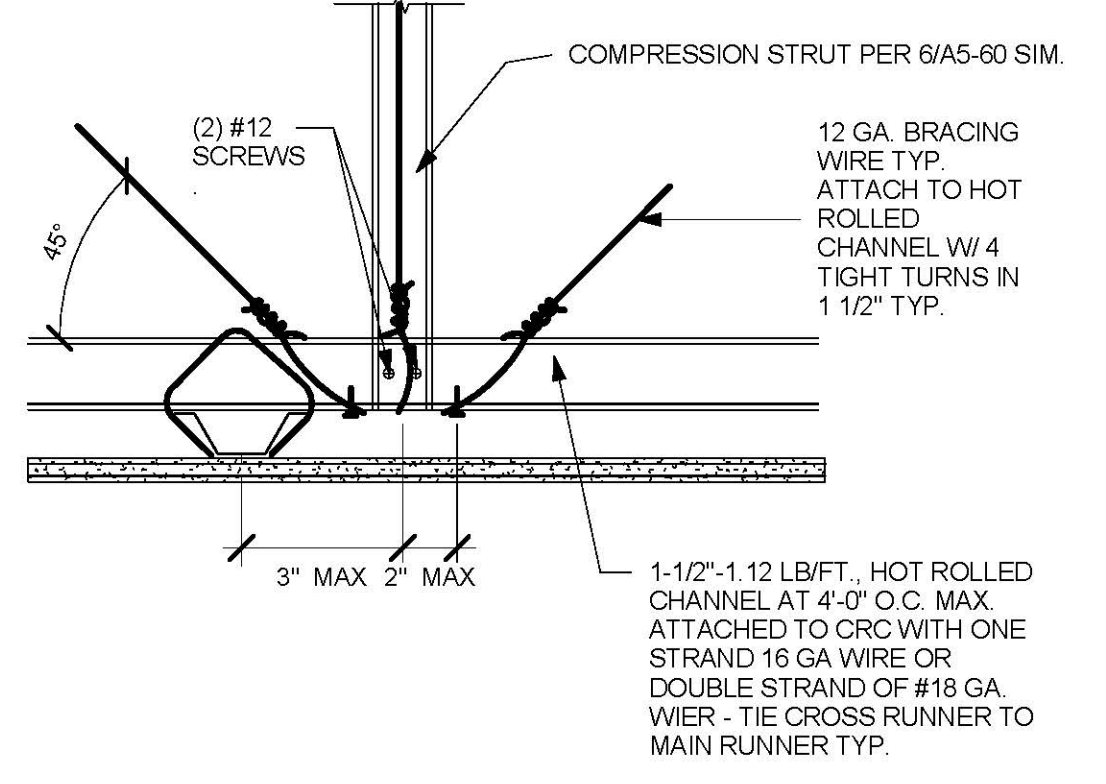
7 CEILING ACCESS PANEL 1
1 1/2" = 1'-0"



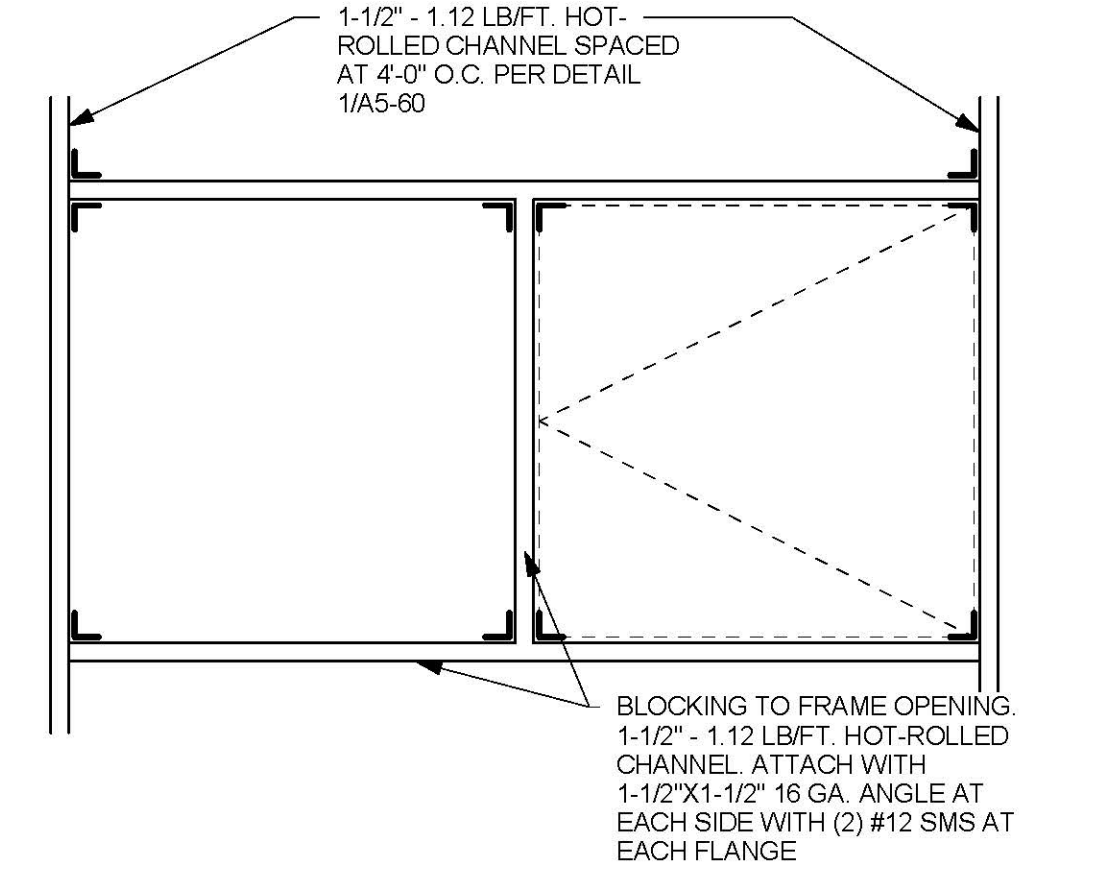
4 SPLICE AT HOT ROLLED CHANNEL
12\"/>



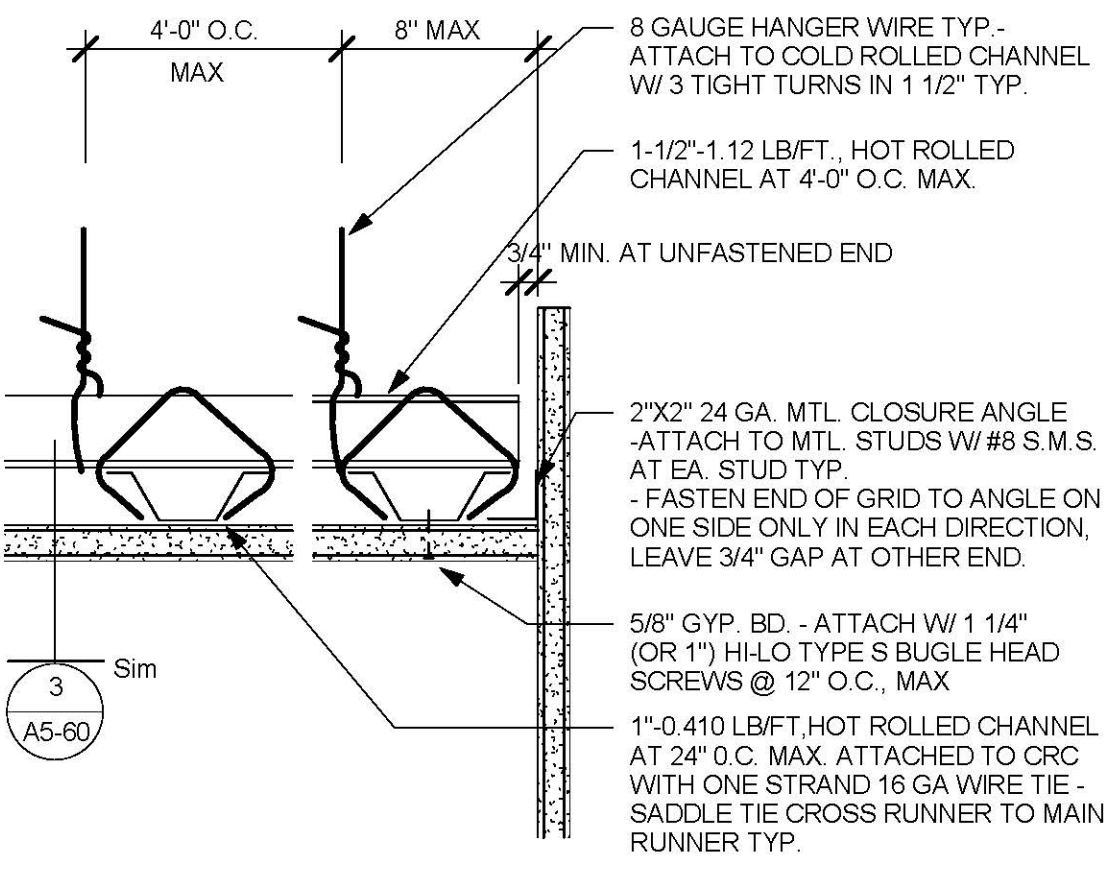
1 PLAN-GWB CEILING
1/4\"/>



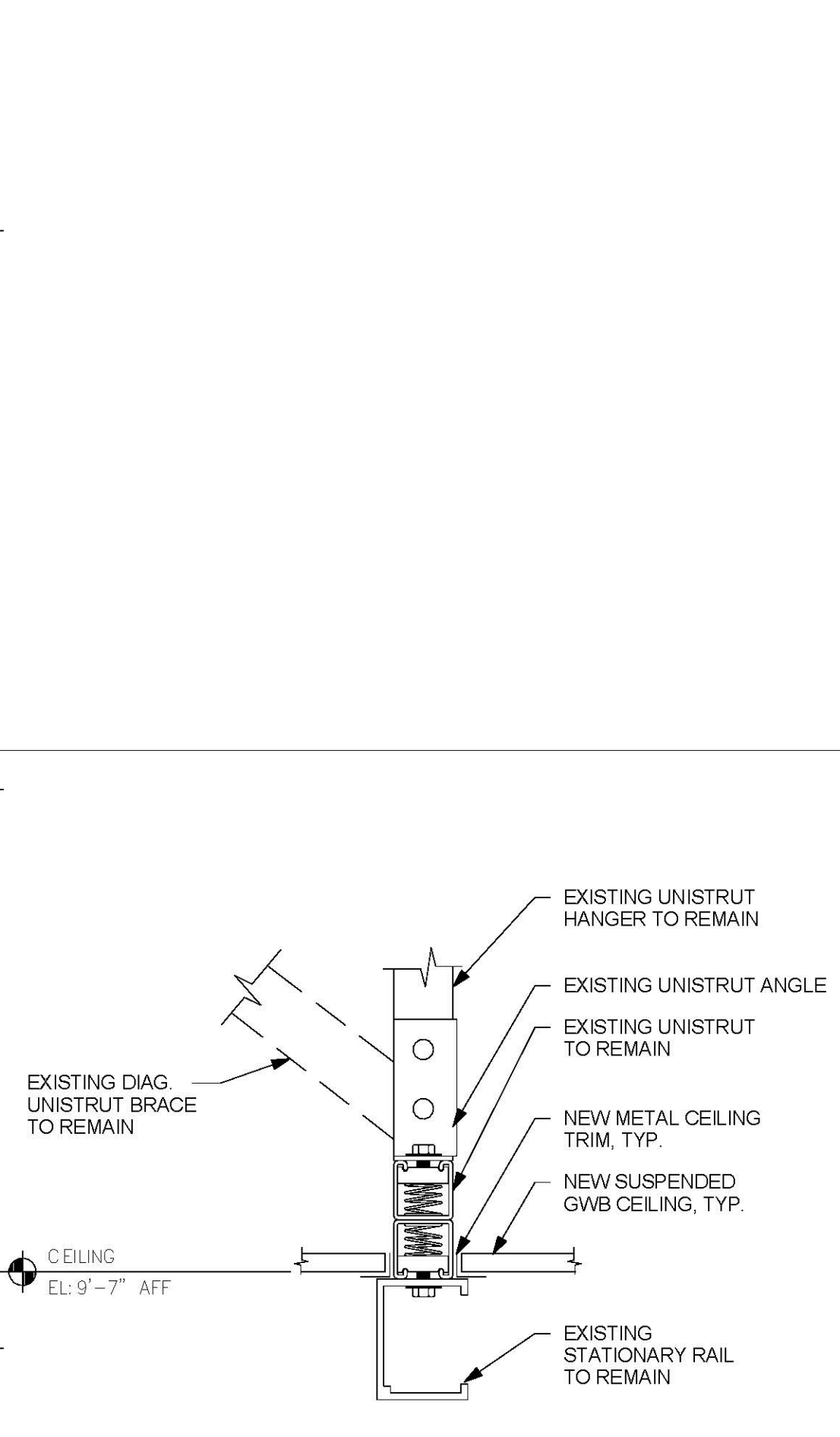
8 TYP. COMPRESSION STRUT
12\"/>



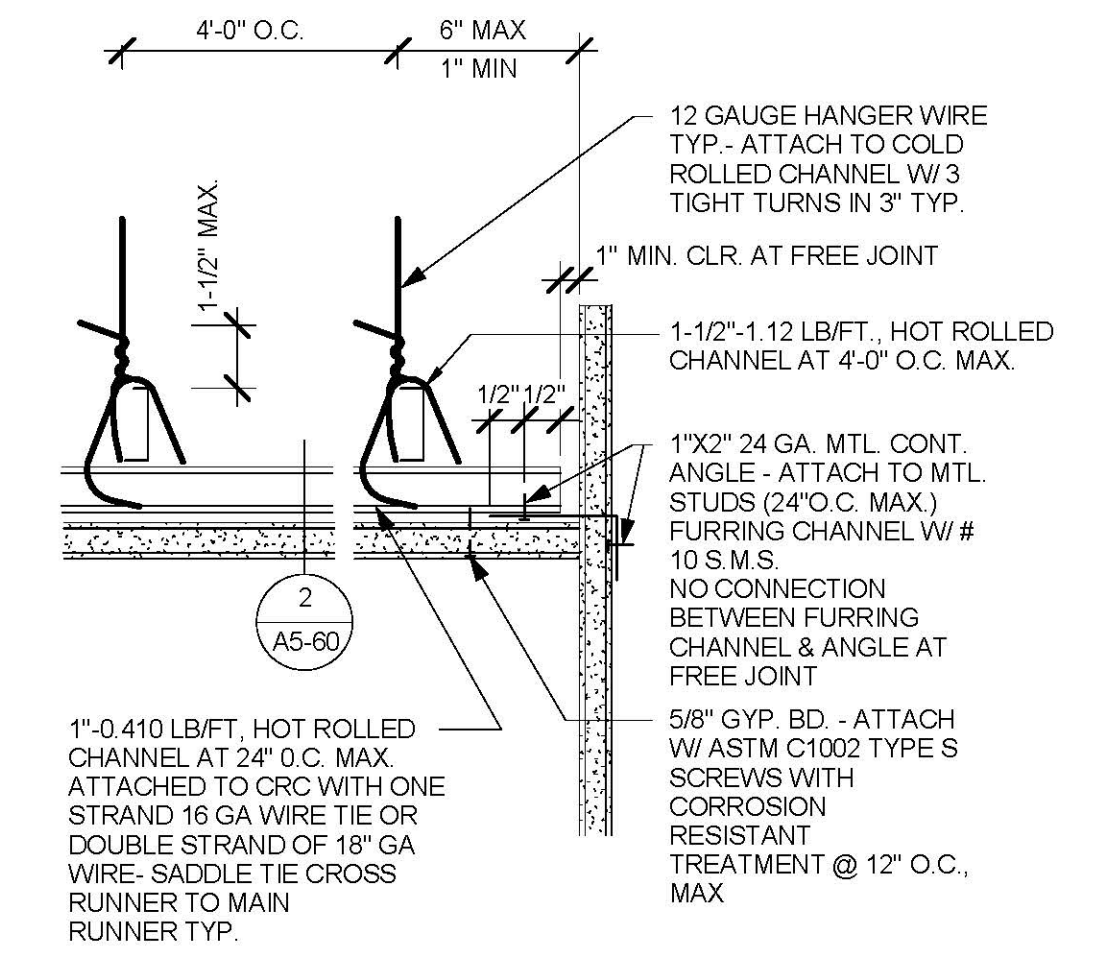
5 CEILING ACCESS PANEL FRAMING
1 1/2\"/>



2 CEILING SUPPORT (PERPENDICULAR)
12\"/>



6 CEILING RAILING SYSTEM
3\"/>

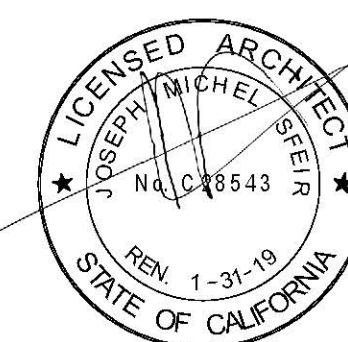


3 CEILING SUPPORT (PARALLEL)
12\"/>

TCMC ANGIO
TO CATH LAB
RENOVATION

TRI-CITY MEDICAL
CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA
92056

OWNER: TRI-CITY MEDICAL CENTER
5151 SHOREHAM PLACE, SUITE 100
SAN DIEGO, CALIFORNIA 92122
TEL: 619-299-3917 FAX: 619-299-5084
ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PLACE, SUITE 100
SAN DIEGO, CALIFORNIA 92122
TEL: 619-299-3917 FAX: 619-299-5084
STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.
2091 LAS PALMAS DRIVE, SUITE D
CARLSBAD, CALIFORNIA 92011
TEL: 760-438-1188
ME&P: P2S
9865 CHESAPEAKE, SUITE 230
SAN DIEGO, CALIFORNIA 92123
TEL: 619-618-2347



REV.	DESCRIPTION	DATE
1	DESIGN CHANGES	1/30/17
2	OSHPD COMMENTS	8/14/17
3	OSHPD COMMENTS	10/02/17
4	DESIGN CHANGES	11/03/17
5		
6		
7		
8		

REV: DESCRIPTION: DATE:
CONSULTANT

OSHPD APPROVAL STAMP:
OSHPD # S170603-37-00



PROJECT TITLE:
TCMC ANGIO TO CATH LAB
RENOVATION

SHEET TITLE:
LAY IN CEILING DETAILS

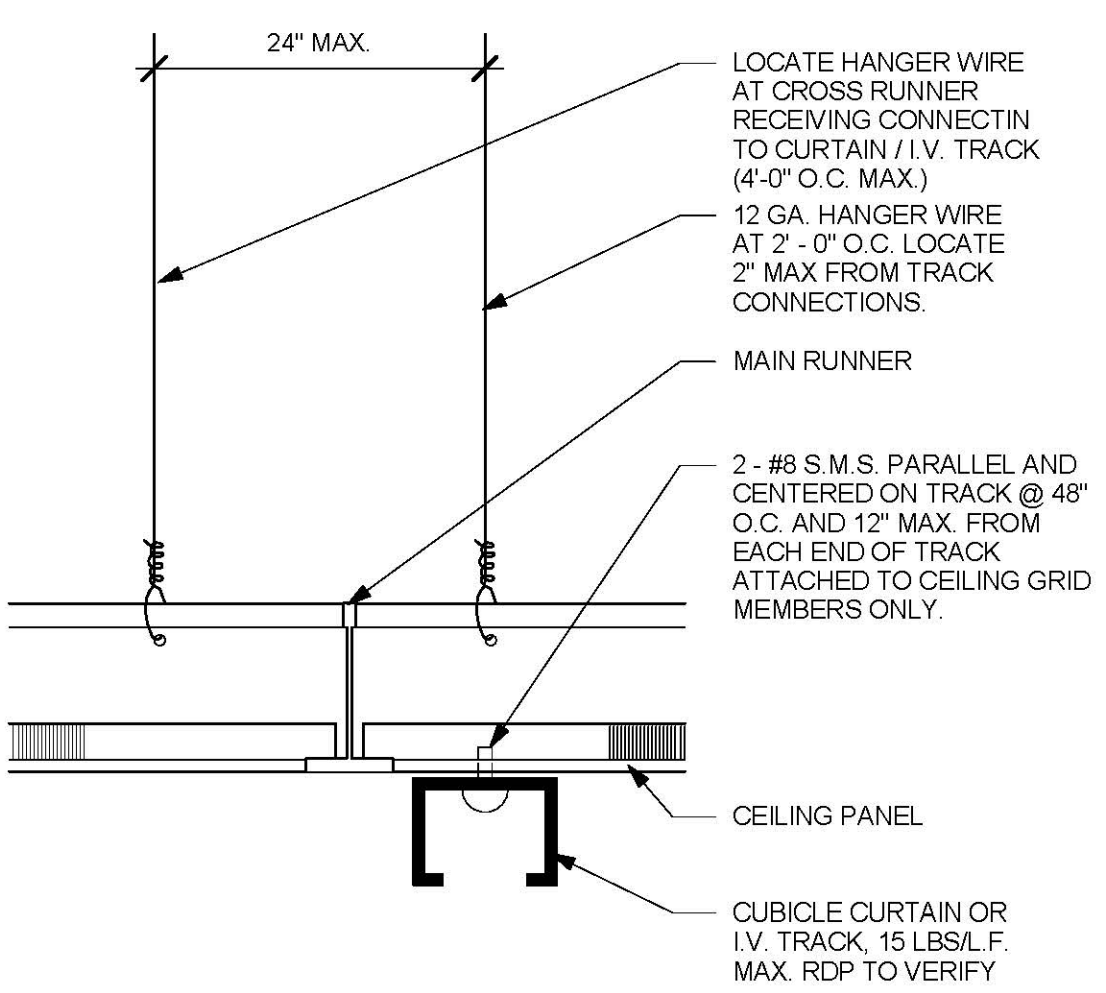
PROJECT #:
11/29/2017 08:44:43 AM
11/29/2017 08:44:43 AM
#170603-37-001

