

# TCMC EMERGENCY DEPARTMENT

## TRI-CITY MEDICAL CENTER

4002 VISTA WAY  
OCEANSIDE,  
CALIFORNIA 92056

100% CONSTRUCTION DOCUMENTS  
08/03/16



OSHPD COMMENTS:  
12/01/16



DESIGN CHANGES:  
12/01/16



OSHPD COMMENTS:  
02/14/17



DESIGN CHANGES:  
02/14/17



OSHPD COMMENTS:  
08/11/17

STRUCTURAL:

SUN STRUCTURAL ENGINEERING

2091 Las Palmas Drive, Suite D  
Carlsbad, CA 92011

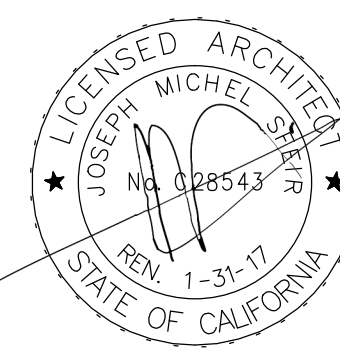
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ARCHITECTURE:

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

1350 Columbia Street, Suite 603  
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OSHPD-PROJECT NUMBER: S162093-37-00

ABBREVIATIONS:

Table of abbreviations for construction materials and components, including ACT (Acoustical Ceiling Tile), ALU (Aluminum), ALT (Alternate), AP (Access Panel), ARCH (Architect), BOARD (Board), BLDG (Building), BLKG (Blocking), BM (Beam), BOT (Bottom), CAB (Cabinet), CAR (Carpet), CEM (Cement), CT (Ceramic Tile), CLGS (Ceilings), CLR (Clear), CTR (Counter), COL (Column), CONSTR (Construction), CONT (Continuous), CORR (Corridor), DBL (Double), DEPT (Department), DF (Drinking Fountain), DIA (Diameter), DIM (Dimension), DISP (Dispenser), DN (Down), DR (Drain), DET (Detail), DWG (Drawing), DWR (Drawer), EAC (Expansion Joint), ELECT (Electrical), ENCL (Enclosure), EQ (Equal), EW (Each Way), EWC (Elect Water Cooler), EXG (Existing), ETR (Existing to Remain), EXT (Exterior), FD (Floor Drain), FEC (Fire Extinguisher CAB), FHC (Fire Hose Cabinet), FIN (Finish), FIXT (Fixture), FLR (Floor), FT (Feet), FURR (Furring), FV (Field Verify), GA (Gauge), GALV (Galvanized), GB (Grab Bar), GLASS (Glass), GYP (Gypsum), HDR (Header), HDWD (Hardwood), HGT (Hardware), HGT (Height).

SEISMIC BRACING

SEISMIC BRACING - CBC 2016 CHAPTER 16A/ASCE 7-10 HVAC DUCTWORK, PLUMBING/ PIPING AND CONDUIT SYSTEMS. ALL PIPES, DUCTS AND CONDUIT SHALL BE BRACED TO RESIST THE FORCES PRESCRIBED IN 2016 CBC CHAPTER 16A/ASCE 7-10. DUCTWORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH PROVISIONS CONTAINED IN PART 4, TITLE 24, CALIFORNIA MECHANICAL CODE. WHERE POSSIBLE, PIPES, CONDUIT, AND THEIR CONNECTIONS SHALL BE CONSTRUCTED FROM DUCTILE MATERIALS (COPPER, DUCTILE IRON, STEEL OR ALUMINUM AND BRAZED, WELDED OR SCREWED CONNECTIONS). PIPES, CONDUITS AND THEIR CONNECTIONS, CONSTRUCTED OF NONDUCTILE MATERIALS (E.G., CAST IRON, NO-HUB PIPE AND PLASTIC), SHALL HAVE THE BRACE SPACING REDUCED TO SATISFY REQUIREMENTS OF ASCE 7-10 CHAPTER 13 AND NOT TO EXCEED ONE-HALF OF THE SPACING ALLOWED FOR DUCTILE MATERIALS. SEISMIC SUPPORTS ARE NOT REQUIRED FOR HVAC DUCTWORK WITH I = 1.5 IF EITHER OF THE FOLLOWING CONDITIONS IS MET FOR THE FULL LENGTH OF EACH DUCT RUN: A. TRAPEZE ASSEMBLIES ARE USED TO SUPPORT DUCTWORK AND THE TOTAL WEIGHT FOR THE DUCTWORK SUPPORTED BY TRAPEZE ASSEMBLIES IS LESS THAN 10 LB/FT OR B. THE DUCTWORK IS SUPPORTED BY HANGERS AND EACH HANGER IN THE DUCT RUN IS 12" OR LESS IN LENGTH FROM THE DUCT SUPPORT POINT TO THE SUPPORTING STRUCTURE. WHERE ROD HANGERS ARE USED WITH A DIAMETER GREATER THAN 3/8", THEY SHALL BE EQUIPPED WITH SWIVELS TO PREVENT INELASTIC BENDING IN THE ROD. C. WHERE PROVISIONS ARE MADE TO AVOID IMPACT WITH LARGER DUCTS OR MECHANICAL COMPONENTS ROT OR PROTECT THE DUCTS IN THE EVENT OF SUCH, AND HVAC DUCTS HAVE A CROSS-SECTION AREA OF FT2 OR LESS, OR WEIGH 10 LB/FT OR LESS. HVAC DUCT SYSTEMS FABRICATED AND INSTALLED IN ACCORDANCE WITH STANDARDS APPROVED BY THE AUTHORITY HAVING JURISDICTION SHALL BE DEEMED TO MEET THE LATERAL BRACING REQUIREMENTS OF THIS SECTION. COMPONENTS THAT ARE INSTALLED IN-LINE WITH THE DUCT SYSTEM AND HAVE AN OPERATING WEIGHT GREATER THAN 75 LB (34N), SUCH AS FANS, HEAT EXCHANGERS, AND HUMIDIFIERS, SHALL BE SUPPORTED AND Laterally BRACED INDEPENDENT OF THE DUCT SYSTEM AND SUCH BRACES SHALL MEET THE FORCE REQUIREMENTS OF SECTION CBC CH. 16A. APPURTENANCES SUCH AS DAMPERS, LOUVERS, AND DIFFUSERS SHALL BE POSITIVELY ATTACHED WITH MECHANICAL FASTENERS. UNBRACED PIPING ATTACHED TO IN-LINE EQUIPMENT SHALL BE PROVIDED WITH ADEQUATE FLEXIBILITY TO ACCOMMODATE DIFFERENTIAL DISPLACEMENTS. PIPING SYSTEMS SHALL SATISFY THE REQUIREMENTS OF THIS SECTION EXCEPT THAT ELEVATOR SYSTEM PIPING SHALL SATISFY THE REQUIREMENTS OF SECTION CBC 1616A.1.26. EXCEPT FOR PIPING DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH NFPA 13, SEISMIC SUPPORTS SHALL NOT BE REQUIRED FOR OTHER PIPING SYSTEMS WHERE ONE OF THE FOLLOWING CONDITIONS IS MET: 1. PIPING IS SUPPORTED BY ROD HANGERS: HANGERS IN THE PIPE RUN ARE 12 IN. (305 MM) OR LESS IN LENGTH FROM THE TOP OF THE PIPE TO THE SUPPORTING STRUCTURE; HANGERS ARE DETAILED TO AVOID BENDING OF THE HANGERS AND THEIR ATTACHMENTS; AND PROVISIONS ARE MADE FOR PIPING TO ACCOMMODATE EXPECTED DEFLECTIONS. 2. HIGH-DEFORMABILITY PIPING IS USED; PROVISIONS ARE MADE TO AVOID IMPACT WITH LARGER PIPING OR MECHANICAL COMPONENTS OR TO PROTECT THE PIPING IN THE EVENT OF SUCH IMPACT, AND THE FOLLOWING SIDE REQUIREMENTS ARE SATISFIED: A. FOR SEISMIC DESIGN CATEGORIES D, E, OR F WHERE I\_p IS GREATER THAN 1.0, THE NOMINAL PIPE SIZE SHALL BE 1 IN. (25 MM) OR LESS. B. FOR SEISMIC DESIGN CATEGORIES D, E, OR F WHERE I\_p IS EQUAL TO 1.0, THE NOMINAL PIPE SIZE SHALL BE 3 IN. (76 MM) OR LESS. 4. WHERE LATERAL RESTRAINTS ARE OMITTED, THE PIPING, DUCTS OR CONDUIT SHALL BE INSTALLED SUCH THAT LATERAL MOTION OF THE PIPING OR DUCT WILL NOT CAUSE DAMAGING IMPACT WITH OTHER SYSTEMS OR STRUCTURAL MEMBERS, OR LOSS OF VERTICAL SUPPORT. 5. ALL TRAPEZE ASSEMBLIES SUPPORTING PIPES, DUCTS AND CONDUIT SHALL BE BRACED TO RESIST THE FORCES OF CHAPTER 16A/ASCE 7, CONSIDERING THE TOTAL WEIGHT OF THE ELEMENTS ON THE TRAPEZE. 6. PIPES, DUCTS AND CONDUIT SUPPORTED BY A TRAPEZE WHERE NONE OF THOSE ELEMENTS WOULD INDIVIDUALLY BE BRACED NEED NOT BE BRACED IF CONNECTIONS TO THE PIPE/CONDUIT/DUCTWORK OR DIRECTIONAL CHANGES DO NOT RESTRICT THE MOVEMENT OF THE TRAPEZE. IF THIS FLEXIBILITY IS NOT PROVIDED, BRACING WILL BE REQUIRED WHEN THE AGGREGATE WEIGHT OF THE PIPES AND CONDUIT EXCEEDS 10 POUNDS/FEET (48 N/M). THE WEIGHT SHALL BE DETERMINED ASSUMING ALL PIPES AND CONDUIT ARE FILLED WITH WATER. 7. EQUIPMENT SUPPORTS AND ATTACHMENTS SUPPORTS AND ATTACHMENTS OF ALL EQUIPMENT TO BE INSTALLED AS PART OF THIS PROJECT SHALL BE DETAILED ON CONSTRUCTION DOCUMENTS, EXCEPT THOSE EXEMPT BY THE CBC SECTION 1616A.1.18. EQUIPMENT SUPPORTS AND ATTACHMENTS SHALL BE APPROVED BY THE APPROPRIATE DESIGN PROFESSIONAL OF RECORD (RDP) AND OSHPD AS PART OF FIELD REVIEW/OBSERVATIONS. THE INSPECTOR OR RECORD (IOR) SHALL ASSURE THAT THE ABOVE REQUIREMENTS ARE ENFORCED. REFERENCE: 2016 CBC SECTIONS 107 AND 1616A. NOTE: SEISMICALLY RESTRAIN ALL SUSPENDED UTILITY SYSTEMS IN CONFORMANCE WITH REQUIREMENTS OF THE 2016 CALIFORNIA BUILDING CODE, CHAPTER 16A/ASCE 7-10, AS THE BASIS FOR THE RESTRAINT REQUIREMENTS. CALCULATE AND SUBMIT TOTAL DESIGN LATERAL FORCE(S) SPECIFIC TO THE PROJECT PER OSHPD REQUIREMENTS OF THE CBC AND ASCE 7-10 SECTION 13.5.6. TYPICAL PRE-APPROVED SYSTEMS INCLUDED THE FOLLOWING: OPM-0043-13 MASON INDUSTRIES, INC. SEISMIC RESTRAINT GUIDELINES FOR SUSPENDED DISTRIBUTION SYSTEMS. REFERENCE: 2016 CAC SECTIONS 7-115, 7-126, AND CBC 2016 SECTION 107.

GENERAL NOTES

C. THE LAYOUT DRAWINGS (WITH THE SHOP DRAWING STAMP) SHALL BE SUBMITTED TO OSHPD TO REVIEW: 1) STRUCTURE SUPPORTING THE DISTRIBUTION SYSTEM HAS ADEQUATE CAPACITY. 2) SEISMIC DESIGN FORCES (FP) ARE IN ACCORDANCE WITH CBC 2016, AND 3) VERIFY THAT SUBMITTAL IS WITHIN THE SCOPE OF OSHPD PRE-APPROVAL OF: a. SIZE OF DISTRIBUTION SYSTEM COMPONENTS. b. SPACING OF BRACING AND FLEX JOINTS, AND c. SUBSTRATE FOR ATTACHMENTS. D. THE LAYOUT DRAWINGS (WITH THE SHOP DRAWINGS STAMP) SHALL BE KEPT ON THE JOBSITE AND CAN THEM BE USED FOR INSTALLATION OF THE SUPPORT AND BRACING. a) OSHPD FIELD STAFF WILL REVIEW THE INSTALLATION. E. A COPY OF THE CHOSEN BRACING SYSTEM(S) INSTALLATION GUIDE/OPM MANUAL SHALL BE ON THE JOBSITE PRIOR TO STARTING THE INSTALLATION OF HANGERS AND/OR BRACES. a) IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN COPIES OF OPM AND FURNISH THE IOR WITH ONE COPY OF EACH. F. COMPONENTS OF TWO OR MORE PRE-APPROVED BRACING SYSTEMS SHALL NOT BE MIXED. a) ONLY ONE PRE-APPROVED BRACING SYSTEM MAY BE USED FOR A RUN OF PIPE, DUCT OR CONDUIT. b) ANY SUBSTITUTION OF COMPONENT OF A PRE-APPROVED BRACING SYSTEM SHALL REQUIRE OSHPD REVIEW AND APPROVAL. REFERENCE: 2016 CAC SECTIONS 7-115, 7-126, 7-153, AND CBC 2016 SECTION 107.

INDEX OF DRAWINGS:

Table listing drawing titles and sheet numbers: COVER SHEET (A0-00), ARCHITECTURAL (A1-00 to A6-20), INTERIOR FINISHES (ID-1 to ID-3), STRUCTURAL (S-1 to S-4), MECHANICAL (MD203 to MD602), PLUMBING (P202 to P601), ELECTRICAL (E001 to E601), FIRE ALARM (FA011 to FA202), TECHNOLOGY (T001 to T601).

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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. PANIC HARDWARE AT EXITS SHALL BE PROVIDED AS REQUIRED BY THE CODE. 2. PRIOR TO THE START OF WORK CONSULT WITH FIELD FIRE MARSHAL ON AN ACCEPTABLE EXITING ARRANGEMENT. A FIRE WATCH MAY BE REQUIRED AT THE DISCRETION OF THE FIRE MARSHAL. INTERIM LIFE SAFETY MEASURES ARE REQUIRED TO TEMPORARILY COMPENSATE FOR THE DEFICIENCIES IN NORMAL LIFE SAFETY REQUIREMENTS DUE TO THE ACTIVITIES. REFER TO CAN 9-3301 IN INTERIM LIFE SAFETY MEASURES. 3. ENSURE THAT THE EXITS PROVIDE FREE AND UNOBSTRUCTED EGRESS. PERSONNEL SHALL RECEIVE TRAINING IF ALTERNATE EXITS MUST BE DESIGNATED. AREAS UNDER CONSTRUCTION MUST MAINTAIN ESCAPE FACILITIES FOR CONSTRUCTION WORKERS AT ALL TIMES. MEANS OF EGRESS MUST BE INSPECTED DAILY. 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.

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, TO BE VISIBLE TO PERSONS ALONG APPROACHING PEDESTRIAN WAYS. 4. HAND-ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 34 INCHES AND 44 INCHES ABOVE THE FLOOR. LATCHING AND LOCKING DEVICES THAT ARE HAND-ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER-TYPE HARDWARE, PANIC BARS, PUSH-PULL ACTIVATING BARS OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE. LOCKED EXIT DOORS SHALL OPERATE AS ABOVE IN EGRESS DIRECTION. (CBC SECTION 11B-404.2.7) 5. MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 POUNDS FOR EXTERIOR DOORS AND 8 POUNDS FOR INTERIOR DOORS. SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS. WHEN FIRE DOORS ARE REQUIRED, THE MAXIMUM EFFORT TO OPERATE THE DOOR MAY BE INCREASED TO THE MINIMUM ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY, NOT TO EXCEED 15 POUNDS. (CBC SECTION 11B-404.2.9) 6. THE BOTTOM 10 INCHES OF ALL DOORS EXCEPT AUTOMATIC AND SLIDING SHALL HAVE A SMOOTH, UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION, WHERE NARROW FRAME DOORS ARE USED, A 10-INCH HIGH SMOOTH PANEL SHALL BE INSTALLED ON THE PUSH SIDE OF THE DOOR, WHICH WILL ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION. (CBC SECTION 11B-404.2.10) 7. FOR HINGED DOORS, THE OPENING WIDTH SHALL BE MEASURED WITH THE DOOR POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION. AT LEAST ONE OF A PAIR OF DOORS SHALL MEET THIS OPENING WIDTH REQUIREMENT. (CBC SECTION 11B-404.2.2 & 11B-404.2.3) 8. MANUALLY OPERATED EDGE OR SURFACE MOUNTED FLUSH BOLTS ARE NOT ALLOWED. WHEN EXIT DOORS ARE USED IN PAIRS AND APPROVED FLUSH BOLTS ARE USED, THE DOOR LEAF HAVING THE AUTOMATIC FLUSH BOLTS SHALL HAVE NO DOOR KNOB OR SURFACE-MOUNTED HARDWARE. THE UNLATCHING OF ANY LEAF SHALL NOT REQUIRE MORE THAN ONE OPERATION. 9. THERE SHALL BE A LEVEL AND CLEAR FLOOR OR LANDING ON EACH SIDE OF A DOOR. THE LEVEL AREA SHALL HAVE A LENGTH IN THE DIRECTION OF DOOR SWING OF AT LEAST 60 INCHES AND THE LENGTH OPPOSITE THE DIRECTION OF THE DOOR SWING OF 48 INCHES AS MEASURED AT RIGHT ANGLES TO THE PLANE OF THE DOOR IN ITS CLOSED POSITION. 10. THE WIDTH OF THE LEVEL AREA ON THE SIDE TO WHICH THE DOOR SWINGS SHALL EXTEND 24 INCHES PAST THE STRIKE EDGE OF THE DOOR FOR EXTERIOR DOORS AND 18 INCHES PAST THE STRIKE EDGE FOR INTERIOR DOORS. THE WIDTH OF THE AREA ON THE SIDE OPPOSITE THE SWING SHALL EXTEND 12 INCHES PAST THE STRIKE EDGE OF THE DOOR WHEN THE DOOR IS EQUIPPED WITH BOTH A CLOSER AND A LATCHSET. ABRUPT CHANGES IN LEVEL ALONG ANY ACCESSIBLE ROUTE SHALL NOT EXCEED 1/2 INCH. WHEN CHANGES IN LEVEL DO OCCUR, THEY SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2 EXCEPT THAT LEVEL CHANGES NOT EXCEEDING 1/4 INCH MAY BE VERTICAL. WHEN CHANGES IN LEVELS GREATER THAN 1/2 INCH ARE NECESSARY THEY SHALL COMPLY WITH THE REQUIREMENTS FOR RAMP. MINIMUM WIDTH SHALL BE 48". 12. SIDE REACH MOUNTING HEIGHTS: IF THE CLEAR FLOOR SPACE ALL OWS PARALLEL APPROACH BY A PERSON IN A WHEELCHAIR, THE MAXIMUM HEIGHT FOR HIGH SIDE REACH SHALL BE 44 INCHES AND THE LOW SIDE REACH SHALL BE 15 INCHES ABOVE THE FINISHED FLOOR. FORWARD REACH MOUNTING HEIGHTS: IF THE CLEAR SPACE ONLY ALLOWS FORWARD APPROACH BY A PERSON IN A WHEELCHAIR, THE MAXIMUM HEIGHT FOR HIGH SIDE REACH SHALL BE 48 INCHES AND THE LOW SIDE REACH SHALL BE 15 INCHES ABOVE THE FINISHED FLOOR. 15. DOORS LEADING TO MEN'S SANITARY FACILITIES SHALL BE IDENTIFIED BY AN EQUI-LATERAL TRIANGLE 1/4" THICK, WITH EDGES 12" LONG AND A VERTEX POINTING UPWARD. WOMEN'S SANITARY FACILITIES SHALL BE IDENTIFIED BY A CIRCLE 1/4" THICK AND 12" IN DIAMETER. 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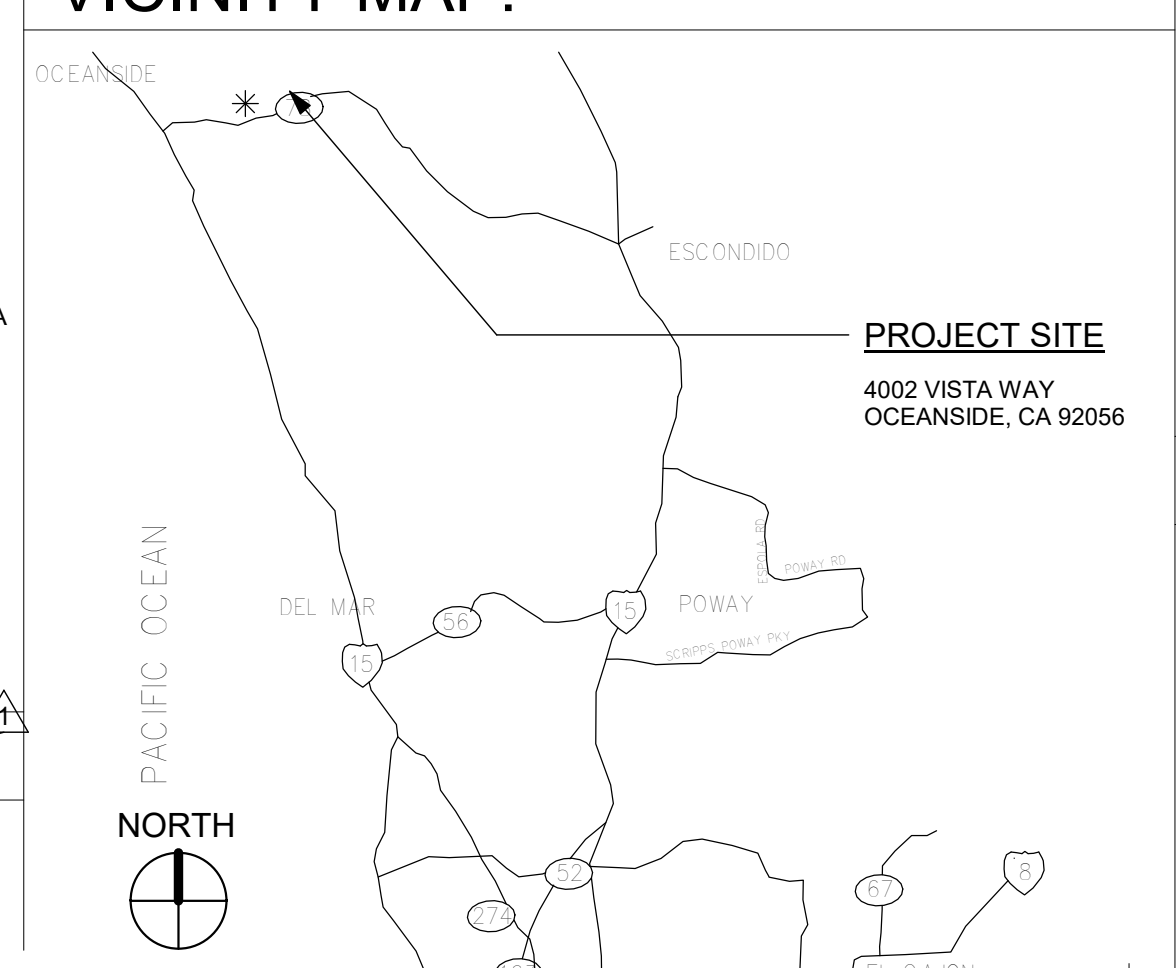
DEFERRED APPROVALS

- 1. INTERIOR SIGNAGE. 2. FIRE SPRINKLER SYSTEM. 3. FIRE ALARM.

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. SHOULD ANY CONDITION OCCUR NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH SAID CODES, A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY OSHPD PRIOR TO PROCEEDING WITH THE WORK.

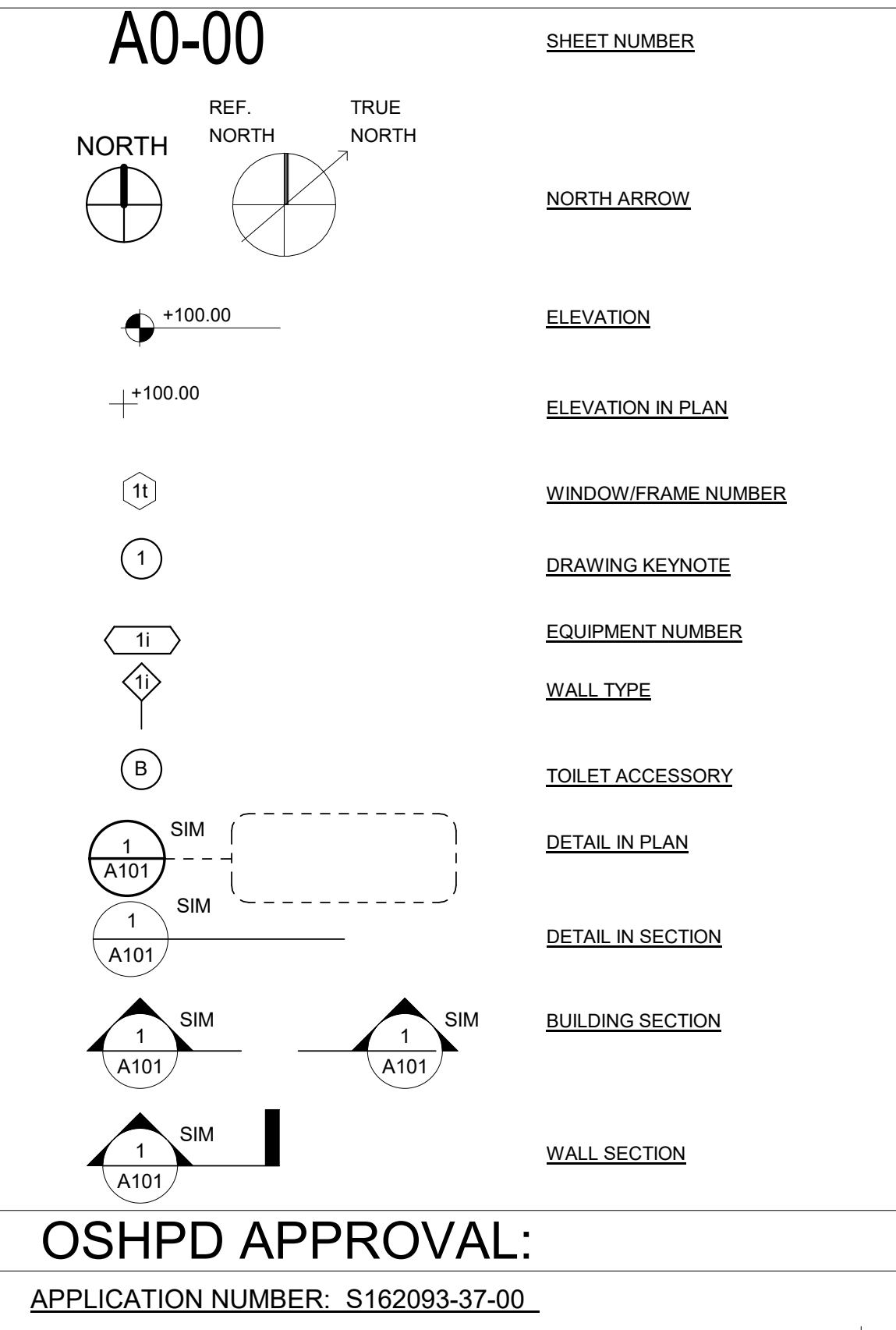
VICINITY MAP:



PROJECT INFORMATION:

SCOPE OF WORK: EXISTING EMERGENCY DEPARTMENT. REVISE EXISTING PATIENT CARE AND REGISTRATION LAYOUTS AND REDO EXISTING CEILING IN THESE SPACES. PATIENT CARE MODIFICATIONS: 1. DEMOLITION OF EXISTING ROOMS TO PROVIDE 2 TRIAGE ROOMS AND FOUR EXAMINATION ROOMS. REGISTRATION MODIFICATIONS: 1. DEMOLITION OF EXISTING ROOMS TO PROVIDE 2 OFFICES AND FOUR REGISTRATION STATIONS. TOTAL COMBINED AREA: 2,660. FT. BUILDING DESCRIPTION: NUMBER OF STORIES: 2 STORIES. OCCUPANCY GROUP: I-2. TYPE OF CONSTRUCTION: IA. FIRE ZONE: 3. FIRE SPRINKLERS: YES. CONSTRUCTION CLASSIFICATION: RISK CATEGORY IV. SEISMIC DESIGN CATEGORY D. 3HR STRUCTURAL FRAME. 2HR FLOOR-CEILING. 1.12 HR ROOF.

SYMBOL LEGEND:



OSHPD APPROVAL:

APPLICATION NUMBER: S162093-37-00

SFEIR ARCHITECTS 1350 Columbia Street, Suite 603 San Diego, CA 92101 P: 619-299-3917 F: 619-299-5084 www.sfeirarch.com

TCMC EMERGENCY DEPARTMENT

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 1350 COLUMBIA STREET, SUITE 603 SAN DIEGO, CALIFORNIA 92101 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 9685 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347 FAX(619)330-0668

Licensed Architect Seal for Joseph Michel, No. 228543, State of California. Includes a table of OSHPD comments and dates: OSHPD COMMENTS 12/01/16, DESIGN CHANGES 12/01/16, OSHPD COMMENTS 02/15/17, DESIGN CHANGES 02/15/17, OSHPD COMMENTS 08/11/17.

PROJECT INFORMATION: PROJECT TITLE: TCMC EMERGENCY DEPARTMENT. PROJECT #: 01593.00. SHEET NUMBER: A0-00. DRAWN BY: Author. CHECKED BY: Checker. SCALE: NTS= 1"=0'. DATE: 08/03/16.

**TCMC  
EMERGENCY  
DEPARTMENT**

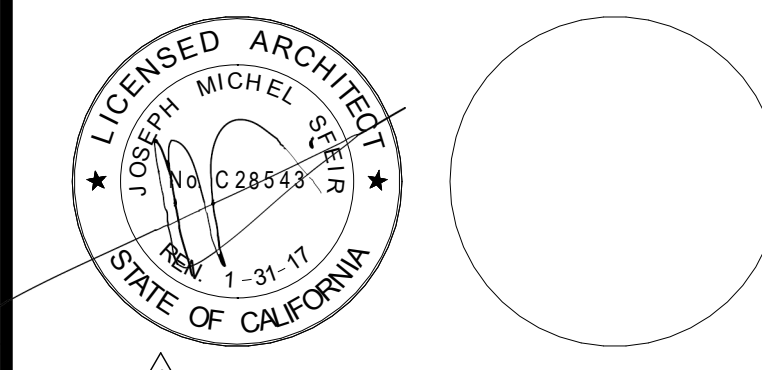
**TRI-CITY MEDICAL  
CENTER**  
4002 VISTA WAY  
OCEANSIDE, CALIFORNIA  
92056

OWNER: TRI-CITY MEDICAL CENTER  
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REV	DESCRIPTION	DATE
1	OSHPD COMMENTS	12/01/16
2	DESIGN CHANGES	12/01/16
3	OSHPD COMMENTS	02/15/17
4	DESIGN CHANGES	02/15/17
5	OSHPD COMMENTS	08/11/17

REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

SHEET TITLE:  
**SITE - ZONING - CODE**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00 SHEET NUMBER:  
DRAWN BY: Author  
CHECKED BY: Checker  
SCALE: As indicated  
DATE: 08/03/16

A1-00

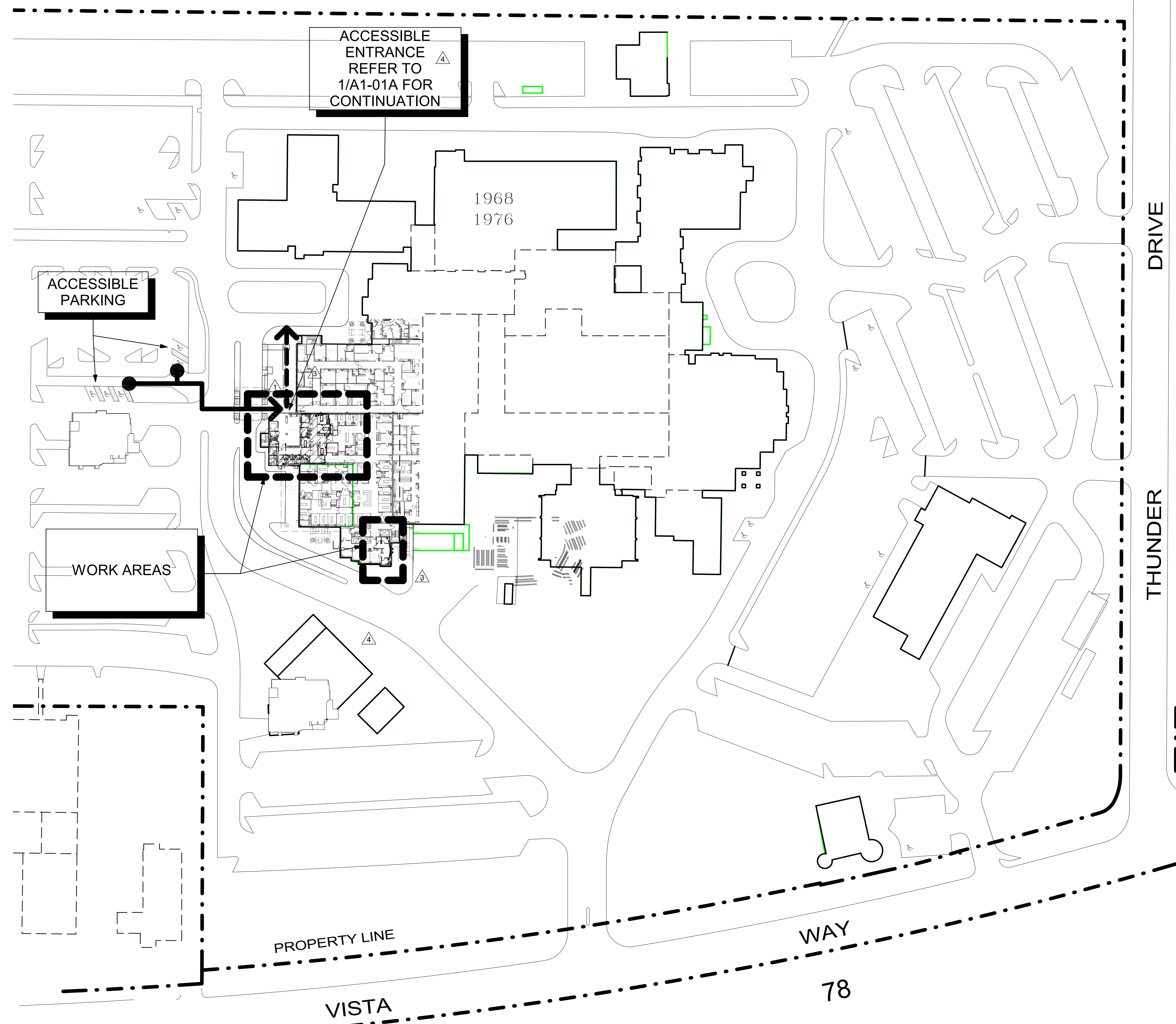
**GENERAL NOTES:**

- 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.

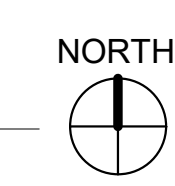
**PARTITION LEGEND:**

- ACCESSIBLE PATH OF TRAVEL.
- EGRESS PATH OF TRAVEL.
- ONE-HOUR RATED CORRIDOR.
- AREA OF CONCRETE SLAB.
- INDICATES AN EXISTING MEMBRANE OF PARTITION OR PARTITION TO BE REMOVED. REFER TO DEMOLITION PLAN FOR FURTHER REQUIREMENTS.
- INDICATES AN EXISTING PARTITION TO REMAIN. REFER TO PLAN FOR UPGRADE REQUIREMENTS.
- INDICATES AN EXISTING 1 HOUR SMOKE BARRIER.
- INDICATES AN EXISTING SMOKE PARTITION.
- 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 ONE HOUR RATED FIRE BARRIER TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES AN EXISTING TWO HOUR RATED FIRE BARRIER TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES A NEW SMOKE BARRIER.
- INDICATES A NEW SMOKE PARTITION.
- INDICATES A NEW ONE HOUR RATED FIRE 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 ONE HOUR RATED FIRE BARRIER EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- THICK LINE INDICATES NEW SURFACE FINISH.
- 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 REFERENCE REFER TO SHEET A5-01.

- 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 WALL'S 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  
EMERGENCY  
DEPARTMENT**

**TRI-CITY MEDICAL  
CENTER**  
4002 VISTA WAY  
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92056

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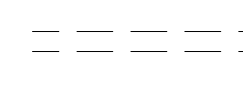


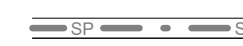


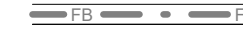


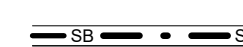
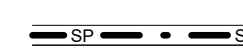



STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.  
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SAN DIEGO, CALIFORNIA 92123  
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**GENERAL NOTES:**

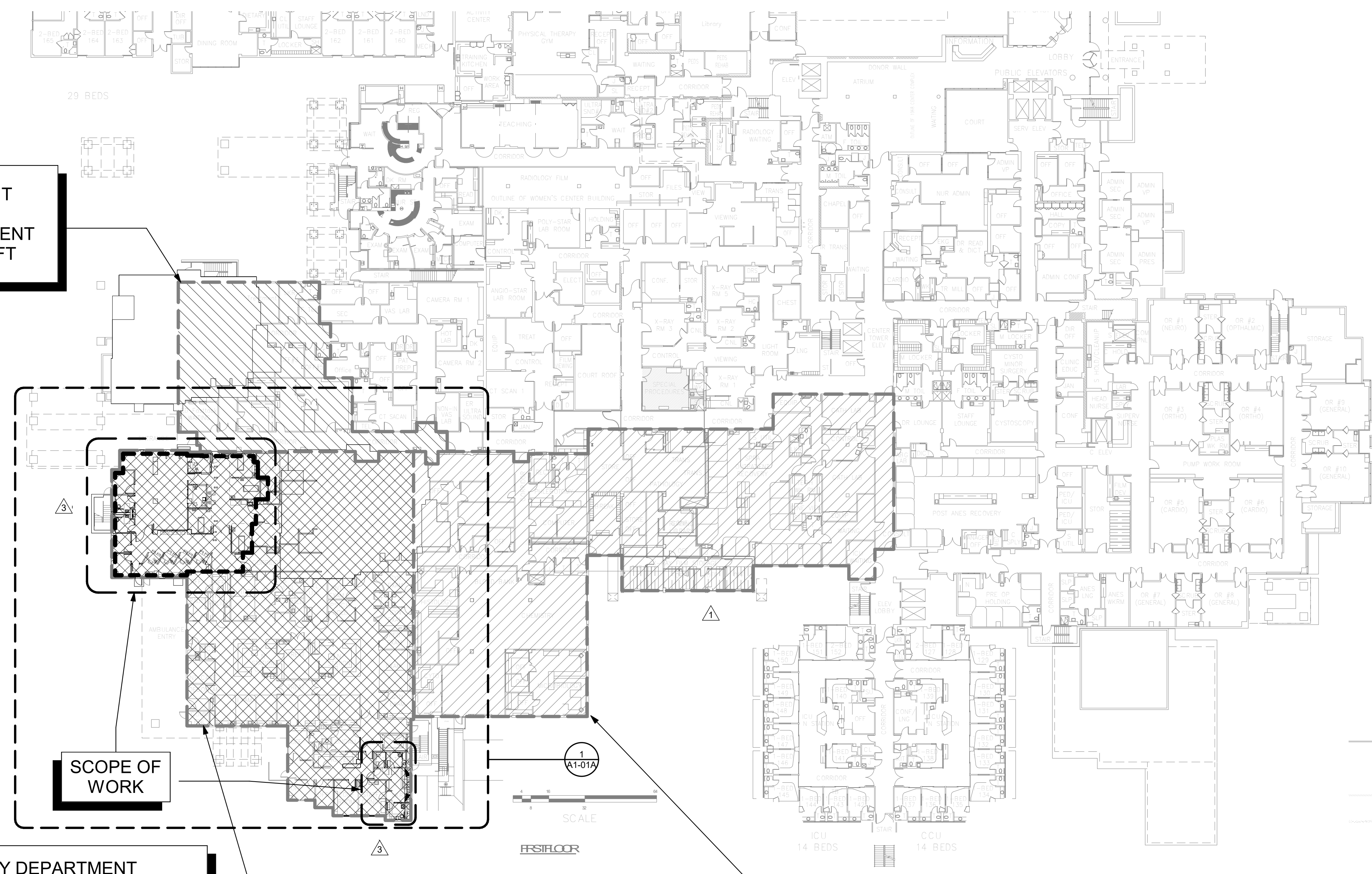
1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
2. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.

**PARTITION LEGEND:**

-  ACCESSIBLE PATH OF TRAVEL.
-  EGRESS PATH OF TRAVEL.
-  ONE-HOUR RATED CORRIDOR.
-  AREA OF CONCRETE SLAB.
-  INDICATES AN EXISTING MEMBRANE OF PARTITION OR PARTITION TO BE REMOVED. REFER TO DEMOLITION PLAN FOR FURTHER REQUIREMENTS.
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-  WALL TYPE REFERENCE REFER TO SHEET A5-01.

**PARTITION NOTES:**

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2. EXISTING WALL'S 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.



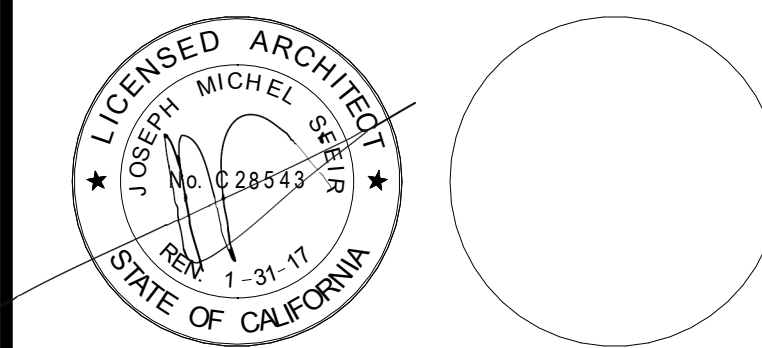
ADJACENT SMOKE COMPARTMENT  
5,770 SQ FT

SCOPE OF WORK

EMERGENCY DEPARTMENT BOUNDARY. SMOKE COMPARTMENT :  
16,390 SQ. FT. SEE A1-01A FOR ADDITIONAL INFORMATION.

① OVERALL FIRST FLOOR PLAN  
1" = 30'-0"

ADJACENT SMOKE COMPARTMENT  
18,950 SQ FT



REV	DESCRIPTION	DATE
1	OSHPD COMMENTS	12/01/16
2	DESIGN CHANGES	12/01/16
3	OSHPD COMMENTS	02/15/17
4	DESIGN CHANGES	02/15/17
5	OSHPD COMMENTS	08/11/17

REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

PROJECT TITLE:  
**OVERALL FIRST FLOOR PLAN**

PROJECT #:  
TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00 SHEET NUMBER:  
DRAWN BY: Author  
CHECKED BY: Checker  
SCALE: As indicated  
DATE: 08/03/16

**A1-01**

**TCMC  
EMERGENCY  
DEPARTMENT**

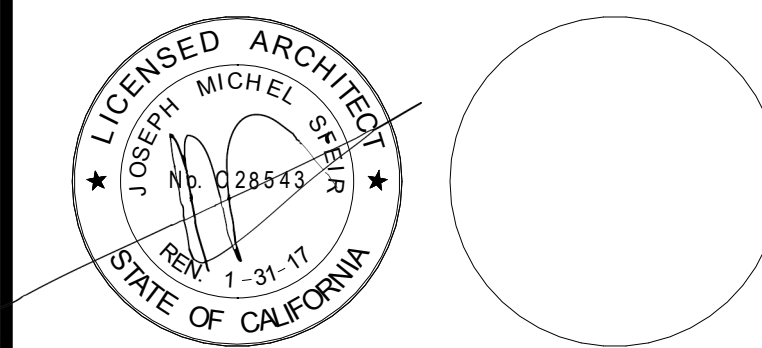
TRI-CITY MEDICAL  
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92056

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REV	DESCRIPTION	DATE
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5	OSHPD COMMENTS	08/11/17

REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

SHEET TITLE:  
**CODE COMPLIANCE  
FIRST FLOOR PLAN**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00 SHEET NUMBER:  
DRAWN BY: Author  
CHECKED BY: Checker  
SCALE: As indicated  
DATE: 08/03/16

**A1-01A**

**GENERAL NOTES:**

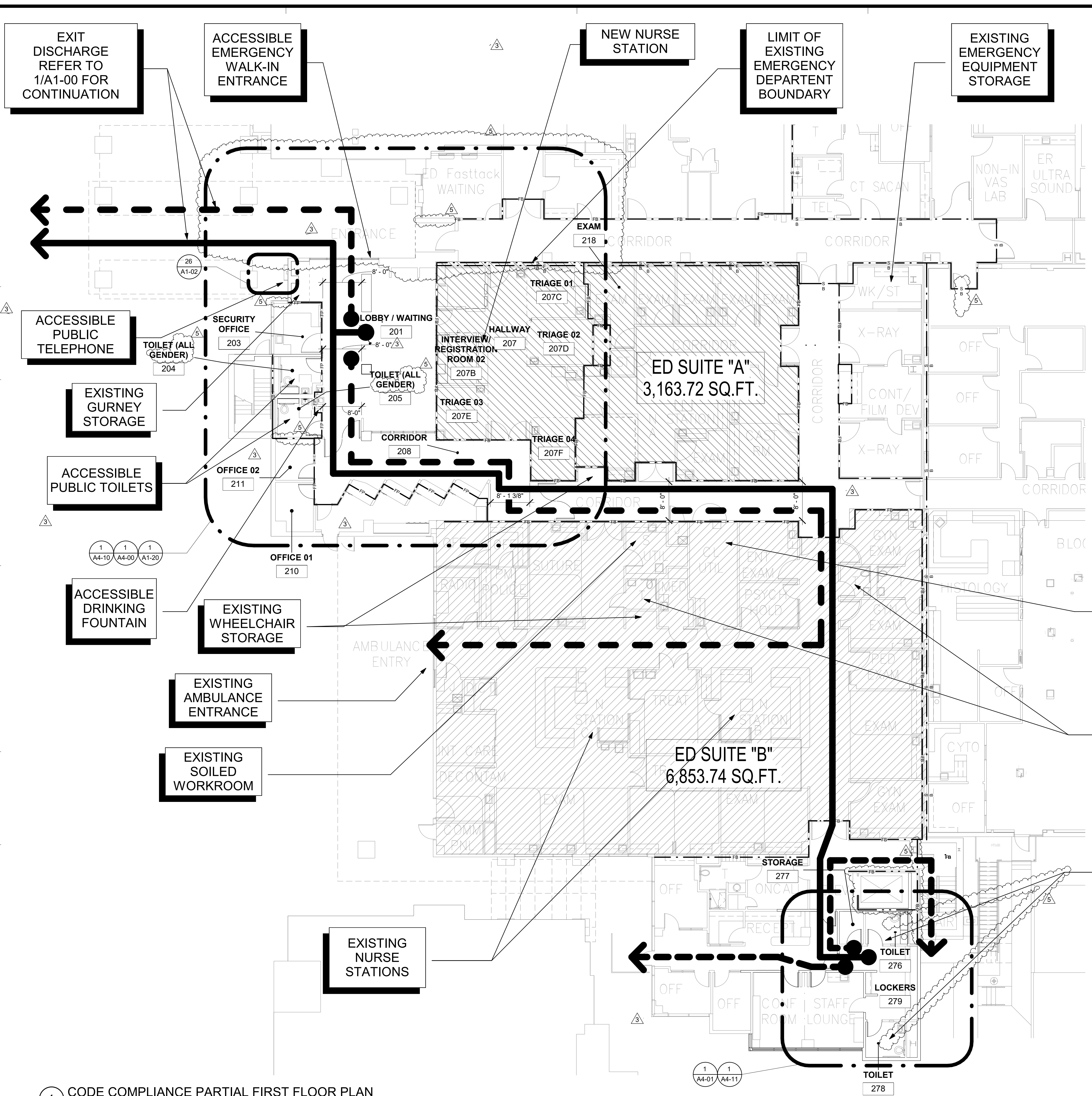
- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
- REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.

**CODE COMPLIANCE  
PARTITION LEGEND:**

- ACCESSIBLE PATH OF TRAVEL.
- EGRESS PATH OF TRAVEL.
- ONE-HOUR RATED CORRIDOR.
- INDICATES AN EXISTING 1 HOUR SMOKE BARRIER.
- INDICATES AN EXISTING ONE HOUR FIRE RATED PARTITION TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
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- INDICATES AN EXISTING TWO HOUR RATED FIRE BARRIER TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.

**SUITE LEGEND:**

- SUITE "A" 1947.77 SQ FT
- SUITE "B" 6853.74 SQ FT



**1** CODE COMPLIANCE PARTIAL FIRST FLOOR PLAN  
1" = 10'-0"

**TCMC  
EMERGENCY  
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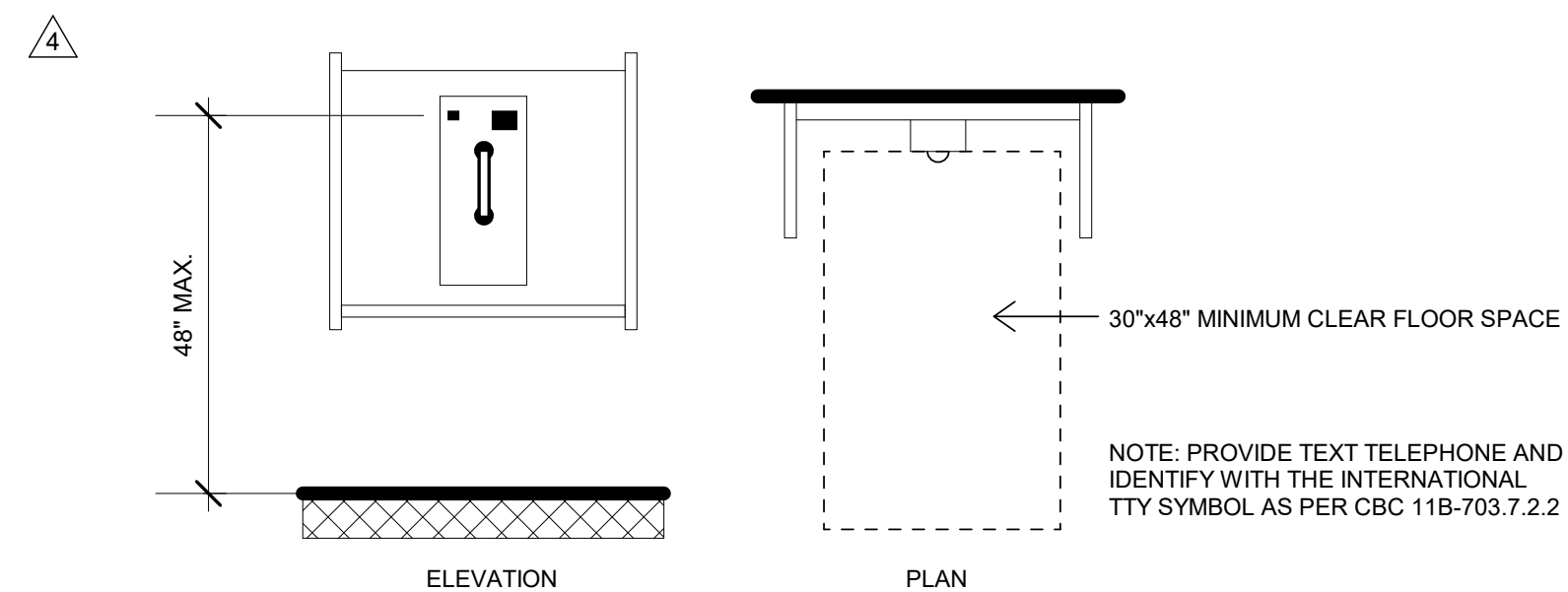
ARCHITECT: SFEIR ARCHITECTS  
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SAN DIEGO, CALIFORNIA 92101  
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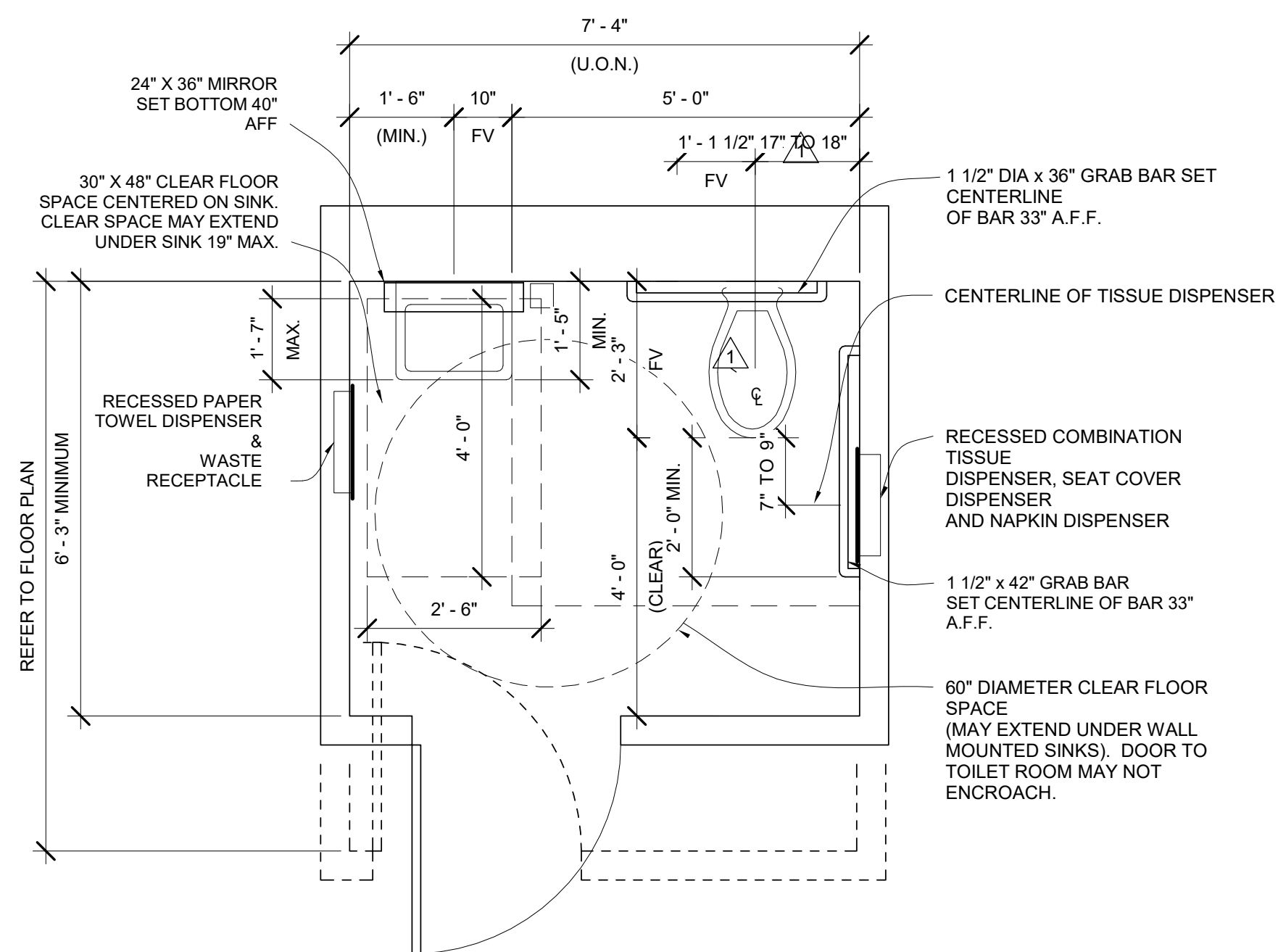
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**GENERAL NOTES:**

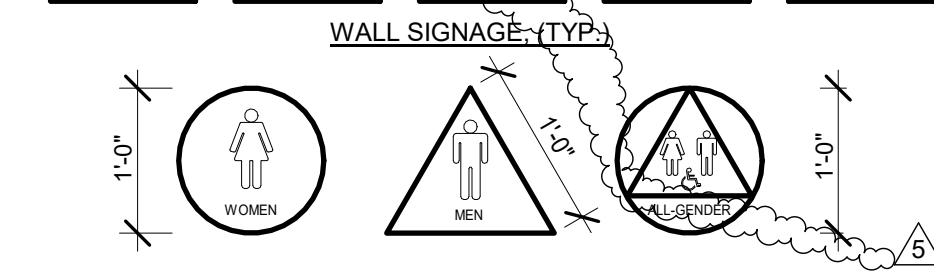
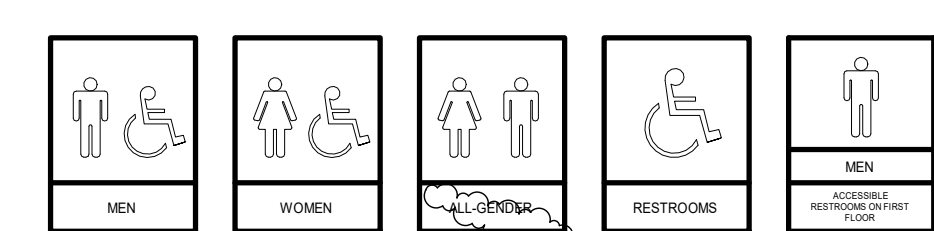
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**26 ACCESSIBLE TELEPHONE**  
1/2" = 1'-0"



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



NOTE: PICTOGRAMS AND/OR LETTERING ARE NOT REQ'D. ON DOOR-MOUNTED SIGNAGE

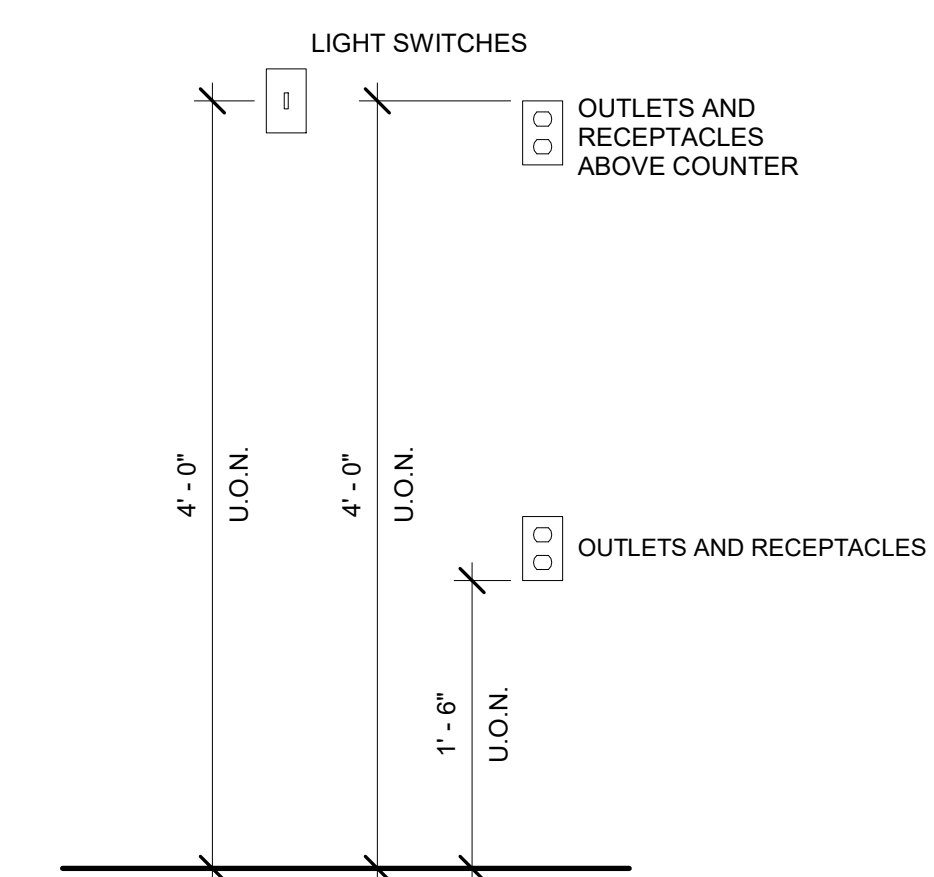
WALL MOUNTED SIGN TO BE ON LATCH SIDE OF DOOR CLEAR OF DOOR-SWING. SHALL BE LOCATED 48" MIN. ABOVE FINISH FLOOR, MEASURED FROM BASELINE OF THE LOWEST LINE OF BRAILLE AND 60" MAX. ABOVE THE FINISH FLOOR, MEASURED FROM THE BASELINE OF HIGHEST LINE OF RAISED CHARACTERS.

HEIGHT OF UPPERCASE LETTERING 5/8" MIN. TO 2" MAX.

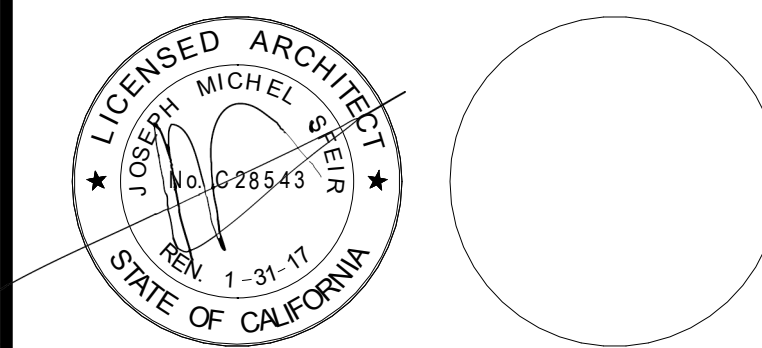
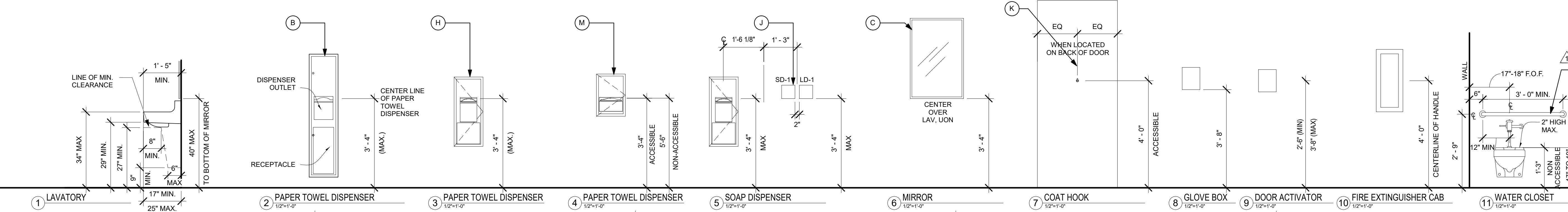
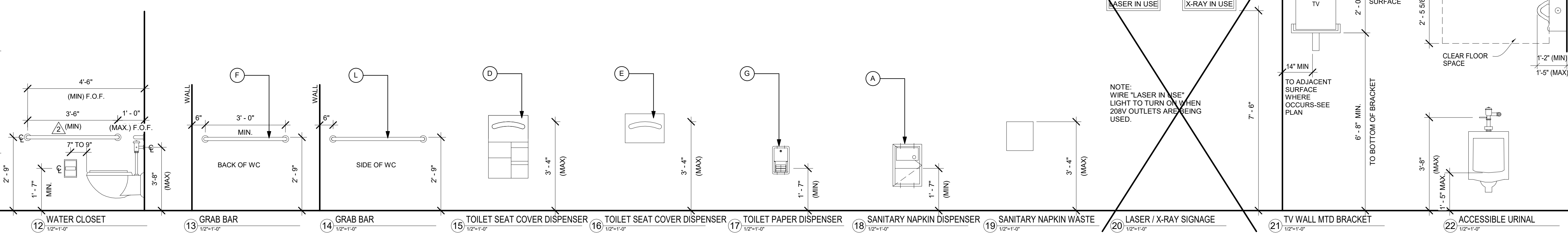


CONTRACTED GRADE 2 BRAILLE SHALL BE USED WHERE BRAILLE SYMBOLS ARE SPECIFICALLY REQ'D. IN OTHER PORTIONS OF THESE STANDARDS. DOTS SHALL BE SPACED 1/10 INCH (2.54 mm) ON CENTERS IN EA. CELL W/ 2/10" (5.08 mm) SPACED BETWEEN CELLS. DOTS SHALL BE RAISED A MIN. OF 1/40 INCH (.635 mm) ABOVE BACKGROUND. LETTERS AND SYMBOLS SHALL BE WHITE AND BACKGROUND SHALL BE EQUAL TO BLUE COLOR NO. 15090 IN FEDERAL STANDARD 595B.

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



**25 OUTLETS AND SWITCHES MOUNTING HEIGHT**  
1" = 1'-0"



REV	DESCRIPTION	DATE
1	OSHPD COMMENTS	12/01/16
2	DESIGN CHANGES	12/01/16
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4	DESIGN CHANGES	02/15/17
5	OSHPD COMMENTS	08/11/17

CONSULTANT

OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

**ADA COMPLIANCE  
DETAILS**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT #:  
01593.00

SCALE:  
As indicated

DATE:  
08/03/16

SHEET NUMBER:  
A1-02

**TCMC  
EMERGENCY  
DEPARTMENT**

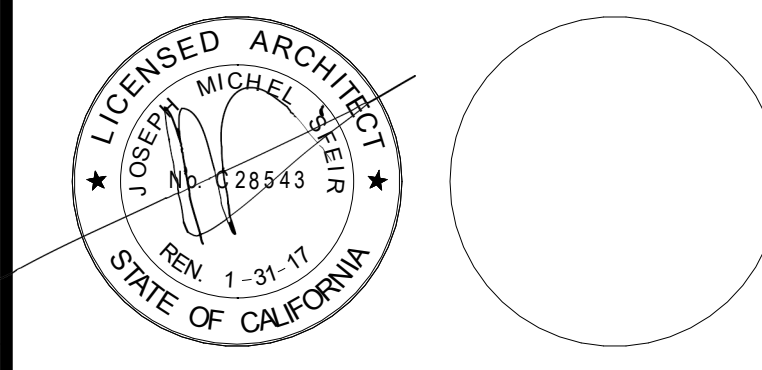
**TRI-CITY MEDICAL  
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5	OSHPD COMMENTS	08/11/17

REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

SHEET TITLE:  
**1/8" OVERALL FIRST  
FLOOR PLAN - PHASING**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00  
DRAWN BY: Author  
CHECKED BY: Checker  
SCALE: As indicated  
DATE: 08/03/16

SHEET NUMBER:  
**A1-20**

**GENERAL NOTES:**

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**PARTITION LEGEND:**

- ACCESSIBLE PATH OF TRAVEL.
- EGRESS PATH OF TRAVEL.
- ONE-HOUR RATED CORRIDOR.
- AREA OF CONCRETE SLAB.
- INDICATES AN EXISTING MEMBRANE OF PARTITION OR PARTITION TO BE REMOVED. REFER TO DEMOLITION PLAN FOR FURTHER REQUIREMENTS.
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- INDICATES A NEW SMOKE PARTITION
- INDICATES A NEW ONE HOUR RATED FIRE 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 ONE HOUR RATED FIRE BARRIER EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- THICK LINE INDICATES NEW SURFACE FINISH.
- 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 REFERENCE REFER TO SHEET A5-01.

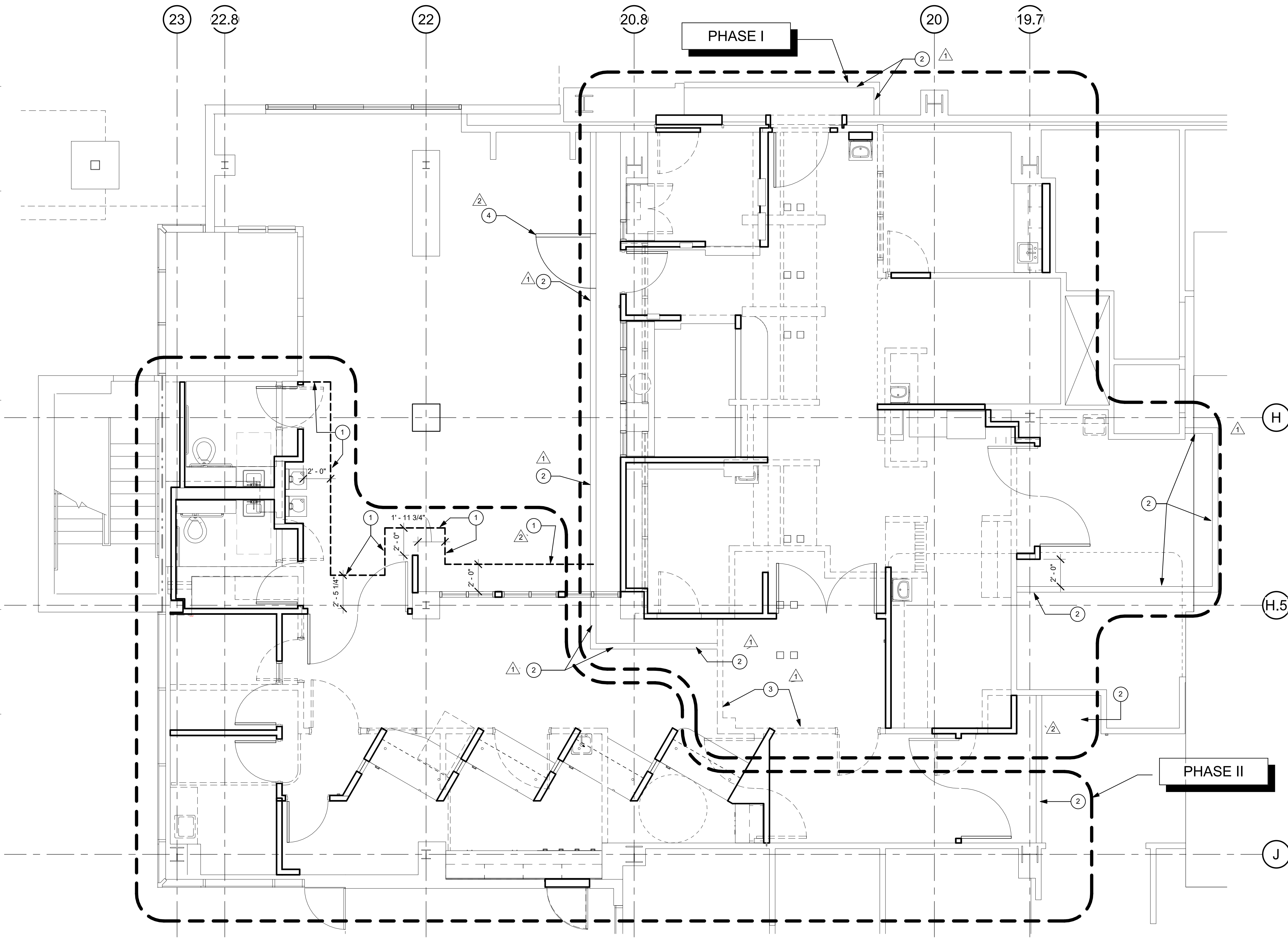
- PARTITION NOTES:**
- ALL DIMENSIONS SHOWN ARE TO FINISHED FACE OF GYP. BOARD. TYPICAL U.O.N. REFER TO SHEET A5-00 FOR GENERAL NOTES AND REQUIREMENTS FOR PARTITIONS.
  - EXISTING WALL'S WERE CONSTRUCTED WITH MANY PERMITS AND/OR CONTRACTS. FIELD VERIFY CONSTRUCTION AND WIDTH PRIOR TO FABRICATION OF DOOR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

**PHASING NOTES:**

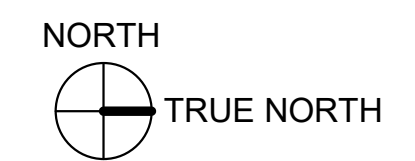
- PHASE I:**
- ERECT INFECTION CONTROL PARTITION.
  - REMOVE EXISTING REGISTRATION.
  - CONSTRUCT NEW EXAM AND TRIAGE ROOMS.
  - CONSTRUCT NEW STAFF TOILET ROOMS.
- PHASE II:**
- ERECT INFECTION CONTROL PARTITION.
  - REMOVE EXISTING TRIAGE.
  - CONSTRUCT NEW REGISTRATION AREA & PUBLIC TOILET ROOMS.

**PHASING PLAN KEYNOTES:**

- VISQUEEN SHEETING WITH ZIPPER.
- TEMPORARY 1 HOUR RATED GYPSUM WALL BOARD PARTITION FROM FLOOR TO UNDERSIDE OF PARTITION ABOVE.
- EXISTING 1 HOUR RATED PARTITION TO REMAIN IN PHASE 1
- 1 HOUR RATED TEMPORARY DOOR.



**1 PHASING PLAN**  
1/4" = 1'-0"



**TCMC  
EMERGENCY  
DEPARTMENT**

**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  
1350 COLUMBIA STREET, SUITE 603  
SAN DIEGO, CALIFORNIA 92101  
TEL(619)299-3917 FAX(619)299-5084



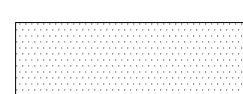
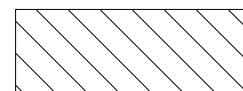
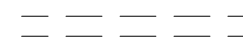
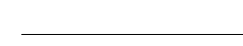
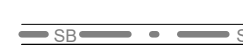









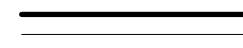
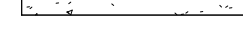
STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.  
2091 LAS PALMAS DRIVE, SUITE D  
CARLSBAD, CALIFORNIA 92011  
TEL(760)438-1188

ME&P: P2S  
9665 CHESAPEAKE DRIVE, SUITE 230  
SAN DIEGO, CALIFORNIA 92123  
TEL(619)618-2347 FAX(619)330-0668

**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.

**PARTITION LEGEND:**

-  ACCESSIBLE PATH OF TRAVEL.
-  EGRESS PATH OF TRAVEL.
-  ONE-HOUR RATED CORRIDOR.
-  AREA OF CONCRETE SLAB.
-  INDICATES AN EXISTING MEMBRANE OF PARTITION OR PARTITION TO BE REMOVED. REFER TO DEMOLITION PLAN FOR FURTHER REQUIREMENTS.
-  INDICATES AN EXISTING PARTITION TO REMAIN. REFER TO PLAN FOR UPGRADE REQUIREMENTS.
-  INDICATES AN EXISTING 1 HOUR SMOKE BARRIER
-  INDICATES AN EXISTING SMOKE PARTITION
-  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 ONE HOUR RATED FIRE BARRIER TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
-  INDICATES AN EXISTING TWO HOUR RATED FIRE BARRIER TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
-  INDICATES A NEW SMOKE BARRIER
-  INDICATES A NEW SMOKE PARTITION
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-  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 REFERENCE REFER TO SHEET A5-01.

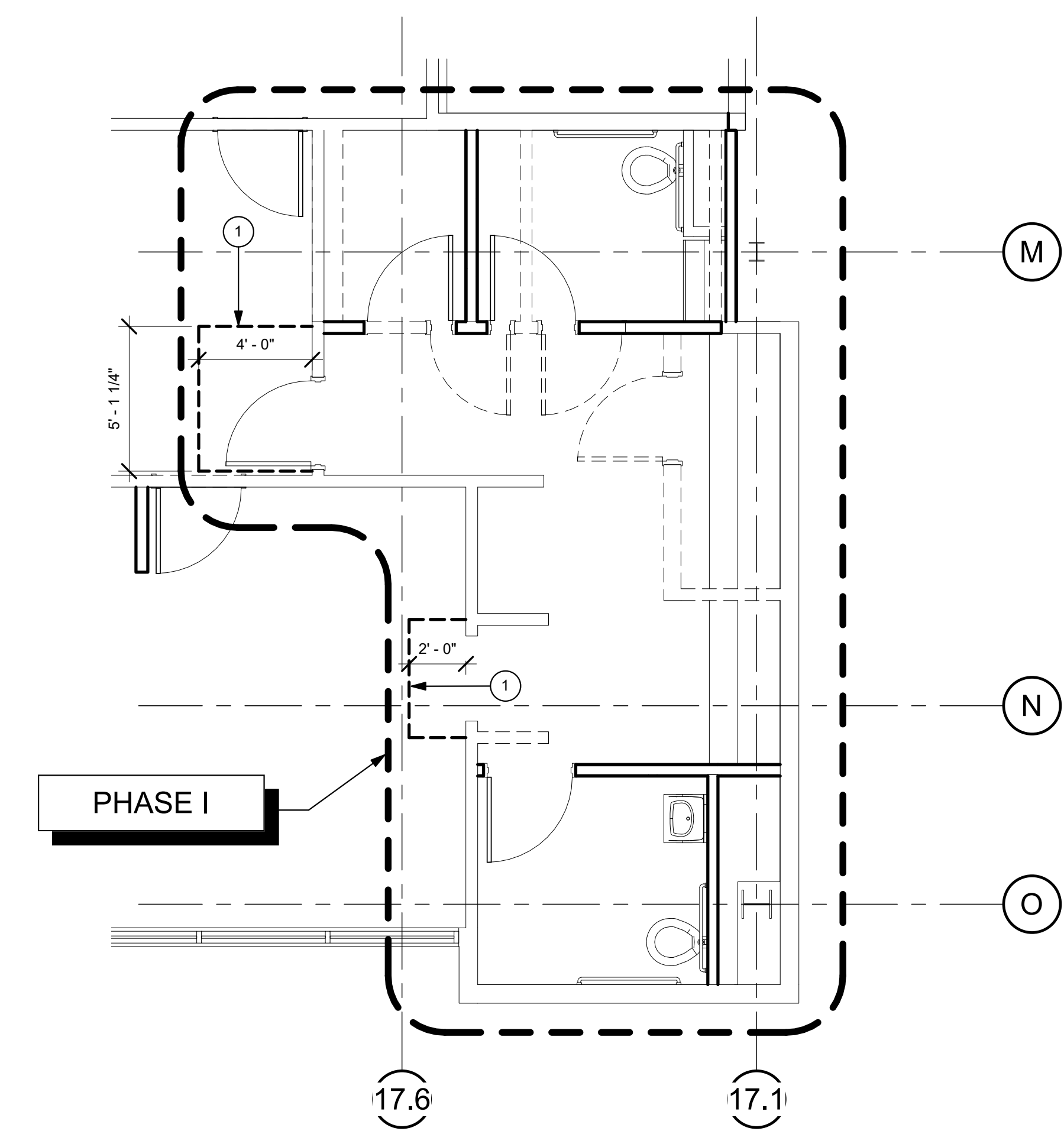
- PARTITION NOTES:**
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  2. EXISTING WALL'S WERE CONSTRUCTED WITH MANY PERMITS AND/OR CONTRACTS. FIELD VERIFY CONSTRUCTION AND WIDTH PRIOR TO FABRICATION OF DOOR FRAMES OR COMPONENTS WHICH REQUIRE THE WIDTH OF WALL TO BE SET.

**PHASING NOTES:**

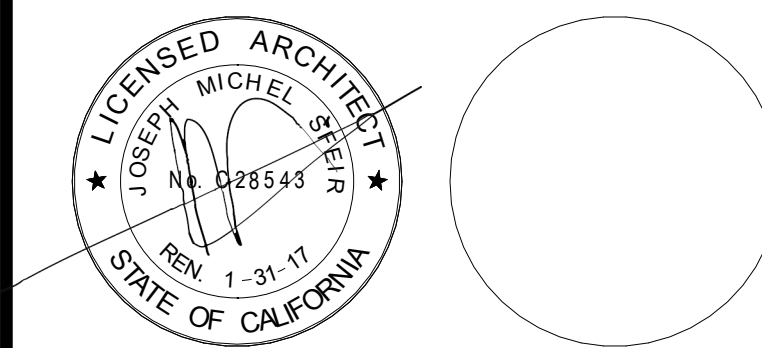
- PHASE I:**
1. ERECT INFECTION CONTROL PARTITION.
  2. REMOVE EXISTING REGISTRATION.
  3. CONSTRUCT NEW EXAM AND TRIAGE ROOMS.
  4. CONSTRUCT NEW STAFF TOILET ROOMS.
- PHASE II:**
1. ERECT INFECTION CONTROL PARTITION.
  2. REMOVE EXISTING TRIAGE.
  3. CONSTRUCT NEW REGISTRATION AREA & PUBLIC TOILET ROOMS.

**PHASING PLAN KEYNOTES:**

- 1 VISQUEEN SHEETING WITH ZIPPER.
- 2 TEMPORARY 1 HOUR RATED GYPSUM WALL BOARD PARTITION FROM FLOOR TO UNDERSIDE OF PARTITION ABOVE.
- 3 EXISTING 1 HOUR RATED PARTITION TO REMAIN IN PHASE 1
- 4 1 HOUR RATED TEMPORARY DOOR.



**1 PHASING PLAN - STAFF TOILETS**  
1/4" = 1'-0"



REV	DESCRIPTION	DATE
1	OSHPD COMMENTS	12/01/16
2	DESIGN CHANGES	12/01/16
3	OSHPD COMMENTS	02/15/17
4	DESIGN CHANGES	02/15/17
5	OSHPD COMMENTS	08/11/17

REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

SHEET TITLE:  
**1/8" PARTIAL FIRST  
FLOOR PLAN - PHASING**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00 SHEET NUMBER: 3  
DRAWN BY: Author  
CHECKED BY: Checker  
SCALE: As indicated  
DATE: 08/03/16

**A1-21**



**DEMOLITION KEYNOTES:**

- 1 REMOVE EXISTING PARTITION IN ITS ENTIRETY.
- 2 REMOVE EXISTING DOOR AND DOOR FRAME.
- 3 EXISTING DOOR AND DOOR FRAME TO REMAIN.
- 4 REMOVE EXISTING MILLWORK.
- 5 REMOVE EXISTING WINDOW AND WINDOW FRAME.
- 6 REMOVE EXISTING CUBICLE CURTAIN AND TRACK.
- 7 REMOVE EXISTING EQUIPMENT.
- 8 REMOVE EXISTING MED. GASES. PATCH EXISTING WALL.
- 9 REMOVE EXISTING PLUMBING FIXTURES AND ACCESSORIES.

- 10 REMOVE GWB FROM EXISTING WALL.
- 11 REMOVE EXISTING FLOOR OUTLET AND FILL WITH CONCRETE. SEE ELECTRICAL AND STRUCTURAL DRAWINGS.
- 12 REMOVE EXISTING FLOOR FINISHES AND BASE.
- 13 REMOVE EXISTING KNEE WALL.
- 14 SAWCUT EXISTING CONCRETE FLOOR SLAB TO EXTEND PLUMBING LINES TO NEW PLUMBING FIXTURES.
- 15 REMOVE EXISTING LOCKERS.
- 16 REMOVE EXISTING LOCKER BENCHES.
- 17 REMOVE EXISTING SHOWER STALL FIXTURES, ACCESSORIES AND FINISHES. CHIP OUT EXISTING MORTAR BED AND PREP SURFACE OF EXISTING CONCRETE SLAB FOR NEW CONCRETE TOPPING.

- 18 REMOVE EXISTING FLOOR FINISH AND BASE.
- 19 REMOVE EXISTING FLOOR OUTLET AND FILL WITH CONCRETE. SEE ELECTRICAL AND STRUCTURAL DRAWINGS.
- 20 REMOVE EXISTING VERTICAL DRAIN PIPE, CAP OFF AT HORIZONTAL LINE AND INFILL CONCRETE SLAB PENETRATION TO MATCH EXISTING. SEE PLUMBING DRAWINGS.
- 21 CUT PENETRATION IN EXISTING CONCRETE SLAB FOR NEW DRAIN LINES. SEE PLUMBING DRAWINGS.

**DEMOLITION GENERAL NOTES (CONTINUED):**

- 17. 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.
- 18. 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.
- 19. GENERAL CONTRACTOR TO PROVIDE NEGATIVE PRESSURE IN EACH PHASE AND FILTER THE AIR WITH HEPA FILTRATION AND EXHAUST FILTER AIR THROUGH EXTERIOR WINDOWS. G.G. TO SECURE AN INFECTION CONTROL PERMIT FROM TRI-CITY MEDICAL CENTER PRIOR TO STARTING CONSTRUCTION.

**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.

**PARTITION LEGEND:**

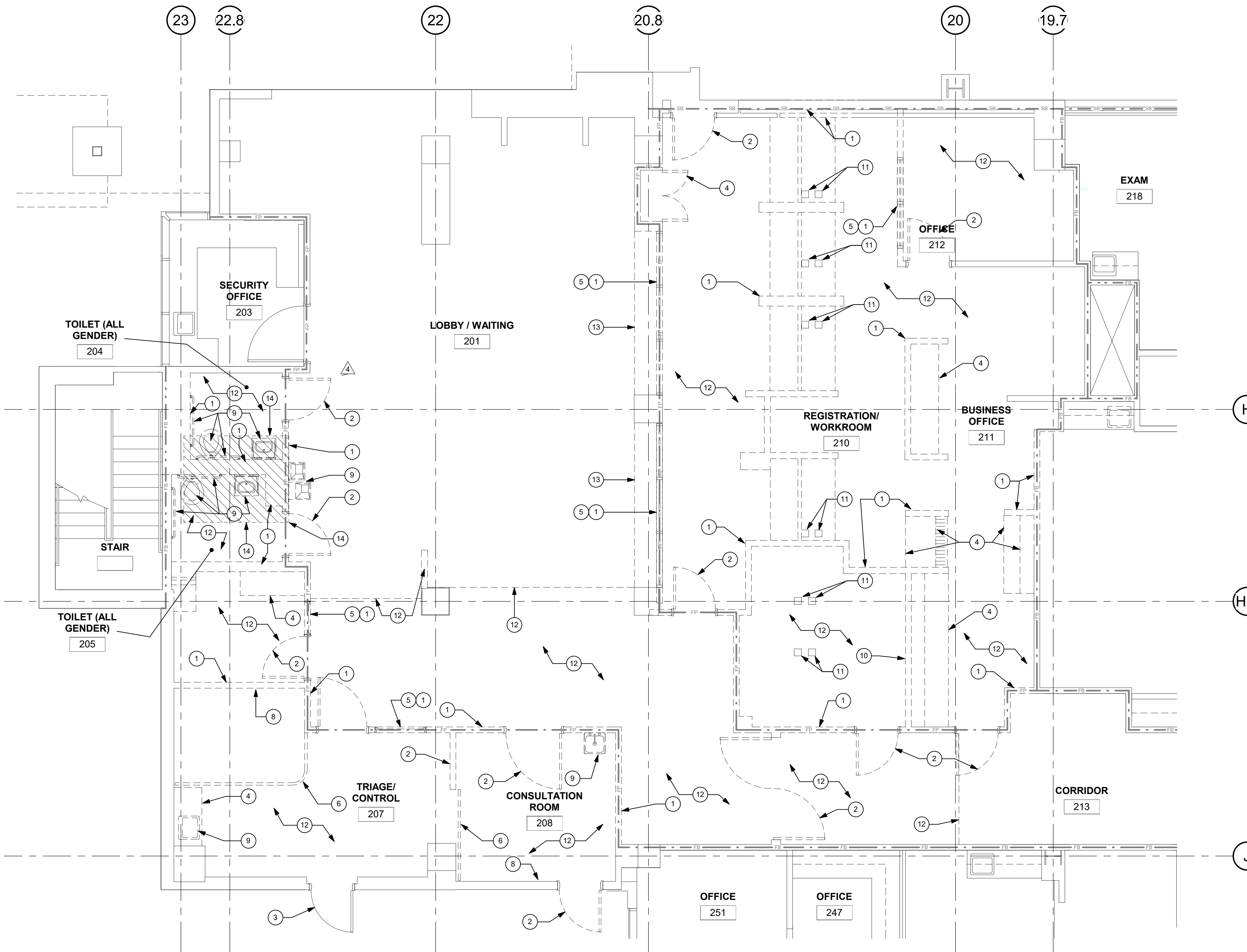
- ACCESSIBLE PATH OF TRAVEL.
- EGRESS PATH OF TRAVEL.
- ONE-HOUR RATED CORRIDOR.
- SAW CUT AREA OF CONCRETE SLAB. (EXISTING).
- INDICATES AN EXISTING MEMBRANE OF PARTITION OR PARTITION TO BE REMOVED. REFER TO DEMOLITION PLAN FOR FURTHER REQUIREMENTS.
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- WALL TYPE REFERENCE REFER TO SHEET A5-01.

**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.

**DEMOLITION GENERAL 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 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.
- 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 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.
- 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 AREA, EQUIPMENT, CABINETS ETC. ADJACENT TO THE AREA OF WORK.
- 16. 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 WORKION.



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



1350 Columbia Street, Suite 603  
San Diego, CA 92101  
P: 619-299-3917  
F: 619-299-5084  
www.sfeirarch.com

**TCMC  
EMERGENCY  
DEPARTMENT**

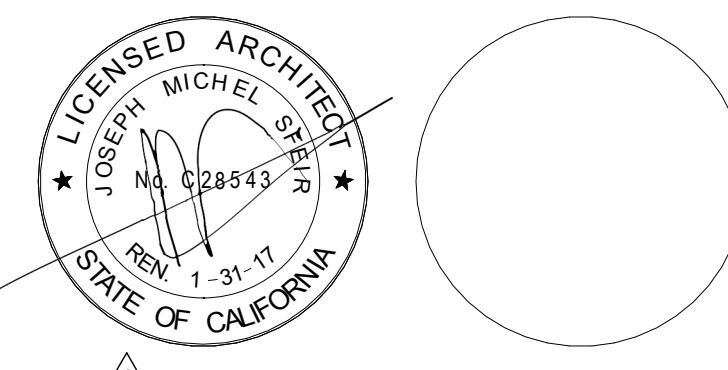
**TRI-CITY MEDICAL  
CENTER**  
4002 VISTA WAY  
OCEANSIDE, CALIFORNIA  
92056

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

ARCHITECT: SFEIR ARCHITECTS  
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SAN DIEGO, CALIFORNIA 92101  
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2091 LAS PALMAS DRIVE, SUITE D  
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REVISION	DESCRIPTION	DATE
1	OSHPD COMMENTS	12/01/16
2	DESIGN CHANGES	12/01/16
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5	OSHPD COMMENTS	08/11/17

REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

SHEET TITLE:  
**1/4" PARTIAL DEMO  
FIRST**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00 SHEET NUMBER:  
DRAWN BY: Author  
CHECKED BY: Checker  
SCALE: As indicated  
DATE: 08/03/16

**A4-00**

**DEMOLITION KEYNOTES:**

- ① REMOVE EXISTING PARTITION IN ITS ENTIRETY.
- ② REMOVE EXISTING DOOR AND DOOR FRAME.
- ③ EXISTING DOOR AND DOOR FRAME TO REMAIN.
- ④ REMOVE EXISTING MILLWORK.
- ⑤ REMOVE EXISTING WINDOW AND WINDOW FRAME.
- ⑥ REMOVE EXISTING CUBICLE CURTAIN AND TRACK.
- ⑦ REMOVE EXISTING EQUIPMENT.
- ⑧ REMOVE EXISTING MED. GASES. PATCH EXISTING WALL.
- ⑨ REMOVE EXISTING PLUMBING FIXTURES AND ACCESSORIES.
- ⑩ REMOVE GWB FROM EXISTING WALL.
- ⑪ REMOVE EXISTING FLOOR OUTLET AND FILL WITH CONCRETE. SEE ELECTRICAL AND STRUCTURAL DRAWINGS.
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- ⑬ REMOVE EXISTING KNEE WALL.
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- ⑮ REMOVE EXISTING LOCKERS.
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- ⑰ REMOVE EXISTING SHOWER STALL FIXTURES, ACCESSORIES AND FINISHES. CHIP OUT EXISTING MORTAR BED AND PREP SURFACE OF EXISTING CONCRETE SLAB FOR NEW CONCRETE TOPPING.
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- ⑲ REMOVE EXISTING FLOOR OUTLET AND FILL WITH CONCRETE. SEE ELECTRICAL AND STRUCTURAL DRAWINGS.
- ⑳ REMOVE EXISTING VERTICAL DRAIN PIPE, CAP OFF AT HORIZONTAL LINE AND INFILL CONCRETE SLAB PENETRATION TO MATCH EXISTING. SEE PLUMBING DRAWINGS.
- ㉑ CUT PENETRATION IN EXISTING CONCRETE SLAB FOR NEW DRAIN LINES. SEE PLUMBING DRAWINGS.