PROJECT #:
11/29/2017 08:44:43 AM
11/29/2017 08:44:43 AM
#170603-37-001

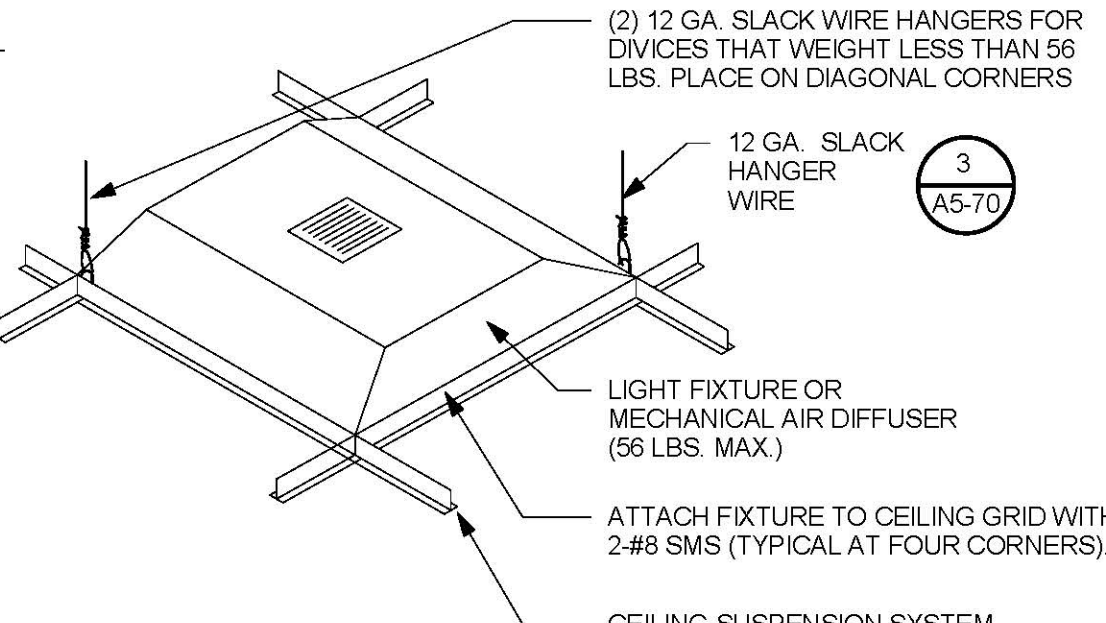
A5-70

GENERAL NOTES LAY-IN CEILING:

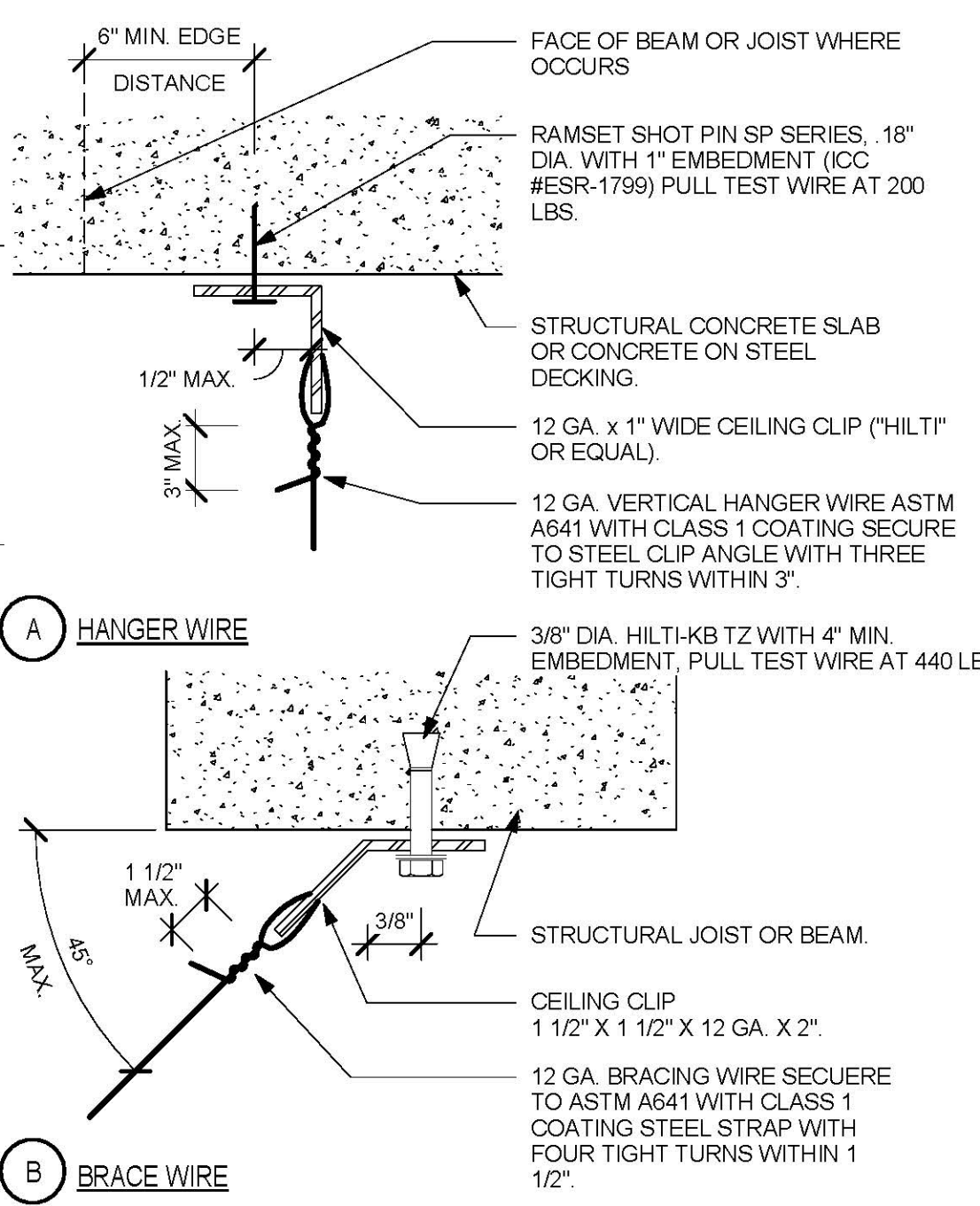
- 1. CONSTRUCTION, WORKMANSHIP AND MATERIAL SHALL CONFORM TO THE 2016 CALIFORNIA BUILDING STANDARDS CODE (CBCS 2016).
- 2. THE CONTRACTOR SHALL NOTIFY OSHPD AND THE REGISTERED DESIGN PROFESSIONAL (RDP) IN RESTORATION CHARGE WHERE A CONFLICT OR DISCREPANCY OCCURS BETWEEN THE CONSTRUCTION DRAWINGS AND ANY OTHER PORTION OF THE CONSTRUCTION DOCUMENTS, FIELD CONDITIONS, OR WHERE ANY CONDITIONS ARISE NOT COVERED BY THESE DOCUMENTS WHEREIN WORK WILL NOT COMPLY WITH CODE REQUIREMENTS.
- 3. THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO CONSTRUCT THE HOSPITAL BUILDING IN ACCORDANCE WITH THE CALIFORNIA BUILDING STANDARD CODE, 2016 (CBCS 2016), SHOULD ANY CONDITION DEVELOP NOT COVERED BY THE APPROVED CONSTRUCTION DOCUMENTS WHEREIN THE WORK WILL NOT COMPLY WITH CBCS 2016, A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY OSHPD BEFORE PROCEEDING WITH THE WORK.
- 4. GALVANIZED METAL STUDS, TRACKS AND SHEET STEEL SHALL CONFORM TO ASTM A653-11 MATERIAL, OR OTHER EQUIVALENT ASTM LISTED MATERIALS IN SECTION A2.1 OF THE AISI S100-07/52-10, NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS WITH SUPPLEMENT 2, DATED 2010, WITH A MINIMUM YIELD STRENGTH OF 33 KSI FOR 43 MIL (18 GAGE) AND LIGHTER AND MINIMUM YIELD STRENGTH OF 50 KSI FOR HEAVIER GAGES. METAL STUDS AND TRACKS SHALL BE OF SIZE, THICKNESS AND SECTION PROPERTIES SHOWN ON TABLES 1.1, 1.2 AND 1.3 OF THE AISI MANUAL, COLD-FORMED STEEL DESIGN, 2008 EDITION. THE RDP IN RESPONSIBLE CHARGE SHALL OBTAIN OSHPD APPROVAL FOR ANY SUBSTITUTIONS.
- 5. ELECTRICAL METALLIC TUBE (EMT) SHALL BE ANSI O80 3/4 797 CARBON STEEL WITH C50 GALVANIZING WITH MINIMUM YIELD STRENGTH OF (Fy =) 30 KSI AND MINIMUM ULTIMATE STRENGTH OF (Fu =) 48 KSI.
- 6. SELECTED FASTENER CAPACITIES SHALL MATCH OR EXCEED THE STRENGTHS LISTED HEREIN. THE FOLLOWING REQUIREMENTS SHALL ALSO BE MET:
 - a. SHEET METAL SCREWS SHALL COMPLY WITH ASTM C 1513-10, ASME B18.6.4-98 (R2005) AND ICC-ES AC 118. PENETRATION OF SCREWS THROUGH JOINED MATERIAL SHALL NOT BE LESS THAN THREE EXPOSED THREADS.
 - b. WELDING SHALL BE IN ACCORDANCE WITH AWS D1.3 USING E60XX SERIES ELECTRODES. FIELD WELDING SHALL HAVE SPECIAL INSPECTION IN ACCORDANCE WITH 2016 CBC SECTION 1705A.2.
 - c. POST-INSTALLED ANCHORS (E.G. EXPANSION ANCHORS, SCREW ANCHORS AND POWER ACTUATED FASTENERS) SHALL HAVE SPECIAL INSPECTION AND TESTING IN ACCORDANCE WITH THE 2016 CBC SECTIONS 1705A.3 & 1913A.7 FOR QUALIFICATION, DESIGN AND USE OF POST-INSTALLED ANCHORS IN CONCRETE. SEE THE 2016 CBC SECTIONS 1616A.1.19 AND 1908A.1.1. LISTING OF CURRENT ICC-ES EVALUATION REPORTS (OR REPORTS FROM OTHER TESTING AGENCIES ACCEPTABLE TO OSHPD) SHALL BE REQUIRED FOR FASTENER USED.
 - d. POWER-ACTUATED FASTENERS (PAF), POWDER DRIVEN FASTENERS (PDF), POWER DRIVEN PINS (PDP) AND SHOT PINS ALL REPRESENT THE SAME FASTENER AND WILL HEREAFTER BE REFERRED TO AS POWER ACTUATED FASTENERS (PAF). PAFs SHALL SATISFY THE CURRENT ACTO ACCEPTANCE CRITERIA FOR FASTENERS POWER DRIVEN INTO CONCRETE, STEEL AND MASONRY ELEMENTS AND THE 2016 CBC SECTION 1908A.1.1. LISTING OF CURRENT ICC-ES EVALUATION REPORTS (OR REPORTS FROM OTHER TESTING AGENCIES ACCEPTABLE TO OSHPD) SHALL BE REQUIRED FOR FASTENERS USED.
 - e. FOR PAF INSTALLED IN STEEL, THE FASTENER DRIVEN THROUGH THE STEEL MEMBER, EXCEPT AS NOTED IN CURRENT REPORTS FROM TESTING AGENCIES ACCEPTABLE TO OSHPD.
- 7. DESIGN CRITERIA
 - a. BUILDING CODE: 2016 CALIFORNIA BUILDING CODE (2016 CBC), ASCE 7-10, AISI S100-07/52-10, ASTM E580-11B, C635-12, AND C636-08. FOR LOAD COMBINATIONS, ALLOWABLE STRESS DESIGN SHALL BE IN ACCORDANCE WITH 2016 CBC SECTION 1606A.3.1.
 - b. FASTENER CAPACITIES TABLES WERE DEVELOPED BASED ON ICC REPORTS BY SEVERAL MANUFACTURERS.
 - c. THE DESIGN ASSUMES THAT BUILDING ELEMENTS AND SUPPORTS, TO WHICH THE COMPONENTS ADDRESSED IN THIS DOCUMENT ARE ANCHORED, HAVE SUFFICIENT CAPACITY TO CARRY THE LOADS IMPOSED BY THE COMPONENTS IN COMBINATION WITH ALL OTHER LOADS. EVALUATION OF THE CAPACITY OF THESE SUPPORTING BUILDING ELEMENTS IS BEYOND THE SCOPE OF THE OPD.
 - d. DESIGN IS LIMITED TO CEILING ASSEMBLIES HAVING MAXIMUM DEAD WEIGHT OF 4 PSF, INCLUDING LIGHTING FIXTURES (LUMINARIES) AND MECHANICAL SERVICES, EACH WEIGHING LESS THAN 56 LBS AND ATTACHED TO CEILING FRAMING SYSTEM, HEAVIER SYSTEM AND THOSE SUPPORTING LATERAL FORCES FROM PARTITION WILL REQUIRE PROJECT SPECIFIC DESIGN.
- 8. THE RDP IN RESPONSIBLE CHARGE SHALL VERIFY THE FIRE RESISTANCE AND ACOUSTICAL RATINGS FOR ALL CEILING ASSEMBLIES.
- 9. "CEILING WIRE" SHALL CONFORM WITH GALVANIZED SOFT ANNEALED MILD STEEL WIRE AS DEFINED IN ASTM A641 (CLASS 1 COATING) WITH 70 KSI MINIMUM TENSILE STRENGTH:
 - a. FOUR (4) TWISTS OF WIRE WITHIN 1 1/2" DEVELOPS THE ALLOWABLE LOAD FOR THE WIRE.
 - b. THREE (3) TWISTS WITHIN 3" MAY BE USED TO DEVELOP THE MAXIMUM 50% OF ALLOWABLE LOAD.
- 10. SUSPENSION SYSTEM COMPONENTS SHALL COMPLY WITH ASTM C635 AND E580 SECTION 5.1:
 - a. THE CEILING GRID SYSTEM SHALL BE RATED HEAVY DUTY AS DEFINED BY ASTM C635.
 - b. HANGER AND BRACING WIRES SHALL BE #12 GAGE (0.106" DIAMETER), SOFT ANNEALED, AND GALVANIZED STEEL WIRES WITH CLASS 1 COATING. THEY MAY BE USED FOR UP TO AND INCLUDING 4'-0" X 4'-0" GRID SPACING ALONG AND ATTACHED TO MAIN RUNNERS. SPLICES ARE NOT PERMITTED IN ANY HANGER WIRE.
 - c. MAIN RUNNERS AND CROSS RUNNERS ALONG WITH THEIR SPLICES, INTERSECTION CONNECTORS, AND EXPANSION DEVICES SHALL BE DESIGNED AND CONSTRUCTED TO CARRY A MEAN ULTIMATE TEST LOAD OF NOT LESS THAN 180 LBS. IN COMPRESSION & TENSION, IN ACCORDANCE WITH ASTM 880 SECTION 5.1.2.
- 11. SUSPENSION SYSTEM INSTALLATION, SHALL COMPLY WITH ASTM C636 AND E580 SECTION 5.2:
 - a. 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.
 - b. CEILING GRID MEMBERS SHALL BE ATTACHED TO TWO (2) ADJACENT WALLS, IN ACCORDANCE WITH ASTM E580 SECTION 5.2.3. CEILING GRID MEMBERS SHALL BE AT LEAST 3/4" INCH CLEAR OF OTHER WALLS. IF WALLS RUN DIAGONAL TO THE CEILING GRID SYSTEM RUNNERS, ONE END OF MAIN AND CROSS RUNNERS SHOULD BE FREE, AND A MINIMUM OF 3/4" INCH CLEAR OF WALL.
 - c. THE WIDTH OF THE PERIMETER SUPPORTING CLOSURE ANGLE SHALL BE NOT LESS THAN TWO (2) INCHES. USE OF ANGLES WITH SMALLER WIDTHS IN CONJUNCTION WITH PERIMETER CLIPS SHALL REQUIRE AN ALTERNATE METHOD OF COMPLIANCE WITH ADEQUATE JUSTIFICATION.
 - d. AT THE PERIMETER OF THE CEILING AREA WHERE MAIN OR CROSS RUNNERS ARE NOT CONNECTED TO THE ADJACENT WALL, PROVIDE INTERCONNECTION BETWEEN THE RUNNERS AT THE FREE END TO PREVENT LATERAL SPREADING. A NAIL STRUT OF #16 GAGE WIRE WITH A POSITIVE MECHANICAL CONNECTION TO RUNNER MAY BE USED, WHERE THE PERPENDICULAR DISTANCE FROM THE WALL TO THE FIRST PARALLEL RUNNER IS EIGHT (8) INCHES OR LESS, THIS INTERCONNECTION IS NOT REQUIRED.
- 12. EXPANSION JOINTS, SEISMIC SEPARATIONS, AND PENETRATIONS:



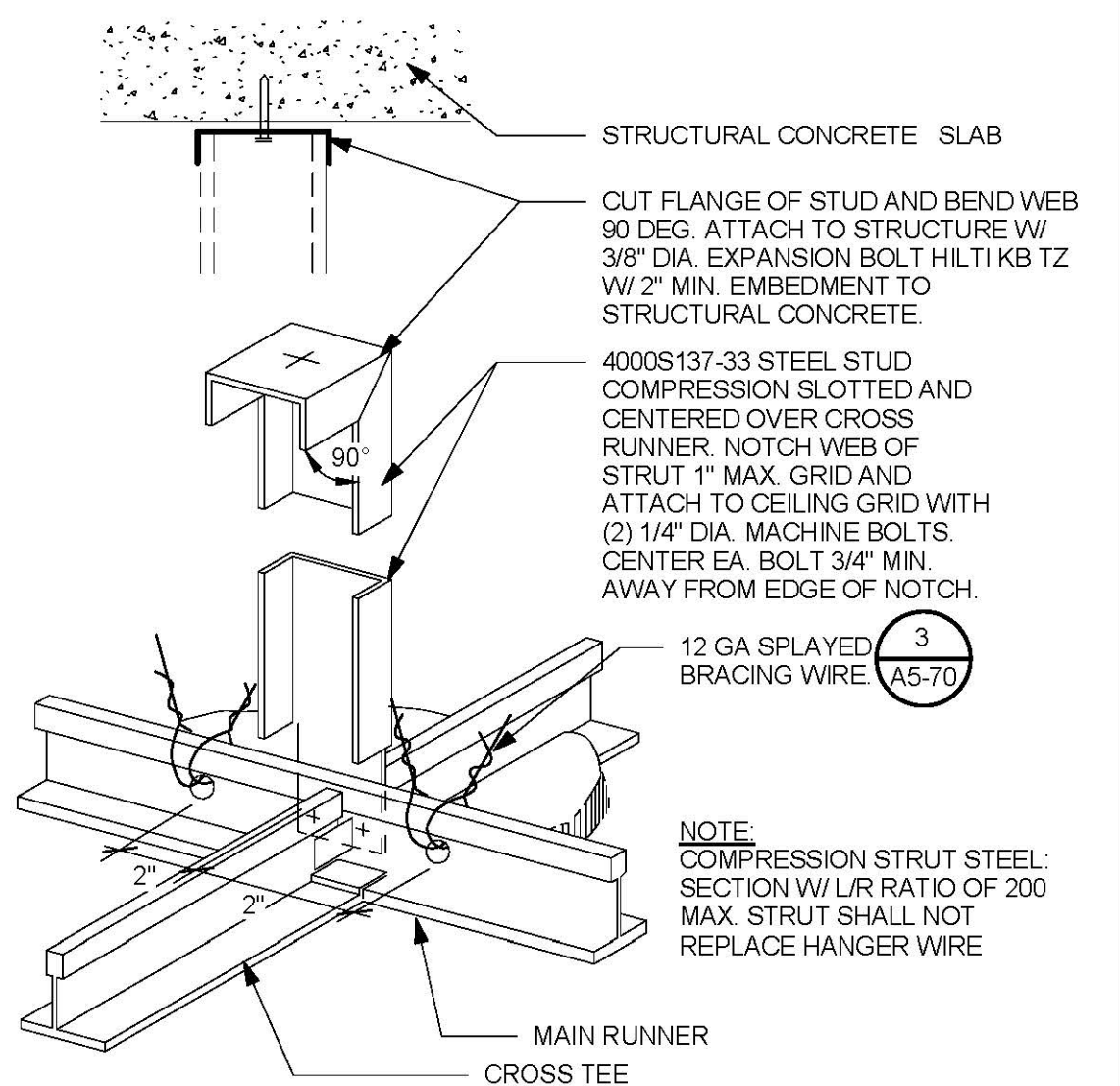
9 CURTAIN TRACK AT CEILING GRID
12\"/>



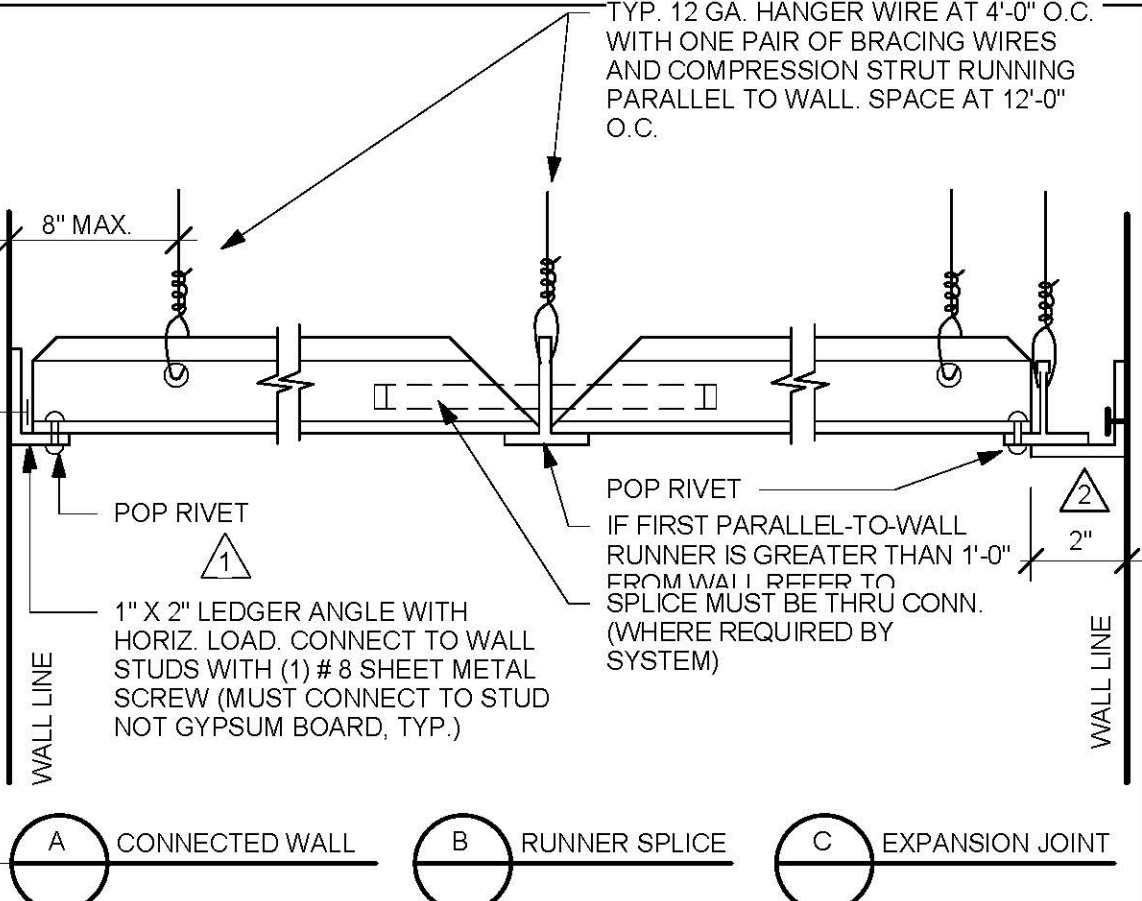
6 FIXTURE SUSPENSION
12\"/>



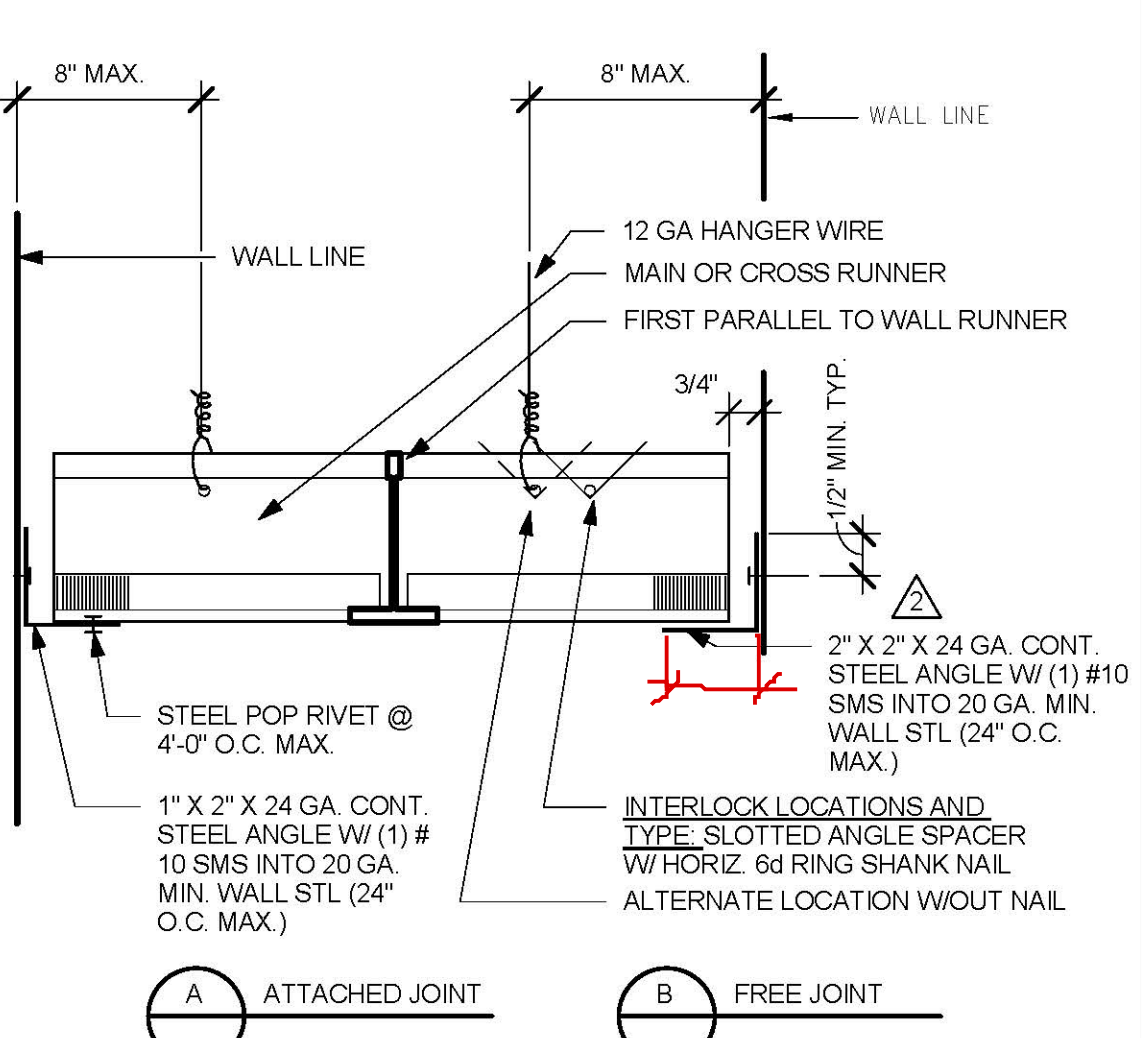
3 SUSPENSION WIRE CONNECTION @ CONC. DECK
12\"/>



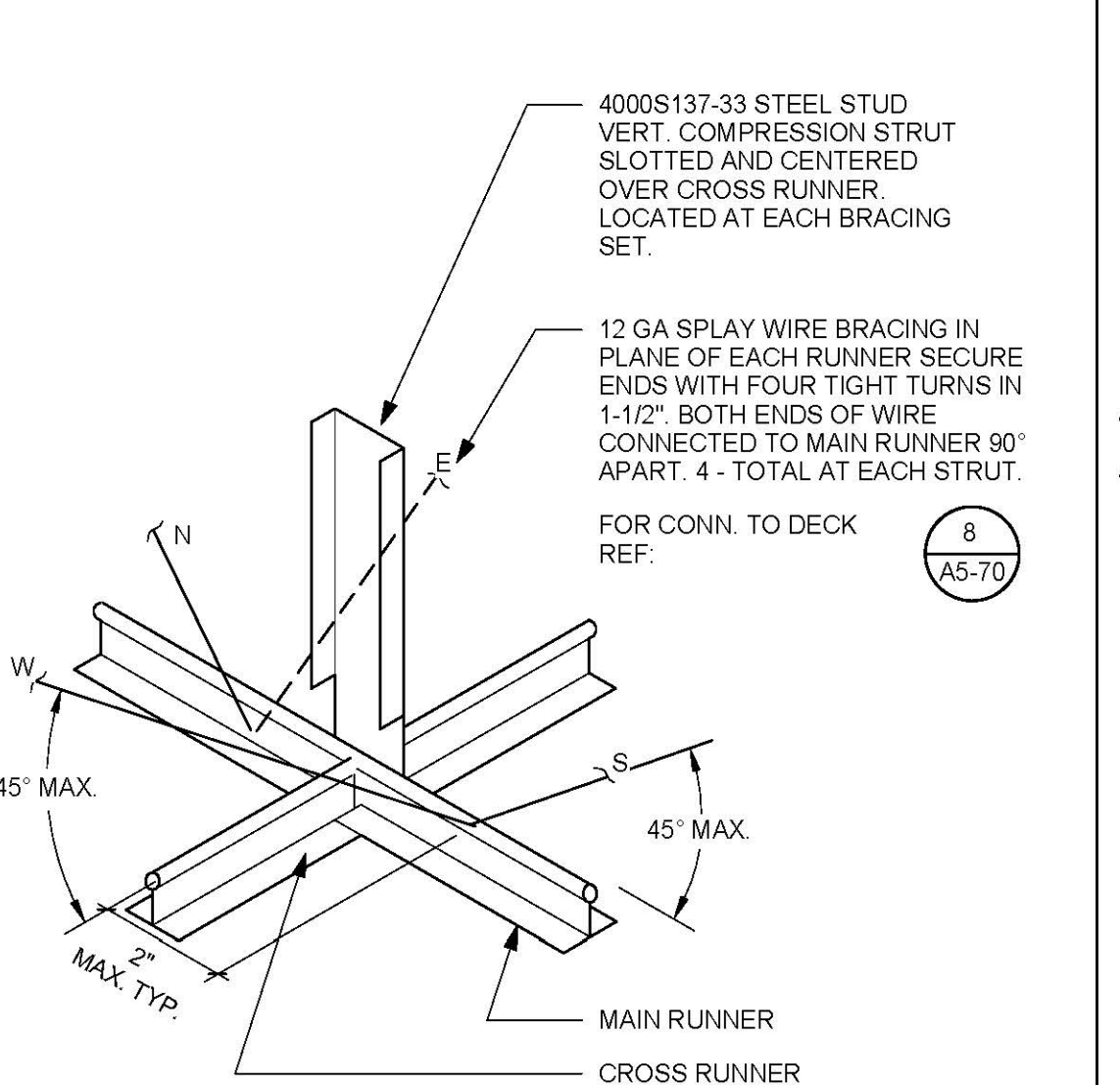
8 VERTICAL COMPRESSION STRUT
12\"/>



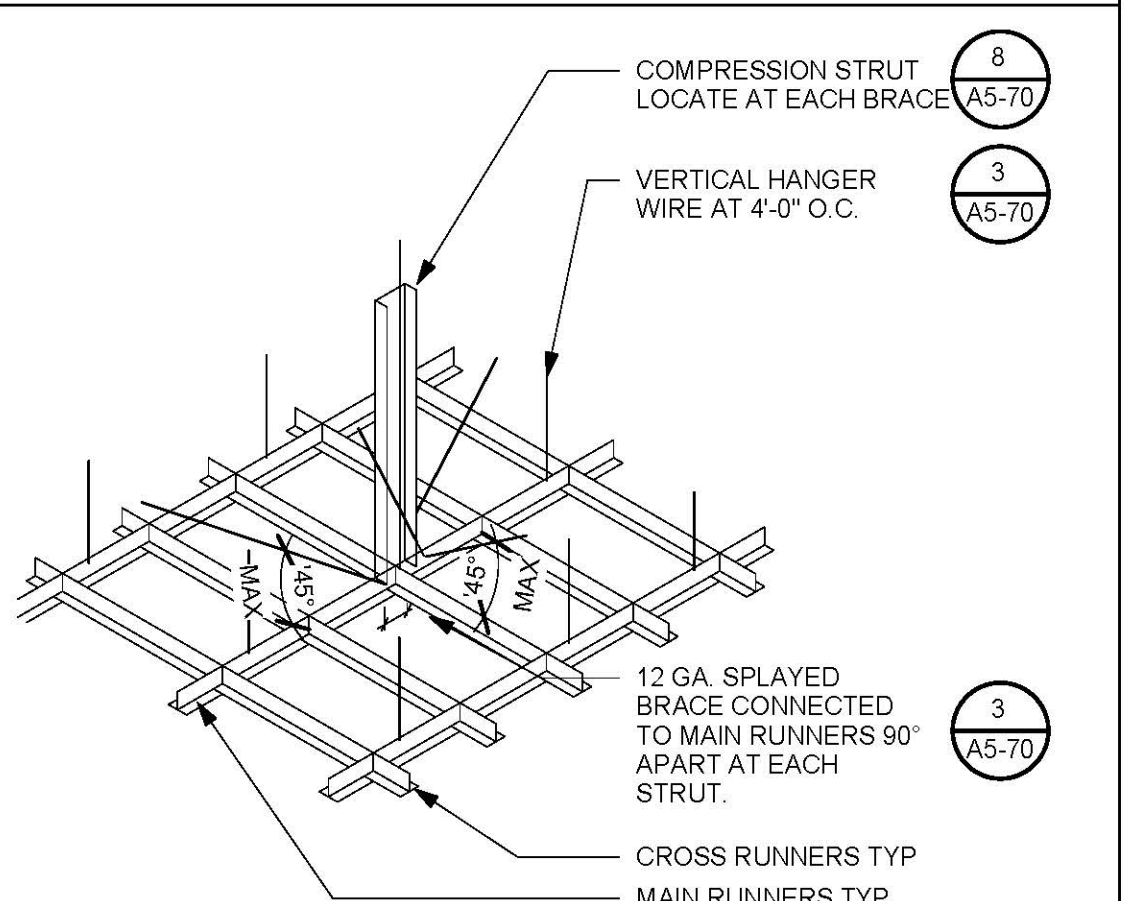
5 SECT. ACROSS COORIDOR AT EXP. JT.
12\"/>



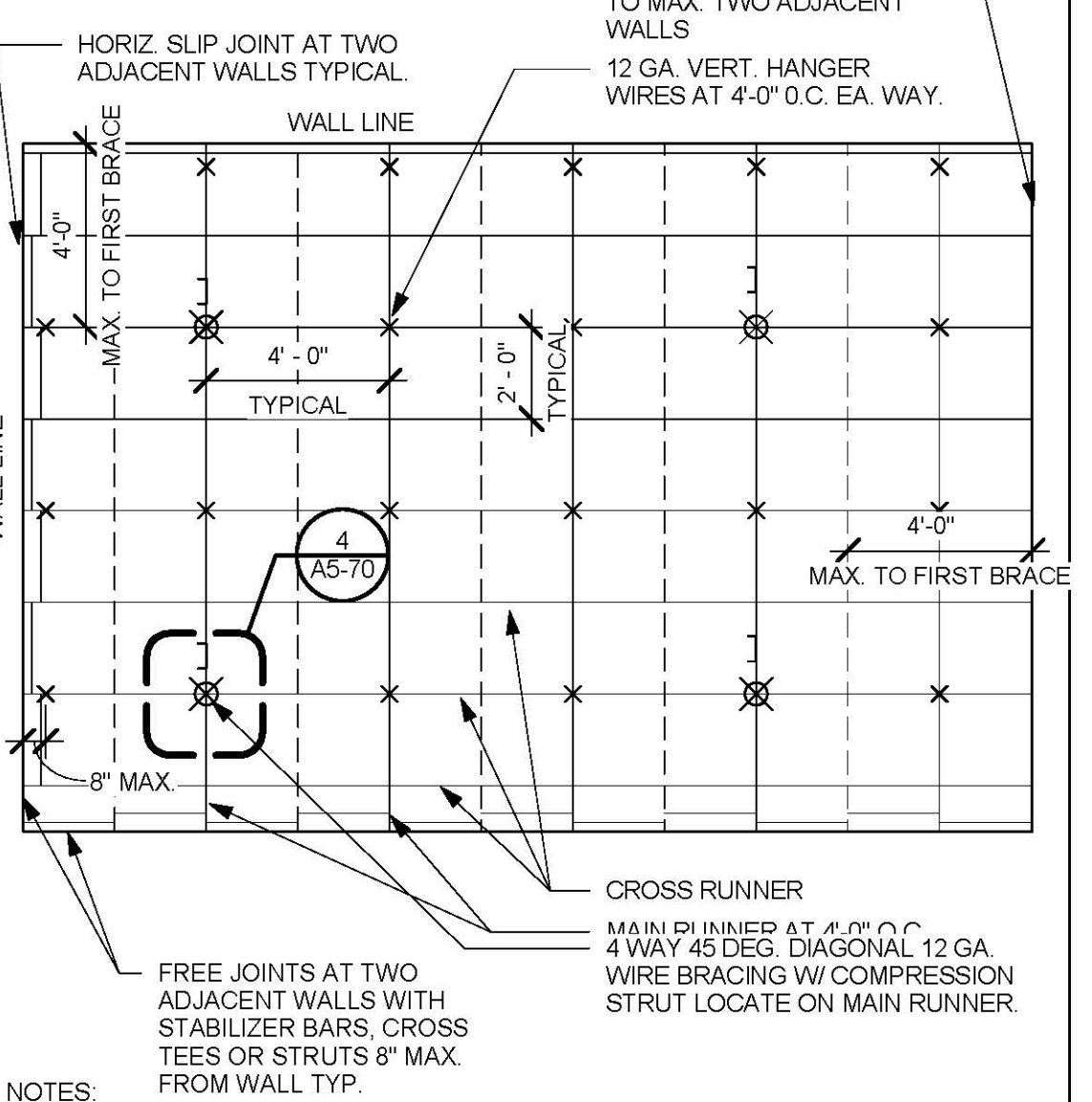
2 HORIZONTAL SLIP JOINT
12\"/>



7 SWAY BRACE CONNECTION - LAY IN CEILING
12\"/>



4 CEILING GRID ATTACHMENT - LAY IN PANEL CEILING
12\"/>



1 DIAGRAMMATIC CEILING PLAN-LAY IN CEILING
1 1/4\"/>

TCMC ANGIO TO CATH LAB RENOVATION

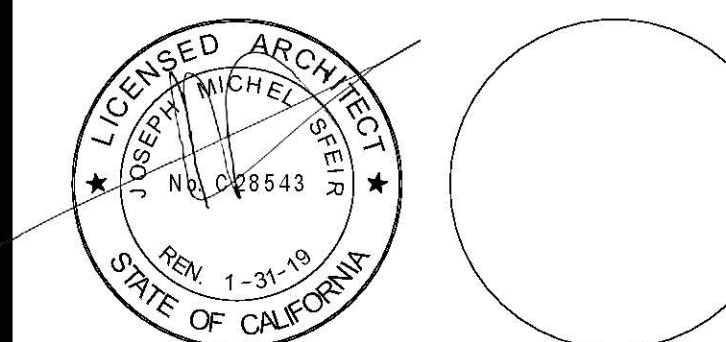
TRI-CITY MEDICAL
CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA
92056