**DEMOLITION GENERAL NOTES (CONTINUED):**

- 17. 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.
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**PARTITION LEGEND:**

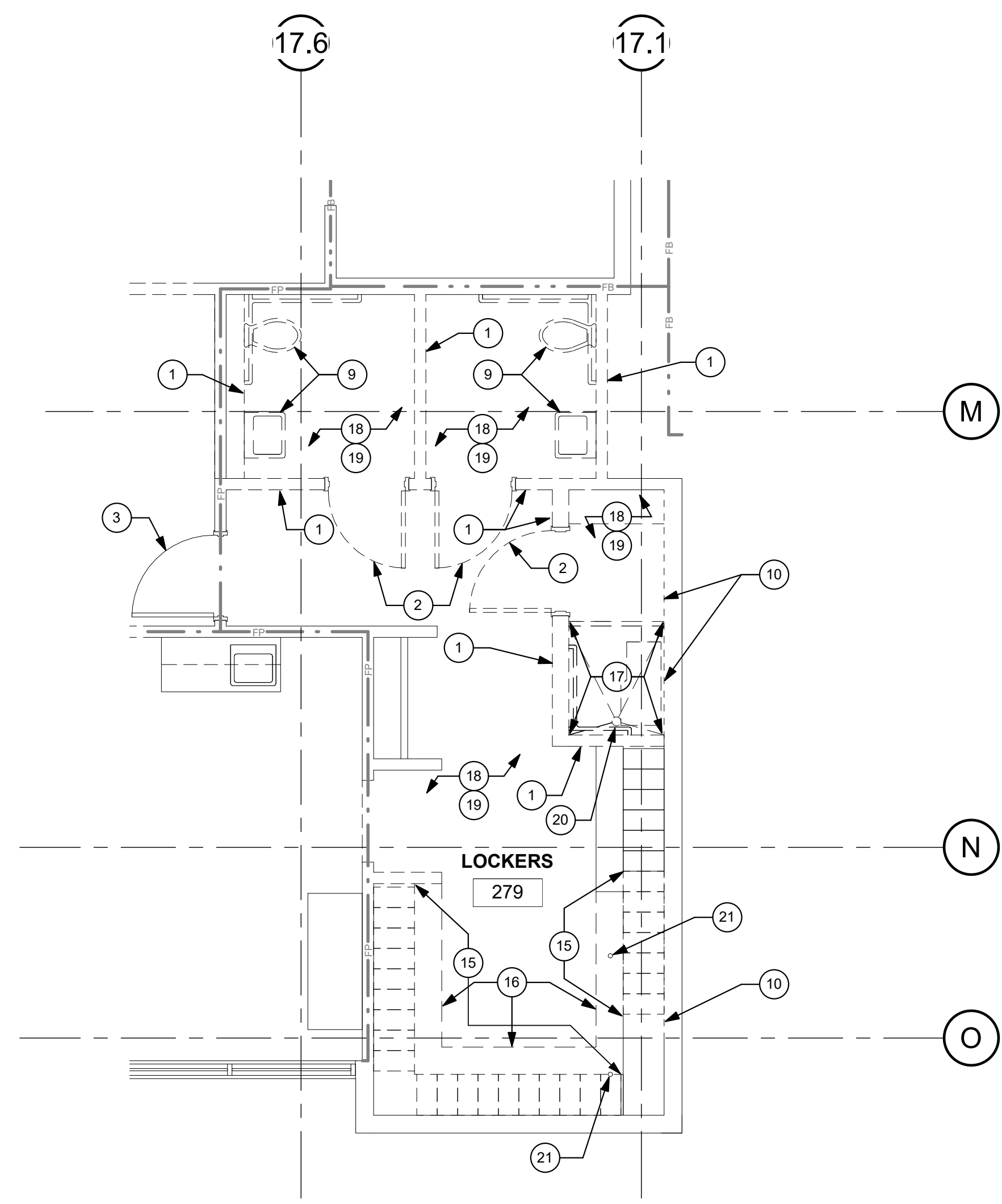
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- WALL TYPE REFERENCE REFER TO SHEET A5-01.

**PARTITION NOTES:**

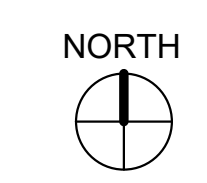
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- 2. EXISTING WALL'S WERE CONSTRUCTED WITH MANY PERMITS AND/OR CONTRACTS. FIELD VERIFY CONSTRUCTION AND WIDTH PRIOR TO FABRICATION OF DOOR FRAMES OR COMPONENTS WHICH REQUIRE THE WIDTH OF WALL TO BE SET.

**DEMOLITION GENERAL 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 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.
- 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 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.
- 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 AREA, EQUIPMENT, CABINETRY ETC. ADJACENT TO THE AREA OF WORK
- 16. 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 WORKION.



① FIRST LEVEL DEMO PLAN - LOCKER ROOM  
1/4" = 1'-0"



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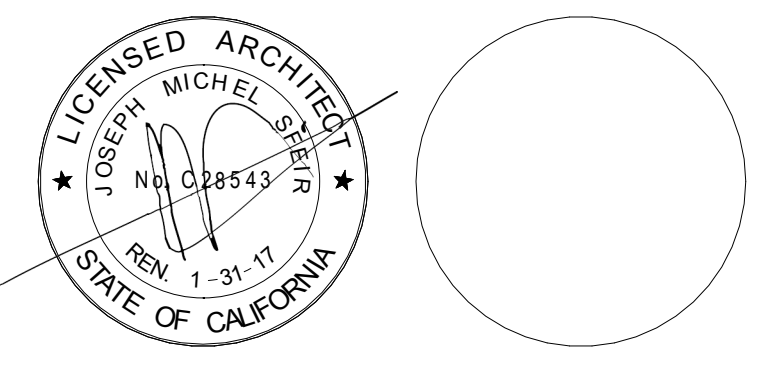
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OSHPD COMMENTS	12/01/16
DESIGN CHANGES	12/01/16
OSHPD COMMENTS	02/15/17
DESIGN CHANGES	02/15/17
OSHPD COMMENTS	08/11/17

REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

SHEET TITLE:  
**1/4" PARTIAL DEMO  
FIRST**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00 SHEET NUMBER:  
DRAWN BY: Author  
CHECKED BY: Checker  
SCALE: As indicated  
DATE: 08/03/16

**A4-01**

**FLOOR PLAN KEYNOTES:**

- 1 ONE HOUR RATED PARTITION TO FILL DOOR OPENING. SEE DETAIL 2/A5-81.
- 2 NEW HANDWASHING FIXTURE.
- 3 NEW MILLWORK.
- 4 NEW RATED PARTITIONS.
- 5 NEW NON-RATED PARTITIONS.
- 6 NEW CUBICLE CURTAIN AND TRACK.
- 7 CARD READER.
- 8 EAR, NOSE & THROAT.
- 9 NURSE CALL STATION.
- 10 PILLOW SPEAKER.
- 11 ELECTRONIC DOOR RELEASE BUTTON CONNECTED TO DOOR 208-A ON ACCESS ONLY.
- 12 ADD MTL. FRAMING AND GWB TO EXISTING NON-RATED PARTITION TO MAKE ONE HOUR RATED.
- 13 NEW SHEET VINYL FLOORING AND BASE.
- 14 NEW LUXURY TILE FLOORING AND BASE.
- 15 NEW CARPET AND BASE.
- 16 NEW NURSE CALL PANEL. FOR ANCHORAGE SEE 1/SD2 AND 8B/A5-81. SEISMIC CERTIFICATION PER OSP-0306-10.
- 17 MED GAS PANEL. FOR ANCHORAGE SEE 1/SD2, AND 8A/A5-81.
- 18 ELECTRICAL PANEL. FOR ANCHORAGE SEE 1/SD2 AND 8B/A5-81.
- 19 FIRE RATED GLASS, TEMPERED.
- 20 REMOVE FLOOR POWER OUTLET BOXES AND INFILL AS PER STRUCTURAL DETAIL 3/SD2.
- 21 PUSH PLATE.
- 22 FRAME ELEVATION ON A6-00.
- 23 NEW ACCESSIBLE DRINKING FOUNTAINS.
- 24 NEW NURSE STATION.
- 25 EXISTING WHEELCHAIR STORAGE.
- 26 EXISTING GURNEY STORAGE.
- 27 EXISTING LOCKERS. PRIME AND PAINT.
- 28 CONTINUOUS ACROVYN CHAIR RAIL. TOP OF RAIL AT 3'-0" A.F.F.

**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 A6-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.

**GENERAL FLOOR PLAN 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 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 AND FLOOR ABOVE 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 A6-00 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. VERIFY ALL DIMENSIONS WITH EQUIPMENT SCHEDULE PRIOR TO START OF CONSTRUCTION.
- 11. REFER TO EQUIPMENT PLAN, CEILING PLAN, INTERIOR ELEVATIONS AND ROOM FINISH SCHEDULE ALONG WITH MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, AND FIRE ALARM SECTIONS FOR FURTHER DESCRIPTION OF SCOPE OF WORK.
- 12. REFER TO FINISH PLAN AND SCHEDULE AND INTERIOR DESIGN DOCUMENTS FOR TYPES OF FINISHES.
- 13. FOR DOOR INFORMATION REFER TO DOOR SCHEDULE, SHEET A6-00.
- 14. REFER TO SHEETS A1-00, A1-02 AND A1-04 FOR ACCESSIBILITY REQUIREMENTS.
- 15. PROVIDE ACOUSTICAL INSULATION IN ALL NEW WALL ASSEMBLIES.
- 16. THE GENERAL CONTRACTOR SHALL VERIFY THE LEVELNESS OF THE SLAB AT ALL NEW DOOR LOCATIONS PRIOR TO CONSTRUCTION. APPLY LEVELING MATERIAL AS NECESSARY DURING CONSTRUCTION TO ACHIEVE MAX. OF 3/8" CLEARANCE FROM FINISH FLOOR TO UNDERSIDE OF NEW DOOR, REPLACE FINISHES TO MATCH EXISTING AS NEEDED.
- 17. THE GENERAL CONTRACTOR SHALL SEISMICALLY ANCHOR ALL EXISTING AND NEW BUILDING SYSTEMS ABOVE CEILING INCLUDING BUT NOT LIMITED TO DUCTWORK, ELECTRICAL CONDUITS AND TRAYS, SPRINKLER PIPES, PLUMBING PIPES, ETC. REFER TO A6-00 FOR MORE INFORMATION.

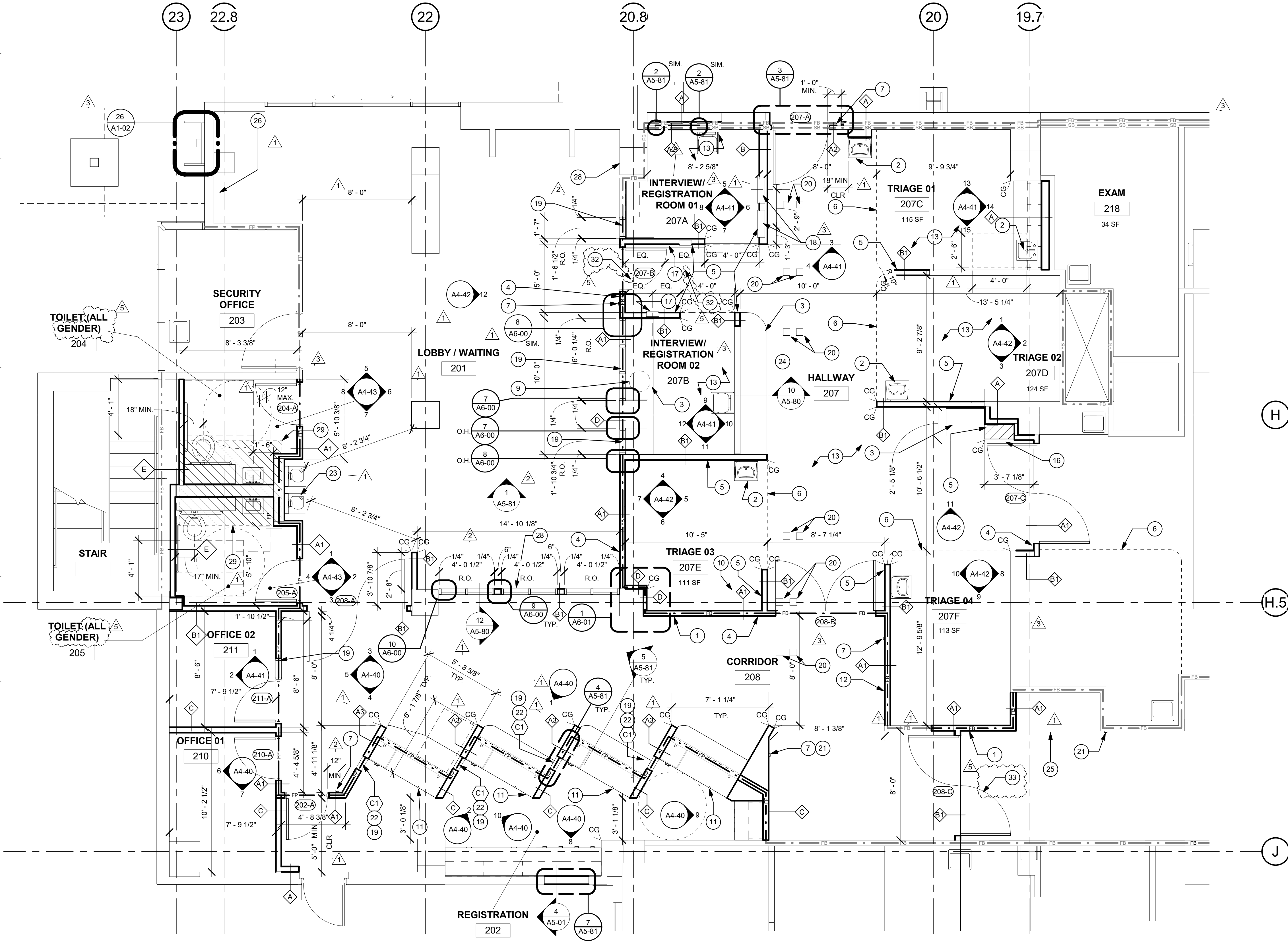
29 NEW CONCRETE TOPPING SLAB TO MATCH EXISTING - SEE STRUCTURAL DETAIL 4/SD4. PREP SLAB FOR NEW FLOOR FINISH.

30 EXISTING FINISH TO REMAIN.

31 PRESERVED LOCKERS TO BE PRIMED, PAINTED AND REINSTALLED.

32 THIS IS CONSIDERED A "LIGHT TRAFFIC" CORRIDOR.

33 PROVIDE SIGN LOCATED ABOVE AND WITHIN 12 INCHES OF RELEASE DEVICE READING: "KEEP PUSHING. THIS DOOR WILL OPEN IN 15 SECONDS. ALARM WILL SOUND." AND TACTILE SIGN AND RAISED CHARACTERS PER 24/A1-02. AND SHALL FULFILL ALL OTHER REQUIREMENTS FOR A "DELAYED EGRESS" DOOR PER CBC 2013 1008.1.8.6.



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

**PARTITION LEGEND:**

- ACCESSIBLE PATH OF TRAVEL.
- EGRESS PATH OF TRAVEL.
- ONE-HOUR RATED CORRIDOR.
- INFILLED AREA OF CONCRETE SLAB. (NEW).
- INDICATES AN EXISTING MEMBRANE OF PARTITION OR PARTITION TO BE REMOVED. REFER TO DEMOLITION PLAN FOR FURTHER REQUIREMENTS.
- INDICATES AN EXISTING 1 HOUR SMOKE BARRIER
- INDICATES AN EXISTING SMOKE PARTITION
- 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 RATED FIRE BARRIER TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES A NEW SMOKE BARRIER
- INDICATES A NEW SMOKE PARTITION
- INDICATES A NEW ONE HOUR RATED FIRE 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 ONE HOUR RATED FIRE BARRIER EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- THICK LINE INDICATES NEW SURFACE FINISH.
- 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 REFERENCE REFER TO SHEET A5-01.

- 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.
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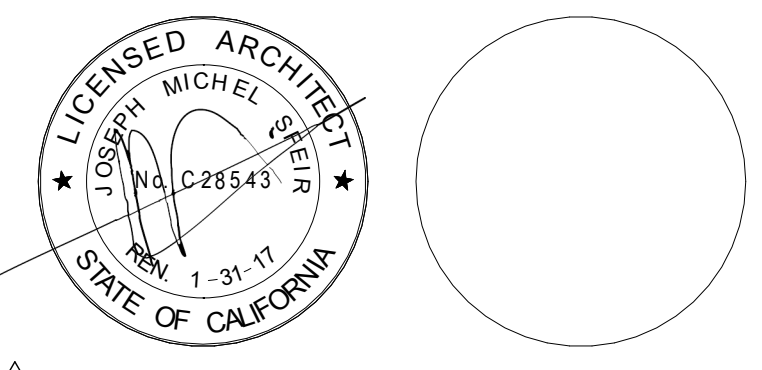
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REV	DESCRIPTION	DATE
1	OSHPD COMMENTS	12/01/16
2	DESIGN CHANGES	12/01/16
3	OSHPD COMMENTS	02/15/17
4	DESIGN CHANGES	02/15/17
5	OSHPD COMMENTS	08/11/17

OSHPD APPROVAL STAMP:  
OSHPD # S162093-37-00

SHEET TITLE:  
**1/4" PARTIAL FIRST**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00  
DRAWN BY: Author  
CHECKED BY: Checker  
SCALE: As indicated  
DATE: 08/03/16

SHEET NUMBER:  
**A4-10**

**FLOOR PLAN KEYNOTES:**

- ① ONE HOUR RATED PARTITION TO FILL DOOR OPENING. SEE DETAIL 2/A5-81.
- ② NEW HANDWASHING FIXTURE.
- ③ NEW MILLWORK.
- ④ NEW RATED PARTITIONS.
- ⑤ NEW NON-RATED PARTITIONS.
- ⑥ NEW CUBICLE CURTAIN AND TRACK.
- ⑦ CARD READER.
- ⑧ EAR, NOSE & THROAT.
- ⑨ NURSE CALL STATION.
- ⑩ PILLOW SPEAKER.
- ⑪ ELECTRONIC DOOR RELEASE BUTTON CONNECTED TO DOOR 208-A ON ACCESS SIDE ONLY.
- ⑫ ADD MTL. FRAMING AND GWB TO EXISTING NON-RATED PARTITION TO MAKE ONE HOUR RATED.
- ⑬ NEW SHEET VINYL FLOORING AND BASE.
- ⑭ NEW LUXURY TILE FLOORING AND BASE.
- ⑮ NEW CARPET AND BASE.
- ⑯ NEW NURSE CALL PANEL. FOR ANCHORAGE SEE 1/SD2 AND 8B/A5-81. SEISMIC CERTIFICATION PER OSP-0306-10.
- ⑰ MED GAS PANEL. FOR ANCHORAGE SEE 1/SD2, AND 8A/A5-81.
- ⑱ ELECTRICAL PANEL. FOR ANCHORAGE SEE 1/SD2 AND 8B/A5-81.
- ⑲ FIRE RATED GLASS, TEMPERED.
- ⑳ REMOVE FLOOR POWER OUTLET BOXES AND INFILL AS PER STRUCTURAL DETAIL 4/SD4. PREP SLAB FOR NEW FLOOR FINISH.
- ㉑ PUSH PLATE.
- ㉒ FRAME ELEVATION ON A6-00.
- ㉓ NEW ACCESSIBLE DRINKING FOUNTAINS.
- ㉔ NEW NURSE STATION.
- ㉕ EXISTING WHEELCHAIR STORAGE.
- ㉖ EXISTING GURNEY STORAGE.
- ㉗ EXISTING LOCKERS. PRIME AND PAINT.
- ㉘ CONTINUOUS ACROVYN CHAIR RAIL. TOP OF RAIL AT 3'-0" A.F.F.

**GENERAL NOTES:**

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2. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.

**GENERAL FLOOR PLAN NOTES:**

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13. FOR DOOR INFORMATION REFER TO DOOR SCHEDULE. SHEET A6-00.
14. REFER TO SHEETS A1-00, A1-02 AND A1-04 FOR ACCESSIBILITY REQUIREMENTS.
15. PROVIDE ACOUSTICAL INSULATION IN ALL NEW WALL ASSEMBLIES.
16. THE GENERAL CONTRACTOR SHALL VERIFY THE LEVELNESS OF THE SLAB AT ALL NEW DOOR LOCATIONS PRIOR TO CONSTRUCTION. APPLY LEVELING MATERIAL AS NECESSARY DURING CONSTRUCTION TO ACHIEVE MAX. OF 3/8" CLEARANCE FROM FINISH FLOOR TO UNDERSIDE OF NEW DOOR, REPLACE FINISHES TO MATCH EXISTING AS NEEDED.
17. THE GENERAL CONTRACTOR SHALL SEISMICALLY ANCHOR ALL EXISTING AND NEW BUILDING SYSTEMS ABOVE CEILING INCLUDING BUT NOT LIMITED TO DUCTWORK, ELECTRICAL CONDUITS AND TRAYS, SPRINKLER PIPES, PLUMBING PIPES, ETC. REFER TO A0-00 FOR MORE INFORMATION.

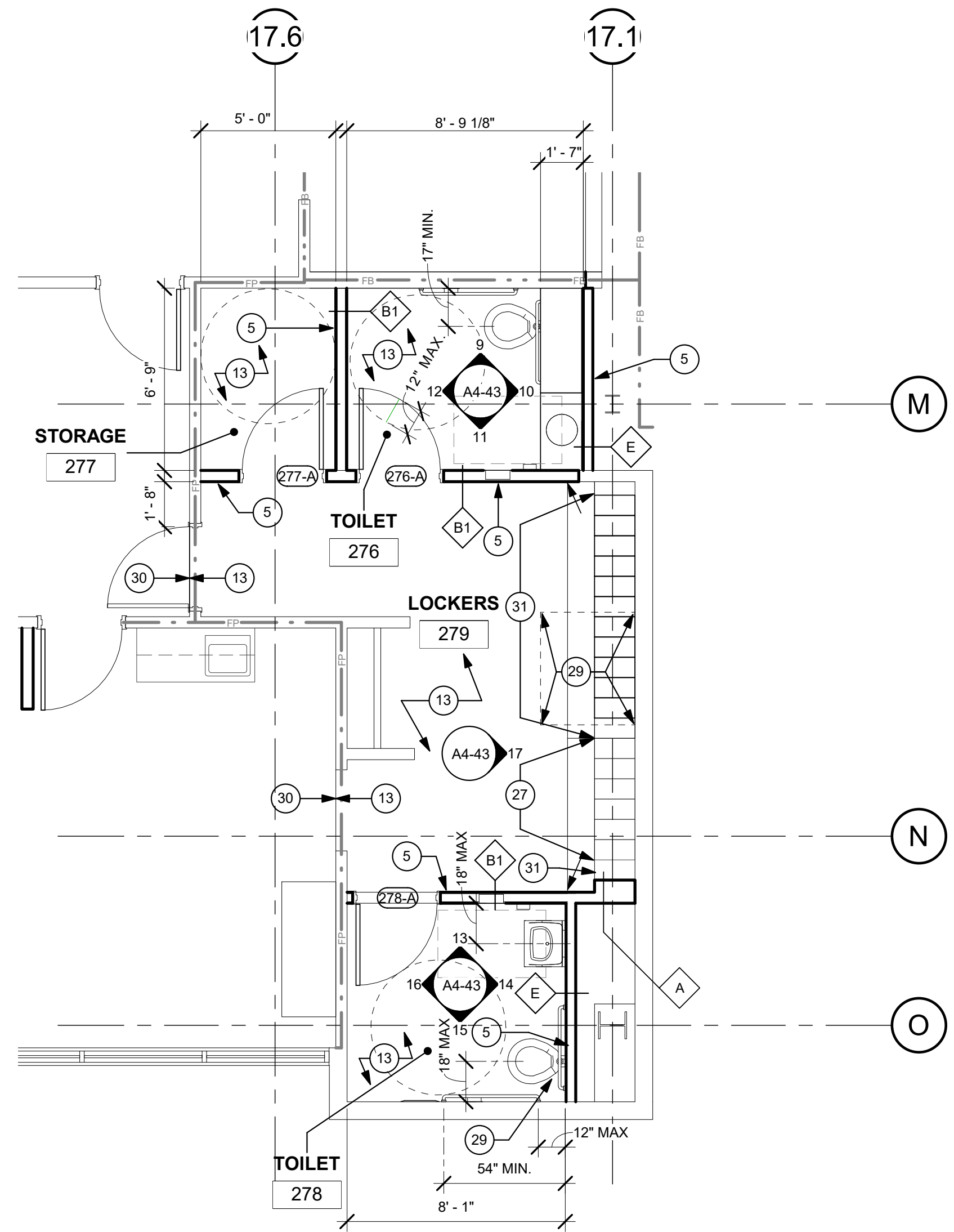
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③① EXISTING FINISH TO REMAIN.

③② PRESERVED LOCKERS TO BE PRIMED, PAINTED AND REINSTALLED.

③③ THIS IS CONSIDERED A "LIGHT TRAFFIC" CORRIDOR.

③④ PROVIDE SIGN LOCATED ABOVE AND WITHIN 12 INCHES OF RELEASE DEVICE READING: "KEEP PUSHING. THIS DOOR WILL OPEN IN 15 SECONDS. ALARM WILL SOUND." AND TACTILE SIGN AND RAISED CHARACTERS PER 24/A1/02. AND SHALL FULFILL ALL OTHER REQUIREMENTS FOR A "DELAYED EGRESS" DOOR PER CBC 2013 1008.1.8.6.

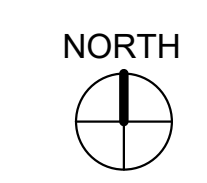


① FIRST LEVEL NEW PLAN - LOCKER ROOM  
1/4" = 1'-0"

**PARTITION LEGEND:**

- ACCESSIBLE PATH OF TRAVEL.
- EGRESS PATH OF TRAVEL.
- ONE-HOUR RATED CORRIDOR.
- INFILLED AREA OF CONCRETE SLAB. (NEW).
- INDICATES AN EXISTING MEMBRANE OF PARTITION OR PARTITION TO BE REMOVED. REFER TO DEMOLITION PLAN FOR FURTHER REQUIREMENTS.
- INDICATES AN EXISTING PARTITION TO REMAIN. REFER TO PLAN FOR UPGRADE REQUIREMENTS.
- INDICATES AN EXISTING 1 HOUR SMOKE BARRIER
- INDICATES AN EXISTING SMOKE PARTITION
- INDICATES AN EXISTING ONE HOUR FIRE RATED PARTITION TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
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- THICK LINE INDICATES NEW SURFACE FINISH.
- 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 REFERENCE REFER TO SHEET A5-01.

- 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.



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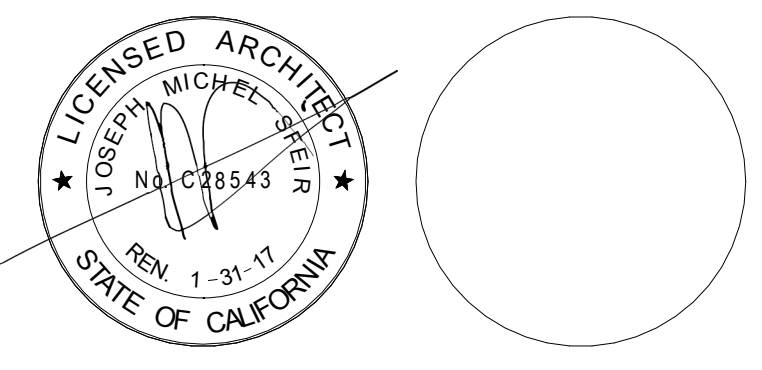
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REV.	DESCRIPTION	DATE
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CONSULTANT

OSHPD APPROVAL STAMP:  
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SHEET TITLE:  
**1/4" PARTIAL FIRST**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00  
DRAWN BY: SA  
CHECKED BY: SA  
SCALE: As indicated  
DATE: 08/03/16

SHEET NUMBER:  
**A4-11**

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

ARCHITECT: SFEIR ARCHITECTS  
1350 COLUMBIA STREET, SUITE 603  
SAN DIEGO, CALIFORNIA 92101  
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  
9665 CHESAPEAKE DRIVE, SUITE 230  
SAN DIEGO, CALIFORNIA 92123  
TEL(619)618-2347 FAX(619)330-0668

**RCP DEMOLITION KEYNOTES:**

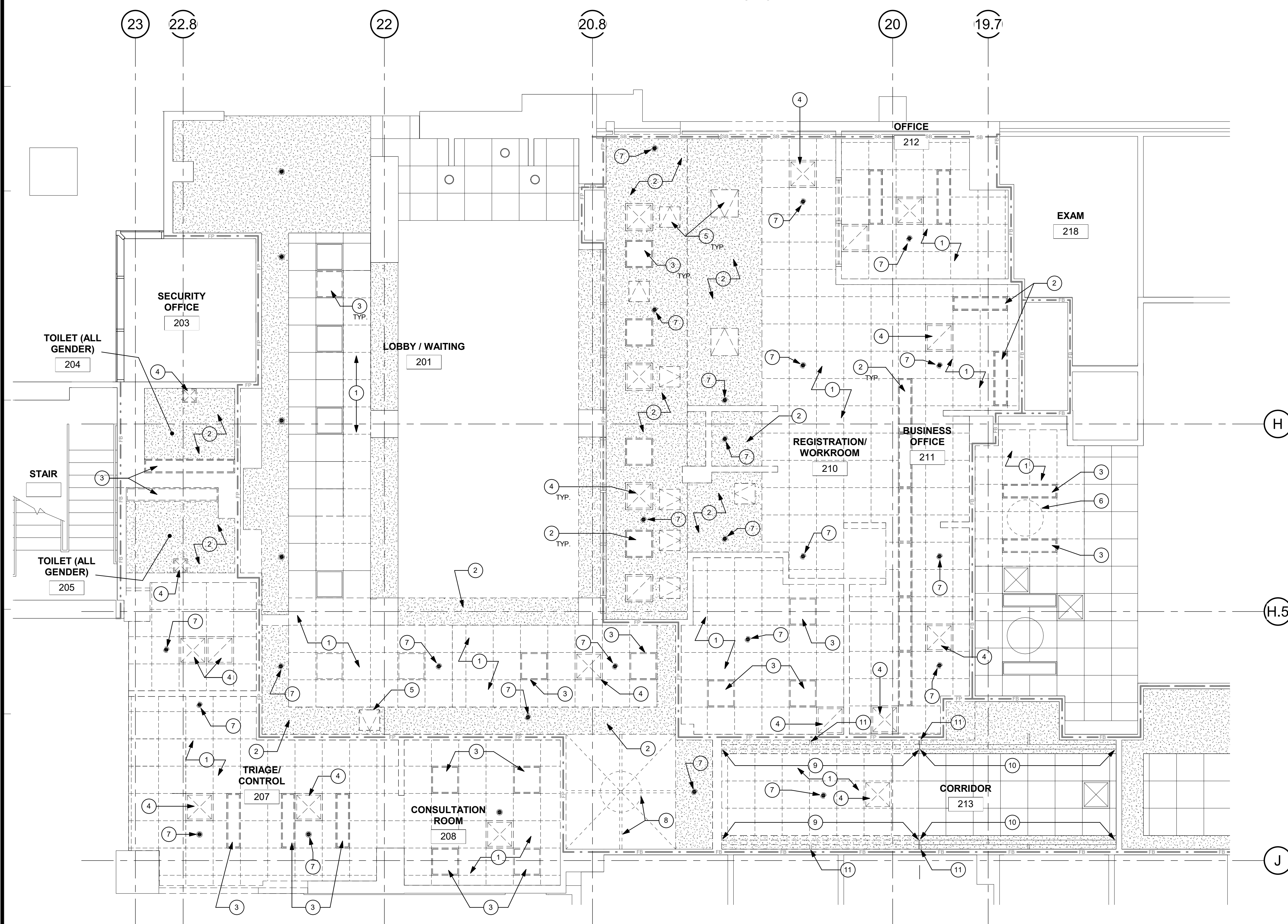
- 1 REMOVE 24"X24" ACP CEILING.
- 2 REMOVE GWB CEILING.
- 3 REMOVE LIGHT FIXTURE, REFER TO ELEC. DWGS.
- 4 REMOVE MECH. AIR REGISTER - REFER TO MECH. DWGS.
- 5 REMOVE CEILING ACCESS PANEL.
- 6 REMOVE CEILING MOUNTED EQUIPMENT.
- 7 REMOVE SPRINKLER HEAD.
- 8 REMOVE EXISTING DECORATIVE CEILING.
- 9 REMOVE PORTION OF EXISTING CONTINUOUS UPLIGHT.
- 10 PORTION OF EXISTING CONTINUOUS UPLIGHT TO REMAIN.
- 11 REMOVE EXISTING WALL BRACKET SUPPORTING CONTINUOUS UPLIGHT. PROVIDE TEMPORARY SUPPORT AS REQUIRED FOR PORTION OF UPLIGHT TO REMAIN.
- 12 REMOVE SPRINKLER HEADS.
- 13 EXISTING SPRINKLER HEADS TO REMAIN. PROTECT DURING CONSTRUCTION.

**GENERAL NOTES:**

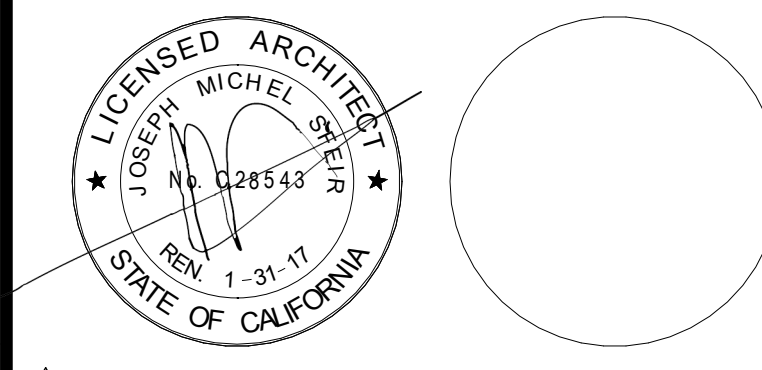
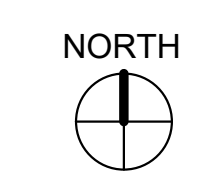
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  4. THE GENERAL CONTRACTOR SHALL SEPARATE DISSIMILAR METALS WITH BUILDING PAPER OR PLASTIC SHIM.
  5. THE GENERAL CONTRACTOR SHALL X-RAY AND/OR ULTRASOUND THE EXISTING CONCRETE FLOORS FOR ANY POSSIBLE EMBEDDED CONDUITS, STRUCTURAL REBAR OR UNFORESEEN 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 SEPERATE 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
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- SMOKE DETECTOR 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
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- CAMERA
- SPRINKLER
- AUDIBLE NURSE CALL
- DOME LIGHT NURSE CALL
- CHIME STROBE



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



REV	DESCRIPTION	DATE
1	OSHPD COMMENTS	12/01/16
2	DESIGN CHANGES	12/01/16
3	OSHPD COMMENTS	02/15/17
4	DESIGN CHANGES	02/15/17
5	OSHPD COMMENTS	08/11/17

REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

SHEET TITLE:  
**1/4" PARTIAL DEMO RCP  
FIRST**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00  
DRAWN BY AR/HT  
CHECKED BY JS  
SCALE: As indicated  
DATE: 08/03/16

SHEET NUMBER:  
**A4-20**

# TCMC EMERGENCY DEPARTMENT

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

OWNER: TRI-CITY MEDICAL CENTER  
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ME&P: P2S  
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SAN DIEGO, CALIFORNIA 92123  
TEL(619)618-2347 FAX(619)330-0668

## RCP DEMOLITION KEYNOTES:

- |  |   |
|--|---|
| ① REMOVE 24"X24" ACP CEILING.                      | ⑩ PORTION OF EXISTING CONTINUOUS UPLIGHT TO REMAIN.   |
| ② REMOVE GWB CEILING.                              | ⑪ REMOVE EXISTING WALL BRACKET SUPPORTING CONTINUOUS UPLIGHT. PROVIDE TEMPORARY SUPPORT AS REQUIRED FOR PORTION OF UPLIGHT TO REMAIN. |
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| ④ REMOVE MECH. AIR REGISTER - REFER TO MECH. DWGS. | ⑬ EXISTING SPRINKLER HEADS TO REMAIN. PROTECT DURING CONSTRUCTION.  |
| ⑤ REMOVE CEILING ACCESS PANEL.                     |   |
| ⑥ REMOVE CEILING MOUNTED EQUIPMENT.                |   |
| ⑦ REMOVE SPRINKLER HEAD.                           |   |
| ⑧ REMOVE EXISTING DECORATIVE CEILING.              |   |
| ⑨ REMOVE PORTION OF EXISTING CONTINUOUS UPLIGHT.   |   |

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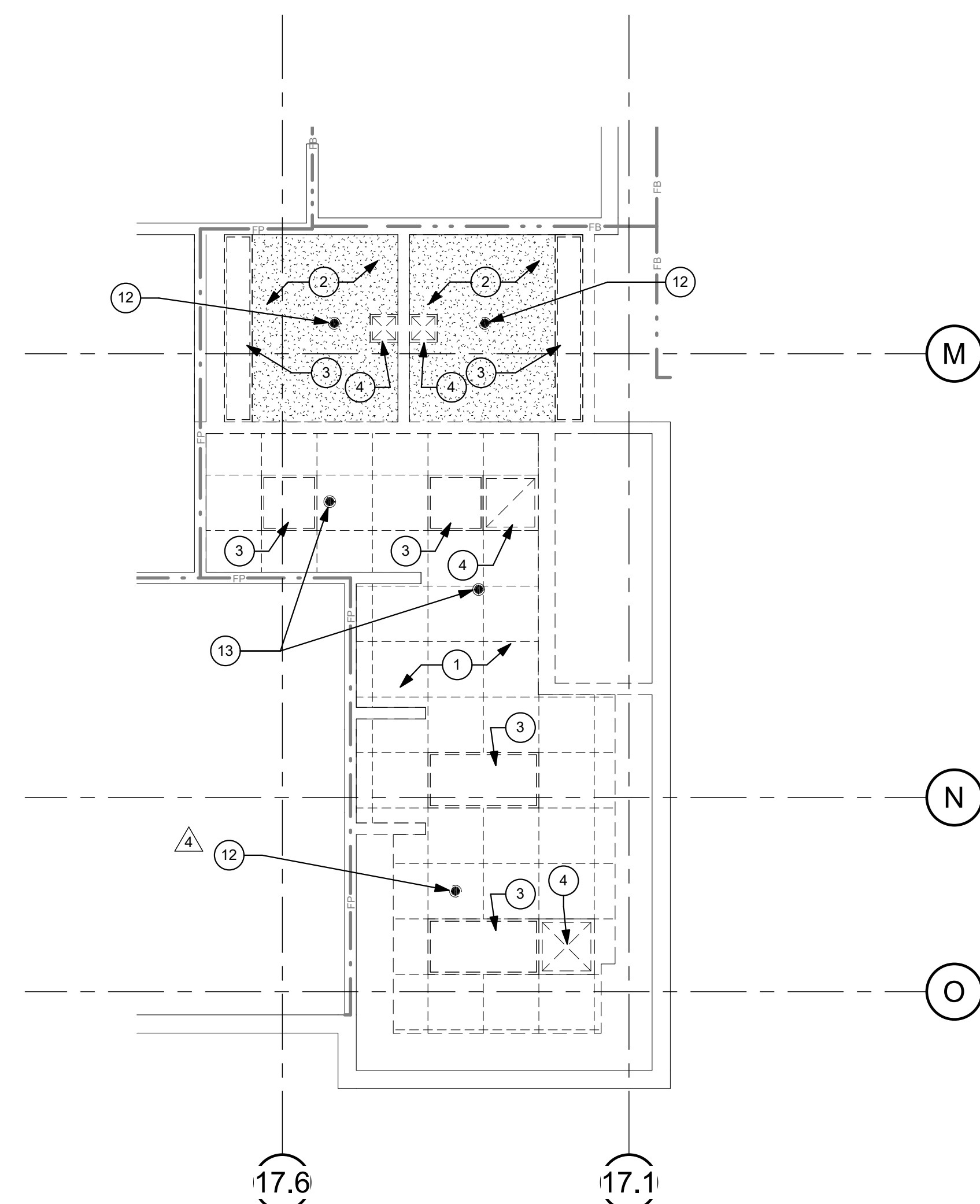
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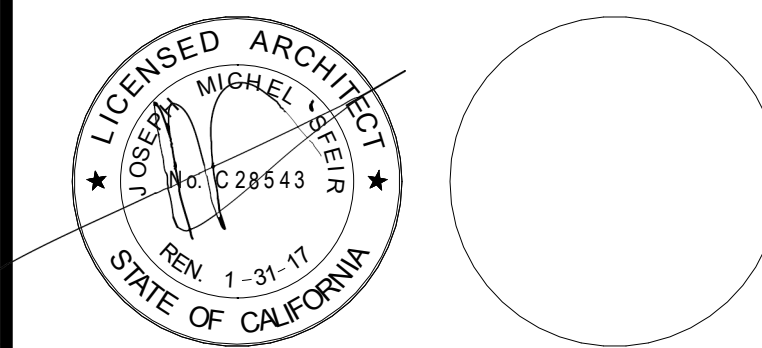
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- CAMERA
- SPRINKLER
- AUDIBLE NURSE CALL
- DOME LIGHT NURSE CALL
- CHIME STROBE



① LEVEL 1 DEMOLITION RCP LOCKER ROOM  
1/4" = 1'-0"



⚠	OSHPD COMMENTS	12/01/16
⚠	DESIGN CHANGES	12/01/16
⚠	OSHPD COMMENTS	02/15/17
⚠	DESIGN CHANGES	02/15/17
⚠	OSHPD COMMENTS	08/11/17

REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

SHEET TITLE:  
**1/4" PARTIAL DEMO RCP  
FIRST**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00  
DRAWN BY: Author  
CHECKED BY: Checker  
SCALE: As indicated  
DATE: 08/03/16

SHEET NUMBER:  
**A4-21**

**TCMC  
EMERGENCY  
DEPARTMENT**

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

OWNER: TRI-CITY MEDICAL CENTER  
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**RCP KEYNOTES:**

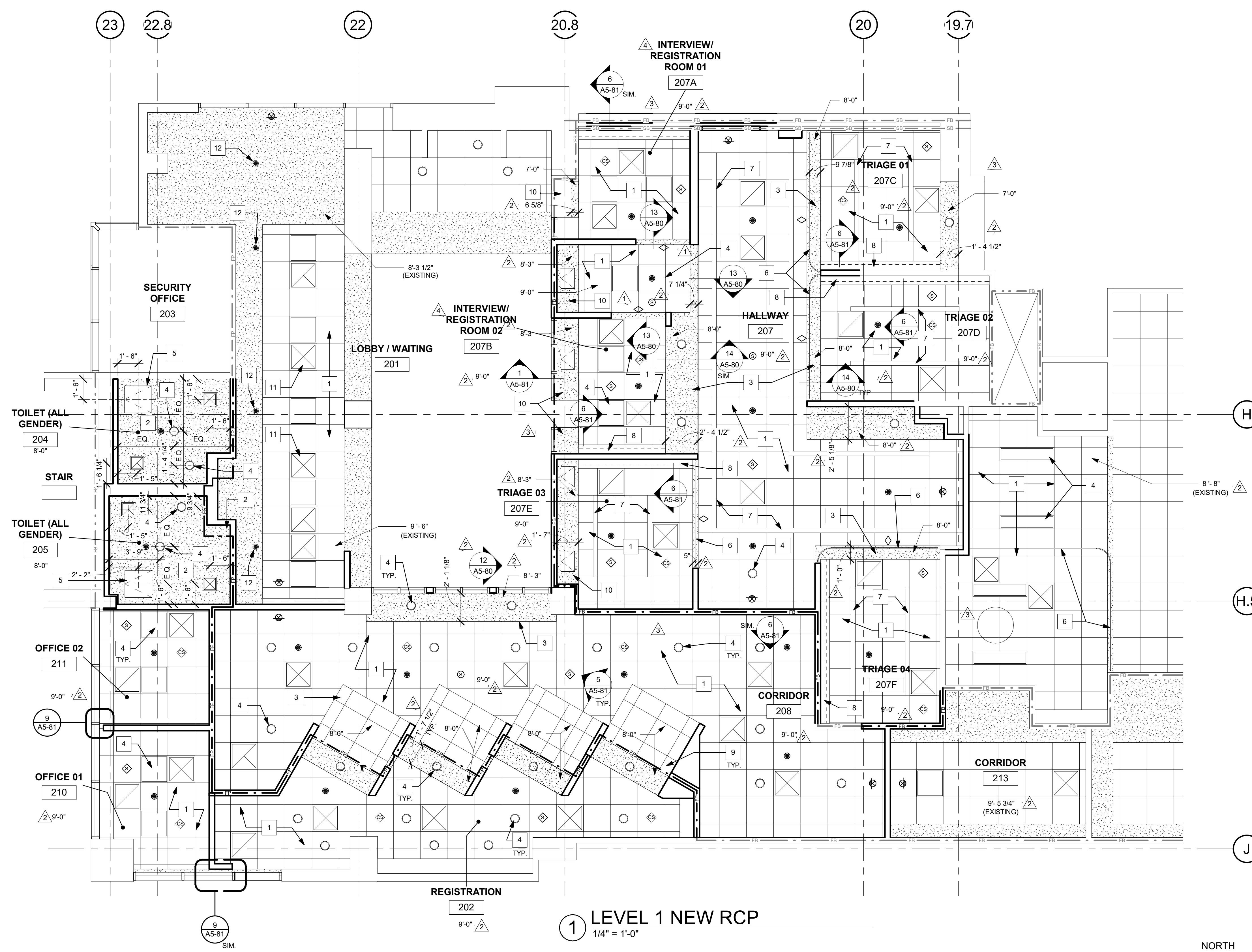
- |  |  |
|--|--|
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| 2 NEW GWB CEILING. PRIME & PAINT WITH EPOXY PAINT.                       | 9 ROLL-DOWN FIRE SHUTTER.  |
| 3 NEW GWB SOFFIT. PRIME & PAINT WITH EPOXY PAINT.                        | 10 ONE HOUR RATED GWB SOFFIT.                                    |
| 4 NEW LIGHT FIXTURE, REFER TO ELEC. DWGS.                                | 11 EXISTING DIFFUSER.  |
| 5 NEW 24"X24" ACCESS PANEL. REFER TO DETAIL 8/A5-81.                     | 12 EXISTING SPRINKLER HEAD.                                      |
| 6 NEW CURTAIN TRACKS AND CURTAIN. INSTALL AS PER ANCHOR DETAIL 14/A5-80. |  |
| 7 LINEAR LED DOWNLIGHTS. REFER TO ELEC. DWGS.                            |  |

**GENERAL NOTES:**

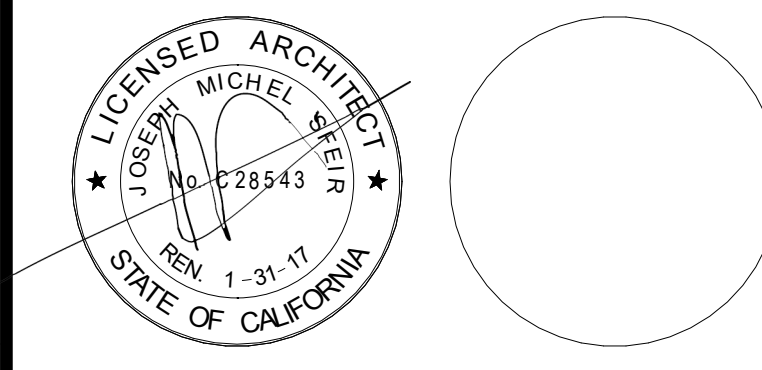
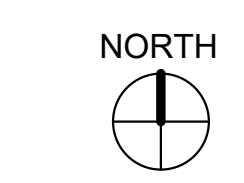
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- CEILING HEIGHTS TO MATCH EXISTING UNLESS OTHERWISE NOTED (NOT LESS THAN 8'-0")
- REFER TO SHEET A5-60 AND A5-70 FOR CEILING DETAILS.
- REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPES.
- FIRE SPRINKLER HEAD LAYOUT MUST BE APPROVED BY ARCHITECT PRIOR TO INSTALLATION. ALL EXPOSED SPRINKLER HEAD COMPONENTS SHALL BE WHITE.
- REPLACE EXISTING LENSES FOR 2X2 AND 2X4 LIGHT FIXTURES.
- 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
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- 1' x 4' FLOURESCENT CEILING LIGHT
- CAMERA
- SPRINKLER
- AUDIBLE NURSE CALL
- DOME LIGHT NURSE CALL
- CHIME STROBE



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



REV	DESCRIPTION	DATE
1	OSHPD COMMENTS	12/01/16
2	DESIGN CHANGES	12/01/16
3	OSHPD COMMENTS	02/15/17
4	DESIGN CHANGES	02/15/17
5	OSHPD COMMENTS	08/11/17

REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

SHEET TITLE:  
**1/4" PARTIAL RCP FIRST**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00  
DRAWN BY: Author  
CHECKED BY: Checker  
SCALE: As indicated  
DATE: 08/03/16

SHEET NUMBER:  
**A4-30**

# TCMC EMERGENCY DEPARTMENT

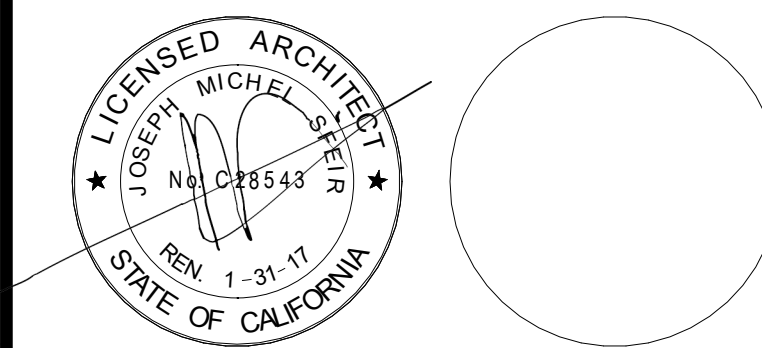
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OCEANSIDE, CALIFORNIA  
92056

OWNER: TRI-CITY MEDICAL CENTER  
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REV	DESCRIPTION	DATE
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REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

SHEET TITLE:  
**1/4" PARTIAL RCP FIRST**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00 SHEET NUMBER: **A4-31**

DRAWN BY: Author  
CHECKED BY: Checker  
SCALE: As indicated  
DATE: 08/03/16

### RCP KEYNOTES:

- 1 NEW 2'X2' ACP. PRIME & PAINT WITH EPOXY PAINT.
- 2 NEW GWB CEILING. PRIME & PAINT WITH EPOXY PAINT.
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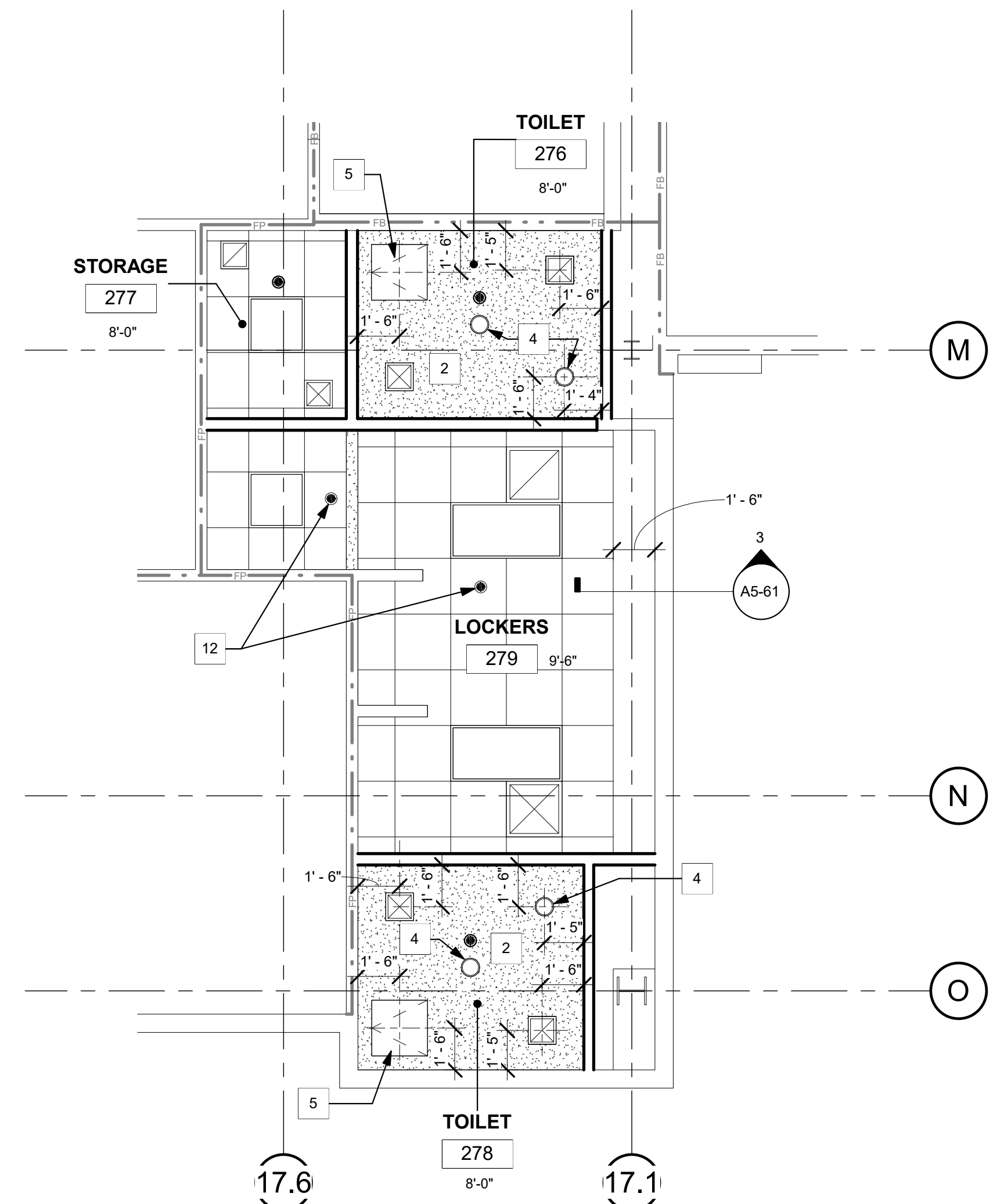
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3. THE GENERAL CONTRACTOR SHALL COORDINATE ALL PHASING, ACCESS, DEBRIS REMOVAL, STAGING AREAS AND HOURS OF CONSTRUCTION WITH OWNER PRIOR TO START OF CONSTRUCTION.
4. THE GENERAL CONTRACTOR SHALL COORDINATE WITH STRUCTURAL, MEP, FIRE ALARM, FIRE PROTECTION, NURSE CALL, INTERIORS AND EQUIPMENT DRAWINGS PRIOR TO STARTING CONSTRUCTION. THE PROJECT MANUAL AND ALL DRAWINGS IN THE CONSTRUCTION DRAWINGS SHALL BE PART OF THE CONSTRUCTION DOCUMENTS.
5. THE GENERAL CONTRACTOR SHALL SEPARATE DISSIMILAR METALS WITH BUILDING PAPER OR PLASTIC SHIM.
6. 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.
7. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
8. CONTRACTOR STAGING TO BE IN THE ROOMS UNDER REMODEL.
9. CONTRACTOR PARKING TO BE IN CONTRACTOR DESIGNATED PARKING AREA.
10. THE CONTRACTOR SHALL ENSURE THAT THE AREA UNDER REMODEL IS LOCKED AND OTHERWISE SECURED AFTER HOURS.
11. CEILING HEIGHTS TO MATCH EXISTING UNLESS OTHERWISE NOTED (NOT LESS THAN 8'-0")
12. REFER TO SHEET A5-60 AND A5-70 FOR CEILING DETAILS.
13. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPES.
14. FIRE SPRINKLER HEAD LAYOUT MUST BE APPROVED BY ARCHITECT PRIOR TO INSTALLATION. ALL EXPOSED SPRINKLER HEAD COMPONENTS SHALL BE WHITE.
15. REPLACE EXISTING LENSES FOR 2X2 AND 2X4 LIGHT FIXTURES.
16. 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 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 PROVIDE (2) SLACK SAFETY WIRES AT DIAGONAL CORNERS
- 2'x2' CEILING ACCESS PANEL
- 12"x18" CEILING ACCESS PANEL - 20 MIN. RATED
- 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
- CHIME STROBE



**1 LEVEL 1 RCP LOCKER ROOM**  
1/4" = 1'-0"



OFOI : OWNER FURNISHED, OWNER INSTALLED  
 OFCI : OWNER FURNISHED, CONTRACTOR INSTALLED  
 OPS : OWNER PROVIDED SPECIFICATIONS  
 OFCI : CONTRACTOR FURNISHED, CONTRACTOR INSTALLED

### EQUIPMENT SCHEDULE

EQUIPMENT #	DESCRIPTION	WEIGHT (APPROX.) LBS.	HEIGHT-h	WIDTH-b	LENGTH-l	PLANE/ELEVATION	REMARKS	EXIS.	NEW	OFOI	OFCI	CFCI	QUANTITY	OPS					
														VOLTAGE	EMERGENCY POWER	ELECTRICAL LOAD	HEAT LOAD	SEISMIC CALCS	PLUMBING
01	NOT USED												62						
001	PYXIS CABINET	1000 LBS	6' - 5 7/8"	26 3/4"	51.5"				X				16						
002	PYXIS DISPENSER	> 20 LBS	2' - 3 1/4"	26 3/4"	20 7/8"				X				6						
003	WALL MTD. MONITOR & KEYBOARD	14.86 LBS	1' - 7 1/8"	28.8"	11.1"			X			X		4						
004	GURNEY	300 LBS	1' - 10 1/2"	33.5"	91"				X				4						
005	VITAL SIGNS	41.1 LBS	4' - 8 3/8"	22"	22"				X		X		2						
007	NOT USED								X				2						
008	PRINTER	17.2 LBS	7 1/2"	17.2"	11.7"				X				1						
009	PRINTER	17.2 LBS	7 1/2"	17.2"	11.7"				X				2						
010	PRINTER/FAX/COPIER	325.00 LBS	3' - 9 3/4"	28.82"	23.15"				X				1						
011	MONITOR WITH STAND	7.93 LBS	1' - 7 1/4"	15.19"	7.08"				X				6						
012	KEYBOARD		1 5/8"	17.9"	6.28"				X				6						
013	SCANNER	3.40 LBS	1 5/8"	14.80"	9.9"				X				4						
014	MONITOR WITHOUT STAND	9.26 LBS	1' - 2 7/8"	22.13"	1.97"				X				4						
015	ARM WALL MOUNT FOR MONITOR	8.1 LBS	5 1/8"	0"	17"				X			X	4						
016	UNDER-DESK CPU HOLDER	10 LBS	1' - 9 1/2"	5.5"	8.7"				X			X	4						
017	EAR & NOSE TESTING DEVICE	27.8 LBS	1' - 0 7/8"	34.5"	10"						X		4						

### 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.

### LEGEND:

- 11 REFER TO EQUIPMENT SCHEDULE.
- NOTES

### CASEWORK LEGEND:

CASE ID NUMBER	HEIGHT	
	NUMBER	HEIGHT
D100024	A	18"
	B	24"
	C	27"
	D	30"
	E	30"
	F	33"
	G	36"
	H	39"
	J	42"
	K	48"
	L	54"
	M	72"
	N	80"
	P	86"
	Q	96"
	R	AS REQ'D.

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

### 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 BE PLASTIC LAMINATE UNLESS NOTED OTHERWISE.
- PROVIDE PLASTIC LAMINATE SOFFIT TO ENCLOSE SPACE BETWEEN CEILING AND TOP OF CABINET. TYPICAL UNLESS NOTED OTHERWISE.
- 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.
- REFER TO DETAILS 2 & 3 ON SHEET A5-80 FOR WALL CABINET ANCHORAGE/BACKING TRACK CONNECTION.
- GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS OF ROUGH OPENINGS AND COORDINATE W/OWNER FOR ALL EQUIPMENT CLEARANCES PRIOR TO PREPARING SHOP DRAWINGS AND FABRICATION.

### ELEVATION KEYNOTES:

- 1 NEW BASE AND UPPER CABINETS.
- 2 NEW UPPER CABINETS.
- 3 ACROVYN WALL PROTECTION.
- 4 ACROVYN CORNER GUARD, 2" X 2".
- 5 PRIME AND PAINT.
- 6 NEW SOLID SURFACE COUNTER TOP.
- 7 NEW 4" SHEET VINYL COVE BASE.
- 8 PRIME AND PAINT THE DOOR AND DOOR FRAMES.
- 9 NEW 6" SHEET VINYL COVE BASE.
- 10 COVED BACKSPASH.
- 11 PROVIDE AND INSTALL CPU HOLDER TO BE ANCHORED TO THE UNDERSIDE OF THE COUNTERTOP.
- 12 RETURN WAINSCOT TO DOOR FRAME.
- 13 UNDER CABINET LIGHTS.
- 14 NEW ROLL DOWN SHADES.
- 15 UNDER COUNTER PRIVACY PARTITION.
- 16 NEW FILE CABINET.
- 17 PRIME AND PAINT THE WINDOW FRAMES.
- 18 ACROVYN CHAIR RAIL.
- 19 PRIME AND PAINT EXISTING WINDOW FRAMES.
- 20 PRIME AND PAINT EXISTING DOOR AND DOOR FRAME.
- 21 1/4" CLEAR FIRE RATED GLASS. FIRELITE PREMIUM.
- 22 TRANSLUCENT FROSTED PORTION OF 1/4" FIRE RATED GLASS.
- 23 NURSE CALL PANEL.
- 24 SOLID SURFACE & SILL.
- 25 1/4" CLEAR TEMPERED GLASS.
- 26 NEW WALL BASE (NIC). COORDINATE WITH OWNER.
- 27 CARD READER.
- 28 EXISTING LIGHT FIXTURE TO REMAIN.
- 29 PORCELAIN TILE WAINSCOT. REFER TO ELEVATION 6/ID-3.
- 30 4" PORCELAIN TILE COVE BASE.
- 31 TOILET ROOM ACCESSORY - SEE ACCESSORY SCHEDULE ON SHEET A1-02.
- 32 NEW SOLID SURFACE COUNTER TOP WITH 4" BACKSPASH.
- 33 NEW WALL MOUNTED NURSE CALL.
- 34 EXISTING LOCKER. PRIME AND PAINT.
- 35 PRESERVE LOCKERS TO BE PRIMED, PAINTED AND REINSTALLED.

S F E I R  
 ARCHITECTS

1350 Columbia Street, Suite 603  
 San Diego, CA 92101

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

## TCMC EMERGENCY DEPARTMENT

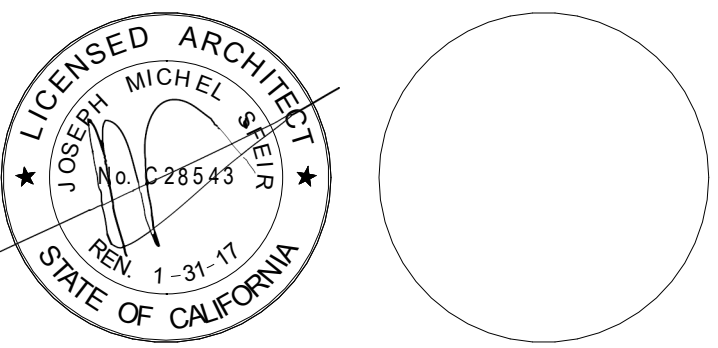
TRI-CITY MEDICAL  
 CENTER  
 4002 VISTA WAY  
 OCEANSIDE, CALIFORNIA  
 92056

OWNER: TRI-CITY MEDICAL CENTER  
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 OCEANSIDE, CALIFORNIA 92056  
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ARCHITECT: SFEIR ARCHITECTS  
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 TEL(619)299-3917 FAX(619)299-5084

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 CARLSBAD, CALIFORNIA 92011  
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ME&P: P2S  
 9685 CHESAPEAKE DRIVE, SUITE 230  
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REV	DESCRIPTION	DATE
1	OSHPD COMMENTS	12/01/16
2	DESIGN CHANGES	12/01/16
3	OSHPD COMMENTS	02/15/17
4	DESIGN CHANGES	02/15/17
5	OSHPD COMMENTS	08/11/17

OSHPD APPROVAL STAMP:  
 OSHPD #: S162093-37-00

SHEET TITLE:  
**1/4" INTERIOR  
 ELEVATIONS**

PROJECT TITLE:  
 TCMC EMERGENCY DEPARTMENT

PROJECT #:  
 01593.00

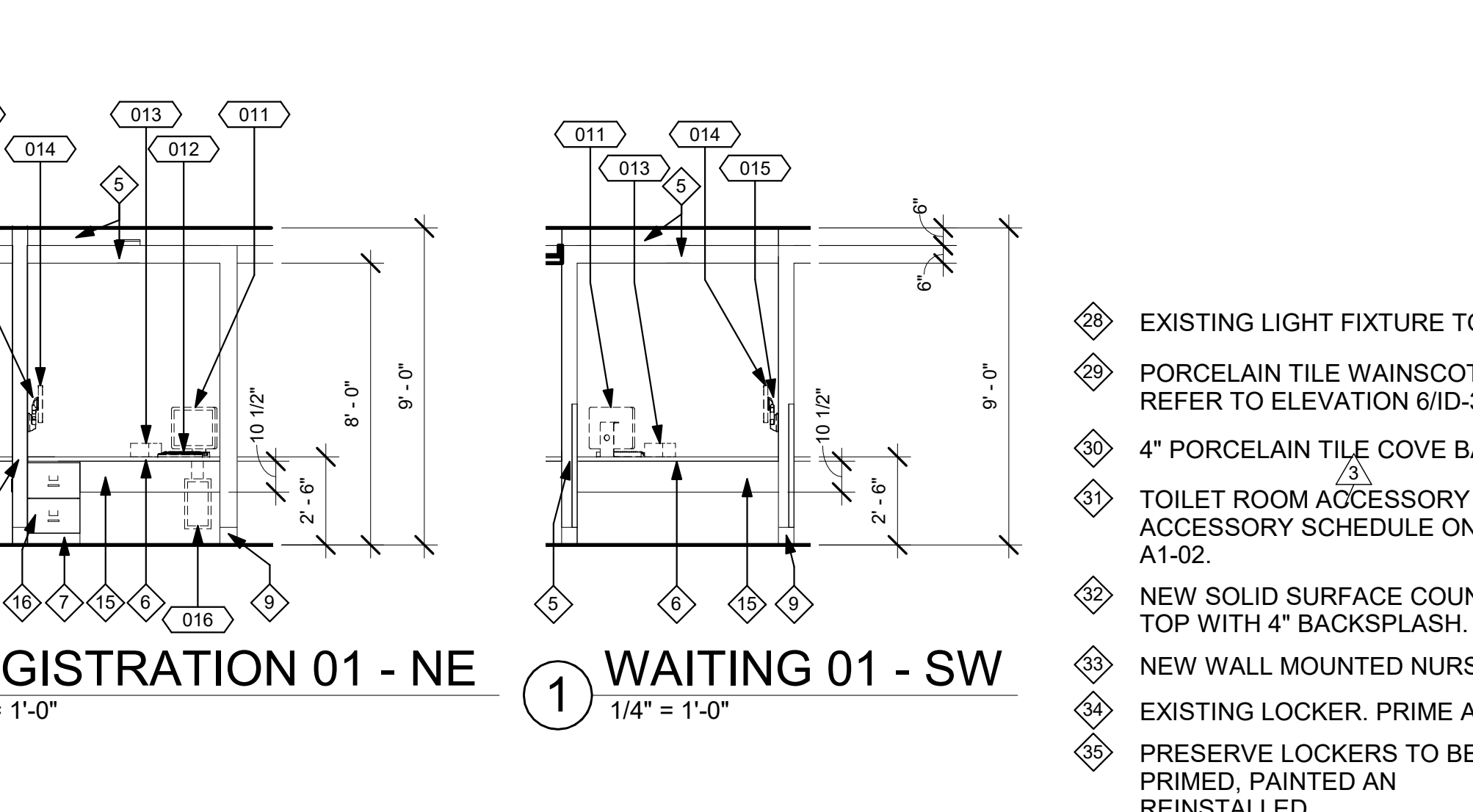
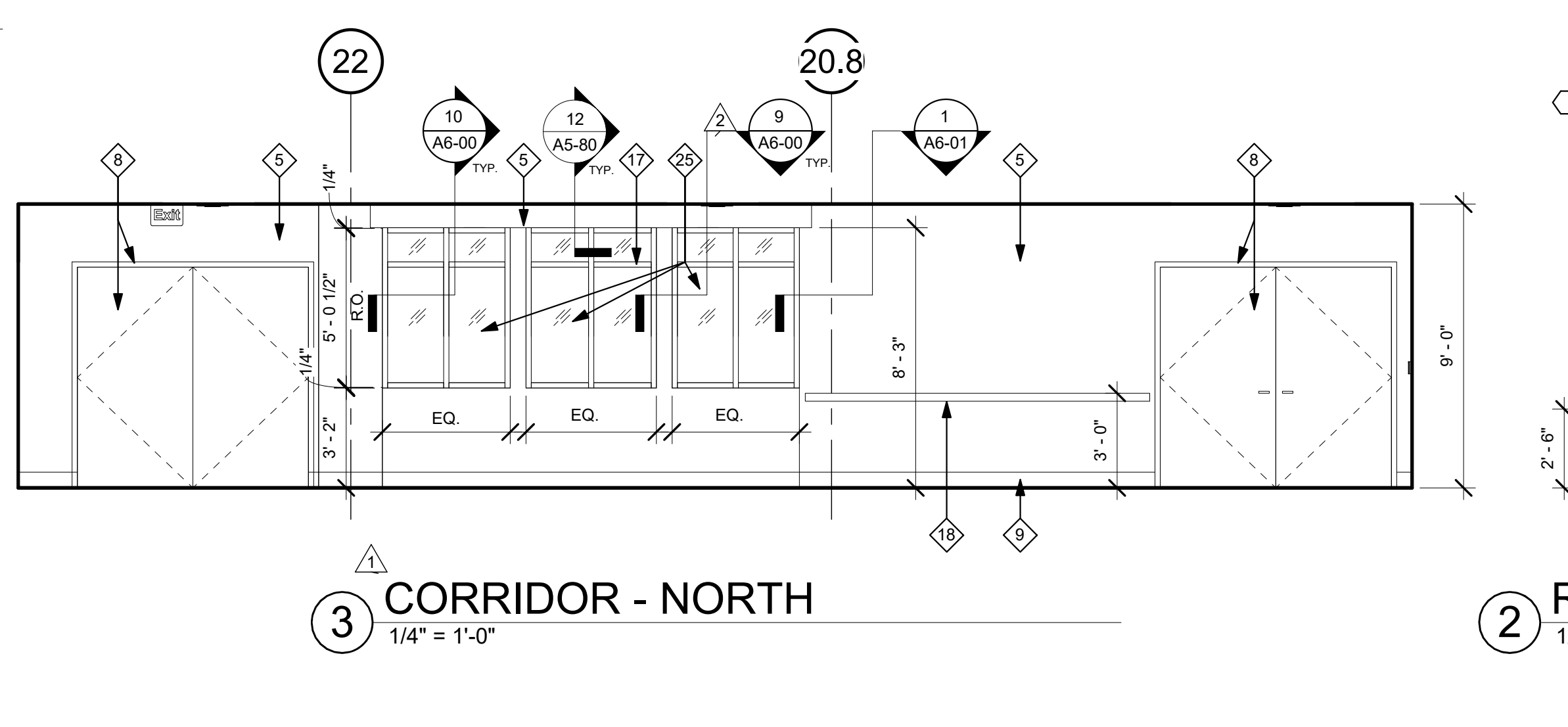
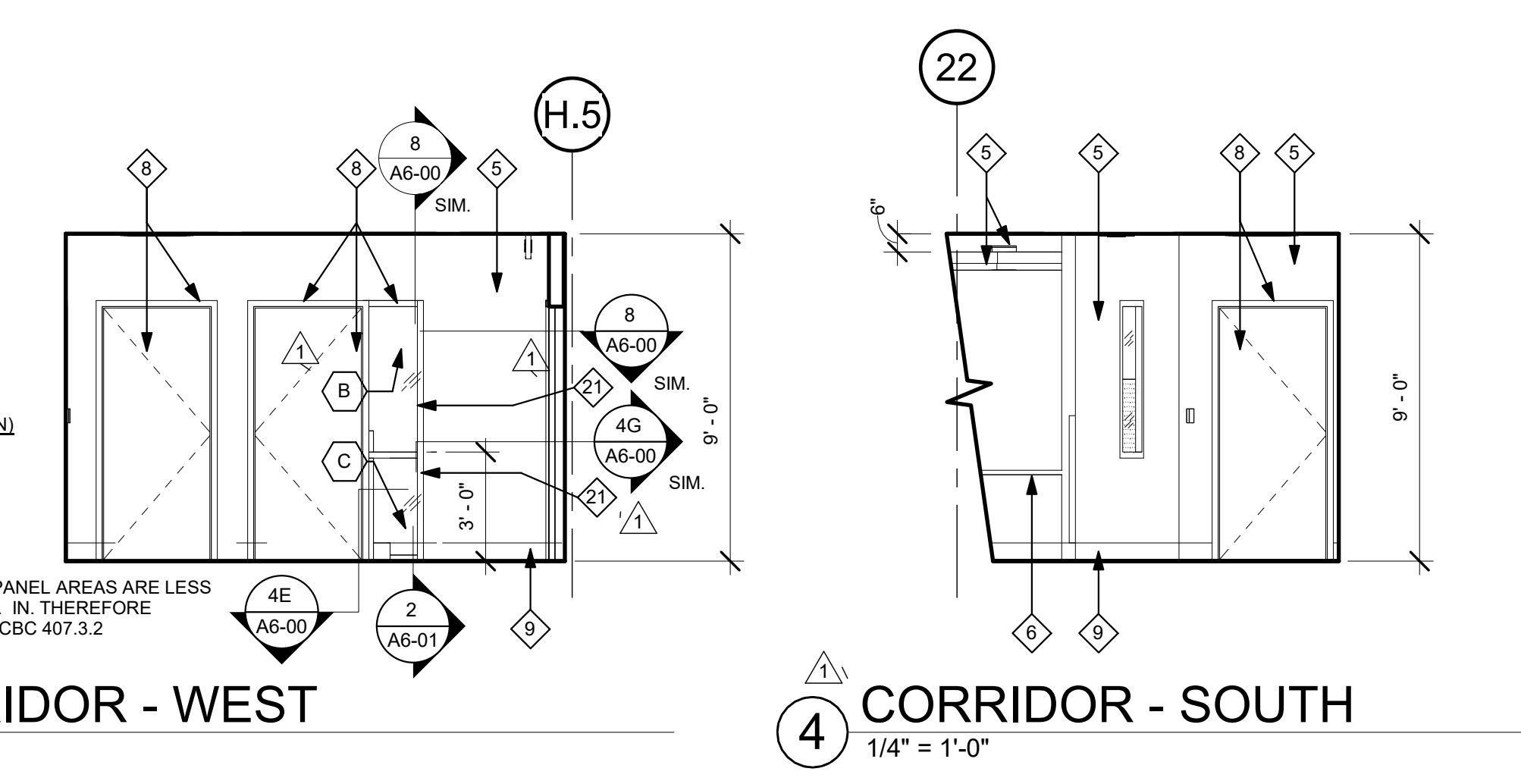
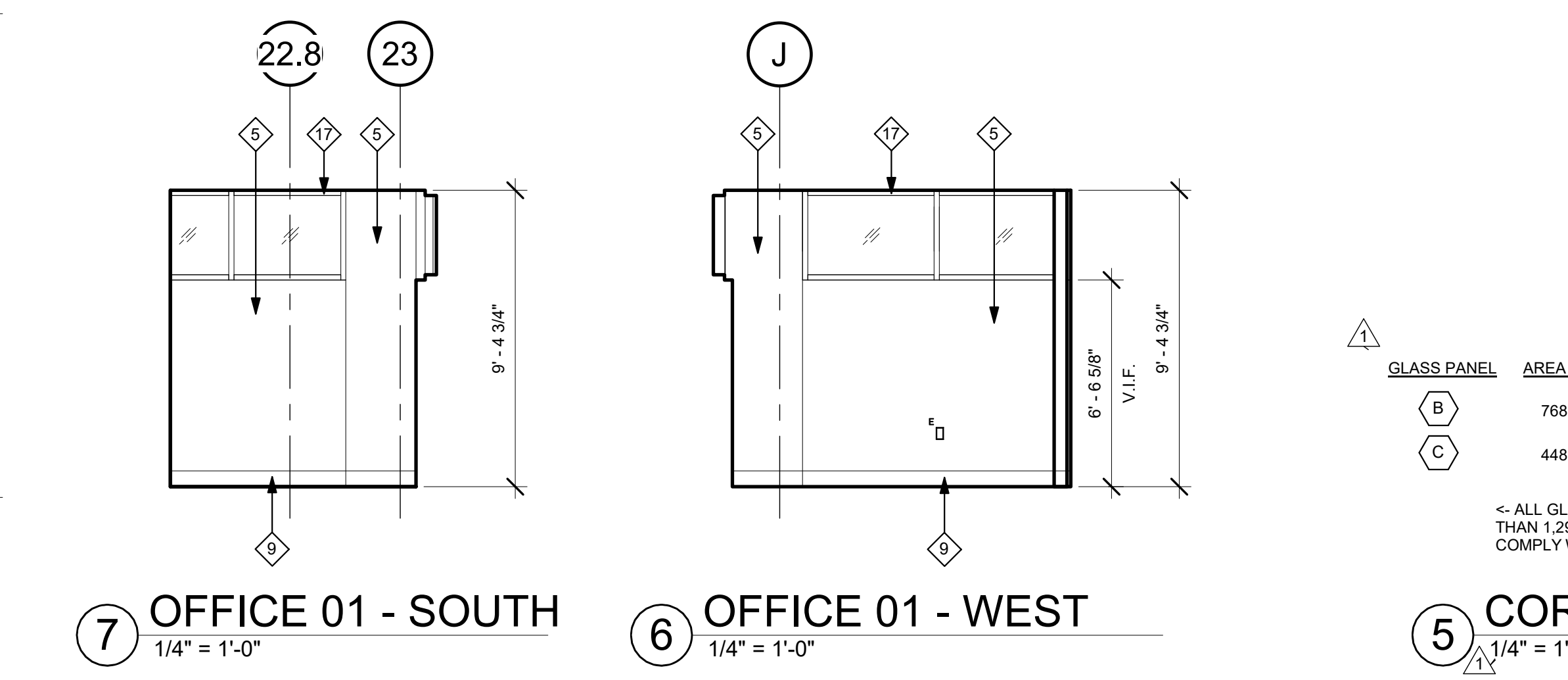
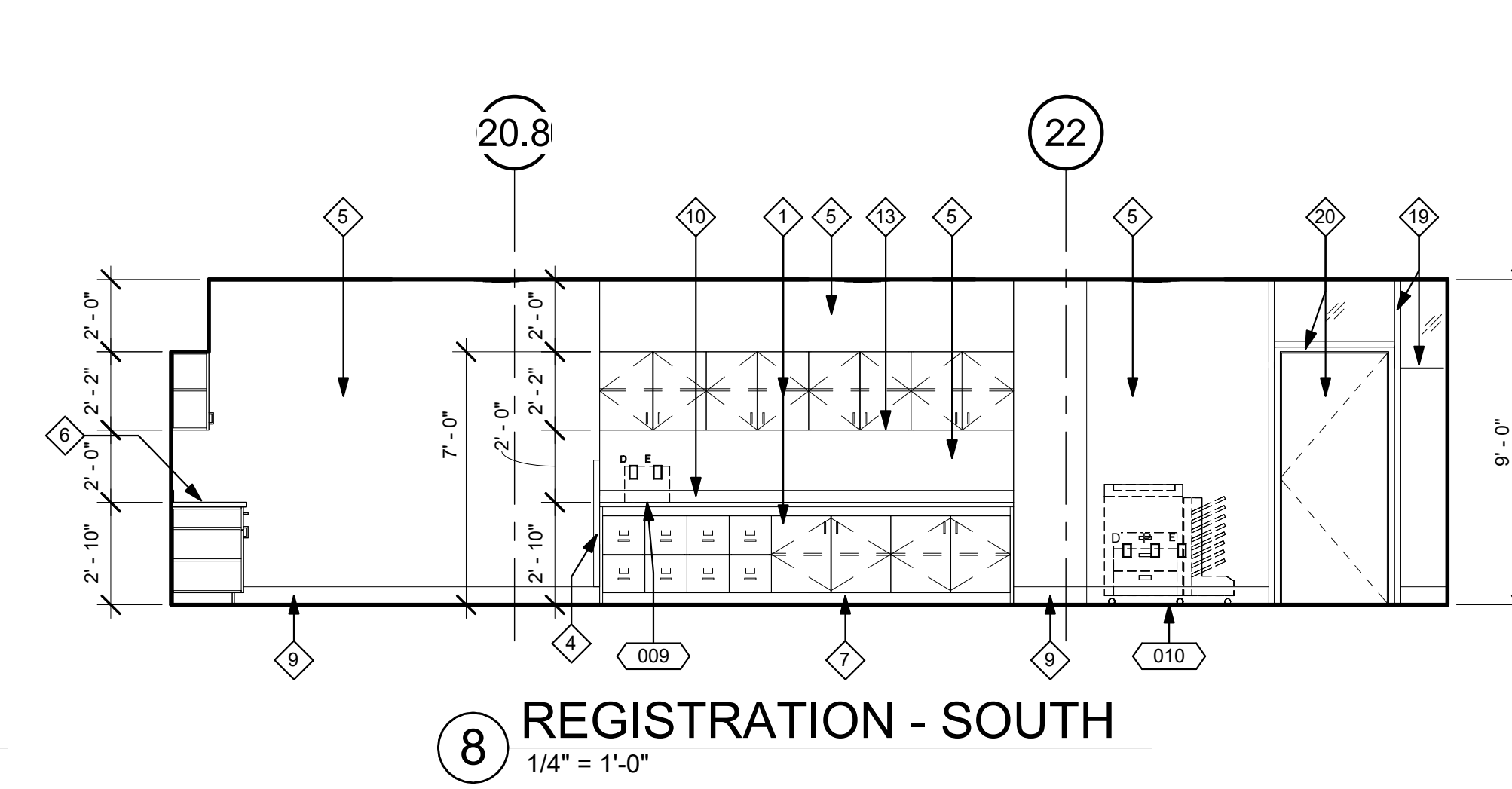
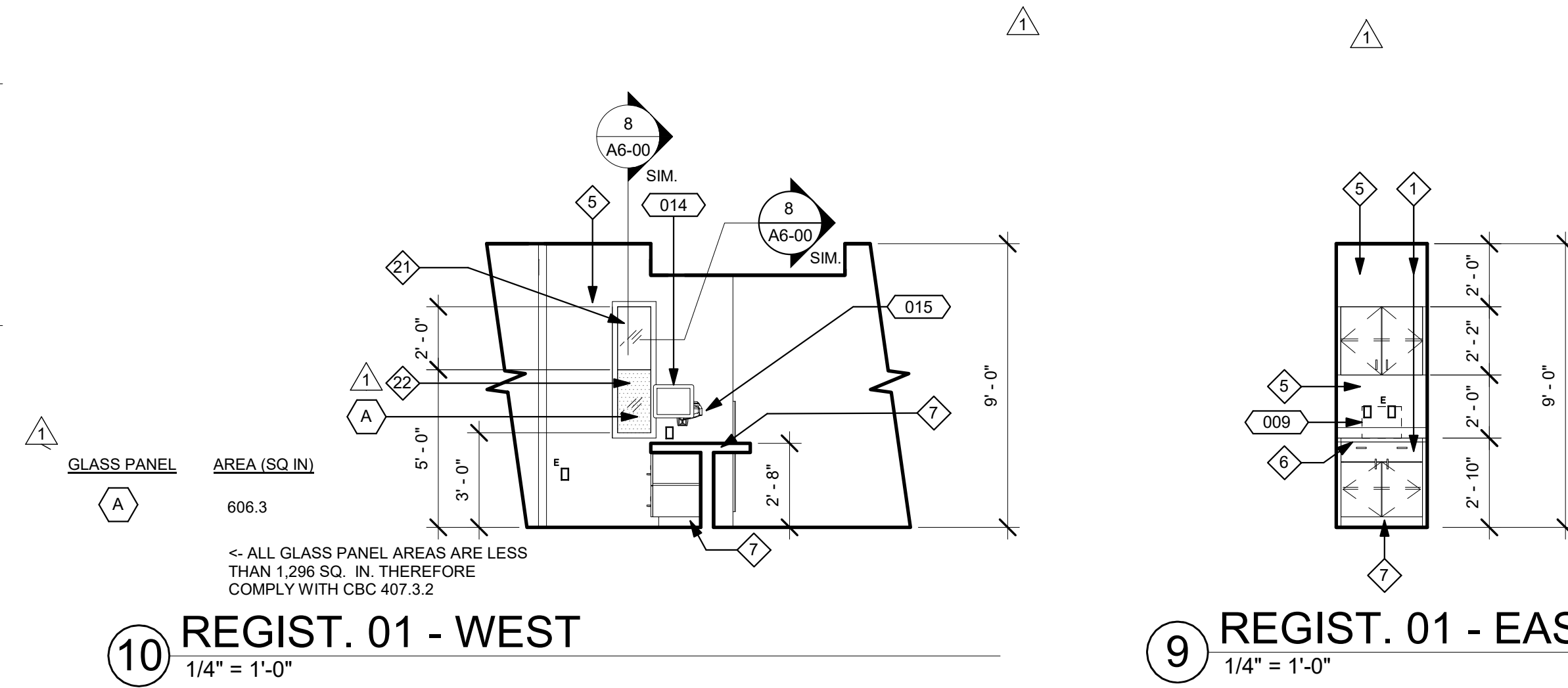
SHEET NUMBER:  
**A4-40**

DRAWN BY:  
 Author

CHECKED BY:  
 Checker

SCALE:  
 As indicated

DATE:  
 08/03/16



**TCMC  
EMERGENCY  
DEPARTMENT**

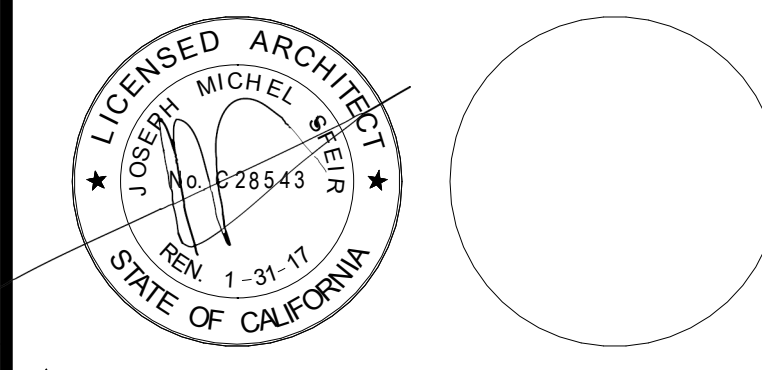
**TRI-CITY MEDICAL  
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4002 VISTA WAY  
OCEANSIDE, CALIFORNIA  
92056

OWNER: TRI-CITY MEDICAL CENTER  
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1	OSHPD COMMENTS	12/01/16
2	DESIGN CHANGES	12/01/16
3	OSHPD COMMENTS	02/15/17
4	DESIGN CHANGES	02/15/17
5	OSHPD COMMENTS	08/11/17

REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

SHEET TITLE:  
**1/4" INTERIOR  
ELEVATIONS**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT #:  
01593.00

SHEET NUMBER:  
**A4-41**

**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.

**LEGEND:**

- 11 REFER TO EQUIPMENT SCHEDULE.
- 1 NOTES

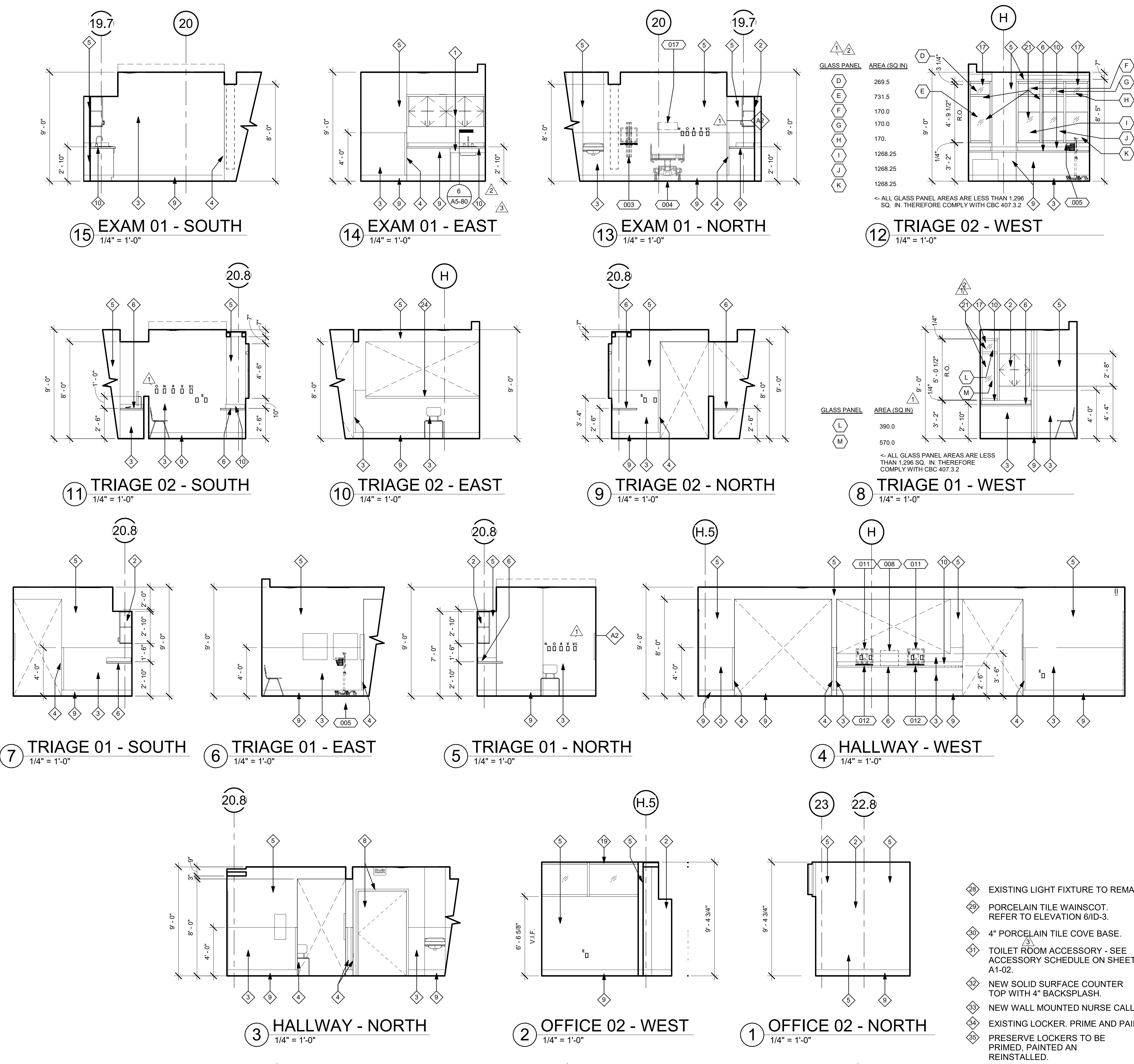
**CASEWORK LEGEND:**

CASE ID NUMBER	HEIGHT	DEPTH (U.O.N. ON ELEVATIONS)	OUTLET DESCRIPTION
D10024	A 18"		A - MEDICAL COMPRESSED AIR
	B 24"		C - CODE BLUE
	C 27"		D - DATA
	D 30"		DP - DICTAPHONE
	E 30"		DS - DIMMER SWITCH
	F 33"		E - DUPLEX ELECT. OUTLET
	G 36"		F - FAX MACHINE
	H 39"		IC - INTERCOM
	I 42"		J - JUNCTION BOX
	J 42"		N - NURSE CALL
	K 46"		O - OXYGEN
	L 46"		PS - NURSE CALL PULL STATION
	M 54"		S - SWITCH
	N 72"		T - TELEPHONE
	P 80"		TL - TASK LIGHT
	Q 86"		TV - TELEVISION
	R 86"		
	S 96"		
	AS REQ.		

- 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 BE PLASTIC LAMINATE UNLESS NOTED OTHERWISE.
  - PROVIDE PLASTIC LAMINATE SOFFIT TO ENCLOSE SPACE BETWEEN CEILING AND TOP OF CABINET. TYPICAL UNLESS NOTED OTHERWISE.
  - 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.
  - REFER TO DETAILS 2 & 3 ON SHEET A5-80 FOR WALL CABINET ANCHORAGE/BACKING TRACK CONNECTION.
  - GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS OF ROUGH OPENINGS AND COORDINATE W/OWNER FOR ALL EQUIPMENT CLEARANCES PRIOR TO PREPARING SHOP DRAWINGS AND FABRICATION.

**ELEVATION KEYNOTES:**

- NEW BASE AND UPPER CABINETS.
- NEW UPPER CABINETS.
- ACROVYN WALL PROTECTION.
- ACROVYN CORNER GUARD, 2" X 2".
- PRIME AND PAINT.
- NEW SOLID SURFACE COUNTER TOP.
- NEW 4" SHEET VINYL COVE BASE.
- PRIME AND PAINT THE DOOR AND DOOR FRAMES.
- NEW 6" SHEET VINYL COVE BASE.
- COVED BACKSPLASH.
- PROVIDE AND INSTALL CPU HOLDER TO BE ANCHORED TO THE UNDERSIDE OF THE COUNTERTOP.
- RETURN WAINSCOT TO DOOR FRAME.
- UNDER CABINET LIGHTS.
- NEW ROLL DOWN SHADES.
- UNDER COUNTER PRIVACY PARTITION.
- NEW FILE CABINET.
- PRIME AND PAINT THE WINDOW FRAMES.
- ACROVYN CHAIR RAIL.
- PRIME AND PAINT EXISTING WINDOW FRAMES.
- PRIME AND PAINT EXISTING DOOR AND DOOR FRAME.
- 1/4" CLEAR FIRE RATED GLASS. FIRELITE PREMIUM.
- TRANSLUCENT FROSTED PORTION OF 1/4" FIRE RATED GLASS.
- NURSE CALL PANEL.
- SOLID SURFACE & SILL.
- 1/4" CLEAR TEMPERED GLASS.
- NEW WALL BASE (NIC). COORDINATE WITH OWNER.
- CARD READER.
- EXISTING LIGHT FIXTURE TO REMAIN.
- PORCELAIN TILE WAINSCOT. REFER TO ELEVATION 6/ID-3.
- 4" PORCELAIN TILE COVE BASE.
- TOILET ROOM ACCESSORY - SEE ACCESSORY SCHEDULE ON SHEET A1-02.
- NEW SOLID SURFACE COUNTER TOP WITH 4" BACKSPLASH.
- NEW WALL MOUNTED NURSE CALL.
- EXISTING LOCKER. PRIME AND PAINT.
- PRESERVE LOCKERS TO BE PRIMED, PAINTED AND REINSTALLED.



TCMC  
EMERGENCY  
DEPARTMENT

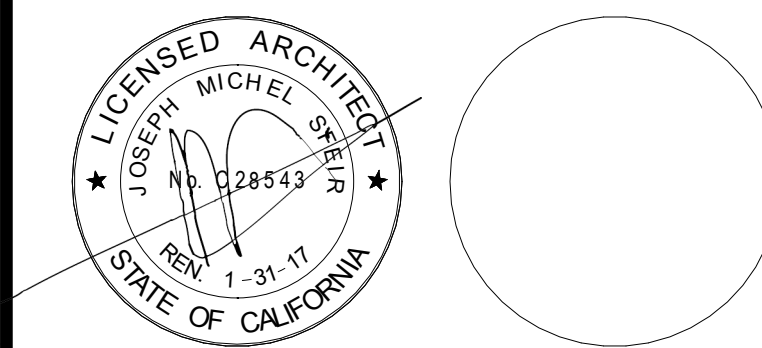
TRI-CITY MEDICAL  
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ME&P: P2S  
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REV	DESCRIPTION	DATE
1	OSHPD COMMENTS	12/01/16
2	DESIGN CHANGES	12/01/16
3	OSHPD COMMENTS	02/15/17
4	DESIGN CHANGES	02/15/17
5	OSHPD COMMENTS	08/11/17

REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

SHEET TITLE:  
**1/4" INTERIOR  
ELEVATIONS**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT #:  
01593.00

SHEET NUMBER:  
A4-42

DRAWN BY:  
Author

CHECKED BY:  
Checker

SCALE:  
As indicated

DATE:  
08/03/16

**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.

**LEGEND:**

- 11 REFER TO EQUIPMENT SCHEDULE.
- ◇ NOTES

**CASEWORK LEGEND:**

CASE ID NUMBER	HEIGHT NUMBER	HEIGHT
D19002H	A	18"
	B	24"
	C	27"
	D	30"
	E	30"
	F	33"
	G	36"
	H	39"
	J	42"
	K	48"
	L	54"
	M	72"
	N	80"
	P	86"
	Q	96"
	R	AS REQ'D.

CASE WIDTH (INCHES) (- = AS REQ'D.)  
 CASE HEIGHT  
 CASE TYPE (REFER TO W.I.C.)  
 SPECIAL PREFIX  
 D = DOUBLE  
 M = MODIFY  
 TASK24 = 24" TASK LIGHT MODULE  
 TASK36 = 36" TASK LIGHT MODULE  
 TASK48 = 48" TASK LIGHT MODULE  
 FTPEP = SINK FOOT CONTROL PEDALS

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

**GENERAL NOTES:**

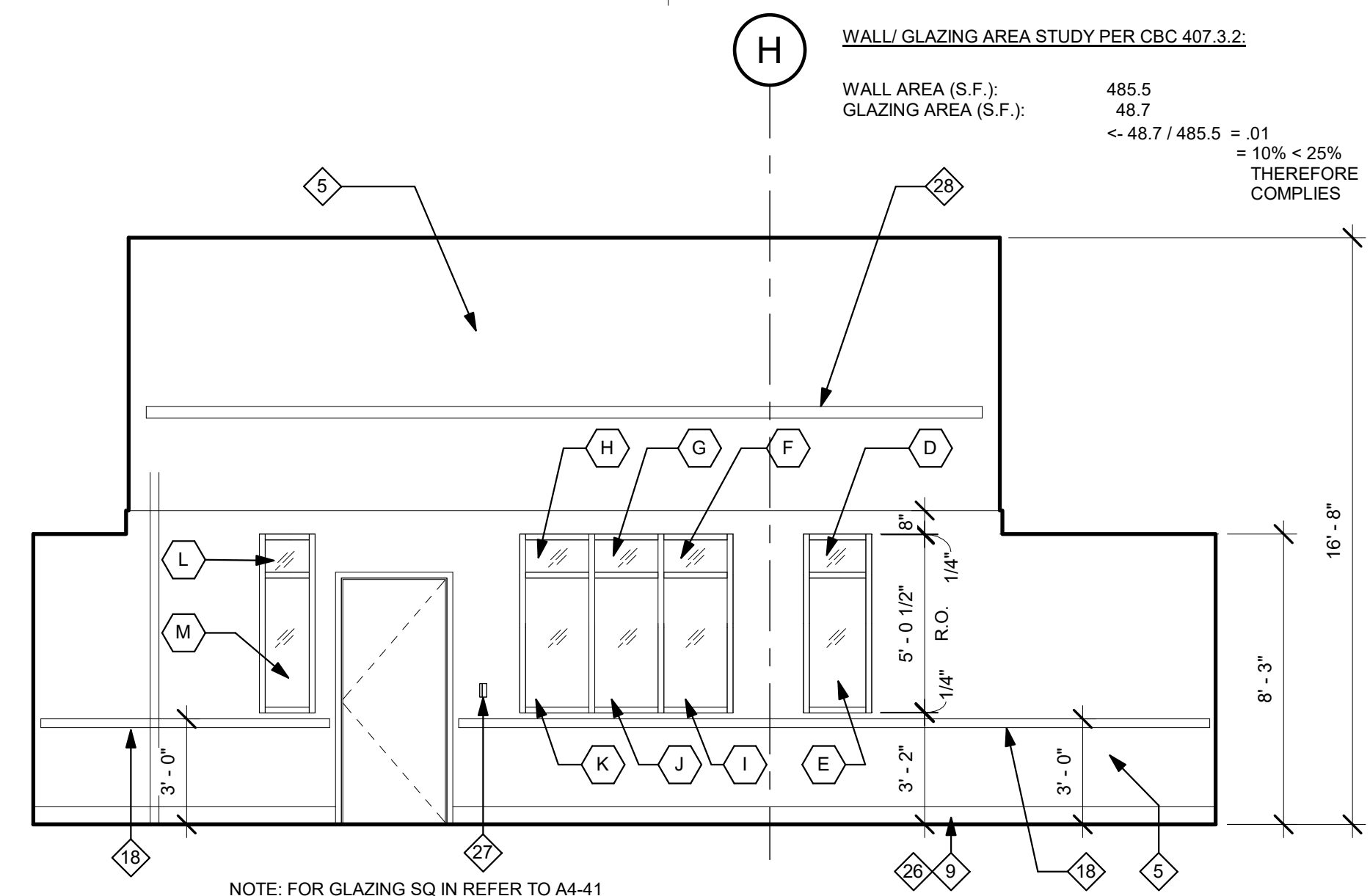
- ALL CASEWORK SHALL BE "CUSTOM" GRADE AS DEFINED BY THE WOODWORK INSTITUTE OF CALIFORNIA.
- FINISH ALL EXPOSED AND SEMI-EXPOSED SURFACES OF CASEWORK INCLUDING THE INTERIOR OF OPEN CASEWORK AND SHELVING WITH PLASTIC LAMINATE. ALL COUNTERTOPS SHALL BE PLASTIC LAMINATE UNLESS NOTED OTHERWISE.
- PROVIDE PLASTIC LAMINATE SOFFIT TO ENCLOSE SPACE BETWEEN CEILING AND TOP OF CABINET. TYPICAL UNLESS NOTED OTHERWISE.
- 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.
- REFER TO DETAILS 2 & 3 ON SHEET A5-80 FOR WALL CABINET ANCHORAGE/BACKING TRACK CONNECTION.
- GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS OF ROUGH OPENINGS AND COORDINATE W/OWNER FOR ALL EQUIPMENT CLEARANCES PRIOR TO PREPARING SHOP DRAWINGS AND FABRICATION.

**ELEVATION KEYNOTES:**

- 1 NEW BASE AND UPPER CABINETS.
- 2 NEW UPPER CABINETS.
- 3 ACROVYN WALL PROTECTION.
- 4 ACROVYN CORNER GUARD, 2" X 2".
- 5 PRIME AND PAINT.
- 6 NEW SOLID SURFACE COUNTER TOP.
- 7 NEW 4" SHEET VINYL COVE BASE.
- 8 PRIME AND PAINT THE DOOR AND DOOR FRAMES.
- 9 NEW 6" SHEET VINYL COVE BASE.
- 10 COVED BACKSPLASH.
- 11 PROVIDE AND INSTALL CPU HOLDER TO BE ANCHORED TO THE UNDERSIDE OF THE COUNTERTOP.
- 12 RETURN WAINSCOT TO DOOR FRAME.
- 13 UNDER CABINET LIGHTS.
- 14 NEW ROLL DOWN SHADES.
- 15 UNDER COUNTER PRIVACY PARTITION.
- 16 NEW FILE CABINET.
- 17 PRIME AND PAINT THE WINDOW FRAMES.
- 18 ACROVYN CHAIR RAIL.
- 19 PRIME AND PAINT EXISTING WINDOW FRAMES.
- 20 PRIME AND PAINT EXISTING DOOR AND DOOR FRAME.
- 21 1/4" CLEAR FIRE RATED GLASS. FIRELITE PREMIUM.
- 22 TRANSLUCENT FROSTED PORTION OF 1/4" FIRE RATED GLASS.
- 23 NURSE CALL PANEL.
- 24 SOLID SURFACE & SILL.
- 25 1/4" CLEAR TEMPERED GLASS.
- 26 NEW WALL BASE (NIC). COORDINATE WITH OWNER.
- 27 CARD READER.
- 28 EXISTING LIGHT FIXTURE TO REMAIN.
- 29 PORCELAIN TILE WAINSCOT. REFER TO ELEVATION 6/D-3.
- 30 4" PORCELAIN TILE COVE BASE.
- 31 TOILET ROOM ACCESSORY - SEE ACCESSORY SCHEDULE ON SHEET A1-02.
- 32 NEW SOLID SURFACE COUNTER TOP WITH 4" BACKSPLASH.
- 33 NEW WALL MOUNTED NURSE CALL.
- 34 EXISTING LOCKER. PRIME AND PAINT.
- 35 PRESERVE LOCKERS TO BE PRIMED, PAINTED AND REINSTALLED.

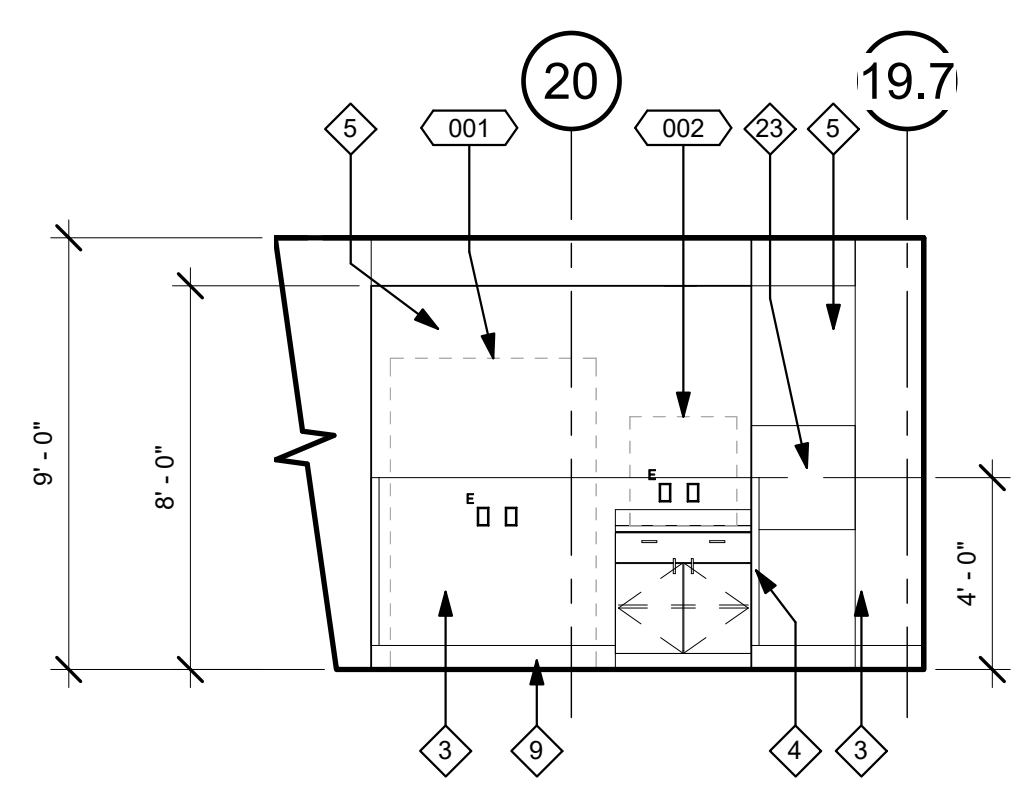
**WALL/ GLAZING AREA STUDY PER CBC 407.3.2:**

WALL AREA (S.F.): 485.5  
 GLAZING AREA (S.F.): 48.7  
 = 48.7 / 485.5 = .01  
 = 10% < 25%  
 THEREFORE COMPLIES

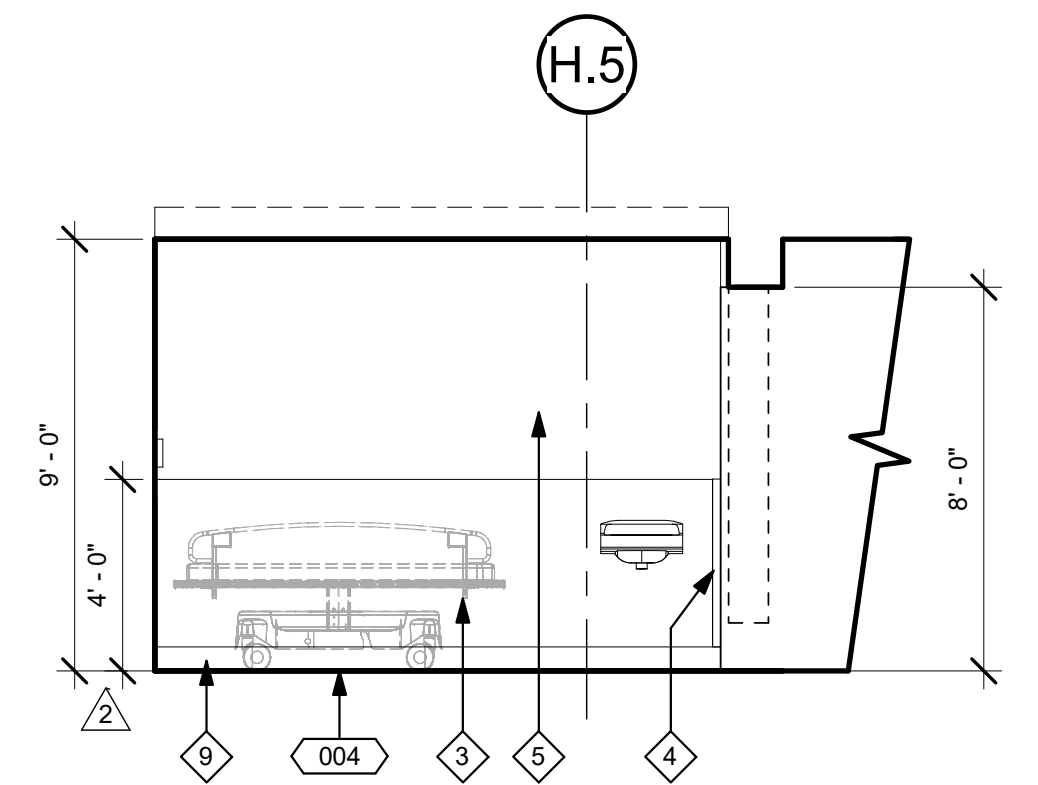


NOTE: FOR GLAZING SQ IN REFER TO A4-41

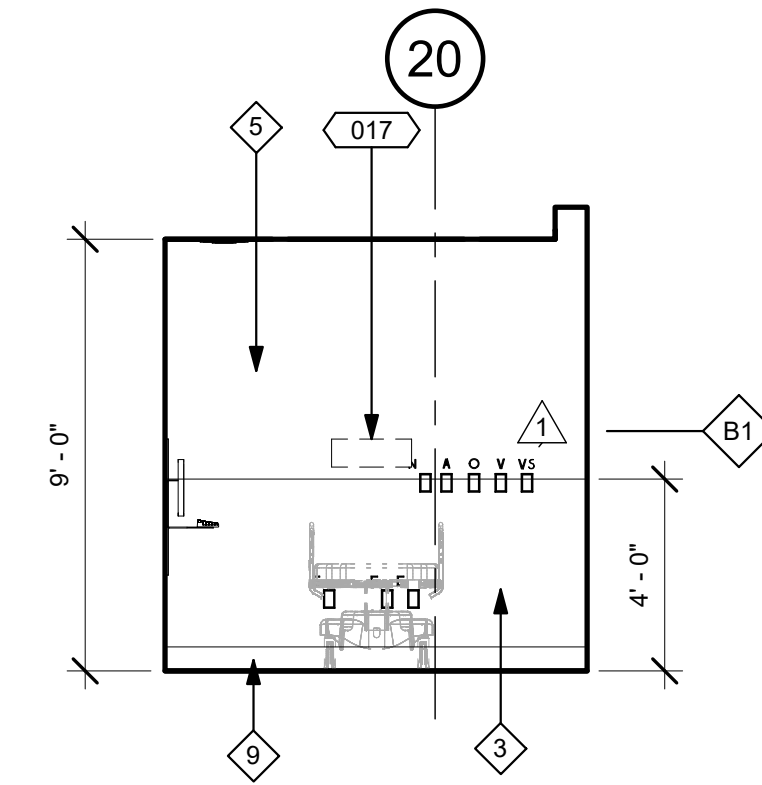
12 LOBBY/WAITING- EAST  
1/4" = 1'-0"



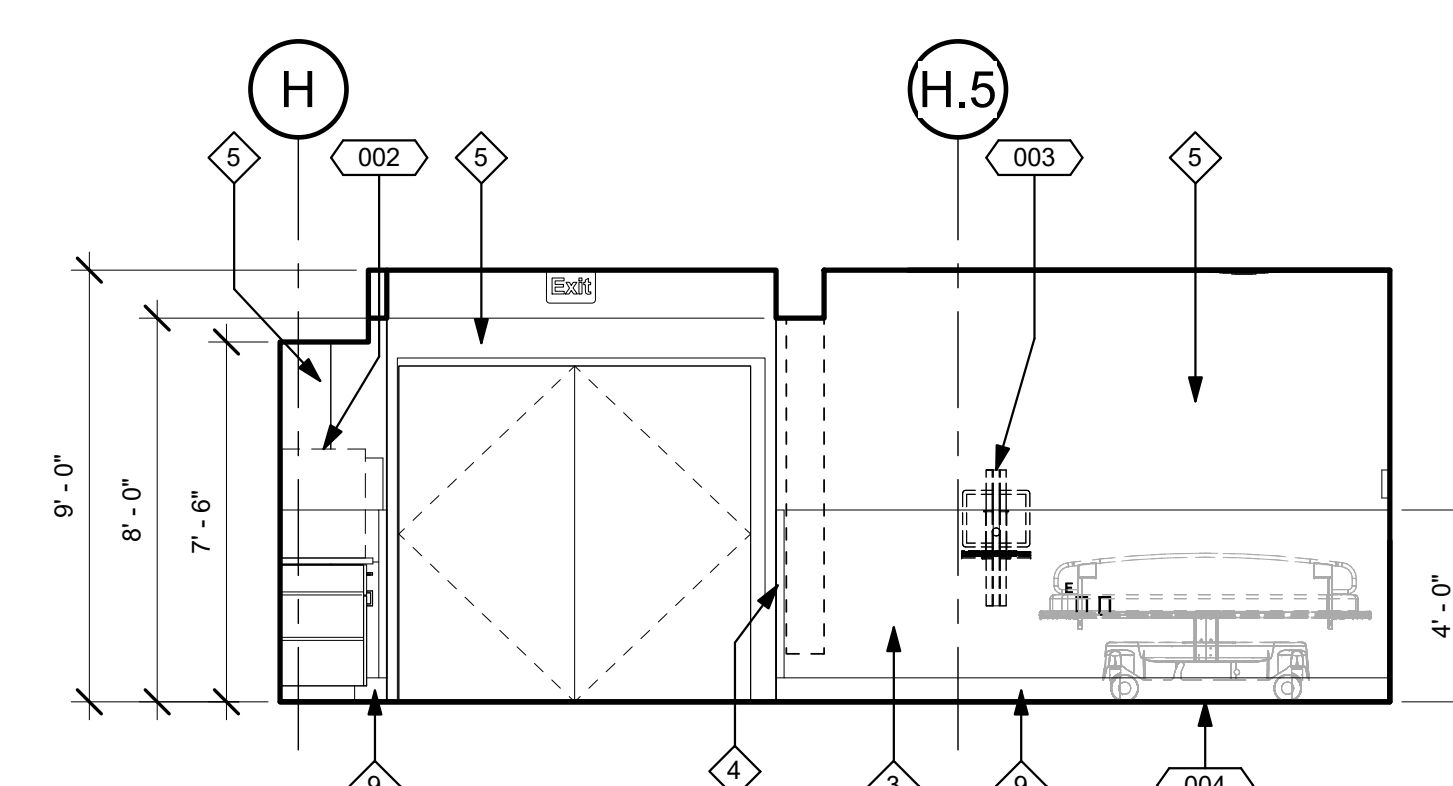
11 HALLWAY - NORTH (2)  
1/4" = 1'-0"



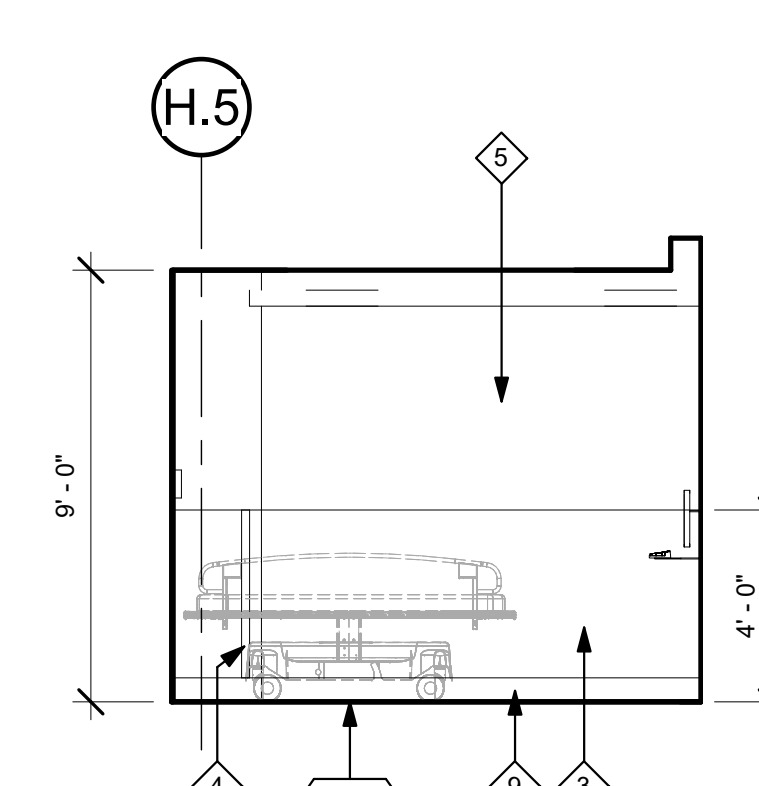
10 EXAM 04 - WEST  
1/4" = 1'-0"



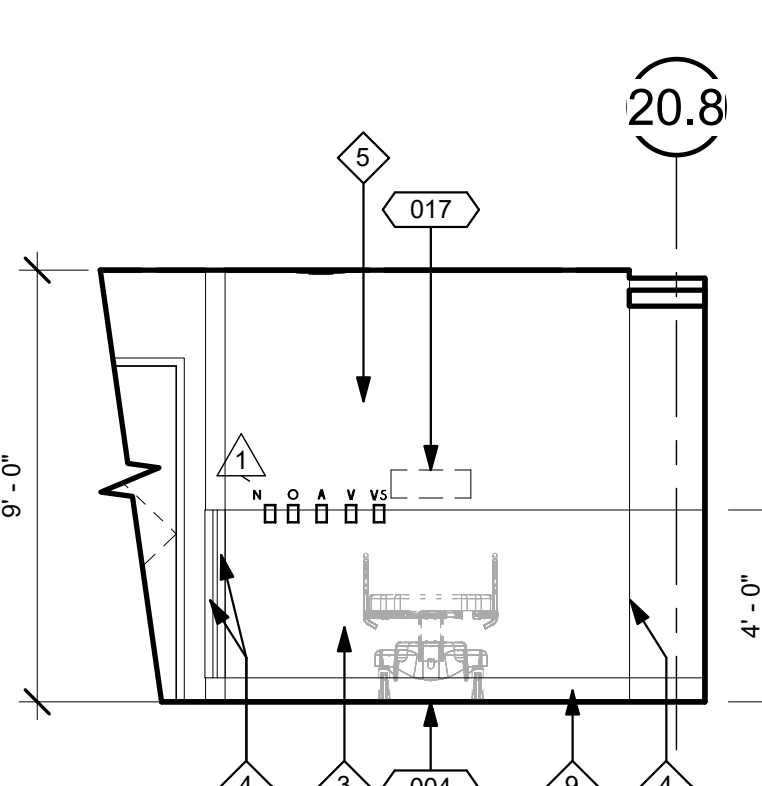
9 EXAM 04 - SOUTH  
1/4" = 1'-0"



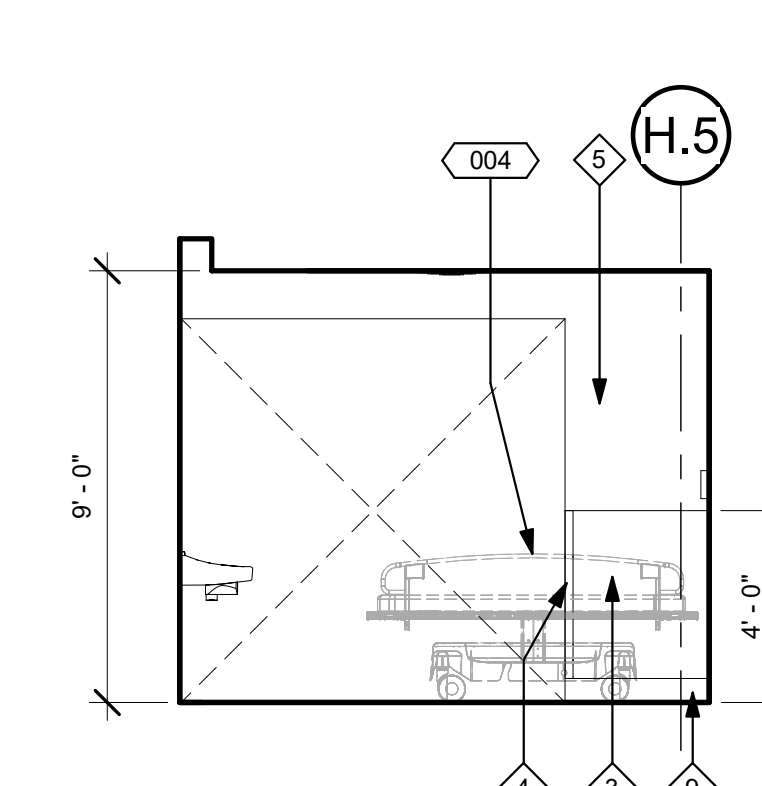
8 EXAM 04 - EAST  
1/4" = 1'-0"



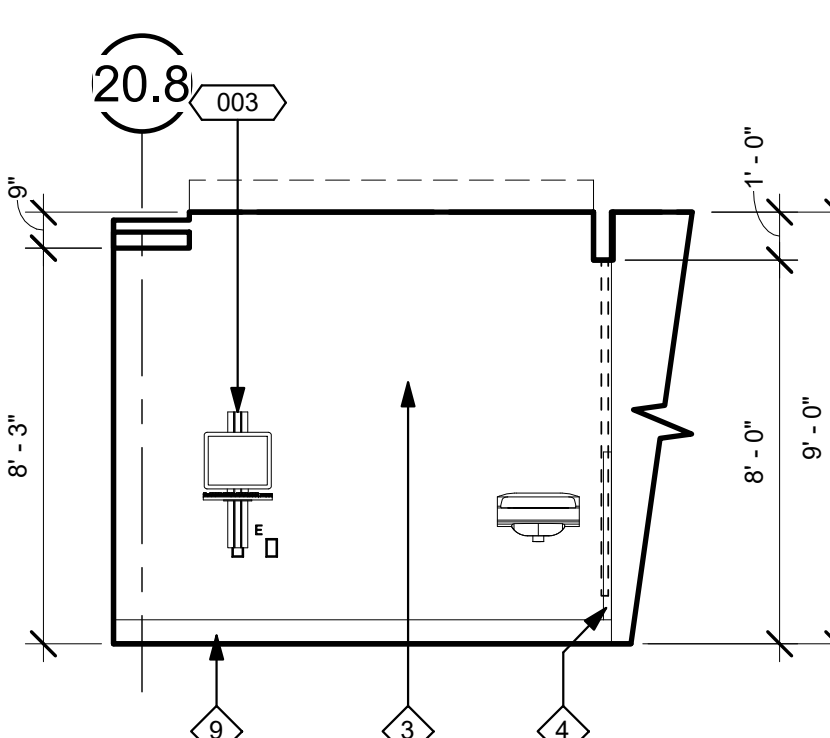
7 EXAM 03 - WEST  
1/4" = 1'-0"



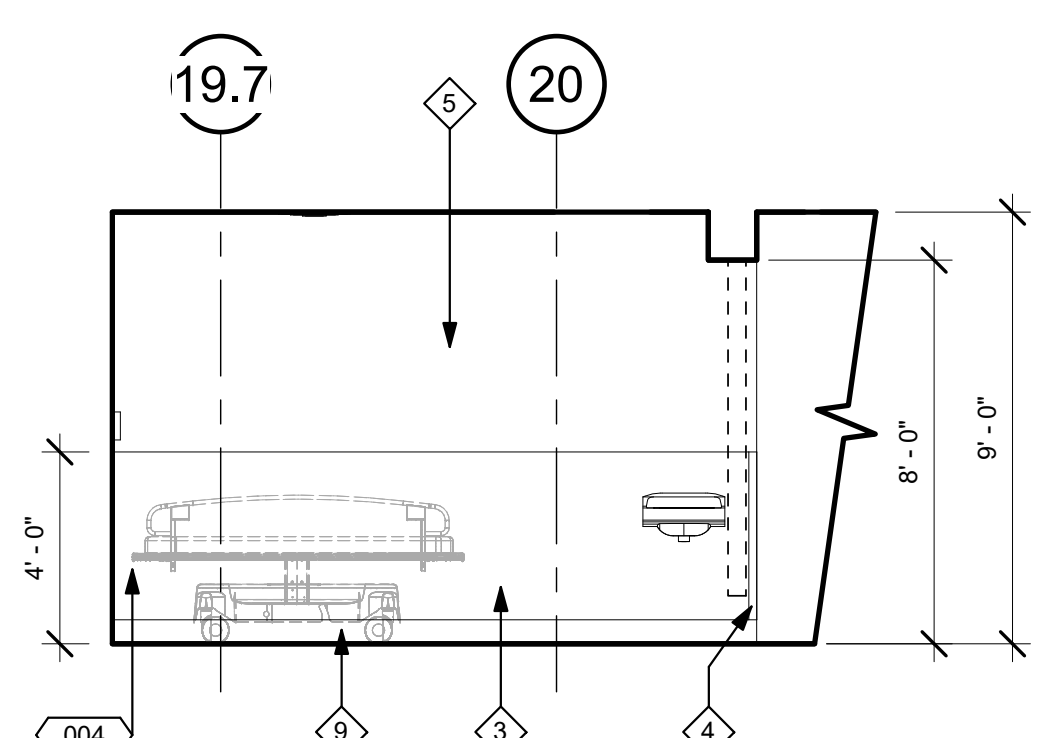
6 EXAM 03 - SOUTH  
1/4" = 1'-0"



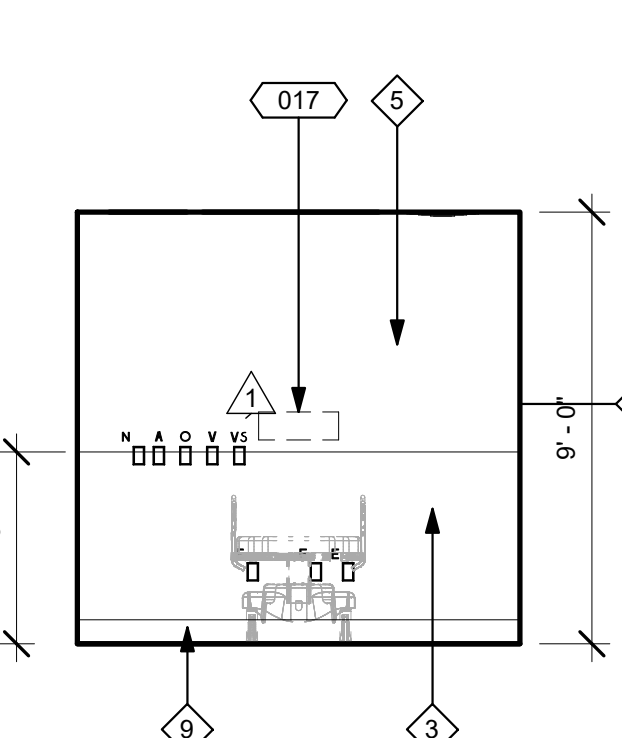
5 EXAM 03 - EAST  
1/4" = 1'-0"



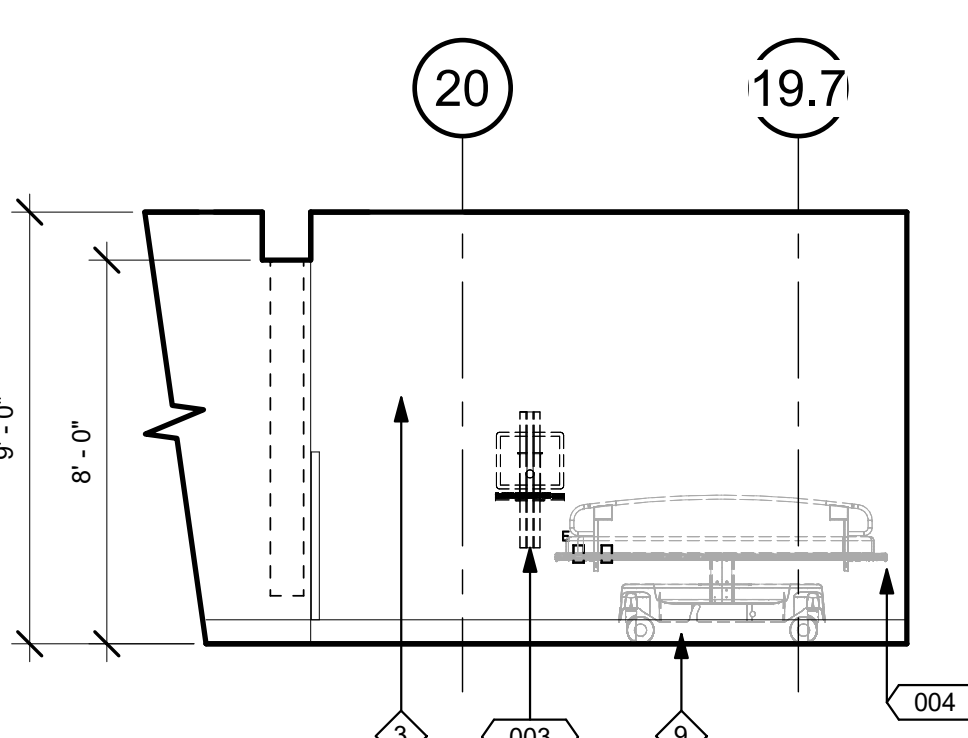
4 EXAM 03 - NORTH  
1/4" = 1'-0"



3 EXAM 02 - SOUTH  
1/4" = 1'-0"



2 EXAM 02 - EAST  
1/4" = 1'-0"



1 EXAM 02 - NORTH  
1/4" = 1'-0"

TCMC  
EMERGENCY  
DEPARTMENT

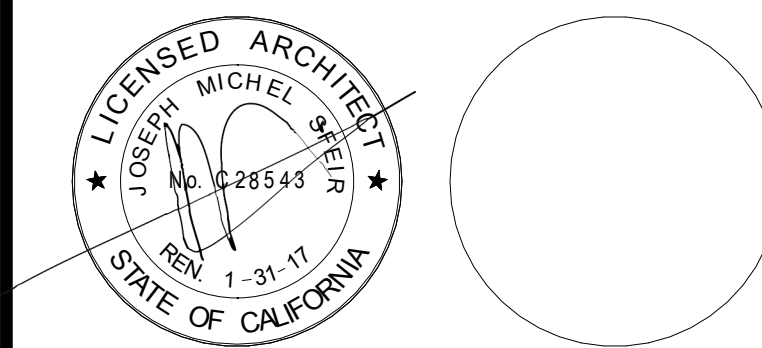
TRI-CITY MEDICAL  
CENTER  
4002 VISTA WAY  
OCEANSIDE, CALIFORNIA  
92056

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

ARCHITECT: SFEIR ARCHITECTS  
1350 COLUMBIA STREET, SUITE 603  
SAN DIEGO, CALIFORNIA 92101  
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  
9685 CHESAPEAKE DRIVE, SUITE 230  
SAN DIEGO, CALIFORNIA 92123  
TEL(619)618-2347 FAX(619)330-0668



1	OSHPD COMMENTS	12/01/16
2	DESIGN CHANGES	12/01/16
3	OSHPD COMMENTS	02/15/17
4	DESIGN CHANGES	02/15/17
5	OSHPD COMMENTS	08/11/17

REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

SHEET TITLE:  
**1/4" INTERIOR  
ELEVATIONS**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT #:  
01593.00

SHEET NUMBER:  
**A4-43**

DATE:  
08/03/16

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.

LEGEND:

- 11 REFER TO EQUIPMENT SCHEDULE.
- 1 NOTES

CASEWORK LEGEND:

CASE ID NUMBER	HEIGHT	NUMBER	HEIGHT
D100324	A	18"	
	B	24"	
	C	27"	
	D	30"	
	E	30"	
	F	33"	
	G	36"	
	H	39"	
	J	42"	
	K	48"	
	L	54"	
	M	72"	
	N	80"	
	P	86"	
	Q	96"	
	R	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

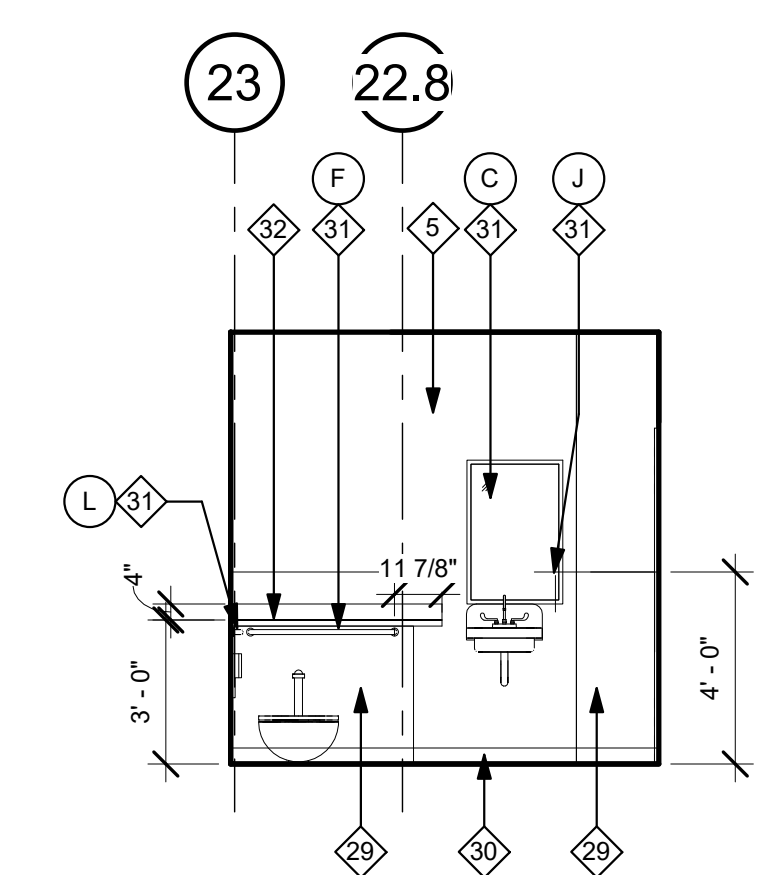
- A - MEDICAL COMPRESSED AIR
- C - CODE BLUE
- D - DATA
- DP - DICTAPHONE
- DS - DIMMER SWITCH
- E - DUPLEX ELECT. OUTLET
- F - FAX MACHINE
- IC - INTERCOM
- J - JUNCTION BOX
- N - NURSE CALL
- NO - NITROUS OXIDE
- O - OXYGEN
- PS - NURSE CALL
- PULL STATION
- S - SWITCH
- T - TELEPHONE
- TL - TASK LIGHT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

GENERAL NOTES:

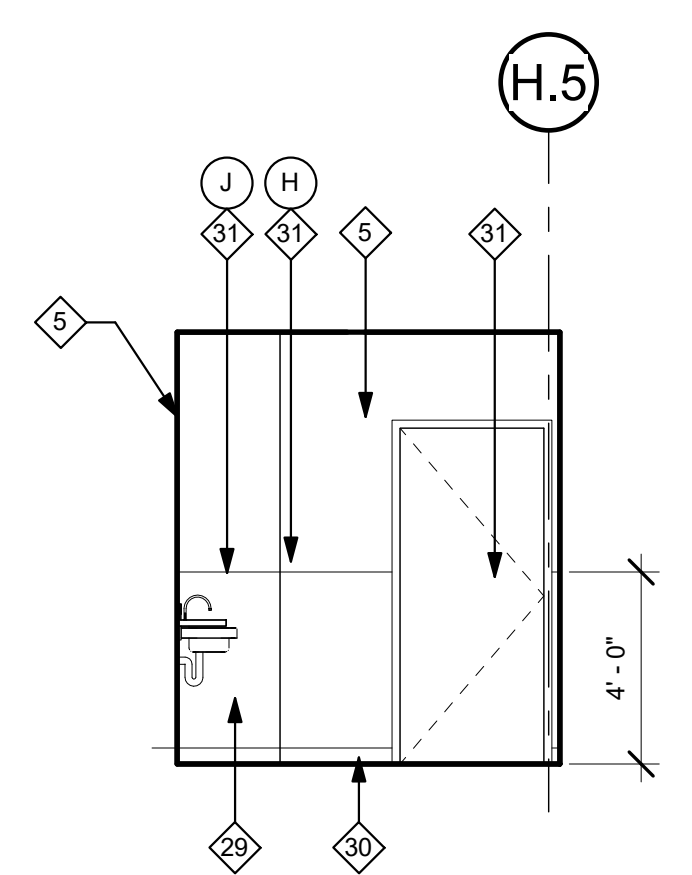
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- IN CASES OF CABINET INSTALLATIONS BETWEEN WALLS, VERIFY DIMENSIONS IN FIELD AND PROVIDE FILLER PANEL STRIPS AT ENDS OR REDUCE END CABINETS WIDTH AS REQUIRED TO FIT SPACE AS INDICATED.
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- GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS OF ROUGH OPENINGS AND COORDINATE W/OWNER FOR ALL EQUIPMENT CLEARANCES PRIOR TO PREPARING SHOP DRAWINGS AND FABRICATION.

ELEVATION KEYNOTES:

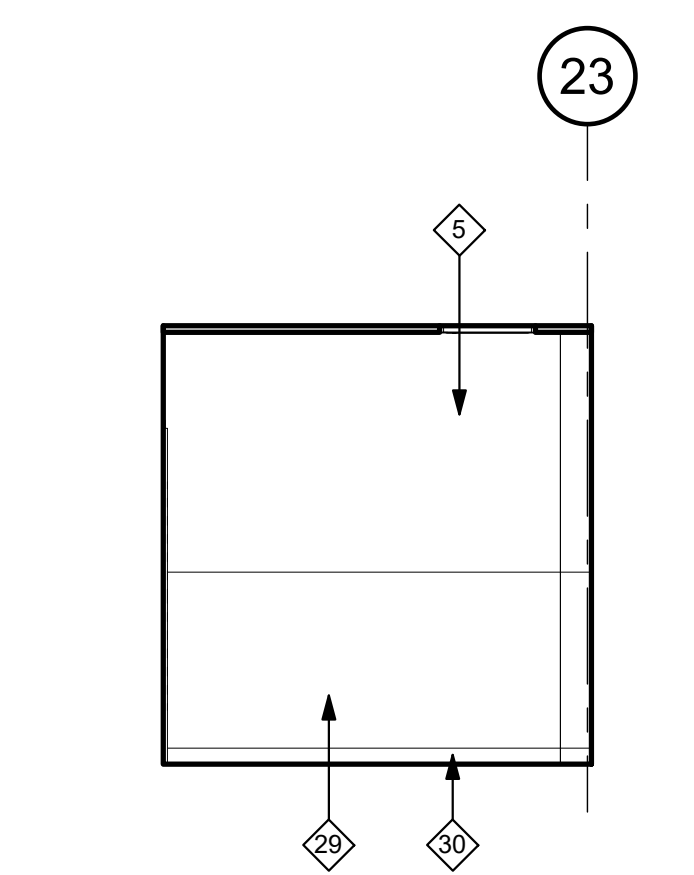
- NEW BASE AND UPPER CABINETS.
- NEW UPPER CABINETS.
- ACROVYN WALL PROTECTION.
- ACROVYN CORNER GUARD, 2" X 2".
- PRIME AND PAINT.
- NEW SOLID SURFACE COUNTER TOP.
- NEW 4" SHEET VINYL COVE BASE.
- PRIME AND PAINT THE DOOR AND DOOR FRAMES.
- NEW 6" SHEET VINYL COVE BASE.
- COVED BACKSPLASH.
- PROVIDE AND INSTALL CPU HOLDER TO BE ANCHORED TO THE UNDERSIDE OF THE COUNTERTOP.
- RETURN WAINSCOT TO DOOR FRAME.
- UNDER CABINET LIGHTS.
- NEW ROLL DOWN SHADES.
- UNDER COUNTER PRIVACY PARTITION.
- NEW FILE CABINET.
- PRIME AND PAINT THE WINDOW FRAMES.
- ACROVYN CHAIR RAIL.
- PRIME AND PAINT EXISTING WINDOW FRAMES.
- PRIME AND PAINT EXISTING DOOR AND DOOR FRAME.
- 1/4" CLEAR FIRE RATED GLASS. FIRELITE PREMIUM.
- TRANSLUCENT FROSTED PORTION OF 1/4" FIRE RATED GLASS.
- NURSE CALL PANEL.
- SOLID SURFACE & SILL.
- 1/4" CLEAR TEMPERED GLASS.
- NEW WALL BASE (NIC). COORDINATE WITH OWNER.
- CARD READER.



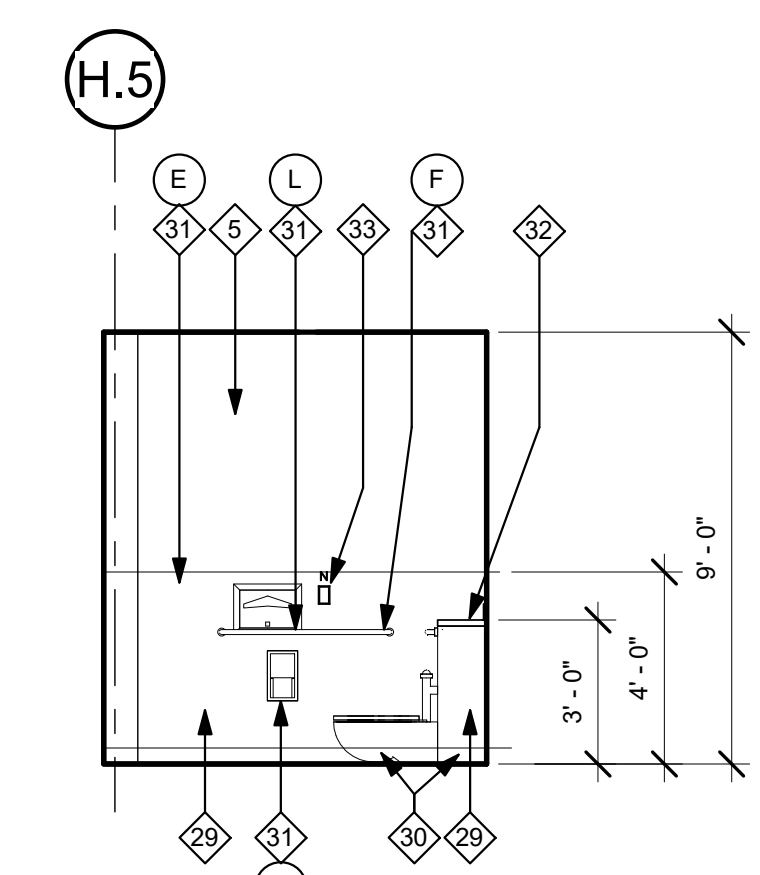
1 TOILET 205 - NORTH  
1/4" = 1'-0"



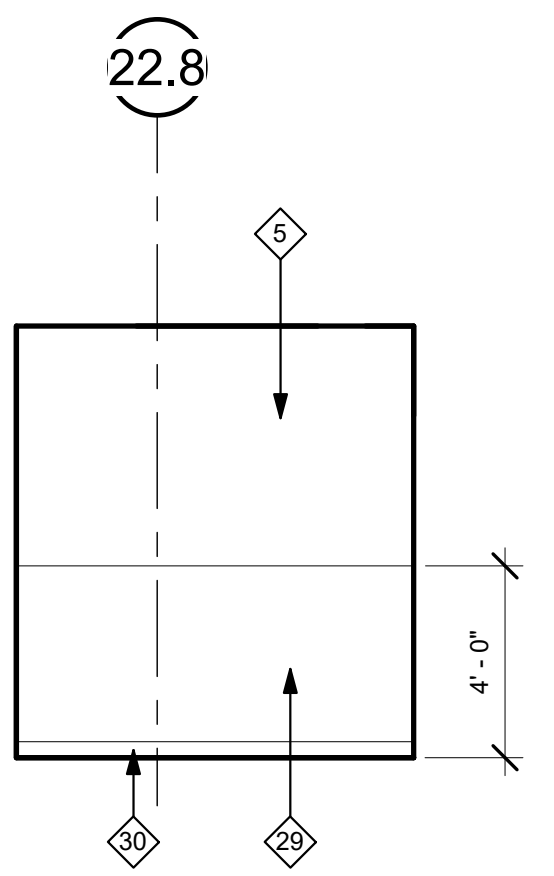
2 TOILET 205 - EAST  
1/4" = 1'-0"



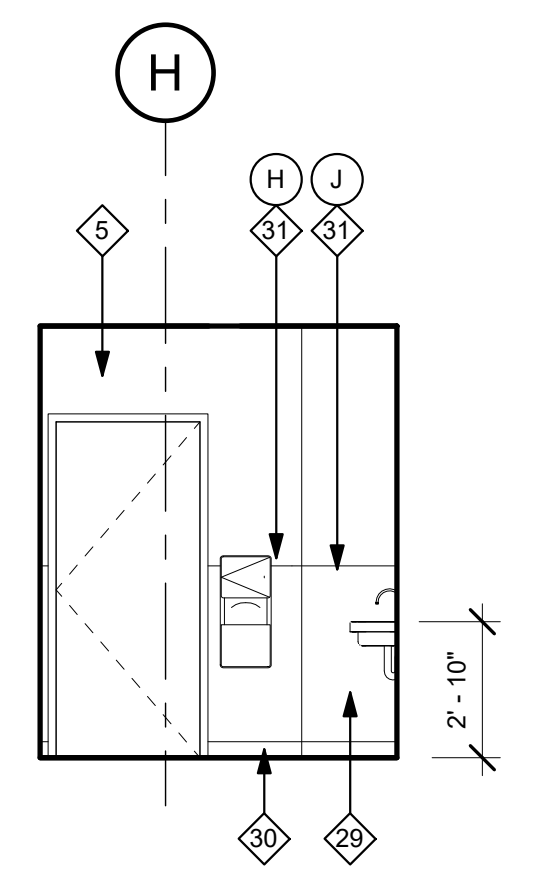
3 TOILET 205 - SOUTH  
1/4" = 1'-0"



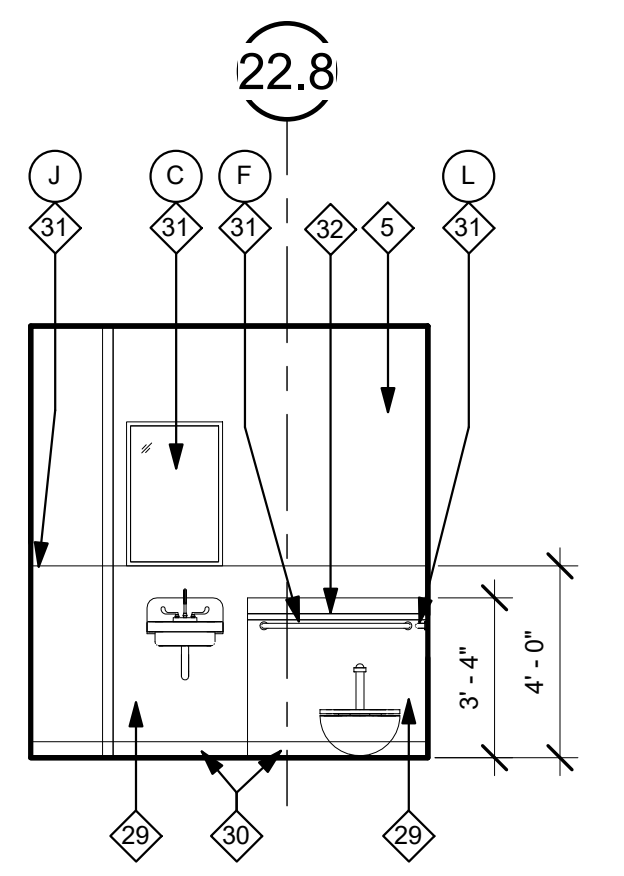
4 TOILET 205 - WEST  
1/4" = 1'-0"



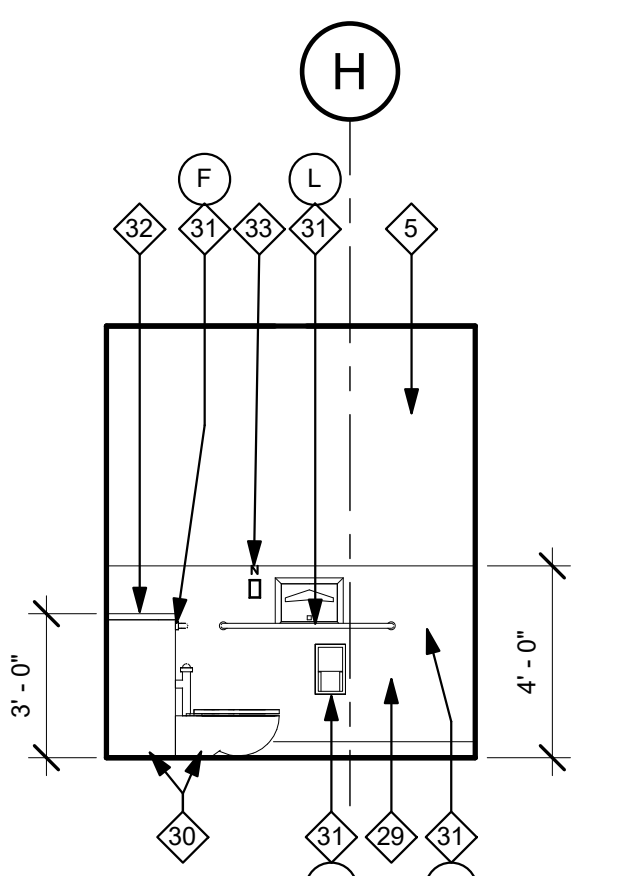
5 TOILET 204 - NORTH  
1/4" = 1'-0"



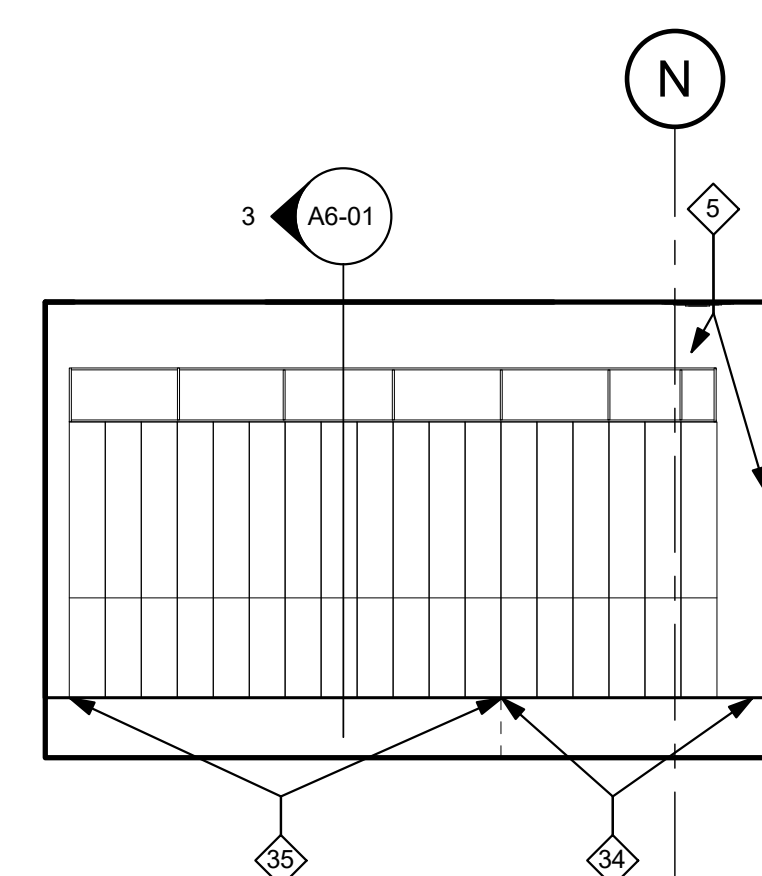
6 TOILET 204 - EAST  
1/4" = 1'-0"



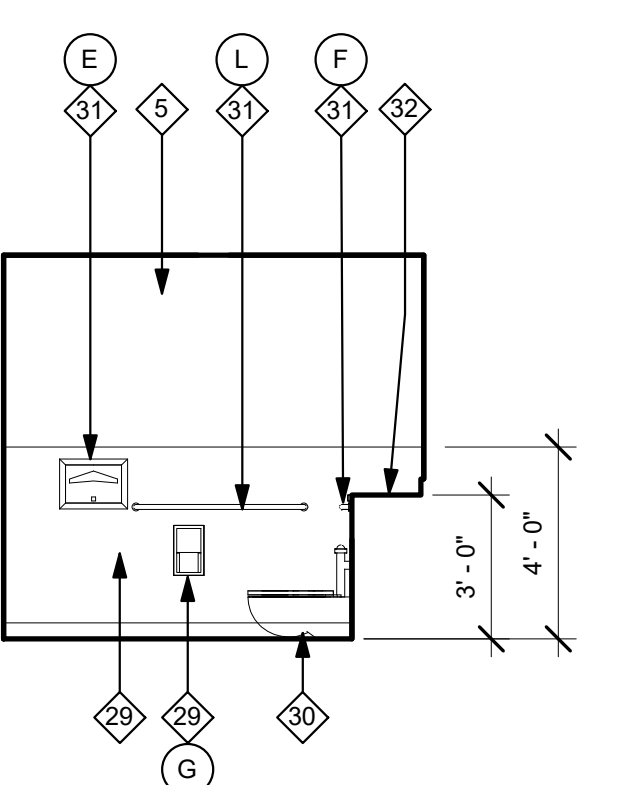
7 TOILET 204 - SOUTH  
1/4" = 1'-0"



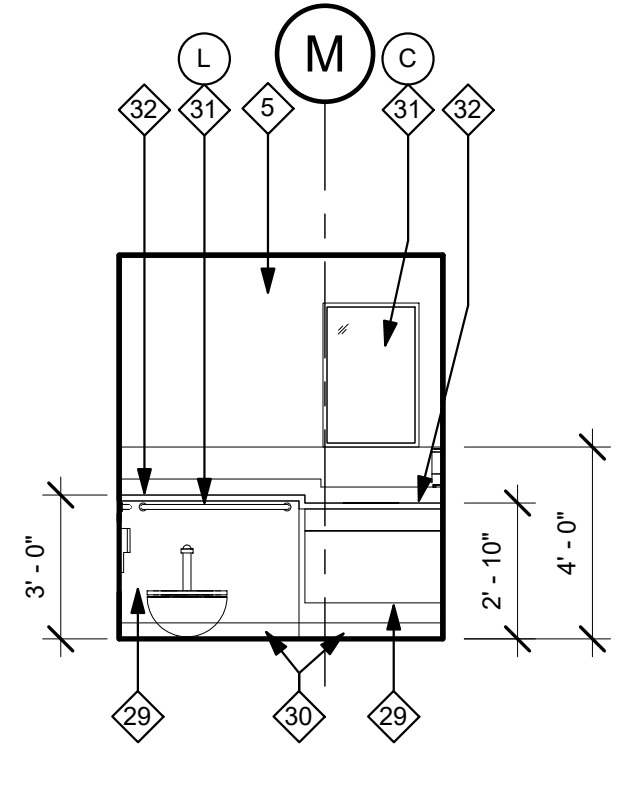
8 TOILET 204 - WEST  
1/4" = 1'-0"



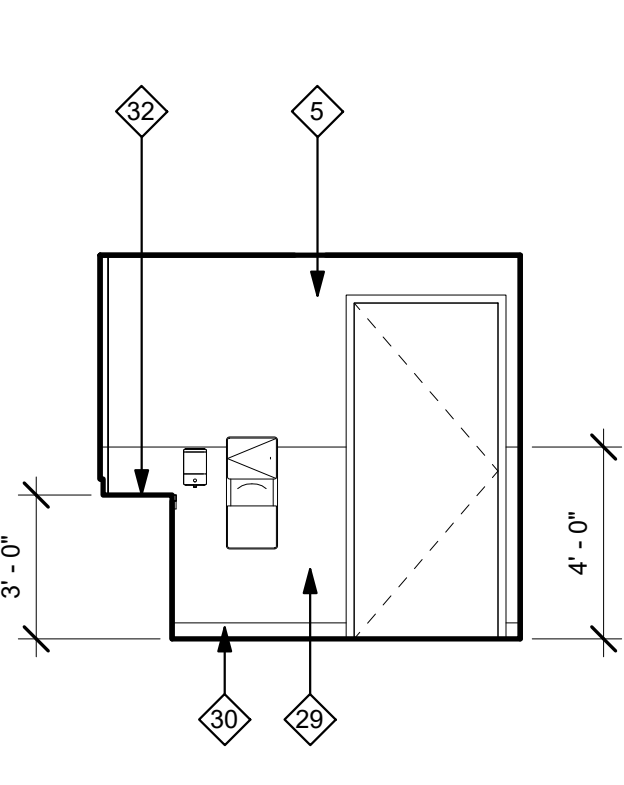
17 LOCKER 279 - EAST  
1/4" = 1'-0"



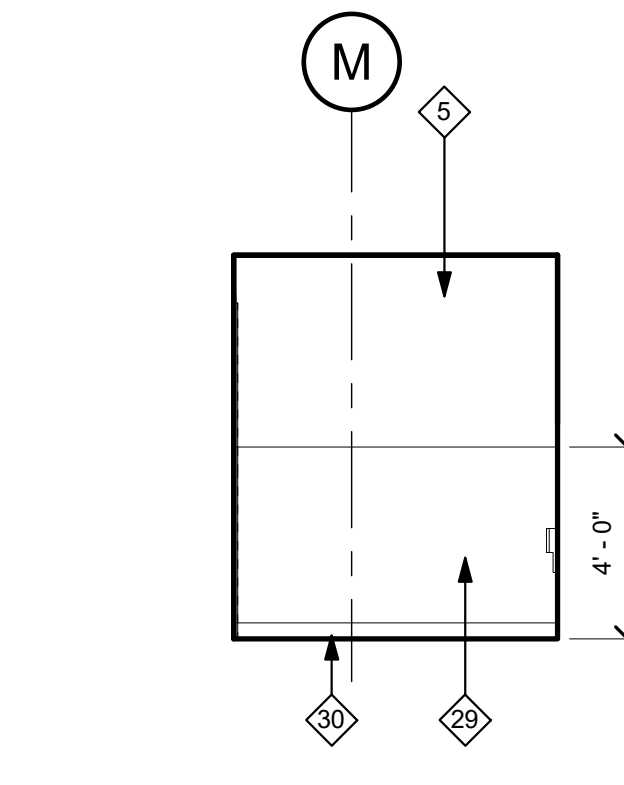
9 TOILET 276 - NORTH  
1/4" = 1'-0"



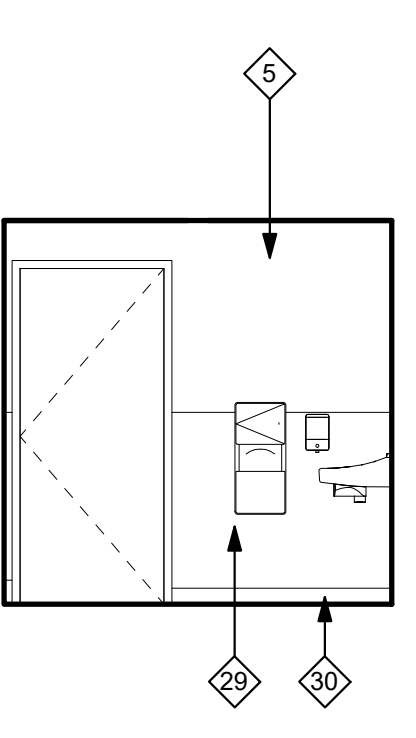
10 TOILET 276 - EAST  
1/4" = 1'-0"



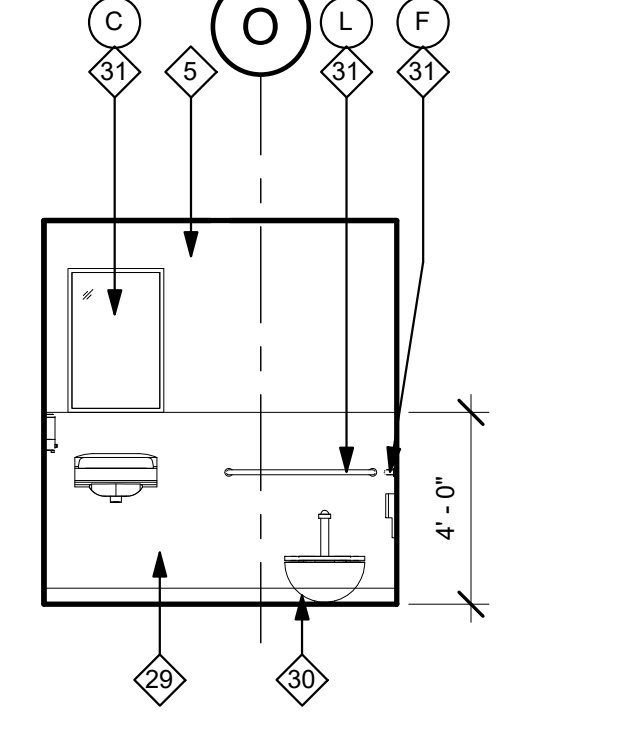
11 TOILET 276 - SOUTH  
1/4" = 1'-0"



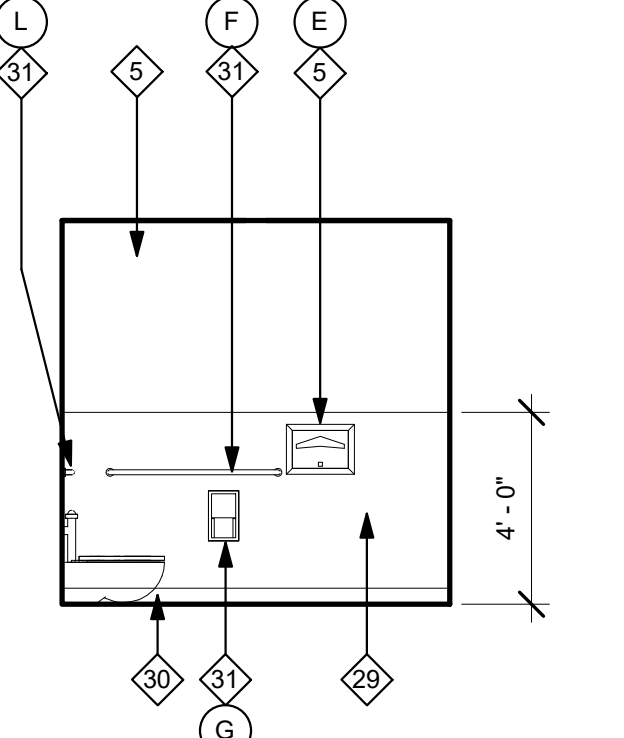
12 TOILET 276 - WEST  
1/4" = 1'-0"



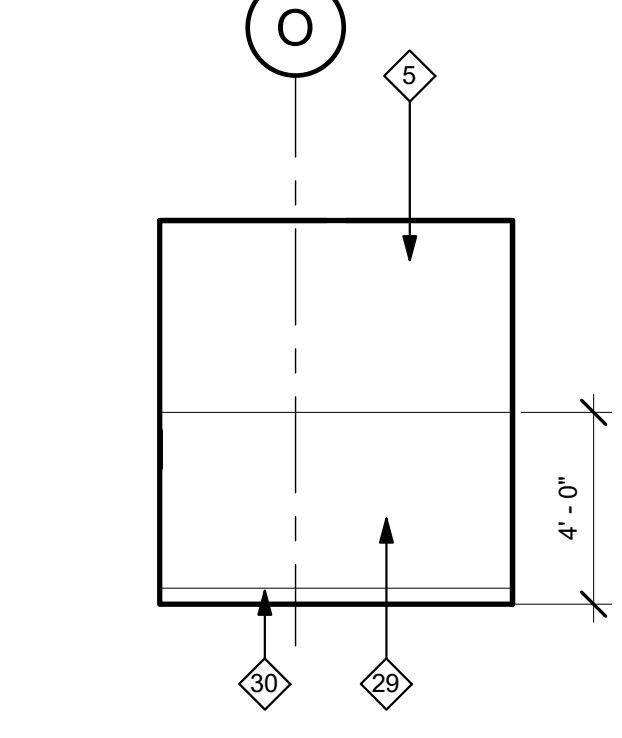
13 TOILET 278 - NORTH  
1/4" = 1'-0"



14 TOILET 278 - EAST  
1/4" = 1'-0"



15 TOILET 278 - SOUTH  
1/4" = 1'-0"



16 TOILET 278 - WEST  
1/4" = 1'-0"

- 26 EXISTING LIGHT FIXTURE TO REMAIN.
- 26 PORCELAIN TILE WAINSCOT. REFER TO ELEVATION 6/ID-3.
- 30 4" PORCELAIN TILE COVE BASE.
- 31 TOILET ROOM ACCESSORY - SEE ACCESSORY SCHEDULE ON SHEET A1-02.
- 32 NEW SOLID SURFACE COUNTER TOP WITH 4" BACKSPLASH.
- 33 NEW WALL MOUNTED NURSE CALL.
- 34 EXISTING LOCKER. PRIME AND PAINT.
- 35 PRESERVE LOCKERS TO BE PRIMED, PAINTED AND REINSTALLED.

TCMC EMERGENCY DEPARTMENT

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

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

ARCHITECT: SFEIR ARCHITECTS 1350 COLUMBIA STREET, SUITE 603 SAN DIEGO, CALIFORNIA 92101

STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011

ME&P: P2S 9665 CHESAPEAKE DRIVE, SUITE 230 SAN DIEGO, CALIFORNIA 92123



Revision table with columns for REV, DESCRIPTION, and DATE. Includes OSHPD COMMENTS and DESIGN CHANGES.

OSHPD APPROVAL STAMP: OSHPD # S162093-37-00

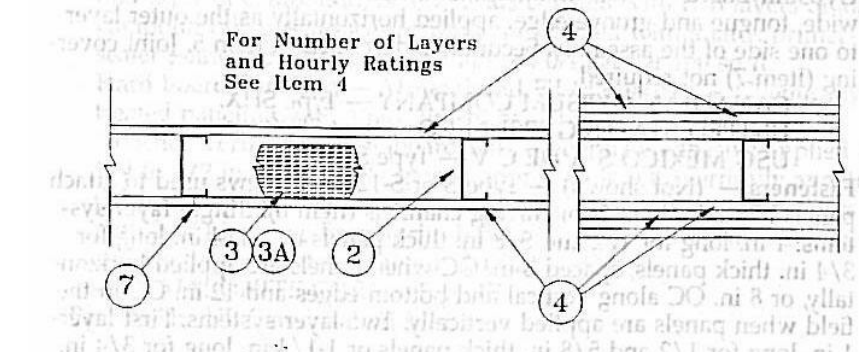
SHEET TITLE: FIRE RATED ASSEMBLIES

PROJECT TITLE: TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00 SHEET NUMBER: DRAWN BY: AR CHECKED BY: JS SCALE: As indicated DATE: 08/03/16

A5-00

Design No. U419 Nonbearing Wall Ratings - 1, 2, 3 or 4 Hr (See Items 3 & 4)



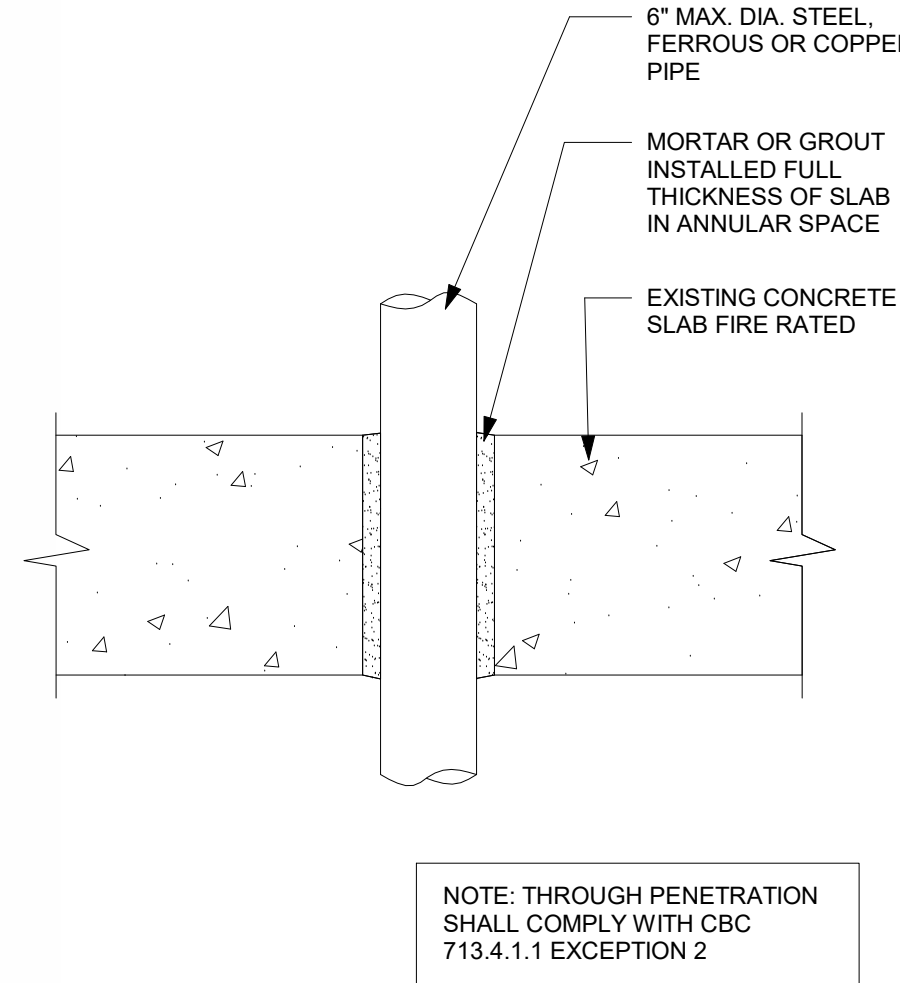
- 1. Floor and Ceiling Runners - Channel shaped, fabricated from min 25 MSG corrosion-protected steel... 2. Steel Studs - Channel shaped, fabricated from min 25 MSG corrosion-protected steel... 3. Batts and Blankets - (Required as indicated under Item 4) - Mineral wool batts, friction fitted between studs and runners...

Table with 4 columns: Rating, Min Stud, No. of Layers, Min Thkns of Insulation. Lists ratings from 1 to 4 with corresponding stud sizes and layer thicknesses.

- CANADIAN GYPSUM COMPANY - 1/2 in. thick Type C, IP-X2, IPC-AR, WRC, SCX, SHX, WRX, WRC or 3/4 in. thick Type IP-X3, ULTRACODE, ULTRACODE SHC or ULTRACODE WRC... UNITED STATES GYPSUM CO - 1/2 in. thick Type C, IP-X2, IPC-AR, WRC, SCX, SHX, WRX, WRC or 3/4 in. thick Type IP-X3, ULTRACODE, ULTRACODE SHC or ULTRACODE WRC... USG MEXICO S A DE C V - 1/2 in. thick Type C, IP-X2, IPC-AR or WRC, 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRX, WRC or 3/4 in. thick Type IP-X3, ULTRACODE, ULTRACODE SHC or ULTRACODE WRC...

- 4A. Gypsum Board\* - (As an alternate to Item 4) - 5/8 in. thick, 2 in. wide, tongue and groove edge, applied horizontally as the outer layer to one side of the assembly... 5. Fasteners - (Not shown) - Type 5 or S-12 steel screws used to attach panels to studs... 6. Furring Channels - (Optional, not shown), for single or double layer systems... 6A. Steel Framing Members (Not Shown)\* - (Optional on one or both sides, not shown, for single or double layer systems)...

METALLIC FLOOR PENETRATION DETAIL SCALE: NTS

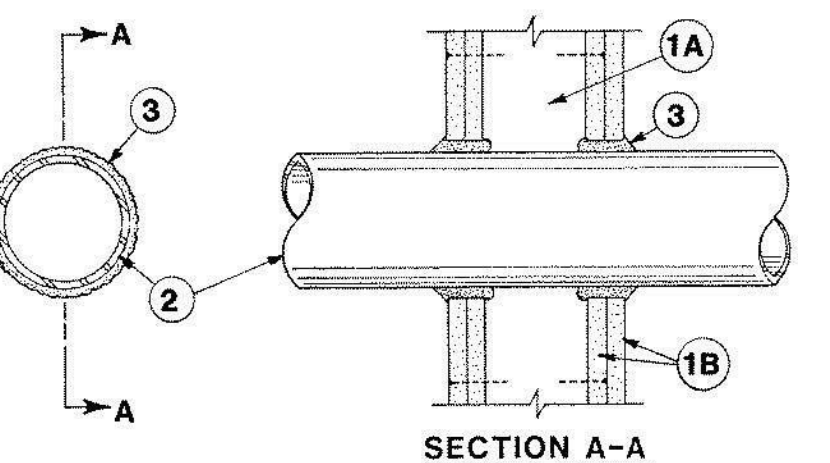


NOTE: THROUGH PENETRATION SHALL COMPLY WITH CBC 713.4.1.1 EXCEPTION 2

System No. WL-1001

June 15, 2005

F Ratings - 1, 2, 3 and 4 Hr (See Items 2 and 3) T Ratings - 0, 1, 2, 3, and 4 Hr (See Item 3) L Rating at Ambient - Less than 1 CFM/sq ft L Rating at 400 F - Less than 1 CFM/sq ft



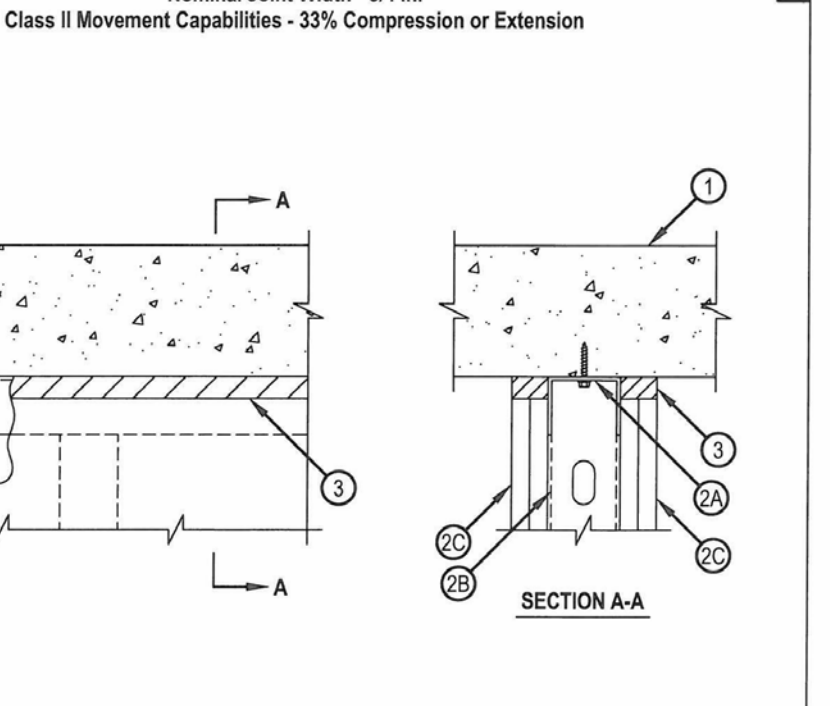
1. Wall Assembly - The 1, 2, 3 or 4 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner described in the individual U400 or U400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

- A. Studs - Wall framing may consist of either wood studs (max 2 hr fire rated assemblies) or steel channel studs... B. Gypsum Board\* - Nom 1/2 or 5/8 in. (13 or 16 mm) thick, 4 ft. (122 cm) wide with square or tapered edges... C. Conduit - Nom 6 in. (152 mm) diam (or smaller) steel conduit or nom 4 in. (102 mm) diam (or smaller) steel electrical metallic tubing... D. Copper Tubing - Nom 6 in. (152 mm) diam (or smaller) Type L (or heavier) copper tubing... E. Copper Pipe - Nom 6 in. (152 mm) diam (or smaller) Regular (or heavier) copper pipe...

- F. Through Penetrating Product\* - Flexible Metal Piping The following types of steel flexible metal gas piping may be used: 1. Nom 2 in. (51 mm) diam (or smaller) steel flexible metal gas piping... 2. Nom 1 in. (25 mm) diam (or smaller) steel flexible metal gas piping... GASTITE, DIV OF TITFLEX 3. Nom 1 in. (25 mm) diam (or smaller) steel flexible metal gas piping... WARD MFG L L C

Table with 3 columns: Max Pipe or Conduit Diam In (mm), F Rating Hr, T Rating Hr. Lists ratings for various pipe sizes.

System No. HW-D-002 Assembly Rating - 1 & 2 Hr (See Items 2 & 3) Nominal Joint Width - 3/4 in. Class II Movement Capabilities - 33% Compression or Extension



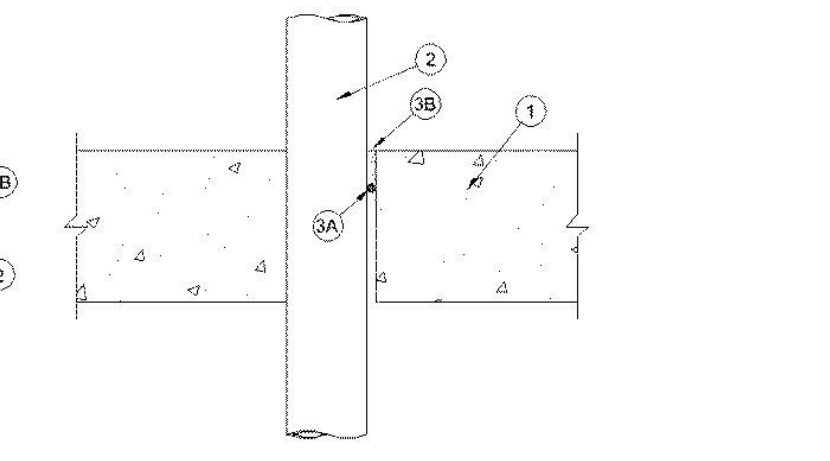
- 1. Floor Assembly - Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m3) concrete... 2. Wall Assembly - The 1 or 2 hr fire-rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U400 or U400 Series Wall and Partition Design in the UL Fire Resistance Directory and shall include the following construction features: A1. Light Gauge Framing\* - Slotted Ceiling Runner - As an alternate to the ceiling runner in Item 2A, slotted ceiling runner to consist of galv steel channel with slotted flanges steel to accommodate steel studs (Item 2B)...

HEAD OF WALL ASSEMBLY UL HW-D-002

System No. C-AJ-2510

June 30, 2005

F Rating - 2 Hr T Ratings - 0, 1, 2, 3, and 4 Hr (See Item 2) L Rating at Ambient - Less Than 1 CFM/sq ft L Rating at 400 F - 5 CFM/sq ft W Rating - Class 1



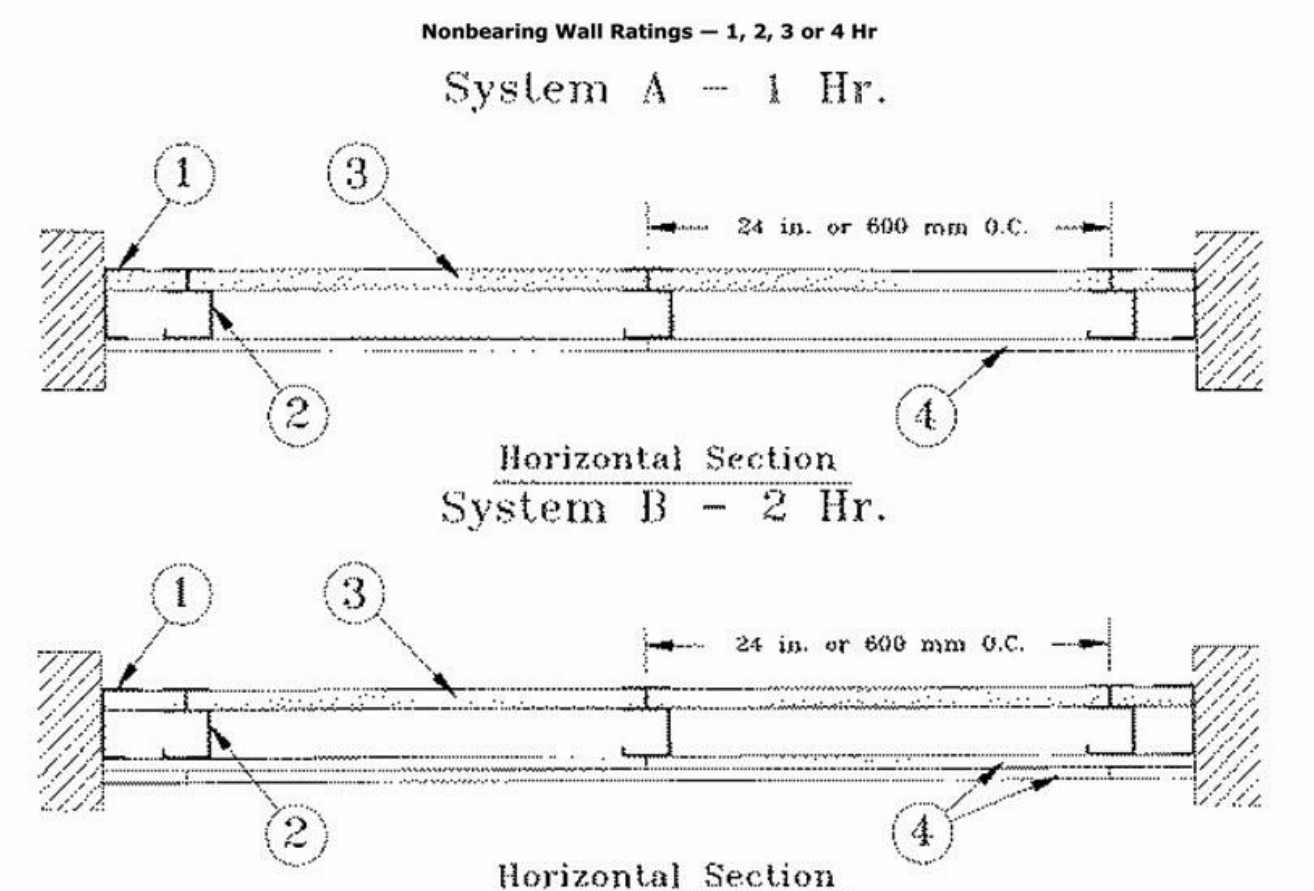
1. Floor or Wall Assembly - Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m3) concrete. Wall may also be constructed of any UL Classified Concrete Blocks\*. The opening shall be 1 in. (25 mm) larger than the nom diam of penetrant.