OWNER: TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056
TEL(760)724-8411

ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PLACE, SUITE 100
SAN DIEGO, CALIFORNIA 92122
TEL(619)299-3917 FAX(619)299-5084

STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.
2091 LAS PALMAS DRIVE, SUITE D
CARLSBAD, CALIFORNIA 92011
TEL(760)438-1188

ME&P: P2S
9865 CHESAPEAKE, SUITE 230
SAN DIEGO, CALIFORNIA 92123
TEL(619)618-2347



DESIGN CHANGES	1/30/17
OSHPD COMMENTS	8/14/17
OSHPD COMMENTS	10/02/17
DESIGN CHANGES	11/03/17

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD #: S170603-37-00



11/29/2017 08:44:43 AM
#S 70603-37-00

SHEET TITLE:
DETAILS

PROJECT TITLE:
TCMC ANGIO TO CATH LAB
RENOVATION

PROJECT #: 01608.00
DRAWN BY: Author
CHECKED BY: Checker
SCALE: As indicated
DATE: 10/10/16

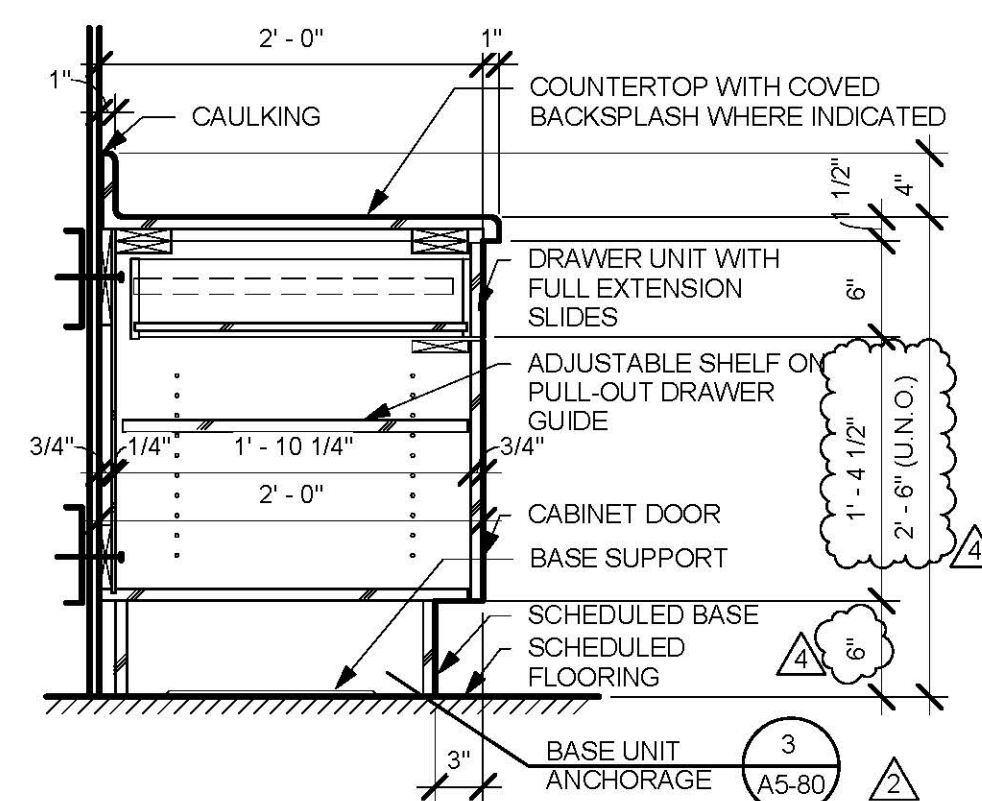
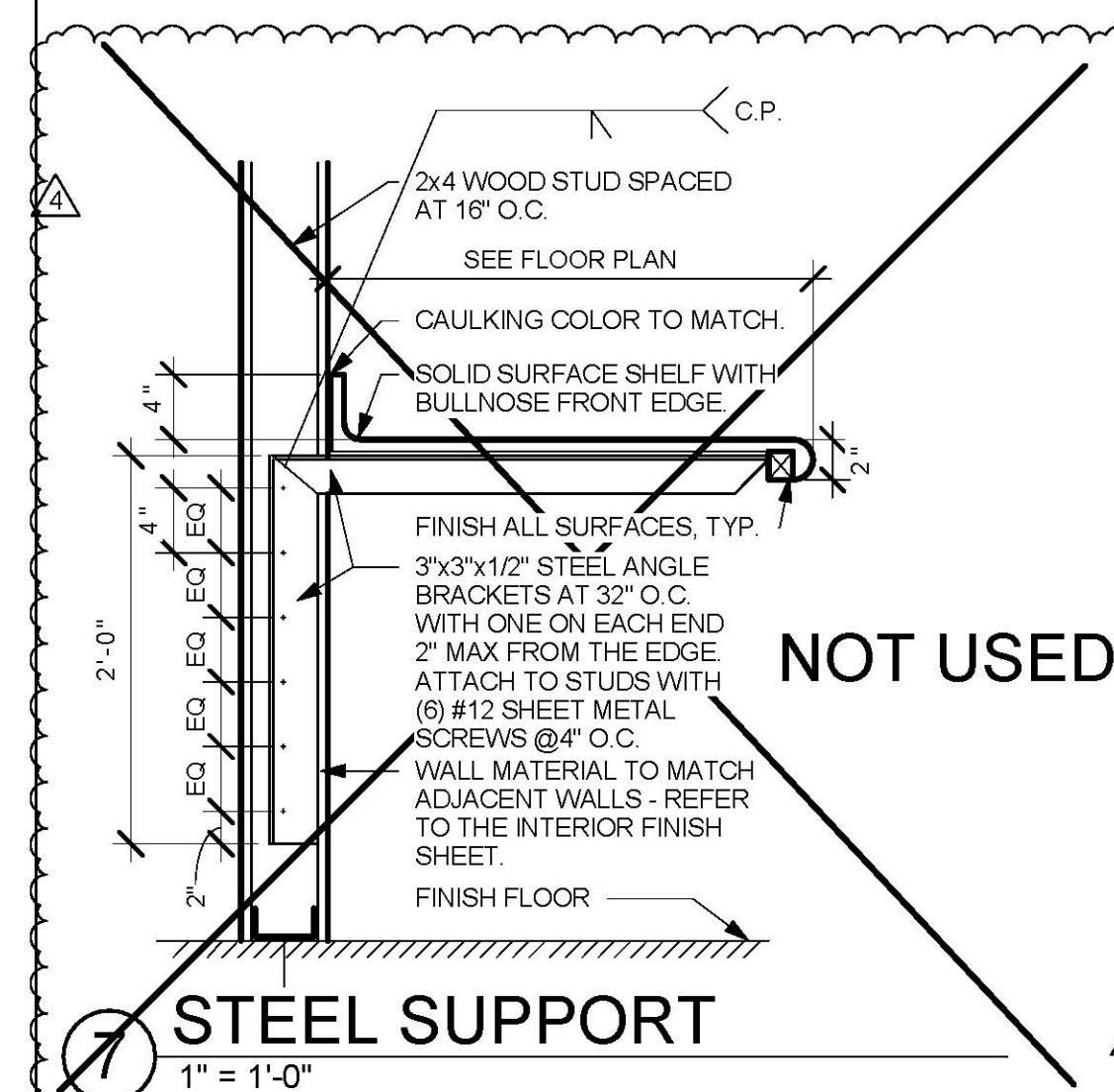
A5-80

GENERAL NOTES:

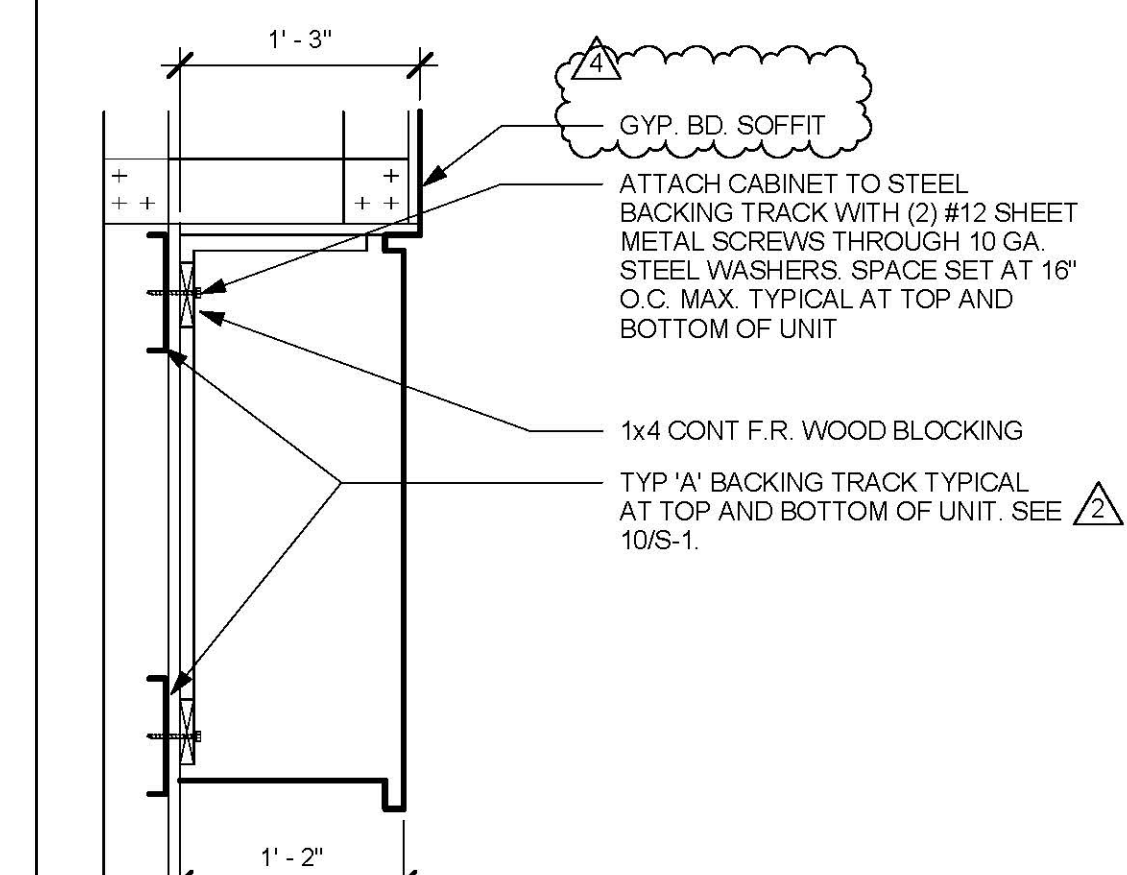
- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
- REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
- FIRE-RESISTANT RATED WALLS AND CEILINGS SHALL BE REPAIRED OR PATCHED TO MATCH THE EXISTING RATED CONDITION IN ORDER TO MAINTAIN THE CONTINUITY OF THE RATED WALL OR CEILING SYSTEM.

MILLWORK GENERAL NOTES:

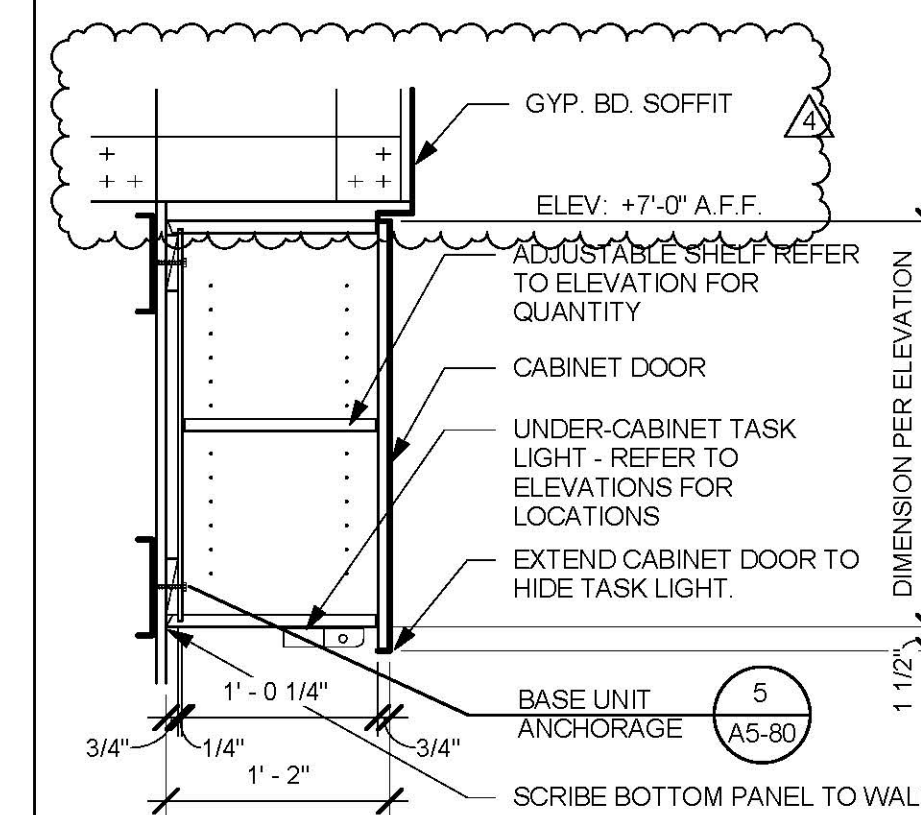
- ALL CASEWORK SHALL BE "CUSTOM" GRADE AS DEFINED BY THE WOODWORK INSTITUTE OF CALIFORNIA.
- FINISH ALL EXPOSED AND SEMI-EXPOSED SURFACES OF CASEWORK INCLUDING THE INTERIOR OF OPEN CASEWORK AND SHELVING WITH PLASTIC LAMINATE. ALL COUNTERTOPS SHALL SOLID SURFACE.
- BASES ON CASEWORK SHALL BE 6" UNLESS OTHERWISE NOTED. PROVIDE SAME FINISH BASE MATERIAL AS ADJACENT WALLS. EXTEND BASE TO WALL AT ALL CABINET RETURNS AND END PANELS.
- IN CASES OF CABINET INSTALLATIONS BETWEEN WALLS, VERIFY DIMENSIONS IN FIELD AND PROVIDE FILLER PANEL STRIPS AT ENDS OR REDUCE END CABINETS WIDTH AS REQUIRED TO FIT SPACE AS INDICATED.
- ALL CABINET DOORS AND DRAWERS SHALL HAVE PULLS. UPPER AND LOWER CABINET DOORS AND FULL HEIGHT CABINETS SHALL HAVE PULLS MOUNTED VERTICALLY. DRAWERS SHALL HAVE HORIZONTAL PULLS.
- ALL FILE DRAWERS SHALL BE SIZED FOR 8 1/2" x 11" FORMS. PROVIDE FILE RODS EXTENDING FRONT TO BACK OF DRAWER UNIT. TYPICAL.
- COORDINATE HEIGHT AND LOCATION OF BACKING PLATES FOR CASEWORK WITH STUD FRAMING CONTRACTOR. REF ALSO TO DETAIL 10 ON SHEET S-1 FOR FURTHER INFO.
- GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS OF ROUGH OPENINGS AND COORDINATE WORKMAN FOR ALL EQUIPMENT CLEARANCES PRIOR TO PREPARING SHOP DRAWINGS AND FABRICATION.



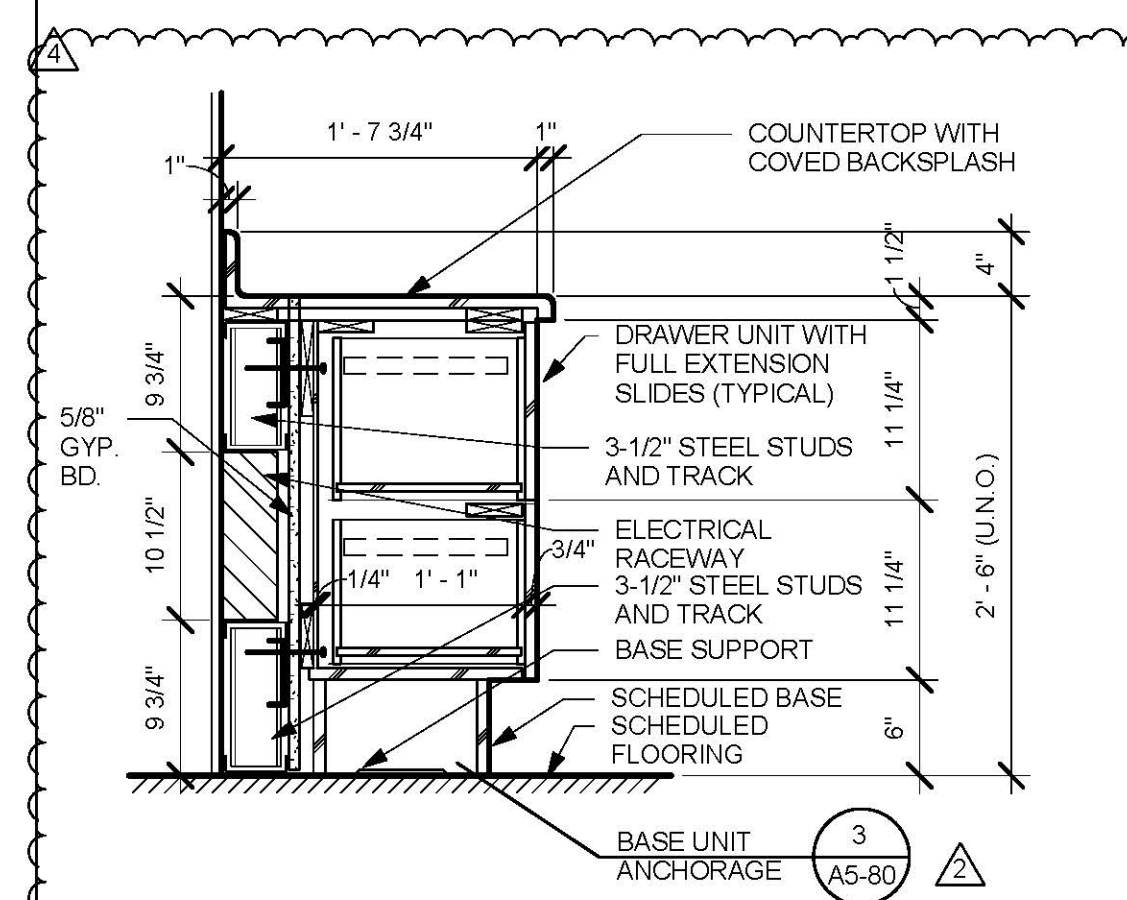
4 TYPICAL BASE CABINET UNIT
1" = 1'-0"



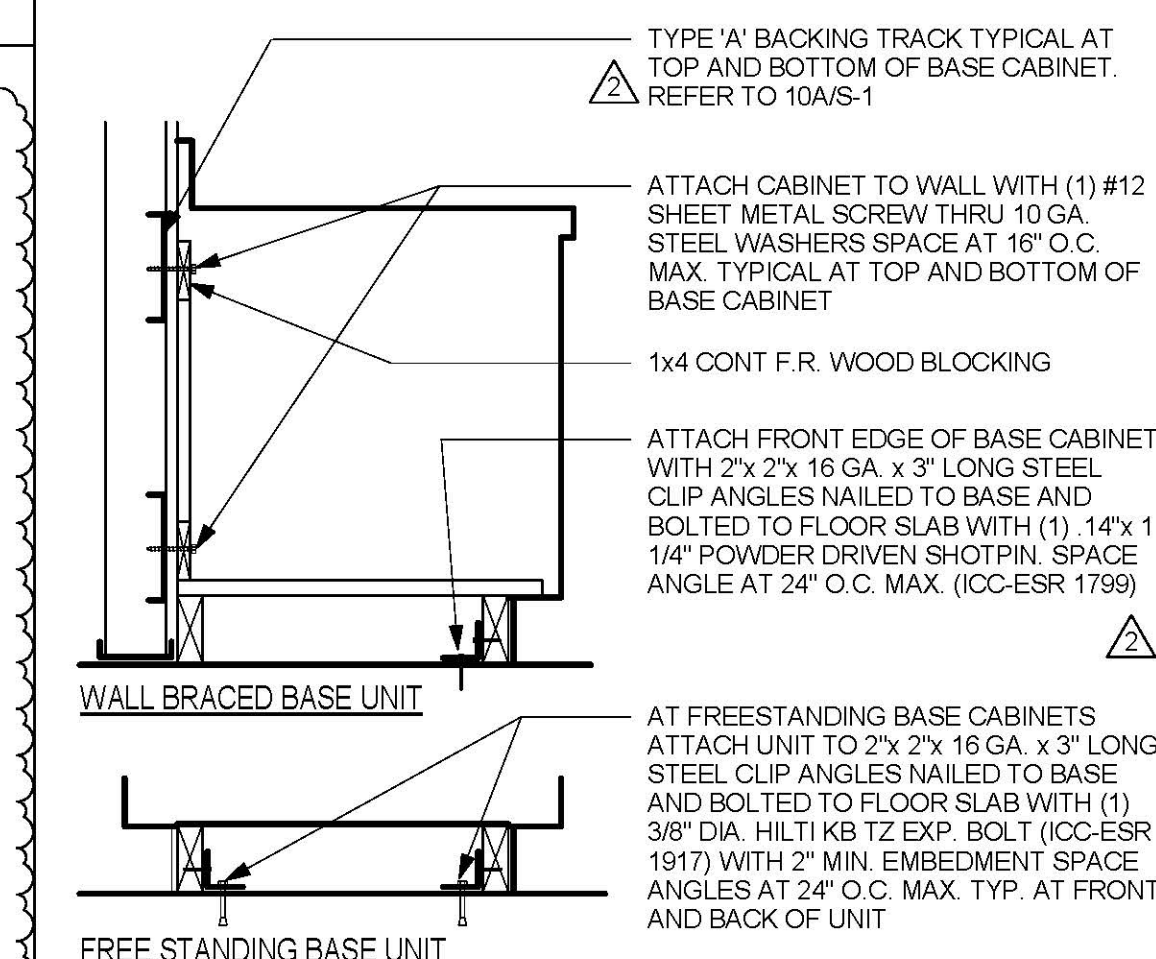
5 UPPER CABINET ANCHORAGE
1" = 1'-0"



6 TYP. UPPER CABINET - CLOSE
1" = 1'-0"



2 BASE CABINET WITH DRAWERS
1" = 1'-0"



3 BASE CABINET ANCHORAGE
1" = 1'-0"

TCMC ANGIO TO CATH LAB RENOVATION

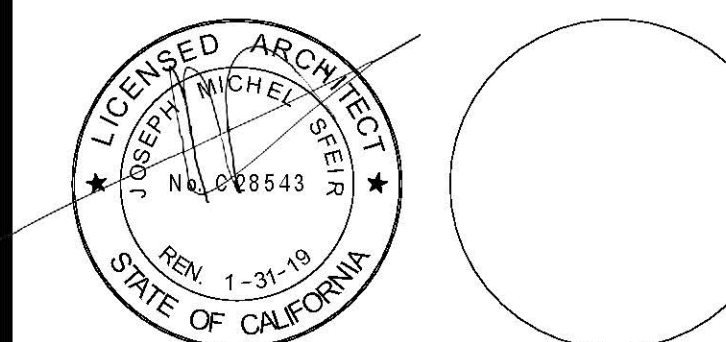
TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056

OWNER: TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056
TEL(760)724-8411

ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PLACE, SUITE 100
SAN DIEGO, CALIFORNIA 92122
TEL(619)299-3917 FAX(619)299-5084

STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.
2091 LAS PALMAS DRIVE, SUITE D
CARLSBAD, CALIFORNIA 92011
TEL(760)438-1188

ME&P: P2S
9865 CHESAPEAKE, SUITE 230
SAN DIEGO, CALIFORNIA 92123
TEL(619)618-2347



DESIGN CHANGES	1/30/17
OSHPD COMMENTS	8/14/17
OSHPD COMMENTS	10/02/17
DESIGN CHANGES	11/03/17

REV:	DESCRIPTION:	DATE:
CONSULTANT		

OSHPD APPROVAL STAMP:
OSHPD #: S170603-37-00



11/29/2017 08:44:43 AM
#S 70603-37-00

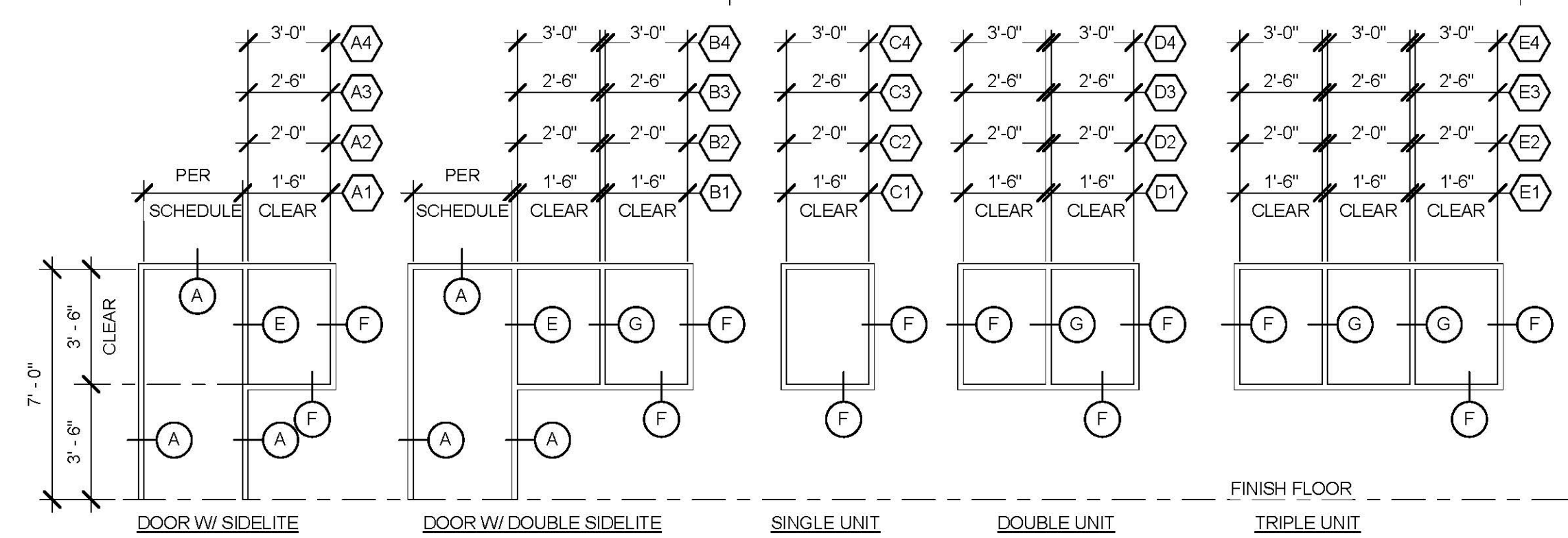
SHEET TITLE:
DOOR AND INTERIOR OPENINGS SCHEDULE

PROJECT TITLE:
TCMC ANGIO TO CATH LAB RENOVATION

PROJECT #: 01608.00
DRAWN BY: _____
CHECKED BY: _____
SCALE: As indicated
DATE: 10/10/16

A6-00

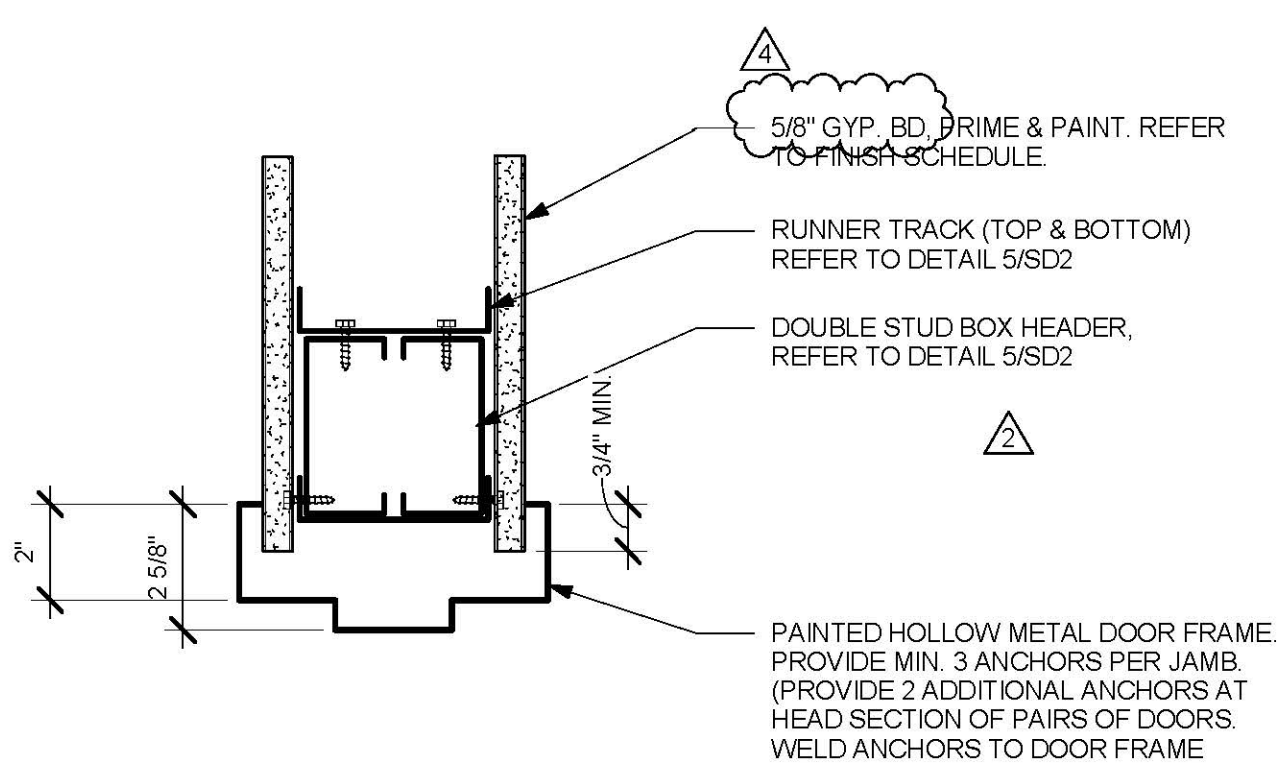
OPNG. NO.	DOOR AND FRAME SCHEDULE												NOTES:	
	DOOR				FRAME				DETAILS					
	TYPE	(W)	(H)	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	HEAD	JAMB	THRESHOLD	LABEL		HDWR. SET
4A	1A	(2) 3'-0"	7'-0"	SCWD	PL	4A	STEEL	PTD	6	5	N/A	NR	01	①②③ ②③
4B	1A	3'-0"	7'-0"	SCWD	PL	4A	STEEL	PTD	6	5	N/A	NR	02	



3 FRAME ELEVATIONS

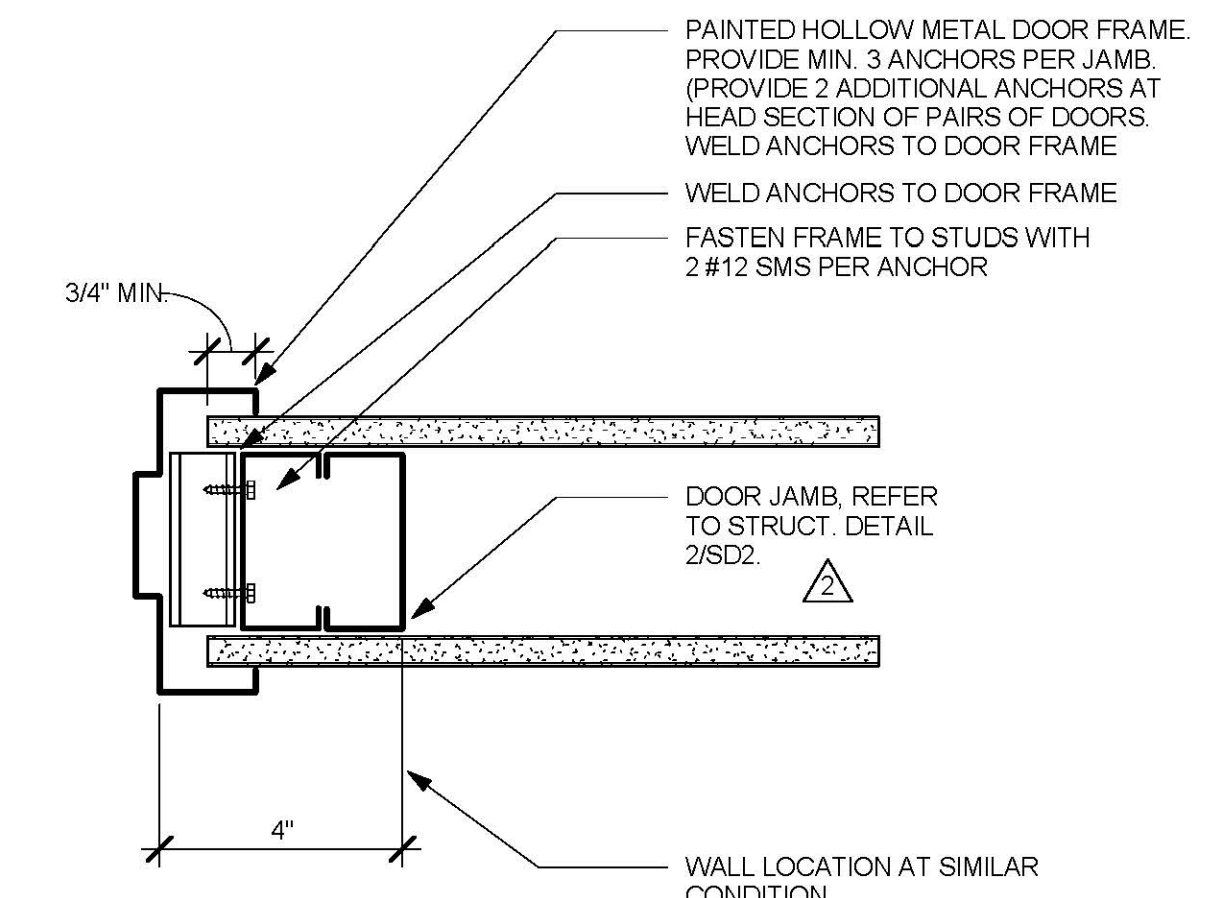
1/4" = 1'-0"

- NOTES:
1. GLAZE WINDOWS WITH 1/4" POLISHED WIRE GLASS IN PAINTED STEEL FRAME. SET ALL GLAZING STOPS ON CORRIDOR SIDE OF FRAME. REFER TO DETAIL 8 THIS SHEET FOR FRAMES.
2. REFER TO DETAIL 8 THIS SHEET FOR FRAMES.



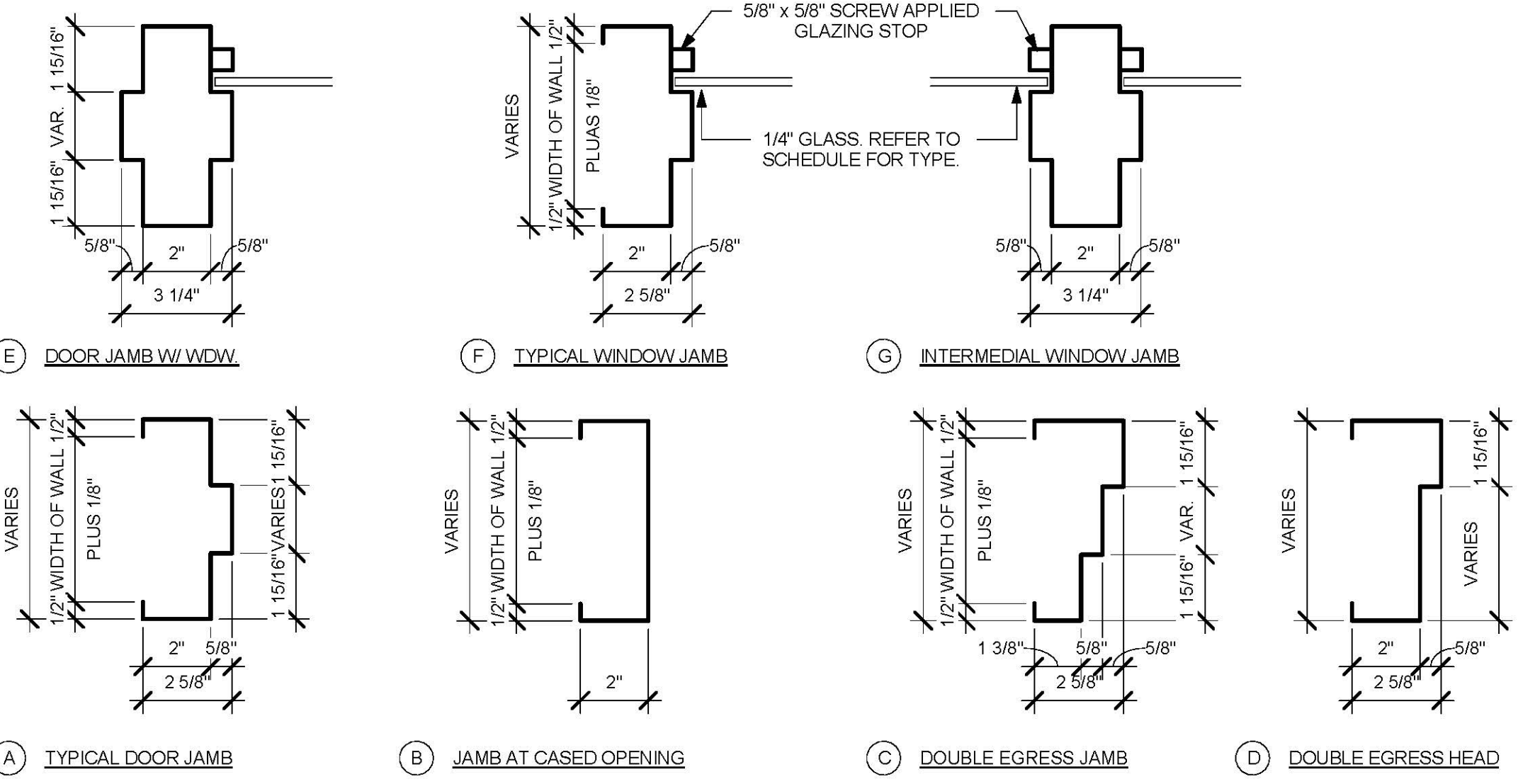
6 TYPICAL DOOR HEADER

3" = 1'-0"