- 1A. Steel Sleeve - (optional, not shown) - Schedule 40 (or heavier) steel sleeve cast or grouted into floor or wall assembly... 2. Through-Penetrants - For nom 2 in. (51 mm) diam (or smaller) pipes, one nonmetallic pipe, conduit or tubing to be installed concentrically or eccentrically within the firestop system... A. Polyvinyl Chloride (PVC) Pipe - Nom 3 in. (51 mm) diam (or smaller) Schedule 40 solid core PVC pipe... B. Chlorinated Polyvinyl Chloride (CPVC) Pipe - Nom 3 in. (51 mm) diam (or smaller) SDR13.5 CPVC pipe... C. Rigid Nonmetallic Conduit\* - Nom 3 in. (51 mm) diam (or smaller) Schedule 40 PVC conduit... D. Crosslinked Polyethylene (PEX) Tubing - Nom 2 in. (51 mm) diam (or smaller) SDR 7.3 or SDR 9 PEX tubing... E. Electrical Nonmetallic Tubing (ENT) - Nom 2 in. (51 mm) diam (or smaller) corrugated-wall electrical nonmetallic tubing (ENT) constructed of polyvinyl chloride (PVC) and installed in accordance with Article 331 of the National Electrical Code (NECA NFPA 70)... F. Flexible Nonmetallic Conduit, Liquid-Tight (FNMC)\* - Nom 2 in. (51 mm) diam (or smaller) corrugated-wall flexible nonmetallic conduit, liquid-tight (FNMC) constructed of polyvinyl chloride (PVC) and installed in accordance with Article 351 of the National Electrical Code (NFPA 70)...

- 3. Firestop System - The details of the firestop system shall be as follows: A. Packing Material\* - (Optional) - Nom 3/8 in. (10 mm) diam polyethylene backer rod or min 3/8 in. (10 mm) thickness of mineral wool batt insulation firmly packed into opening as a permanent form and recessed from both surfaces of floor or wall as required to accommodate the required thickness of fill material... B. Fill, Void or Cavity Material\* - Sealant - For nom 2 in. (51 mm) diam (or smaller) pipes, a min 2 in. (51 mm) thickness of fill material applied within the annulus, flush with top surface of floor or with both surfaces of wall... 3M COMPANY - FB-3000 WT \*Bearing the UL Classification Mark \*Bearing the UL Listing Mark

NON-METALLIC FLOOR PENETRATION UL C-AJ-2510

Design No. U415 June 25, 2013 Nonbearing Wall Ratings - 1, 2, 3 or 4 Hr System A - 1 Hr. System B - 2 Hr.



- 1. Floor, Side and Ceiling Runners - "J" - shaped runner, min 2-1/2 in. deep (min 4 in. deep when System C is used), with unequal legs of 1 in. and 2 in., fabricated from min 24 MSG (min 20 MSG when Item 4A, 4B or 7 are used) galv steel... 2. Steel Studs - "C"-H\* - shaped studs, min 2-1/2 in. deep (min 4 in. deep when System C is used), fabricated from min 25 MSG (min 20 MSG when Items 2D, 4A, 4B or 7 is used) galv steel... 2A. Steel Studs - (Not Shown) - "E" - shaped studs installed back to back in place of "C"-H\* - shaped studs (Item 2) "E" - shaped studs secured together with steel screws spaced a maximum 12 in. OC... 2B. Furring Channels - (Optional, not shown) - For use with single or double layer systems... 2C. Furring Channels - For use with System I - "H" - shaped, 25 MSG galv steel furring channels attached directly over the inner layers of wallboard to each stud with 2 in. long Type 5 pan head steel screws... 2D. Steel Framing Members\* - (Optional, not shown) - For use with single or double layer systems... a. Furring Channels - Formed of No. 25 MSG galv steel... b. Steel Framing Members\* - Used to attach furring channels (Item 2Da) to studs (Item 2 or 2A)...

- 3. Gypsum Board\* - Nom 1/2 in. thick, 24 in. or 600 mm (for metric spacing) wide. Panels cut 1 in. less in length than floor to ceiling height... 4. Gypsum Board\* - Gypsum panels, with beveled, square or tapered edges, nom 1/2 in. or 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally, attached to studs with 1 in. long Type S steel screws spaced 12 in. OC... CGC INC - Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, WRC, WRX UNITED STATES GYPSUM CO - Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, WRC, WRX, USGX USG MEXICO S A DE C V - Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, WRC, WRX

- 5. Steel Framing Members - (Optional, Not Shown)\* - Furring channels and resilient sound isolation clip as described below: a. Furring Channels - Formed of No. 25 MSG galv steel... b. Steel Framing Members\* - Resilient sound isolation clip used to attach furring channels (Item 2Ea) to studs... STUCCO BUILDING SYSTEMS - RESILIMOUNT Sound Isolation Clips - Type A237R

- 6. Furring Channels - (Optional, Not Shown)\* - Furring channels and resilient sound isolation clip as described below: a. Furring Channels - Formed of No. 25 MSG galv steel... b. Steel Framing Members\* - Resilient sound isolation clip used to attach furring channels (Item 2Ea) to studs... STUCCO BUILDING SYSTEMS - RESILIMOUNT Sound Isolation Clips - Type A237R

- 7. Steel Framing Members - (Optional, Not Shown)\* - Furring channels and resilient sound isolation clip as described below: a. Furring Channels - Formed of No. 25 MSG galv steel... b. Steel Framing Members\* - Resilient sound isolation clip used to attach furring channels (Item 2Ea) to studs... STUCCO BUILDING SYSTEMS - RESILIMOUNT Sound Isolation Clips - Type A237R

- 8. Steel Framing Members - (Optional, Not Shown)\* - Furring channels and resilient sound isolation clip as described below: a. Furring Channels - Formed of No. 25 MSG galv steel... b. Steel Framing Members\* - Resilient sound isolation clip used to attach furring channels (Item 2Ea) to studs... STUCCO BUILDING SYSTEMS - RESILIMOUNT Sound Isolation Clips - Type A237R

- 9. Steel Framing Members - (Optional, Not Shown)\* - Furring channels and resilient sound isolation clip as described below: a. Furring Channels - Formed of No. 25 MSG galv steel... b. Steel Framing Members\* - Resilient sound isolation clip used to attach furring channels (Item 2Ea) to studs... STUCCO BUILDING SYSTEMS - RESILIMOUNT Sound Isolation Clips - Type A237R

RATED SHAFT WALL UL D415-B

METALLIC FLOOR PENETRATION UL WL-1001

TCMC  
EMERGENCY  
DEPARTMENT

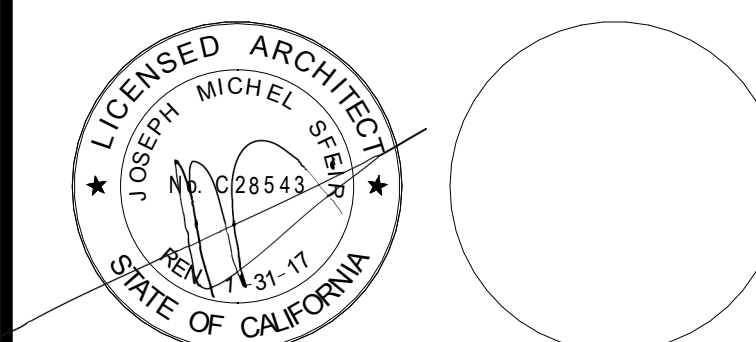
TRI-CITY MEDICAL  
CENTER  
4002 VISTA WAY  
OCEANSIDE, CALIFORNIA  
92056

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

ARCHITECT: SFEIR ARCHITECTS  
1350 COLUMBIA STREET, SUITE 603  
SAN DIEGO, CALIFORNIA 92101  
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  
9665 CHESAPEAKE DRIVE, SUITE 230  
SAN DIEGO, CALIFORNIA 92123  
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OSHPD COMMENTS	12/01/16
DESIGN CHANGES	12/01/16
OSHPD COMMENTS	02/15/17
DESIGN CHANGES	02/15/17
OSHPD COMMENTS	08/11/17

REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

TYPICAL RATED  
PARTITION ASSEMBLIES

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00  
DRAWN BY: Author  
CHECKED BY: Checker  
SCALE: As indicated  
DATE: 08/03/16

SHEET NUMBER:  
**A5-01**

GENERAL NOTES:

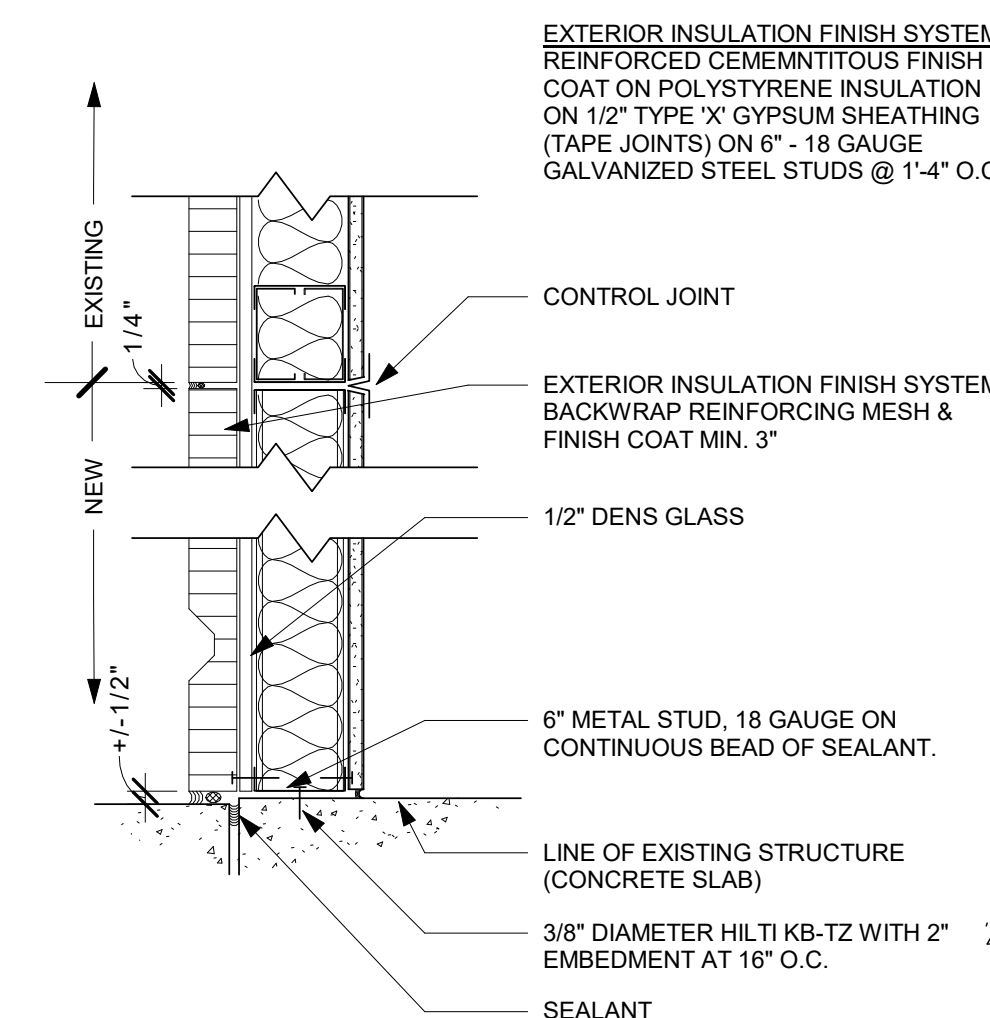
- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
- REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.

GENERAL NOTES FOR PARTITIONS:

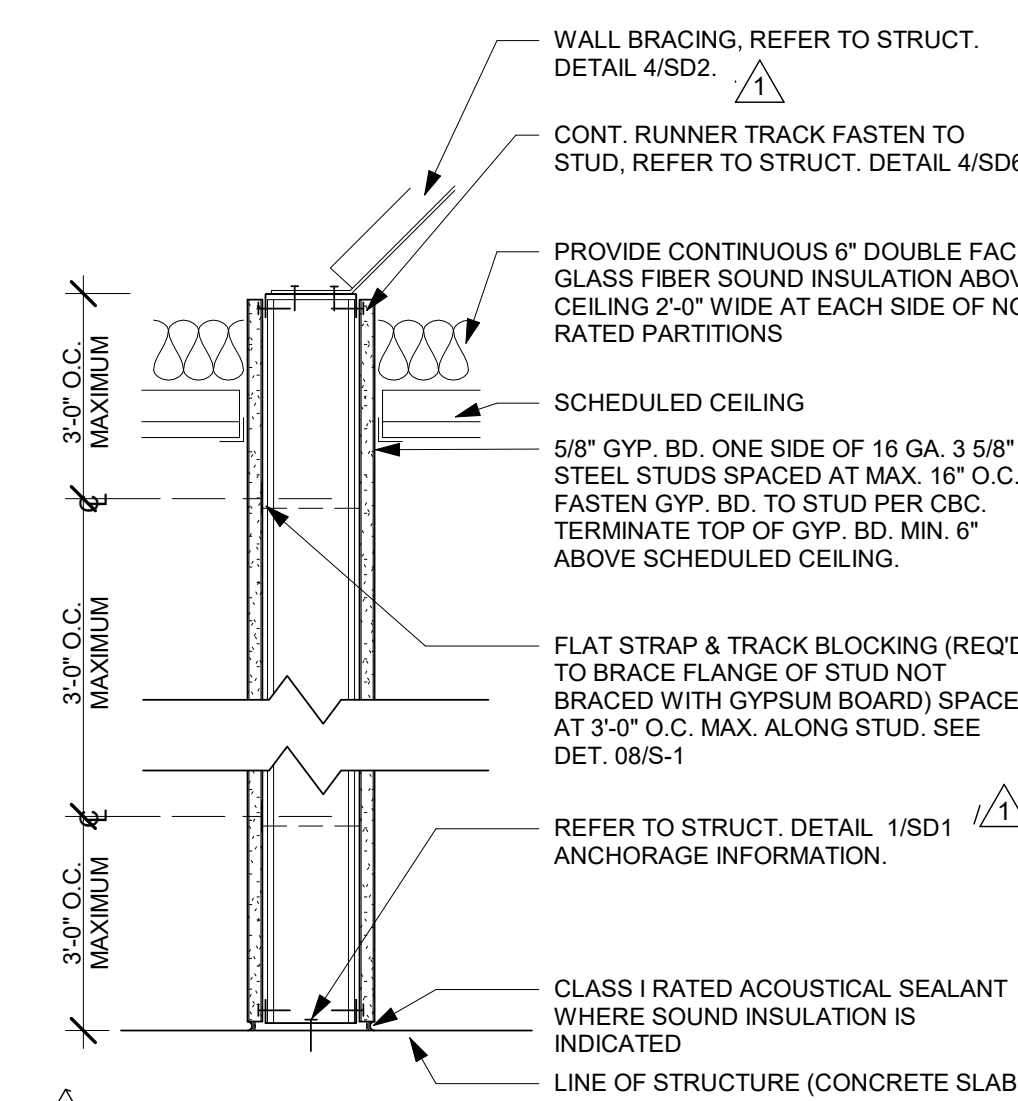
- ALL GYP. BOARD SHALL BE TYPE 'X'. REFER TO FLOOR PLAN FOR LOCATION OF WALL TYPES.
- REFER TO THE INTERIOR DESIGN SHEET AND RELATED DETAILS FOR FINISHES REQUIRED AND TO THE MANUFACTURER FOR SURFACE PREP. REQUIREMENTS.
- REFER TO THE FLOOR PLAN, INTERIOR ELEVATIONS, DETAILS, MECHANICAL, PLUMBING, AND 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 A5-00.
- 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 05 AND 09/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.
- COMPLY WITH THE FOLLOWING I.C.C. REPORTS:  
"CEMCO" I.C.C. #ER-3403P (STUDS AND TRACKS)  
"TIV RAMSET/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 REMARKS	
		16" O.C.	24" O.C.
3.5/8"-18 GA	362S200	16'-1"	14'-1"
6"-16 GA	600S200	24'-1"	21'-1"

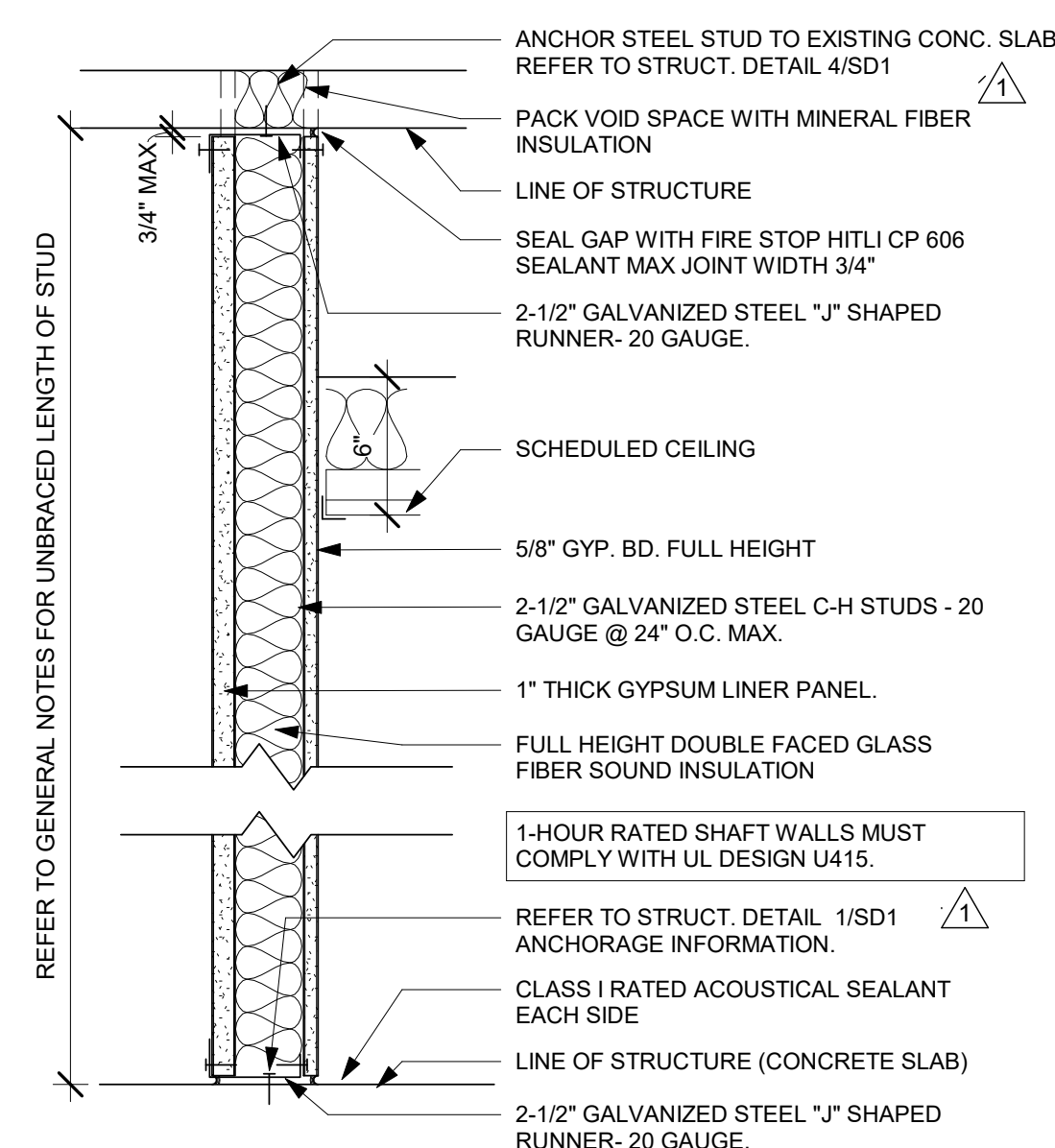
INTERIOR ONLY  
INTERIOR ONLY



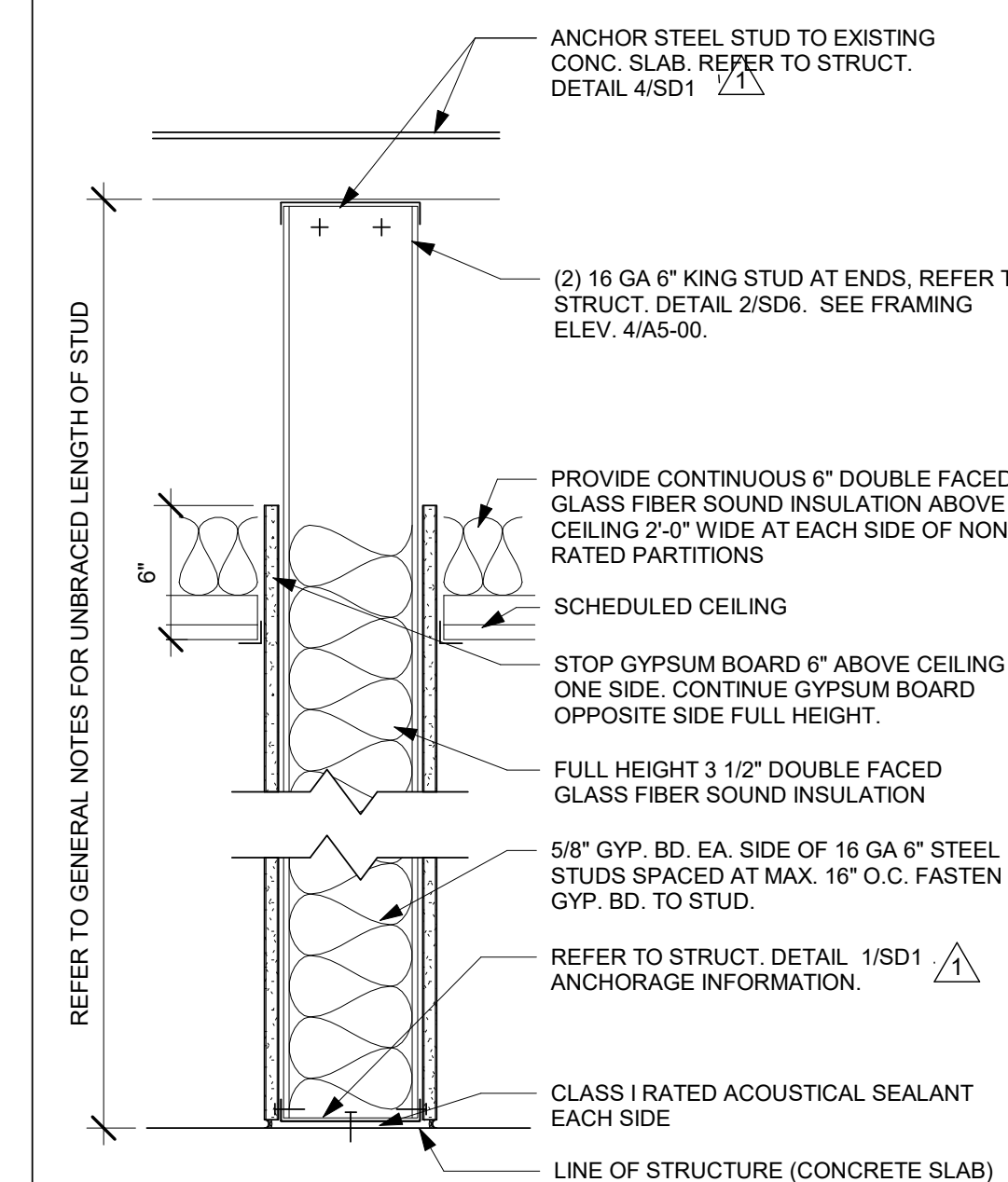
4 WALL TYPE "W1" - NOT RATED  
1 1/2" = 1'-0"



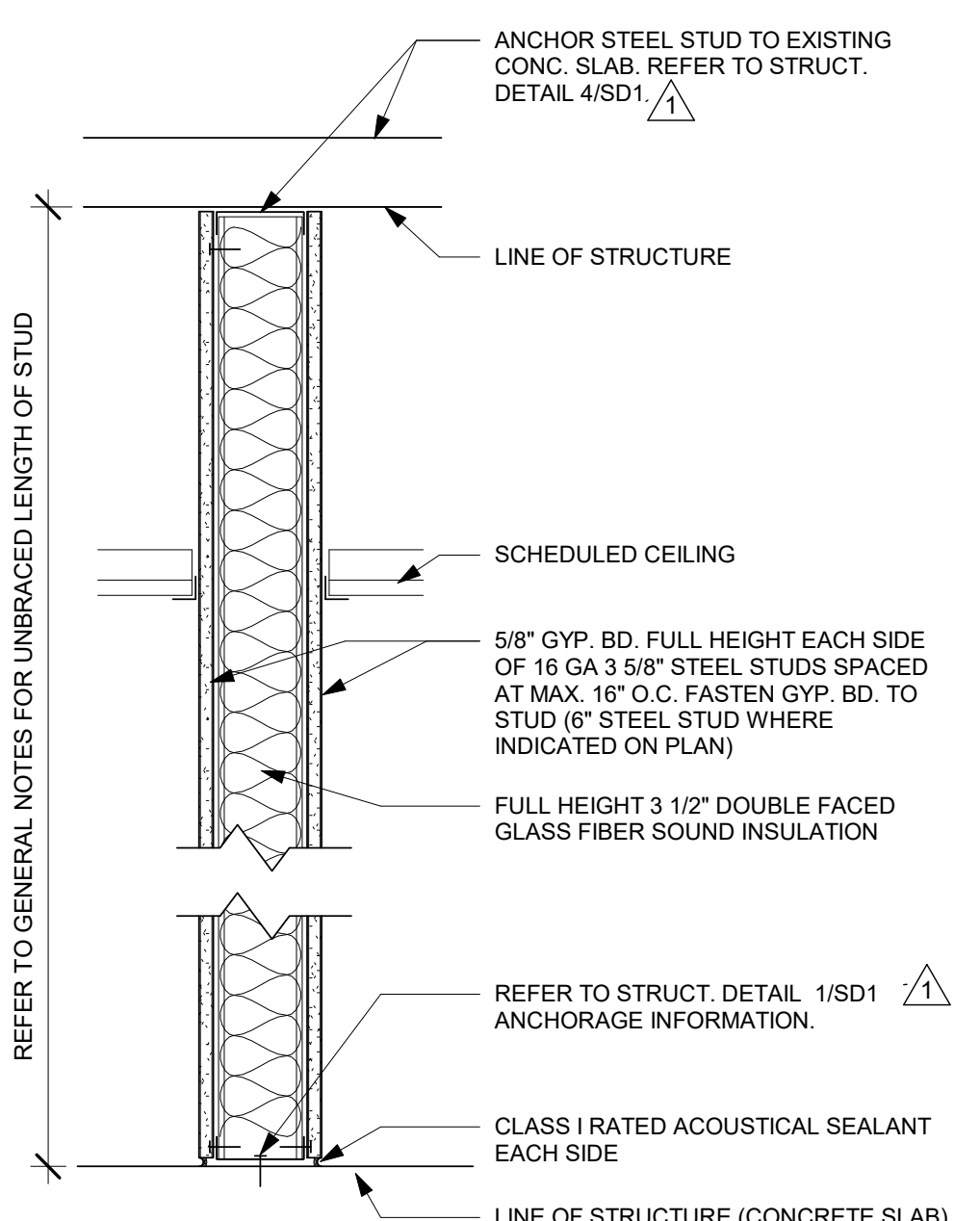
5 WALL TYPE "B1" - NOT RATED  
1 1/2" = 1'-0"



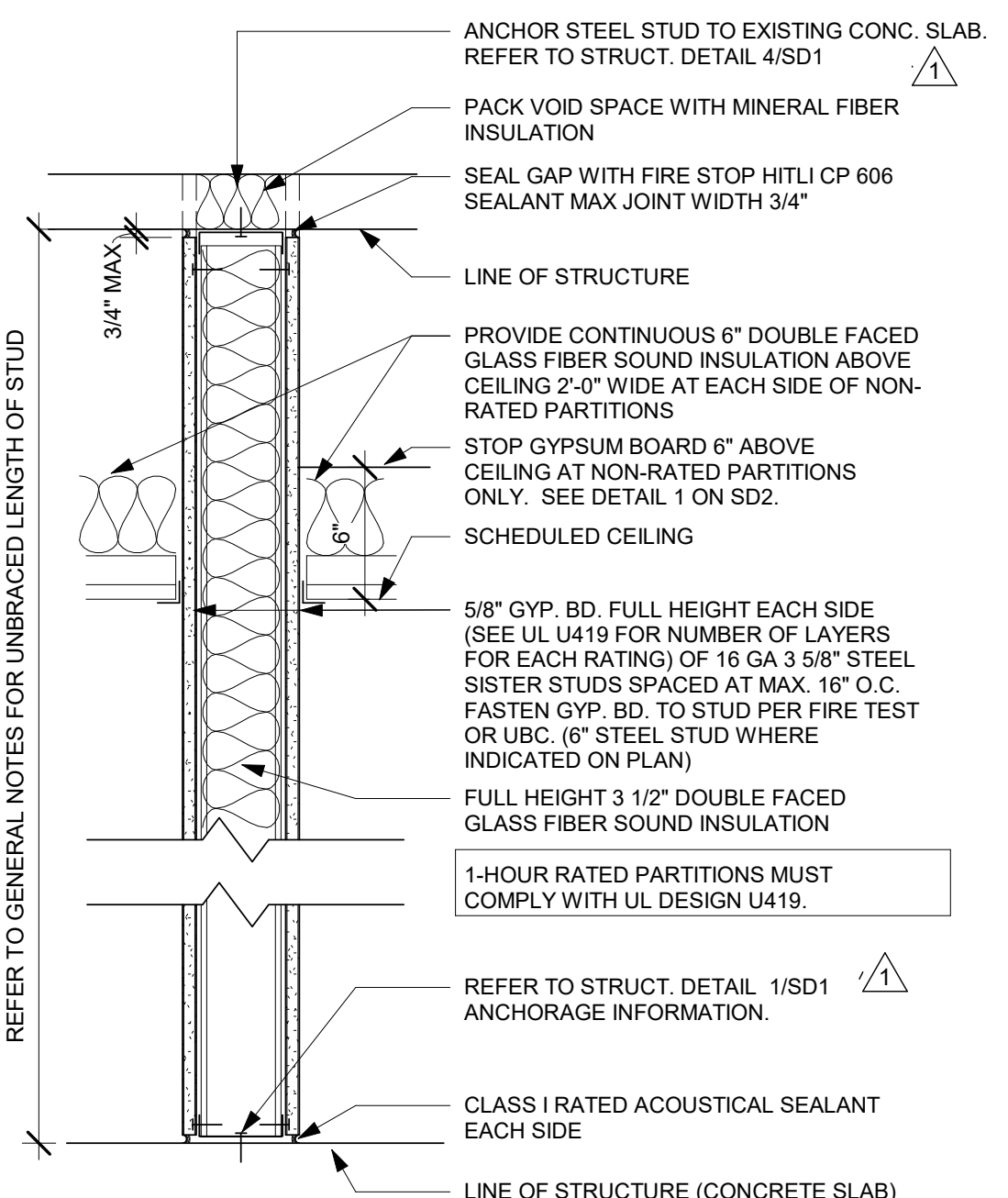
7 WALL TYPE "D" - 1 HOUR SHAFT WALL  
1 1/2" = 1'-0"



2 WALL TYPE "B" - NOT RATED  
1 1/2" = 1'-0"

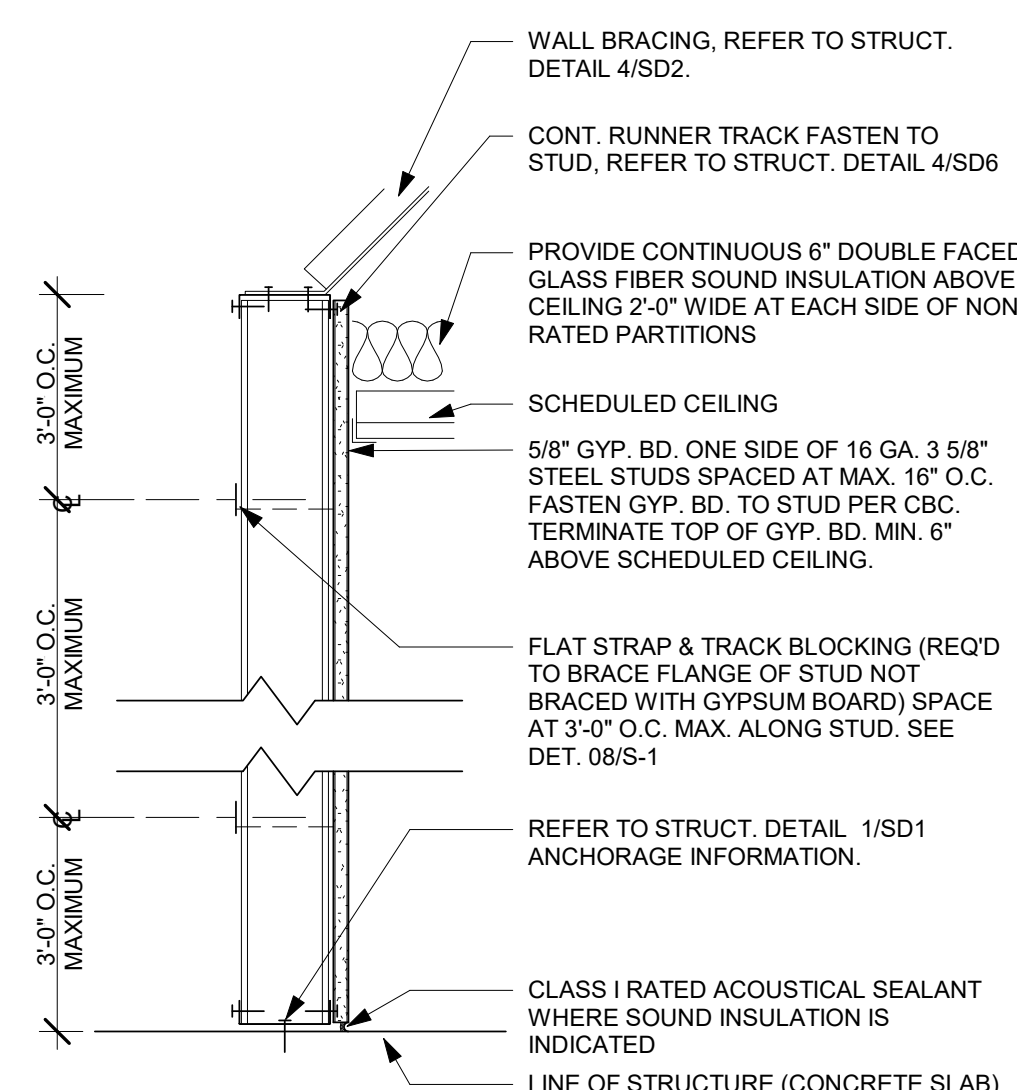


3 WALL TYPE "C" - NOT RATED  
1 1/2" = 1'-0"



6 WALL TYPES "A1", "A2" & "A3" - RATED  
1 1/2" = 1'-0"

NOTES: A2: USE 2-1/2" 16 GAUGE STEEL STUDS  
A3: USE 4" 16 GAUGE STEEL STUDS



8 WALL TYPE "E" - NOT RATED  
1 1/2" = 1'-0"

**TCMC  
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DEPARTMENT**

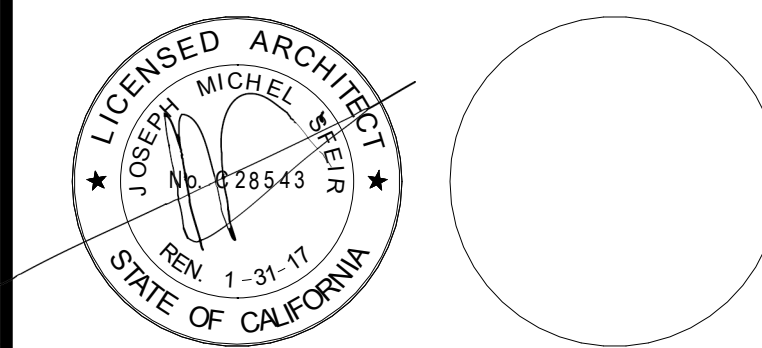
**TRI-CITY MEDICAL  
CENTER**  
4002 VISTA WAY  
OCEANSIDE, CALIFORNIA  
92056

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

ARCHITECT: SFEIR ARCHITECTS  
1350 COLUMBIA STREET, SUITE 603  
SAN DIEGO, CALIFORNIA 92101  
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  
9665 CHESAPEAKE DRIVE, SUITE 230  
SAN DIEGO, CALIFORNIA 92123  
TEL(619)618-2347 FAX(619)330-0668



△	OSHPD COMMENTS	12/01/16
△	DESIGN CHANGES	12/01/16
△	OSHPD COMMENTS	02/15/17
△	DESIGN CHANGES	02/15/17
△	OSHPD COMMENTS	08/11/17

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

SHEET TITLE:  
**1/4" PARTIAL DEMO  
ROOF PLAN**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00 SHEET NUMBER:  
DRAWN BY: AR  
CHECKED BY: JS  
SCALE: As indicated  
DATE: 08/03/16

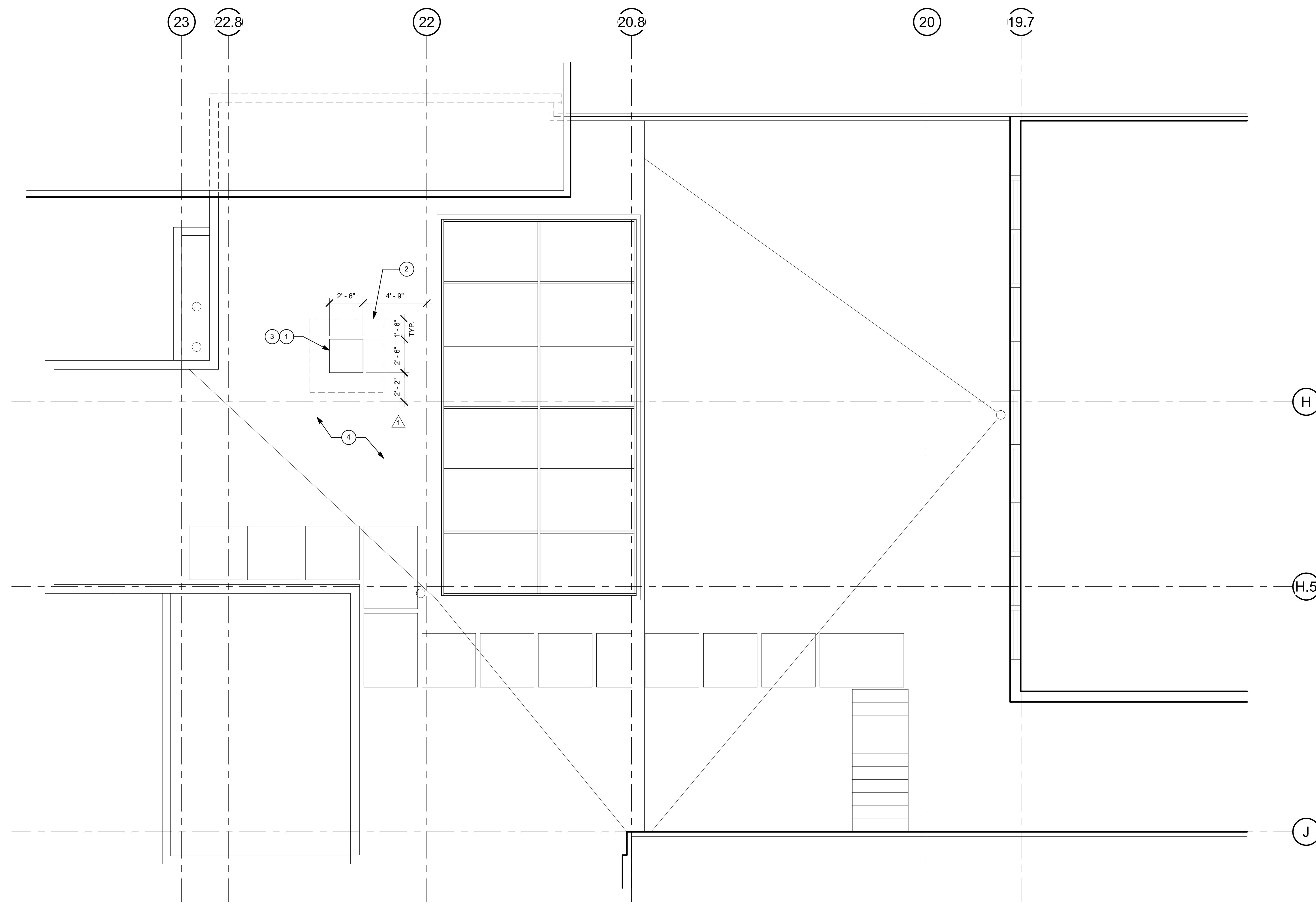
**A5-30**

**ROOF DEMOLITION KEYNOTES:**

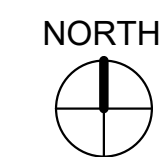
- ① REMOVE ROOF DECK, ROOFING, INSULATION AND AGGREGATE.
- ② REMOVE ROOFING, INSULATION AND AGGREGATE.
- ③ TEMPORARY COVER OPEN ROOF AGAINST WATER & WIND THROUGHOUT TO BE WATER TIGHT WHEN CONSTRUCTION IS NOT OCCURRING.
- ④ EXISTING BUILT-UP ROOF.

**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.



① DEMO ROOF PLAN  
1/4" = 1'-0"



**TCMC  
EMERGENCY  
DEPARTMENT**

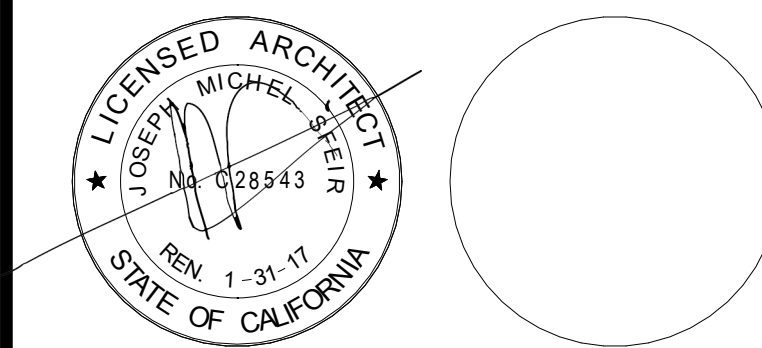
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4002 VISTA WAY  
OCEANSIDE, CALIFORNIA  
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OWNER: TRI-CITY MEDICAL CENTER  
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1	OSHPD COMMENTS	12/01/16
2	DESIGN CHANGES	12/01/16
3	OSHPD COMMENTS	02/15/17
4	DESIGN CHANGES	02/15/17
5	OSHPD COMMENTS	08/11/17

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

SHEET TITLE:  
**1/4" PARTIAL ROOF PLAN**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00 SHEET NUMBER:  
DRAWN BY: AR  
CHECKED BY: JS  
SCALE: As indicated  
DATE: 08/03/16

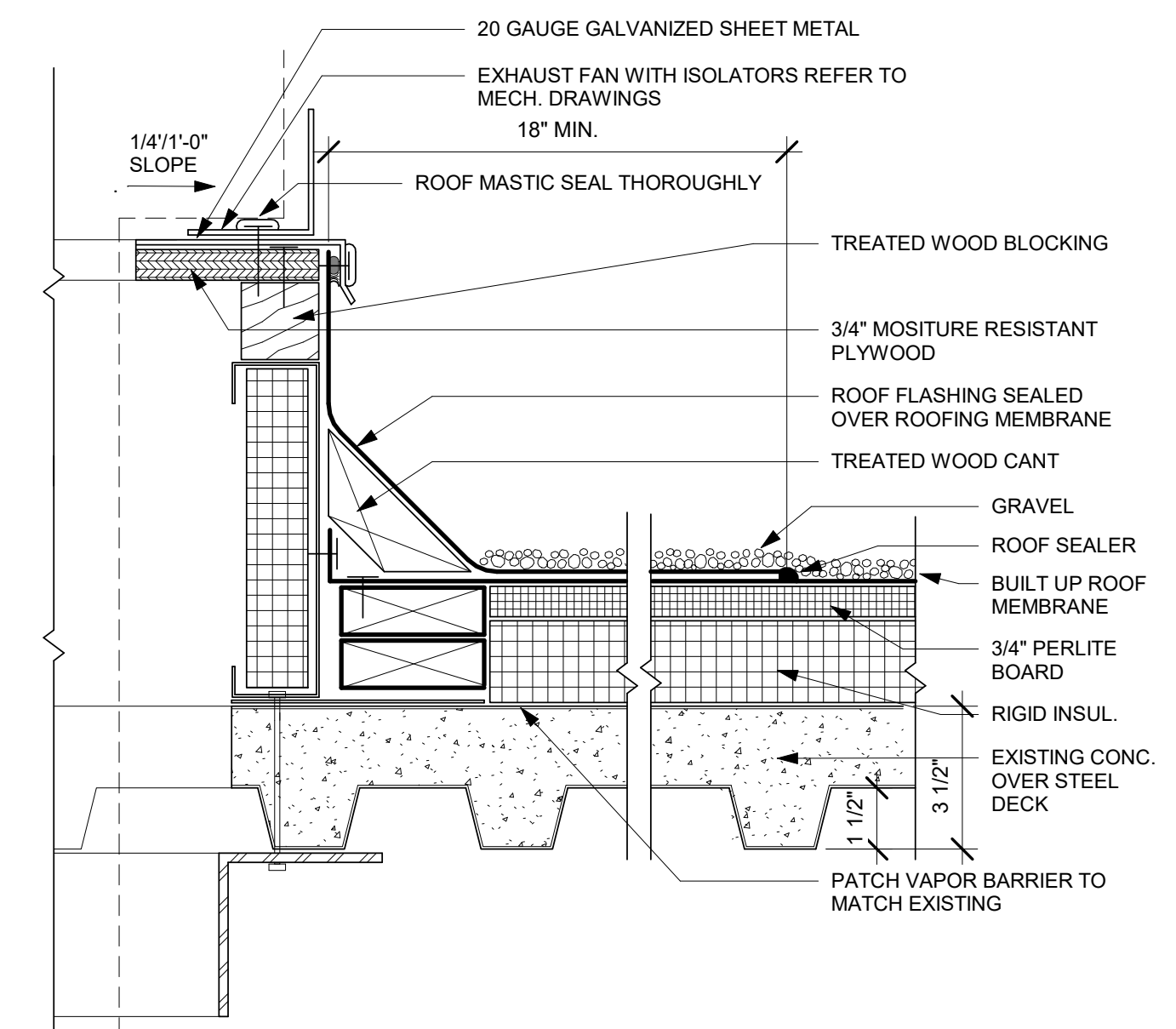
**A5-31**

**GENERAL NOTES:**

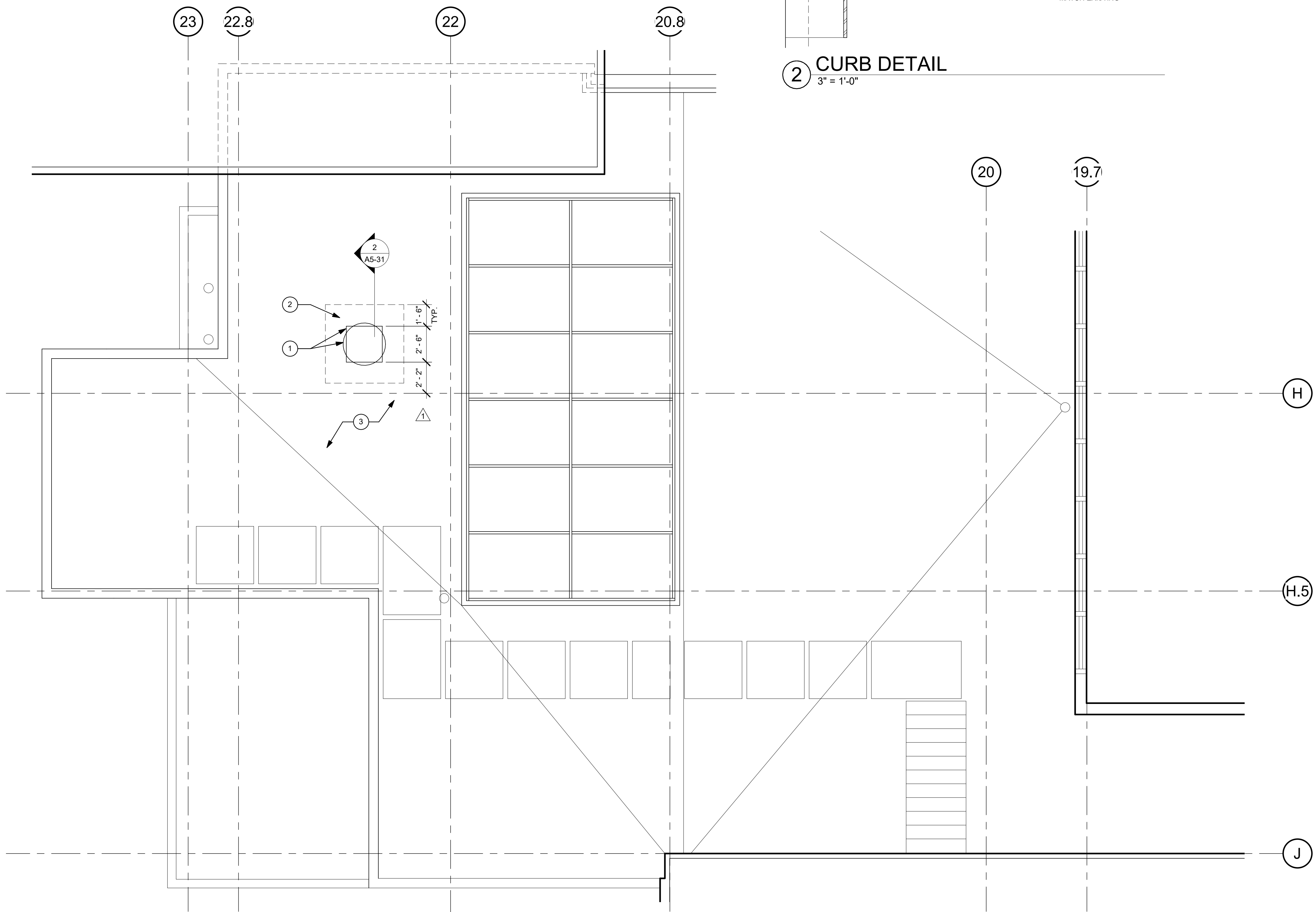
1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
2. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.

**ROOF PLAN KEYNOTES:**

- 1 NEW EXHAUST FAN AND PRE-MANUFACTURED CURB.
- 2 NEW BUILT UP WATERPROOF ROOFING MEMBRANE.
- 3 EXISTING BUILT-UP ROOF.



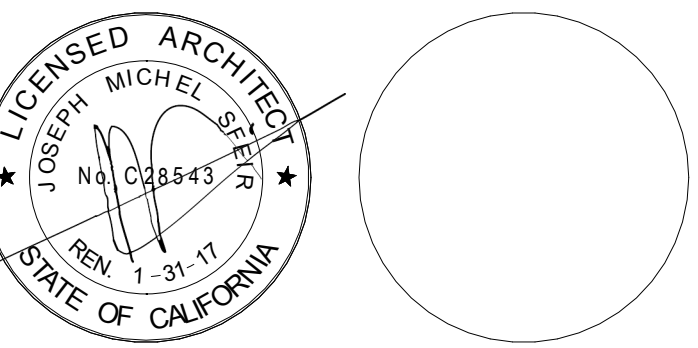
**2 CURB DETAIL**  
3" = 1'-0"



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







REV	DESCRIPTION	DATE
1	OSHPD COMMENTS	12/01/16
2	DESIGN CHANGES	12/01/16
3	OSHPD COMMENTS	02/15/17
4	DESIGN CHANGES	02/15/17
5	OSHPD COMMENTS	09/11/17

REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:

OSHPD #: S162093-37-00

SHEET TITLE:

PROJECT TITLE:

TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00 SHEET NUMBER:

DRAWN BY: ASM

CHECKED BY: LA

SCALE: As indicated

DATE: 08/03/16

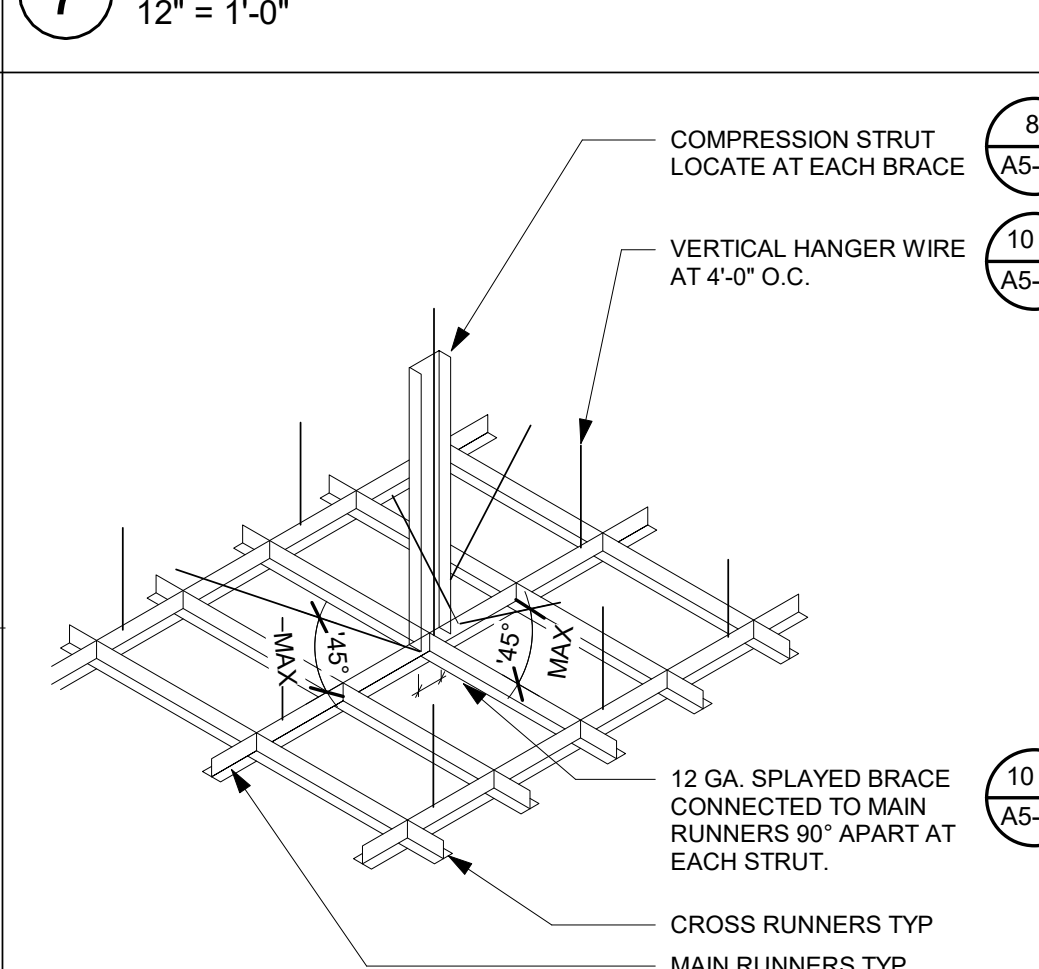
LAY IN CEILING DETAILS

A5-70

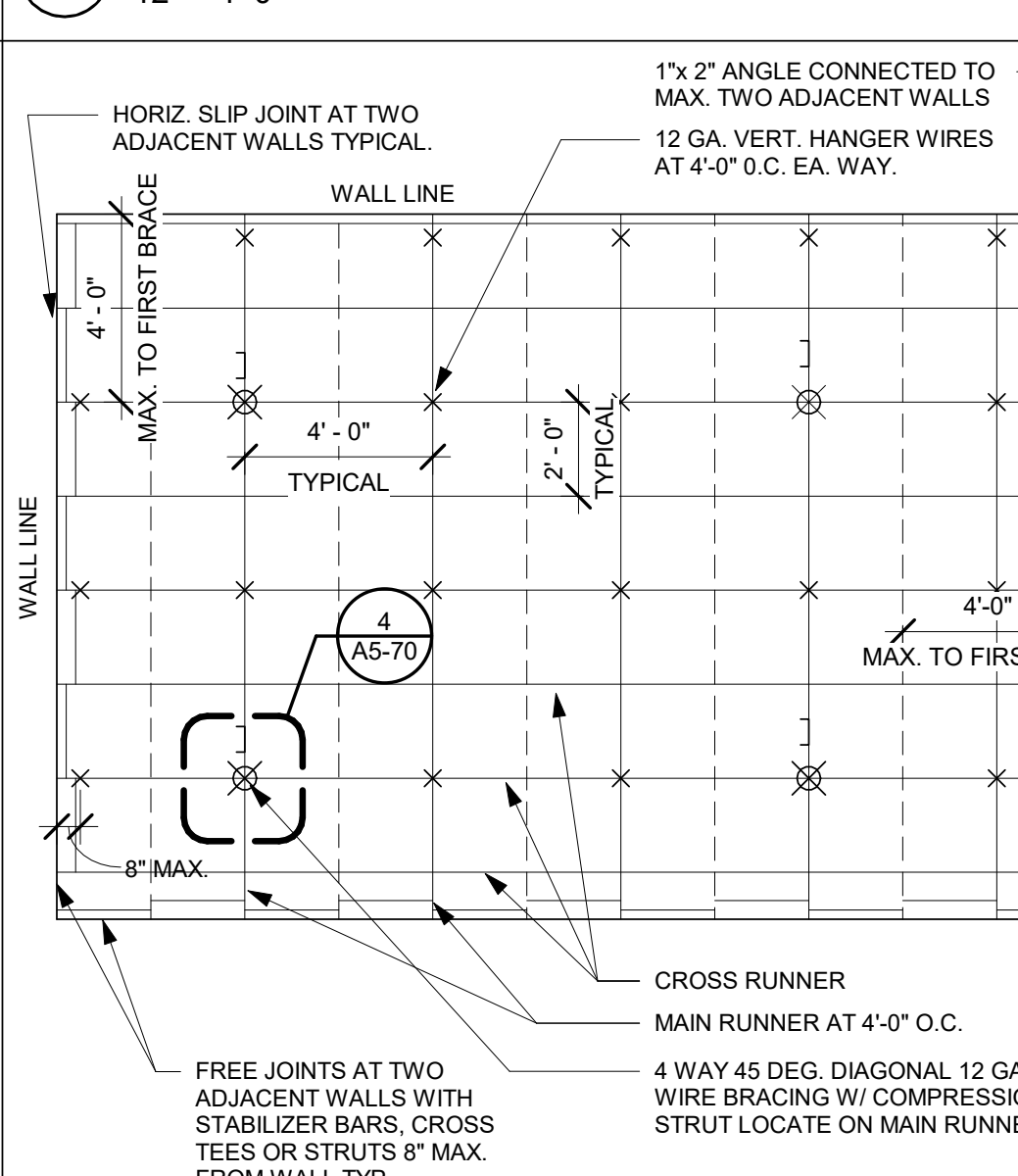
GENERAL NOTES LAY-IN  
CEILING:

- CONSTRUCTION, WORKMANSHIP AND MATERIAL SHALL CONFORM TO THE 2013 CALIFORNIA BUILDING STANDARDS CODE (CBCS 2013).
- 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, 2013 (CBCS 2013). SHOULD ANY CONDITION DEVELOP NOT COVERED BY THE APPROVED CONSTRUCTION DOCUMENTS WHEREIN THE WORK WILL NOT COMPLY WITH CBCS 2013, 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 A553-11 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 C80.3/UL 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 B18.8.4-98 (R2005) 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 2013 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 2013 CBC SECTIONS 1705A.3 & 1913A.7. FOR QUALIFICATION, DESIGN AND USE OF POST-INSTALLED ANCHORS IN CONCRETE SEE THE 2013 CBC SECTIONS 1816A, 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 ACTO-ACCEPTANCE CRITERIA FOR FASTENERS POWER-DRIVEN INTO CONCRETE, STEEL AND MASONRY ELEMENTS AND THE 2013 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 USE.
  - 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: 2013 CALIFORNIA BUILDING CODE (2013 CBC), ASCE 7-10, AISI S100-07/S2-10, ASTM E580-11b, C635-12, AND C836-08. FOR LOAD COMBINATIONS, ALLOWABLE STRESS DESIGN SHALL BE IN ACCORDANCE WITH 2013 CBC SECTION 1605A.3.1.
  - FASTENER CAPACITIES 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. EVALUATION OF THE CAPACITY OF THESE SUPPORTING BUILDING ELEMENTS IS BEYOND THE SCOPE OF THE OPD.
  - DESIGN IS LIMITED TO CEILING ASSEMBLIES HAVING MAXIMUM DEAD WEIGHT OF 4 PSF INCLUDING LIGHTING FIXTURES (LUMINAIRES) 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.
- 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:
  - FOUR (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 C635 AND E580 SECTION 5.1:
  - THE CEILING GRID SYSTEM SHALL BE RATED HEAVY DUTY AS DEFINED BY ASTM C635.
  - 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.
  - 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 580 SECTION 5.1.2.
- SUSPENSION SYSTEM INSTALLATION, SHALL COMPLY WITH ASTM C636 AND E580 SECTION 5.2:
  - 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.
  - 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.
  - 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.
  - 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 METAL STRUT OR A #4 GAL 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.
- EXPANSION JOINTS, SEISMIC SEPARATIONS, AND PENETRATIONS:
  - TYPICAL 2X4 LAY-IN ACOUSTIC TILE CEILING SHOWN SOLID, 2X2 SHOWN DASHED.
  - BRACING WIRES AND COMP. STRUT SHALL OCCUR AT EVERY 64 SQ. FT. MAX. (8'-0" X 8'-0" MAX.) IN ROOMS OVER 64 SQ. FT.
  - MAX. BRACING WIRES AND COMP. STRUT SHALL OCCUR AT EVERY 96 SQ. FT. MAX. (8'-0" X 12'-0") IN ROOMS OVER 96 SQ. FT.
  - MAX. BRACING WIRES AND COMP. STRUT SHALL OCCUR AT EVERY 144 SQ. FT. MAX. (12'-0" X 12'-0") IN ROOMS OVER 144 SQ. FT.

SWAY BRACE CONNECTION  
- LAY IN CEILING



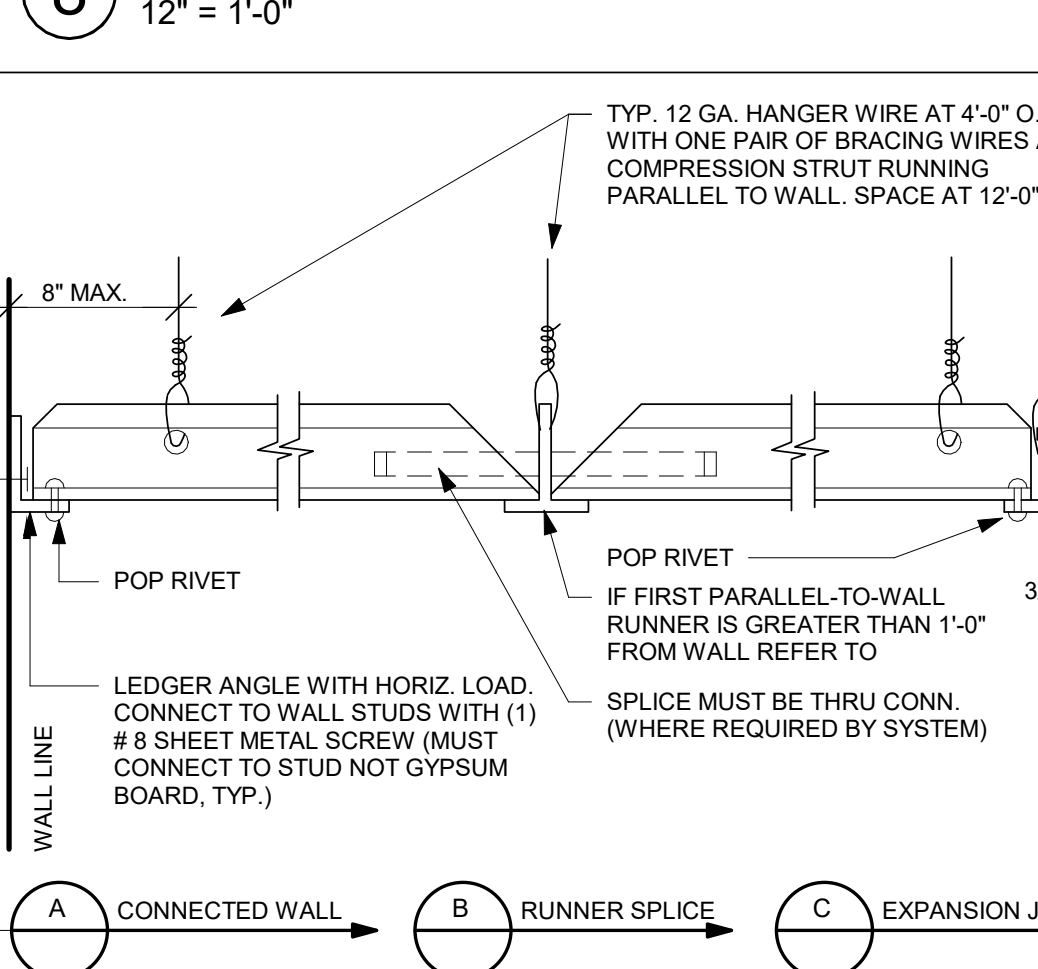
CEILING GRID ATTACHMENT  
- LAY IN PANEL CEILING



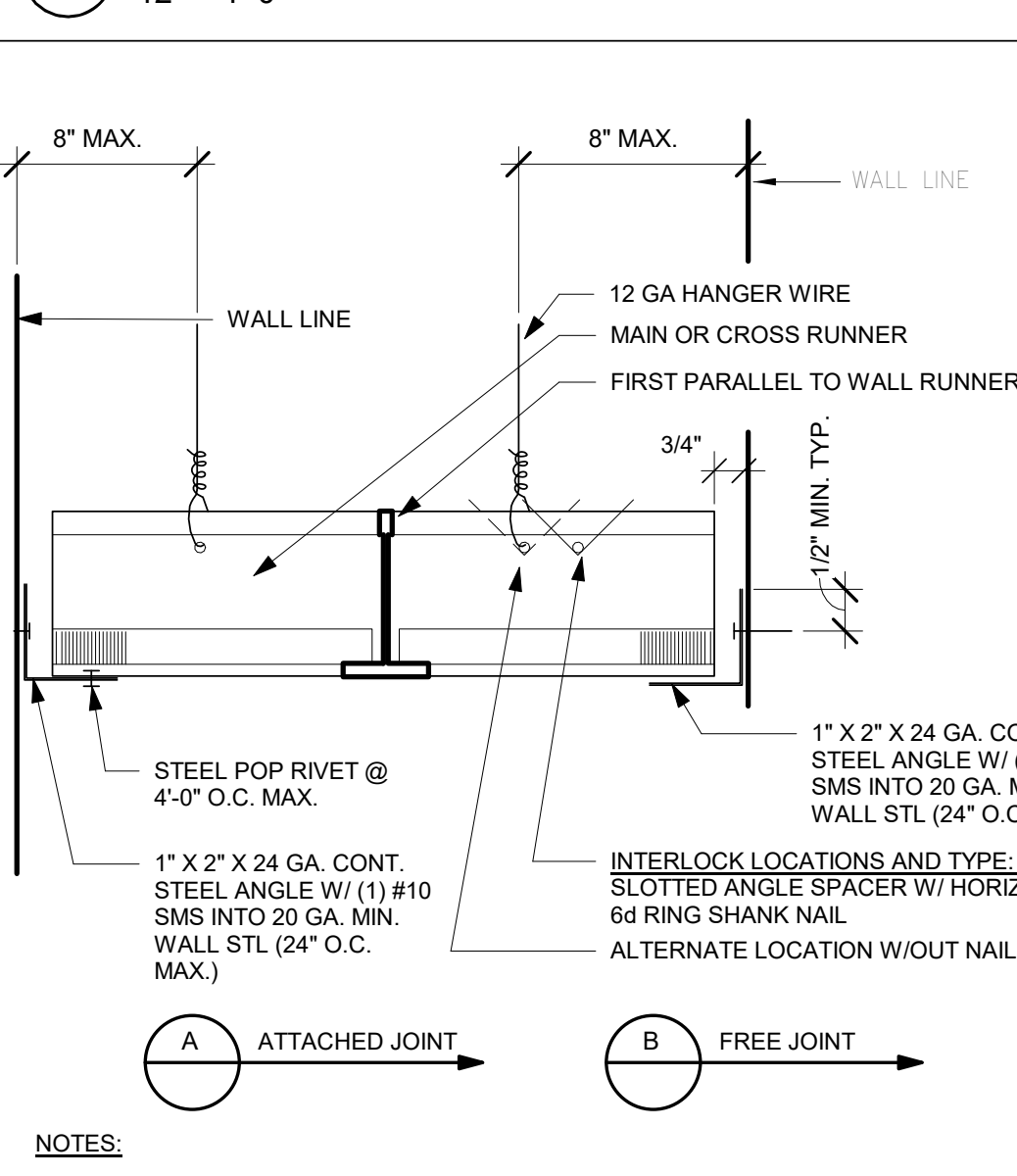
DIAGRAMMATIC CEILING  
PLAN-LAY IN CEILING



VERTICAL COMPRESSION  
STRUT



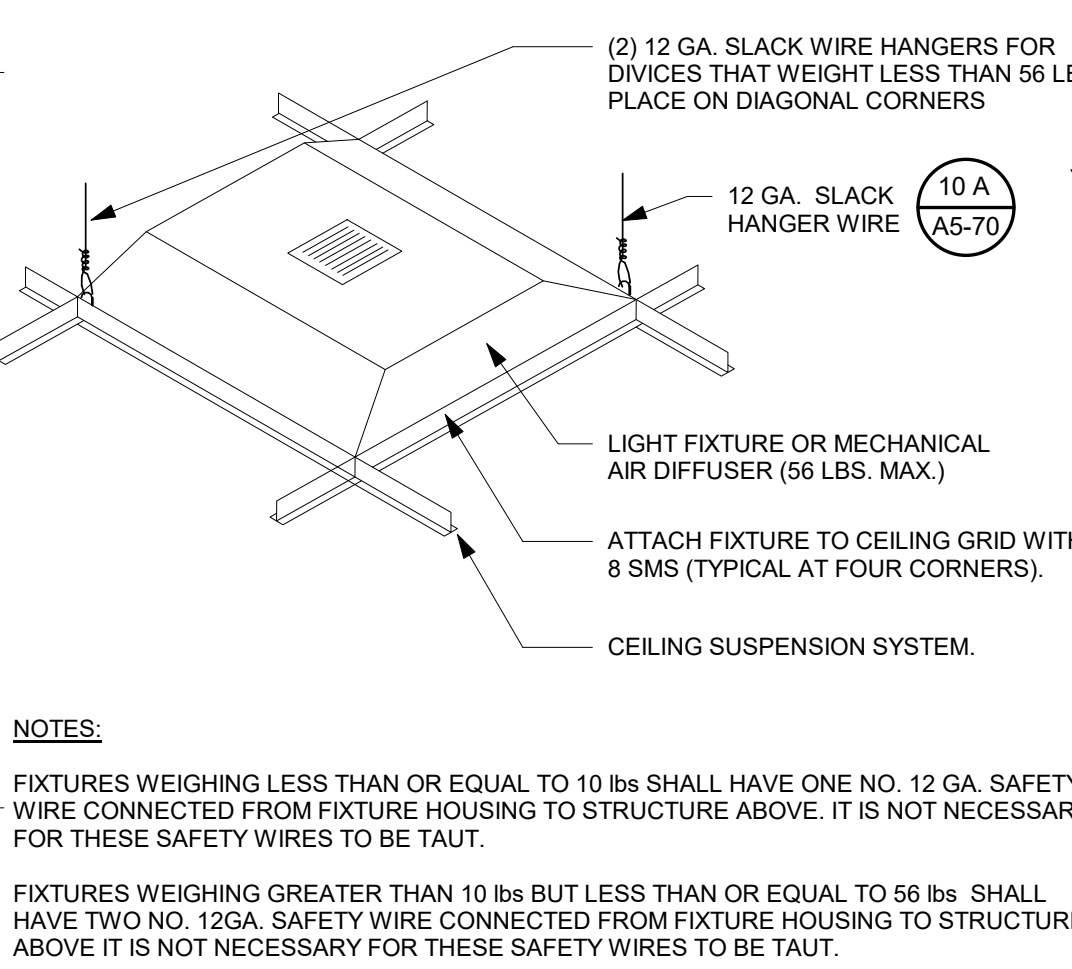
SECT. ACROSS COORIDOR  
AT EXP. JT.



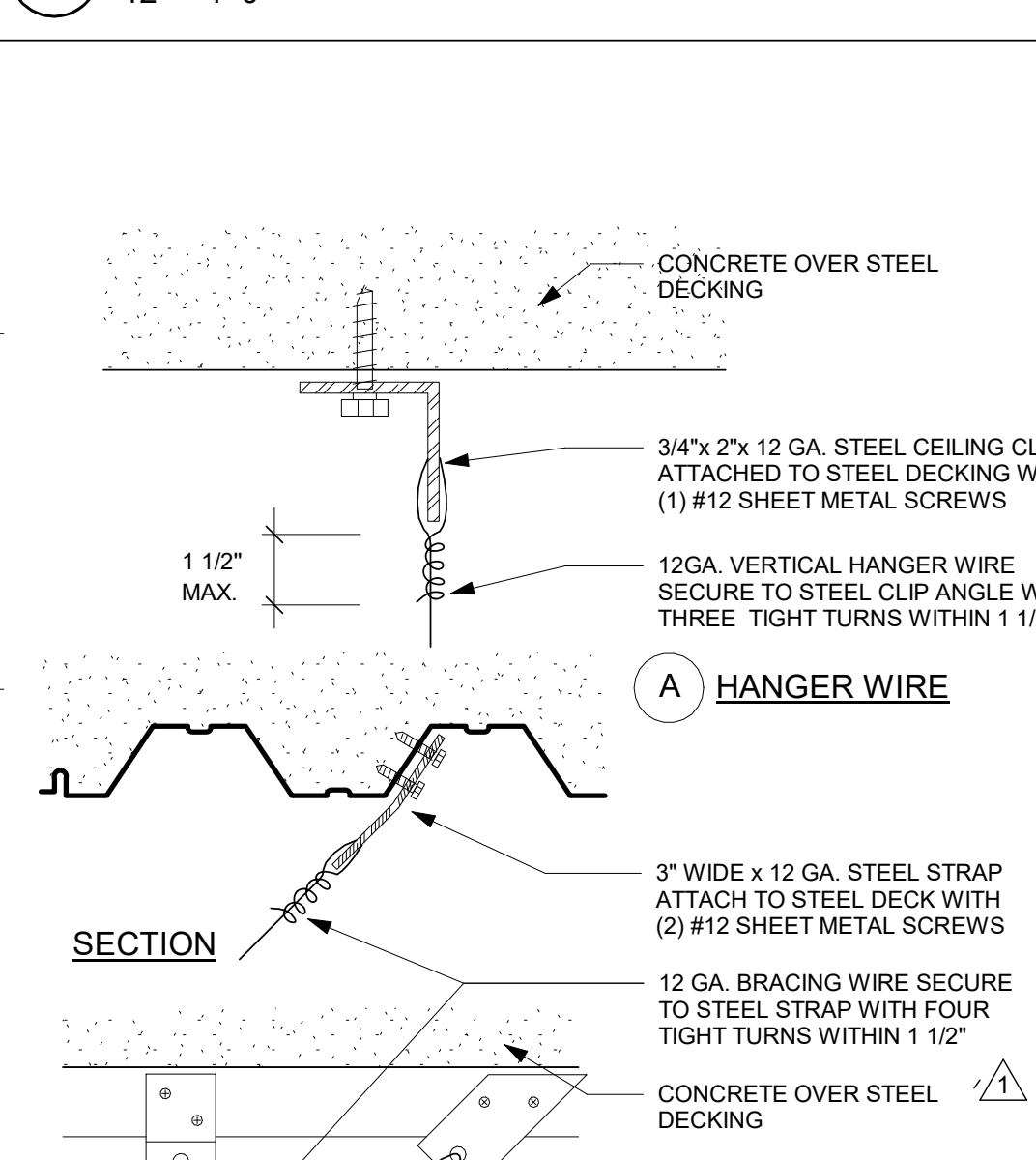
HORIZONTAL SLIP JOINT



CURTAIN TRACK AT CEILING  
GRID



FIXTURE SUSPENSION



SUSPENSION WIRE  
CONNECTION @ METAL  
DECK



100% CONSTRUCTION DOCUMENTS

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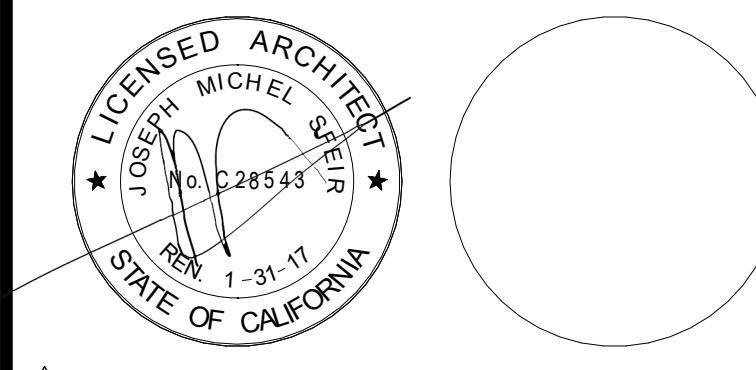
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NO.	DESCRIPTION	DATE
1	OSHPD COMMENTS	12/01/16
2	DESIGN CHANGES	12/01/16
3	OSHPD COMMENTS	02/15/17
4	DESIGN CHANGES	02/15/17
5	OSHPD COMMENTS	08/11/17

REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD # S162093-37-00

SHEET TITLE:  
DETAILS

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00  
DRAWN BY: [Blank]  
CHECKED BY: Checker  
SCALE: As indicated  
DATE: 08/03/16

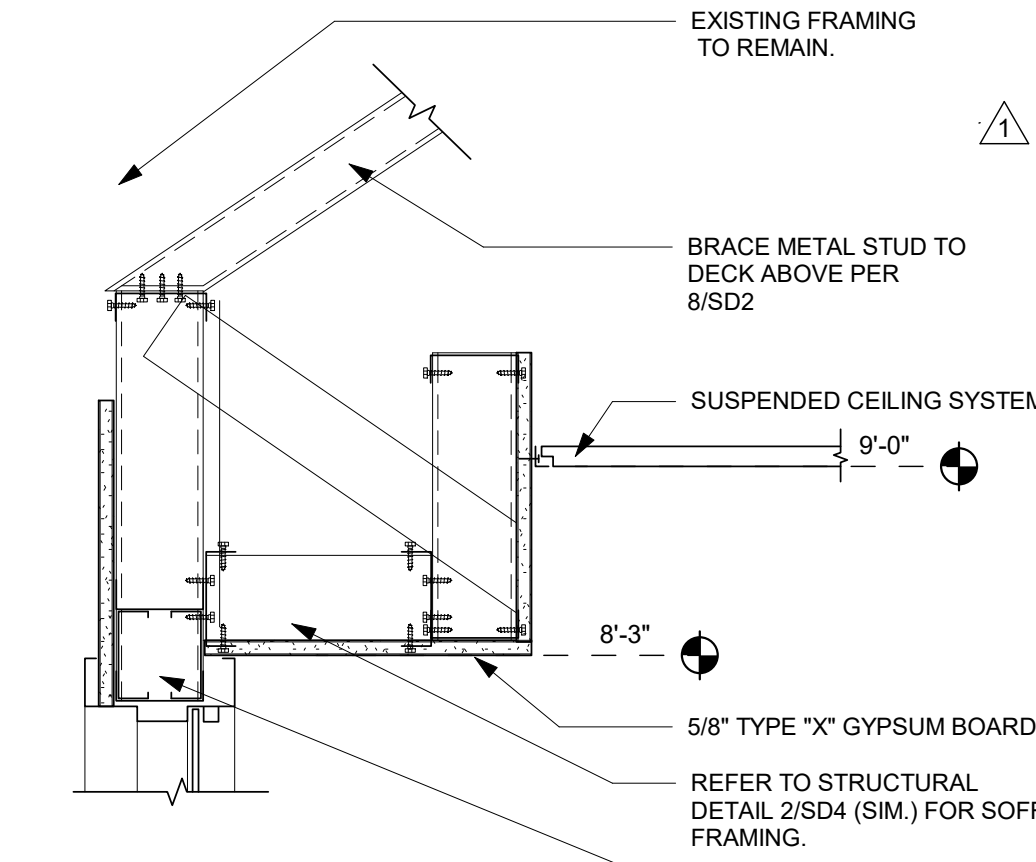
SHEET NUMBER:  
**A5-80**

GENERAL NOTES:

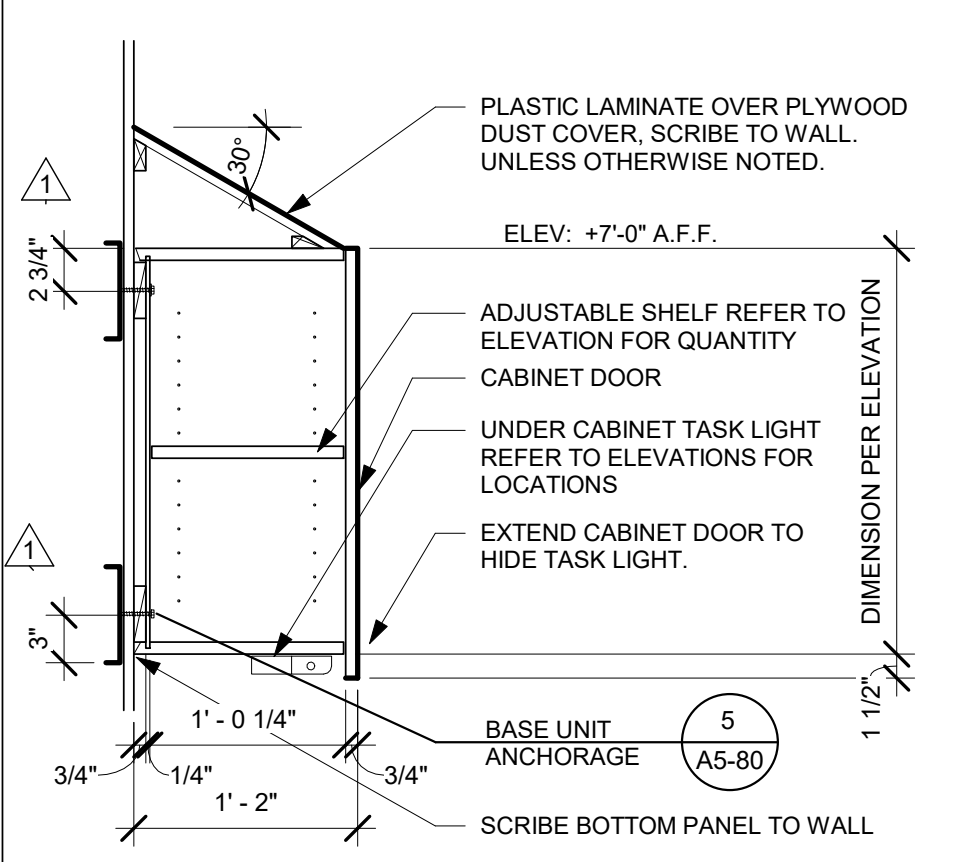
- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
- REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.

MILLWORK GENERAL NOTES:

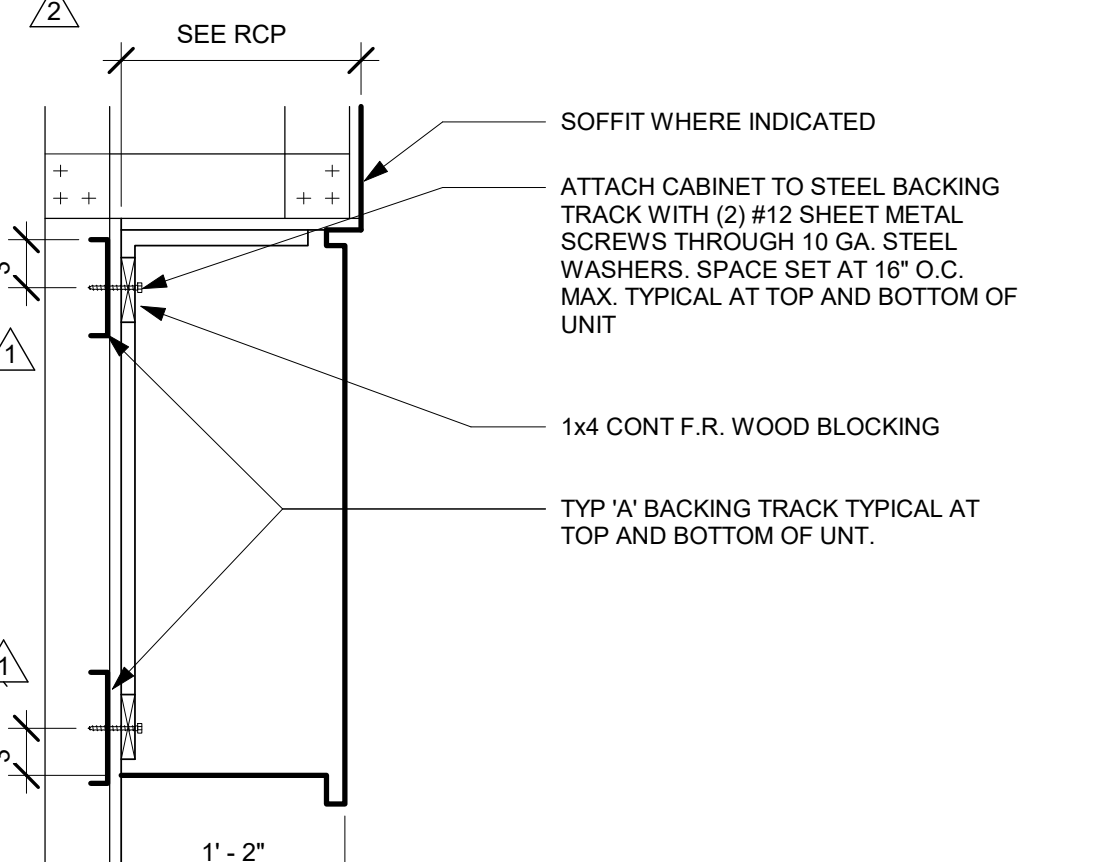
- ALL CASEWORK SHALL BE "CUSTOM" GRADE AS DEFINED BY THE WOODWORK INSTITUTE OF CALIFORNIA.
- FINISH ALL EXPOSED AND SEMI-EXPOSED SURFACES OF CASEWORK INCLUDING THE INTERIOR OF OPEN CASEWORK AND SHELVING WITH PLASTIC LAMINATE. ALL COUNTERTOPS SHALL SOLID SURFACE.
- BASES ON CASEWORK SHALL BE 6" UNLESS 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 W/O OWNER FOR ALL EQUIPMENT CLEARANCES PRIOR TO PREPARING SHOP DRAWINGS AND FABRICATION.