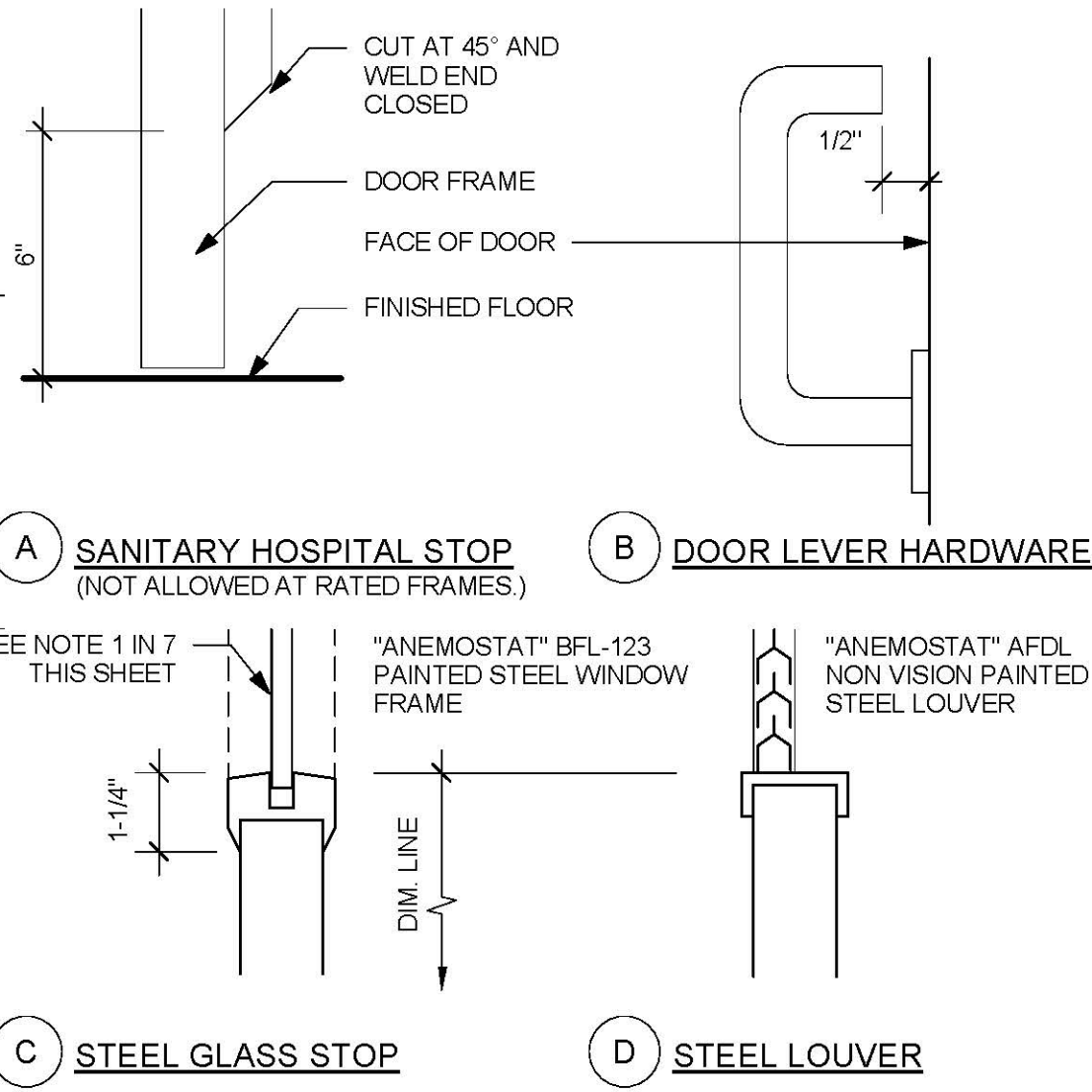
5 TYPICAL DOOR JAMB

3" = 1'-0"



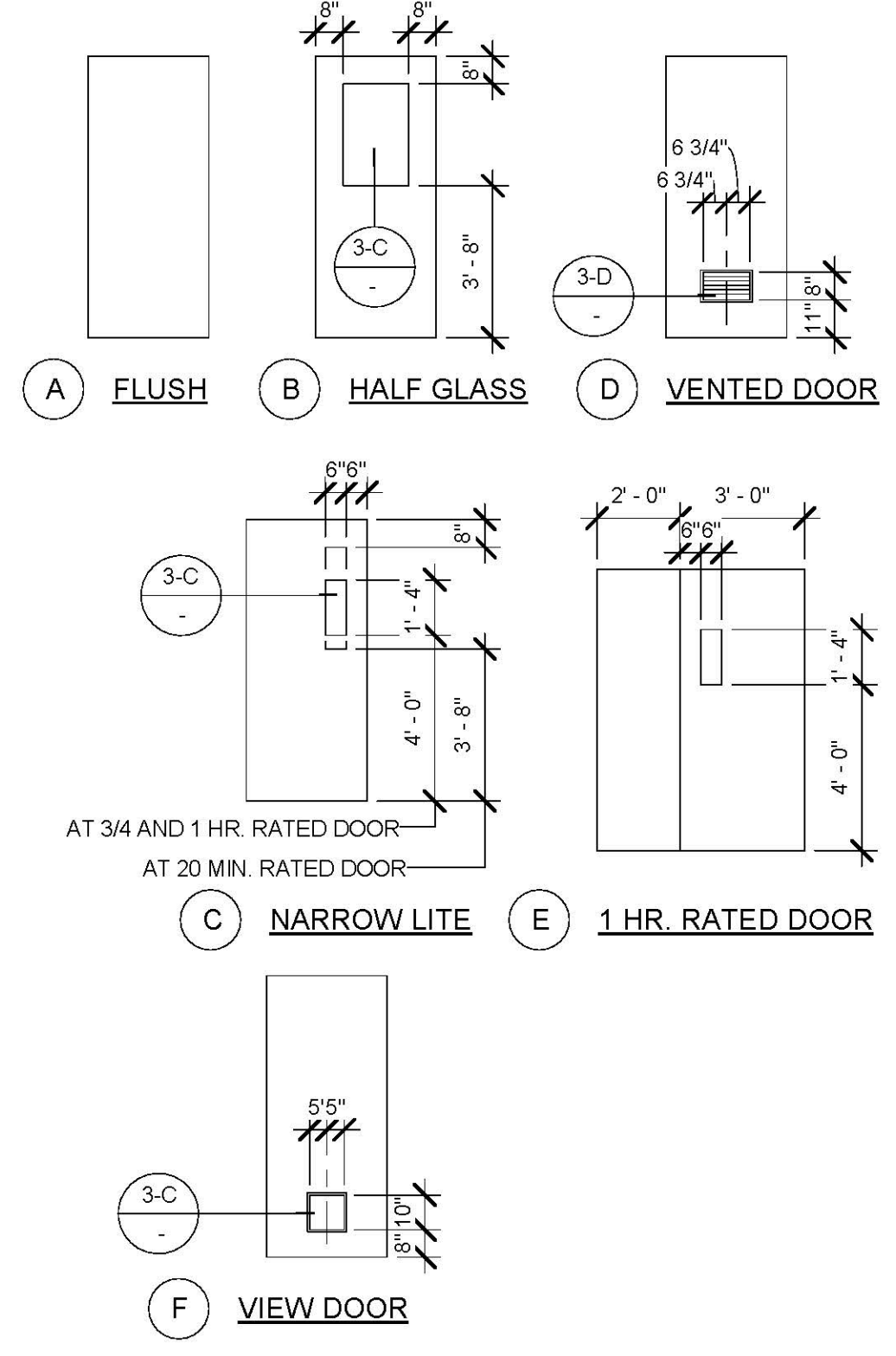
4 FRAME TYPES

3" = 1'-0"



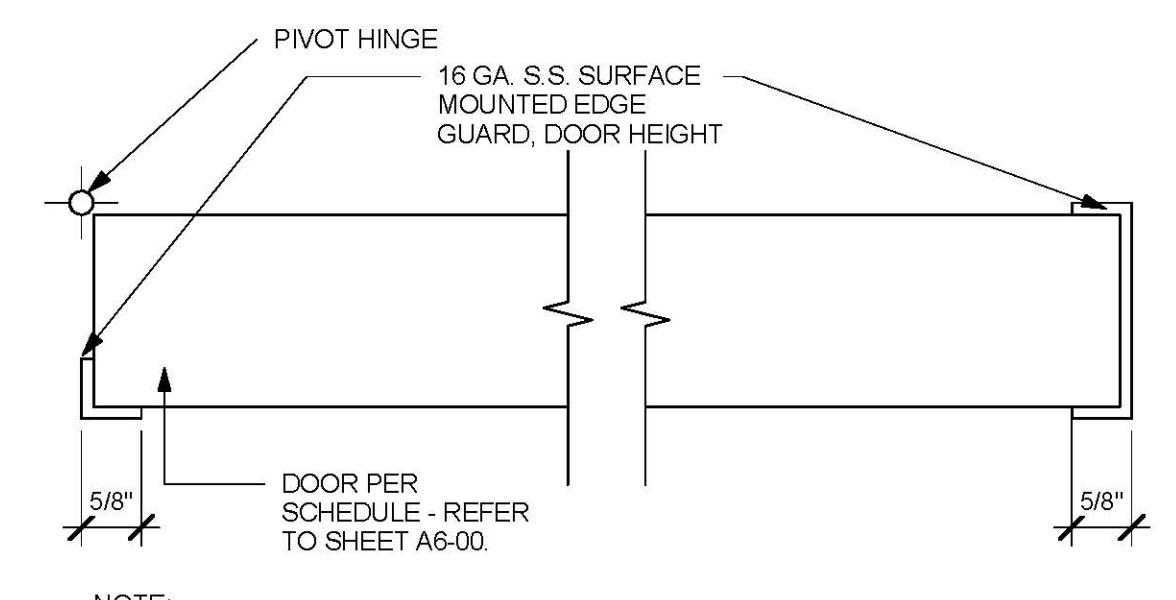
2 DOOR DETAILS

1/2" = 1'-0"



1 DOOR TYPES

1/4" = 1'-0"



7 DOOR EDGE GUARD

6" = 1'-0"

DOOR SCHEDULE GENERAL NOTES:

- PROVIDE SANITARY "HOSPITAL STOPS" AT ALL NON-RATED INTERIOR DOOR FRAMES.
- ALL DOORS SHALL RECEIVE LEVER TYPE HARDWARE WITH A PROFILE EQUAL TO DETAIL 2-B THIS SHEET.
- GLAZED OPENINGS IN 20 AND 45 MINUTE ASSEMBLIES SHALL NOT EXCEED 1296 SQ. INCHES AND SHALL BE GLAZED WITH 1/4" WIRE GLASS SET IN PAINTED STEEL FRAME.
- GLAZED OPENINGS IN 60 AND 90 MINUTE ASSEMBLIES SHALL NOT EXCEED 100 SQ. INCHES AND SHALL BE GLAZED WITH 1/4" WIRE GLASS SET IN PAINTED STEEL FRAME.
- FRAMES OF GLAZED OPENINGS IN DOORS SHALL BE PRIMED AND PAINTED TO MATCH DOOR FRAMES.
- CENTER OF DOOR HINGE PIVOT SHALL BE LOCATED AT 4" FROM ADJACENT PARTITION UNON.

DOOR SCHEDULE KEYNOTES:

- KICK PLATE
- DOOR SHALL BEAR 'S' LABEL
- PROVIDE DOOR EDGE GUARD PER DETAIL 7/A6-00.

DOOR SCHEDULE FINISH LEGEND:

SCWD	SOLID CORE WOOD DOOR	ST	STAINED, MATCH EXISTING
PL	PLASTIC LAMINATE	NR	NOT RATED
PTD	PAINTED	BAST	BALISTIC STEEL
		MAR	MARBLE

EQUIPMENT SCHEDULE										OPS									
EQUIPMENT #	DESCRIPTION	WEIGHT (APPROX.) LBS.	HEIGHT-h	WIDTH-b	LENGTH-l	PLAN/ELEVATION	REMARKS	EXIS	NEW	OFO	OFCI	CFCS	QUANTITY	VOLTAGE	EMERGENCY POWER	ELECTRICAL LOAD	HEAT LOAD	SEISMIC CALCS	PLUMBING
001	IMAGING CAMERA	0	0"	0			EXISTING TO REMAIN	X					1						
002	PYXIS	1,000 LBS.	6' - 8"	4' - 4"	2' - 3"			X			X		1						
003	SIEMENS CABINET	192 LBS.	2' - 4 1/4"	2' - 3"	2' - 8"			X			X		1						
004	SIEMENS CABINET	0	7' - 2"	7' - 2"	1' - 5 1/2"		EXISTING TO REMAIN	X					1						
005	MOBILE CATHETER CART	0	7' - 2"	3' - 4"	1' - 4"			X	X				1						
006	SIEMENS CABINET	64 LBS.	1' - 4 1/8"	3' - 5 - 1/2"	8 - 1/4"			X			X		1						
007	SIEMENS PC							X		X			1						
008	PACS DATA PC							X		X			1						
009	SERVER DATA PC							X		X			1						
010	SIEMEN KLUVER	93 LBS.						X			X		1						
011	DIFIBRILLATOR	15	3' - 6"	3' - 0"	1' - 6"			X	X		X		1						

GENERAL NOTES:

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
2. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
3. FIRE-RESISTANT RATED WALLS AND CEILINGS SHALL BE REPAIRED OR PATCHED TO MATCH THE EXISTING RATED CONDITION IN ORDER TO MAINTAIN THE CONTINUITY OF THE RATED WALL OR CEILING SYSTEM.

5151 Shoreham Pl., Suite 100
 San Diego, CA 92122
 P: 619-299-3917
 F: 619-299-5084
 www.sfeirarch.com

TCMC ANGIO TO CATH LAB RENOVATION

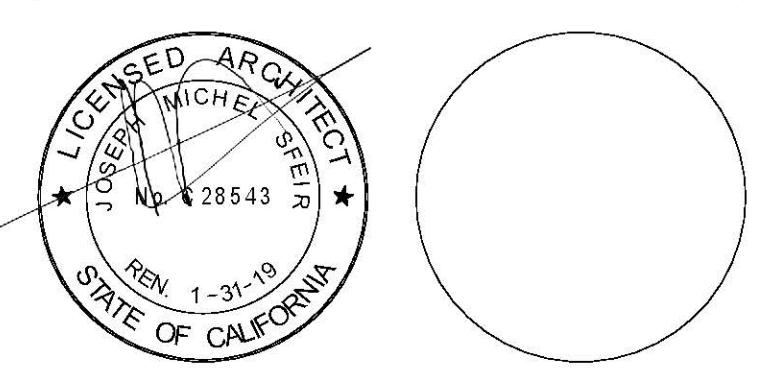
TRI-CITY MEDICAL CENTER
 4002 VISTA WAY
 OCEANSIDE, CALIFORNIA 92056

OWNER: TRI-CITY MEDICAL CENTER
 4002 VISTA WAY
 OCEANSIDE, CALIFORNIA 92056
 TEL(760)724-8411

ARCHITECT: SFEIR ARCHITECTS
 5151 SHOREHAM PLACE, SUITE 100
 SAN DIEGO, CALIFORNIA 92122
 TEL(619)299-3917 FAX(619)299-5084

STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.
 2091 LAS PALMAS DRIVE, SUITE D
 CARLSBAD, CALIFORNIA 92011
 TEL(760)438-1188

ME&P: P2S
 9865 CHESAPEAKE, SUITE 230
 SAN DIEGO, CALIFORNIA 92123
 TEL(619)618-2347



DESIGN CHANGES	1/30/17
OSHPD COMMENTS	8/14/17
OSHPD COMMENTS	10/02/17
DESIGN CHANGES	11/03/17

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
 OSHPD #: S170603-37-00



EQUIPMENT PLAN DETAILS AND SCHEDULE

PROJECT TITLE: TCMC ANGIO TO CATH LAB RENOVATION

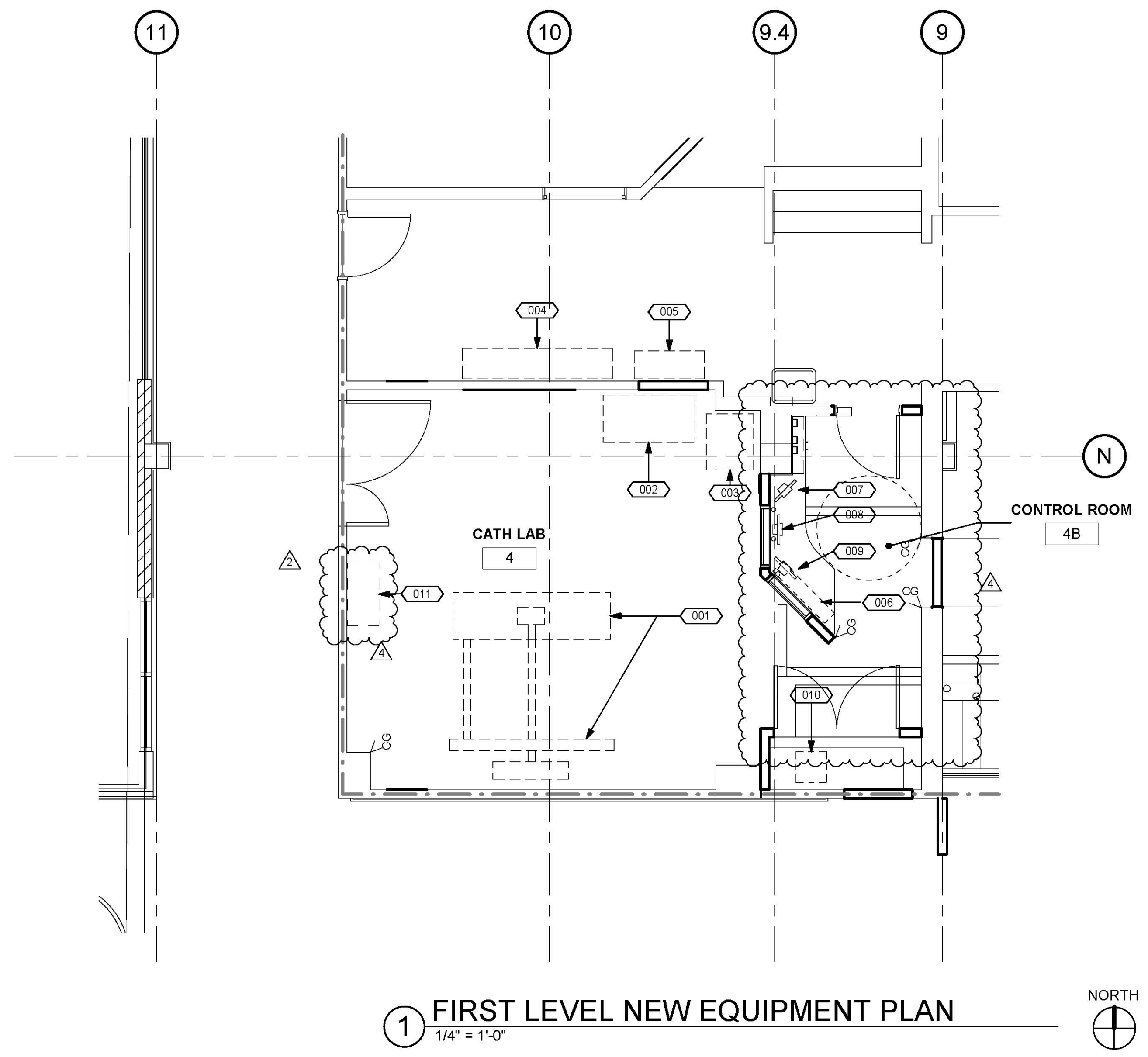
PROJECT #: 01608.00 SHEET NUMBER: A6-20

DRAWN BY: Author

CHECKED BY: Checker

SCALE: As indicated

DATE: 10/10/16



1 FIRST LEVEL NEW EQUIPMENT PLAN
 1/4" = 1'-0" NORTH

TCMC ANGIO TO CATH LAB RENOVATION

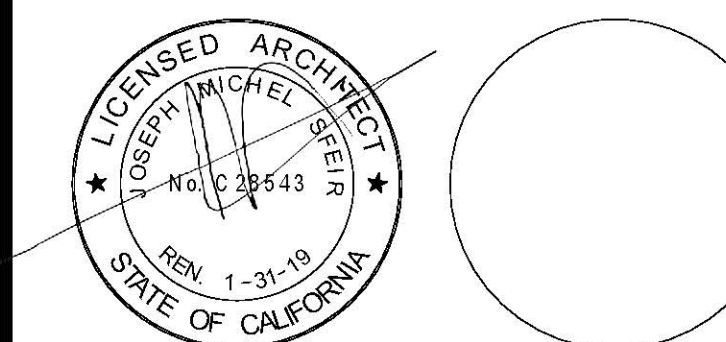
TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056

OWNER: TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056
TEL(760)724-8411

ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PLACE, SUITE 100
SAN DIEGO, CALIFORNIA 92122
TEL(619)299-3917 FAX(619)299-5084

STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.
2091 LAS PALMAS DRIVE, SUITE D
CARLSBAD, CALIFORNIA 92011
TEL(760)438-1188

ME&P: P2S
9885 CHESAPEAKE, SUITE 230
SAN DIEGO, CALIFORNIA 92123
TEL(619)618-2347



DESIGN CHANGES	1/30/17
OSHPD COMMENTS	8/14/17
OSHPD COMMENTS	10/02/17
DESIGN CHANGES	11/03/17

REV:	DESCRIPTION:	DATE:

OSHPD APPROVAL STAMP:
OSHPD #: S170603-37-00



11/29/2017 08:44:43 AM
#S 70603-37-00

SHIELDING PLAN DETAILS AND SCHEDULE

PROJECT TITLE:
TCMC ANGIO TO CATH LAB RENOVATION

PROJECT #: 01608.00 SHEET NUMBER:
DRAWN BY: MC
CHECKED BY: Checker
SCALE: As indicated
DATE: 10/10/16

A6-30

RADIATION SHIELDING SCHEDULE				
LOCATION	CALCULATED THICKNESS	THICKNESS TO BE INSTALLED	LEAD WT. LBS / SQ. FT.	REMARKS
A CONTROL ROOM WINDOW	-	3/8"	3.0	1 2 3
B CONTROL ROOM WALL	-	3/8"	3.0	1 2 3
C ROOM ENTRANCE DOOR	-	1/32"	2.0	1 2 3
D NORTH WALL	-	1/32"	2.0	1 2 3
E WEST WALL	-	1/32"	2.0	1 2 3
F SOUTH WALL	-	1/32"	2.0	1 2 3
G EAST WALL	-	1/32"	2.0	1 2 3
FLOOR	-	-	NONE	
CEILING	-	-	NONE	

SCHEDULE NOTES:

- REFER TO PHYSICIST'S REPORT LOCATED IN THE PROJECT MANUAL FOR ADDITIONAL INFORMATION ON SHIELDING. INFORM ARCHITECT WITH ANY DISCREPANCY IMMEDIATELY.
- VERIFY NEW AND EXISTING SHIELDING REQUIREMENTS WITH OWNER PRIOR TO CONSTRUCTION.
- THE WEIGHT EQUIVALENT IS AN ESTIMATE BASED UPON THE THICKNESS OF THE LEAD AS INDICATED IN THE PHYSICIST'S REPORT.

GENERAL NOTES:

- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
- REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
- FIRE RESISTANT RATED WALLS AND CEILINGS SHALL BE REPAIRED OR PATCHED TO MATCH THE EXISTING RATED CONDITION IN ORDER TO MAINTAIN THE CONTINUITY OF THE RATED WALL OR CEILING SYSTEM.

RADIATION SHIELDING NOTES:

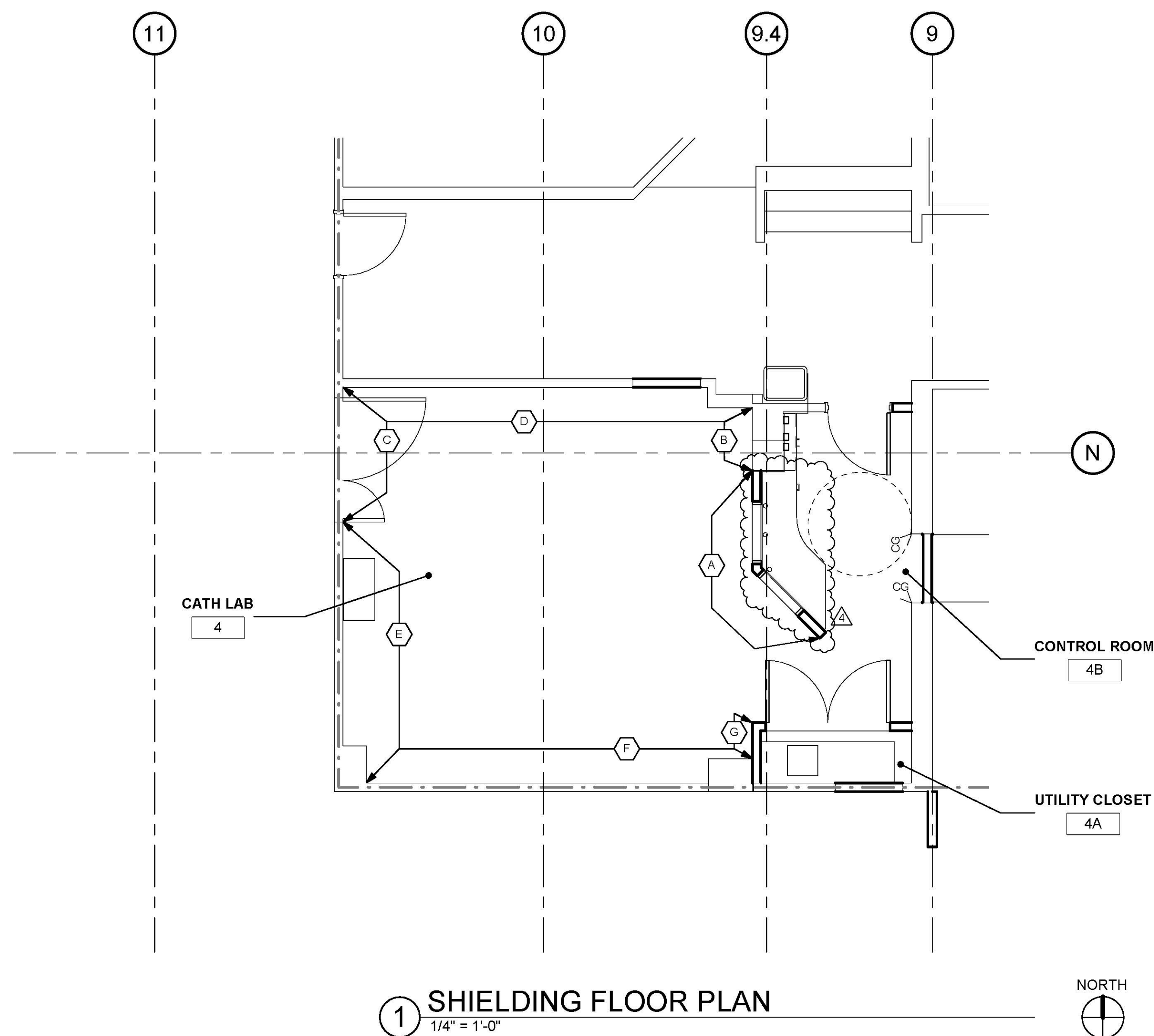
- THE GENERAL CONTRACTOR SHALL VERIFY BY SITE INVESTIGATION THE EXISTING LEAD THICKNESS AT THE WALLS, AND THE RADIATION SHIELDING EQUIVALENT AT THE DOORS AND WINDOWS.
- PROVIDE RADIATION SHIELDING PROTECTION AT ACCESS PANELS OR LEAD DOORS TO RACEWAYS WITHIN THE WALL AND WALL CAVITIES; AND ALSO AT ELECTRICAL OUTLETS, "J" BOXES, PULL BOXES, PANELS AND SIMILAR ITEMS THAT PENETRATE THE LEAD SHEET SHIELDING. SEE DETAIL ON A6-31
- THE INDICATED REQUIRED THICKNESS OF THE LEAD SHIELDING IS A MINIMUM. THE CONTRACTOR MAY INCREASE THE THICKNESS SO THE WALL SURFACE WILL FLUSH OUT WITH AN ADJACENT WALL SURFACE. LAP LEAD AT ALL JOINTS A MINIMUM OF 2" AS RECOMMENDED IN THE PHYSICIST REPORT.
- RADIATION SHIELDING SHALL EXTEND UP TO A MINIMUM OF 84" A.F.F. REFER TO PHYSICIST REPORT. IN THE PROJECT MANUAL.
- UPON COMPLETION OF WORK, THE OWNER SHALL HAVE THE RADIATION SHIELDING TESTED, AND THE CONTRACTOR SHALL CORRECT AND REPAIR ALL DEFICIENCIES THAT MAY BE REVEALED BY THE TEST.
- IN AREAS WHERE EXISTING LEAD-BACKED GWB IS TO REMAIN AND THE REMOVAL OF WALL MTD BRACKETS OR EQUIPMENT AND ITS SUPPORTS OCCUR, THE GENERAL CONTRACTOR IS TO PROVIDE AND INSTALL NEW UNPIERCED SHEETS OF LEAD BACKED GWB INSURING COMPLETE COVERAGE AND PROPER LAP OF A MIN. OF 2". REFER ALSO TO THE PHYSICIST'S REPORTS DATED AUGUST 22, 2008.

PARTITION LEGEND:

- ACCESSIBLE PATH OF TRAVEL.
- EGRESS PATH OF TRAVEL.
- EGRESS PATH OF TRAVEL WITHIN SUITE (TRAVEL DISTANCE).
- ONE-HOUR RATED CORRIDOR.
- INDICATES AN EXISTING MEMBRANE OF PARTITION OR PARTITION TO BE REMOVED. REFER TO DEMOLITION PLAN FOR FURTHER REQUIREMENTS. REMAIN HEIGHT TO PLAN FOR UPGRADE REQUIREMENTS.
- INDICATES AN EXISTING ONE HOUR FIRE RATED PARTITION TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES AN EXISTING TWO HOUR FIRE RATED PARTITION TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES AN EXISTING SMOKE BARRIER.
- THICK LINE INDICATES NEW SURFACE FINISH.
- INDICATES A NEW ONE HOUR FIRE RATED PARTITION EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES A NEW TWO HOUR FIRE RATED SMOKE BARRIER PARTITION EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES AN EXISTING STRUCTURAL CONCRETE WALL TO REMAIN. LOCATE REINFORCING STEEL AND OBTAIN APPROVAL FROM STRUCTURAL ENGINEER PRIOR TO CORING AND/OR CUTTING.
- WALL TYPE "A" REFER TO DETAIL 1/A5-00.
- WALL TYPE "B" REFER TO DETAIL 2/A5-00.
- WALL TYPE "C" REFER TO DETAIL 3/A5-00.

PARTITION NOTES:

- ALL DIMENSIONS SHOWN ARE TO FINISHED FACE OF GYP. BOARD. TYPICAL U.O.N. REFER TO SHEET A5-00 FOR GENERAL NOTES AND REQUIREMENTS FOR PARTITIONS.
- EXISTING WALLS WERE CONSTRUCTED WITH MANY PERMITS AND/OR CONTRACTS. FIELD VERIFY CONSTRUCTION AND WIDTH PRIOR TO FABRICATION OF DOOR FRAMES OR COMPONENTS WHICH REQUIRE THE WIDTH OF WALL TO BE SET.



1 SHIELDING FLOOR PLAN
1/4" = 1'-0"

TCMC ANGIO
TO CATH LAB
RENOVATION

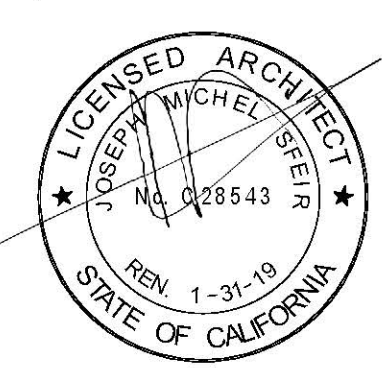
TRI-CITY MEDICAL
CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA
92056

OWNER: TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056
TEL(760)724-8411

ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PLACE, SUITE 100
SAN DIEGO, CALIFORNIA 92122
TEL(619)299-3917 FAX(619)299-5084

STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.
2091 LAS PALMAS DRIVE, SUITE D
CARLSBAD, CALIFORNIA 92011
TEL(760)438-1188

ME&P: P2S
9865 CHESAPEAKE, SUITE 230
SAN DIEGO, CALIFORNIA 92123
TEL(619)618-2347



DESIGN CHANGES	1/30/17
OSHPD COMMENTS	8/14/17
OSHPD COMMENTS	10/02/17
DESIGN CHANGES	11/03/17

REV:	DESCRIPTION:	DATE:

OSHPD APPROVAL STAMP:
OSHPD #: S170603-37-00



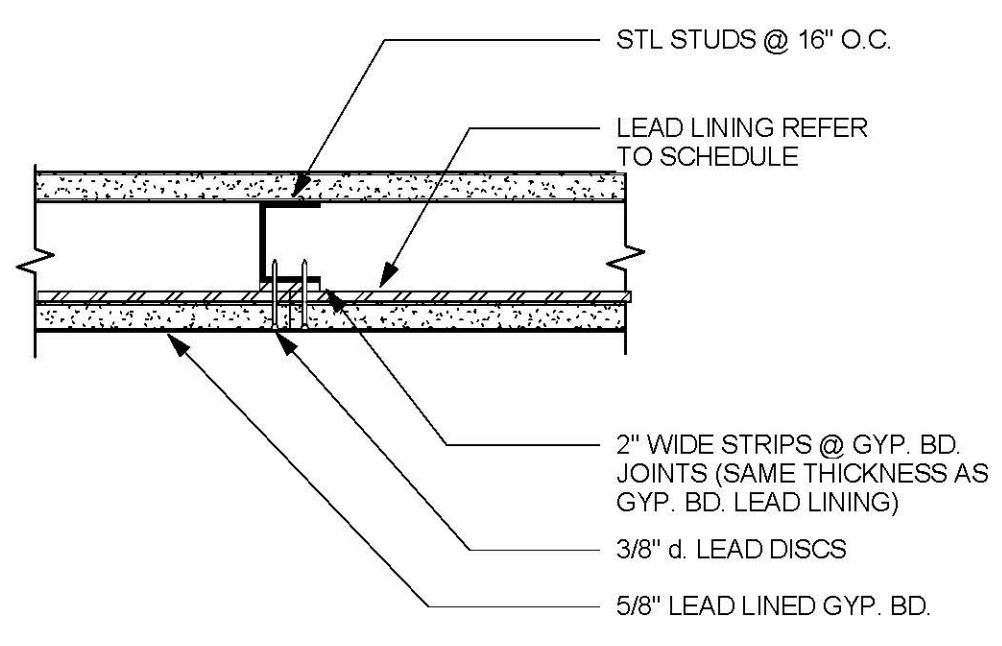
11/29/2017 08:44:43 AM
#S 70603-37-00

PROJECT TITLE:
SHIELDING DETAILS

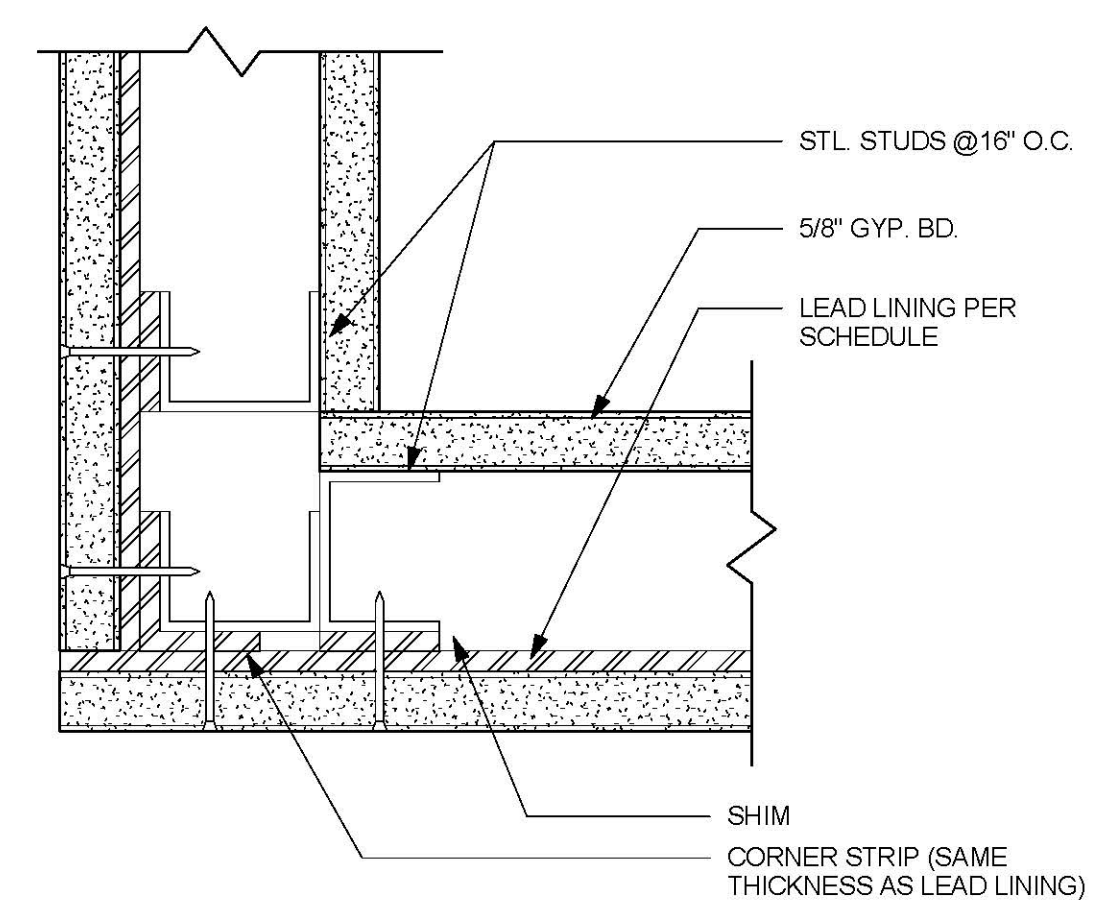
PROJECT #:
TCMC ANGIO TO CATH LAB
RENOVATION

PROJECT #:
01608.00
DRAWN BY:
MC
CHECKED BY:
Checker
SCALE:
As indicated
DATE:
10/10/16