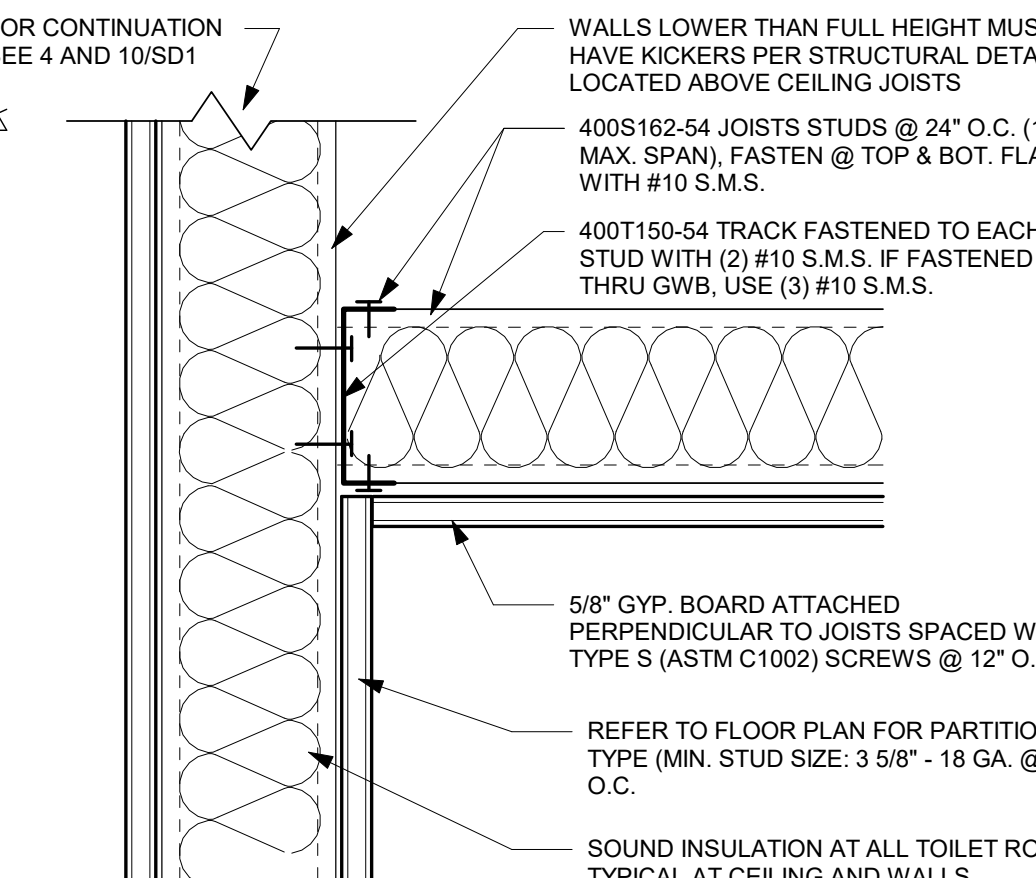
12 SOFFIT AT WALL  
1 1/2" = 1'-0"



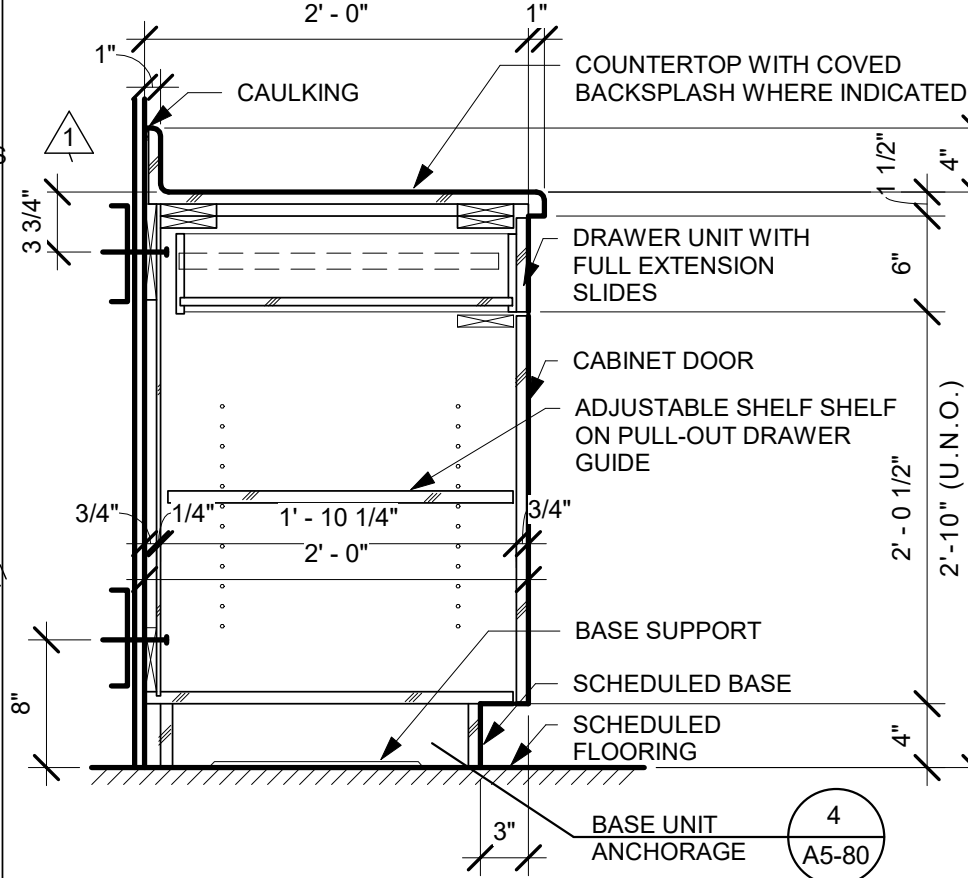
9 TYP. UPPER CABINET - CLOSE  
1" = 1'-0"



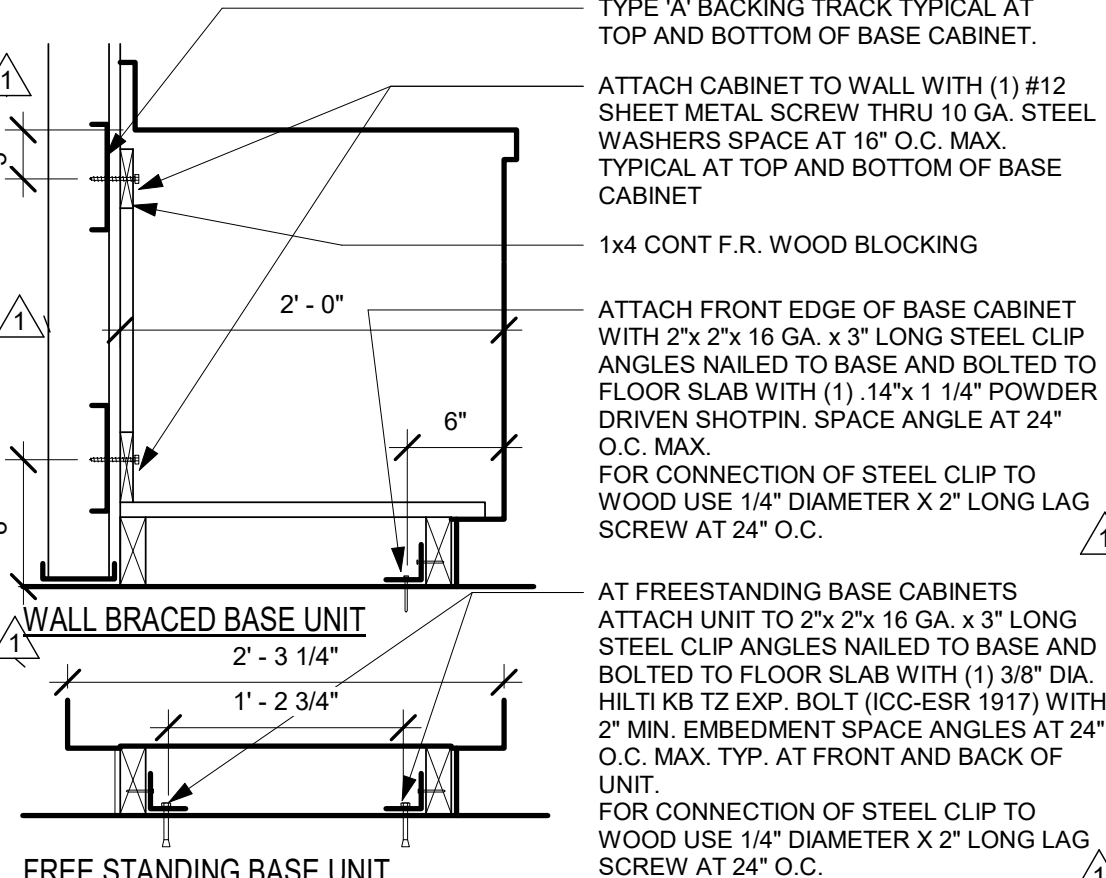
5 UPPER CABINET ANCHORAGE  
1" = 1'-0"



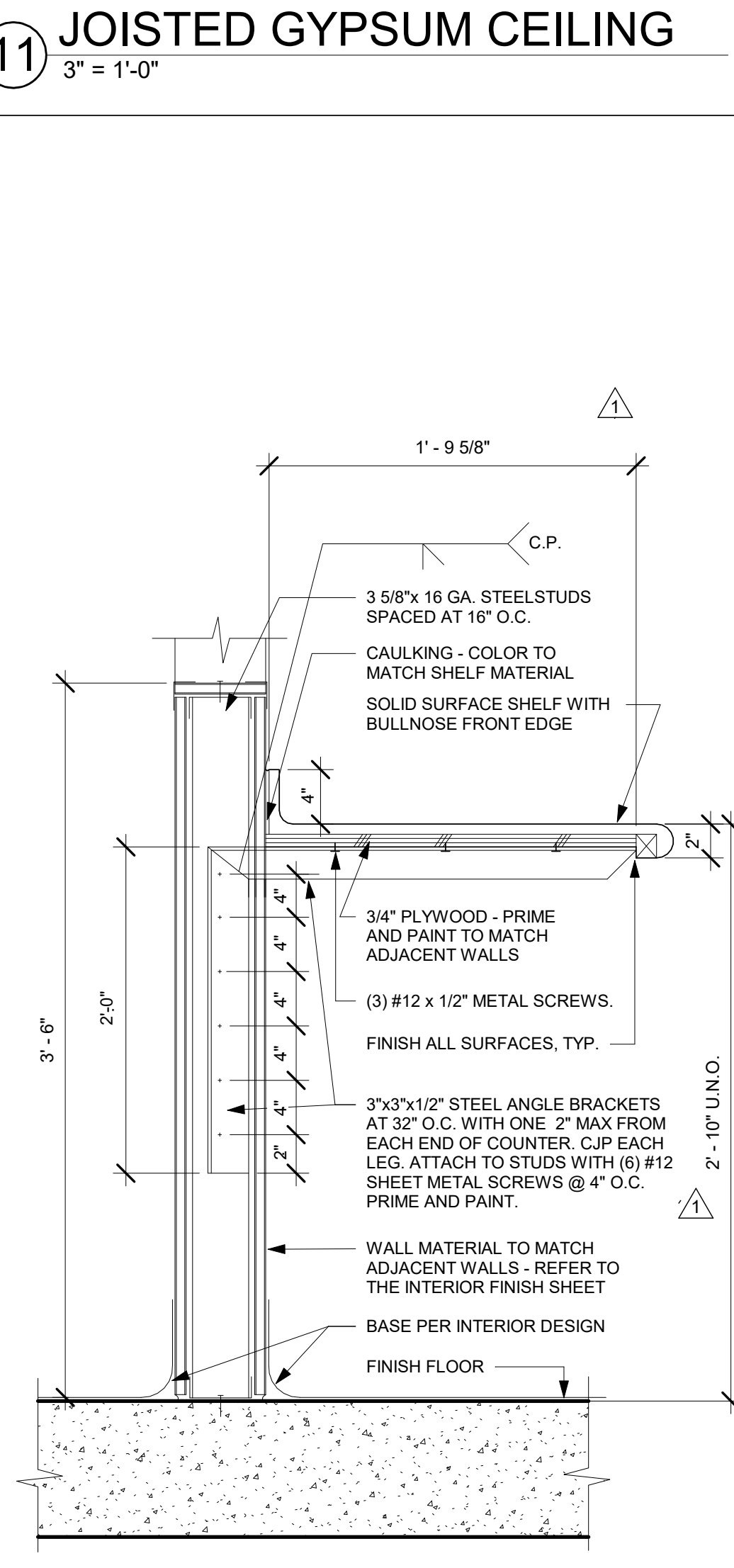
11 JOISTED GYPSUM CEILING  
3" = 1'-0"



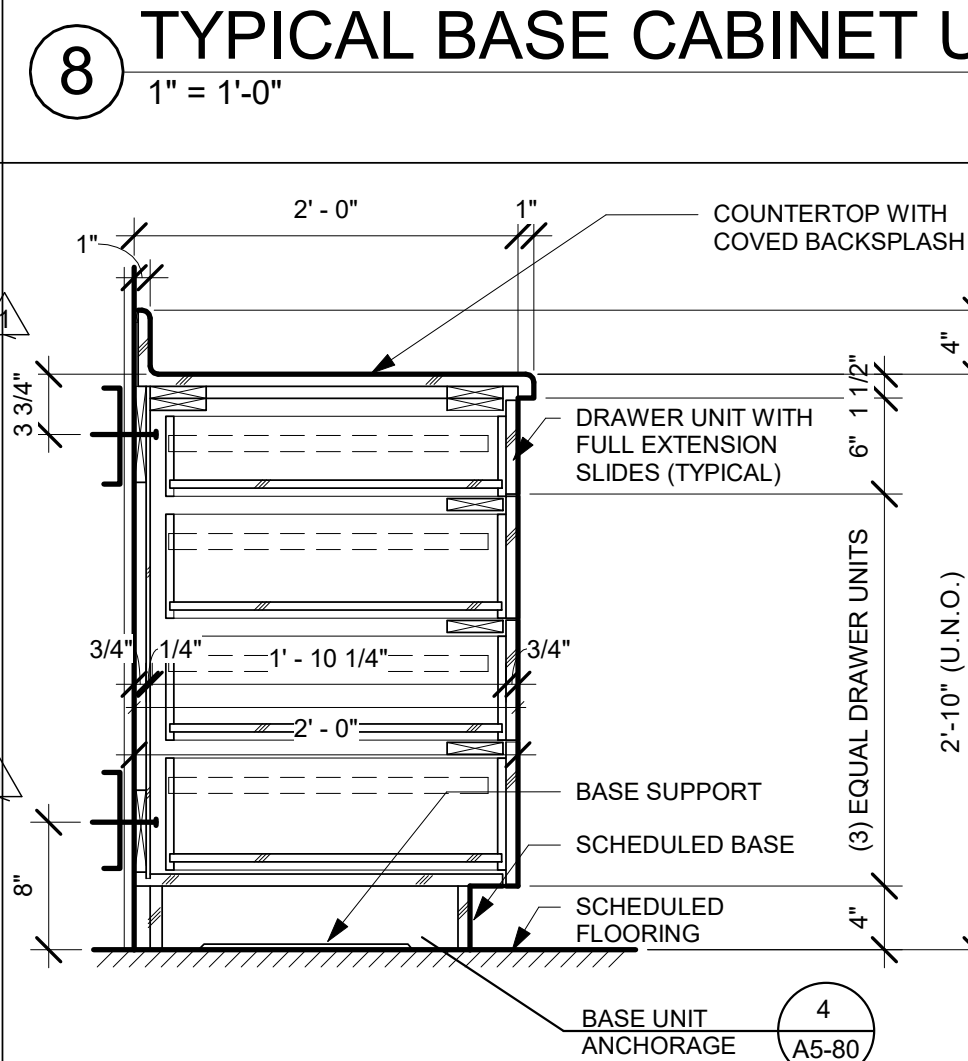
8 TYPICAL BASE CABINET UNIT  
1" = 1'-0"



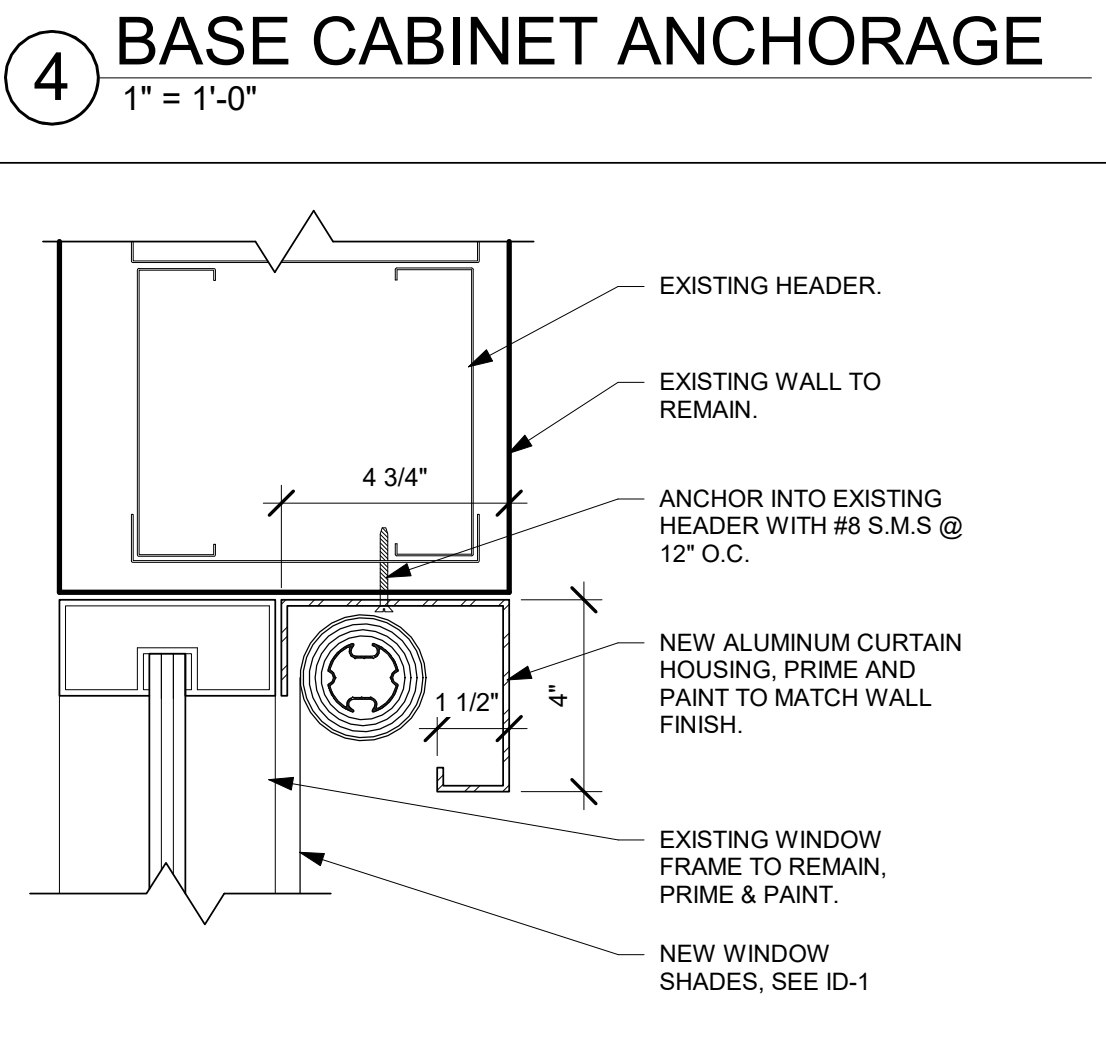
4 BASE CABINET ANCHORAGE  
1" = 1'-0"



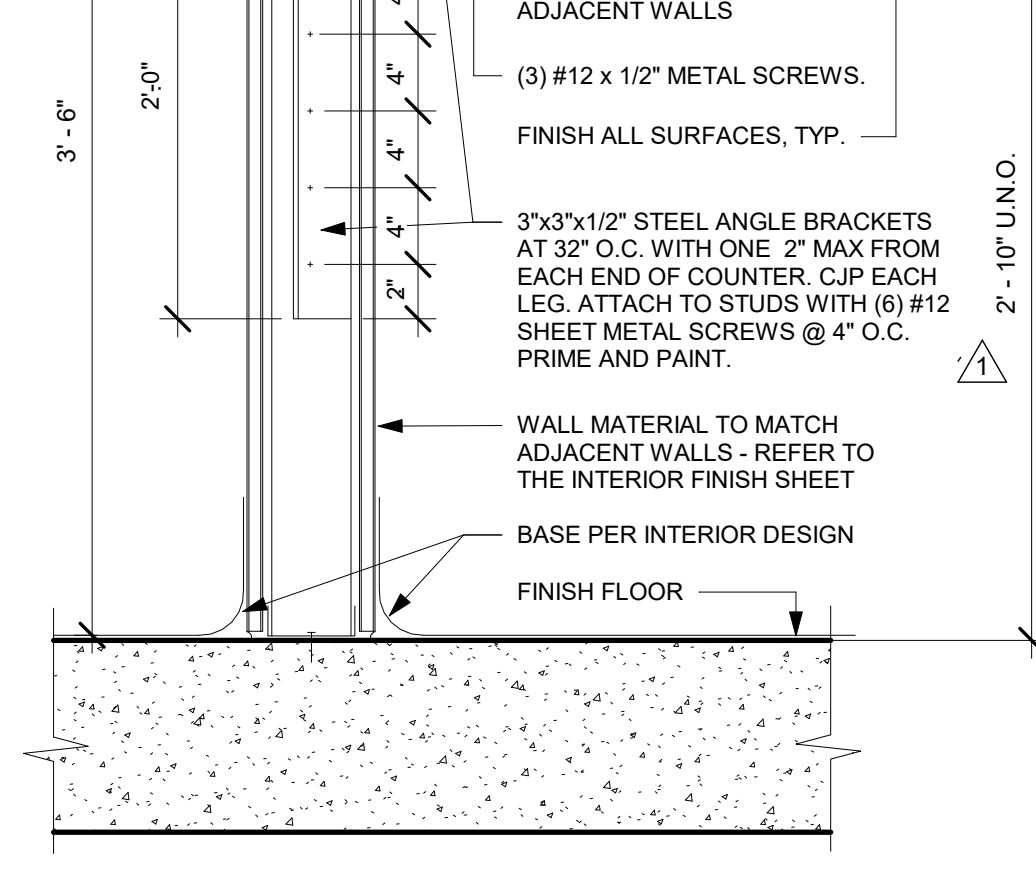
10 SECTION THROUGH COUNTER  
1 1/2" = 1'-0"



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



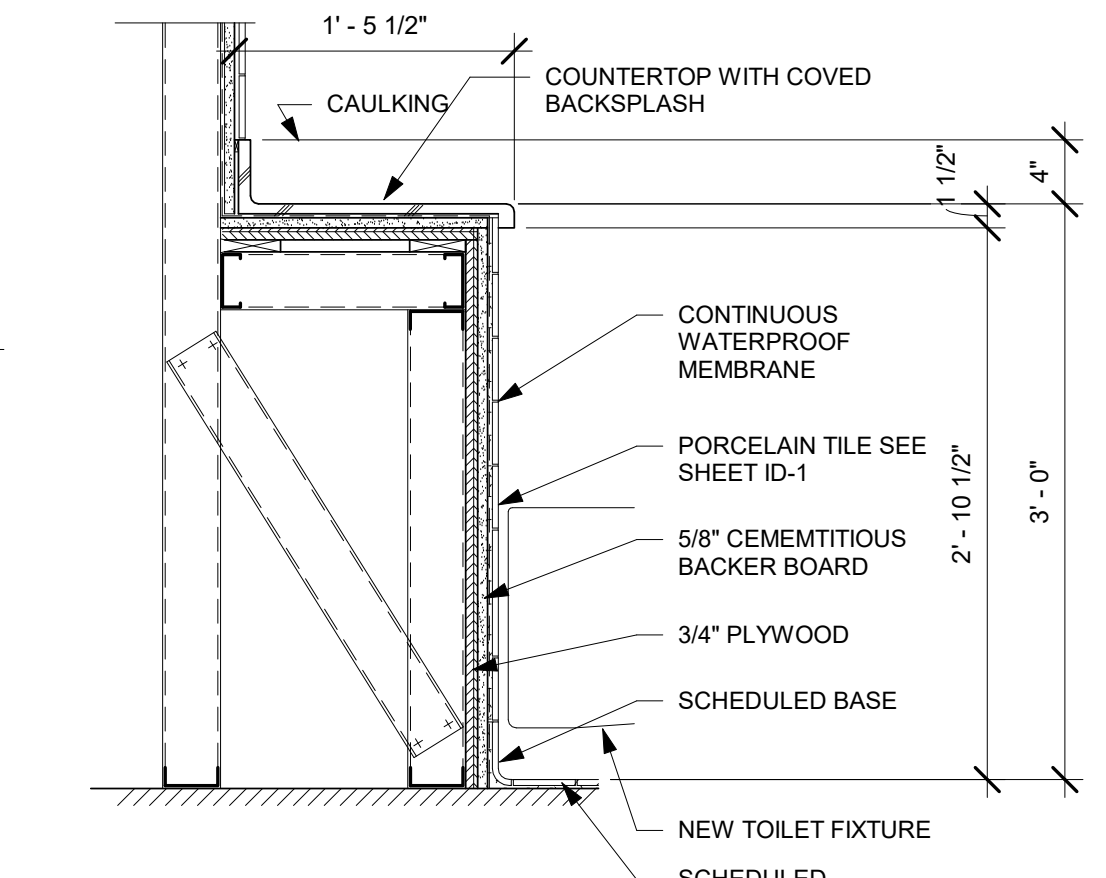
3 WINDOW SHADE DETAIL  
3" = 1'-0"



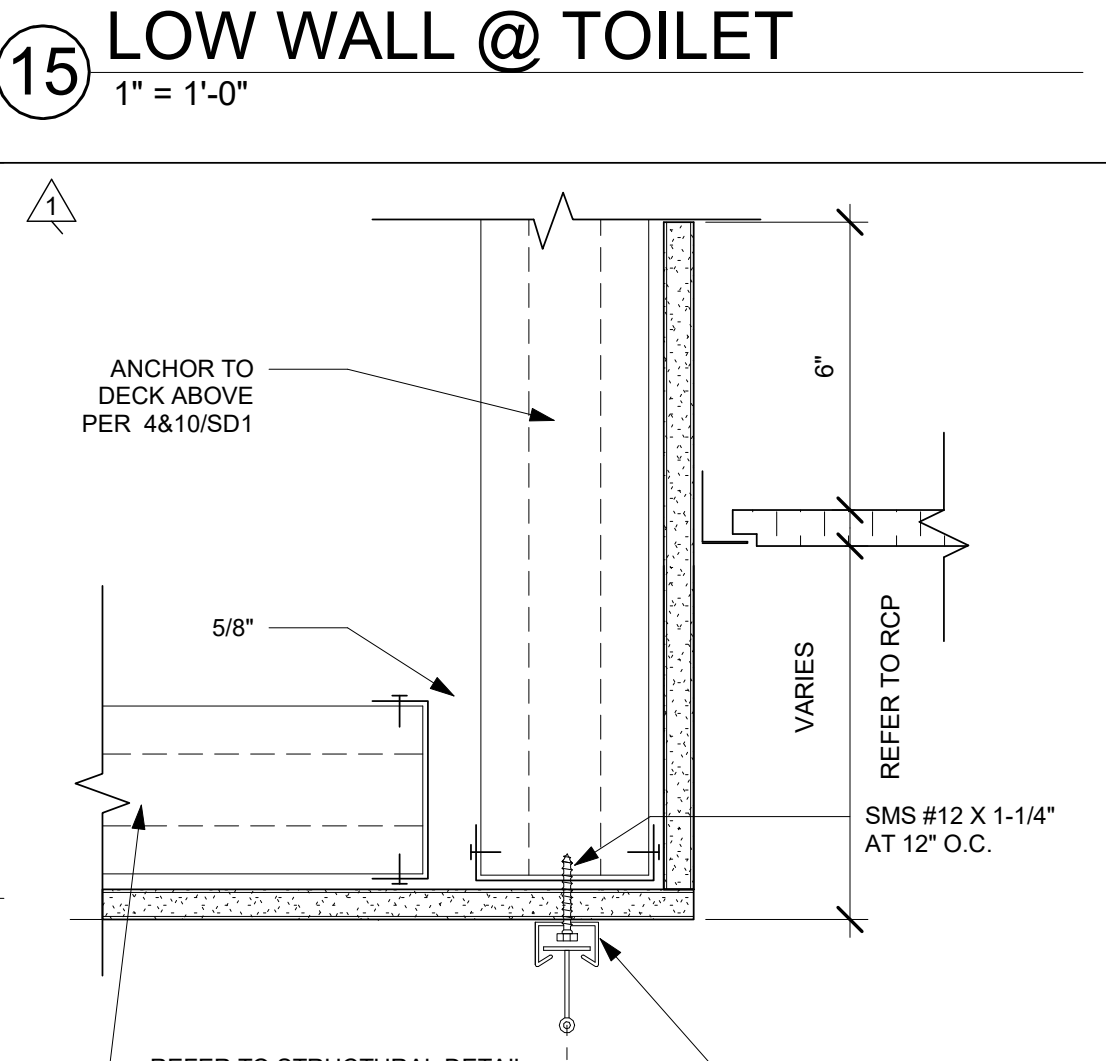
6 TYP. BASE CABINET W/ SINK  
1" = 1'-0"



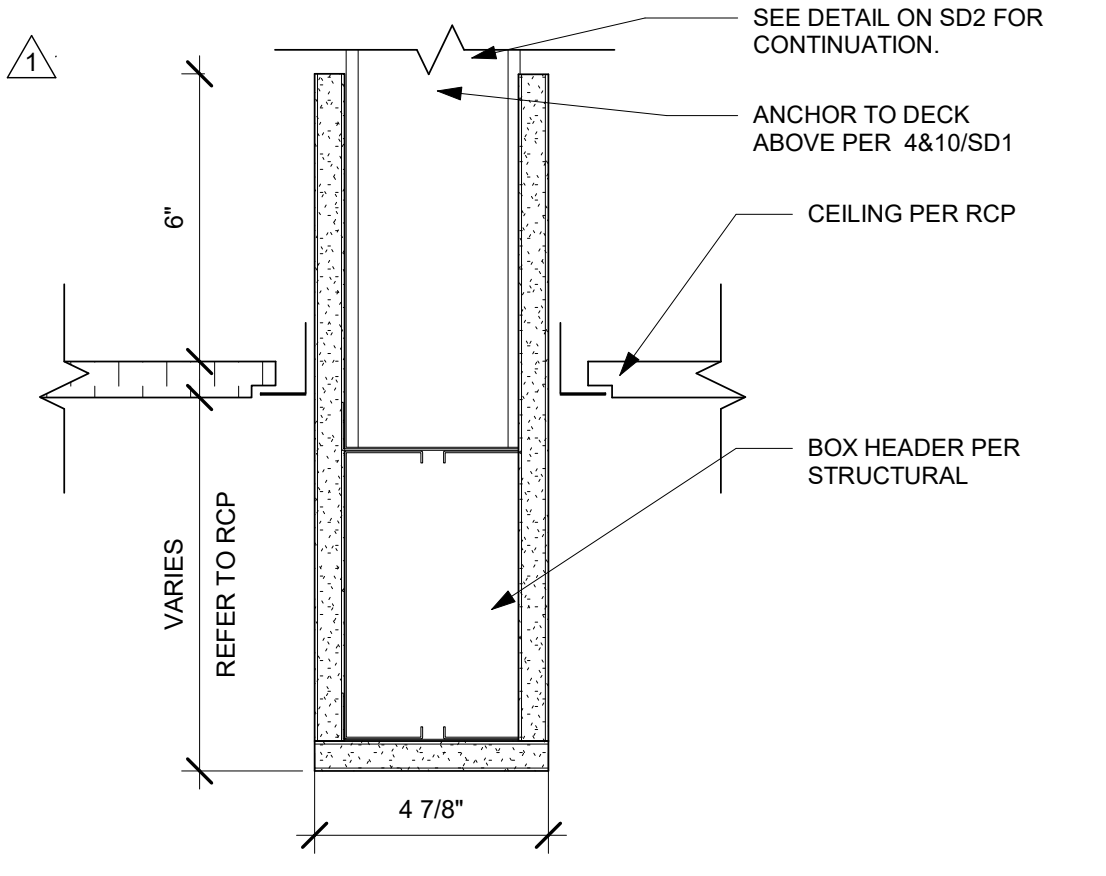
1 MILLWORK SECTION  
1 1/2" = 1'-0"



15 LOW WALL @ TOILET  
1" = 1'-0"



14 CURTAIN TRACK  
3" = 1'-0"



13 BULKHEAD DETAIL  
3" = 1'-0"

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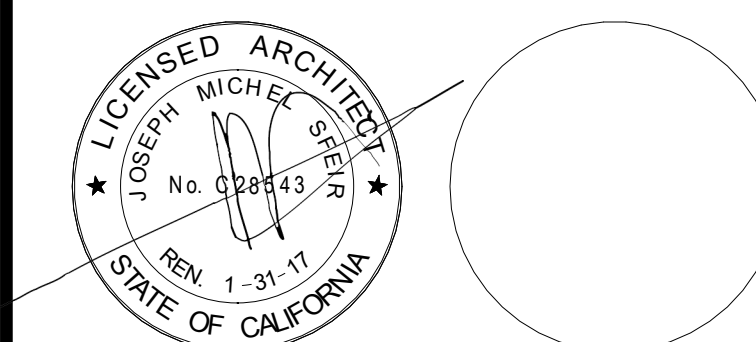
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REVISION	DESCRIPTION	DATE
1	OSHPD COMMENTS	12/01/16
2	DESIGN CHANGES	12/01/16
3	OSHPD COMMENTS	02/15/17
4	DESIGN CHANGES	02/15/17
5	OSHPD COMMENTS	08/11/17

REV	DESCRIPTION	DATE

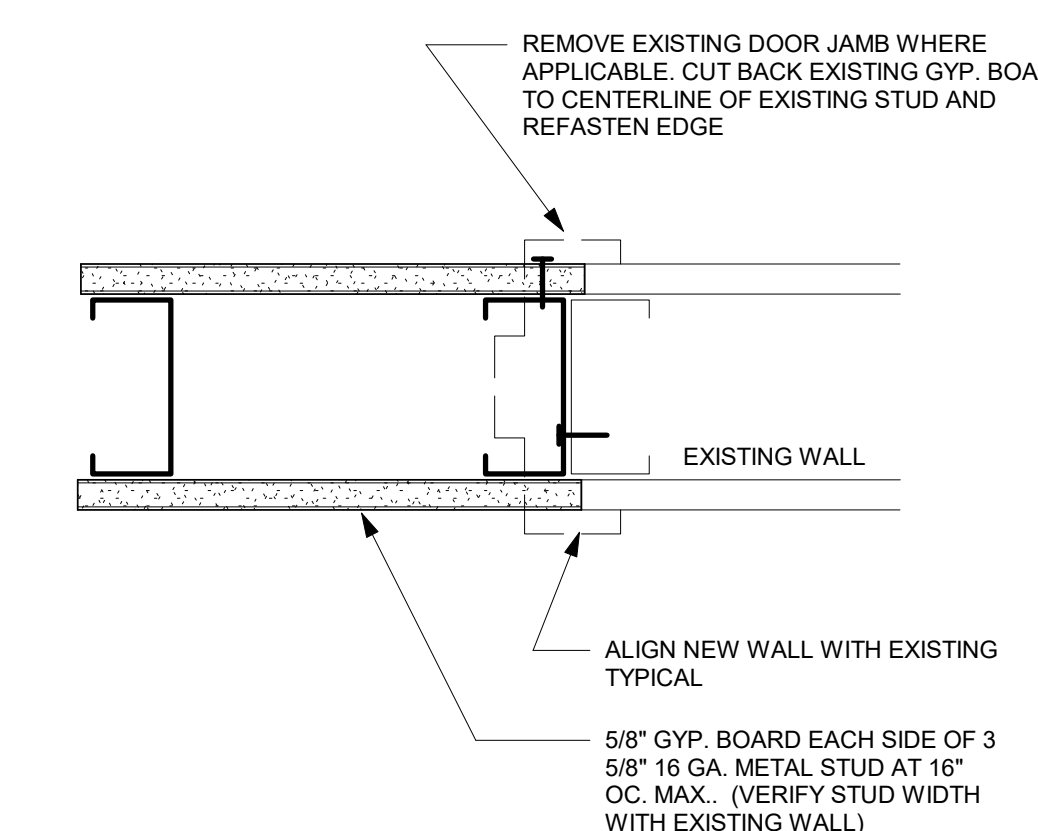
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OSHPD # S162093-37-00

DETAILS

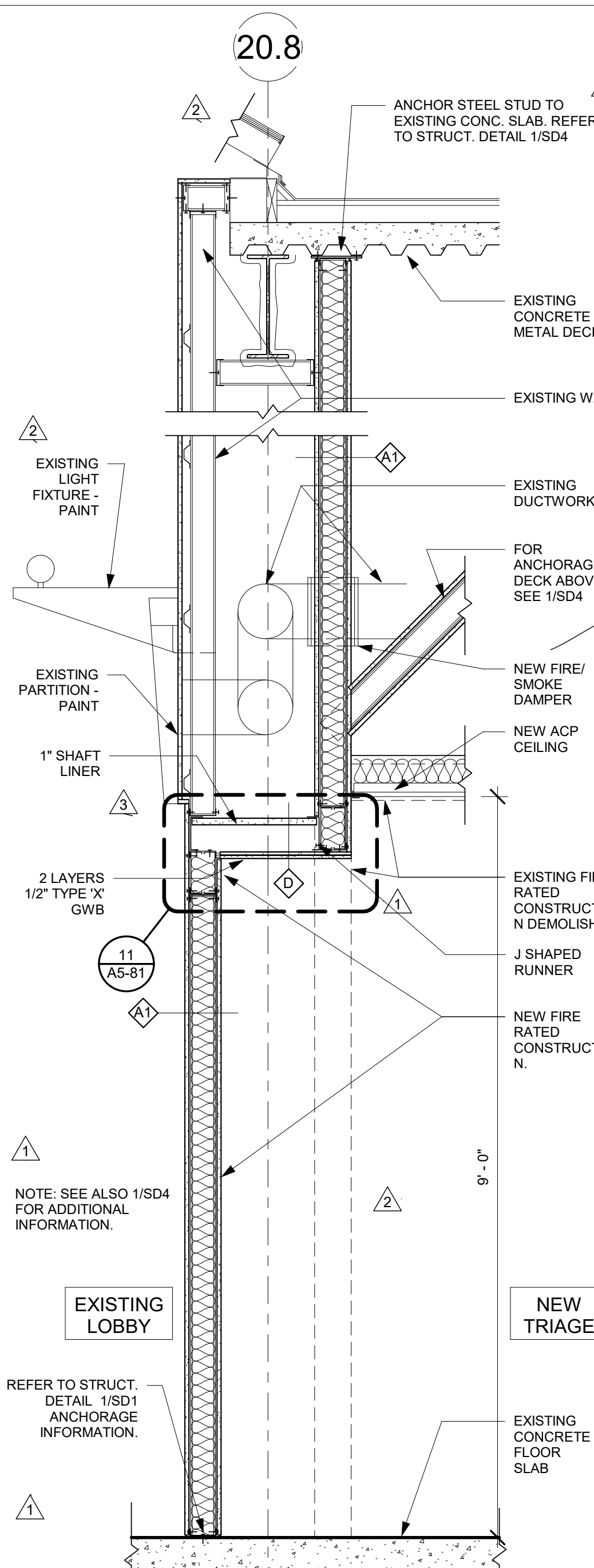
PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00  
DRAWN BY: Author  
CHECKED BY: Checker  
SCALE: As indicated  
DATE: 08/03/16

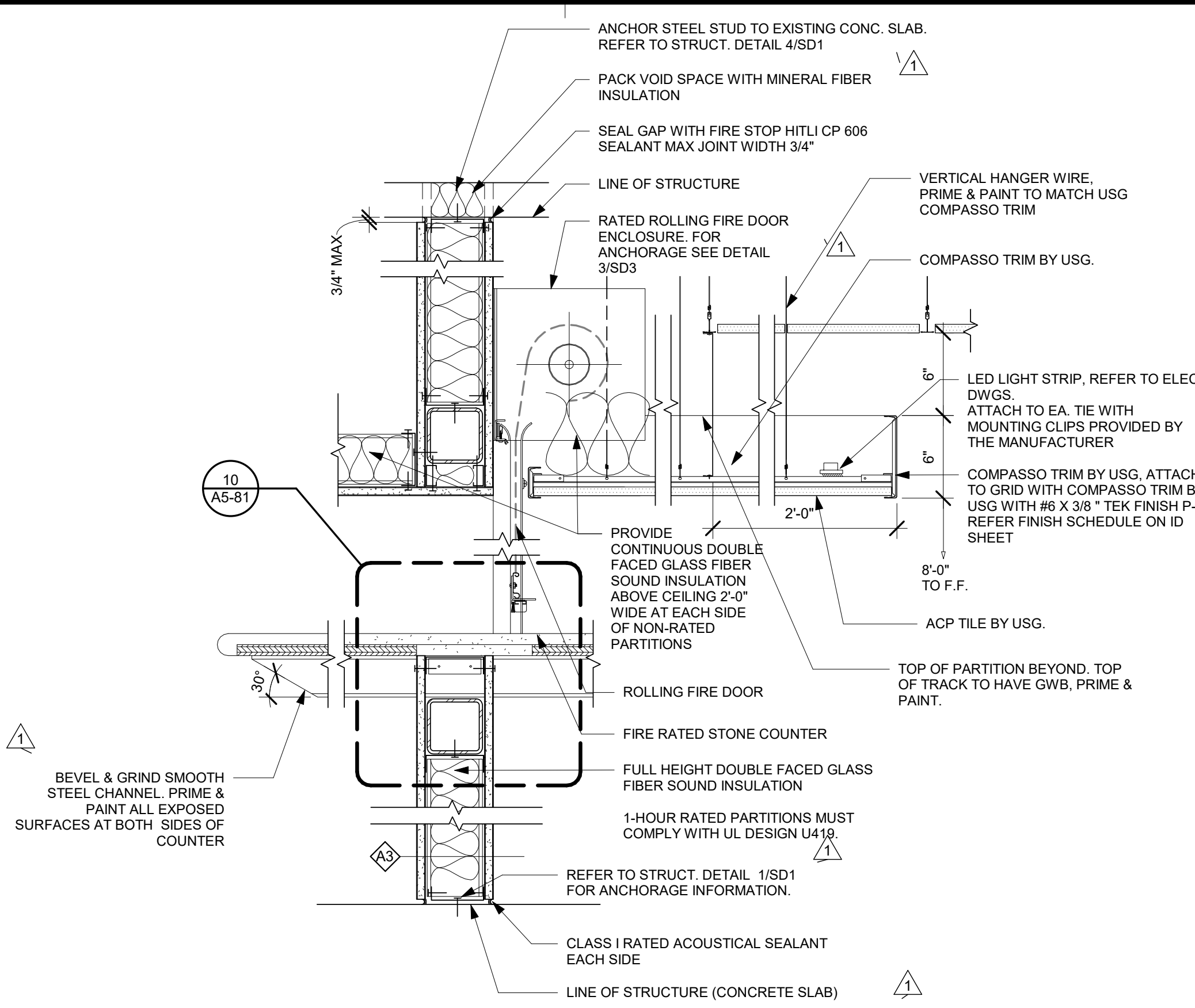
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**A5-81**



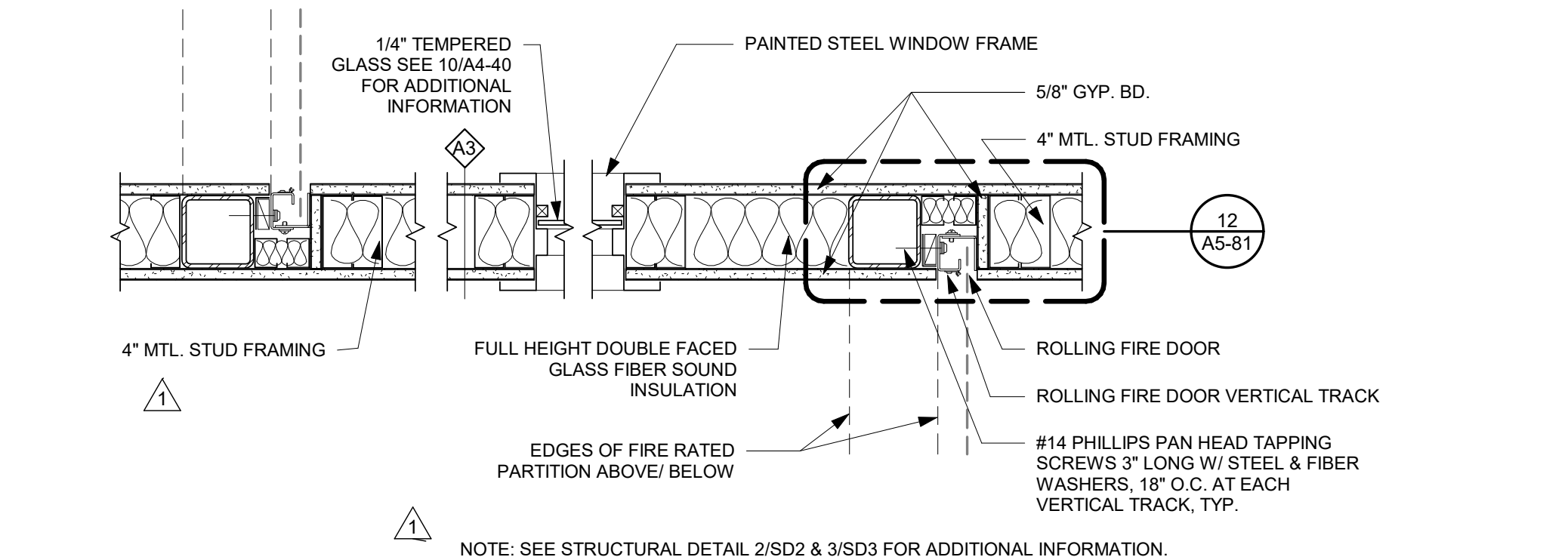
2 INFILL WALL OPENING  
3" = 1'-0"



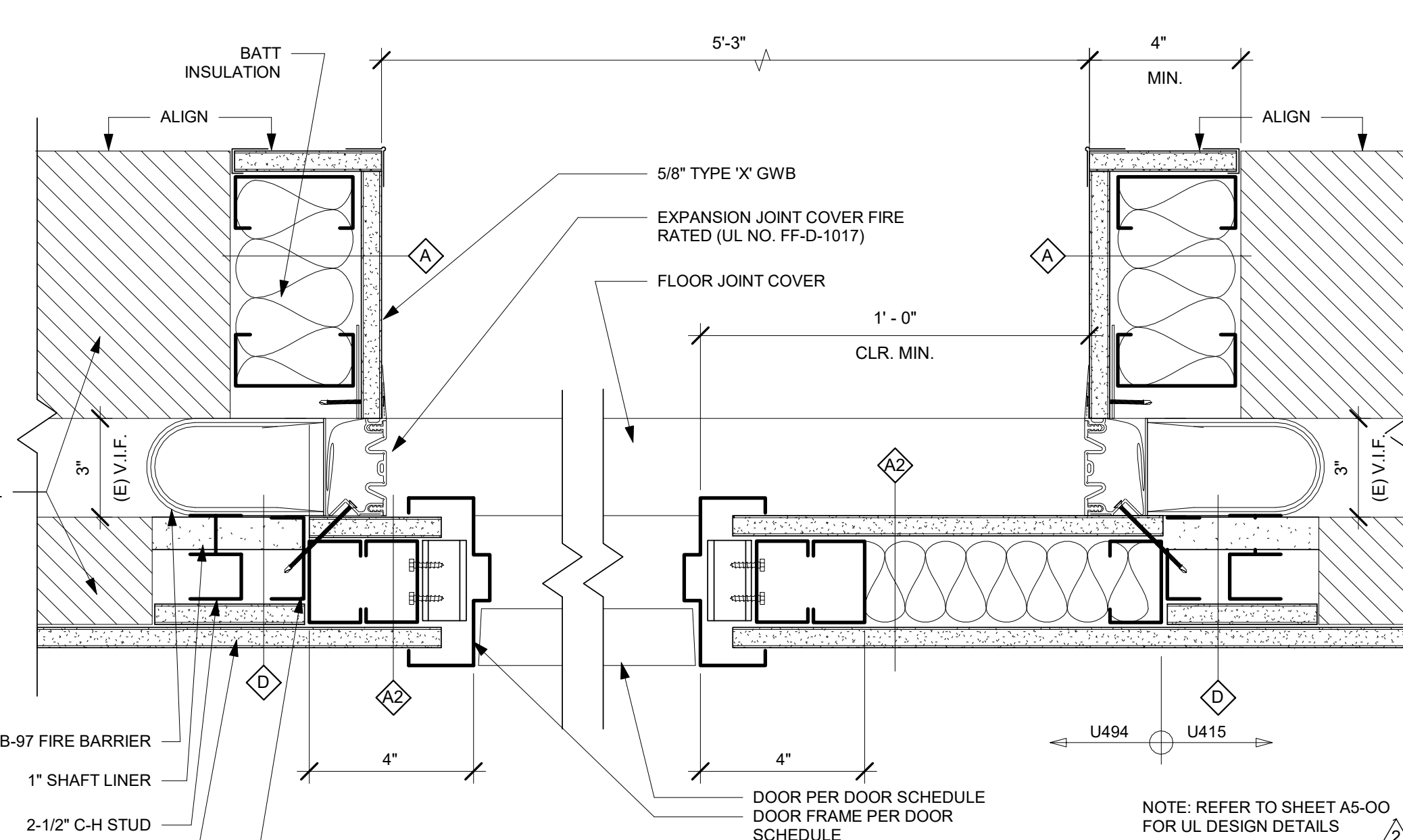
1 SECTION - RATED PARTITION  
3/4" = 1'-0"



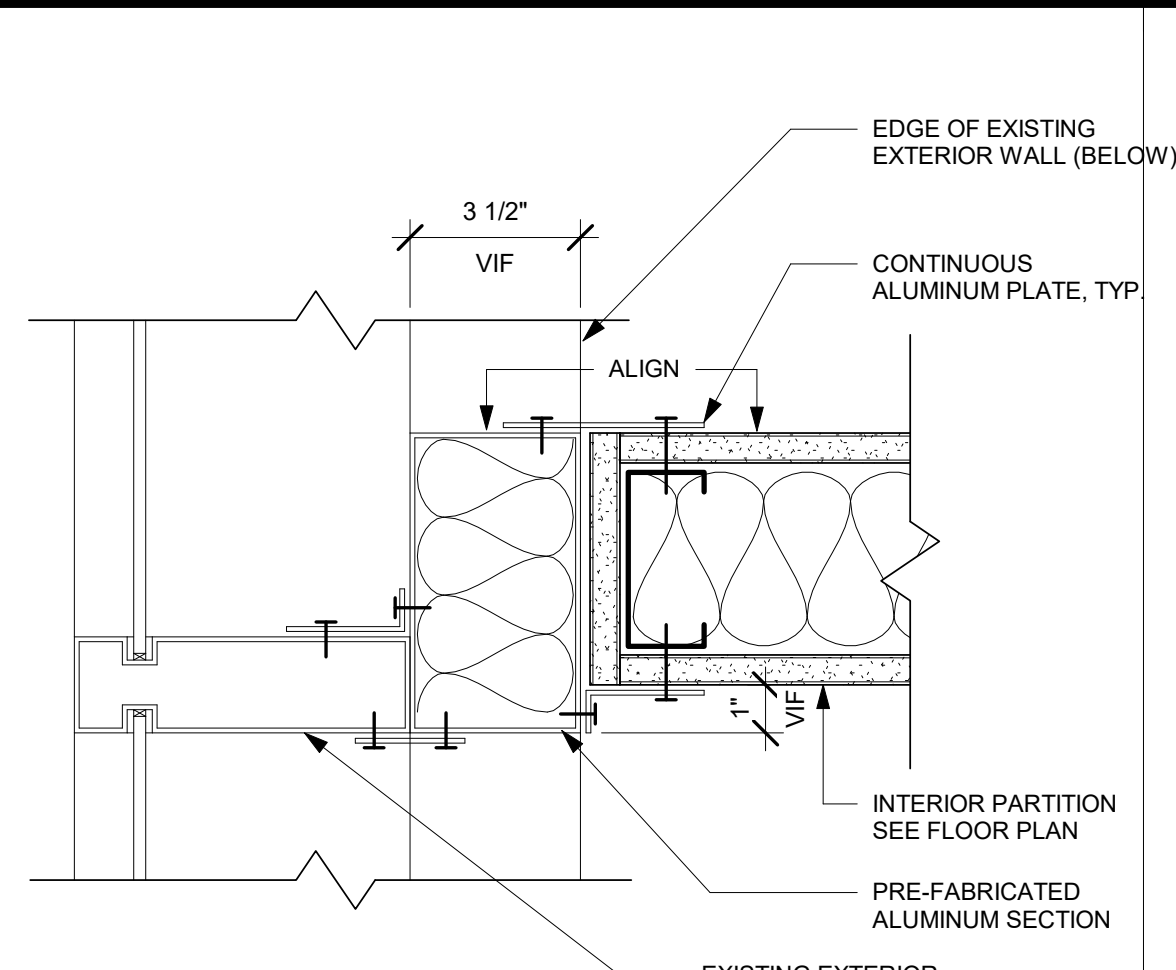
5 RATED FIRE SHUTTER/ COVE LIGHT DETAIL  
1 1/2" = 1'-0"



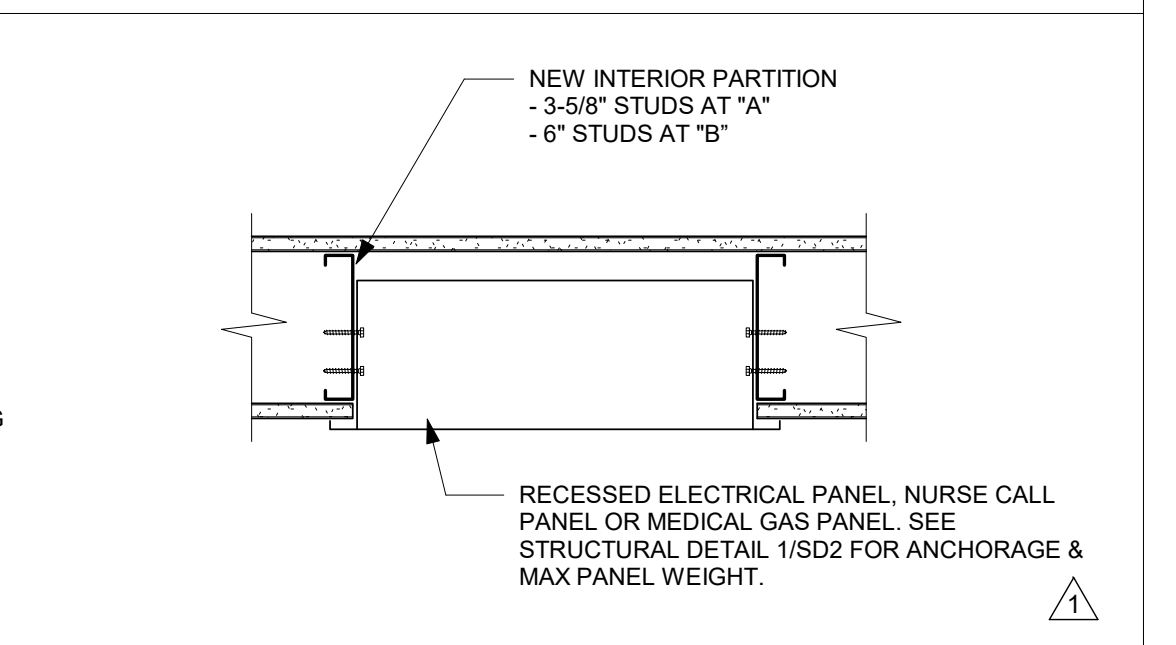
4 RATED FIRE SHUTTER DETAIL  
1 1/2" = 1'-0"



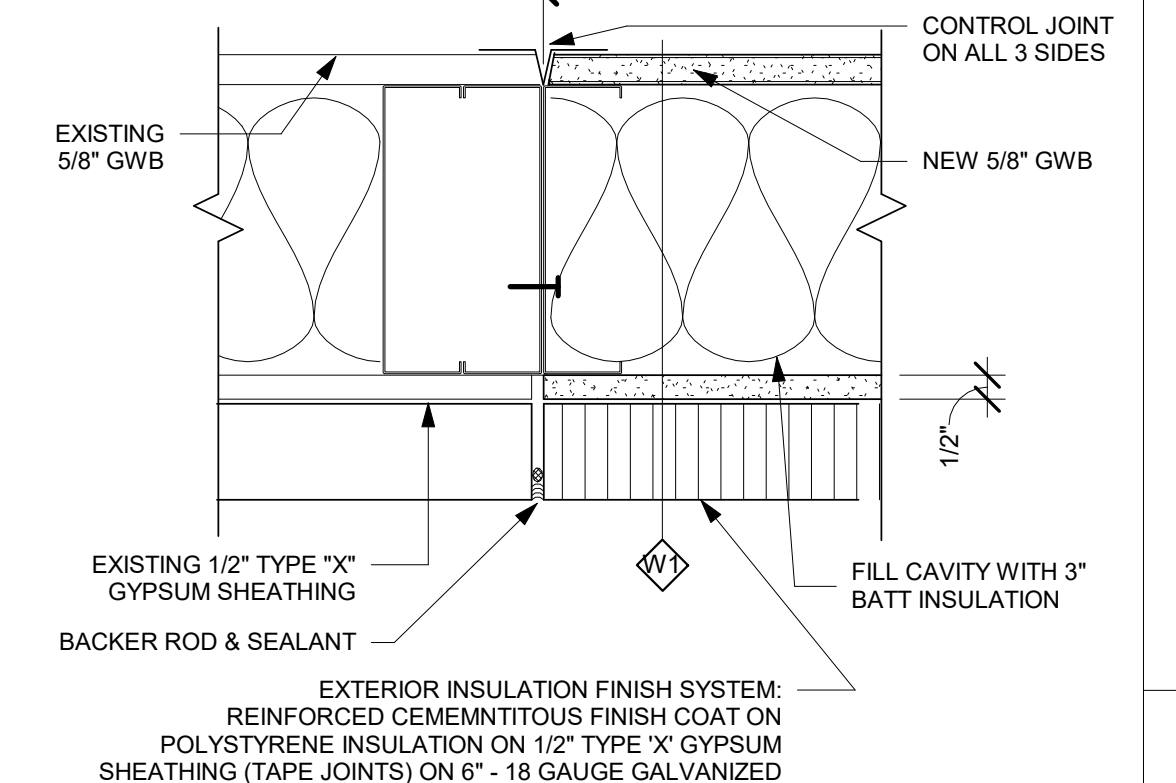
3 EXPANSION JOINT - JAMB  
3" = 1'-0"



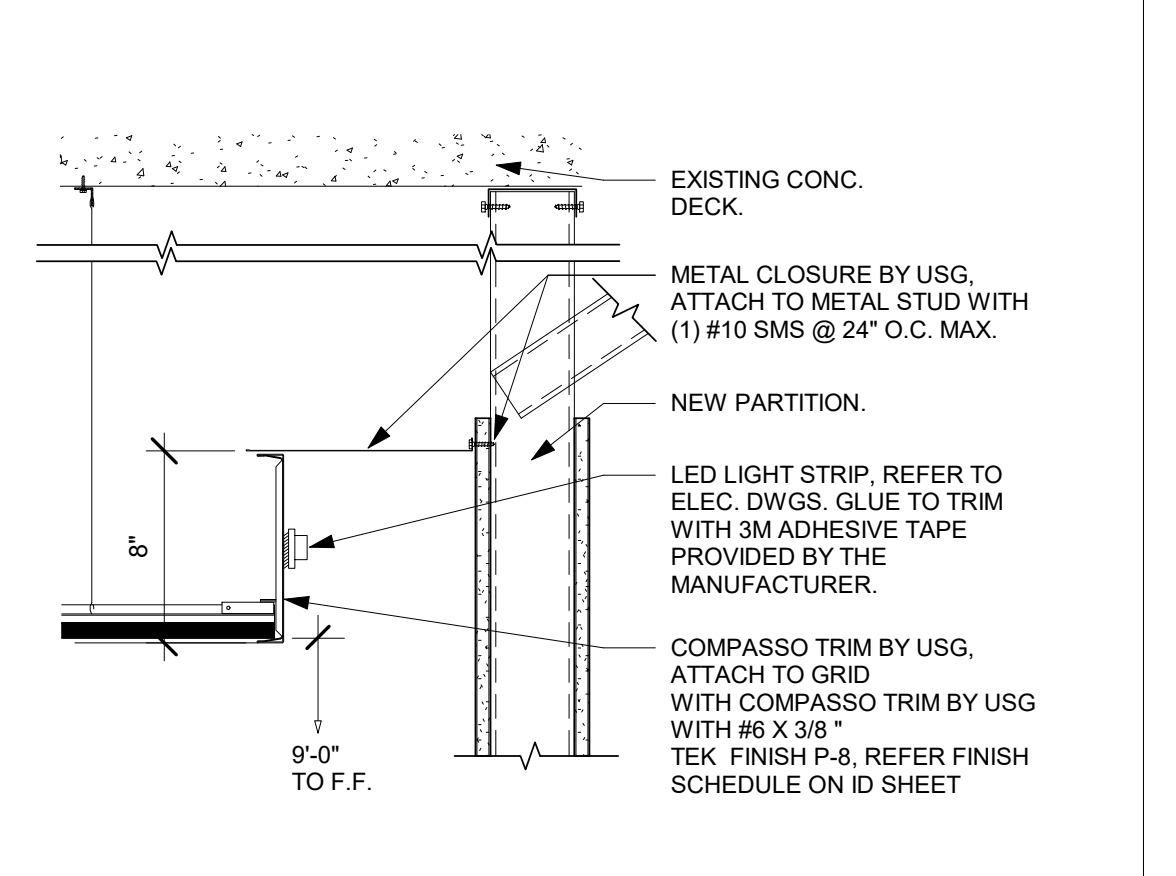
9 INTERIOR PARTITION AT MULLION  
3" = 1'-0"



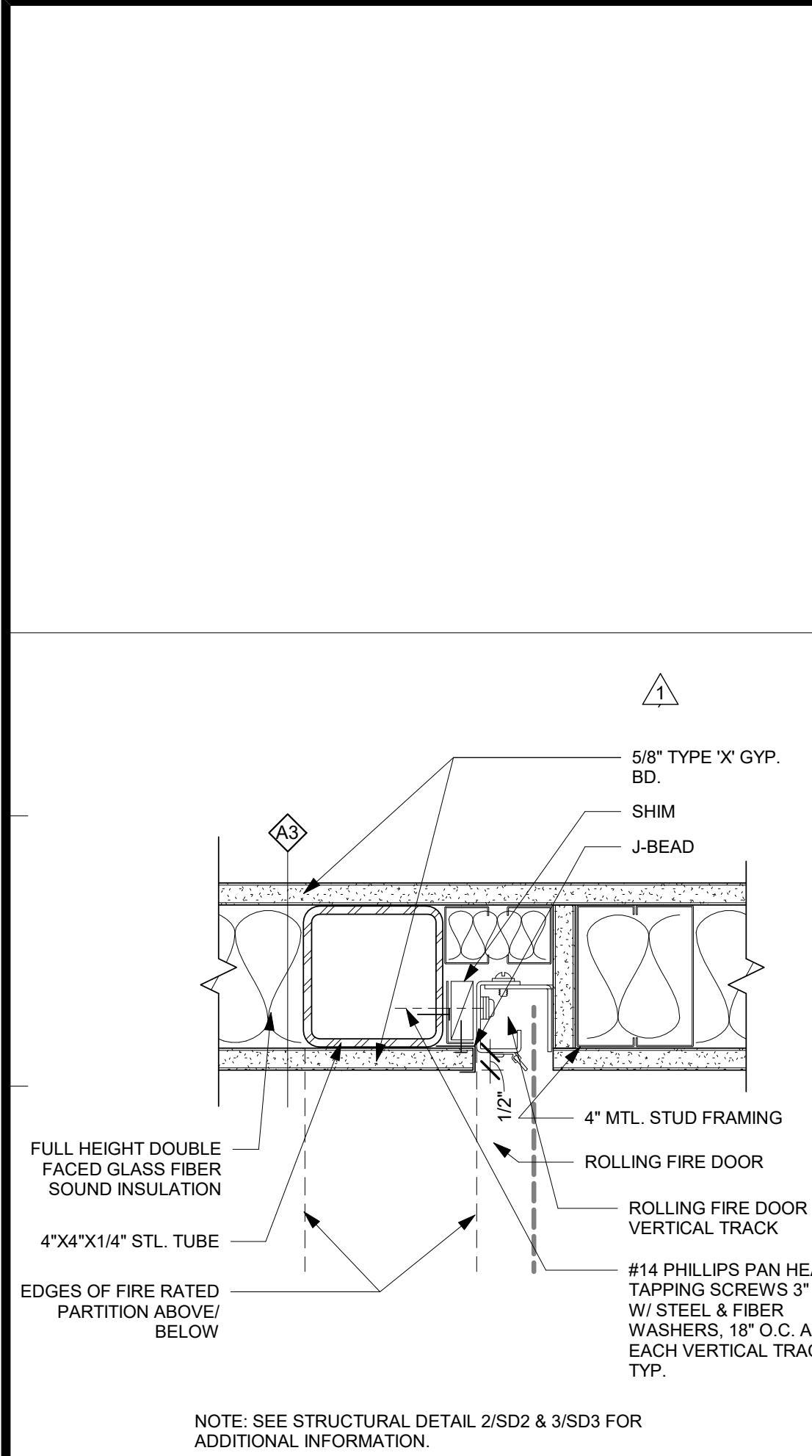
8 RECESSED CABINET  
1 1/2" = 1'-0"



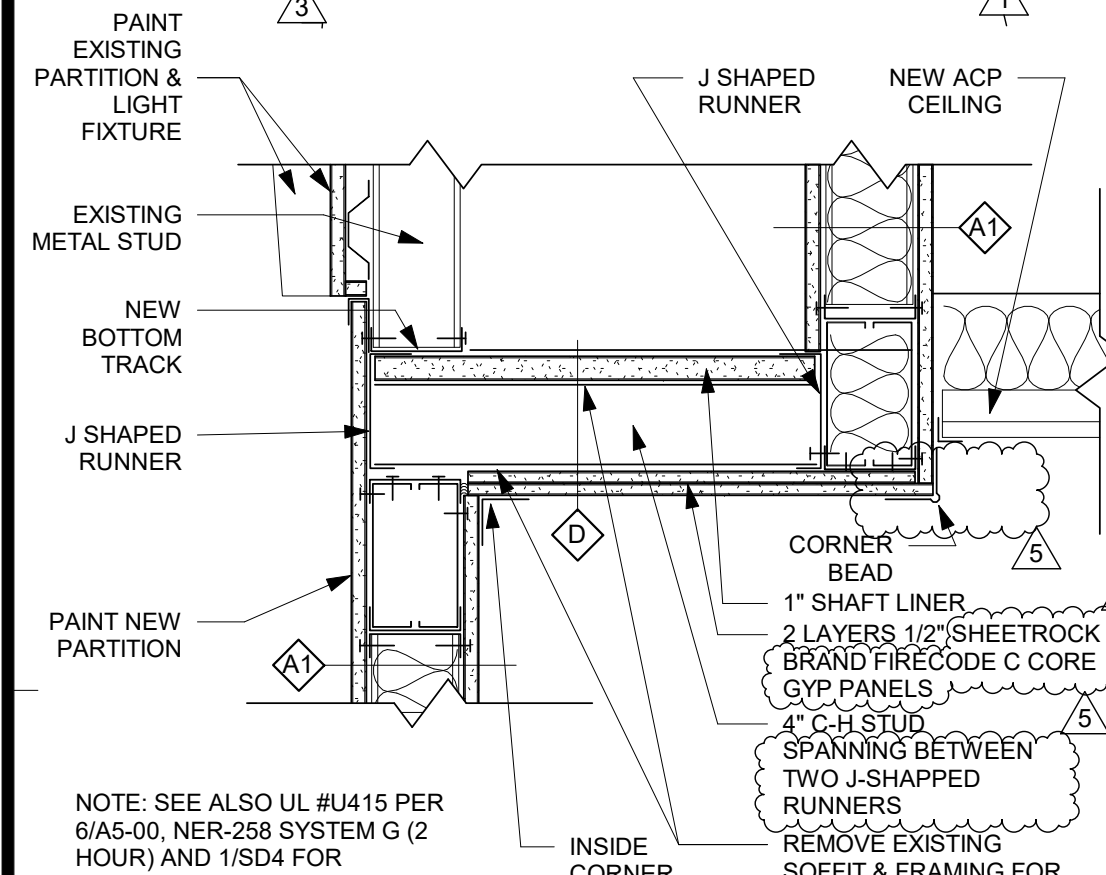
7 INFILL AT EXISTING EXTERIOR WALL  
3" = 1'-0"



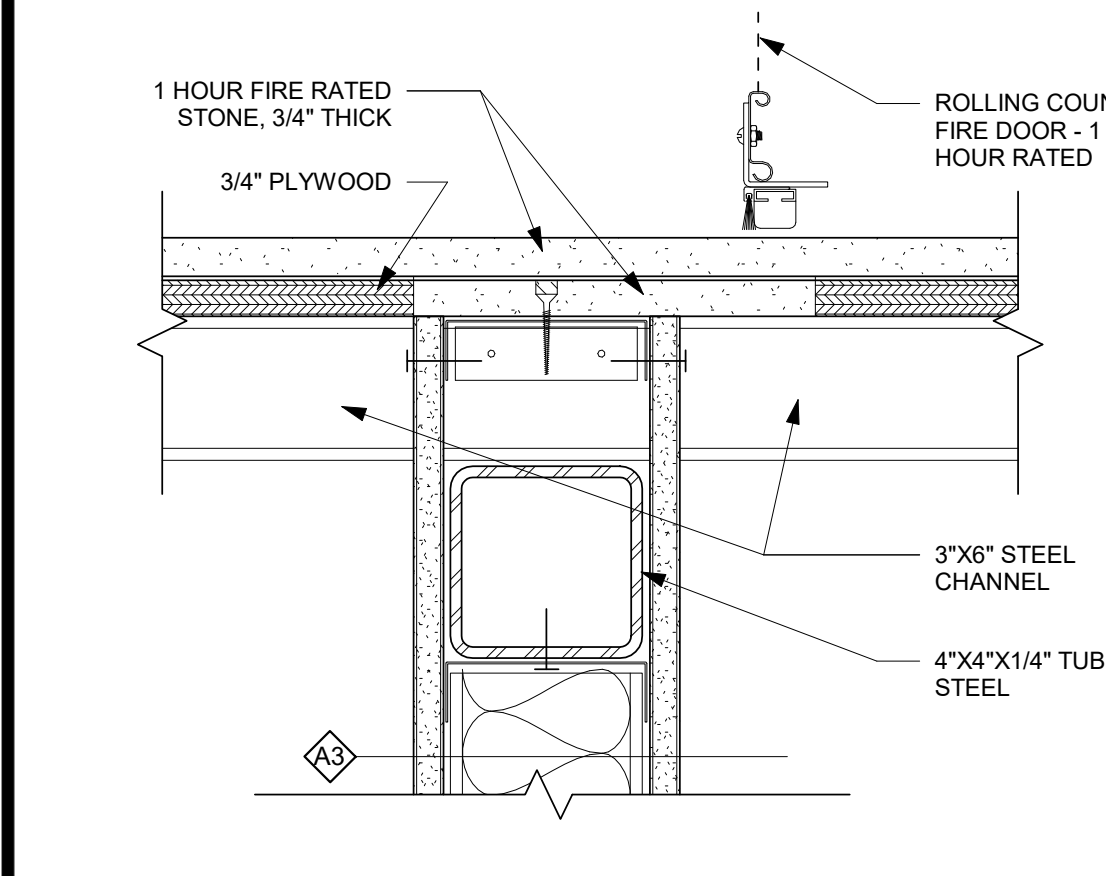
6 COVE LIGHT DETAIL  
1 1/2" = 1'-0"



12 RATED FIRE SHUTTER JAMB  
3" = 1'-0"



11 WALL PARTITION DETAIL  
1 1/2" = 1'-0"



10 COUNTER SILL DETAIL  
3" = 1'-0"

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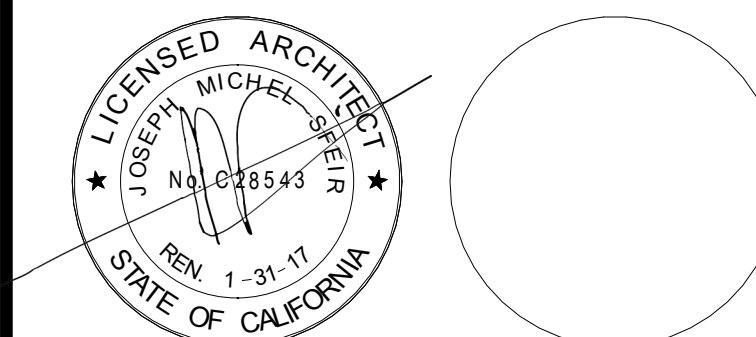
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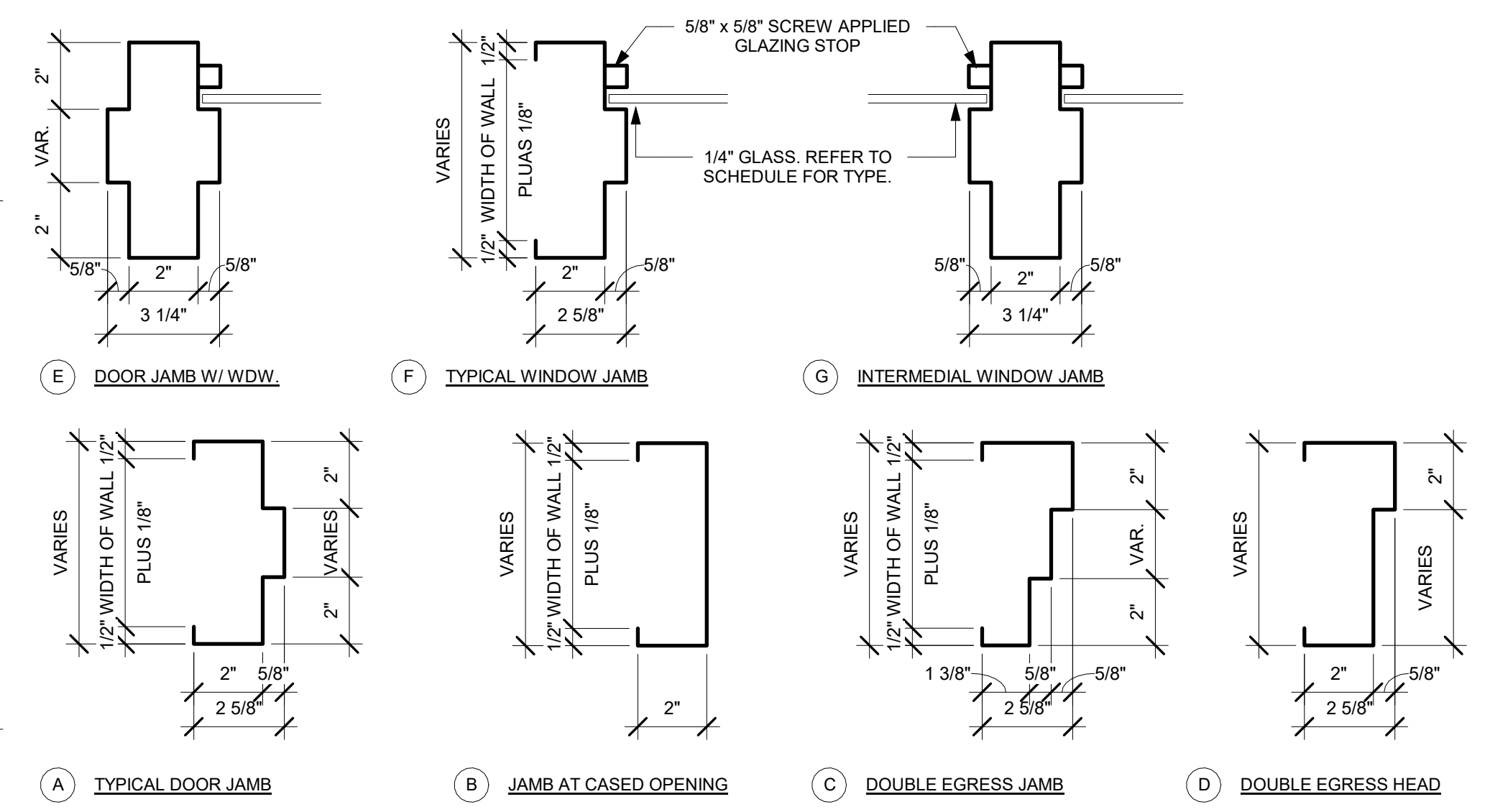
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OSHPD #: S162093-37-00

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

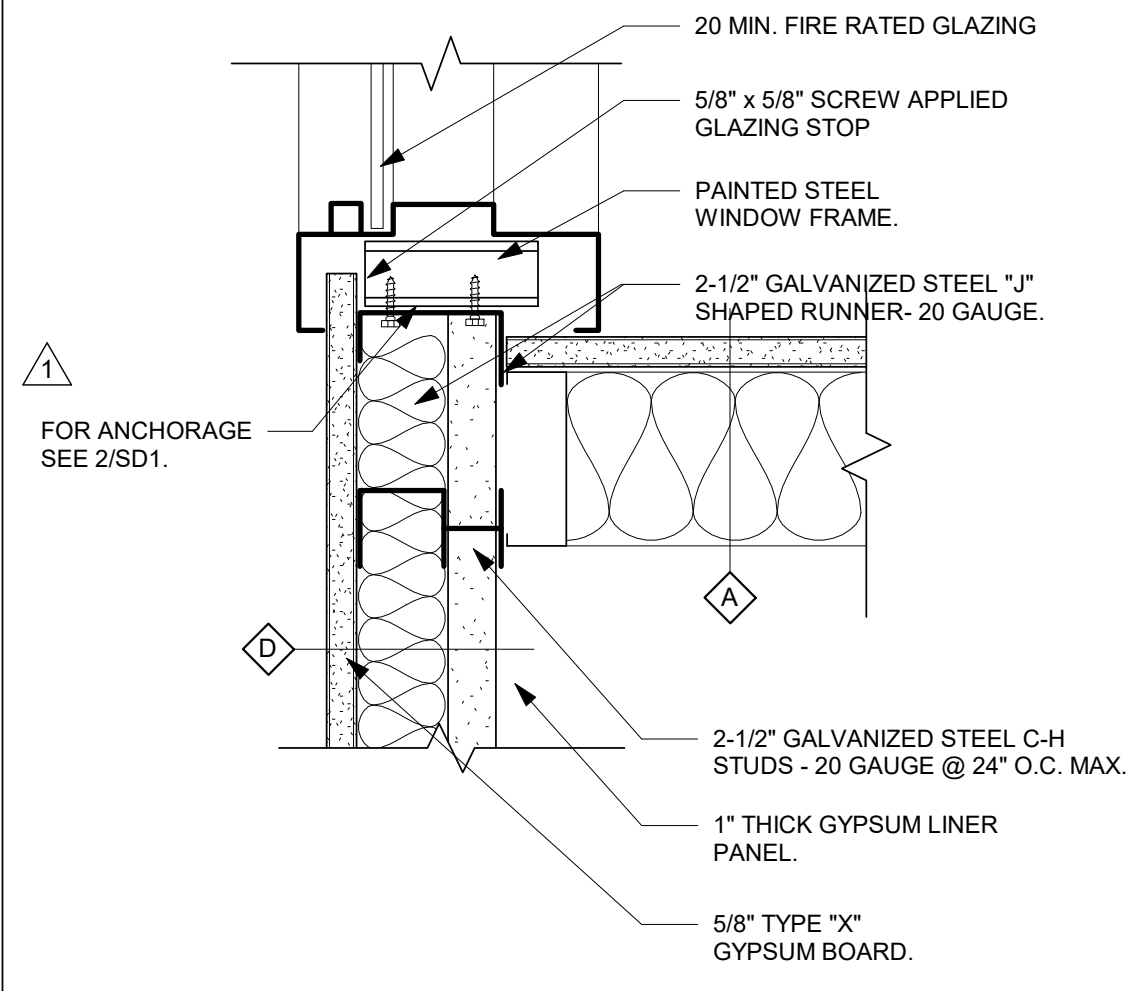
PROJECT #:  
01593.00

SHEET NUMBER:  
A6-00

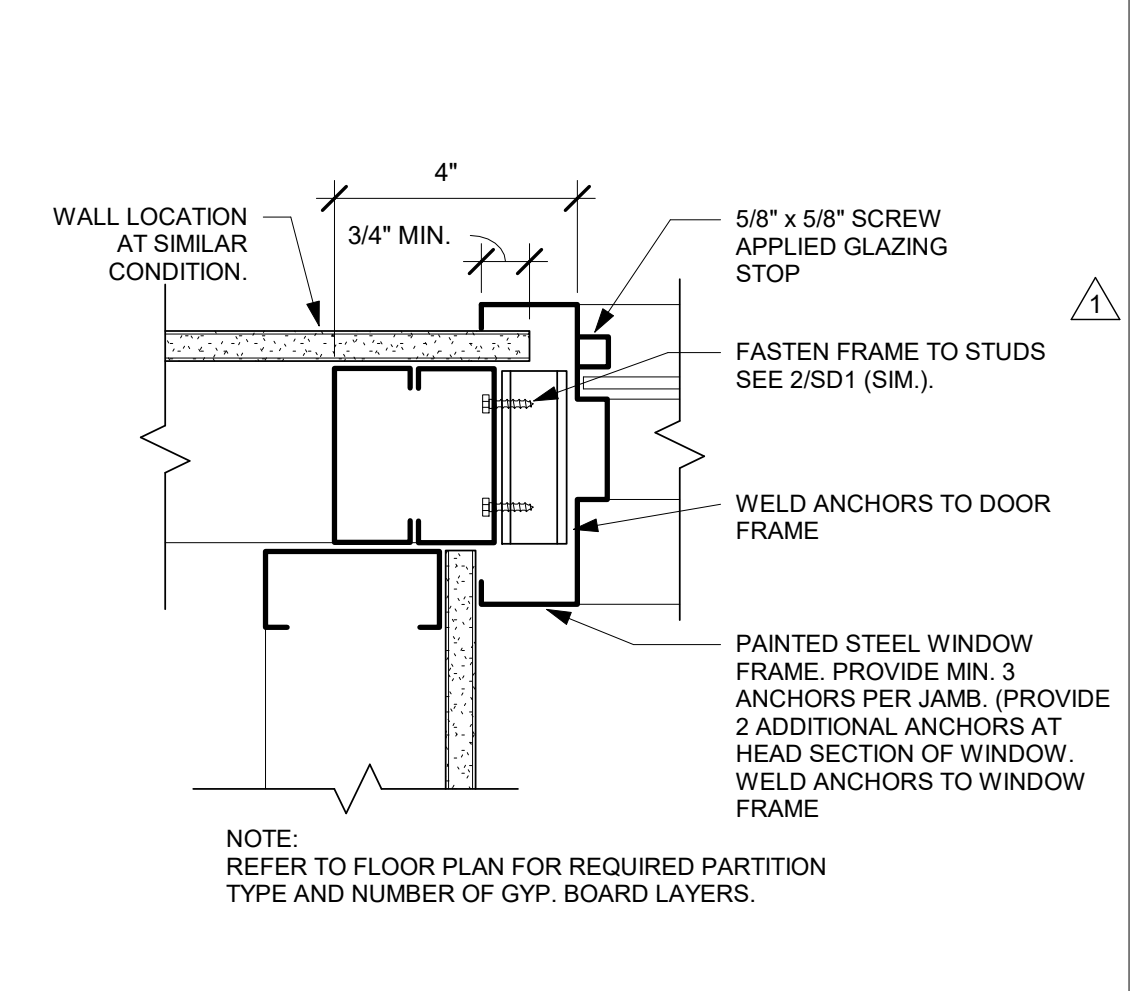
OPNG NO.	DOOR				FRAME			DETAILS			HDWR. SET	NOTES:		
	TYPE	(W)	(H)	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	HEAD	JAMB			THRESHOLD	LABEL
202-A	1A	3'-0"	7'-0"	SCWD	AC	4A	STEEL	PTD	6	5	N/A	20 MIN	1	(1) (2) (3)
204-A	1D	3'-0"	7'-0"	SCWD	AC	4A	STEEL	PTD	6	5	MAR	20 MIN	8	(6) (8)
205-A	1D	3'-0"	7'-0"	SCWD	AC	4A	STEEL	PTD	6	5	MAR	20 MIN	8	(6) (8)
207-A	1A	4'-0"	7'-0"	SCWD	AC	4A	STEEL	PTD	6	5	N/A	45 MIN	2	(1) (2) (3)
207-B	1A	3'-0"	7'-0"	SCWD	AC	4A	STEEL	PTD	6	5	N/A	45 MIN	1	(1) (2) (3)
207-C	1A	7'-4"	7'-0"	SCWD	AC	4A	STEEL	PTD	6	5	N/A	NR	3	(1) (2) (3) (5)
208-A	1A	7'-4"	7'-0"	SCWD	AC	4A	STEEL	PTD	6	5	N/A	NR	4	(1) (3) (7)
208-B	1A	7'-4"	7'-0"	SCWD	AC	4A	STEEL	PTD	6	5	N/A	45 MIN	6	(1) (2) (3)
208-C	1A	7'-4"	7'-0"	SCWD	AC	4A	STEEL	PTD	6	5	N/A	NR	5	(1) (3)
210-A	1A	3'-0"	7'-0"	SCWD	AC	4A	STEEL	PTD	6	5	N/A	20 MIN	7	(1) (2)
211-A	1A	3'-0"	7'-0"	SCWD	AC	4A	STEEL	PTD	6	5	N/A	20 MIN	7	(1) (2) (4)
276-A	1A	3'-0"	7'-0"	SCWD	AC	4A	STEEL	PTD	6	5	MAR	NR	8	(1) (6) (8)
277-A	1A	3'-0"	7'-0"	SCWD	AC	4A	STEEL	PTD	6	5	N/A	NR	8	(1)
278-A	1A	3'-0"	7'-0"	SCWD	AC	4A	STEEL	PTD	6	5	MAR	NR	8	(1) (6) (8)



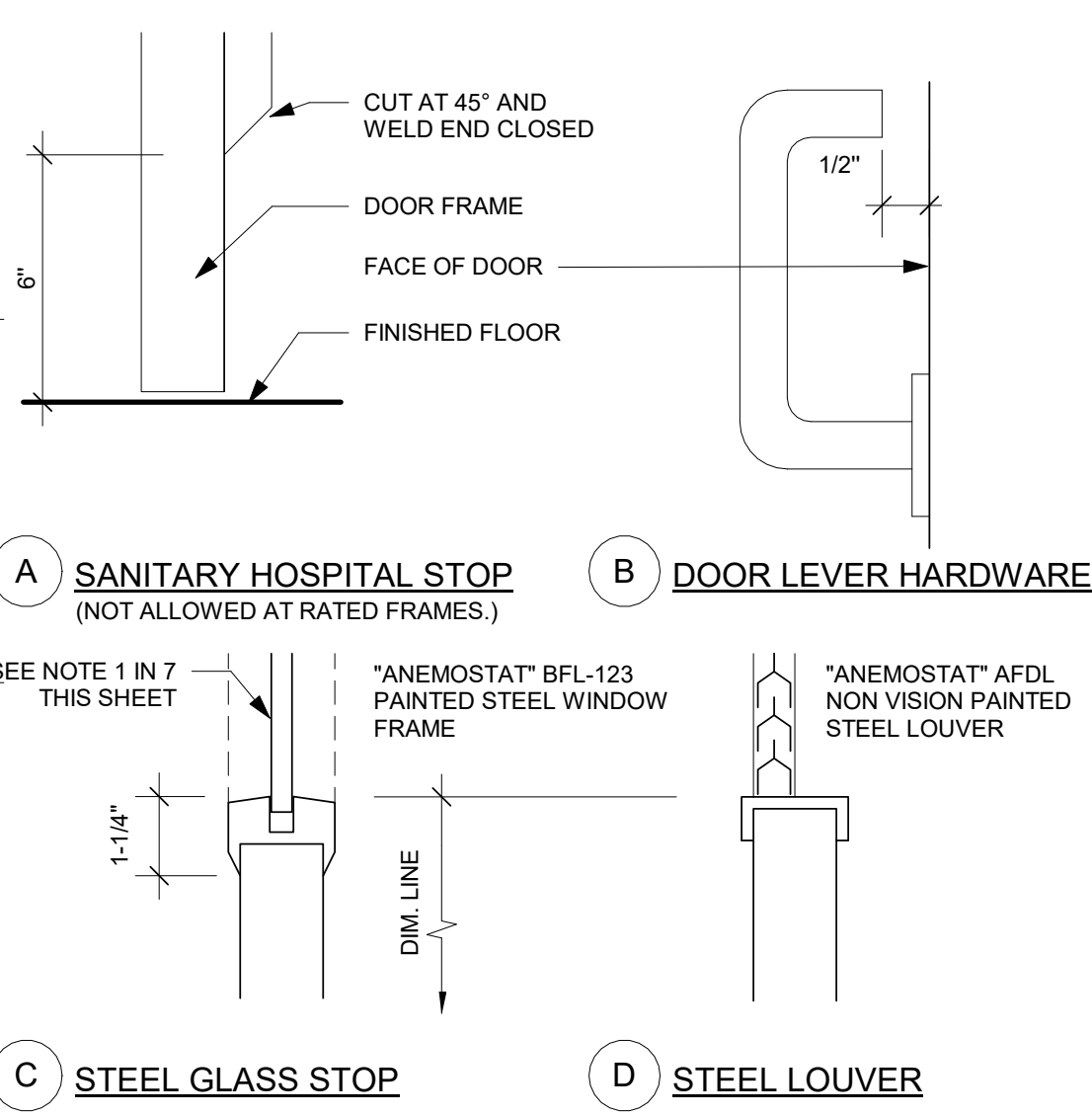
4 FRAME TYPES  
3" = 1'-0"



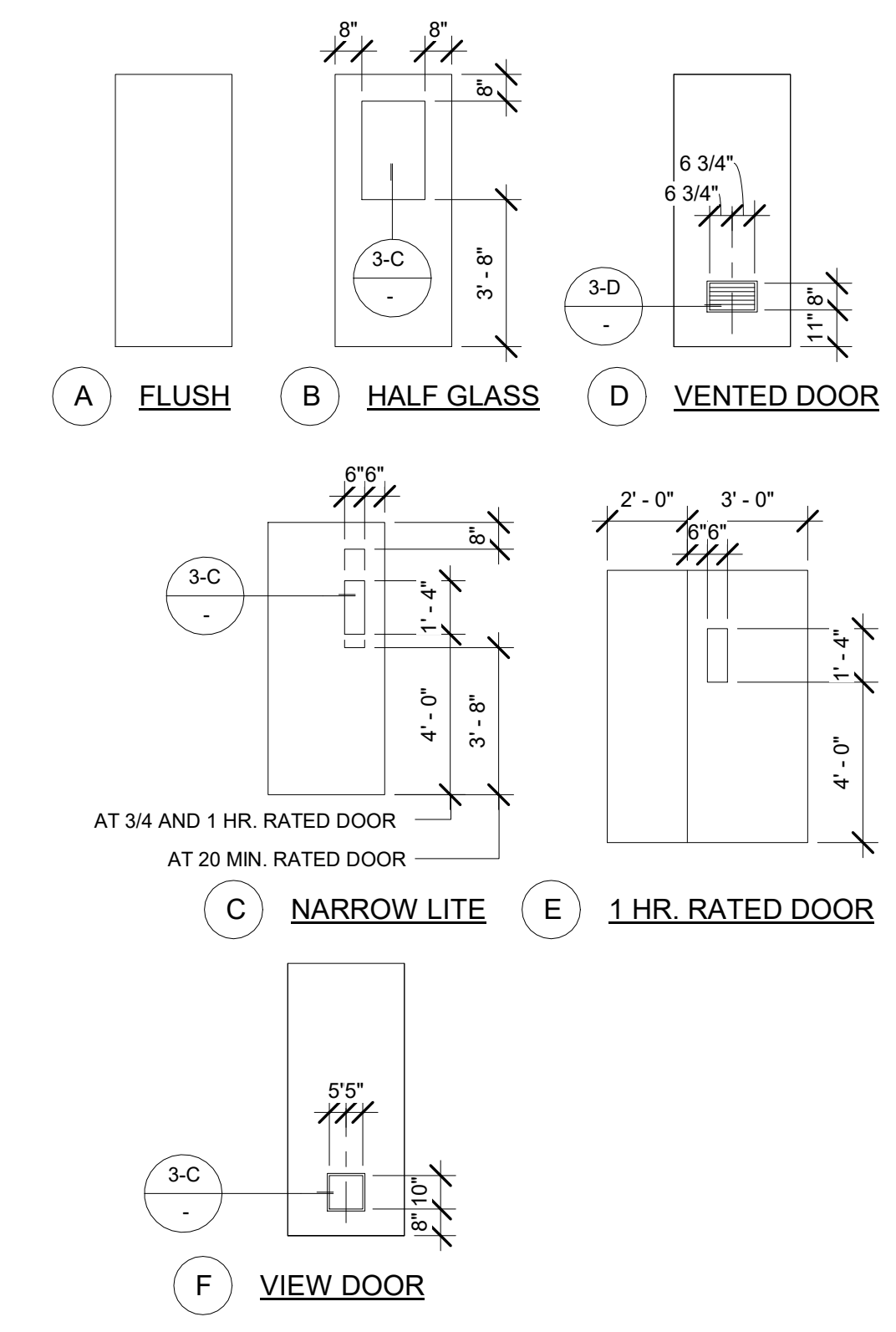
7 WINDOW JAMB DETAIL #1  
3" = 1'-0"



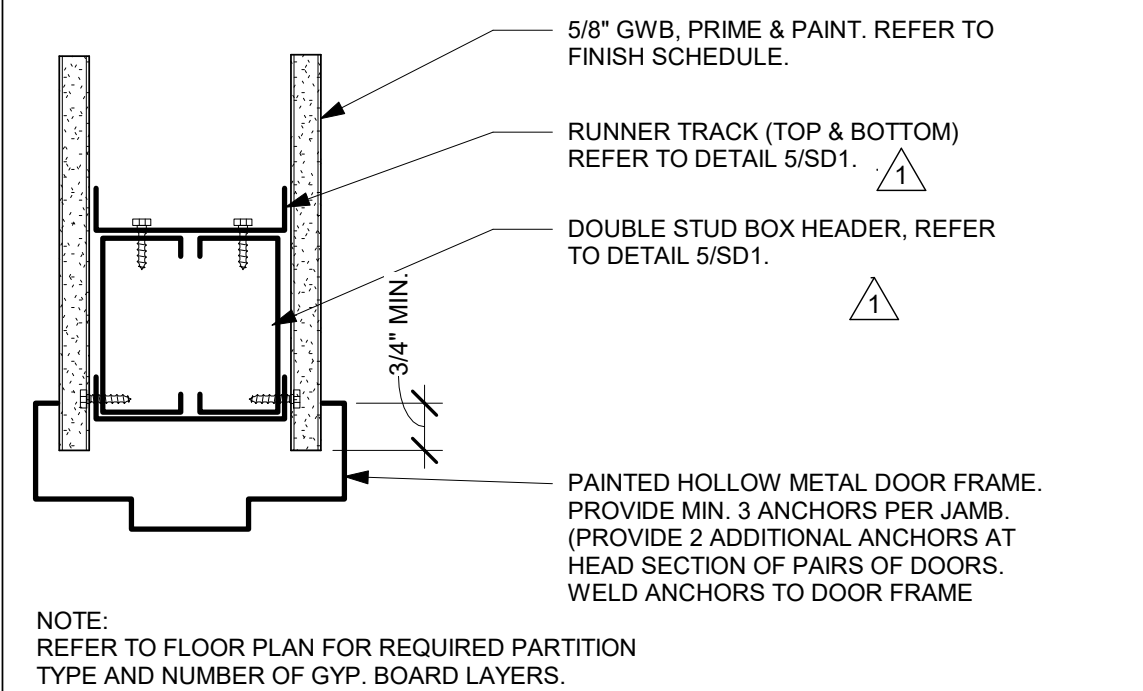
10 WINDOW JAMB DETAIL #4  
3" = 1'-0"



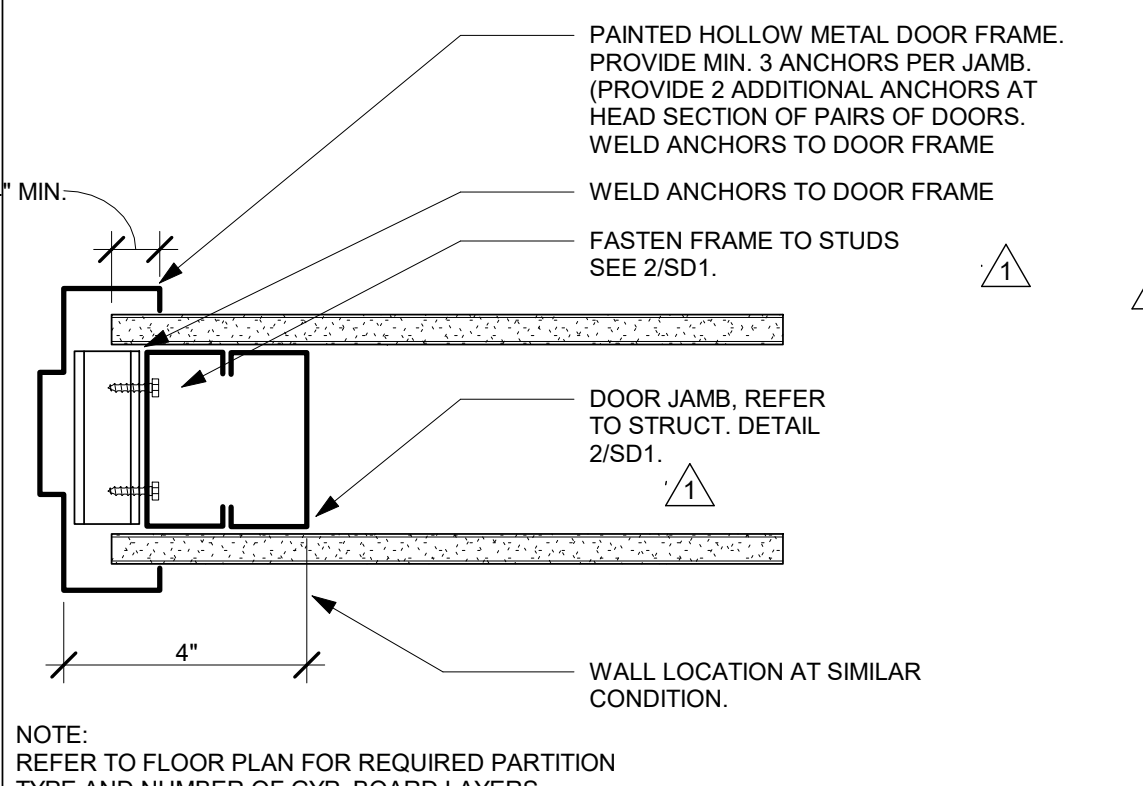
2 DOOR DETAILS  
12" = 1'-0"



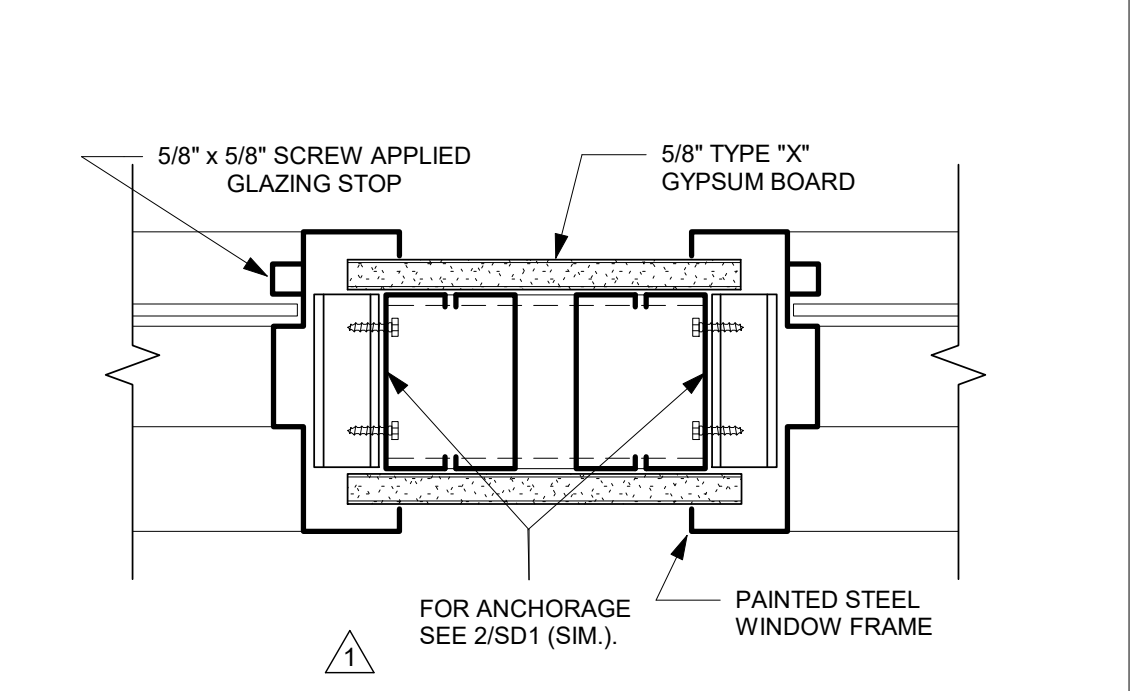
1 DOOR TYPES  
1/4" = 1'-0"



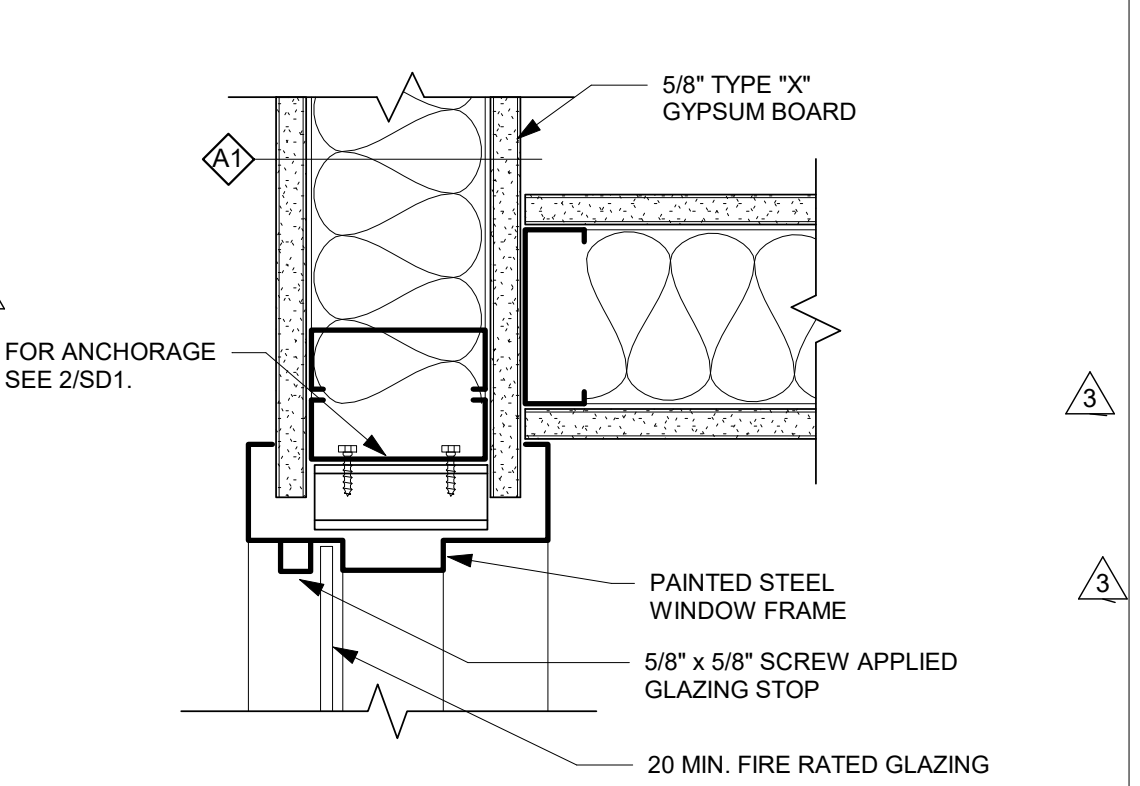
6 TYPICAL DOOR HEADER  
3" = 1'-0"



5 TYPICAL DOOR JAMB  
3" = 1'-0"



9 WINDOW JAMB DETAIL #3  
3" = 1'-0"



8 WINDOW JAMB DETAIL #2  
3" = 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 UON.

DOOR SCHEDULE KEYNOTES:

- KICK PLATE
- DOOR SHALL BEAR 'S' LABEL
- INTEGRATED STAINLESS STEEL RADIUS EDGE GUARDS WRAP AROUND BOTH DOOR STILES.
- FIRE RATED TEMPERED GLASS.
- USE ACROVYN DOOR ASTRAGAL.
- PROVIDE SIGNAGE ON DOOR PER 24/A1-02.
- ADD ALARM WHEN THE DOOR OPENS. ALARM WILL BE SILENCED AND/OR DISABLED FROM ANY OF THE FOUR REGISTRATION BOOTHS.
- PROVIDE 3/4" UNDERCUT.

DOOR SCHEDULE FINISH LEGEND:

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

# TCMC EMERGENCY DEPARTMENT

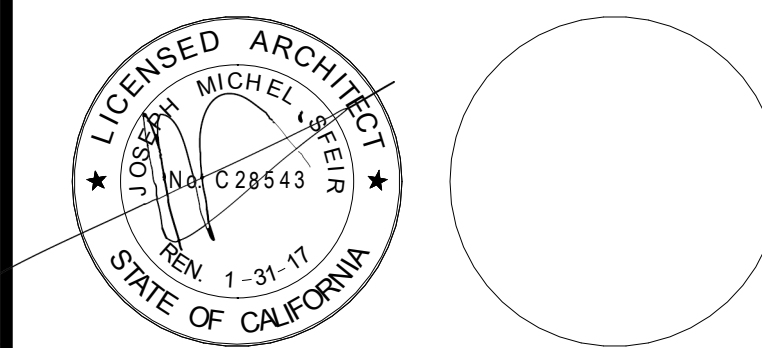
TRI-CITY MEDICAL  
CENTER  
4002 VISTA WAY  
OCEANSIDE, CALIFORNIA  
92056

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

ARCHITECT: SFEIR ARCHITECTS  
1350 COLUMBIA STREET, SUITE 603  
SAN DIEGO, CALIFORNIA 92101  
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  
9665 CHESAPEAKE DRIVE, SUITE 230  
SAN DIEGO, CALIFORNIA 92123  
TEL(619)618-2347 FAX(619)330-0668



REV	DESCRIPTION	DATE
1	OSHPD COMMENTS	12/01/16
2	DESIGN CHANGES	12/01/16
3	OSHPD COMMENTS	02/15/17
4	DESIGN CHANGES	02/15/17
5	OSHPD COMMENTS	08/11/17

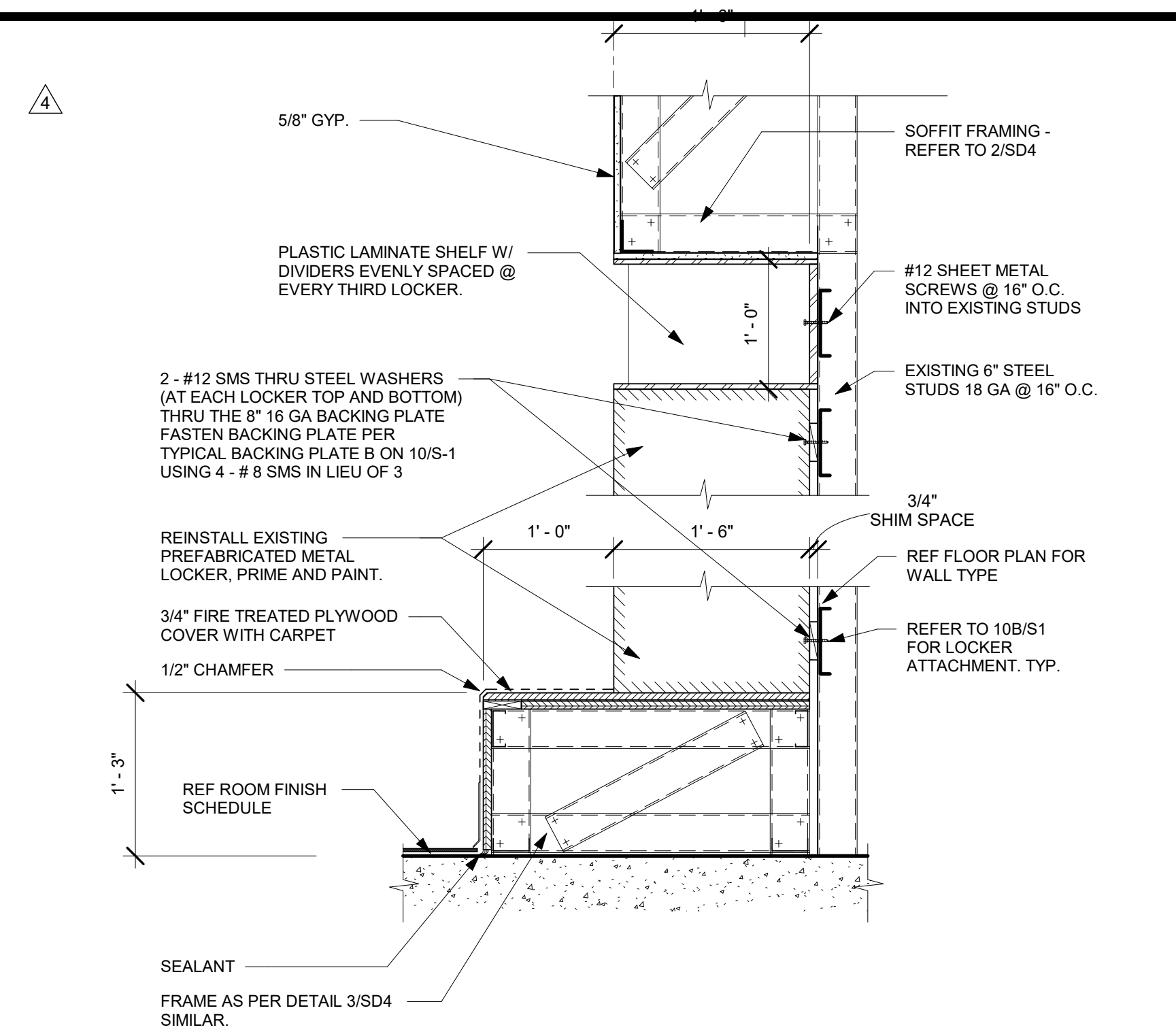
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OSHPD #: S162093-37-00

## DETAILS

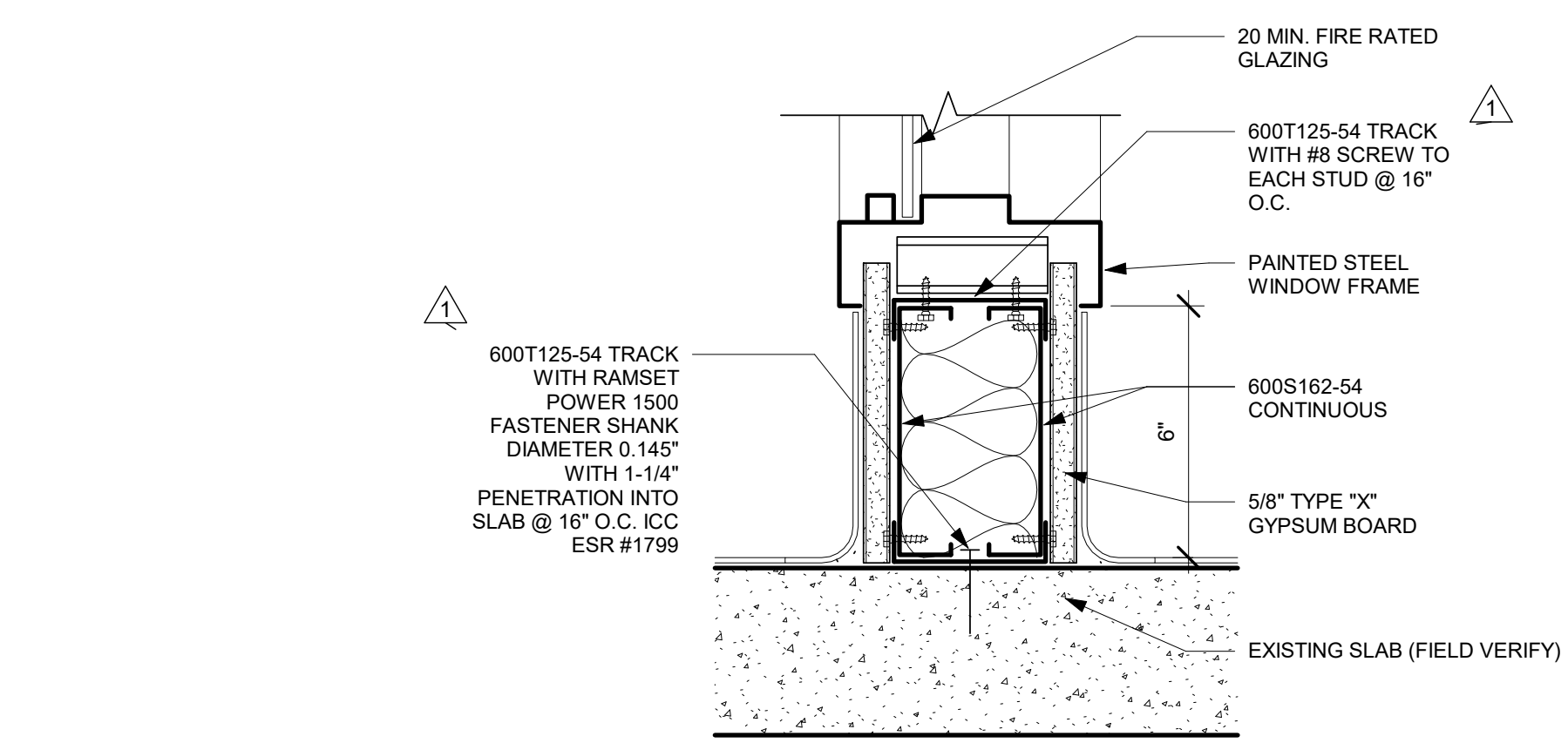
PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00 SHEET NUMBER:  
DRAWN BY: Author  
CHECKED BY: Checker  
SCALE: As indicated  
DATE: 08/03/16

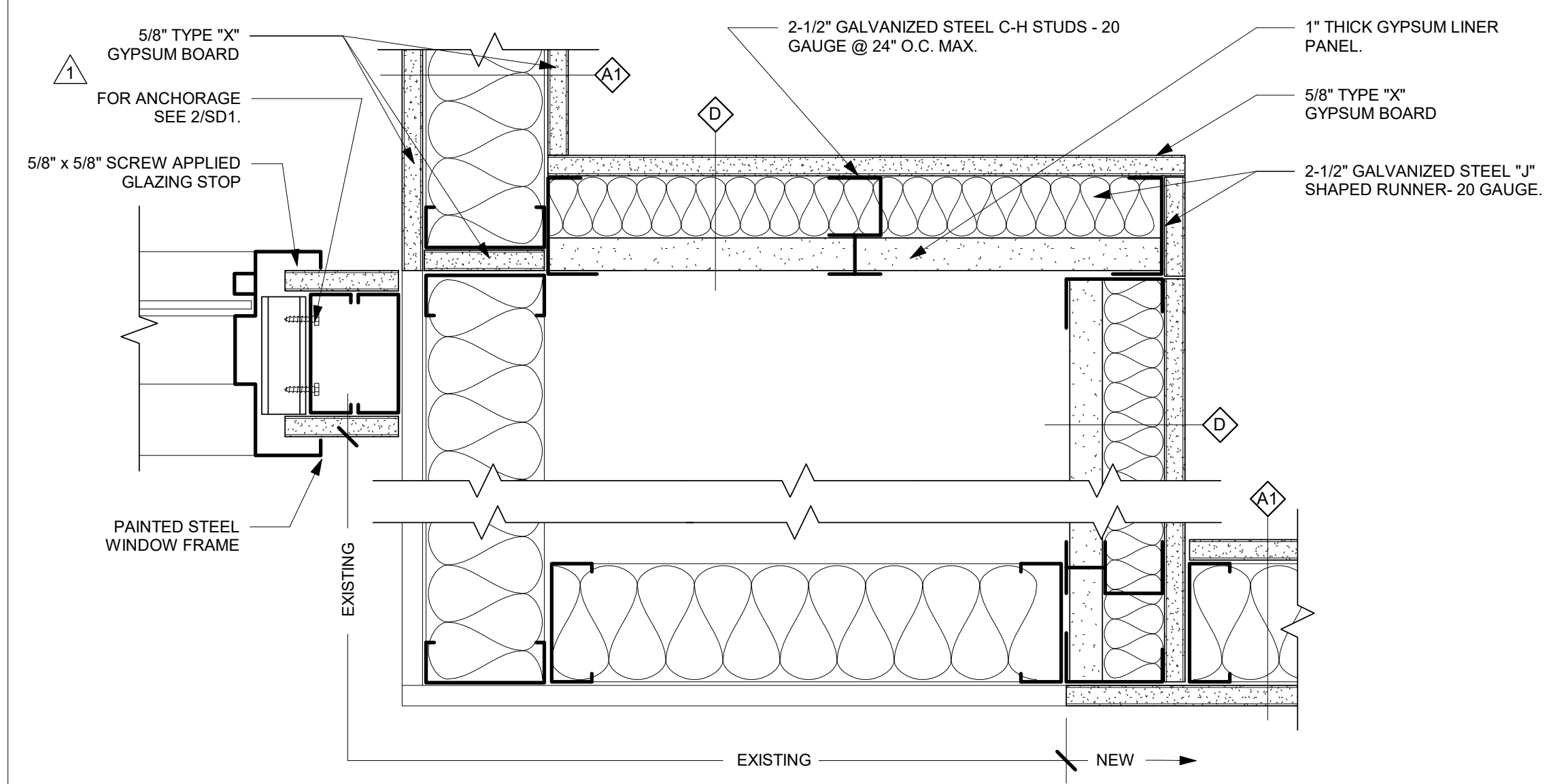
# A6-01



**3 REINSTALLED LOCKERS - MATCH EXISTING**  
1" = 1'-0"



**2 WINDOW SILL DETAIL**  
3" = 1'-0"



**1 WINDOW JAMB DETAIL #5**  
3" = 1'-0"

**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.

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 www.sfeirarch.com

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 DEPARTMENT**

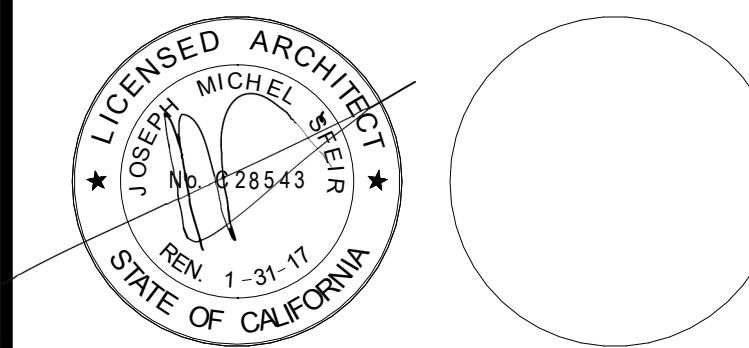
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 CENTER  
 4002 VISTA WAY  
 OCEANSIDE, CALIFORNIA  
 92056

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**EQUIPMENT PLAN  
 DETAILS AND SCHEDULE**

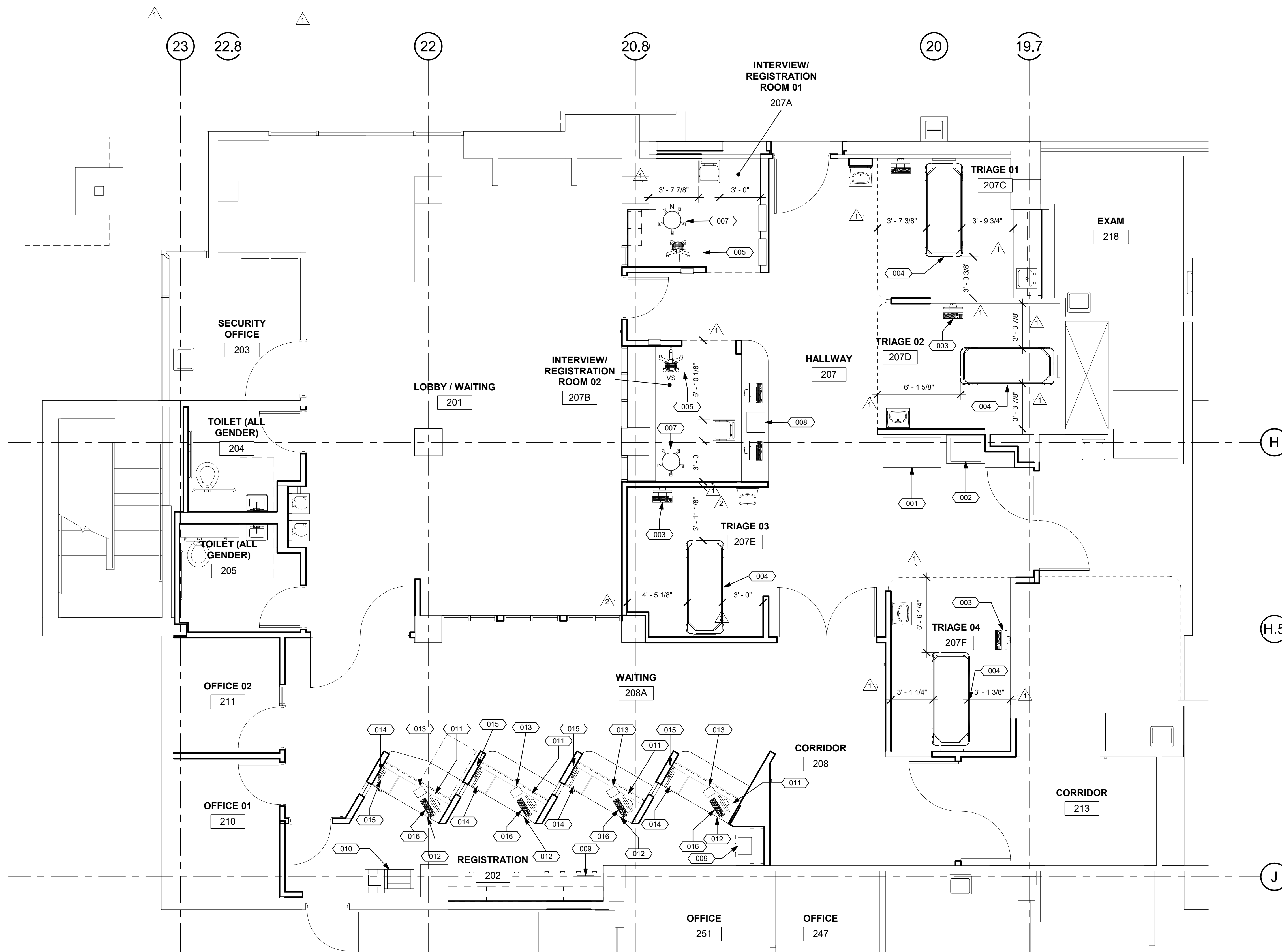
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PROJECT # 01593.00 SHEET NUMBER:  
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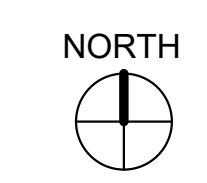
**A6-20**

**EQUIPMENT SCHEDULE**

EQUIPMENT #	DESCRIPTION	WEIGHT (APPROX.) LBS	HEIGHT	WIDTH	LENGTH	PLAN/ELEVATION	REMARKS	EXIS	NEW	OFOI	OFCI	CFCI	QUANTITY	VOLTAGE	EMERGENCY POWER	ELECTRICAL	HEAT	SEISMIC	PLUMBING
001	PYXIS CABINET	1000 LBS	6'-5 7/8"	26 3/4"	51.5"			X		X			1						
002	PYXIS DISPENSER	> 20 LBS	2'-3 1/4"	26 3/4"	20 7/8"			X		X			4						
003	WALL MTD. MONITOR & KEYBOARD	14.86 LBS	1'-7 1/8"	28.8"	11.1"			X		X			4						
004	GURNEY	300 LBS	1'-10 1/2"	33.5"	91"			X		X			2						
005	VITAL SIGNS	41.1 LBS	4'-8 3/8"	22"	22"			X		X			2						
007	ROLLING CHAIR							X					2						
008	PRINTER	17.2 LBS	7 1/2"	17.2"	11.7"			X					1						
009	PRINTER	17.2 LBS	7 1/2"	17.2"	11.7"			X					2						
010	PRINTER/FAX/COPIER	325.00 LBS	3'-9 3/4"	28.82"	23.15"			X					1						
011	MONITOR WITH STAND	7.93 LBS	1'-7 1/4"	15.19"	7.08"			X					6						
012	KEYBOARD		1 5/8"	17.9"	6.28"			X					6						
013	SCANNER	3.40 LBS	1 5/8"	14.60"	9.9"			X					4						
014	MONITOR WITHOUT STAND	9.26 LBS	1'-2 7/8"	22.13"	1.97"			X					4						
015	ARM WALL MOUNT FOR MONITOR	8.1 LBS	5 1/8"	0"	17"			X			X		4						
016	UNDER-DESK CPU HOLDER	10 LBS	1'-9 1/2"	5.5"	8.7"			X			X		4						
017	EAR & NOSE TESTING DEVICE	27.8 LBS	1'-0 7/8"	34.5"	10"			X			X		4						



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



**NOTES:**

1.

**FINISH LEGEND:**

**FLOORS:**

- SV-1 MANNINGTON SHEET VINYL "BUTTERMILK" 15360
- LVT-1 ARMSTRONG "ALLEGHENY SLATE - COPPER MOUNTAIN" #D4332 - 16"x16"
- LVT-2 EXISTING TO REMAIN
- CPT-1 MANNINGTON CLOSE KNIT II "TURKS & CAIGOS"
- PT-1 2"x2" PORCELAIN TILE

**DOOR & FRAME:**

- DR-1 ACROVYN DOOR: "AMBER CHERRY" 373
- FRAME: SHERWIN WILLIAMS SW 7032 "WARM STRONG BEIGE"

**BASE:**

- B-1 MANNINGTON SHEET VINYL "TOFFEE" - 6" INTEGRAL COVE
- B-2 6" BURKE BASE "ESPRESSO" 103
- B-3 MATCH EXISTING
- B-4 2"x2" PORCELAIN TILE COVE BASE 4" HIGH

**WALLS:**

- P-1 SHERWIN WILLIAMS SW 7002 "DOWNY"
- WC-1 ACROVYN #103 "BEIGE" - FULL HEIGHT
- WC-2 ACROVYN #933 "MISSION WHITE"
- WC-3 4"x4" PORCELAIN TILE TO 44" HIGH

**CEILINGS:**

- C-1 ACOUSTICAL CEILING PANEL 2X2 ARMSTRONG - TEGULAR ULTIMA SUSPENSION GRID SUPRAFINE XL 9/16"
- C-2 SHERWIN WILLIAMS SW 6119 "ANTIQUÉ WHITE"
- C-3 ACOUSTICAL CEILING PANEL - MATCH EXISTING
- C-4 GYPSUM BOARD - MATCH EXISTING PAINT COLOR

**CASEWORK LAMINATE & ALL EXPOSED SURFACES:**

- PL-1 WILSONART #7919K-78 "AMBER CHERRY"

**COUNTERTOPS:**

- SS-1 CORIAN "GRANOLA F"
- SS-2 GRANITE

**WINDOW SHADES:**

- WS-1 MANUFACTURER: MECHO SYSTEMS  
STYLE: MECHO / S  
FABRIC: THERMOVEIL 1010 2-3%  
OPEN COLOR: LIGHT GREY  
FACSA: 3-3/4" HIGH SQUARE METAL FASCIA PAINTED GREY.

**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.

**FINISH PLAN GENERAL NOTES:**

1. PATCH AND REPAIR FINISHES IN LIKE KIND WHERE AFFECTED BY NEW CONSTRUCTION ON EXISTING BUILDING FINISHES.
  2. ALL WINDOW COVERING TO BE CENTERED ON STOREFRONT AND INTALL PER MANUFACTURER'S REQUIREMENTS.
  3. REFER TO ENLARGE FLOOR PLANS FOR CORNER GUARDS, CRASH RAIL AND CHAIR RAIL LOCATIONS.
  4. REFER TO INTERIOR ELEVATIONS AND SHEET A5-80 FOR ALL CASEWORK FINISHES.
  5. CONTRACTOR SHALL SUBMIT SIX (6) COPIES OF MANUFACTURER'S SPECIFICATIONS AND INSTALLATION INSTRUCTIONS FOR ALL FLOORING, CEMENT LEVELING AND PATCHING MATERIALS. PERFORM STRICTLY IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. PROVIDE MAINTENANCE INFORMATION TO THE FACILITIES MAINTENANCE DEPARTMENT.
  6. PATCH AND REPAIR EXISTING SUB FLOOR SLAB AS REQUIRED TO PROVIDE A SMOOTH SURFACE FOR NEW FLOORING PER MANUFACTURER'S INSTALLATION REQUIREMENTS. PROVIDE SELF-LEVELING UNDERLAYMENT CONCRETE.
  7. FLOORING PREPARATION SHALL BE PERFORMED AS REQUIRED BY THE FLOOR FINISH MANUFACTURER IN A MANNER SUCH THAT THE MANUFACTURER'S PRODUCT WARRANTY WILL REMAIN IN EFFECT. IF FIELD CONDITIONS REQUIRE VARIATIONS FROM MANUFACTURER'S REQUIREMENTS, THE CONTRACTOR SHALL NOTIFY THE FACILITIES MANAGER IN WRITING DTD RECEIVE INSTRUCTIONS ON HOW TO PROCEED.
  8. ALL ADHESIVES FOR FINISH MATERIALS SHALL HAVE LOW VOC EMISSIONS. CONTRACTOR SHALL PROVIDE DIRECT VENTILATION TO PREVENT VOC'S OUT GASSING FROM ADHESIVES FROM ENTERING THE BUILDING HVAC SYSTEM AND AFFECTING THE OCCUPANTS OF THE BUILDING.
  9. CONTRACTOR TO PROVIDE TRANSITIONS BETWEEN FLOORING MATERIALS PER DETAILS ON SHEET A5-90. ALL TRANSITIONS LOCATED UNDER DOORS, TO BE CENTERED UNDER DOOR.
  10. DOOR SWING: CONTRACTOR SHALL INSTALL ALL NEW FLOORING SUCH THAT IT DOES NOT INTERFERE WITH EXISTING DOORS AND SUCH A WAY THAT EXISTING DOORS DO NOT TOUCH THE SURFACE OF NEW FLOORING. ANY PROBLEMATIC DOORS SHALL BE BROUGHT TO THE ATTENTION FO THE FACILITIES CONSTRUCTION REPRESENTATIVE PRIOR TO FLOORING PREPARATION.
  11. PERFORM CALCIUM CHLORIDE TEST FOR ALL SLAB SUBFLOORS WHERE SLAB IS NEW, OR ALL EXISTING SLAB ON GRADE LOCATIONS. WHERE EXISTING SLAB IS ABOVE GRADE, CONTRACTOR MAY LIMIT TESTING TO AREAS NEAR A SOURCE OF WATER SUCH AS AROUND PLUMBING LINES, SHOWER STALLS, ROOF DRAINS, ETC. WHERE MOISTURE IN THE SLAB EXCEEDS FINISH MATERIAL'S MANUFACTURER'S RECOMMENDATIONS. REFER TO NOTES ABOVE FOR MANUFACTURER'S WARRANTY REQUIREMENTS.
  12. CONTRACTOR TO INCLUDE ALLOWANCE FOR CONCRETE SLAB SEALER TO BE FURNISHED AND APPLIED UNDER ALL FLOOR FINISHES ON SLAB ON GRADE.
  13. CONTRACTOR SHALL VERIFY LEAD TIMES FOR ALL FINISH MATERIALS AND SHALL BE RESPONSIBLE TO HAVE ALL MATERIALS ON THE JOB SITE ON TIME. NO SUBSTITUTIONS SHALL BE MADE DUE TO LATE ORDERING OF MATERIALS.
  14. CONTINUE ALL FLOOR FINISHES UNDER ALL APPLIANCES AND REMOVABLE CABINETS AND EQUIPMENT.
- PAINT AND WALL FINISHES:**
15. PAINT FINISHES (SHEEN) AS FOLLOWS:  
WALLS: EGG SHELL SHEEN  
EXCEPTIONS SEMI GLOSS SHEEN AT: TOILETS PUBLIC AND LABS, FOOD SERVICE AREAS, TRASH AND UTILITY ROOMS.  
PAINTED DOORS & FRAMES: SEMI GLOSS  
CEILING AND SOFFITS: FLAT
- NOTE: REFER TO INTERIOR ELEVATIONS WHERE FOR LOCATIONS WHERE EPOXY PAINT IS REQUIRED.
16. SUBMIT ALL FINISH SAMPLES TO ARCHITECT FOR APPROVAL, INCLUDING DRAW DOWNS OF ALL PAINT COLORS IN ALL FINISH TYPES AS USED.
  17. PAINT ALL ACCESS PANELS TO MATCH ADJ. WALL SURFACE.
  18. PLASTER FINISH SHALL BE LEVEL FOR WHERE A PAINTED FINISH SURFACE IS SHOWN.
- RESILIENT FLOORING:**
19. ALL RESILIENT FLOORING INSTALLATIONS SHALL BE COMPLETED TO THE POINT READY FOR THE FIRST DAY OF USE AND IN AS NEW CONDITION. CLEAN CONSTRUCTION DUST AND DERBY, DAMP MOP AND APPLY A SEALER OR WAXED PER MANUFACTURER'S RECOMMENDATIONS FOR THE PRODUCT. FLOORING CONTRACTOR TO PROVIDE THE PRODUCT SPECIFICATION AND A RECOMMENDED REAPPLICATION TIME FOR THE SEALER OR WAX TO THE FACILITIES MAINTENANCE OFFICE.
  20. ALL SHEET GOODS OF RESILIENT FLOORING SHALL BE INSTALLED USING HEAT WELD SEAMS, WELDING RODS SHALL MATCH THE COLOR OF THE FLOORING MATERIAL UNLESS OTHERWISE NOTED ON THE FINISH PLAN OR LEGEND.
- CASEWORK AND MILL WORK:**
21. ALL CASEWORK AND MILL WORK TO CONFORM TO THE REQUIREMENTS OF THE LATEST EDITION OF W.I.C. FOR CUSTOM GRADE.
  22. WOOD SAMPLES PROVIDED TO THE CONTRACTOR ARE FOR COLOR ONLY. CONTRACTOR TO SUBMIT SAMPLES FOR ALL WOOD FINISHES FOR APPROVAL AND VERIFY SHEEN OF FINISH FOR ALL LOCATIONS OF STAINED WOOD FINISH. SUBMITTALS SHALL INCLUDE INFORMATION ON THE SPECIES OF WOOD USED, VENEER MATCHING PROPOSED AND CLEAR FINISH PROPOSED OVER THE STAIN.
  23. SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL CASEWORK AND MILL WORK.
- FLAME SPREAD:**
24. FLAME SPREAD OF FINISH MATERIALS: WALL, FLOOR AND CEILING SHALL NOT EXCEED THE FLAME SPREAD CLASSIFICATIONS IN CBC TABLE 803.5

S F E I R

ARCHITECTS

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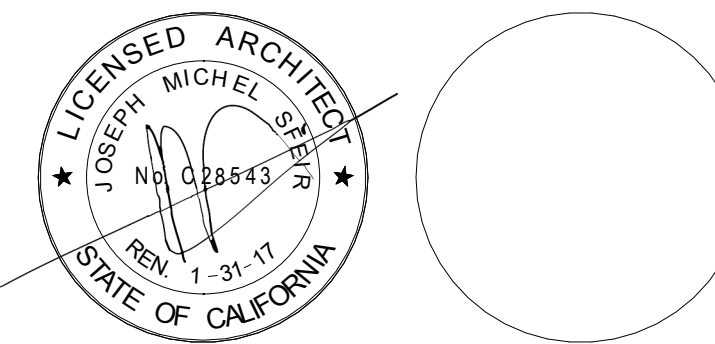
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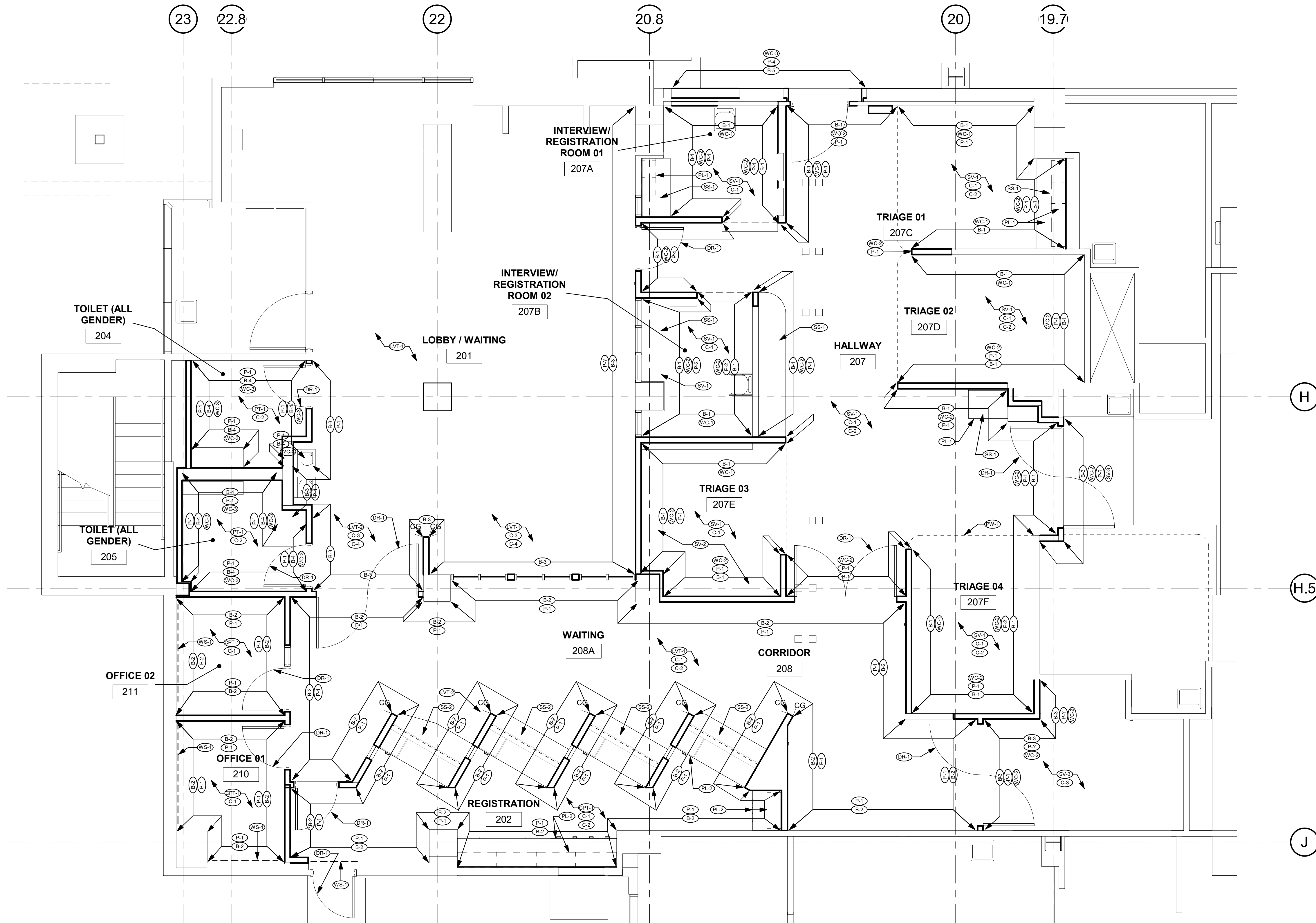
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**FINISHES FLOOR PLAN,  
GENERAL NOTES &  
LEGEND**

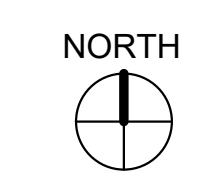
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**ID-1**



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





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EMERGENCY  
DEPARTMENT**

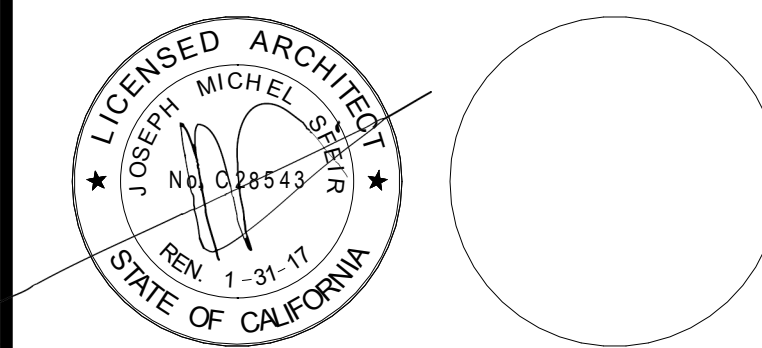
**TRI-CITY MEDICAL  
CENTER**  
4002 VISTA WAY  
OCEANSIDE, CALIFORNIA  
92056

OWNER: TRI-CITY MEDICAL CENTER  
4002 VISTA WAY  
OCEANSIDE, CALIFORNIA 92056  
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1350 COLUMBIA STREET, SUITE 603  
SAN DIEGO, CALIFORNIA 92101  
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  
9685 CHESAPEAKE DRIVE, SUITE 230  
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REVISION	DESCRIPTION	DATE
1	OSHPD COMMENTS	12/01/16
2	DESIGN CHANGES	12/01/16
3	OSHPD COMMENTS	02/15/17
4	DESIGN CHANGES	02/15/17
5	OSHPD COMMENTS	08/11/17

REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD # S162093-37-00

**FINISH NOTES AND  
DETAILS**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00  
DRAWN BY: Author  
CHECKED BY: Checker  
SCALE: As indicated  
DATE: 08/03/16

SHEET NUMBER:  
**ID-2**

**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.

**FINISH PLAN GENERAL NOTES:**

- PATCH AND REPAIR FINISHES IN LIKE KIND WHERE AFFECTED BY NEW CONSTRUCTION ON EXISTING BUILDING FINISHES.
- ALL WINDOW COVERING TO BE CENTERED ON STOREFRONT AND INTALL PER MANUFACTURER'S REQUIREMENTS.
- REFER TO ENLARGE FLOOR PLANS FOR CORNER GUARDS, CRASH RAIL AND CHAIRD RAIL LOCATIONS.
- REFER TO INTERIOR ELEVATIONS AND SHEET A5-80 FOR ALL CASEWORK FINISHES.
- CONTRACTOR SHALL SUBMIT SIX (6) COPIES OF MANUFACTURER'S SPECIFICATIONS AND INSTALLATION INSTRUCTIONS FOR ALL FLOORING, CEMENT LEVELING AND PATCHING MATERIALS. PERFORM STRICTLY IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. PROVIDE MAINTENANCE INFORMATION TO THE FACILITIES MAINTENANCE DEPARTMENT.
- PATCH AND REPAIR EXISTING SUB FLOOR SLAB AS REQUIRED TO PROVIDE A SMOOTH SURFACE FOR NEW FLOORING PER MANUFACTURER'S INSTALLATION REQUIREMENTS. PROVIDE SELF-LEVELING UNDERLAYMENT CONCRETE.
- FLOORING PREPARATION SHALL BE PERFORMED AS REQUIRED BY THE FLOOR FINISH MANUFACTURER IN A MANNER SUCH THAT THE MANUFACTURER'S PRODUCT WARRANTY WILL REMAIN IN EFFECT. IF FIELD CONDITIONS REQUIRE VARIATIONS FROM MANUFACTURER'S REQUIREMENTS, THE CONTRACTOR SHALL NOTIFY THE FACILITIES MANAGER IN WRITING DTO RECEIVE INSTRUCTIONS ON HOW TO PROCEED.
- ALL ADHESIVES FOR FINISH MATERIALS SHALL HAVE LOW VOC EMISSIONS. CONTRACTOR SHALL PROVIDE DIRECT VENTILATION TO PREVENT VOC'S OUT GASSING FROM ADHESIVES FROM ENTERING THE BUILDING HVAC SYSTEM AND AFFECTING THE OCCUPANTS OF THE BUILDING.
- CONTRACTOR TO PROVIDE TRANSITIONS BETWEEN FLOORING MATERIALS PER DETAILS ON SHEET A5-90. ALL TRANSITIONS LOCATED UNDER DOORS, TO BE CENTERED UNDER DOOR.
- DOOR SWING: CONTRACTOR SHALL INSTALL ALL NEW FLOORING SUCH THAT IT DOES NOT INTERFERE WITH EXISTING DOORS AND SUCH A WAY THAT EXISTING DOORS DO NOT TOUCH THE SURFACE OF NEW FLOORING. ANY PROBLEMATIC DOORS SHALL BE BROUGHT TO THE ATTENTION FO THE FACILITIES CONSTRUCTION REPRESENTATIVE PRIOR TO FLOORING PREPARATION.
- PERFORM CALCIUM CHLORIDE TEST FOR ALL SLAB SUBFLOORS WHERE SLAB IS NEW, OR ALL EXISTING SLAB ON GRADE LOCATIONS. WHERE EXISTING SLAB IS ABOVE GRADE, CONTRACTOR MAY LIMIT TESTING TO AREAS NEAR A SOURCE OF WATER SUCH AS AROUND PLUMBING LINES, SHOWER STALLS, ROOF DRAINS, ETC. WHERE MOISTURE IN THE SLAB EXCEEDS FINISH MATERIAL'S MANUFACTURER'S RECOMMENDATIONS, REFER TO NOTES ABOVE FOR MANUFACTURER'S WARRANTY REQUIREMENTS.
- CONTRACTOR TO INCLUDE ALLOWANCE FOR CONCRETE SLAB SEALER TO BE FURNISHED AND APPLIED UNDER ALL FLOOR FINISHES ON SLAB ON GRADE.
- CONTRACTOR SHALL VERIFY LEAD TIMES FOR ALL FINISH MATERIALS AND SHALL BE RESPONSIBLE TO HAVE ALL MATERIALS ON THE JOB SITE ON TIME. NO SUBSTITUTIONS SHALL BE MADE DUE TO LATE ORDERING OF MATERIALS.
- CONTINUE ALL FLOOR FINISHES UNDER ALL APPLIANCES AND REMOVABLE CABINETS AND EQUIPMENT.

**PAINT AND WALL FINISHES:**

- PAINT FINISHES (SHEEN) AS FOLLOWS:  
WALLS: EGG SHELL SHEEN  
EXCEPTIONS SEMI GLOSS SHEEN AT: TOILETS PUBLIC AND LABS, FOOD SERVICE AREAS, TRASH AND UTILITY ROOMS, PAINTED DOORS & FRAMES; SEMI GLOSS  
CEILING AND SOFFITS: FLAT

NOTE: REFER TO INTERIOR ELEVATIONS WHERE FOR LOCATIONS WHERE EPOXY PAINT IS REQUIRED.

- SUBMIT ALL FINISH SAMPLES TO ARCHITECT FOR APPROVAL, INCLUDING DRAW DOWNS OF ALL PAINT COLORS IN ALL FINISH TYPES AS USED.

- PAINT ALL ACCESS PANELS TO MATCH ADJ. WALL SURFACE.
- PLASTER FINISH SHALL BE LEVEL FOR WHERE A PAINTED FINISH SURFACE IS SHOWN.

**RESILIENT FLOORING:**

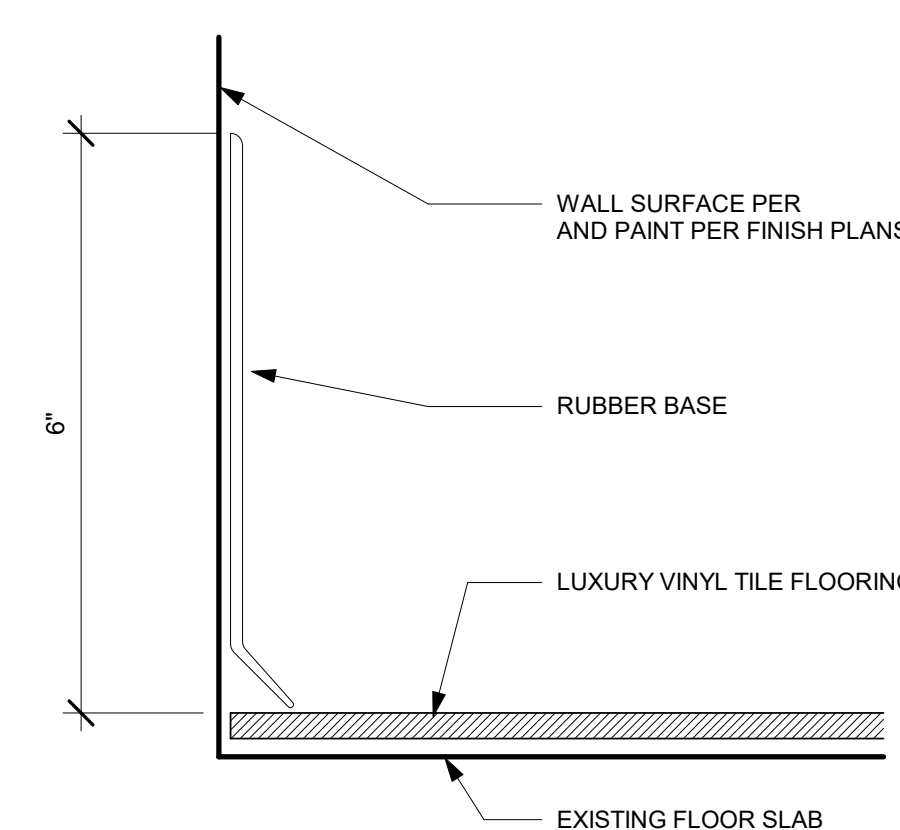
- ALL RESILIENT FLOORING INSTALLATIONS SHALL BE COMPLETED TO THE POINT READY FOR THE FIRST DAY OF USE AND IN AS NEW CONDITION, CLEAN CONSTRUCTION DUST AND DEBRIS, DAMP MOP AND APPLY A SEALER OR WAXED PER MANUFACTURER'S RECOMMENDATIONS FOR THE PRODUCT. FLOORING CONTRACTOR TO PROVIDE THE PRODUCT SPECIFICATION AND A RECOMMENDED REAPPLICATION TIME FOR THE SEALER OR WAX TO THE FACILITIES MAINTENANCE OFFICE.
- ALL SHEET GOODS OF RESILIENT FLOORING SHALL BE INSTALLED USING HEAT WELD SEAMS, WELDING RODS SHALL MATCH THE COLOR OF THE FLOORING MATERIAL UNLESS OTHERWISE NOTED ON THE FINISH PLAN OR LEGEND.

**CASEWORK AND MILL WORK:**

- ALL CASEWORK AND MILL WORK TO CONFORM TO THE REQUIREMENTS OF THE LATEST EDITION OF W.I.C. FOR CUSTOM GRADE.
- WOOD SAMPLES PROVIDED TO THE CONTRACTOR ARE FOR COLOR ONLY. CONTRACTOR TO SUBMIT SAMPLES FOR ALL WOOD FINISHES FOR APPROVAL AND VERIFY SHEEN OF FINISH FOR ALL LOCATIONS OF STAINED WOOD FINISH. SUBMITTALS SHALL INCLUDE INFORMATION ON THE SPECIES OF WOOD USED, VENEER MATCHING PROPOSED AND CLEAR FINISH PROPOSED OVER THE STAIN.
- SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL CASEWORK AND MILL WORK.

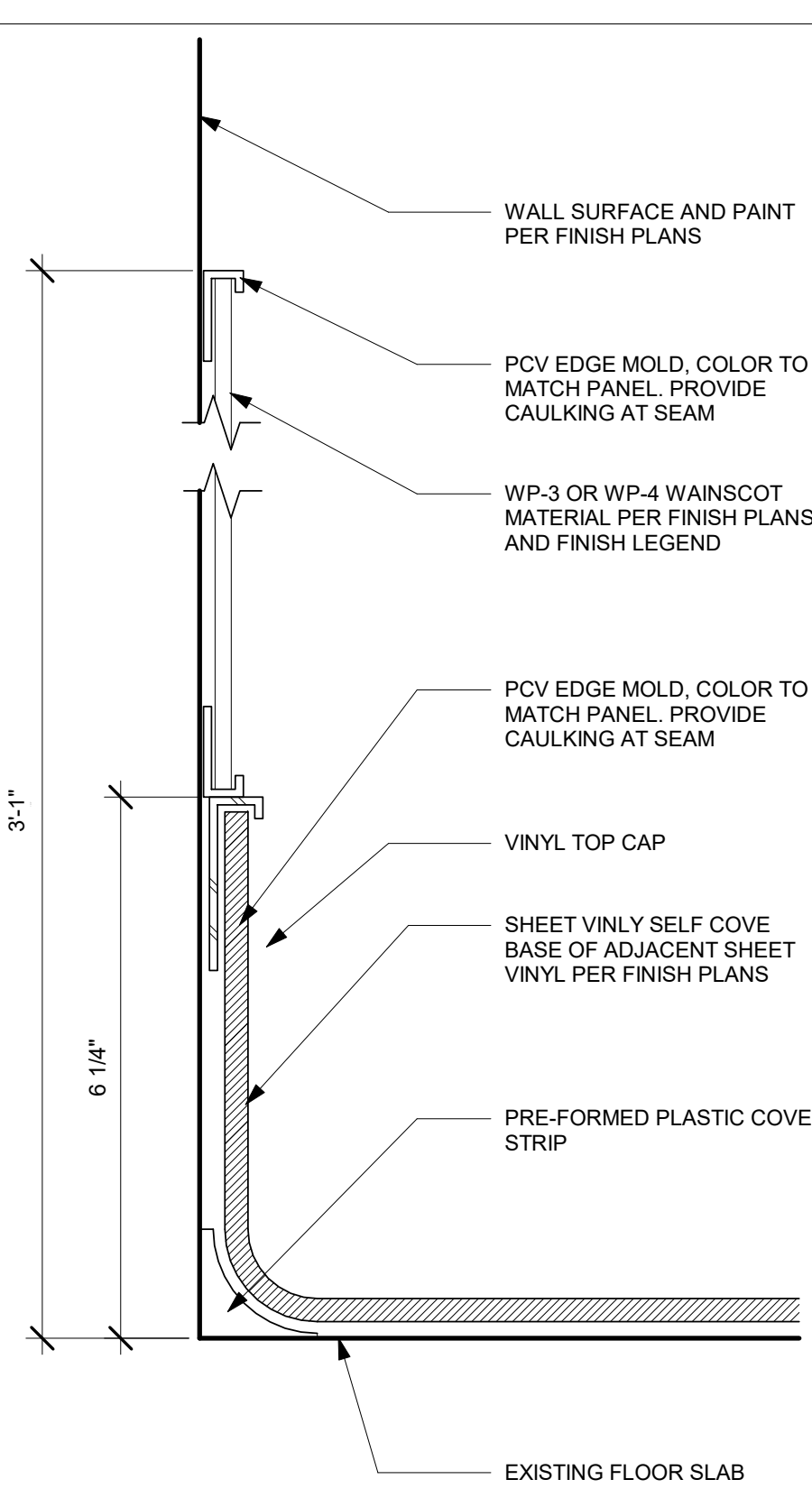
**FLAME SPREAD:**

- FLAME SPREAD OF FINISH MATERIALS: WALL, FLOOR AND CEILING SHALL NOT EXCEED THE FLAME SPREAD CLASSIFICATIONS IN CBC TABLE 803.5

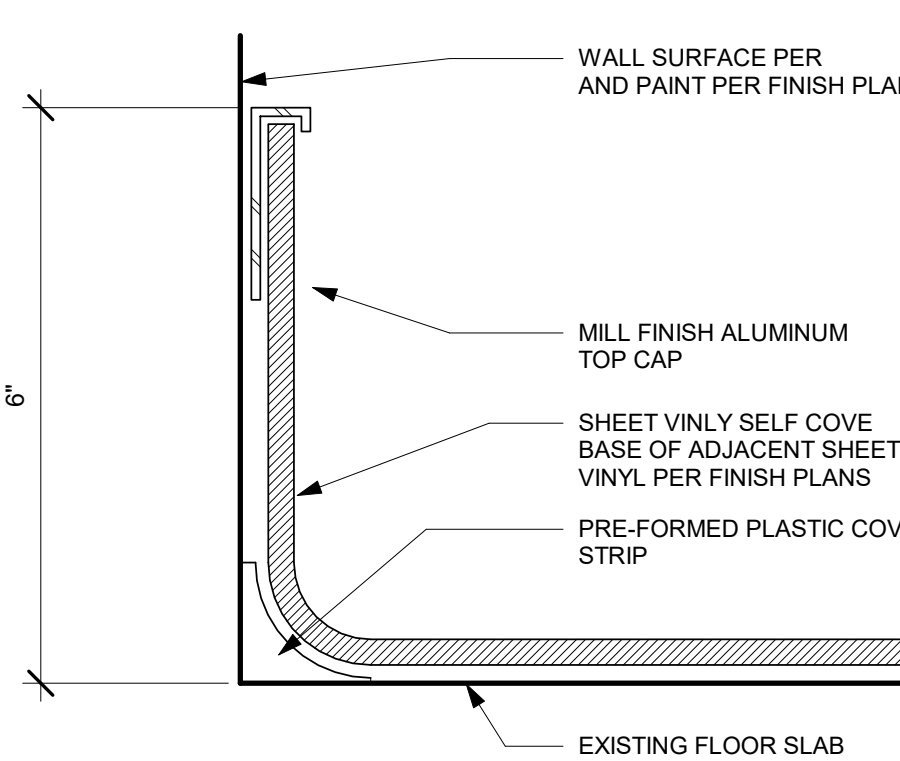


- NOTES:
- STANDARD FINISH BASE DETAIL, APPLY AT ALL LOCATIONS RUBBER BASE, LOCATIONS PER FINISH PLANS.

**3 LUXURY VINYL TILE COVE BASE**  
6" = 1'-0"

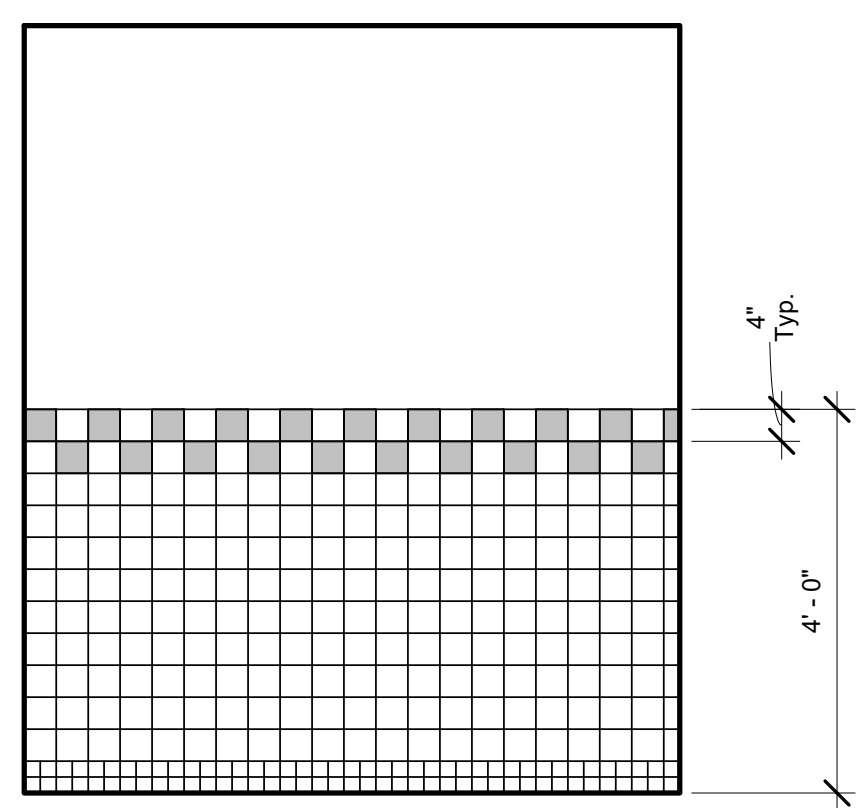


**2 WALL PROTECTION DETAIL**  
6" = 1'-0"

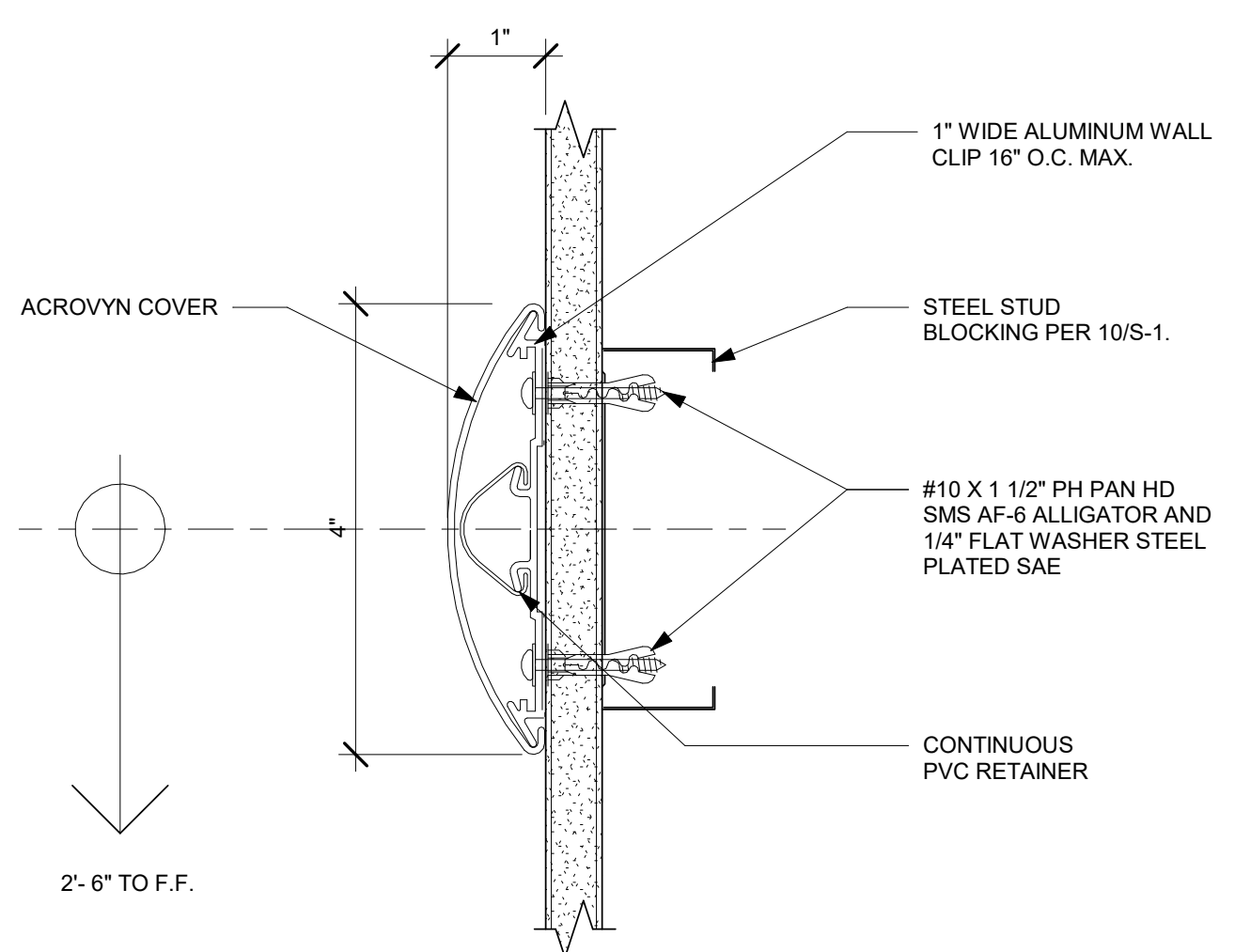


- NOTES:
- STANDARD FINISH BASE DETAIL, APPLY AT ALL LOCATIONS RESILIENT SELF COVE BASE LOCATIONS PER FINISH PLANS.

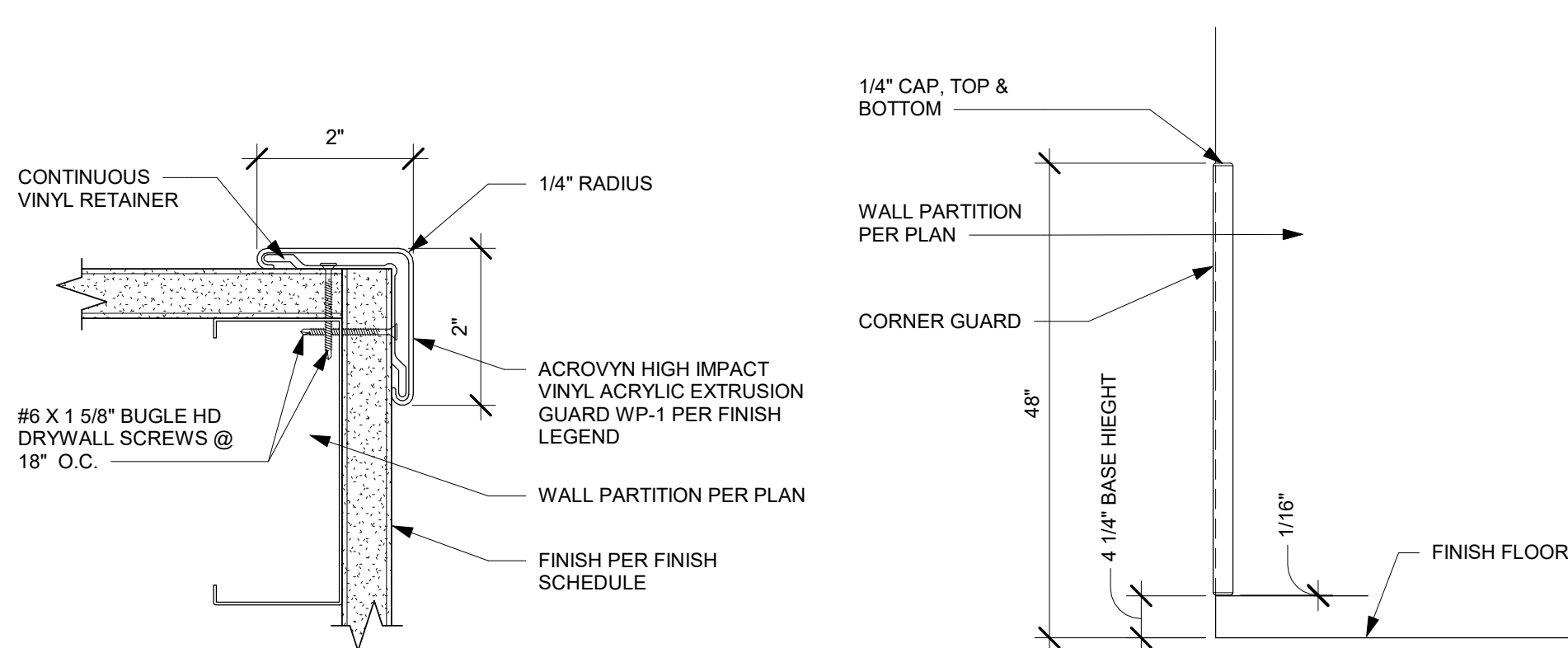
**1 SHEET VINYL COVE BASE**  
6" = 1'-0"



**6 PORCELAIN TILE WAINSCOT**  
1/2" = 1'-0"



**5 CRASH RAIL**  
6" = 1'-0"



CORNER GUARD MOUNTING HEIGHT (NTS)

**4 CORNER GUARD**  
6" = 1'-0"

# TCMC EMERGENCY DEPARTMENT

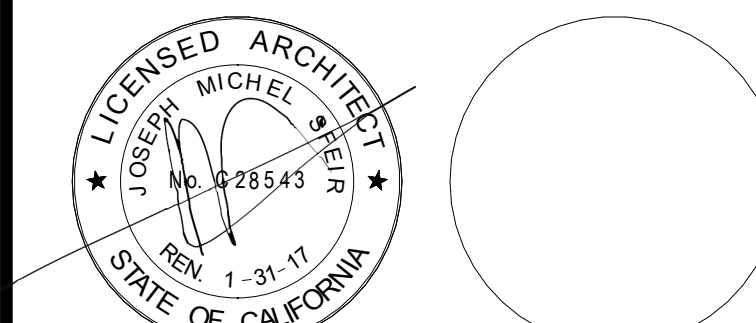
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1	OSHPD COMMENTS	12/01/16
2	DESIGN CHANGES	12/01/16
3	OSHPD COMMENTS	02/15/17
4	DESIGN CHANGES	02/15/17
5	OSHPD COMMENTS	08/11/17

REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

SHEET TITLE:  
**FINISHES FLOOR PLAN,  
STAFF LOCKERS**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00 SHEET NUMBER:  
DRAWN BY: Author  
CHECKED BY: Checker  
SCALE: As indicated  
DATE: 08/03/16

**ID-3**

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### FLAME SPREAD:

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## NOTES:

- 

## FINISH LEGEND:

### FLOORS:

- SV-1 MANNINGTON SHEET VINYL "BUTTERMILK" 15360
- LVT-1 ARMSTRONG "ALLEGHENY SLATE - COPPER MOUNTAIN" #D4332 - 18"x18"
- LVT-2 EXISTING TO REMAIN
- CPT-1 MANNINGTON CLOSE KNIT II "TURKS & CAIGOS"
- PT-1 2"x2" PORCELAIN TILE

### DOOR & FRAME:

- DR-1 ACROVYN DOOR: "AMBER CHERRY" 373
- FRAME: SHERWIN WILLIAMS SW 7032 "WARM STRONG BEIGE"

### BASE:

- B-1 MANNINGTON SHEET VINYL "TOFFEE" - 6" INTEGRAL COVE
- B-2 6" BURKE BASE "ESPRESSO" 103
- B-3 MATCH EXISTING
- B-4 2"x2" PORCELAIN TILE COVE BASE 4" HIGH

### WALLS:

- P-1 SHERWIN WILLIAMS SW 7002 "DOWNY"
- WC-1 ACROVYN #103 "BEIGE" - FULL HEIGHT
- WC-2 ACROVYN #933 "MISSION WHITE"
- WC-3 4"x4" PORCELAIN TILE TO 44" HIGH

### CEILING:

- C-1 ACOUSTICAL CEILING PANEL 2X2 ARMSTRONG - REGULAR ULTIMA SUSPENSION GRID SUPRAFINE XL 9/16"
- C-2 SHERWIN WILLIAMS SW 6119 "ANTIQUUE WHITE"
- C-3 ACOUSTICAL CEILING PANEL - MATCH EXISTING
- C-4 GYPSUM BOARD - MATCH EXISTING PAINT COLOR

### CASEWORK LAMINATE & ALL EXPOSED SURFACES:

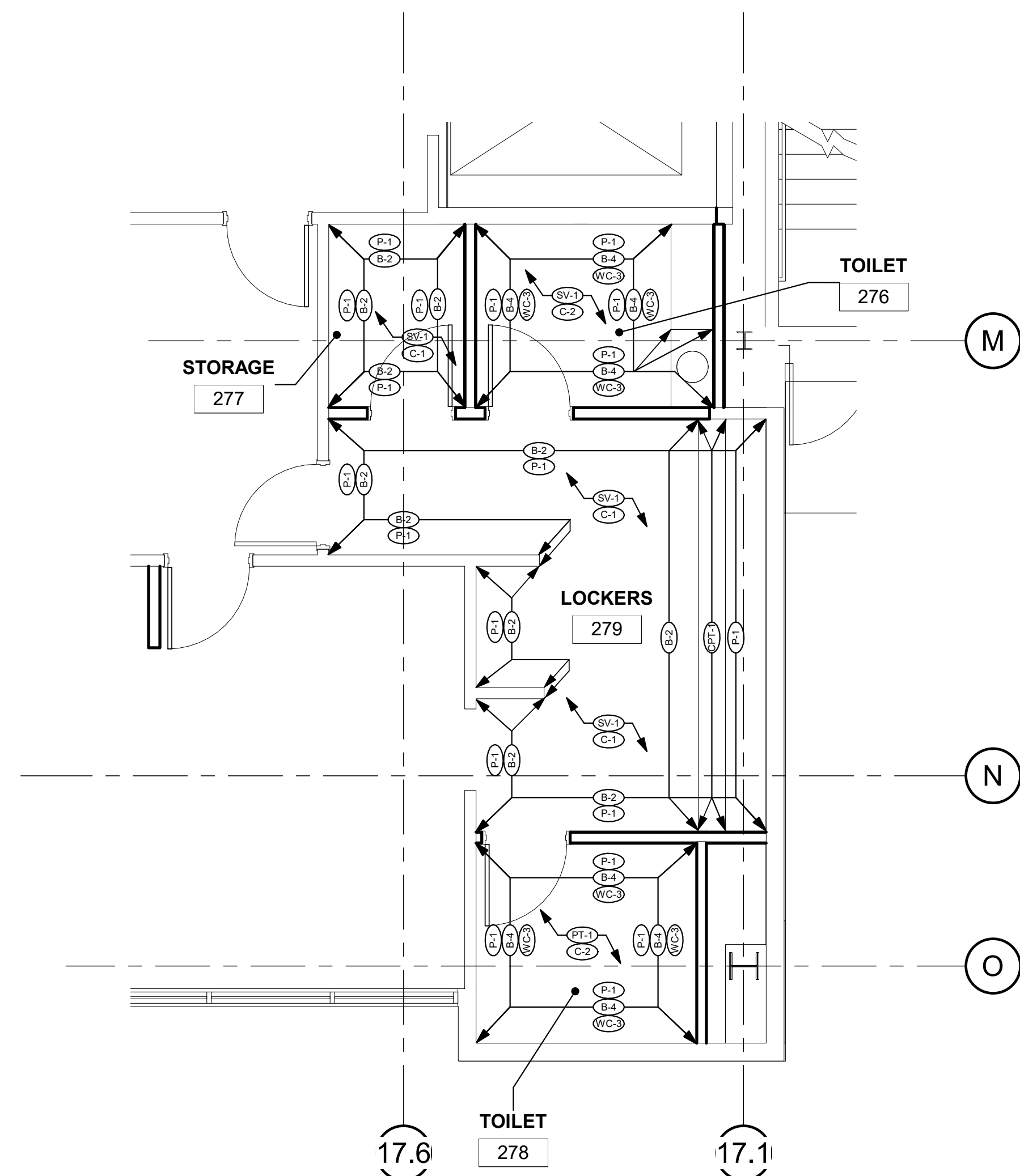
- PL-1 WILSONART #7919K-78 "AMBER CHERRY"

### COUNTERTOPS:

- SS-1 CORIAN "GRANOLA F"
- SS-2 GRANITE

### WINDOW SHADES:

- WS-1 MANUFACTURER: MECHO SYSTEMS MECHO / S  
STYLE: THERMOVEIL 1010 2-3%  
FABRIC: LIGHT GREY  
OPEN COLOR:  
FACIA: 3-3/4" HIGH SQUARE METAL FACIA PAINTED GREY.



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

TCMC  
EMERGENCY  
DEPARTMENT

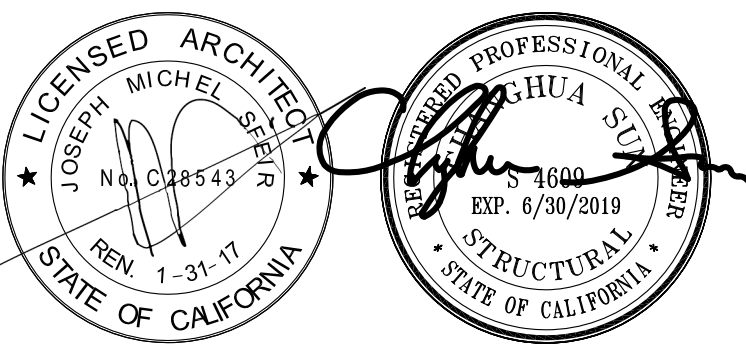
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1	OSHPD COMMENTS	11/18/16
2	DESIGN CHANGES	11/18/16
3	OSHPD COMMENTS	02/15/17
4	DESIGN CHANGES	06/23/17
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REV: DESCRIPTION: DATE:

CONSULTANT:  
**SUN Structural Engineering, Inc.**  
Consulting Structural Engineers  
2091 Las Palmas Dr., Suite D  
Carlsbad, California 92011  
Tel: 760-438-1188  
www.sunse-inc.com

OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

SHEET TITLE:  
**GENERAL NOTES  
TYPICAL DETAILS**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT #: 01593.00 SHEET NUMBER:  
DRAWN BY: Author  
CHECKED BY: Checker  
SCALE:

DATE:  
08/03/16

S-I

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, SITE CONDITIONS PRIOR TO STARTING CONSTRUCTION. THE ARCHITECT AND STRUCTURAL ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES.
2. THE ARCHITECT AND STRUCTURAL ENGINEER SHALL BE NOTIFIED OF ANY CONFLICTS OR OMISSIONS BETWEEN THE WORKING DRAWINGS OR SPECIFICATIONS BEFORE PROCEEDING ANY WORK SO AFFECTED. A CLARIFICATION SHALL BE ISSUED FOR SUCH CONFLICTS. ANY WORK PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS OR ANY CODE REQUIREMENTS SHALL BE CORRECTED BY THE ARCHITECT AND STRUCTURAL ENGINEER.
3. THE STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR CONSTRUCTION REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES INCLUDE, BUT NOT LIMITED TO, BRACING, SHORING, TO INSURE THE VERTICAL AND LATERAL STABILITY OF THE STRUCTURE. OBSERVATION VISITS TO THE SITE BY THE ARCHITECT AND STRUCTURAL ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS AND DOES NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITIES.
4. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS. THE ARCHITECT AND STRUCTURAL ENGINEER WILL NOT ENFORCE SAFETY MEASURES OR REGULATIONS.
5. NOTES AND DETAILS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER THE GENERAL NOTES AND TYPICAL DETAILS. DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALES SHOWN ON THE DRAWINGS IN CASE OF CONFLICT.
6. ALL WORKS SHALL CONFORM TO THE STANDARDS OF THE 2013 CALIFORNIA BUILDING CODE.
7. A.S.T.M. SPECIFICATIONS NOTED ON THE DRAWINGS SHALL BE OF THE LATEST REVISION.
8. NO STRUCTURAL SUBSTITUTIONS OR CHANGES SHALL BE MADE IN THE FIELD. WRITTEN APPROVAL MUST BE OBTAINED FROM THE STRUCTURAL ENGINEER AND OSHPD FOR ANY SUBSTITUTIONS OR CHANGES FROM THE APPROVED CONSTRUCTION DOCUMENTS.
9. CONTRACTOR SHALL PROVIDE AND BE RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ADJACENT EXISTING SURFACES AND AREAS WHICH MAY BE DAMAGED AS A RESULT OF NEW WORK.

EXPANSION ANCHOR BOLTS

1. ALL FIELD INSTALLED CONCRETE EXPANSION ANCHORS SHALL BE HILTI KB-TZ ANCHORS.  
ANCHOR TYPE: ICC-ES ESR#  
3/8" HILTI KB TZ 1917
2. ALL ANCHORS SHALL BE TESTED BASED ON THE FOLLOWING CRITERIA:  
ANCHOR TYPE TORQUE ICC-ES ESR#  
3/8" HILTI KB TZ ANCHOR 25 FT-LBS 1917

MINIMUM ANCHOR EMBEDMENT SHALL BE 2" FOR 3/8" (INSTALLED IN NORMAL WT. CONCRETE WITH  $f_c' = 3000$  PSI)  
WHEN INSTALLING DRILLED-IN ANCHORS AND/OR POWDER DRIVEN PINS IN EXISTING NON-PRESTRESSED REINFORCED CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS OR EMBEDDED PIPES AND CONDUITS IN THE SLAB BY USING A NON DESTRUCTIVE METHOD PRIOR TO INSTALLATION WHEN INSTALLING THEM INTO PRESTRESSED CONCRETE (PRE OR POST TENSIONED) LOCATED THE PRESTRESSED TENDONS BY USING A NON DESTRUCTIVE METHOD PRIOR TO INSTALLATION. EXERCISE EXTREME CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE TENDONS DURING INSTALLATION.  
MAINTAIN 1" MINIMUM CLEARANCE BETWEEN EXISTING REINFORCEMENT AND THE EPOXY ANCHOR

APPLY PROOF TEST LOADS TO EPOXY ANCHORS WITHOUT REMOVING THE NUT IF POSSIBLE. OTHERWISE, REMOVE THE NUT AND INSTALL A THREADED COUPLER UP TO THE SAME TIGHTNESS OF THE ORIGINAL NUT USING A TORQUE WRENCH AND APPLY THE LOAD.

TESTING SHOULD OCCUR A MINIMUM 24 HOURS AFTER INSTALLATION OF THE SUBJECTED ANCHORS. IF THE MANUFACTURER'S RECOMMENDED INSTALLATION TORQUE IS LESS THAN THE TEST TORQUE, THE MANUFACTURER'S RECOMMENDED INSTALLATION TORQUE SHOULD BE USED IN LIEU OF THE TEST TORQUE. ANCHOR DIAMETER REFERS TO THE THREAD SIZE.

REACTION LOADS FROM TEST FIXTURES MAY BE APPLIED CLOSE TO THE ANCHOR BEING TESTED. PROVIDE THE ANCHOR IS NOT RESTRAINED FROM WITHDRAWING BY THE FIXTURE.

TEST EQUIPMENT INCLUDING TORQUE WRENCHES SHALL BE CALIBRATED BY AN APPROVED TESTING LABORATORY IN ACCORDANCE WITH STANDARD RECOGNIZED PROCEDURES.

TEST METHODS: THE FOLLOWING CRITERIA APPLY FOR THE ACCEPTANCE OF INSTALLED ANCHORS:

A). HYDRAULIC RAM METHOD:  
ANCHORS TESTED WITH A HYDRAULIC JACK OR SPRING LOADED DEVICES SHALL MAINTAIN THE TEST LOAD FOR MINIMUM OF 15 SECONDS AND SHALL EXHIBIT NO DISCREPABLE MOVEMENT DURING THE TENSION TEST, E.G., AS EVIDENCED BY LOSING OF THE WASHER UNDER NUT.

B). TORQUE WRENCH METHOD:  
ANCHORS TESTED WITH A CALIBRATED TORQUE WRENCH MUST ATTAIN THE SPECIFIED TORQUE WITHIN  $\frac{1}{2}$  TURN OF THE NUT.

EXCEPTIONS:  
1. WOODS OR SLEEVE TYPE:  
ONE-QUARTER ( $\frac{1}{4}$ ) TURN OF THE NUT FOR A  $\frac{1}{2}$  IN. SLEEVE ANCHOR ONLY.  
2. THREADED TYPE:  
ONE QUARTER ( $\frac{1}{4}$ ) TURN OF THE SCREW AFTER INITIAL SEATING OF THE SCREW HEAD.

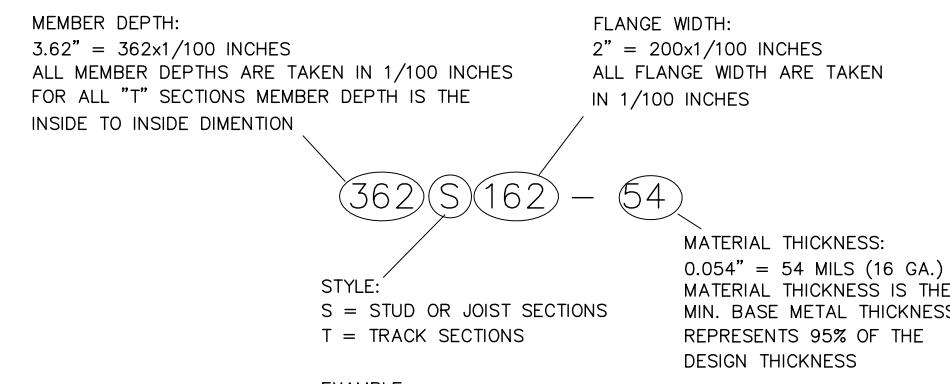
TESTING SHOULD OCCUR 24 HOURS MINIMUM AFTER INSTALLATION OF THE EPOXY ANCHOR.

MINIMUM OF 50% OF THE INSTALLED ANCHOR SHALL BE TESTED. (ALTERNATE ANCHORS IN ANY GROUP ARRANGEMENT) IF ANY ANCHOR FAILS TESTING, TEST ALL ANCHORS OF THE SAME TYPE, INSTALLED BY THE SAME TRADE, NOT PREVIOUSLY TESTED UNTIL TWENTY (20) CONSECUTIVE ANCHORS PASS, THEN RESUME THE INITIAL TEST FREQUENCY. TESTS SHALL BE PERFORMED PER CBC 2013, 1917A.7.

ALL TESTS SHALL BE PERFORMED IN THE PRESENCE OF THE INSPECTOR OF RECORD.