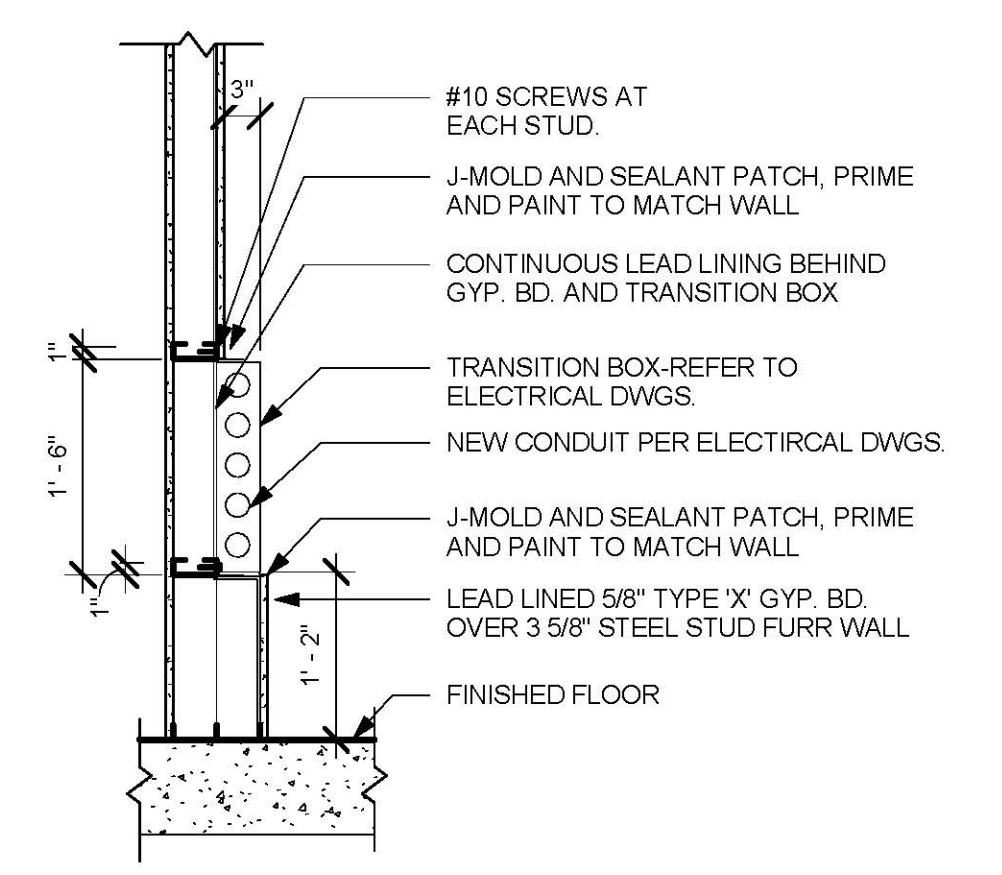
A6-31



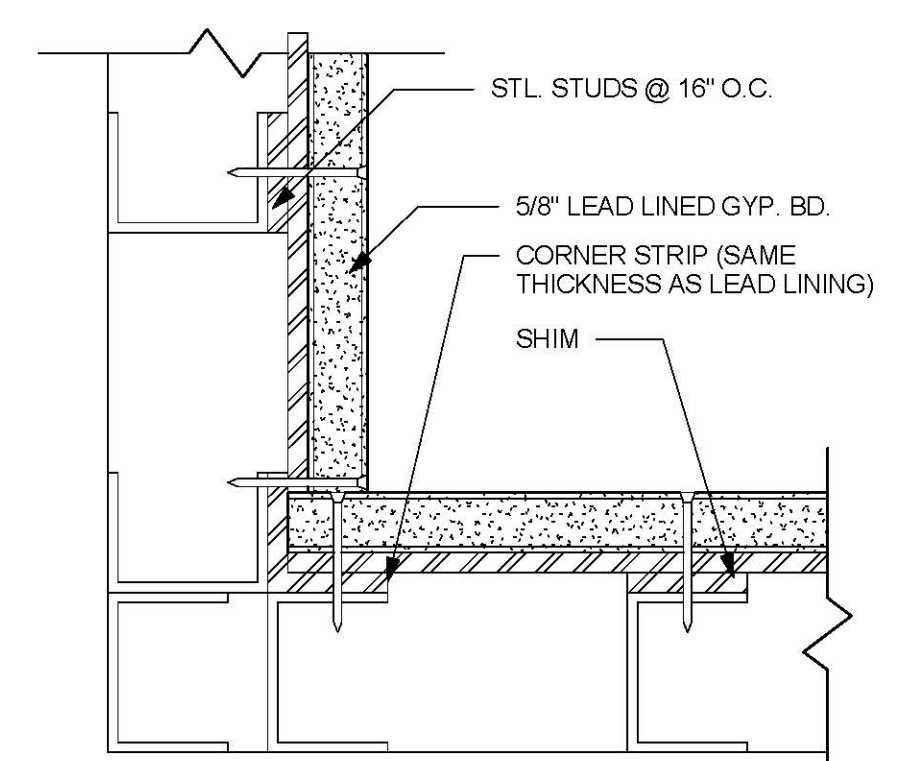
8 SHIELDED JOINT DETAIL
3" = 1'-0"



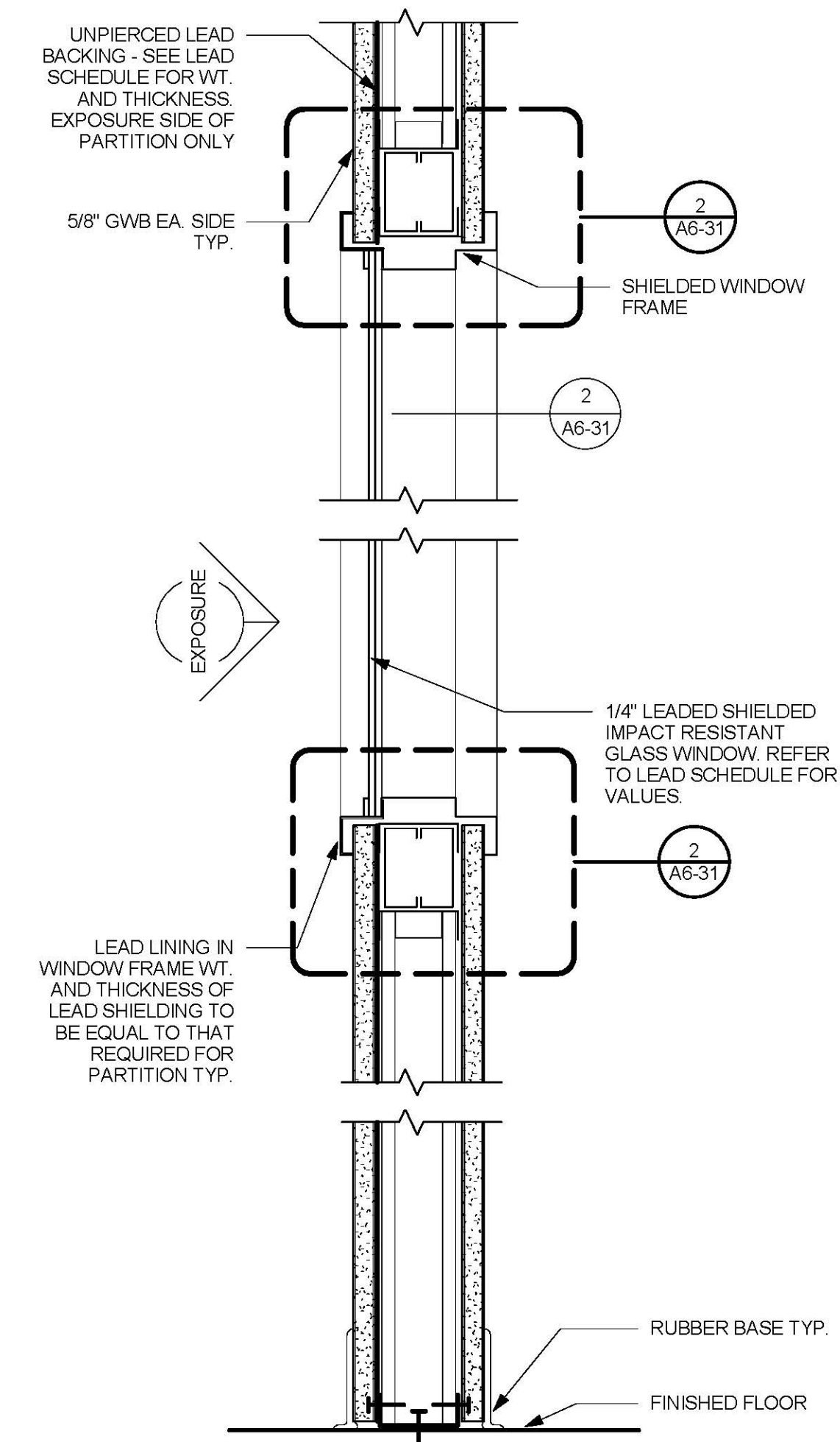
4 SHEILED OUTSIDE CORNER DETAIL
6" = 1'-0"



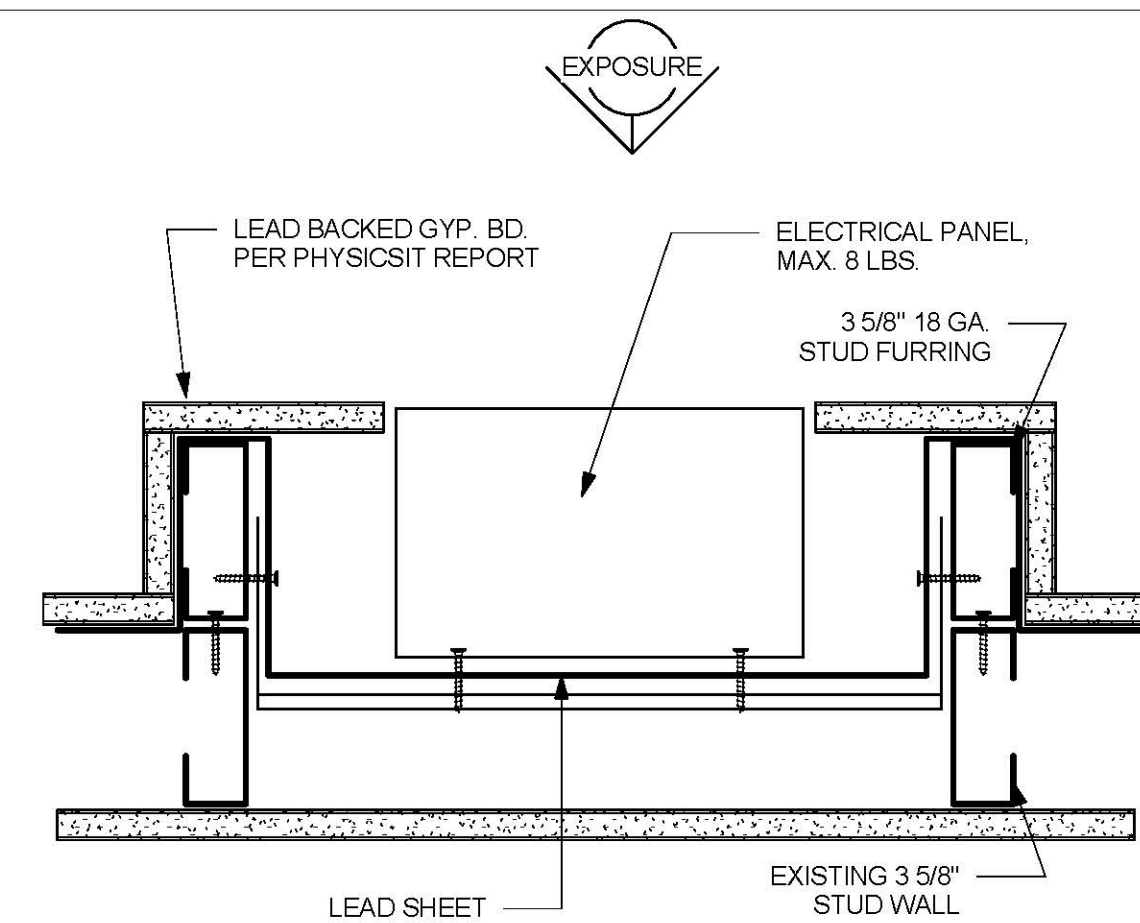
9 SHIELDED ELECTRICAL DUCT
3/4" = 1'-0"



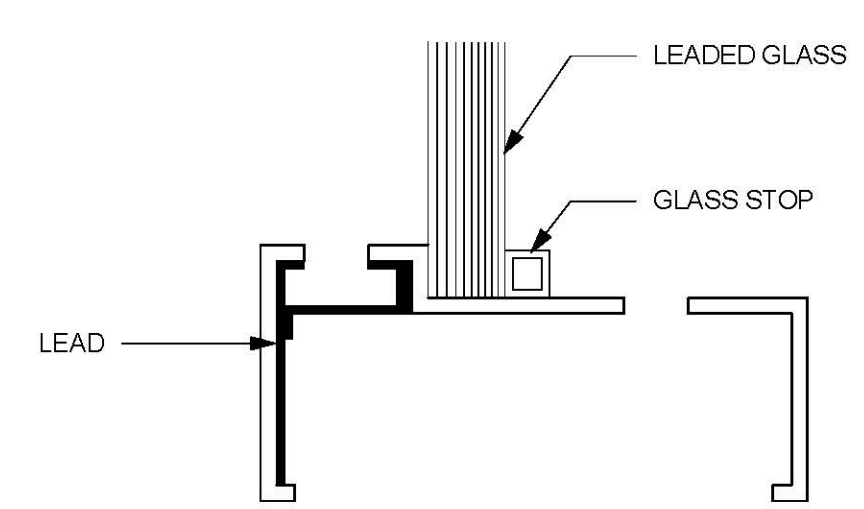
5 SHEILED INSIDE CORNER DETAIL
6" = 1'-0"



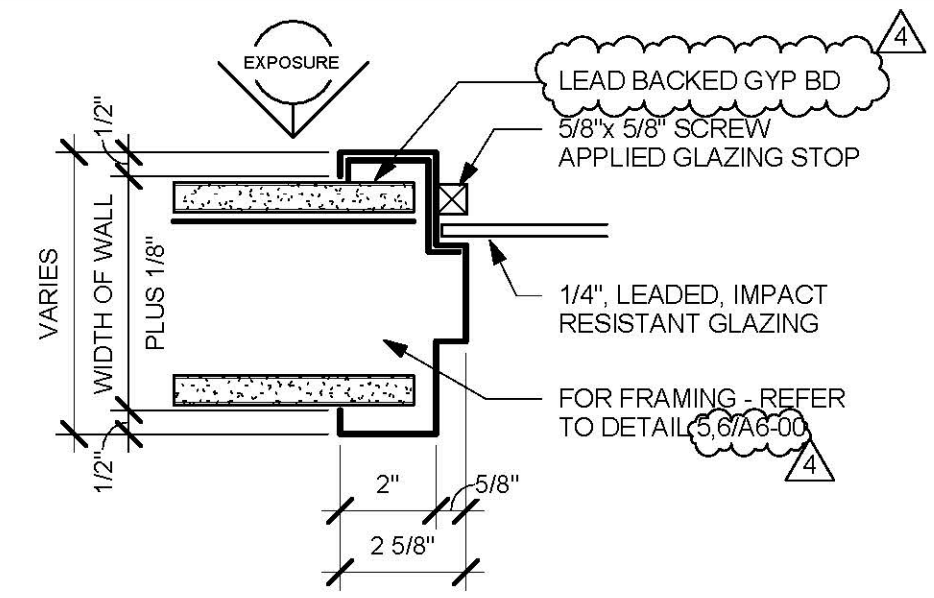
1 SHEILD WALL & WINDOW
3" = 1'-0"



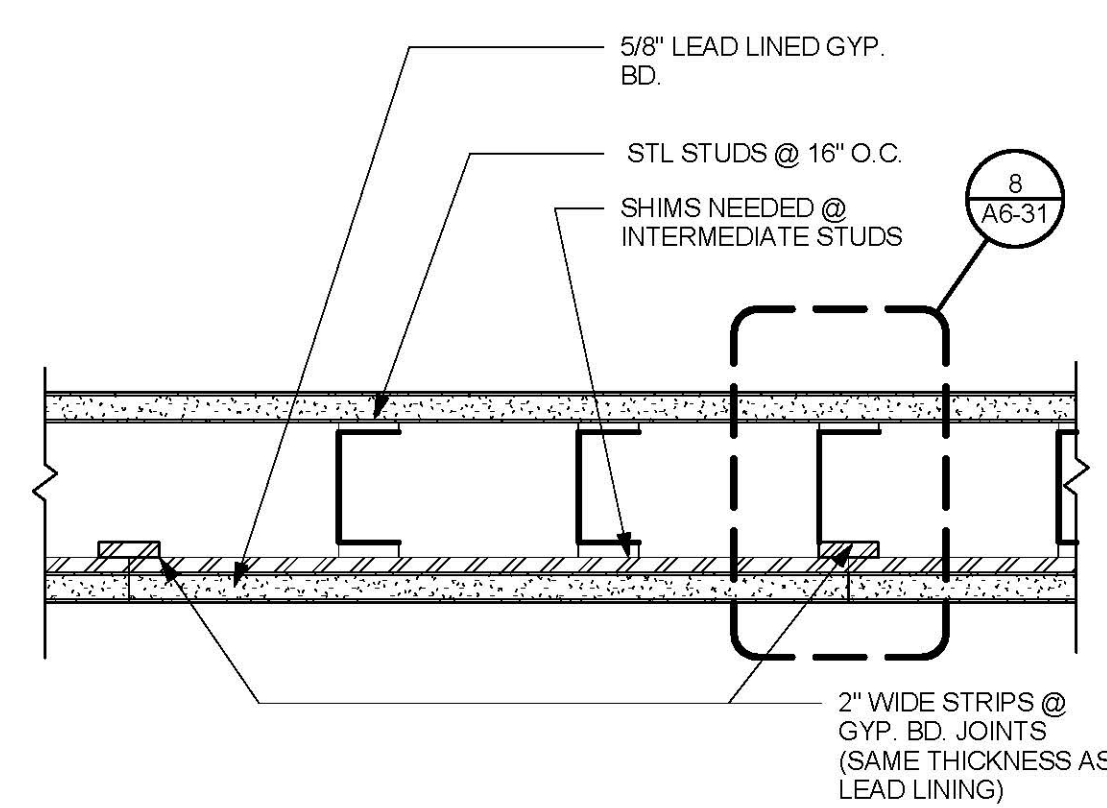
10 SHIELDED ELECTRICAL PANEL
3" = 1'-0"



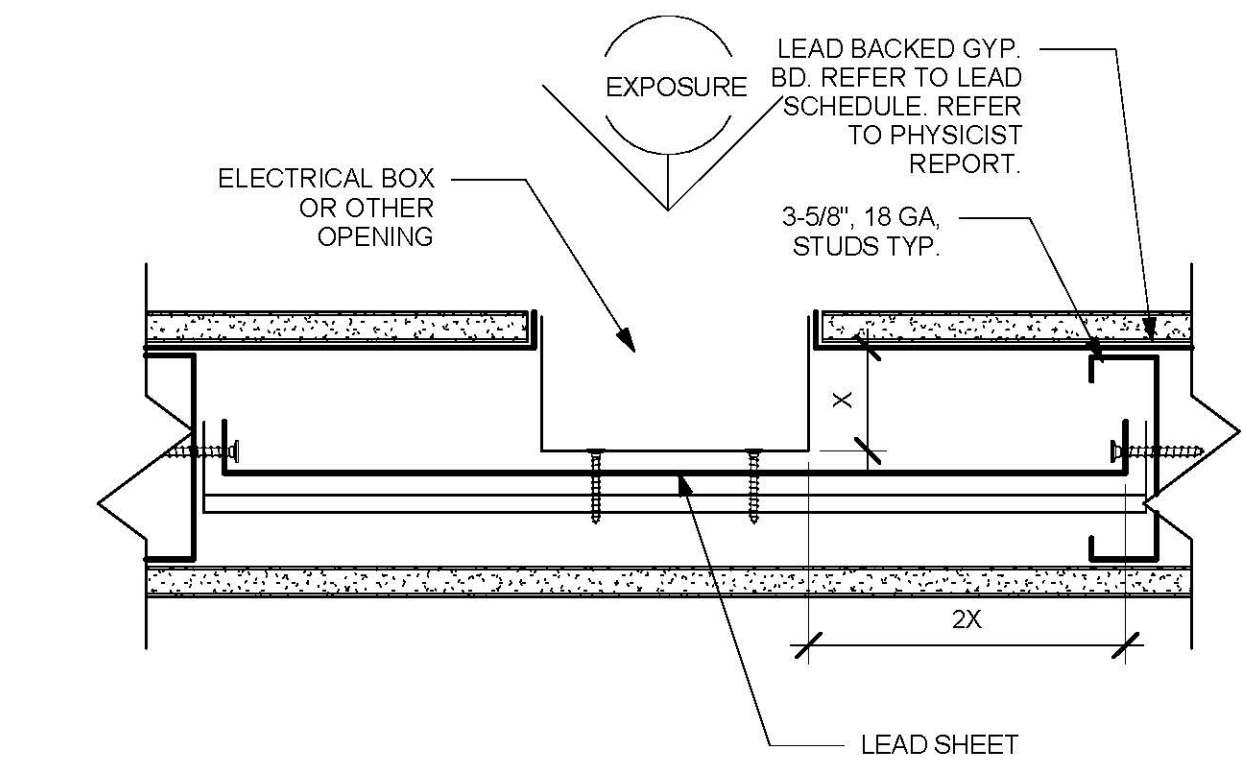
6 SHIELDED METAL GLASS FRAME
6" = 1'-0"



2 TYPICAL JAMB, SILL & HEAD
3" = 1'-0"



7 SHIELDED WALL DETAIL
3" = 1'-0"



3 TYPICAL LEAD PENETRATIONS
3" = 1'-0"