COLD-FORMED STEEL FRAMING

1. DESIGN, MANUFACTURE AND INSTALLATION OF LIGHT GAUGE, COLD-FORMED STEEL JOISTS, PURLINS AND STUDS SHALL CONFORM WITH THE LATEST EDITION OF THE LIGHT GAUGE, COLD-FORMED STEEL DESIGN MANUAL ISSUED BY THE AISI.
2. STRUCTURAL LIGHT GAUGE STUDS, TRACK, BRIDGING, AND ACCESSORIES SHALL COMPLY WITH STEEL STUD MANUFACTURERS ASSOCIATION ICBO ER-4943P STRUCTURAL LIGHT GAUGE CH STUDS, J RUNNER TRACK, AND ACCESSORIES SHALL COMPLY WITH DIETRICH METAL FRAMING ICC-ESR# 1166P
3. ALL WELDING SHALL BE IN CONFORMANCE WITH AWS D11.3 "STRUCTURAL WELDING CODE - SHEET STEEL QUALIFICATION OF WELDERS SHALL BE IN ACCORDANCE WITH AWS D11.1 CHAPTER 5, PART C, "WELDER QUALIFICATION" - SEE LATEST EDITION OF THE AISI SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS FOR ALLOWABLE WELD VALUES.
4. FRAMING SHALL BE ERECTED PLUMB, LEVEL AND SQUARE. BRIDGING AND DIAGONAL TENSION STRAPS SHALL BE USED.
5. TEMPORARY BRACING SHALL BE PROVIDED AS REQUIRED UNTIL ERECTION IS COMPLETE AND SAFELY SECURED TO STRUCTURE.
6. COLD-FORMED STEEL YIELD STRENGTH ( $f_y$ ) IS 33 KSI. IDENTIFICATION OF SSMA PRODUCTS



IDENTIFICATION	MEMBER DEPTH	FLANGE WIDTH	MATERIAL THICKNESS
362S200-54	3.62"	2"	16 GA.
362S162-54	3.62"	1.625"	16 GA.
362T125-54	3.62"	1.25"	16 GA.
362T125-43	3.62"	1.25"	18 GA.
400S162-54	4"	1.625"	16 GA.
600S200-54	6"	2"	16 GA.
600T125-54	6"	1.25"	16 GA.
600T200-54	6"	2"	16 GA.

STRUCTURAL STEEL:

STRUCTURAL STEEL SHALL COMPLY WITH THE FOLLOWING U.N.O.:  
STEEL CHANNELS AND ANGLES ASTM A36  
STEEL TUBES A500, GRADE B  
STEEL PLATE ASTM A36  
STEEL BOLT ASTM A307

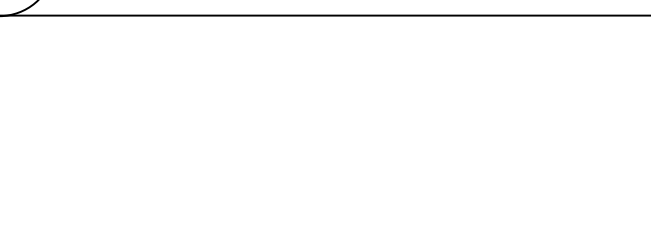
ALL STEEL MEMBERS TO BE PRIME PAINTED.

SEISMIC LOAD

SITE LOCATION:  
LONGITUDE: 117.29178° WEST, LATITUDE: 33.18425° NORTH  
DESIGN SPECTRAL RESPONSE ACCELERATION:  
 $S_{DS} = 0.780$ ,  $S_{D1} = 0.435$   
SEISMIC IMPORTANCE FACTOR:  $I_p = 1.5$   
SEISMIC FORCE COEFFICIENTS:  
 $\alpha_p = 1.0$ ,  $R_p = 2.5$   
SEISMIC DESIGN CATEGORY "D"

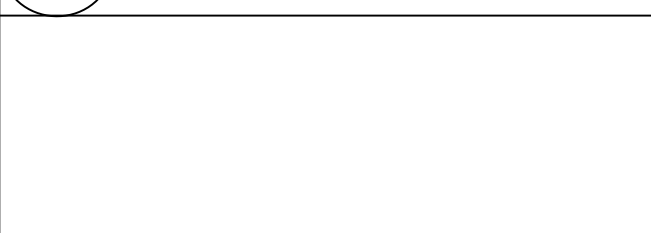
1 BLOCKING AT PARTITION

SCALE: NTS



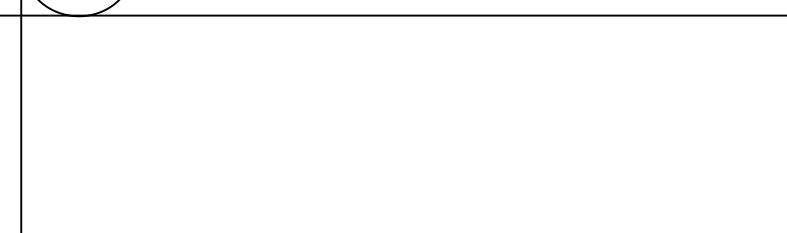
2 CORNER FRAMING

SCALE: NTS



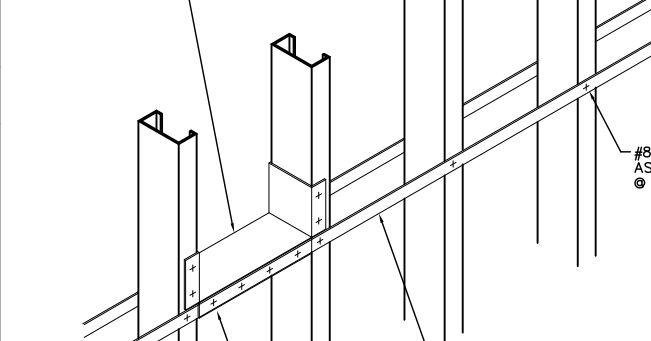
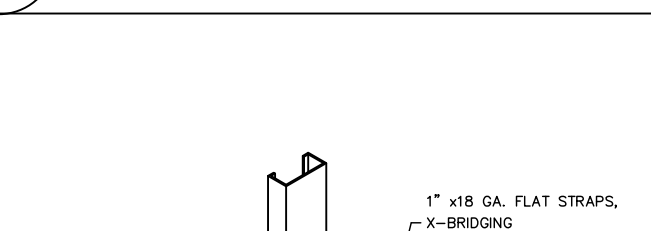
3 NEW WALL TO EXISTING WALL INTERSECTION FRAMING

SCALE: NTS



4 TOP & BOTTOM TRACK SPLICE

SCALE: NTS



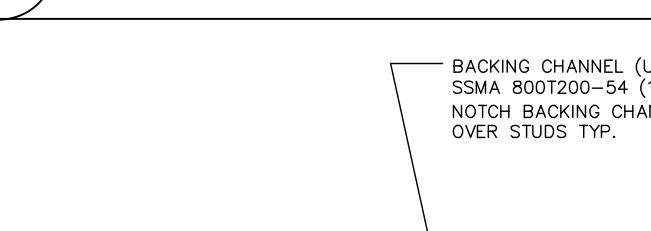
6 WALL BRIDGING ALTERNATE

SCALE: NTS



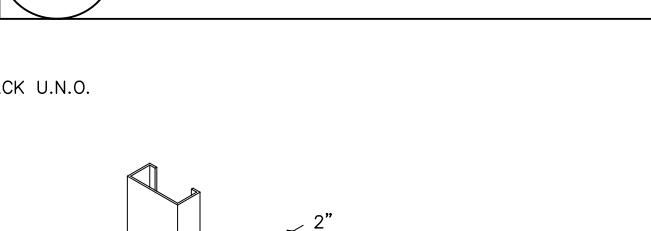
7 X-BRIDGING

SCALE: NTS



8 WALL BRIDGING

SCALE: NTS



9 TYPICAL SISTER STUDS CONNECTION PLAN VIEW

SCALE: NTS



10 TYPICAL BACKING FOR CABINETS AND EQUIPMENT

SCALE: NTS



B @ EXISTING STEEL STUDS WALL

SCALE: NTS



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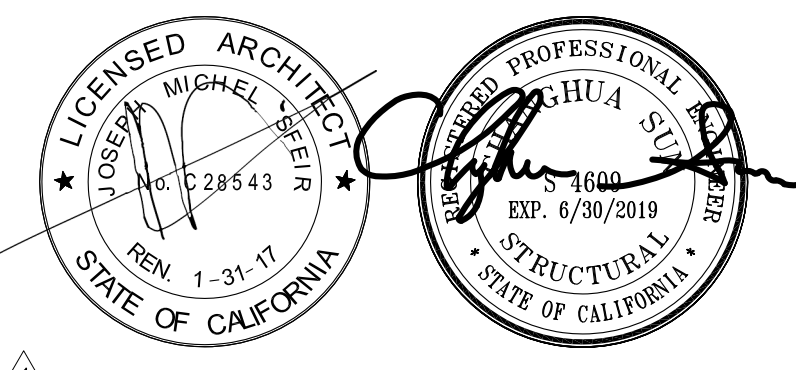
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92056

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1	OSHPD COMMENTS	11/18/16
2	DESIGN CHANGES	11/18/16
3	OSHPD COMMENTS	02/15/17
4	DESIGN CHANGES	06/23/17
5	OSHPD COMMENTS	08/11/17

REV	DESCRIPTION	DATE
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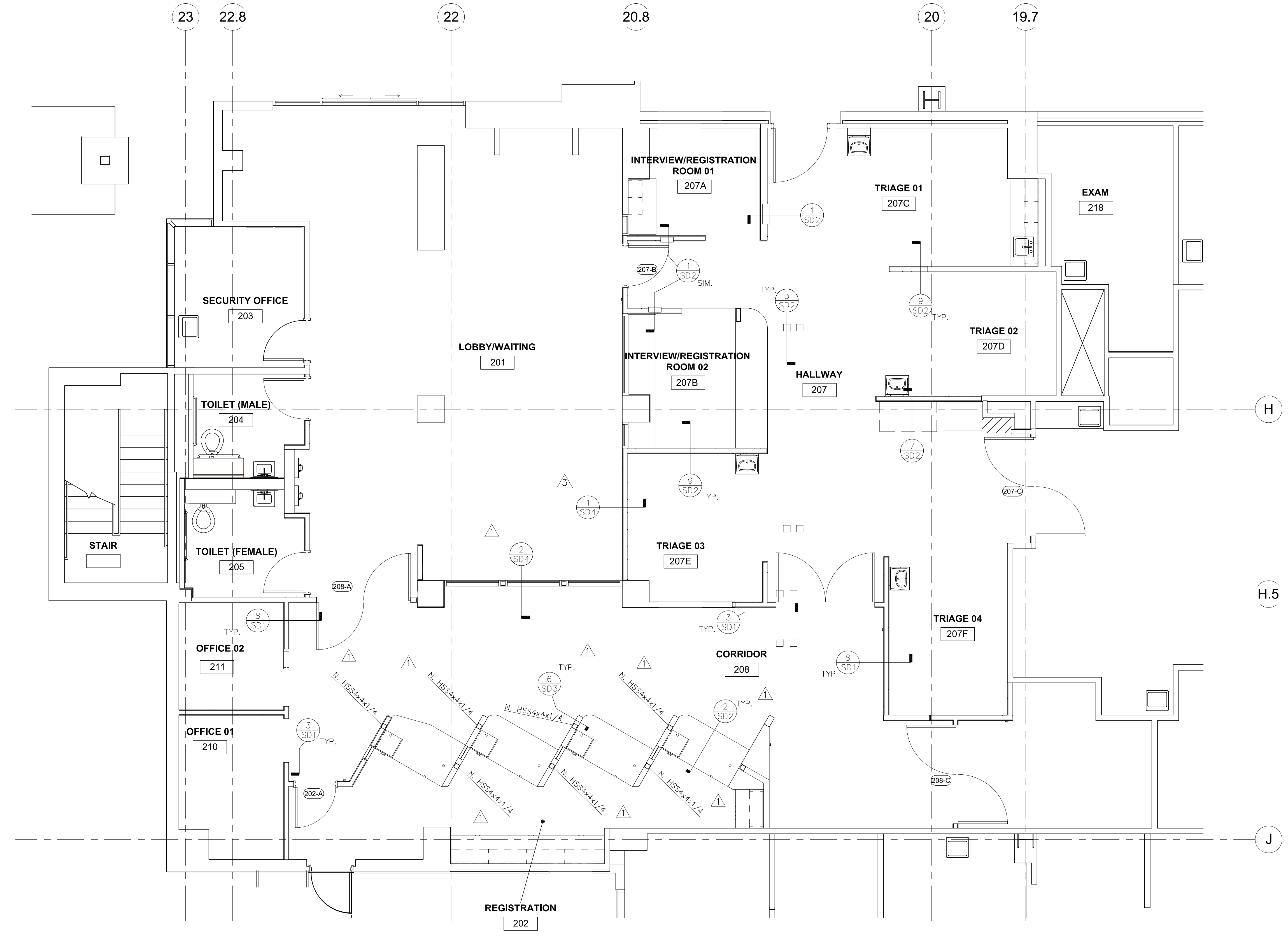
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OSHPD #: S162093-37-00

**PARTIAL FIRST FLOOR  
PLAN**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT #: 01593.00 SHEET NUMBER:  
DRAWN BY: Author  
CHECKED BY: Checker  
SCALE: \_\_\_\_\_  
DATE: 08/03/16

**S-2**



**PARTIAL FIRST FLOOR PLAN**  
SCALE: 1/4"=1'-0"

**GENERAL NOTES**

- DO NOT SCALE THESE DRAWINGS. PRIOR TO START OF CONSTRUCTION, ALL DIMENSIONS AND ELEVATIONS MUST BE VERIFIED WITH THE APPROPRIATE SET OF ARCHITECTURAL DRAWINGS. IN CASE OF DISCREPANCIES, STRUCTURAL ENGINEER OF RECORD MUST BE NOTIFIED IN WRITING.
- ALL EXISTING MEMBER SIZES, SPACING, & DIMENSIONS MUST BE FIELD VERIFIED. IN CASE OF DISCREPANCIES STRUCTURAL ENGINEER MUST BE NOTIFIED IN WRITING.

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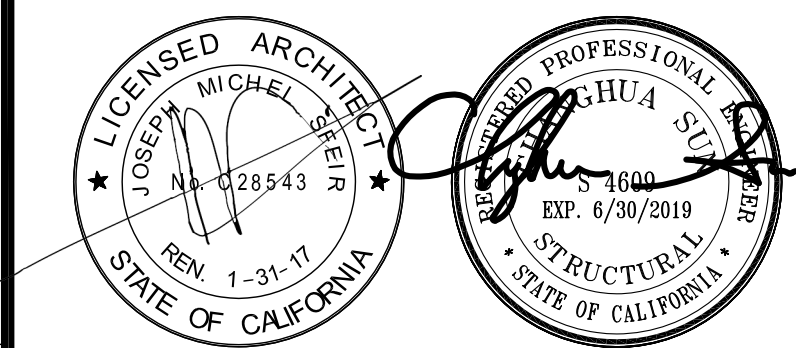
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1	OSHPD COMMENTS	11/18/16
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4	DESIGN CHANGES	06/23/17
5	OSHPD COMMENTS	08/11/17

REV:	DESCRIPTION	DATE:
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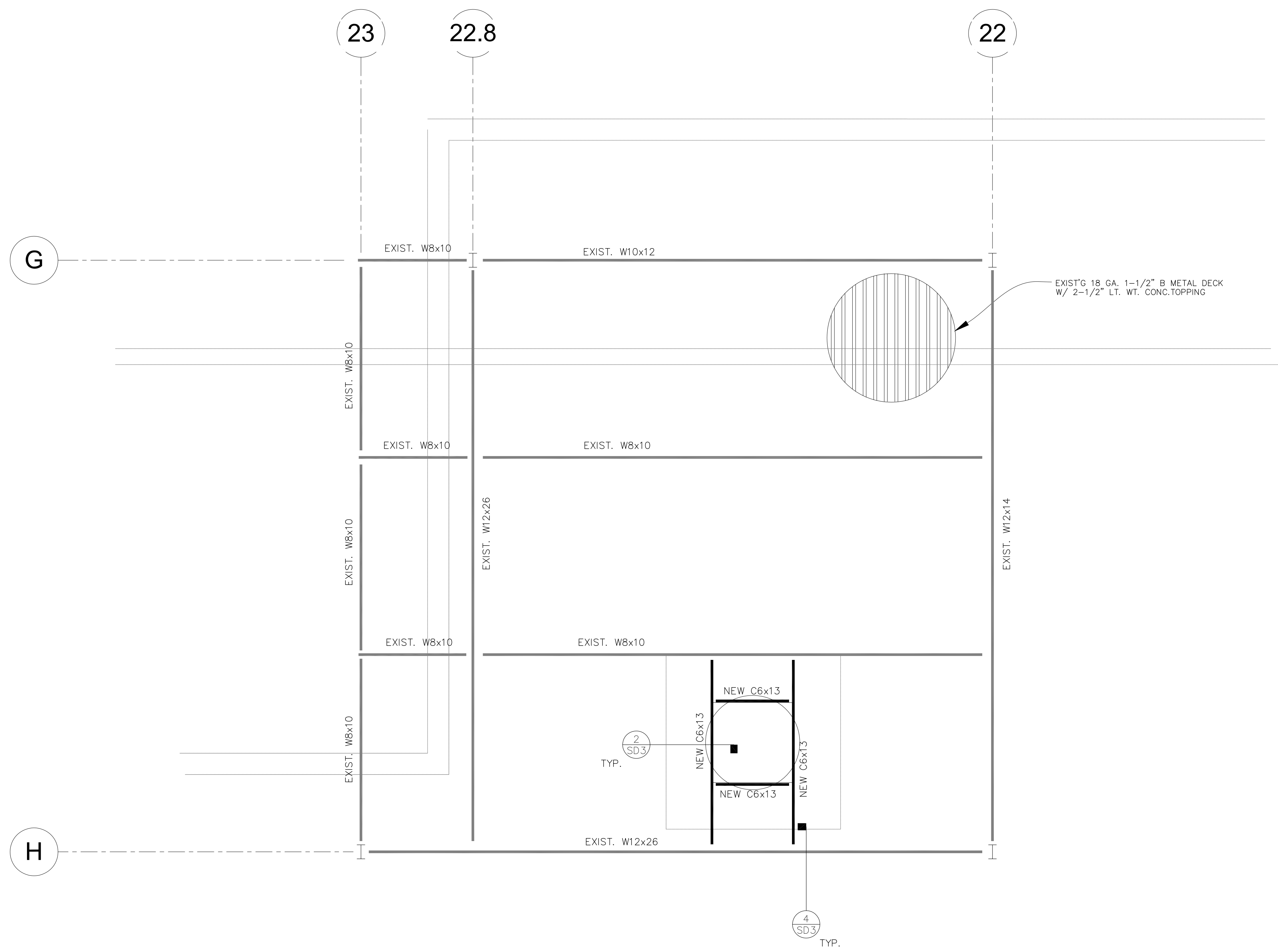
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www.sunse-inc.com

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OSHPD #: S162093-37-00

SHEET TITLE:  
**PARTIAL ROOF  
FRAMING PLAN**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT #: 01593.00 SHEET NUMBER:  
DRAWN BY: Author  
CHECKED BY: Checker  
SCALE: S-3  
DATE: 08/03/16



**PARTIAL ROOF FRAMING PLAN**

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

**GENERAL NOTES**

- DO NOT SCALE THESE DRAWINGS. PRIOR TO START OF CONSTRUCTION, ALL DIMENSIONS AND ELEVATIONS MUST BE VERIFIED WITH THE APPRD. SET OF ARCHITECTURAL DRAWINGS. IN CASE OF DISCREPANCIES, STRUCTURAL ENGINEER OF RECORD MUST BE NOTIFIED IN WRITING.
- ALL EXISTING MEMBER SIZES, SPACING, & DIMENSIONS MUST BE FIELD VERIFIED. IN CASE OF DISCREPANCIES STRUCTURAL ENGINEER MUST BE NOTIFIED IN WRITING.
- CONTRACTOR TO PROVIDE TEMP. SHORING FOR EXIST. STRUCTURAL ELEMENTS PRIOR TO REMOVE EXIST. WALLS AND INSTALL NEW BEAMS COLUMNS AND FOOTINGS

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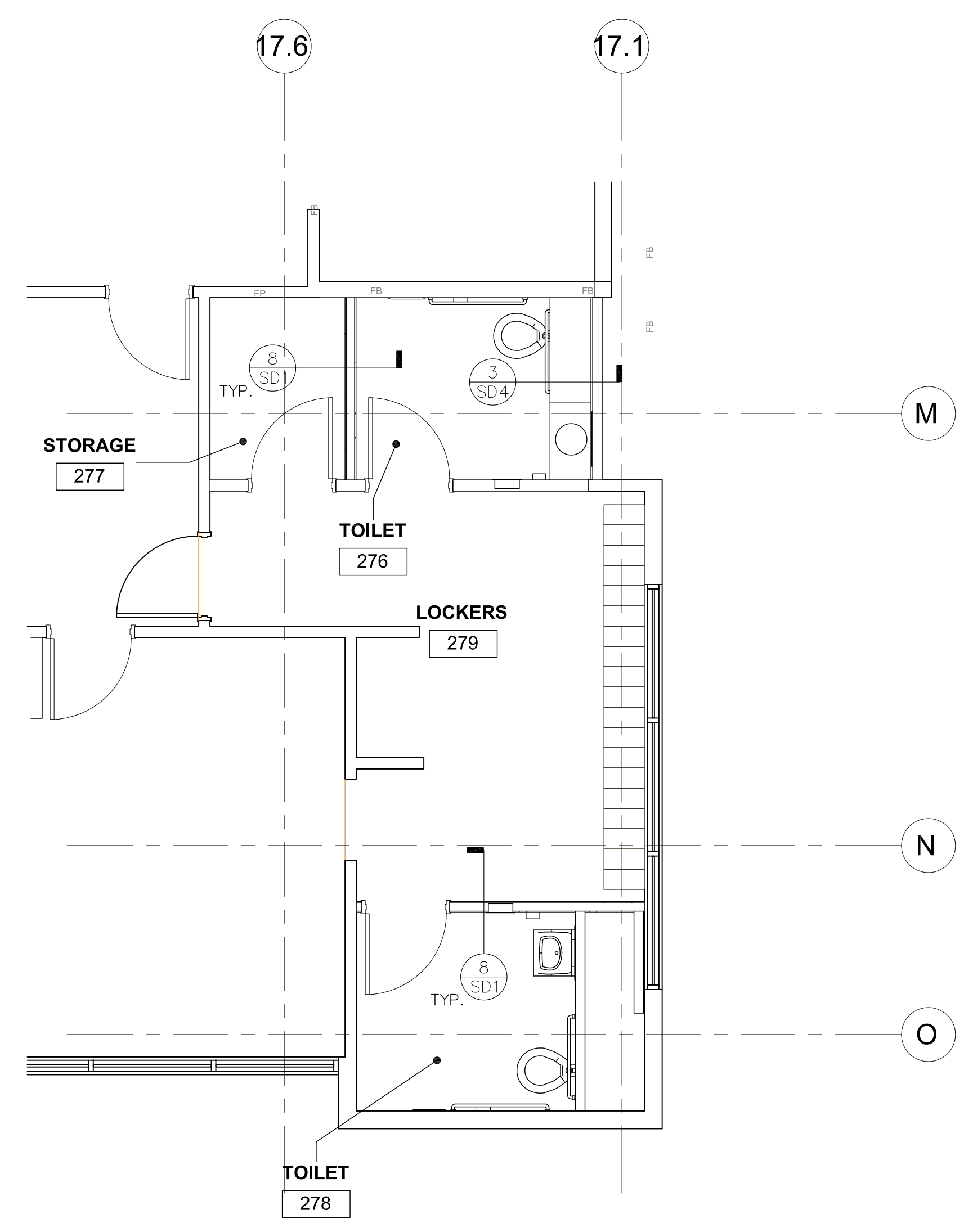
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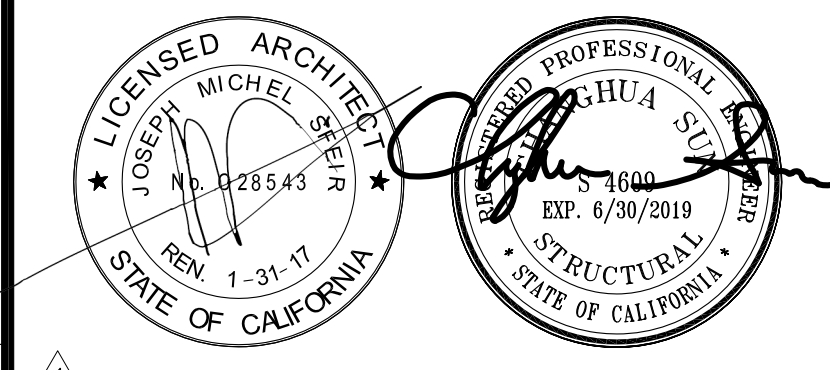
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**PARTIAL FIRST FLOOR PLAN (LOCKER ROOM)**  
SCALE: 1/4"=1'-0"

**GENERAL NOTES**

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REV	DESCRIPTION	DATE
1	OSHPD COMMENTS	11/18/16
2	DESIGN CHANGES	11/18/16
3	OSHPD COMMENTS	02/15/17
4	DESIGN CHANGES	06/23/17
5	OSHPD COMMENTS	08/11/17

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OSHPD #: S162093-37-00

**PARTIAL FIRST FLOOR  
PLAN (LOCKER ROOM)**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT #: 01593.00 SHEET NUMBER:  
DRAWN BY: Author  
CHECKED BY: Checker  
SCALE:  
DATE: 08/03/16

**S-4**

**TCMC  
EMERGENCY  
DEPARTMENT**

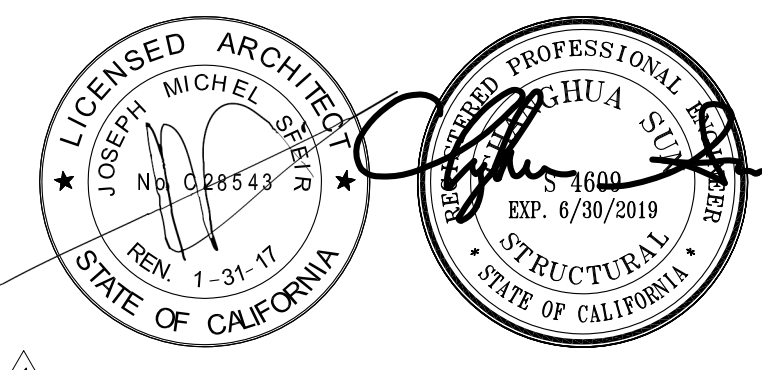
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1	OSHPD COMMENTS	11/18/16
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4	DESIGN CHANGES	06/23/17
5	OSHPD COMMENTS	08/11/17

REV	DESCRIPTION	DATE
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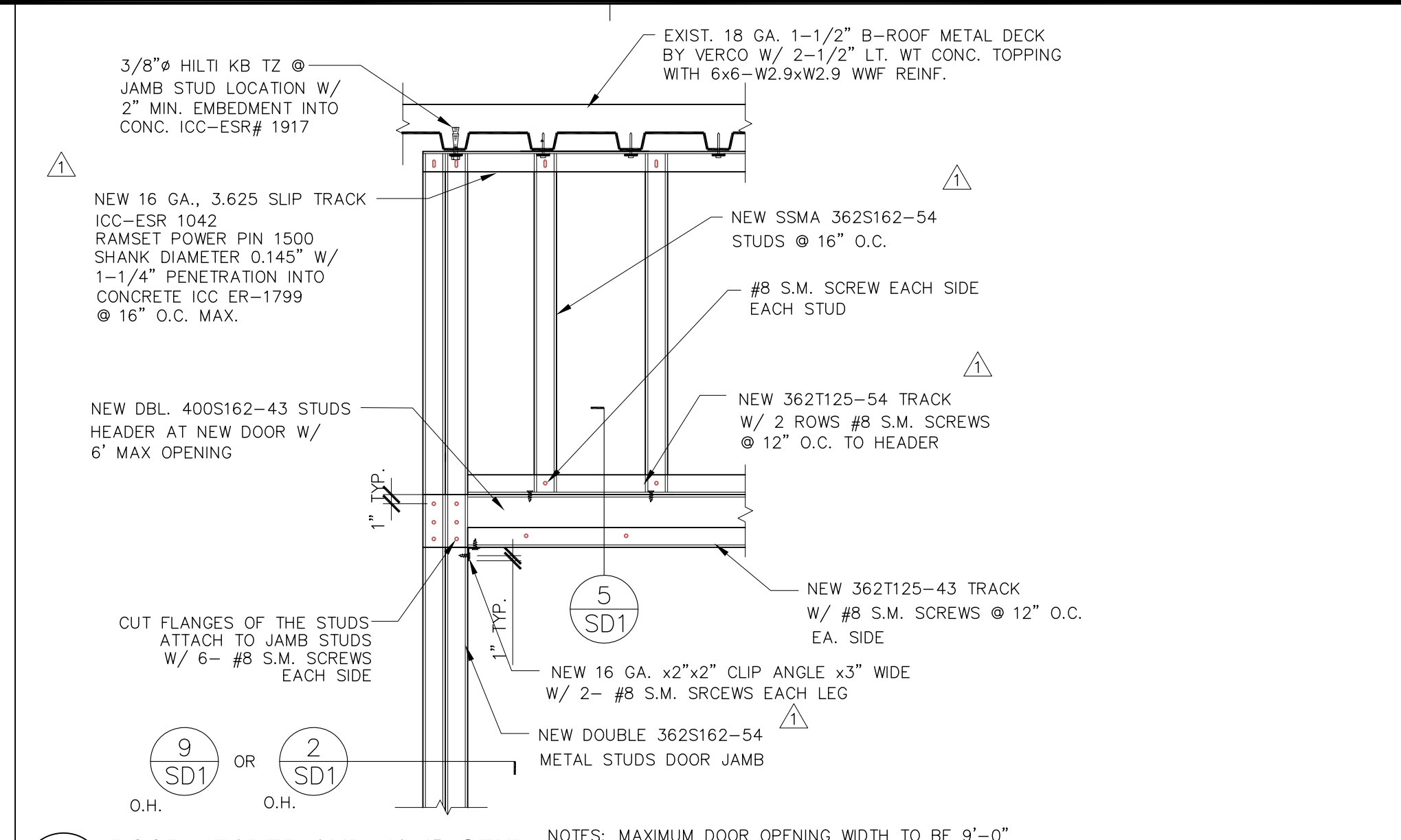
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OSHPD #: S162093-37-00

SHEET TITLE:  
**DETAILS**

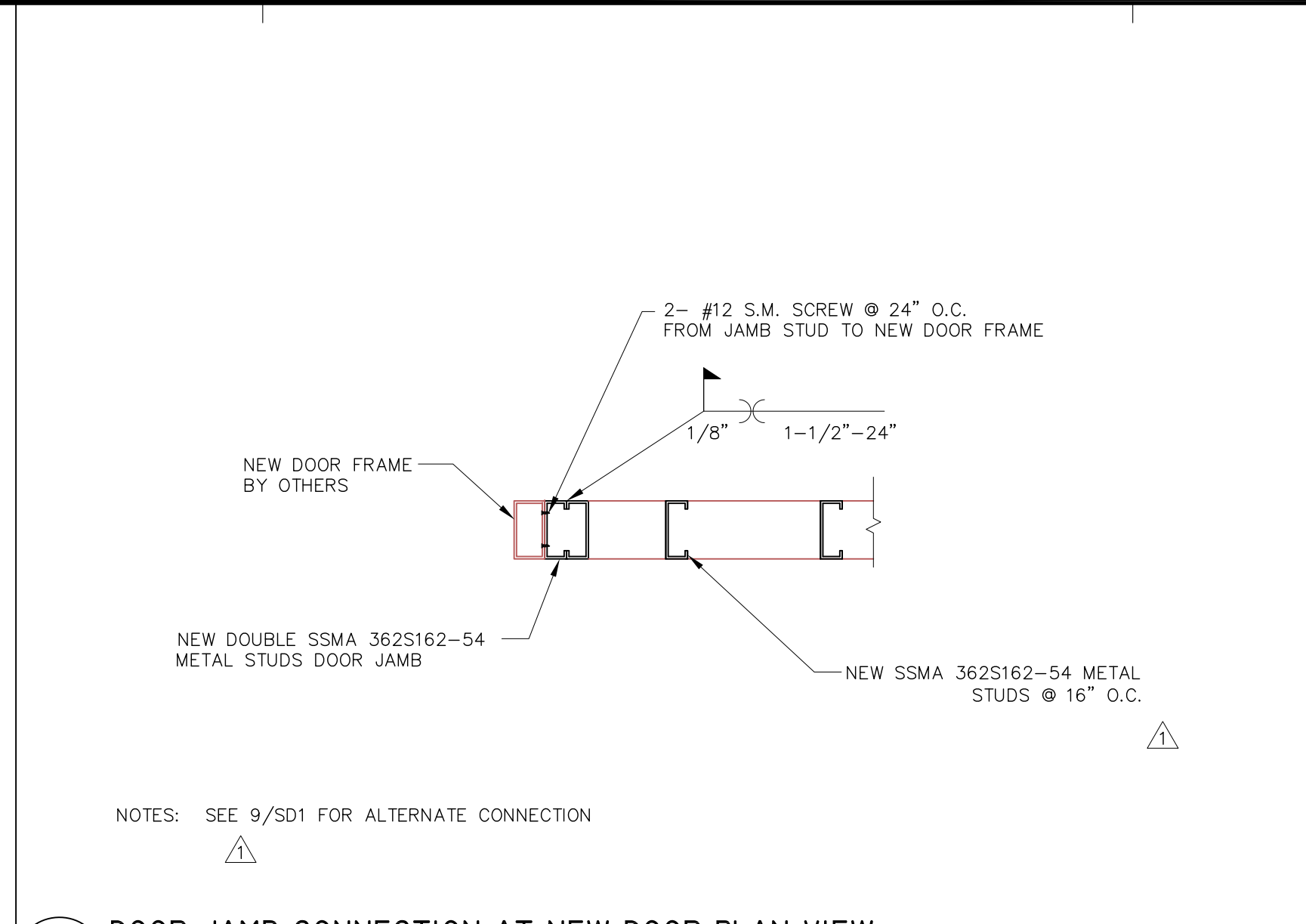
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**TCMC EMERGENCY DEPARTMENT**

PROJECT #: 01593.00  
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DATE: 08/03/16

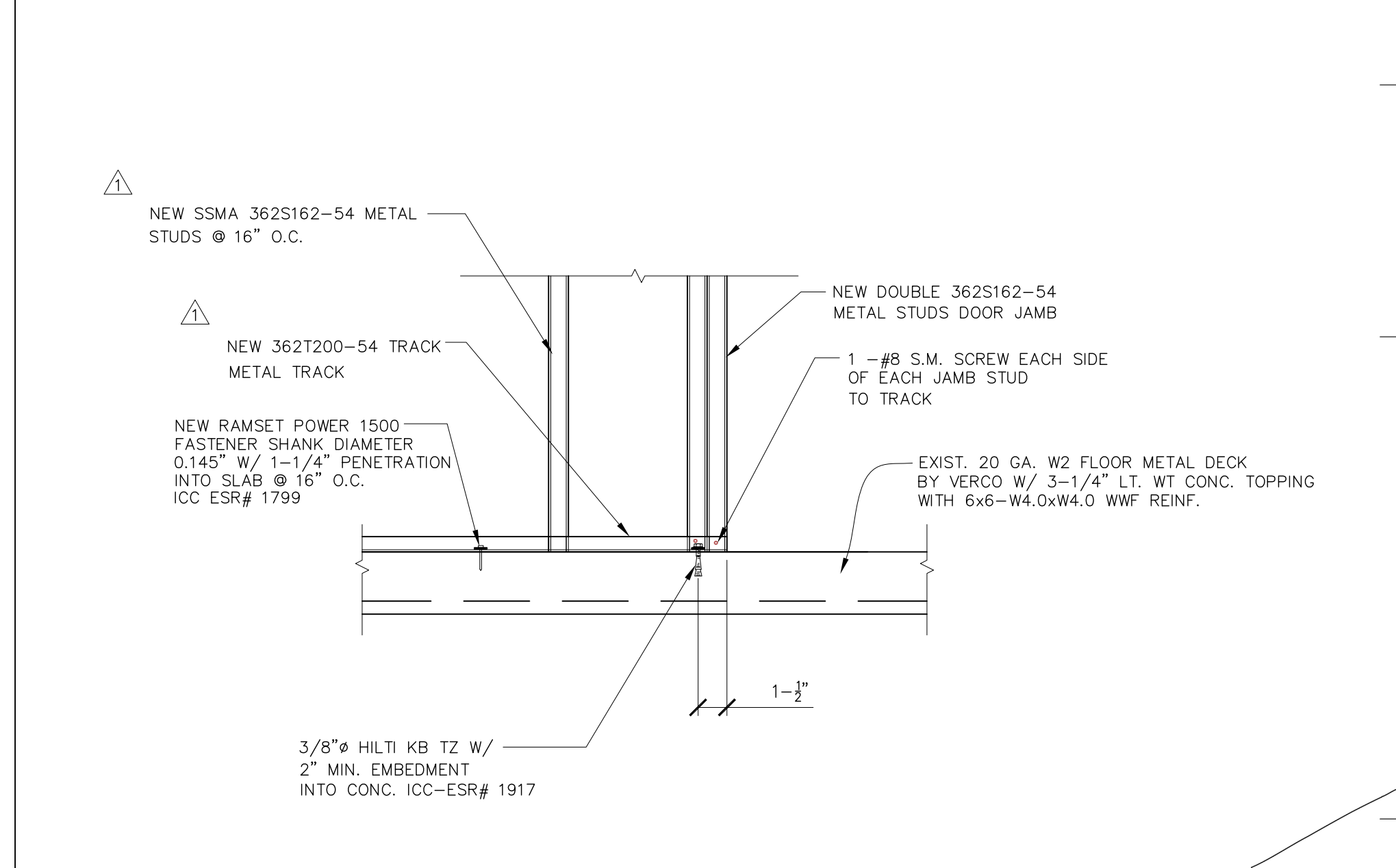
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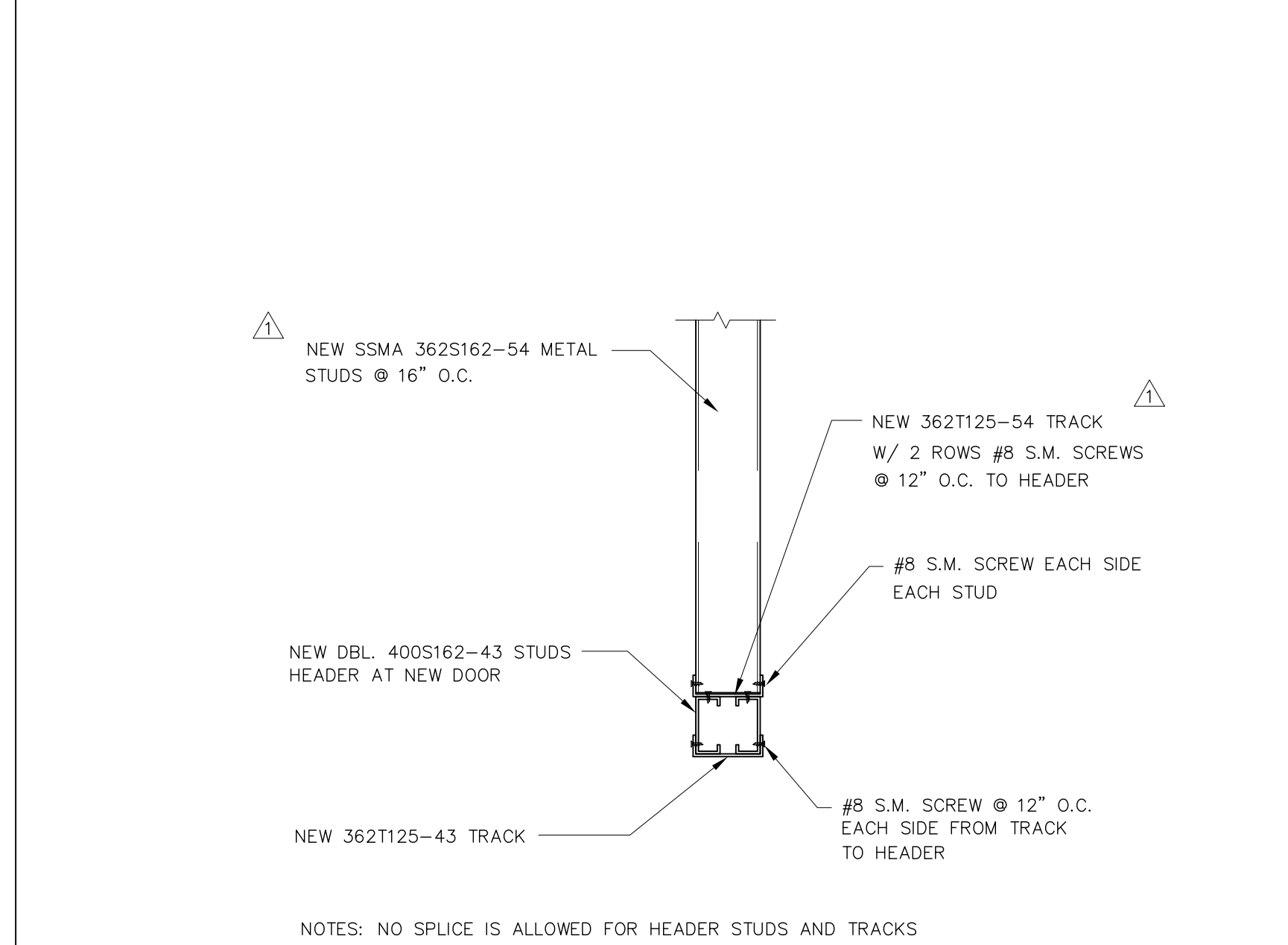
**3 DOOR HEADER AND JAMB STUD**  
SCALE: 1"=1'-0"



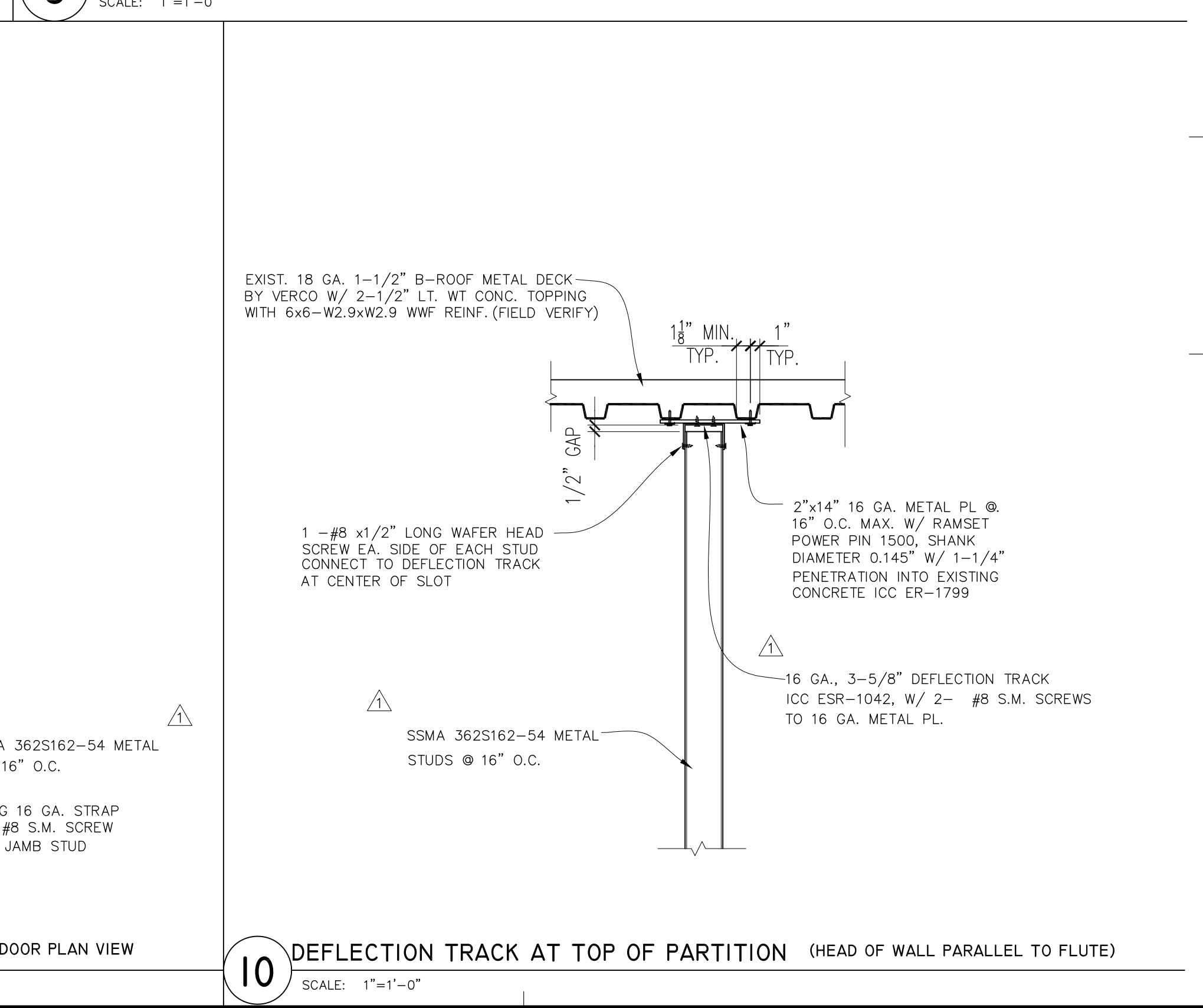
**2 DOOR JAMB CONNECTION AT NEW DOOR PLAN VIEW**  
SCALE: 1-1/2"=1'-0"



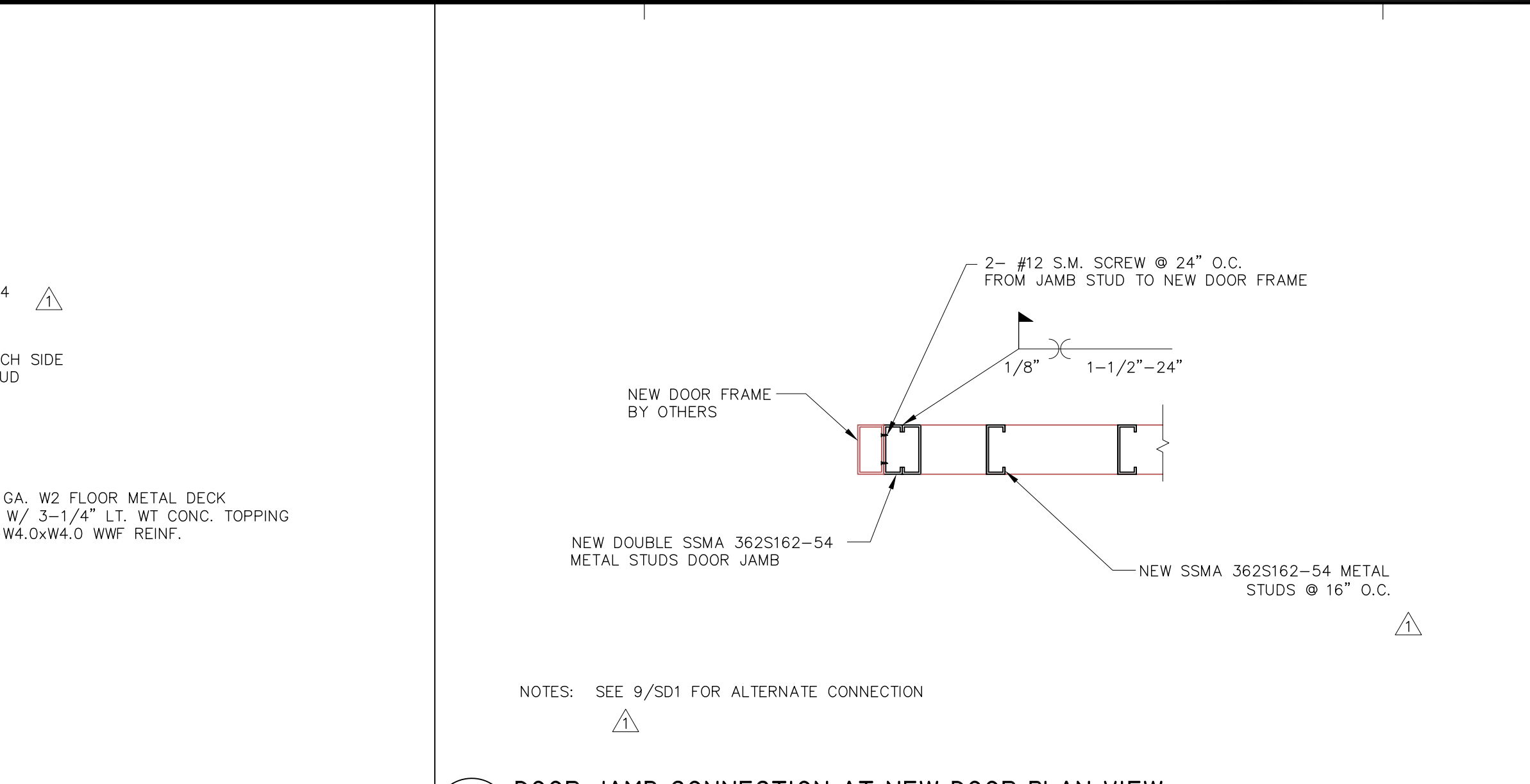
**6 DOOR JAMB CONNECTION**  
SCALE: 1"=1'-0"



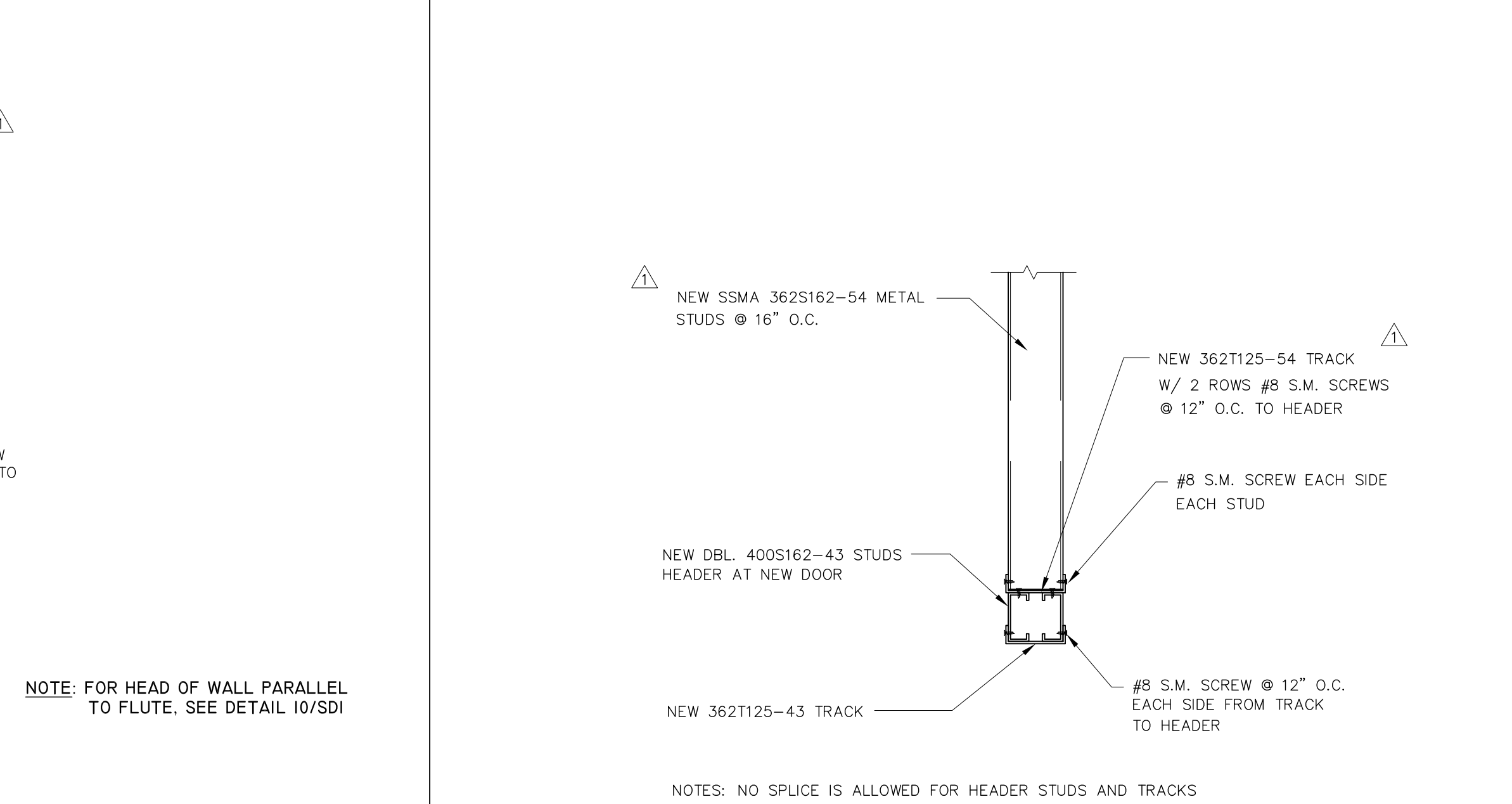
**5 DOOR HEADER AT NEW DOOR**  
SCALE: 1-1/2"=1'-0"



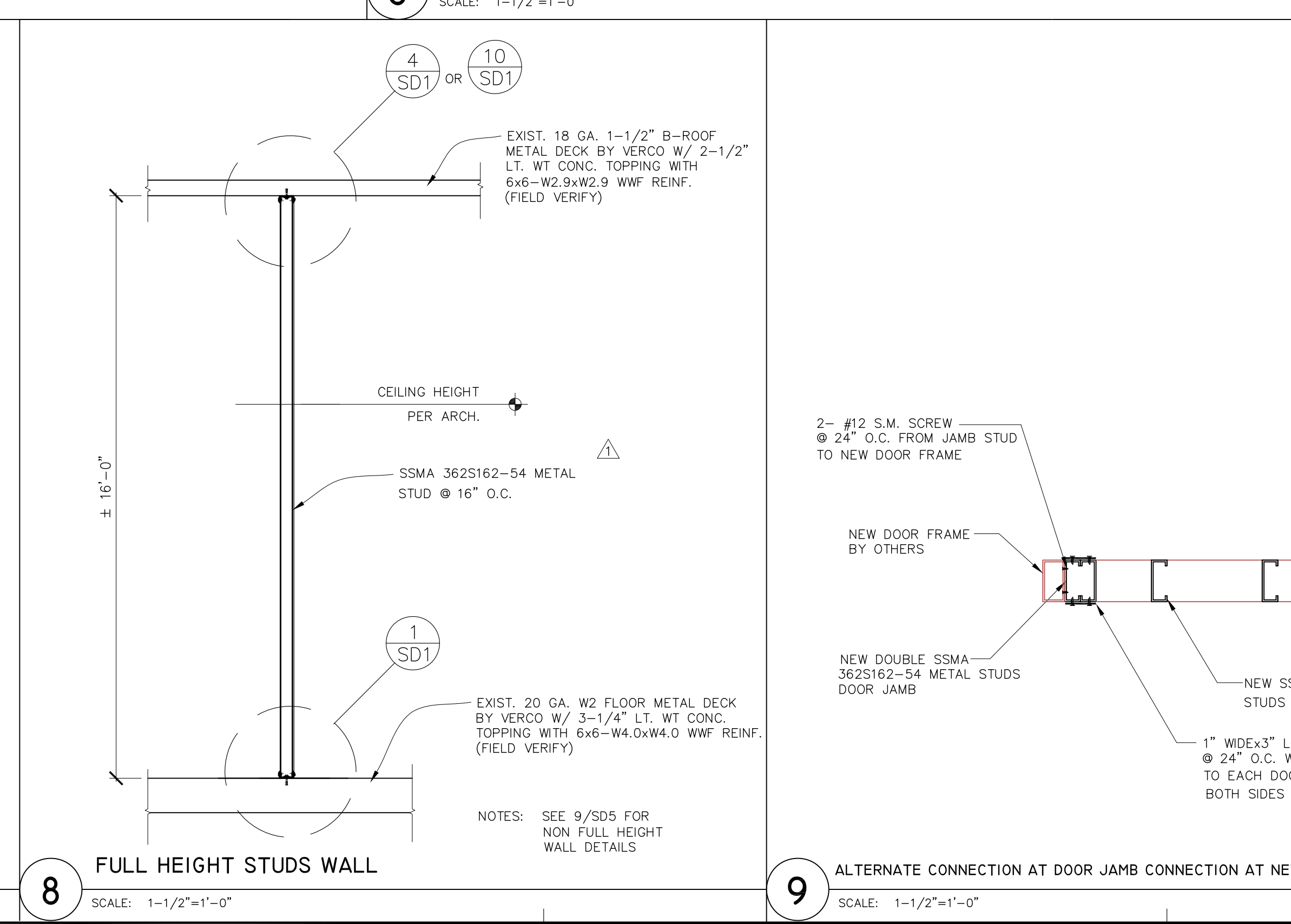
**10 DEFLECTION TRACK AT TOP OF PARTITION (HEAD OF WALL PARALLEL TO FLUTE)**  
SCALE: 1"=1'-0"



**1 TYPICAL PARTITION TO FLOOR CONNECTION**  
SCALE: 1-1/2"=1'-0"



**4 DEFLECTION TRACK AT TOP OF PARTITION (HEAD OF WALL PERPENDICULAR TO FLUTE)**  
SCALE: 1"=1'-0"



**8 FULL HEIGHT STUDS WALL**  
SCALE: 1-1/2"=1'-0"

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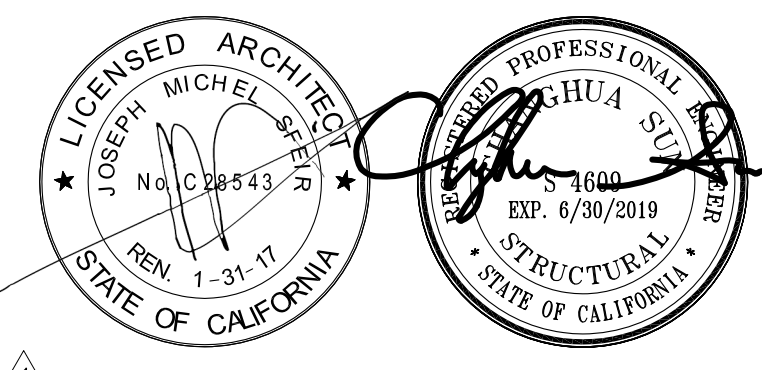
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1	OSHPD COMMENTS	11/18/16
2	DESIGN CHANGES	11/18/16
3	OSHPD COMMENTS	02/15/17
4	DESIGN CHANGES	06/23/17
5	OSHPD COMMENTS	08/11/17

REV: DESCRIPTION DATE:

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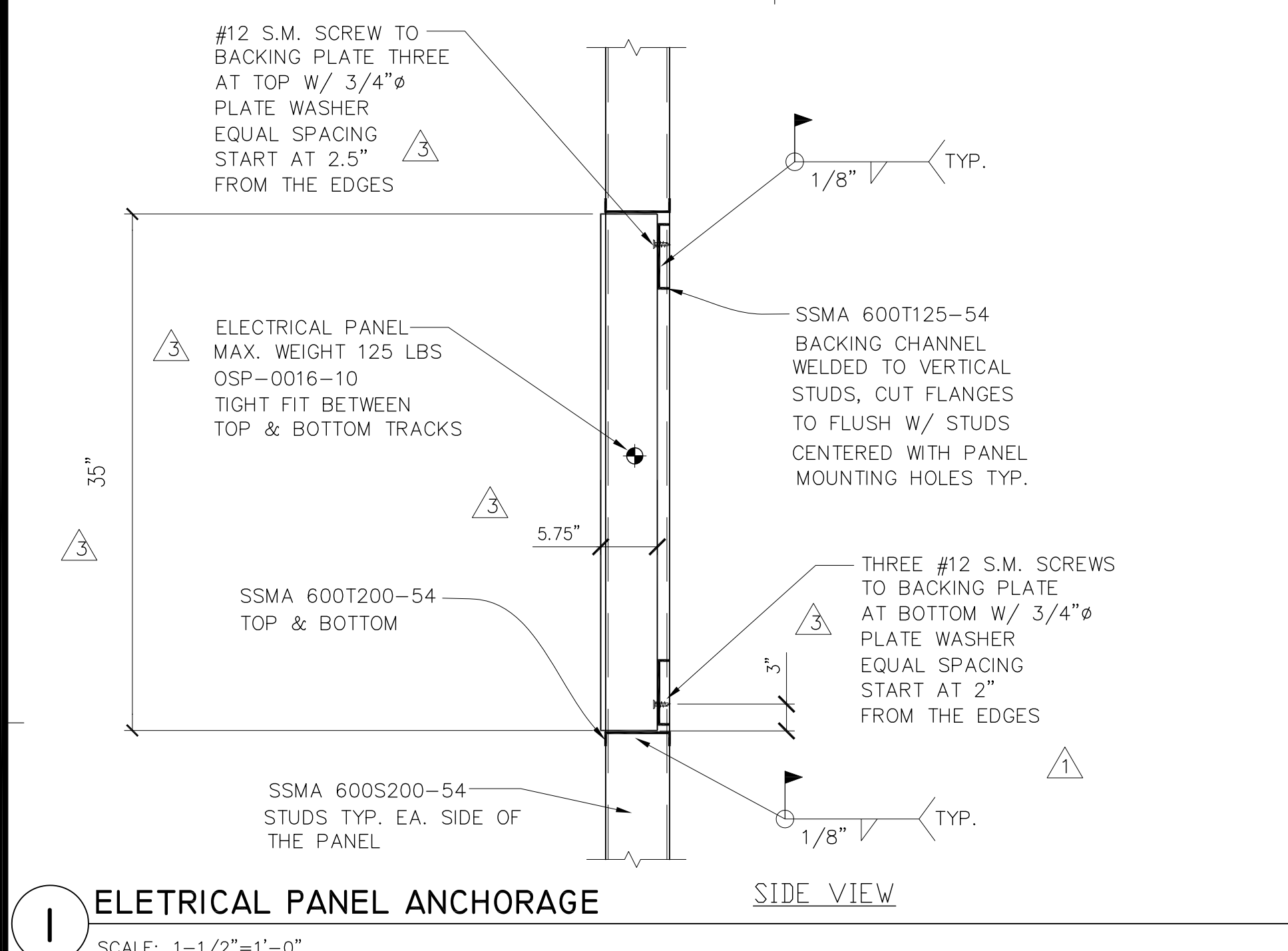
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PROJECT TITLE: **TCMC EMERGENCY DEPARTMENT**

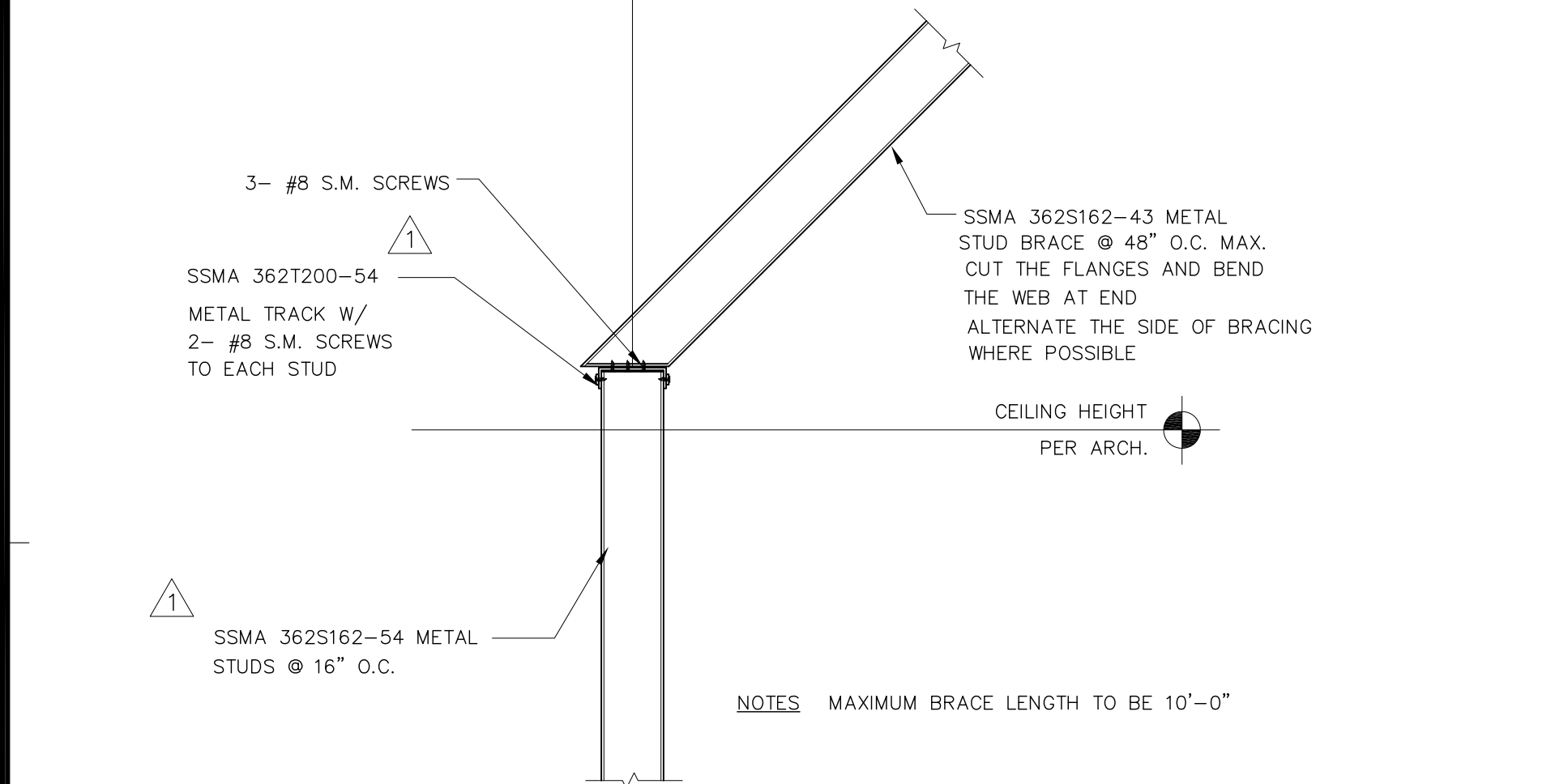
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SCALE: \_\_\_\_\_

DATE: 08/03/16

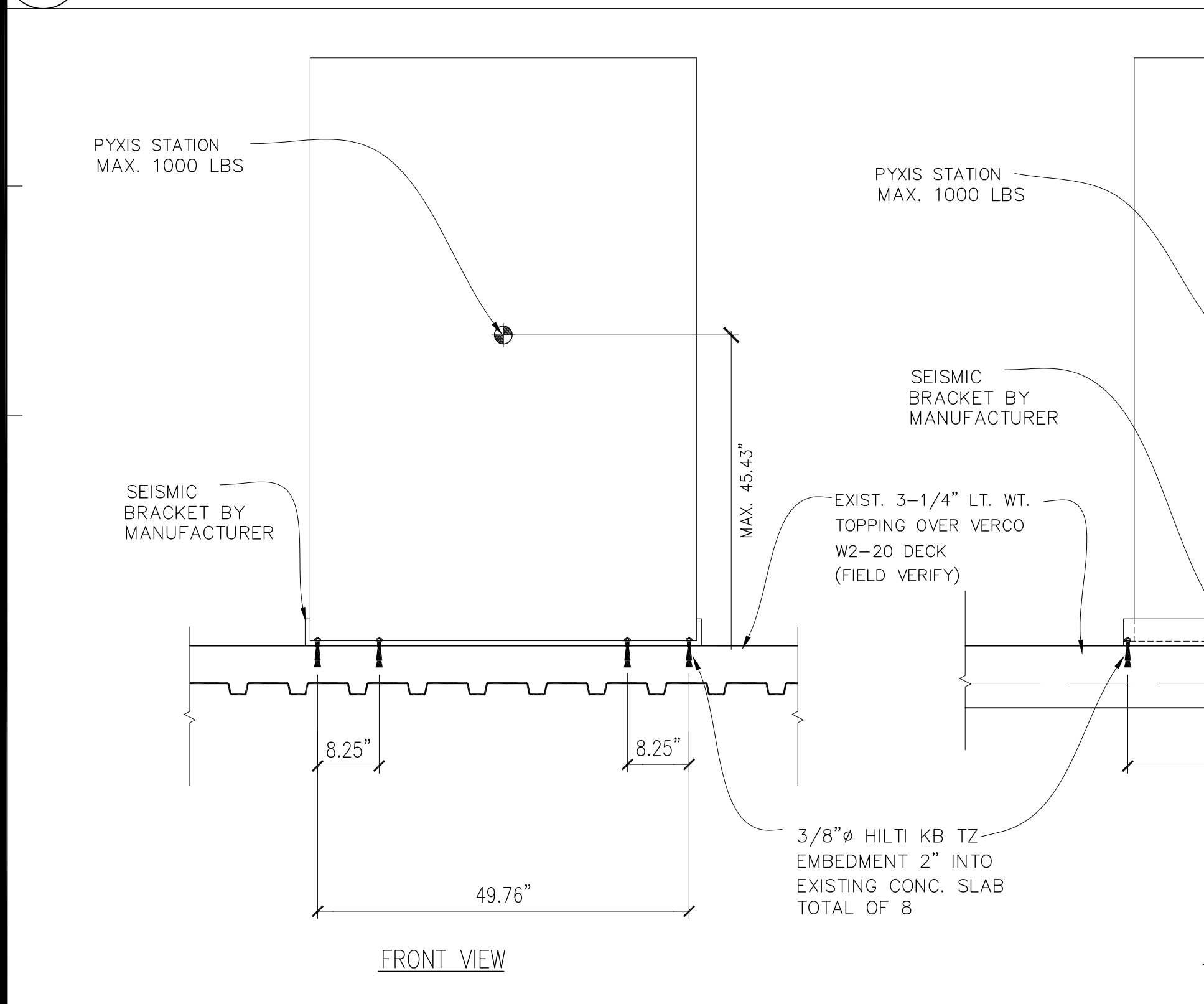
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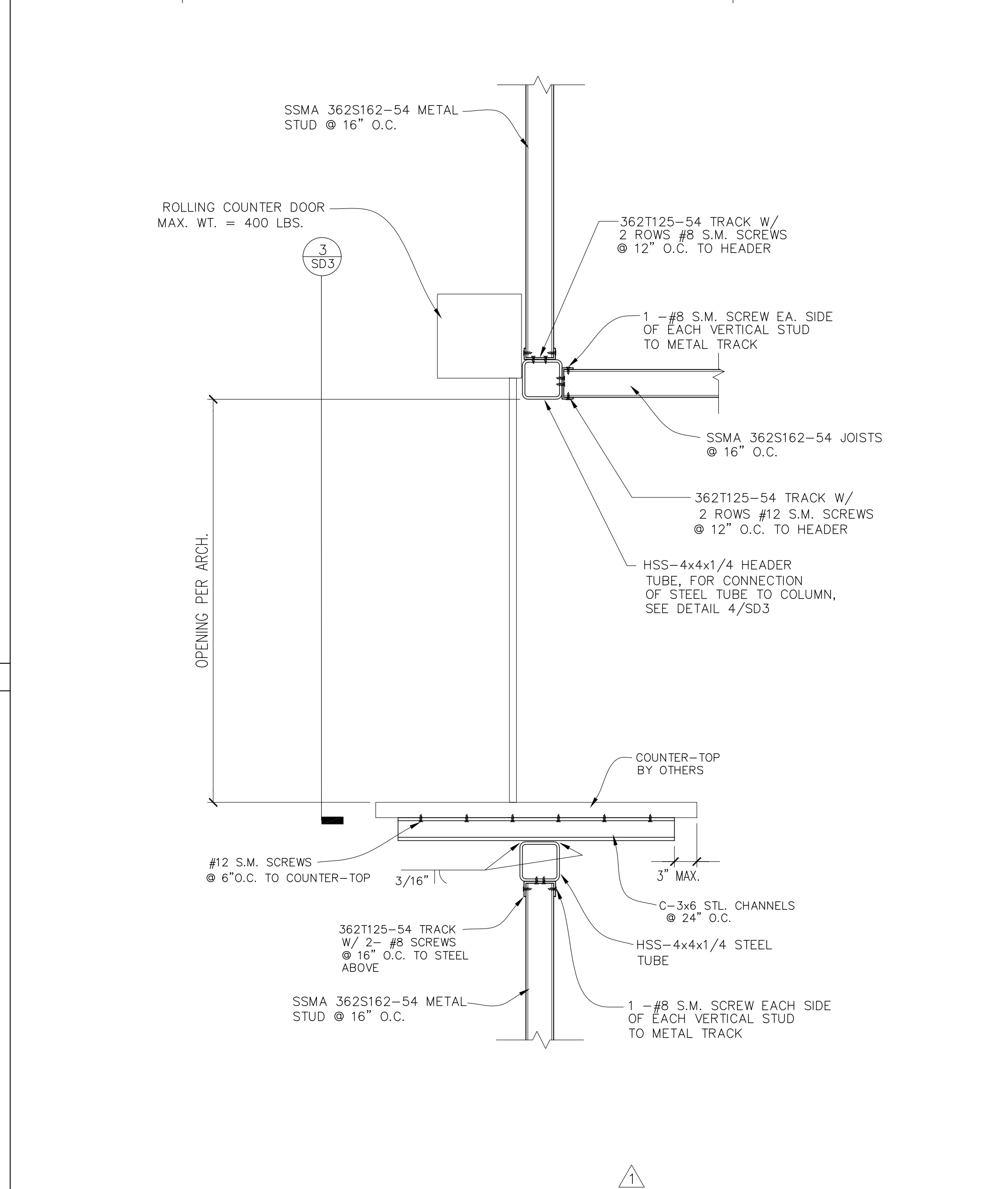
**1 ELECTRICAL PANEL ANCHORAGE**  
SCALE: 1-1/2"=1'-0"



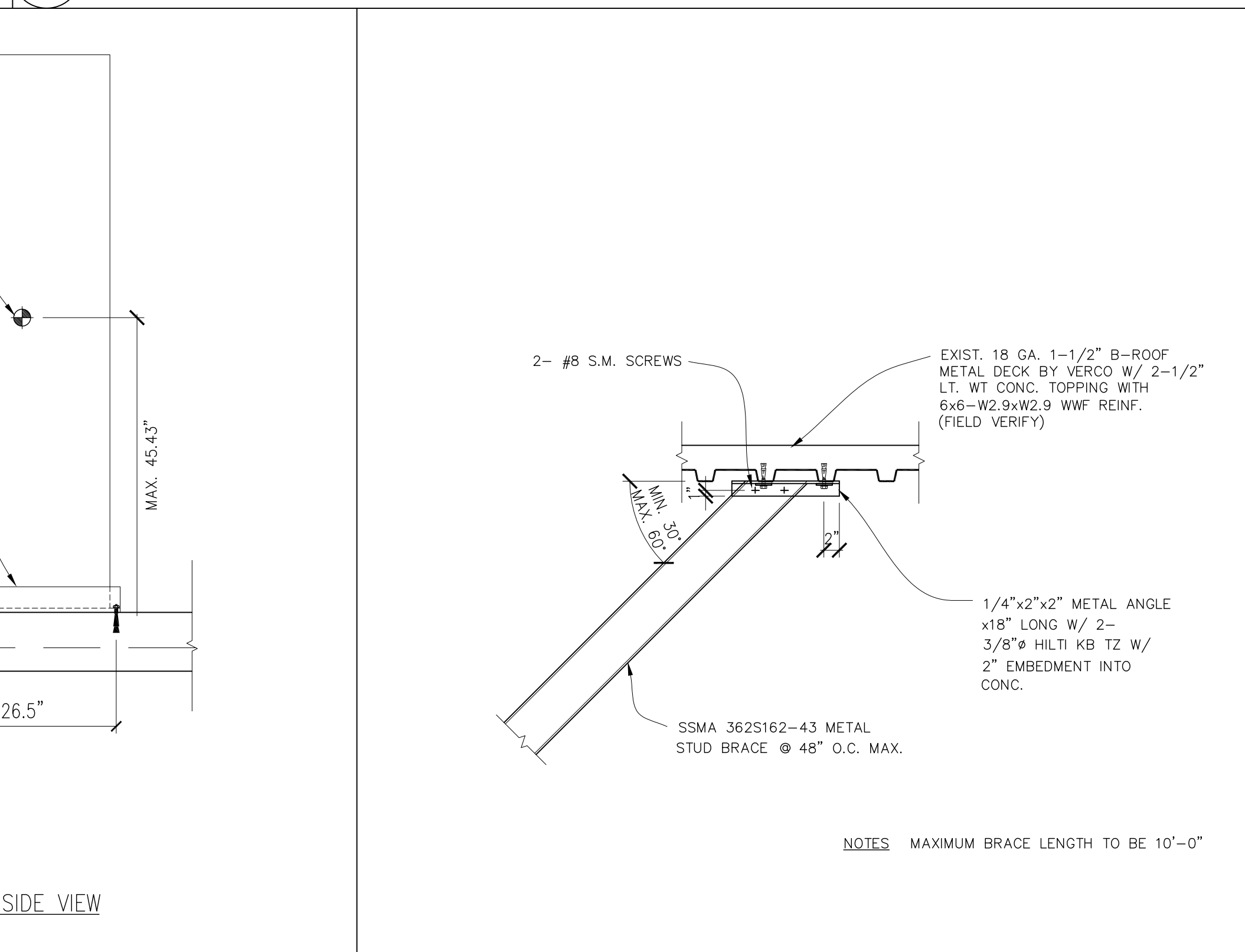
**5 TYPICAL BRACING AT TOP OF PARTITION**  
SCALE: 1-1/2"=1'-0"



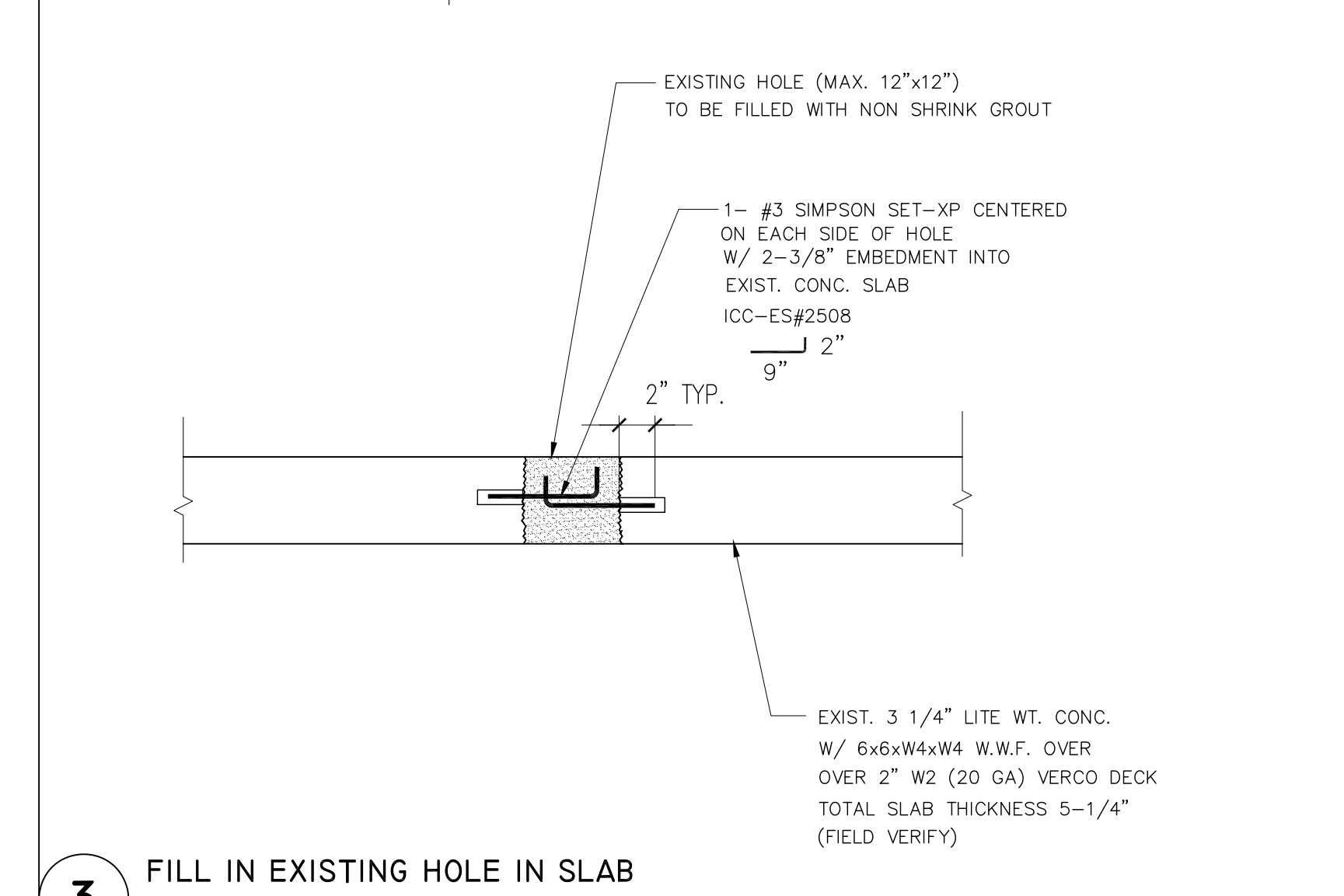
**7 PYXIS DOUBLE SUPPLY STATION ANCHORAGE**  
SCALE: 1"=1'-0"



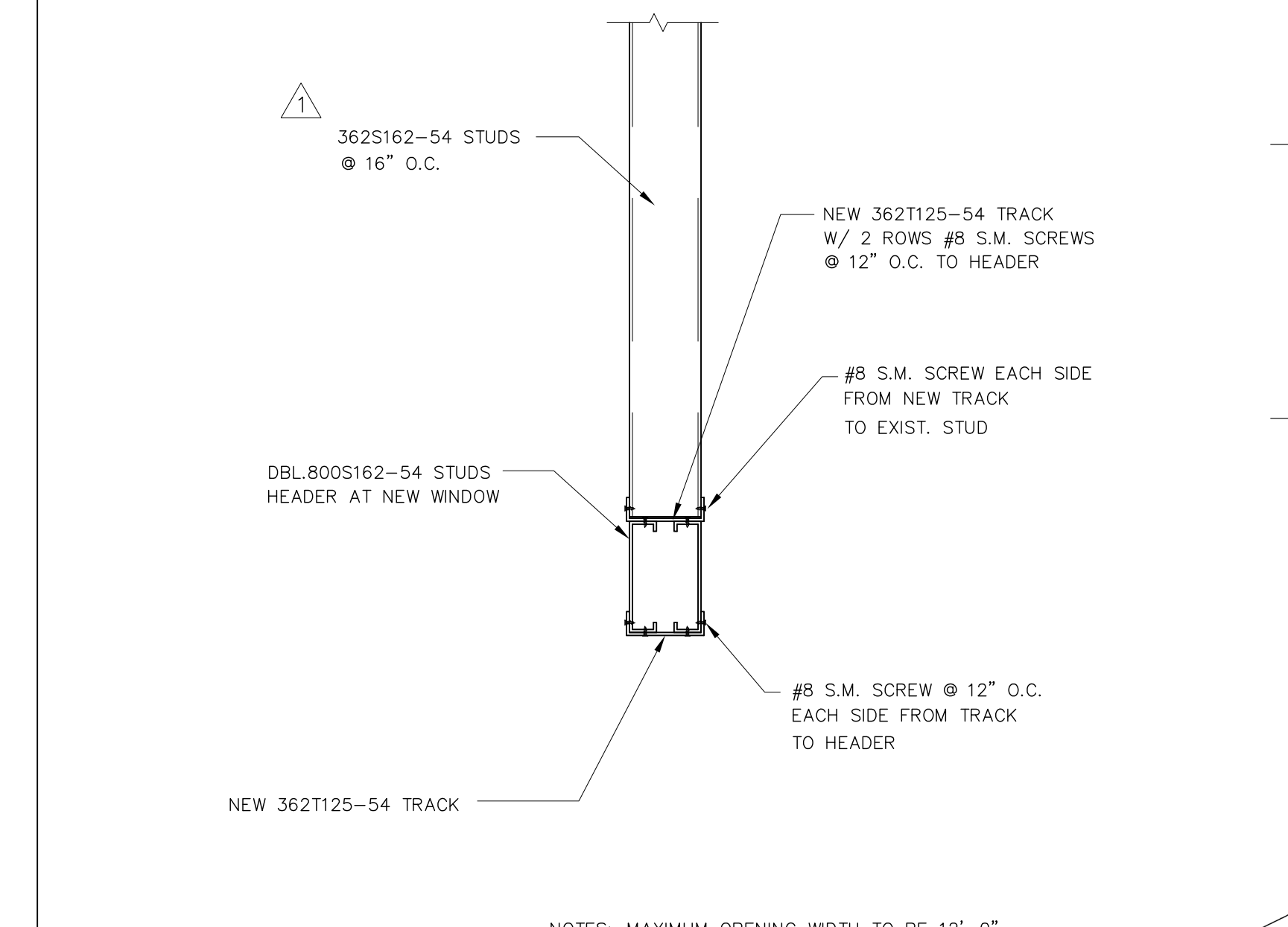
**2 ROLL-UP FIRE DOOR & COUNTER-TOP SUPPORT DETAIL**  
SCALE: 1"=1'-0"



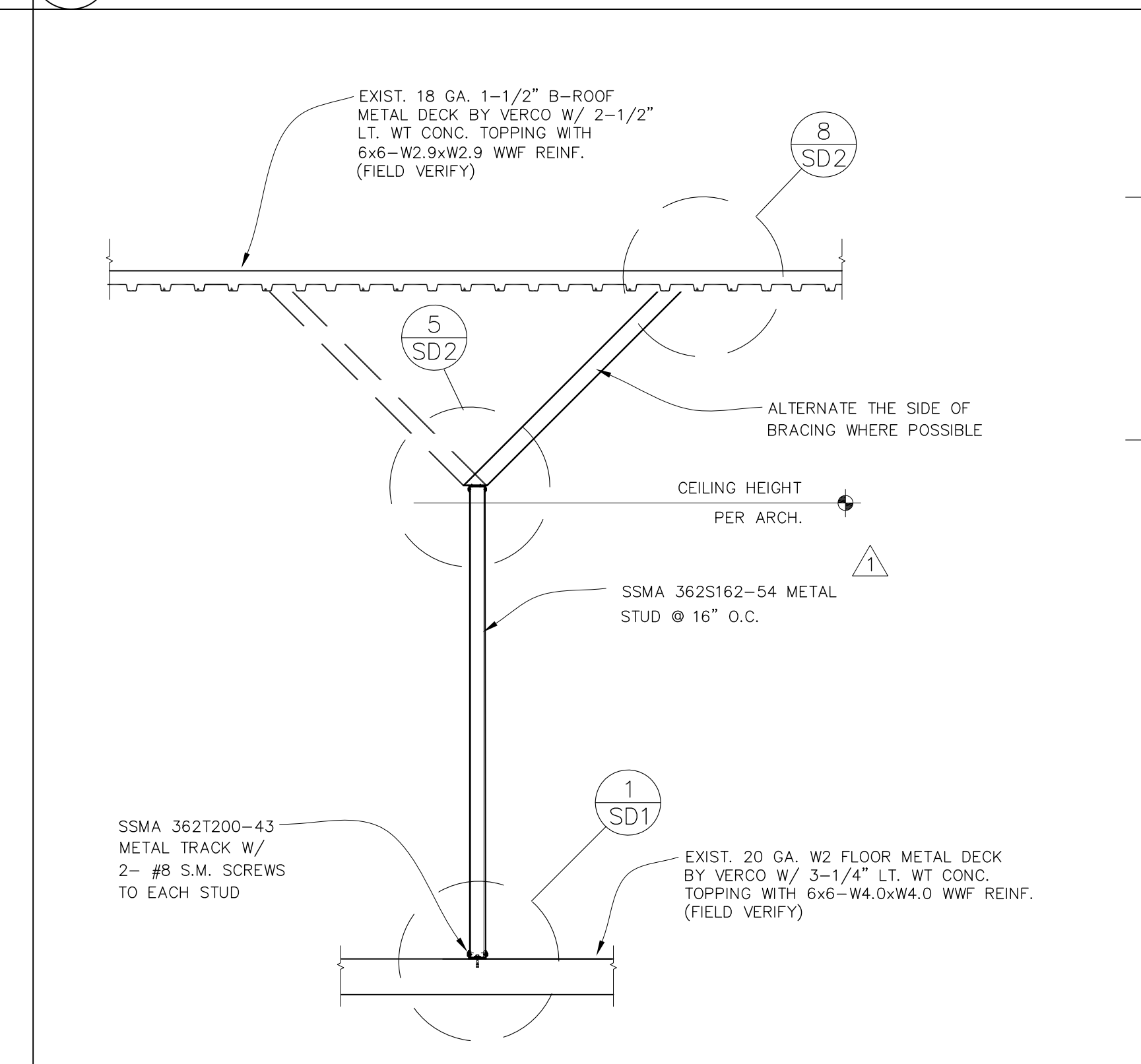
**8 TYPICAL BRACING TO FLOOR ABOVE CONNECTION**  
SCALE: 1-1/2"=1'-0"



**3 FILL IN EXISTING HOLE IN SLAB**  
SCALE: 1-1/2"=1'-0"



**6 HEADER DETAIL**  
SCALE: 1-1/2"=1'-0"



**9 NON FULL HEIGHT NEW PARTITION WALL**  
SCALE: 1/2"=1'-0"



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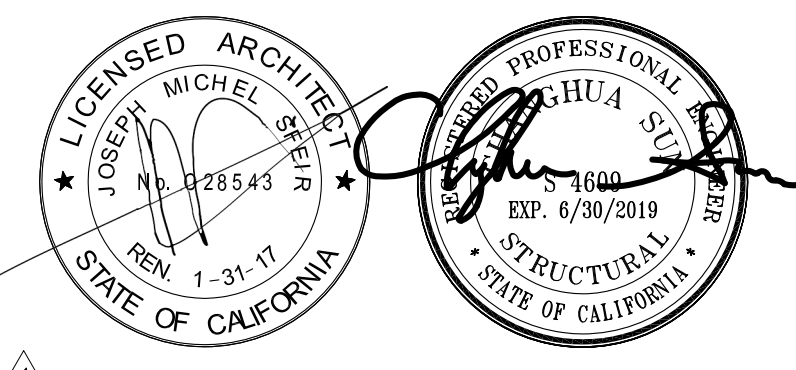
TRI-CITY MEDICAL  
CENTER  
4002 VISTA WAY  
OCEANSIDE, CALIFORNIA  
92056

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

ARCHITECT: SFEIR ARCHITECTS  
1350 COLUMBIA STREET, SUITE 603  
SAN DIEGO, CALIFORNIA 92101  
TEL(619)299-3917 FAX(619)299-5084

STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.  
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CARLSBAD, CALIFORNIA 92011  
TEL(760)438-1188

ME&P: P2S  
9665 CHESAPEAKE DRIVE, SUITE 230  
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TEL(619)618-2347 FAX(619)330-0668



REV	DESCRIPTION	DATE
1	OSHPD COMMENTS	11/18/16
2	DESIGN CHANGES	11/18/16
3	OSHPD COMMENTS	02/15/17
4	DESIGN CHANGES	06/23/17
5	OSHPD COMMENTS	08/11/17

CONSULTANT  
**SUN Structural Engineering, Inc.**  
Consulting Structural Engineers  
2091 Las Palmas Dr., Suite D  
Carlsbad, California 92011  
Tel: 760-438-1188  
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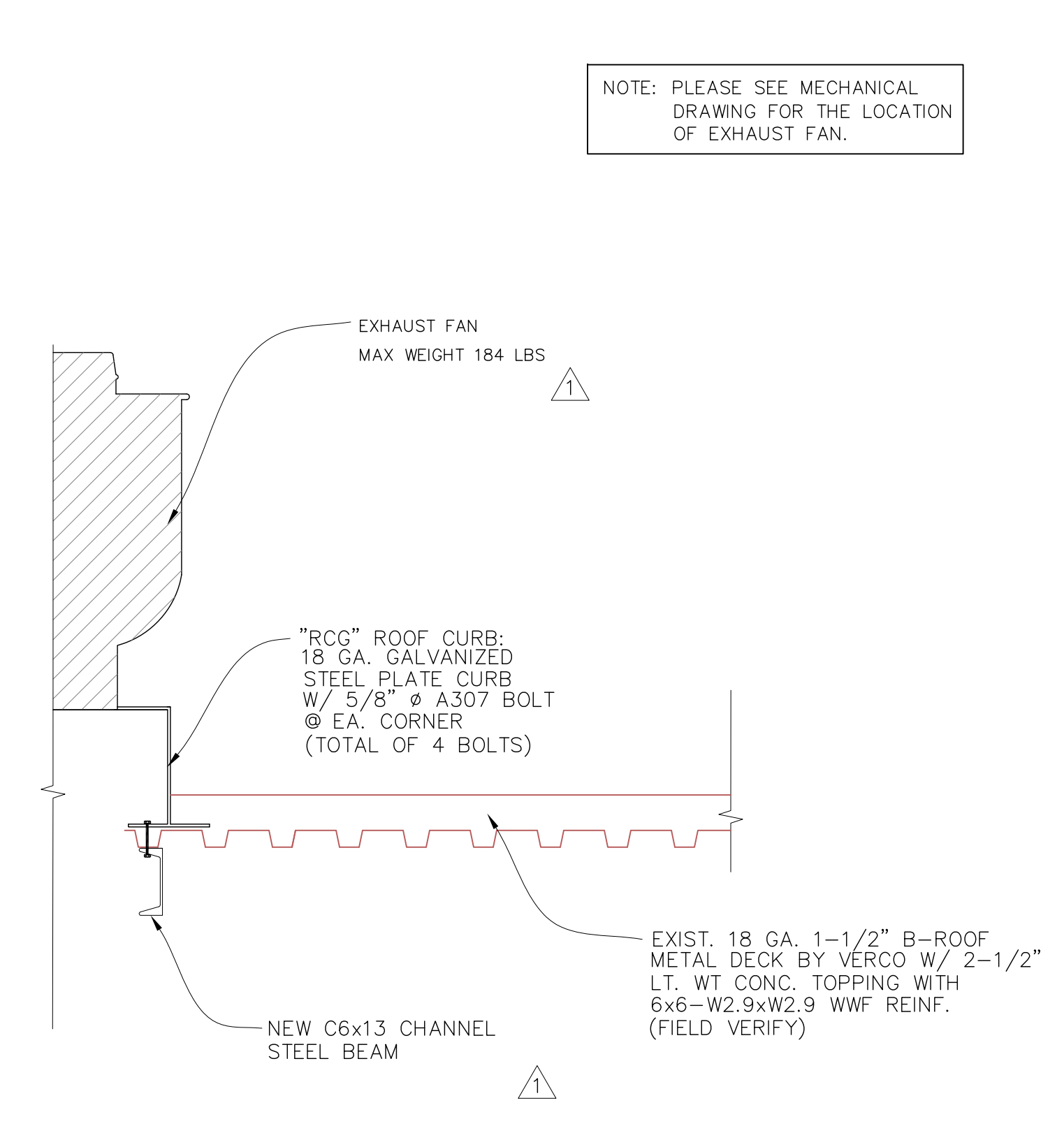
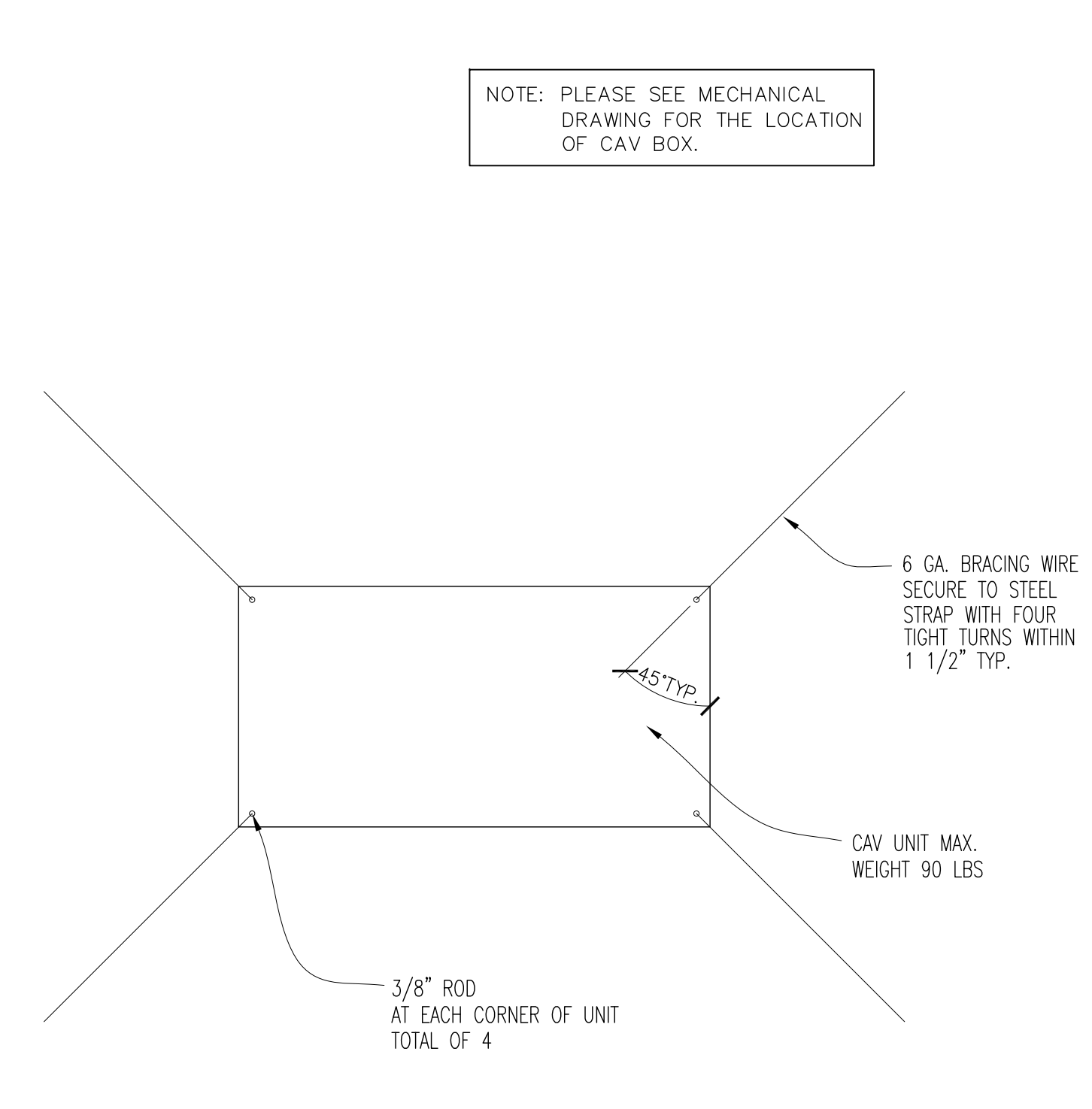
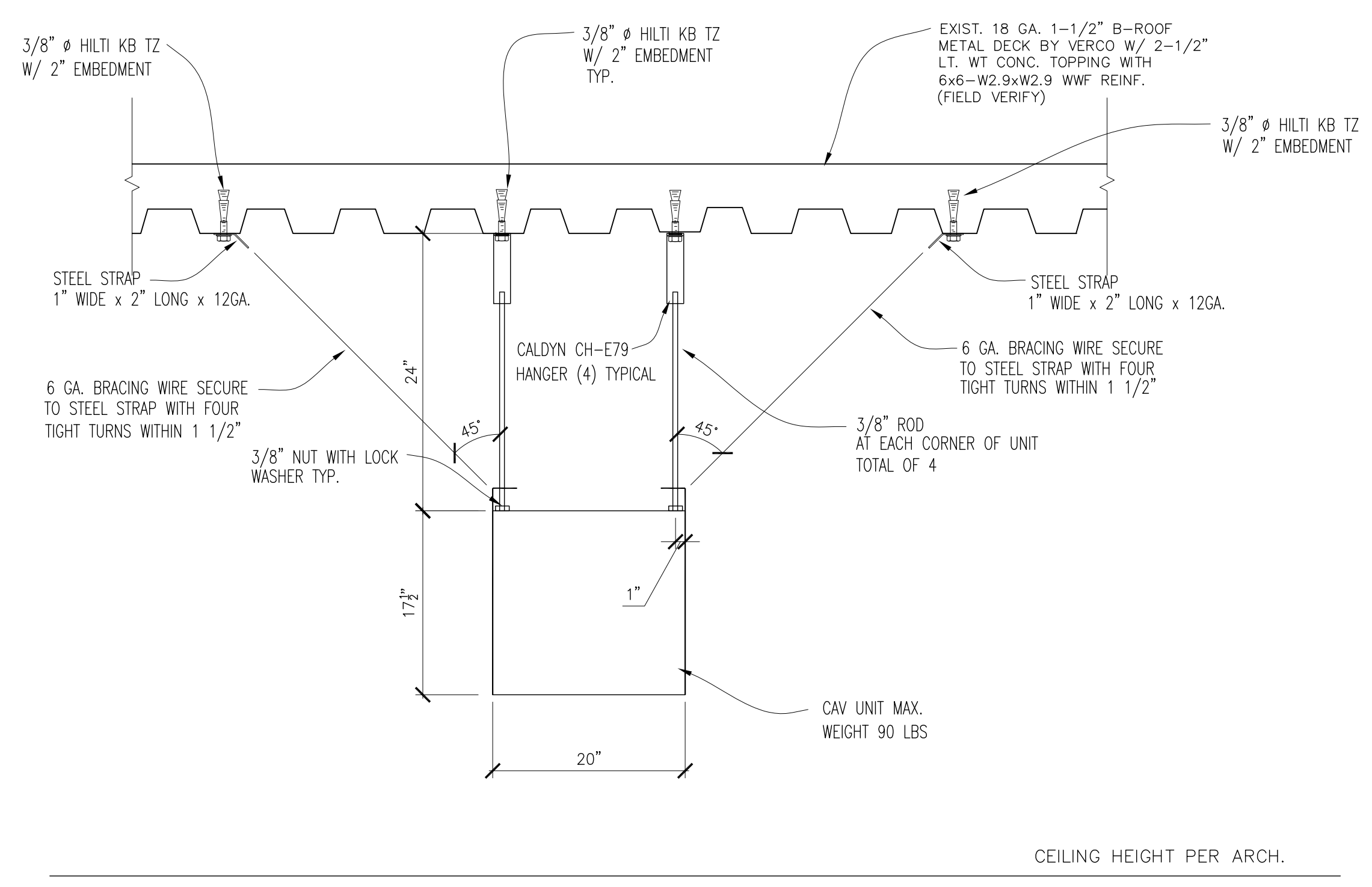
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OSHPD # S162093-37-00

SHEET TITLE:  
**DETAILS**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

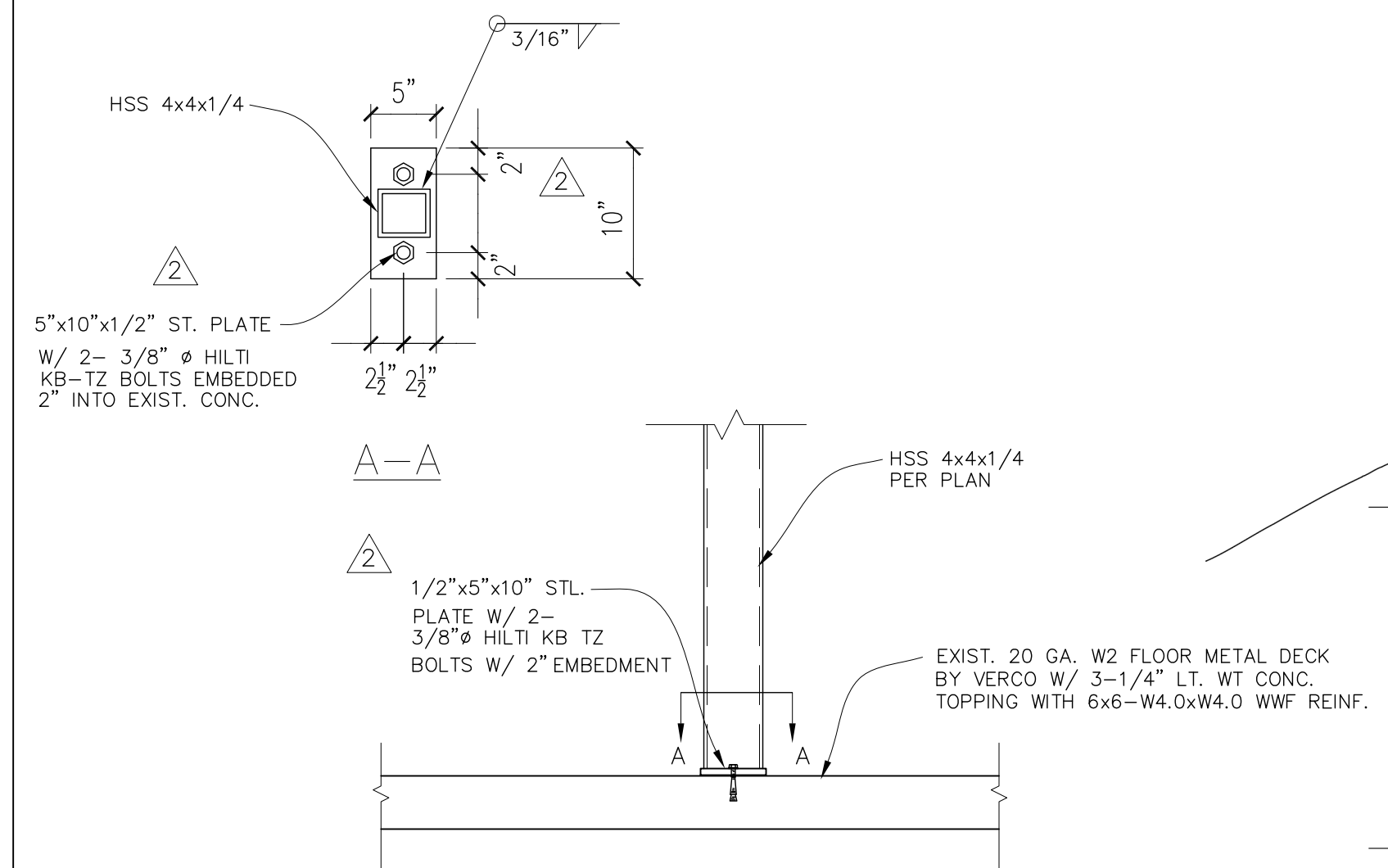
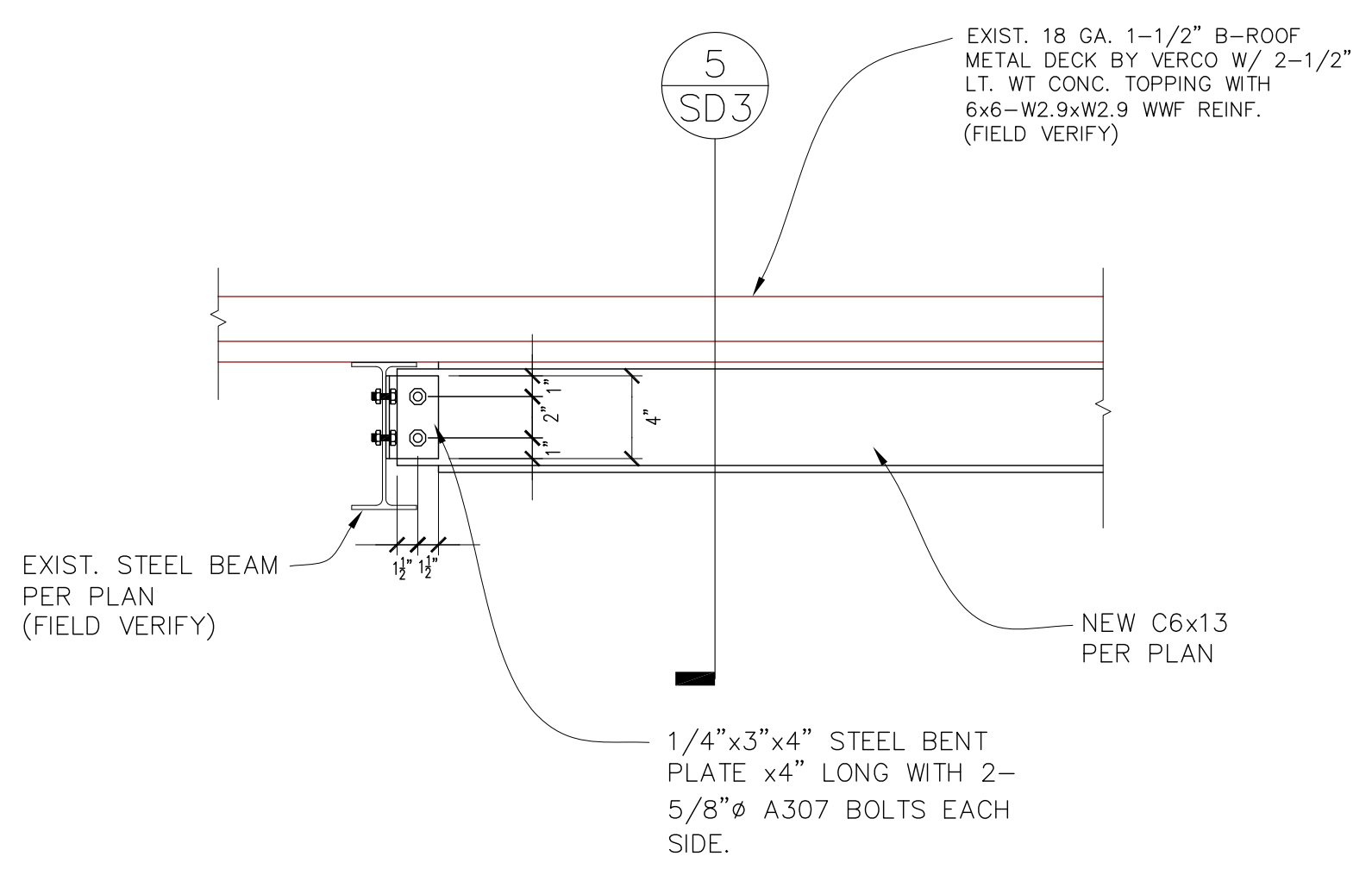
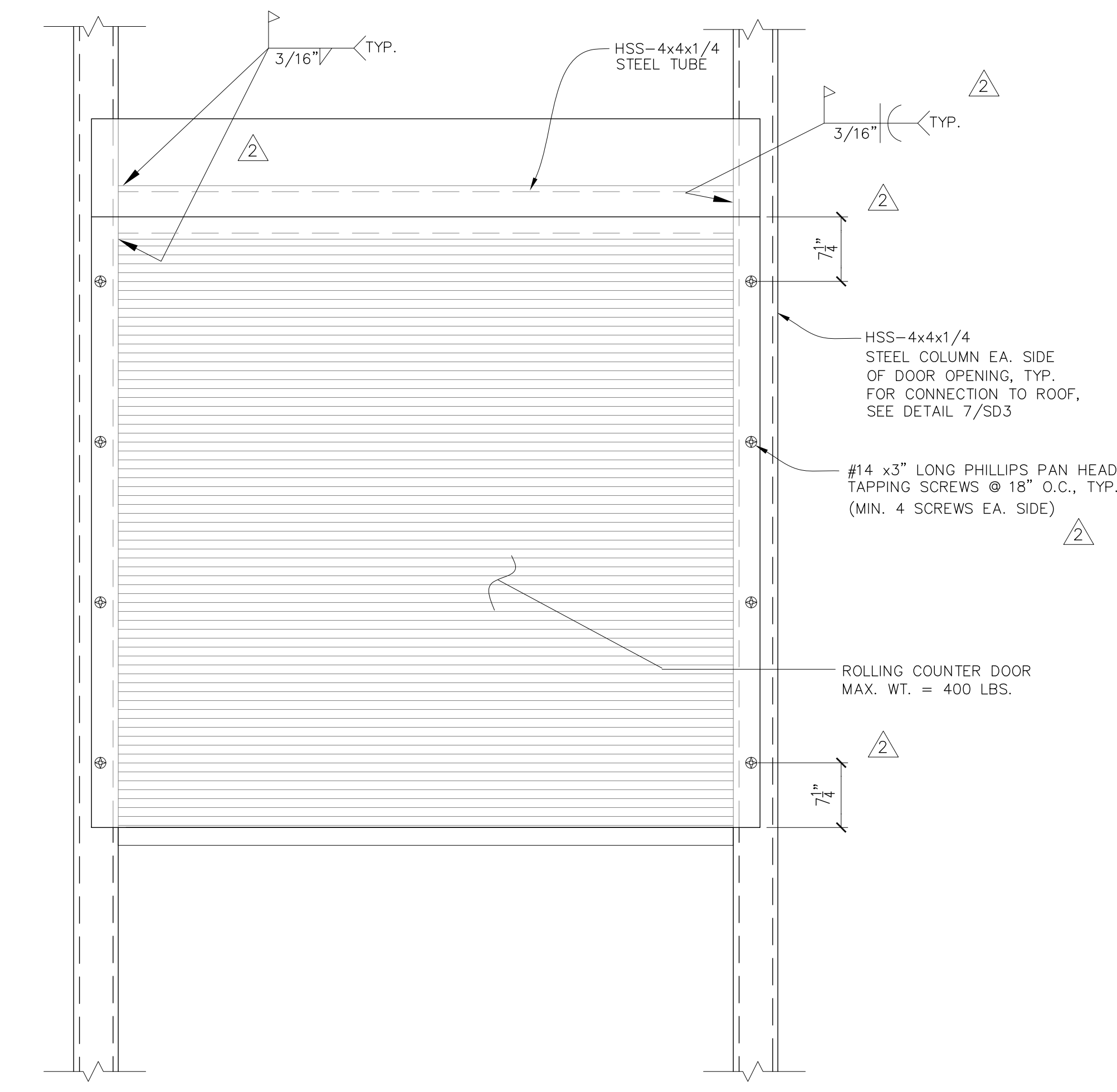
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DRAWN BY: Author  
CHECKED BY: Checker  
SCALE:  
DATE: 08/03/16

**SD3**



**1** ANCHORAGE FOR CAV BOX

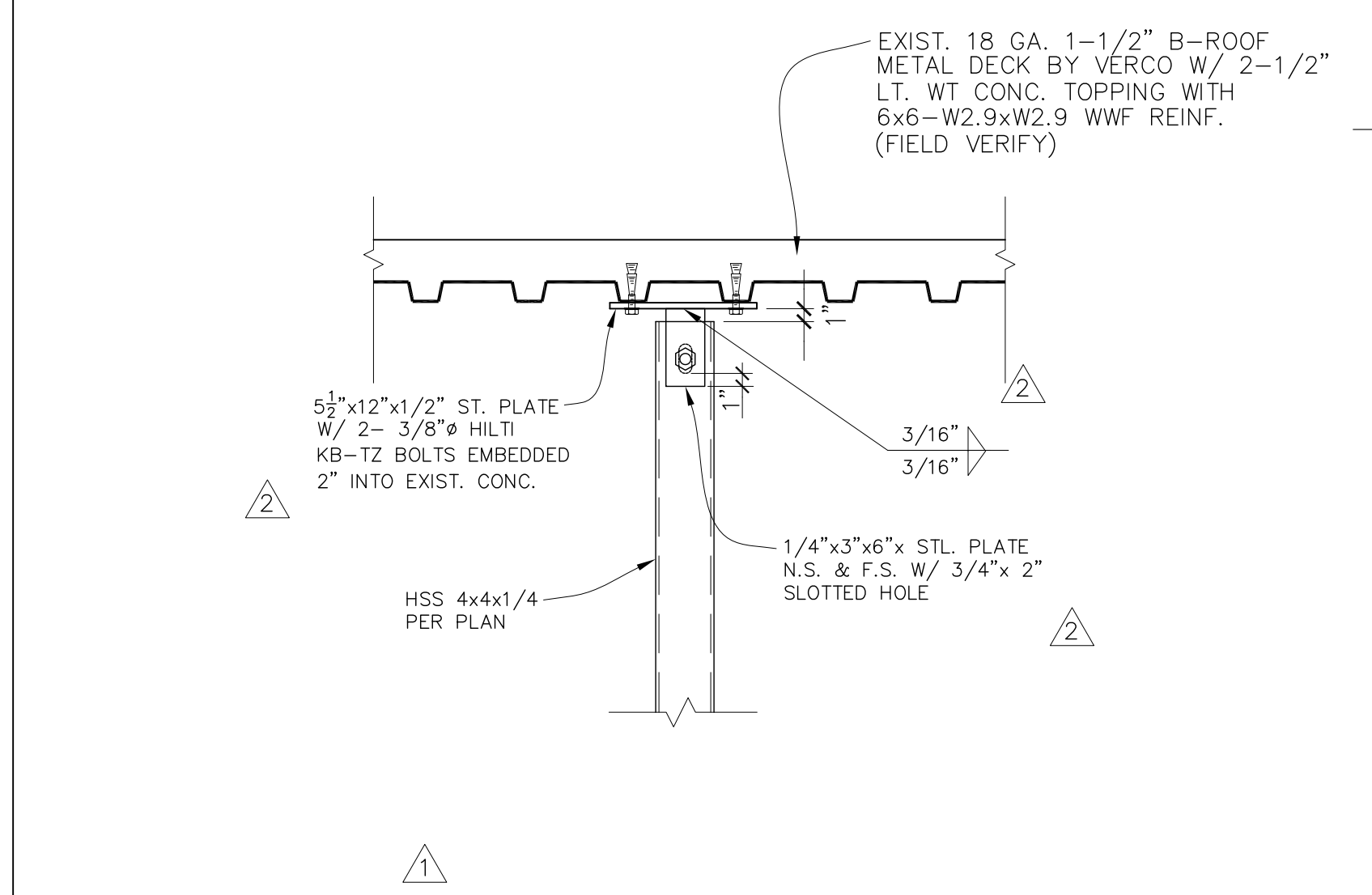
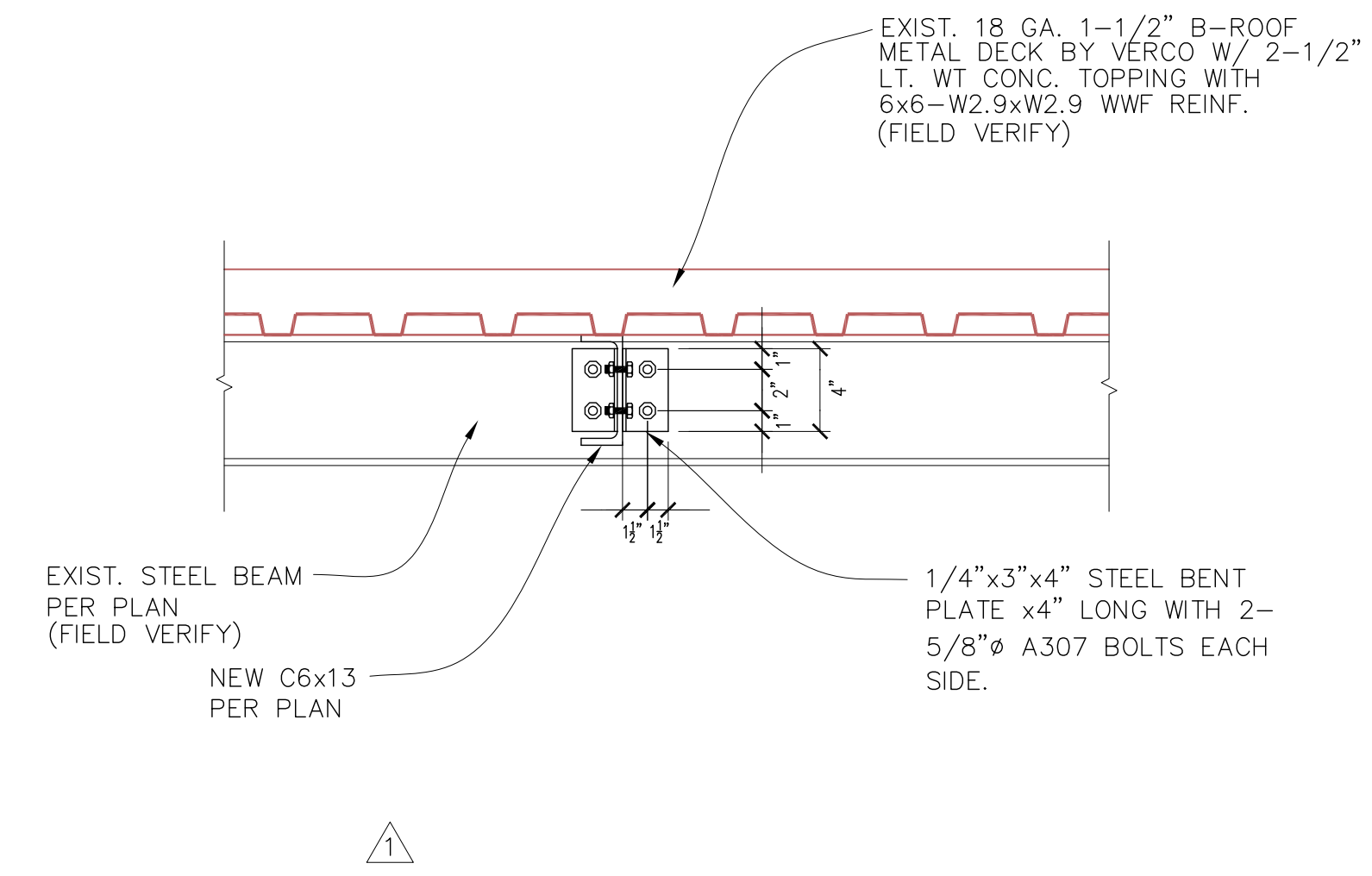
**2** EXHAUST FAN ANCHORAGE



**3** ROLL-UP FIRE DOOR

**4** CONNECTION

**6** CONNECTION



**5** CONNECTION

**7** CONNECTION

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EMERGENCY  
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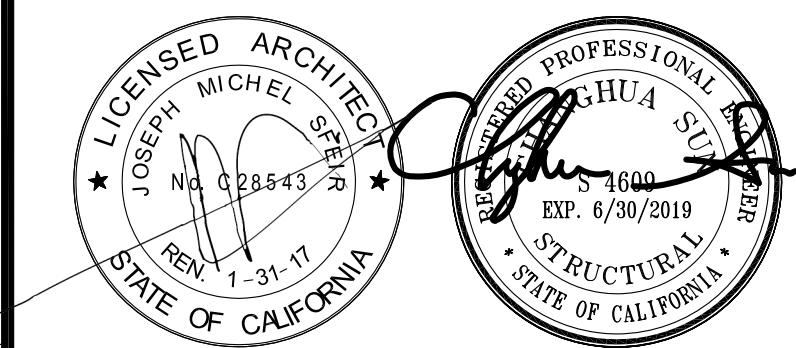
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92056

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1	OSHPD COMMENTS	11/18/16
2	DESIGN CHANGES	11/18/16
3	OSHPD COMMENTS	02/15/17
4	DESIGN CHANGES	06/23/17
5	OSHPD COMMENTS	08/11/17

REV	DESCRIPTION	DATE
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**SUN Structural Engineering, Inc.**  
Consulting Structural Engineers  
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OSHPD #: S162093-37-00

SHEET TITLE:  
**DETAILS**

PROJECT TITLE:  
**TCMC EMERGENCY DEPARTMENT**

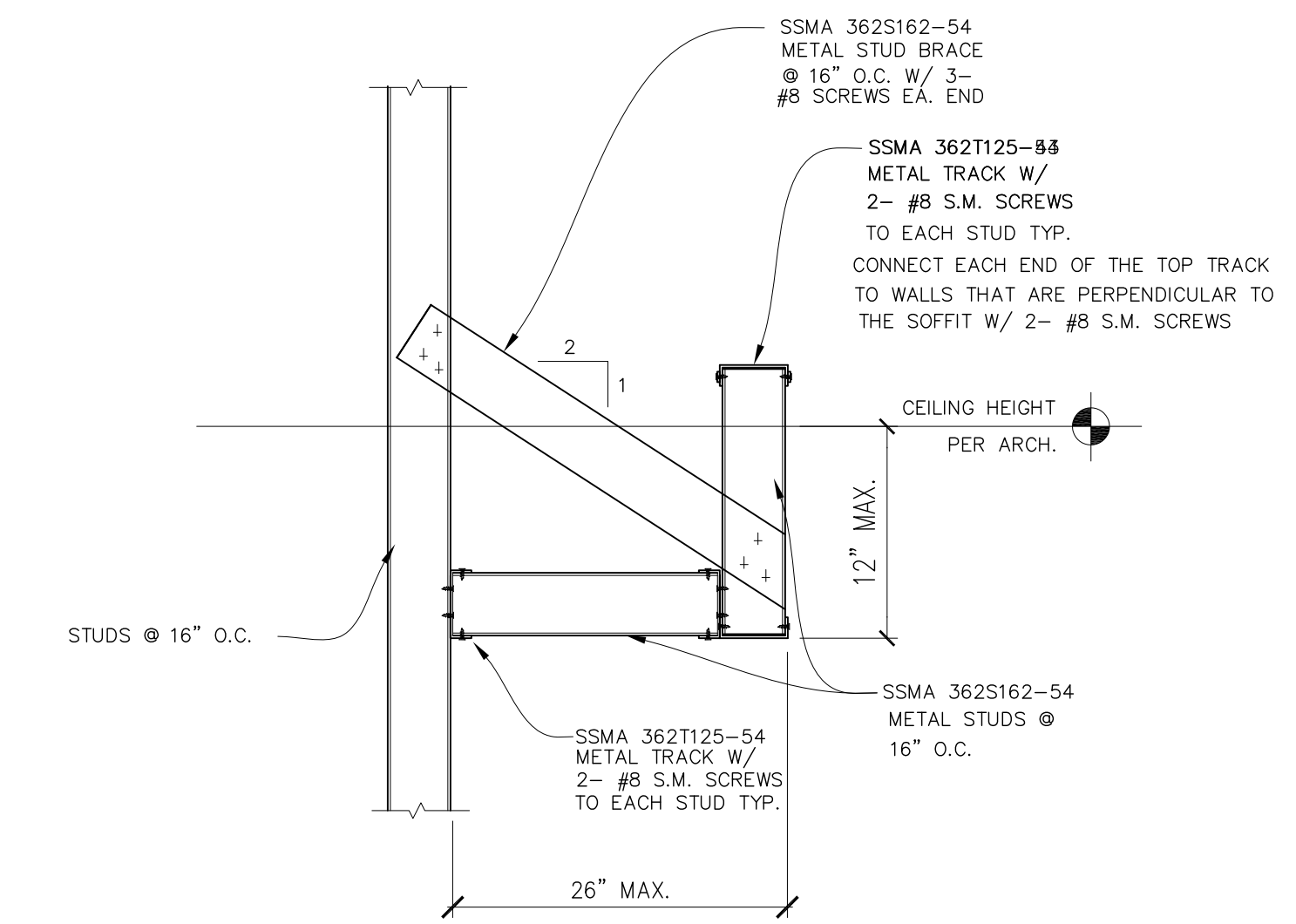
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01593.00

DRAWN BY:  
Author

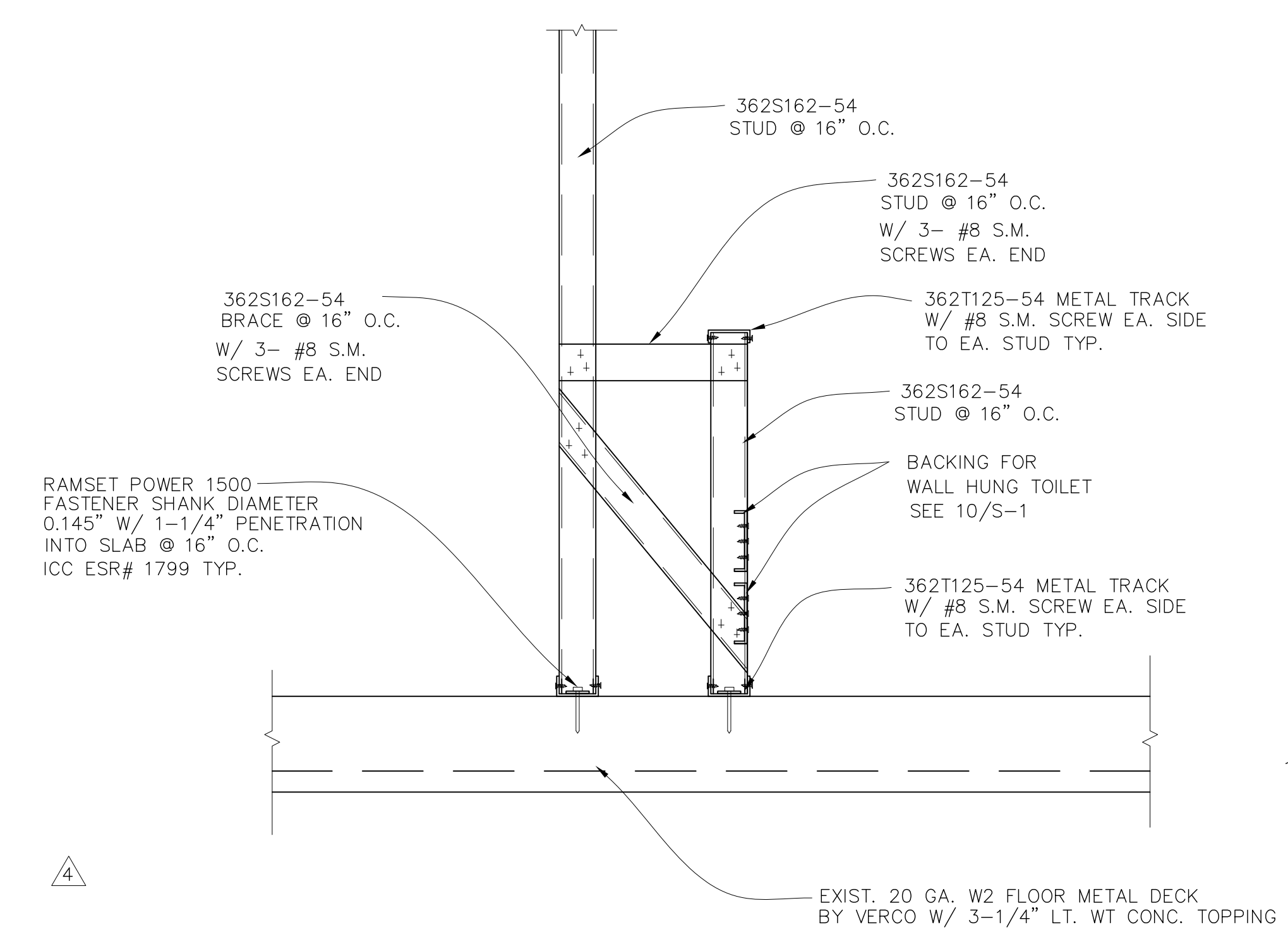
CHECKED BY:  
Checker

SCALE:  
DATE:  
08/03/16

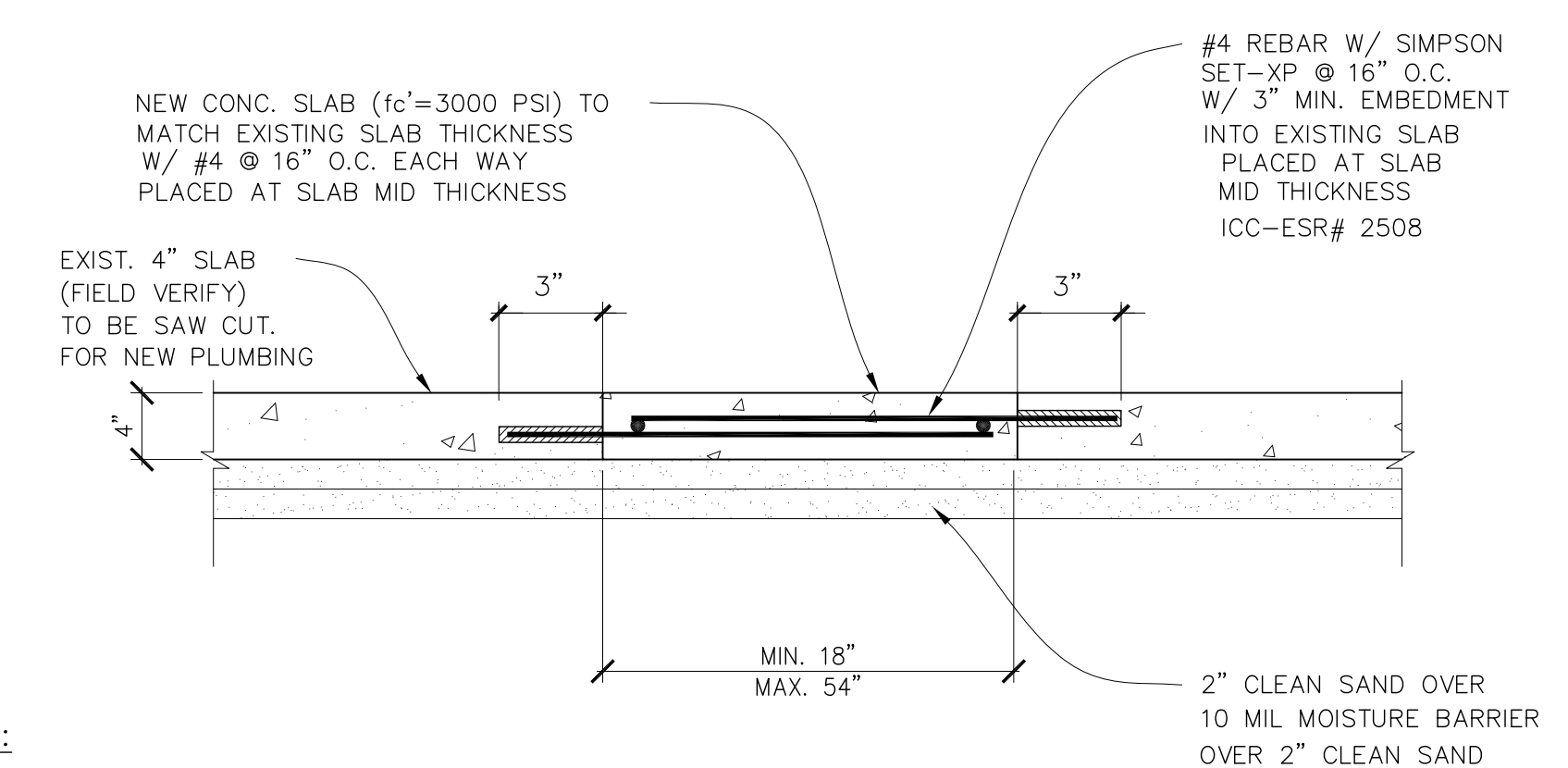
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**SD4**



**2** SOFFIT CONNECTION DETAIL  
SCALE: 1"=1'-0"

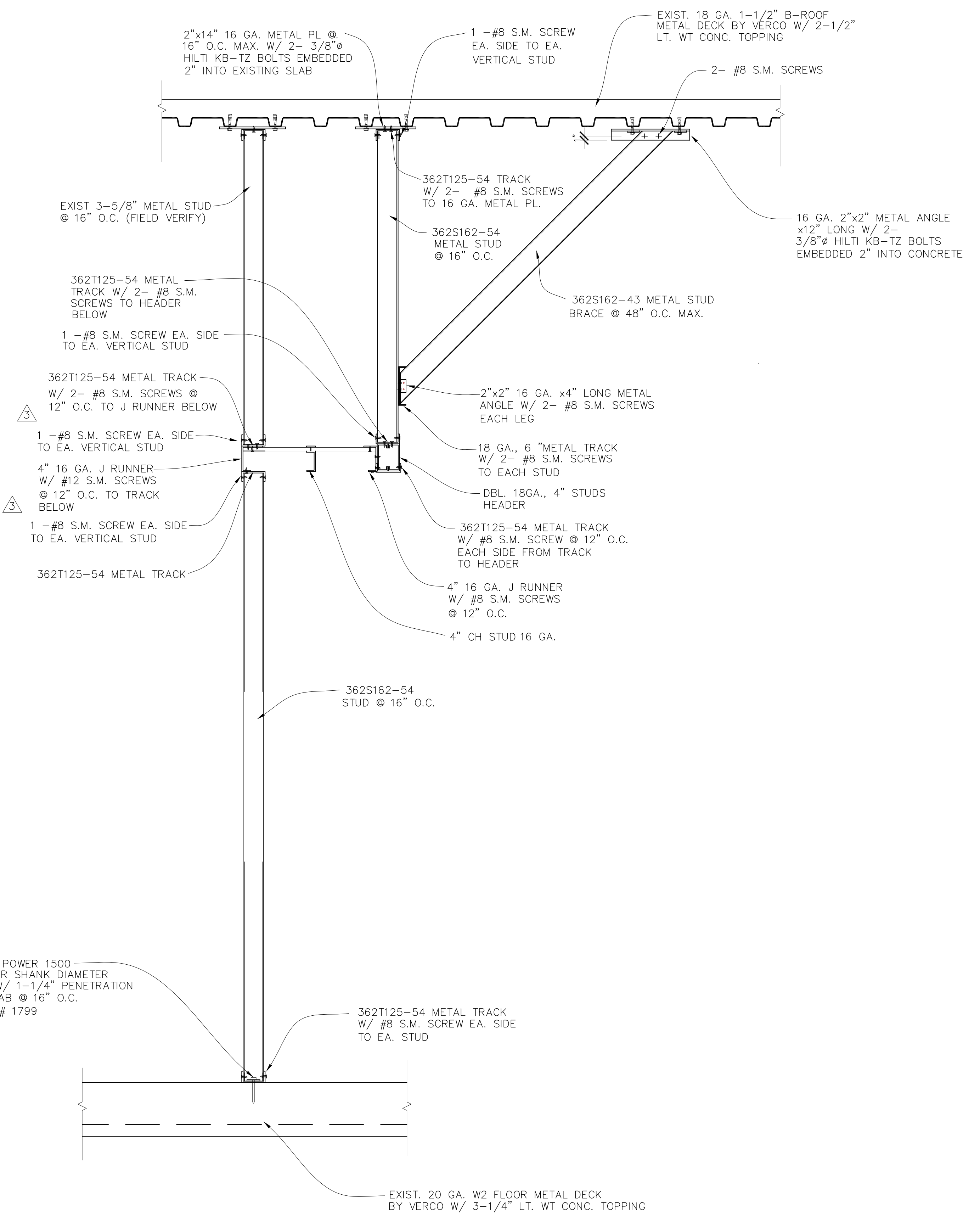


**3** WALL DETAIL AT TOILET  
SCALE: 1"=1'-0"



**4** SAW CUT SLAB CONNECTION  
SCALE: 1"=1'-0"

NOTE:  
COMPACT THE BACKFILL TO 90% OF ITS DRY DENSITY



**1** SOFFIT CONNECTION DETAIL  
SCALE: 1"=1'-0"

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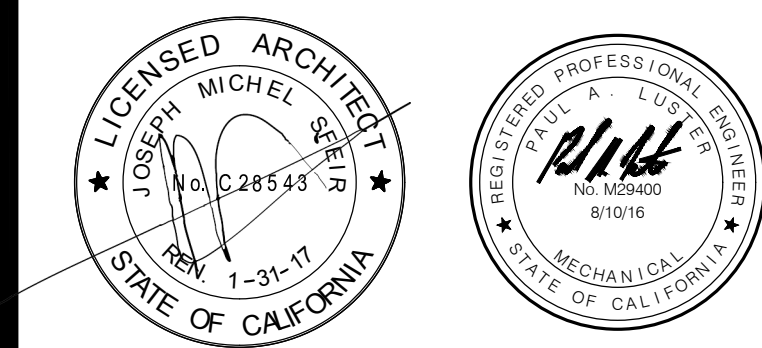
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OCEANSIDE, CALIFORNIA  
92056

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OCEANSIDE, CALIFORNIA 92056  
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ARCHITECT: SFEIR ARCHITECTS  
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SAN DIEGO, CALIFORNIA 92122  
TEL(619)299-3917 FAX(619)299-5084

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△	DESIGN CHANGES	11/18/16
△	OSHPD COMMENTS	02/15/17
△	DESIGN CHANGES	02/15/17
△	OSHPD COMMENTS	08/11/17

REV. DESCRIPTION. DATE.

CONSULTANT  
**p2s** P2S Engineering, Inc.  
9665 Chesapeake Dr., Suite #230  
San Diego, CA 92123  
T 619.618.2347 F 619.330.0668  
www.p2seng.com

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OSHPD #: S162093-37-00

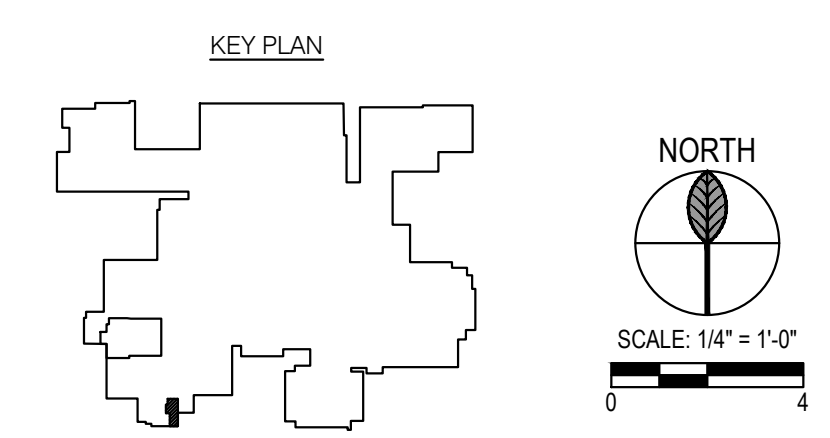
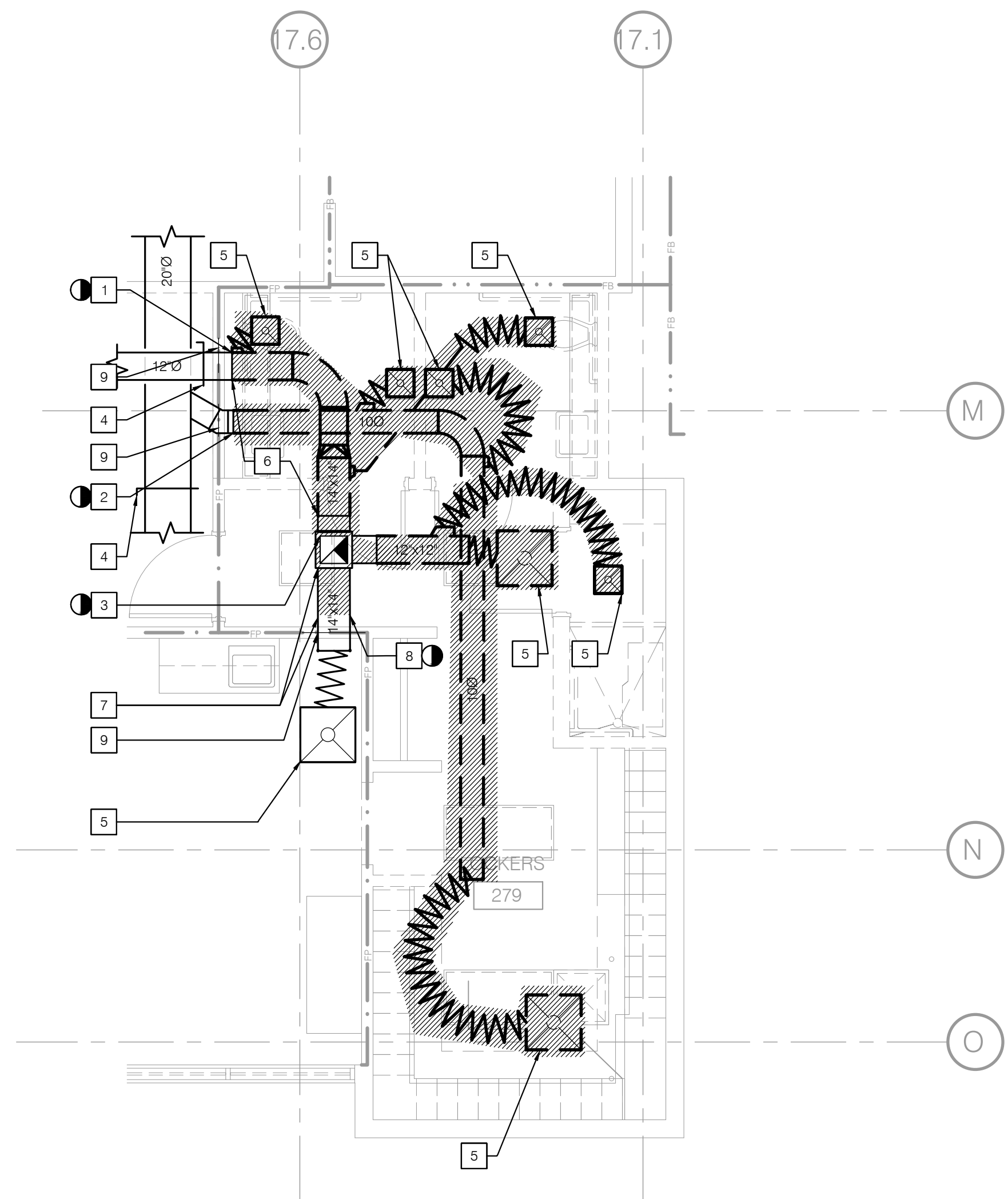
## DEMOLITION PLAN

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00 SHEET NUMBER: \_\_\_\_\_  
DRAWN BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_  
SCALE: As indicated  
DATE: 08/03/16

# MD203

- NOTES
1. POD AT 12" EXHAUST DUCT.
  2. POD AT 10" SUPPLY DUCT.
  3. POD AT 12" X 12" EXHAUST DUCT.
  4. PRE-CONSTRUCTION DUCT TRAVERSE AIR FLOW READINGS.
  5. PROVIDE GRILLE AIRFLOW MEASUREMENT PRIOR TO THE COMMENCEMENT OF ANY WORK.
  6. PROVIDE A TEMPORARY EXHAUST DUCT BETWEEN THE EXHAUST FROM THE FAN AND THE 12" EXHAUST DUCT TO PROVIDE EXHAUST AIR TO AREAS DOWNSTREAM OF THE EXHAUST FAN DURING CONSTRUCTION. ADJUST DAMPER PROVIDED TO MAINTAIN PRE CONSTRUCTION AIRFLOW READING.
  7. PROVIDE A TEMPORARY EXHAUST DUCT BETWEEN THE EXHAUST FROM THE FAN AND THE 14" X 14" EXHAUST DUCT TO PROVIDE EXHAUST AIR TO AREAS DOWNSTREAM OF THE EXHAUST FAN DURING CONSTRUCTION. ADJUST DAMPER PROVIDED TO MAINTAIN PRE CONSTRUCTION AIRFLOW READING.
  8. POD AT 14" X 14" EXHAUST DUCT.
  9. EXISTING FIRE DAMPERS.



# TCMC EMERGENCY DEPARTMENT

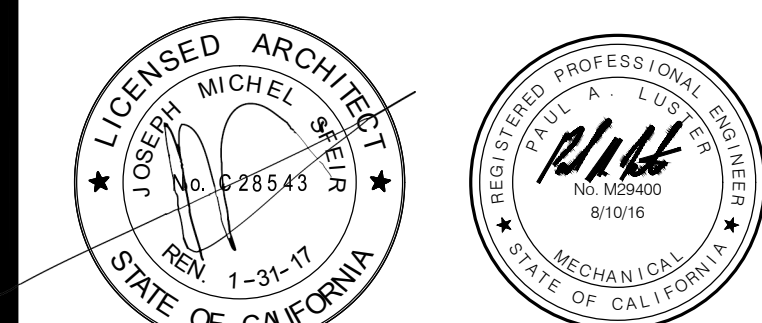
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CENTER  
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OCEANSIDE, CALIFORNIA  
92056

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4002 VISTA WAY  
OCEANSIDE, CALIFORNIA 92056  
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△	OSHPD COMMENTS	11/18/16
△	DESIGN CHANGES	11/18/16
△	OSHPD COMMENTS	02/15/17
△	DESIGN CHANGES	02/15/17
△	OSHPD COMMENTS	08/11/17

REV: \_\_\_\_\_ DESCRIPTION: \_\_\_\_\_ DATE: \_\_\_\_\_

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OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

## RENOVATION PLAN

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT #:  
01593.00

DATE:  
08/03/16

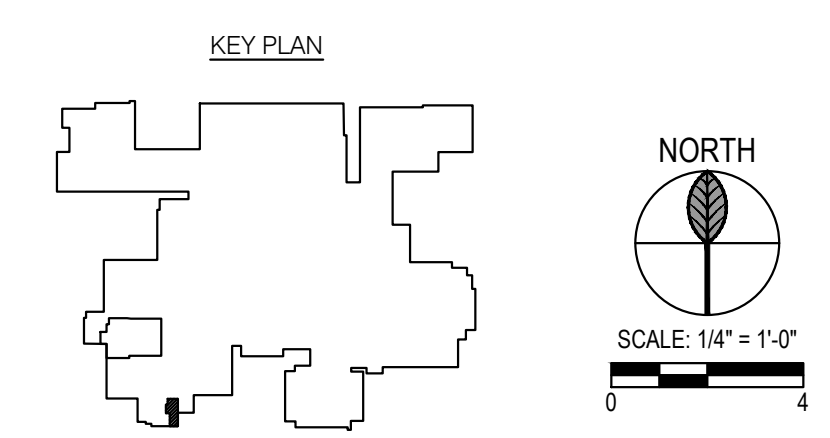
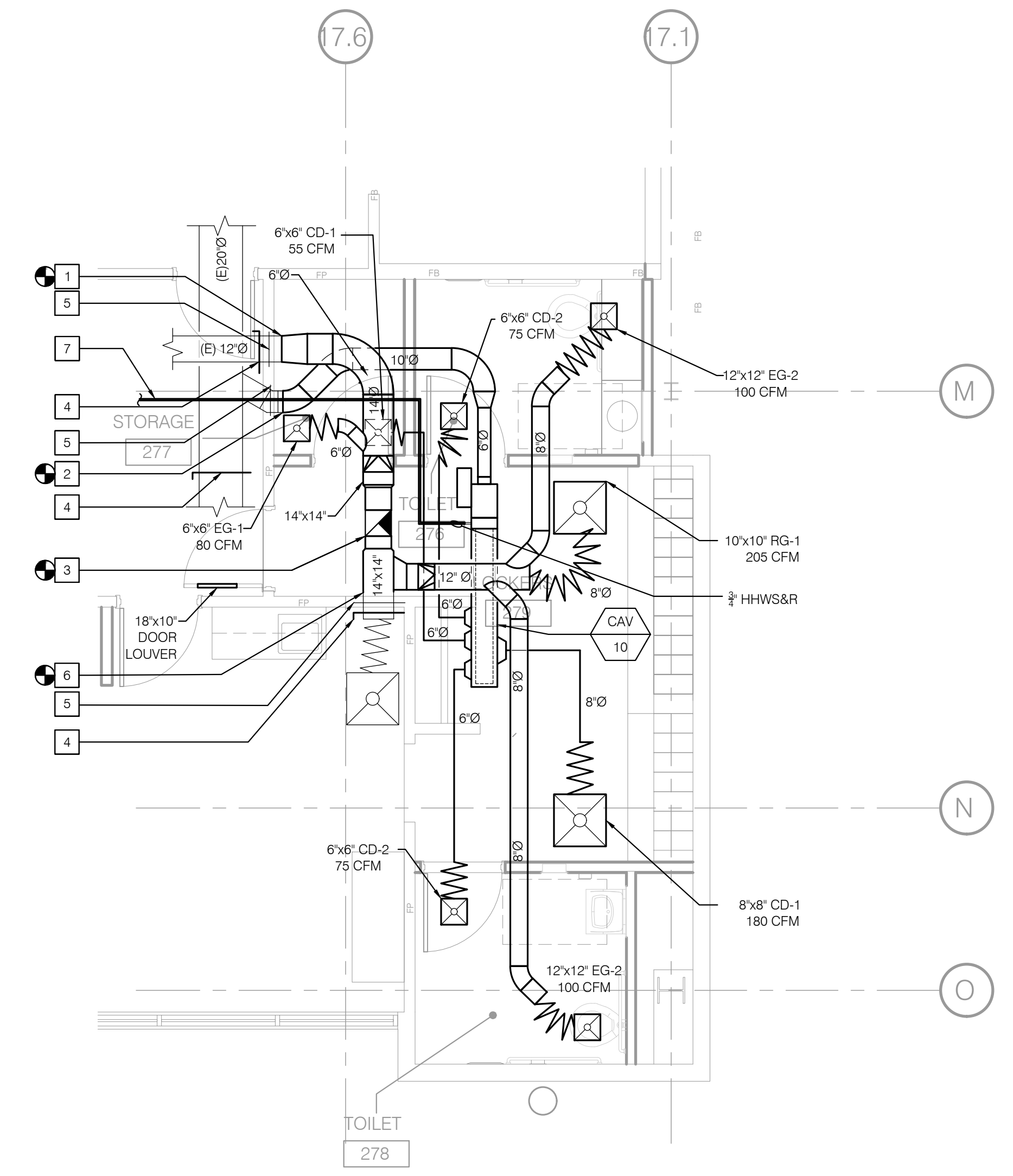
SHEET NUMBER:  
M203

SCALE:  
As indicated

DATE:  
08/03/16

P2S No. 8232

- NOTES
- POC TO 12" EXHAUST DUCT.
  - POC 10" SUPPLY DUCT.
  - POC TO 12" X 12" EXHAUST DUCT TO FAN.
  - PROVIDE MANUAL BRANCH VOLUME DAMPER. BALANCE TO PRE-CONSTRUCTION AIR FLOW READ VALUES. VERIFY (E) DUCT SIZE PRIOR TO PROCUREMENT OR FABRICATION OF DAMPER.
  - EXISTING FIRE DAMPER.
  - POC TO 12" X 12" EXHAUST DUCT.
  - INTERCEPT HHWS & R MAINS IN THE CEILING SPACE OF THE ADJACENT ROOM.







# TCMC EMERGENCY DEPARTMENT

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92056

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OCEANSIDE, CALIFORNIA 92056  
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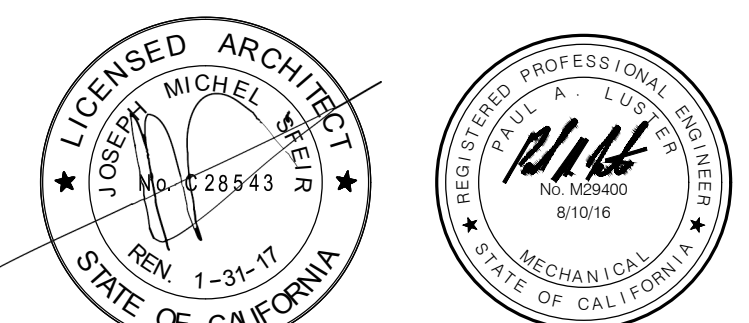
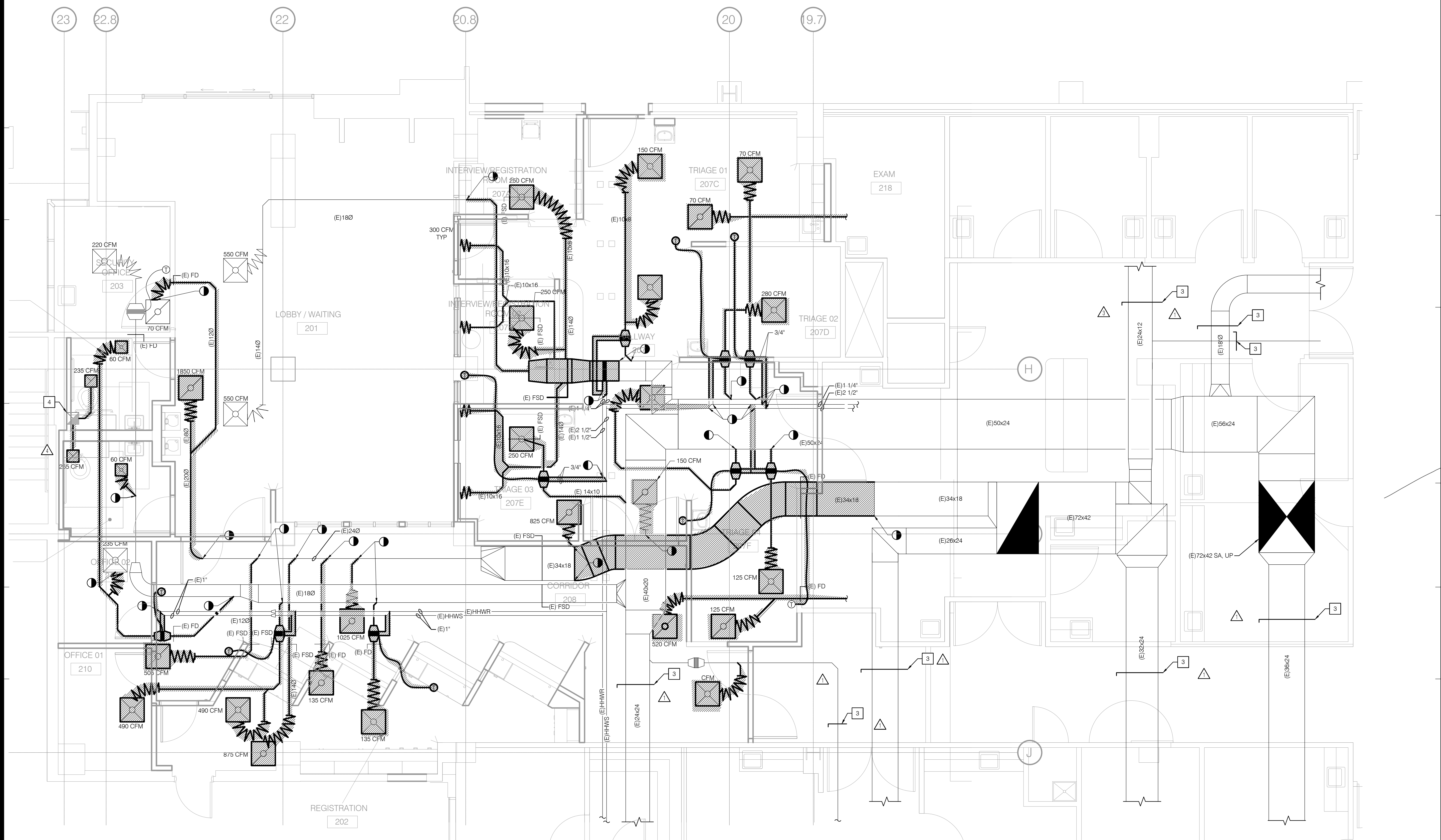
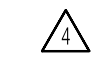
ARCHITECT: SFEIR ARCHITECTS  
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SAN DIEGO, CALIFORNIA 92122  
TEL(619)299-3917 FAX(619)299-5084

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CARLSBAD, CALIFORNIA 92011  
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SAN DIEGO, CALIFORNIA 92123  
TEL(619)618-2347 FAX(619)330-0668

**NOTES**

- 1 ALL DEMOLITION WITHIN THIS AREA SHALL BE COMPLETE IN PHASE 1
- 2 ALL DEMOLITION WITHIN THIS AREA SHALL BE COMPLETE IN PHASE 2
- 3 PRE-CONSTRUCTION DUCT TRAVERSE AIR FLOW READINGS.
- 4 REMOVE EXISTING EXHAUST FAN SERVING THE ED WAITING ROOM TOILETS AND CAP THE ROOF OPENING AND THE DUCT BELOW THE CEILING.



OSHPD COMMENTS	11/18/16
DESIGN CHANGES	11/18/16
OSHPD COMMENTS	02/15/17
DESIGN CHANGES	02/15/17
OSHPD COMMENTS	08/11/17

REV:	DESCRIPTION:	DATE:
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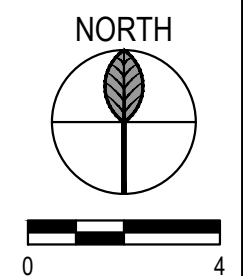
CONSULTANT  
**p2s** P2S Engineering, Inc.  
9665 Chesapeake Dr., Suite #230  
San Diego, CA 92123  
T 619.618.2347 F 619.330.0668  
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OSHPD #: S162093-37-00

SHEET TITLE:  
**OVERALL DEMOLITION  
PLAN**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00 SHEET NUMBER:  
DRAWN BY:  
CHECKED BY: **MD201**  
SCALE: As indicated  
DATE: 08/03/16 P2S No. 8232



**TCMC  
EMERGENCY  
DEPARTMENT**

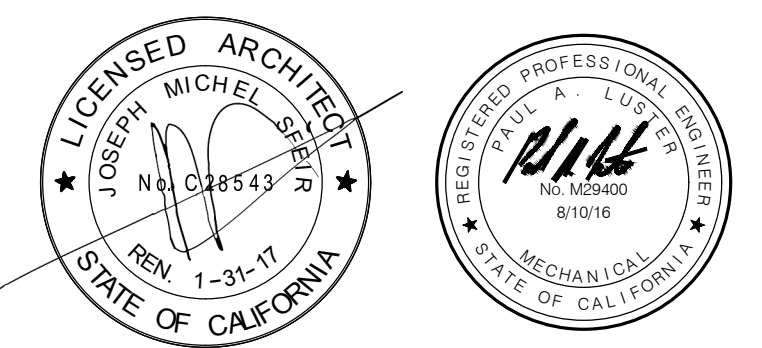
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92056

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OSHPD COMMENTS	11/18/16
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OSHPD COMMENTS	02/15/17
DESIGN CHANGES	02/15/17
OSHPD COMMENTS	08/11/17

REV: DESCRIPTION: DATE:

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OSHPD #: S162093-37-00

**RENOVATION PLAN**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

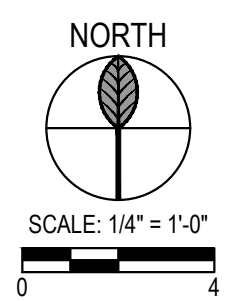
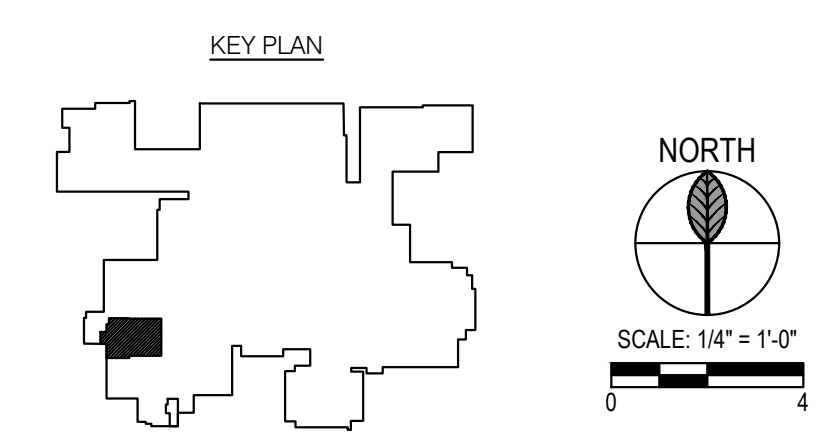
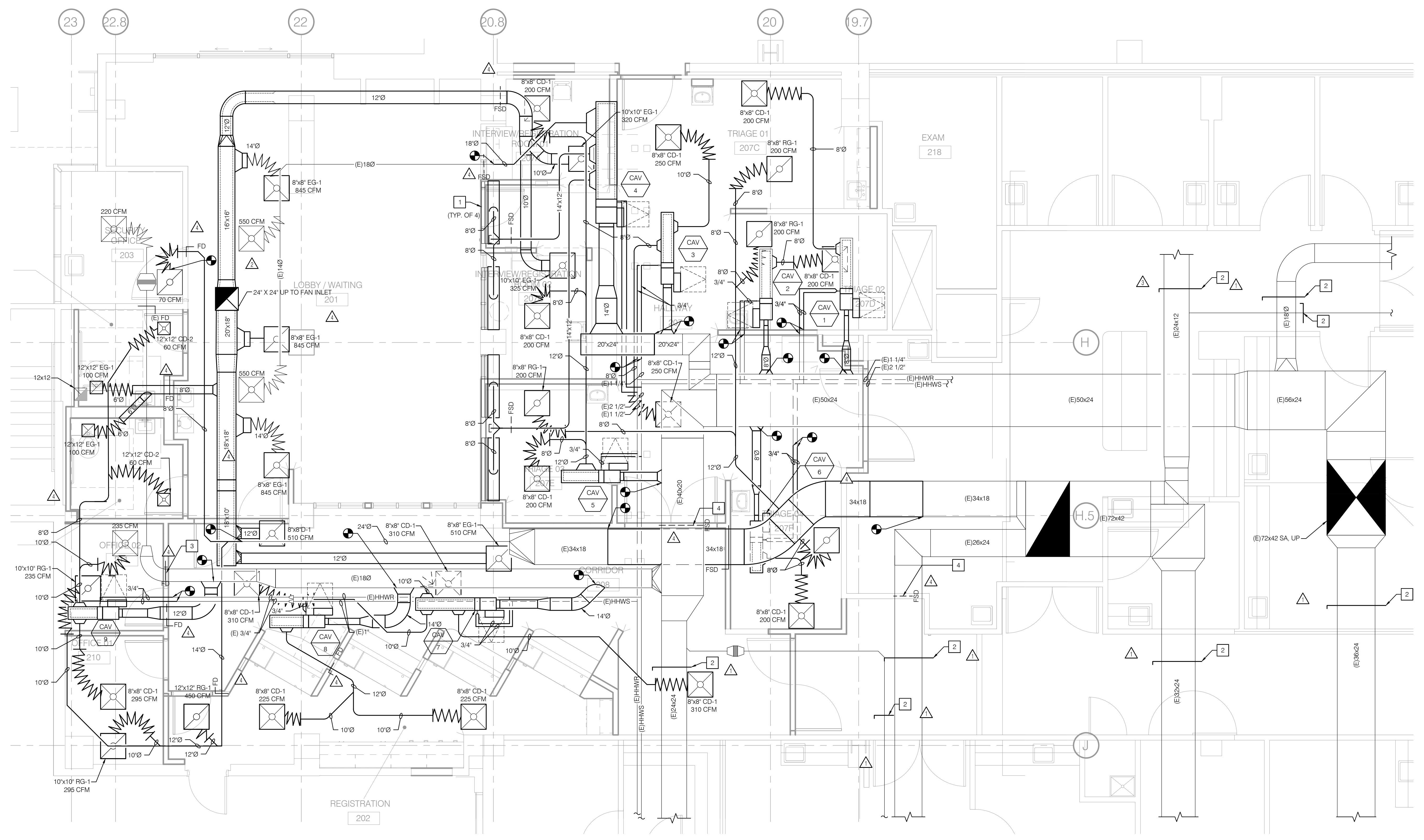
PROJECT #: 01593.00 SHEET NUMBER:  
DRAWN BY: M201

CHECKED BY: DATE: 08/03/16

SCALE: As indicated

P2S No. 8232

- NOTES**
- EXISTING SIDEWALL SA TO REMAIN WITH NEW SA PLENUM. BALANCE TO 450 CFM.
  - PROVIDE MANUAL BRANCH VOLUME DAMPER. BALANCE TO PRE-CONSTRUCTION AIR FLOW READ VALUES.
  - PROVIDE FIRE DAMPER FOR EXISTING DUCT. CONFIRM DUCT SIZE PRIOR TO THE PROCUREMENT OF THE FIRE DAMPER.
  - PROVIDE FIRE SMOKE DAMPER FOR EXISTING DUCT. CONFIRM DUCT SIZE PRIOR TO THE PROCUREMENT OF THE FIRE SMOKE DAMPER.





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DEPARTMENT

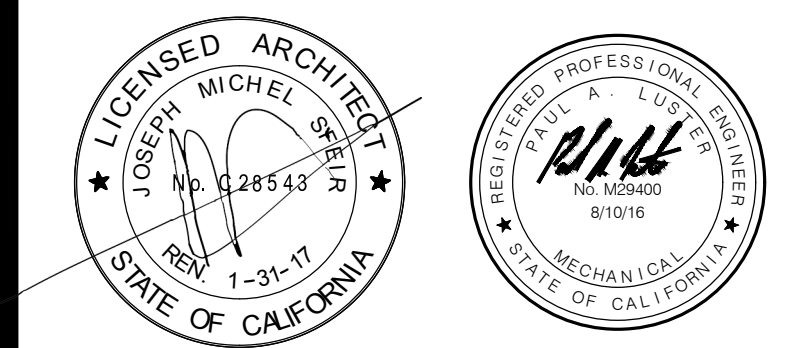
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OCEANSIDE, CALIFORNIA  
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ARCHITECT: SFEIR ARCHITECTS  
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TEL(619)299-3917 FAX(619)299-5084

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△	DESIGN CHANGES	11/18/16
△	OSHPD COMMENTS	02/15/17
△	DESIGN CHANGES	02/15/17
△	OSHPD COMMENTS	08/11/17

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CONSULTANT  
**p2S** P2S Engineering, Inc.  
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OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

SHEET TITLE:  
RENOVATION  
ROOF PLAN

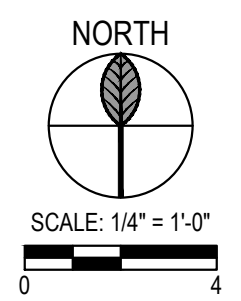
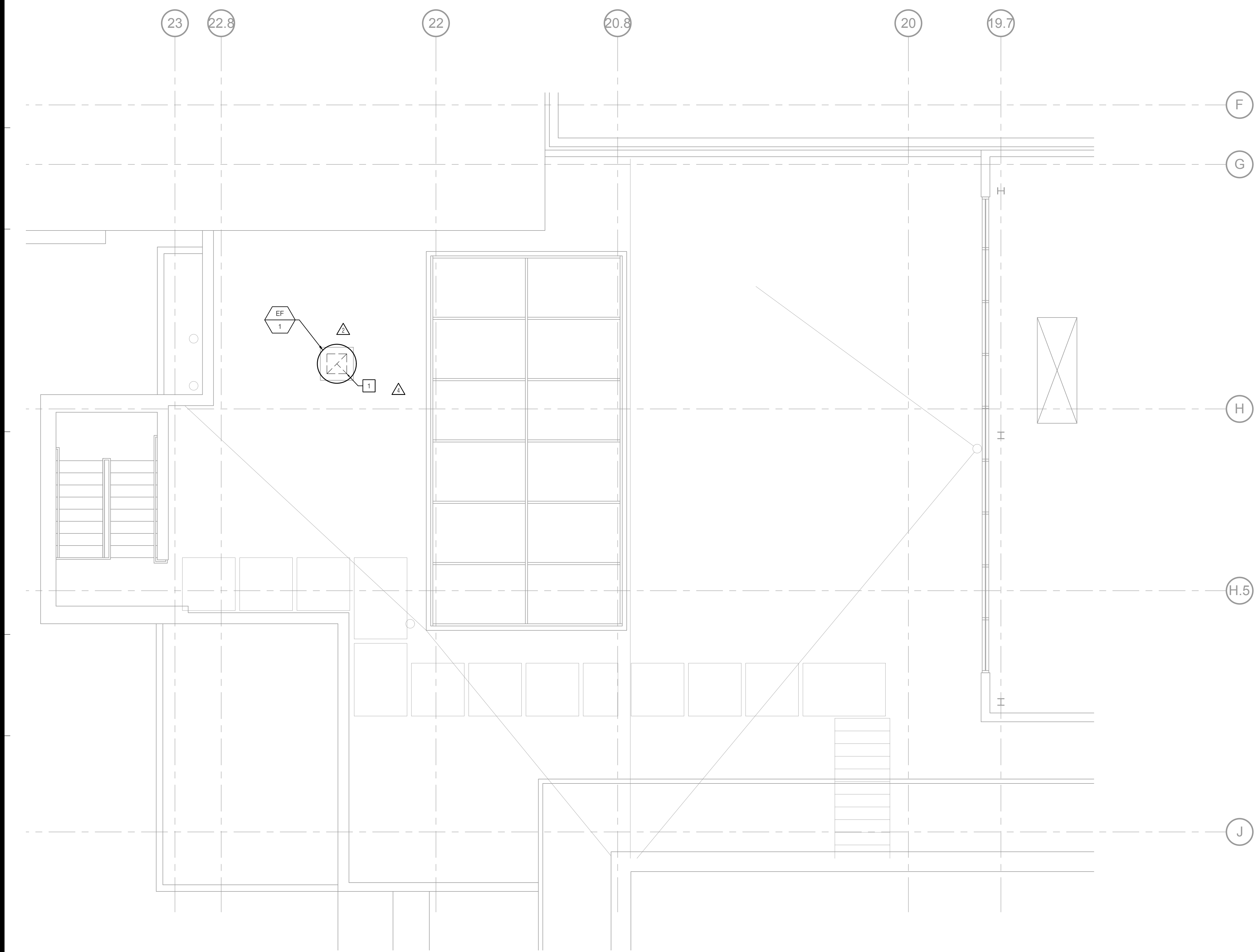
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TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00 SHEET NUMBER:  
DRAWN BY:  
CHECKED BY:  
SCALE: As indicated  
DATE: 08/03/16

M202

P2S No. 8232

NOTES  
1 18" X 18" EXHAUST DUCT DOWN THROUGH ROOF  
TRANSITIONS TO 24" X 24" EXHAUST DUCT.



# TCMC EMERGENCY DEPARTMENT

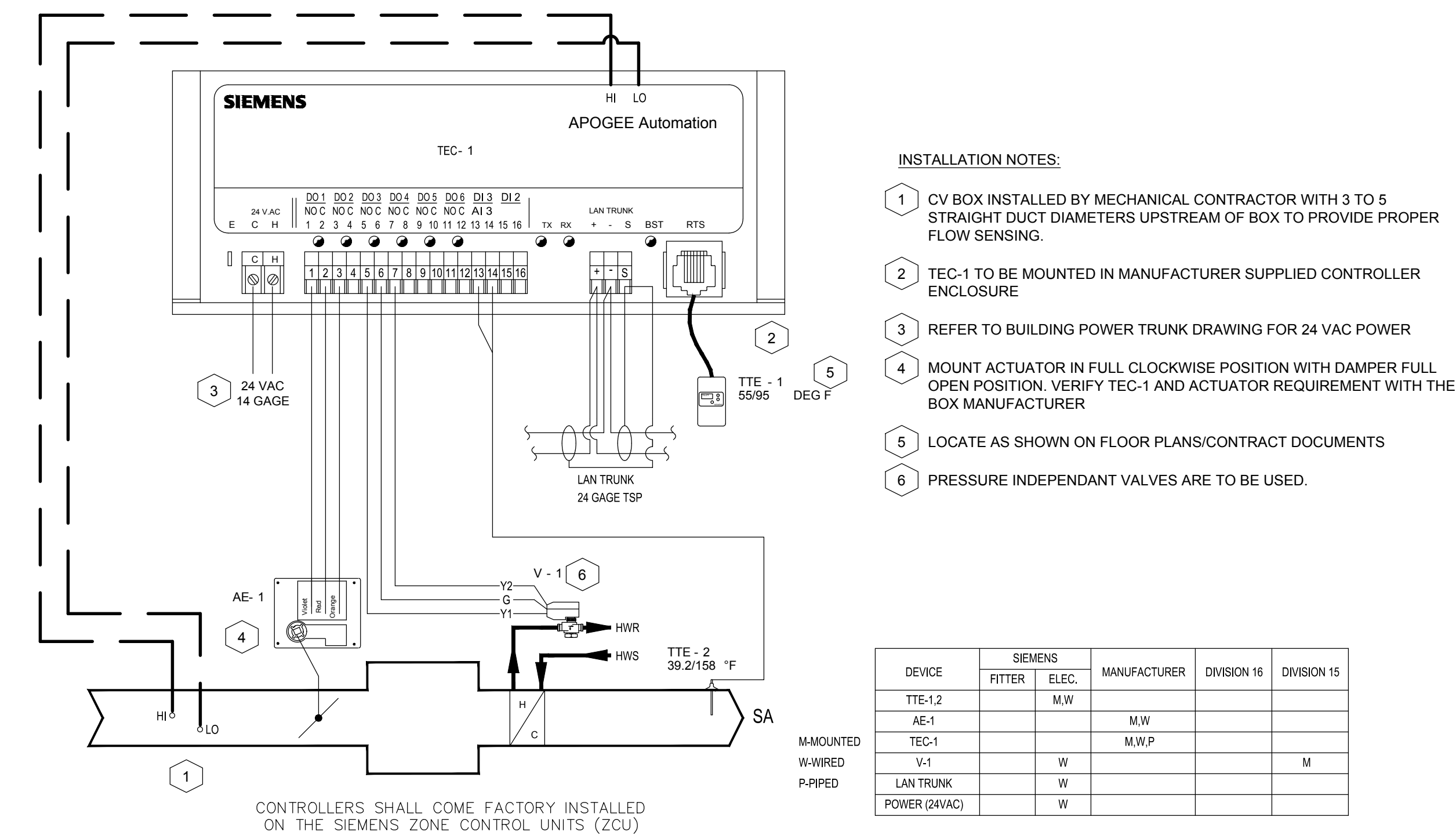
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CENTER  
4002 VISTA WAY  
OCEANSIDE, CALIFORNIA  
92056

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

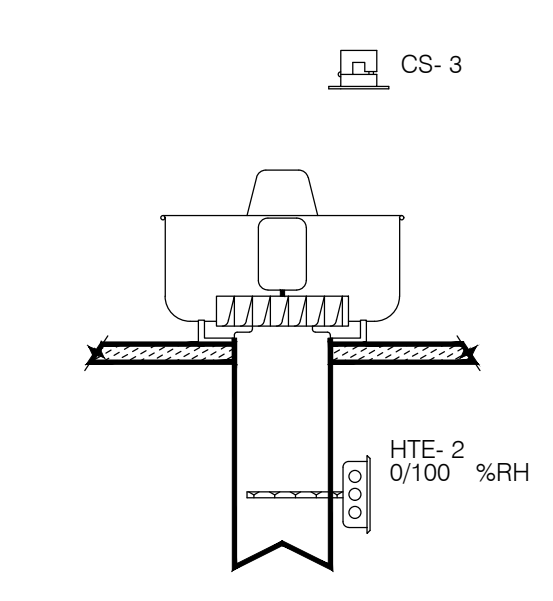
ARCHITECT: SFEIR ARCHITECTS  
5151 SHOREHAM PLACE, SUITE 100  
SAN DIEGO, CALIFORNIA 92122  
TEL(619)299-3917 FAX(619)299-5084

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

ME&P: P2S  
9665 CHESAPEAKE DRIVE, SUITE 230  
SAN DIEGO, CALIFORNIA 92123  
TEL(619)618-2347 FAX(619)330-0668



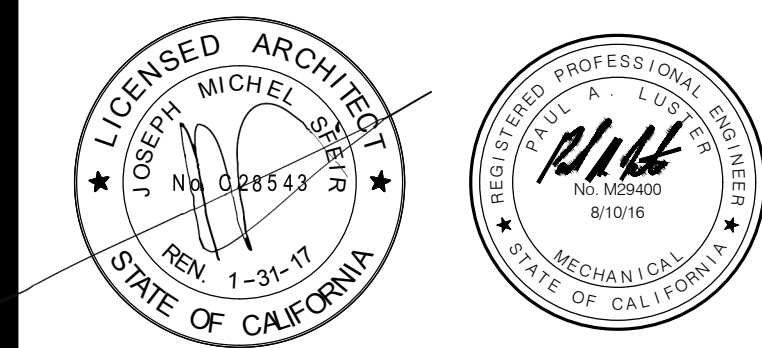
2 CAV CONTROL DIAGRAM  
NO SCALE



**EF-1 DDC POINT SCHEDULE**

POINT	DESCRIPTION	AO	AI	DO	DI
VFD-3	EX-HAUST FAN			X	X
HTE-2	EXHAUST AIR HUMIDITY (RH)		X		
CS-3	STATUS				X

1 EXHAUST FAN CONTROL DIAGRAM  
NO SCALE



REV.	DESCRIPTION	DATE
1	OSHPD COMMENTS	11/18/16
2	DESIGN CHANGES	11/18/16
3	OSHPD COMMENTS	02/15/17
4	DESIGN CHANGES	02/15/17
5	OSHPD COMMENTS	08/11/17

CONSULTANT  
**p2s** P2S Engineering, Inc.  
9665 Chesapeake Dr., Suite #230  
San Diego, CA 92123  
T 619.618.2347 F 619.330.0668  
www.p2seng.com

OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

## DIAGRAMS / CONTROLS

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00 SHEET NUMBER:  
DRAWN BY:  
CHECKED BY:  
SCALE: As indicated  
DATE: 08/03/16

**M501**

TCMC  
EMERGENCY  
DEPARTMENT

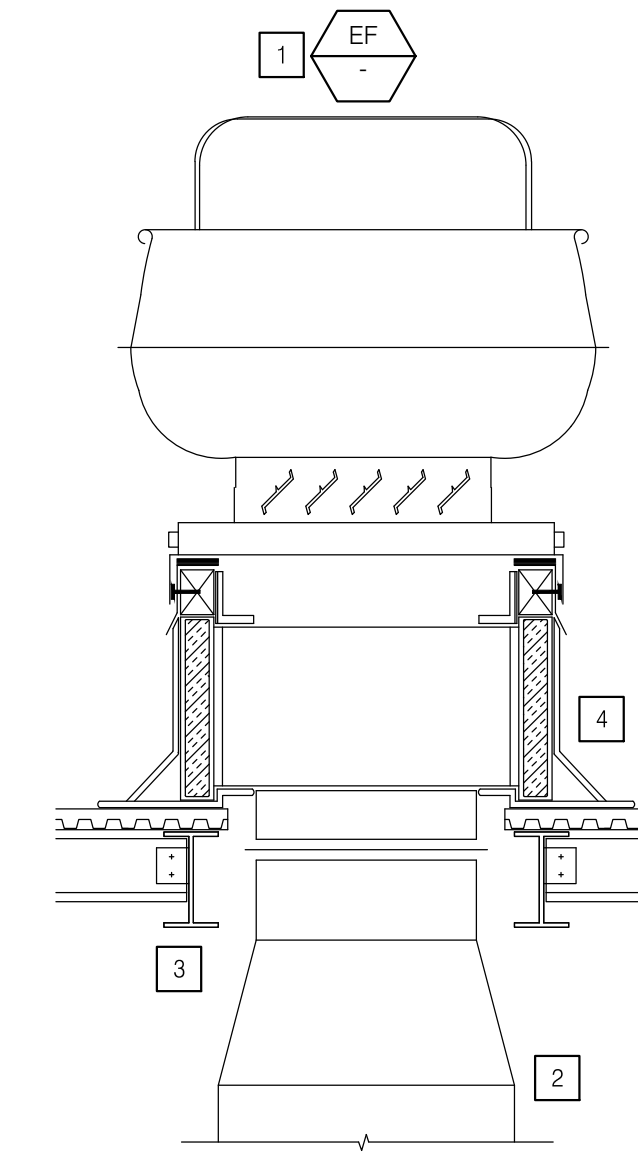
TRI-CITY MEDICAL  
CENTER  
4002 VISTA WAY  
OCEANSIDE, CALIFORNIA  
92056

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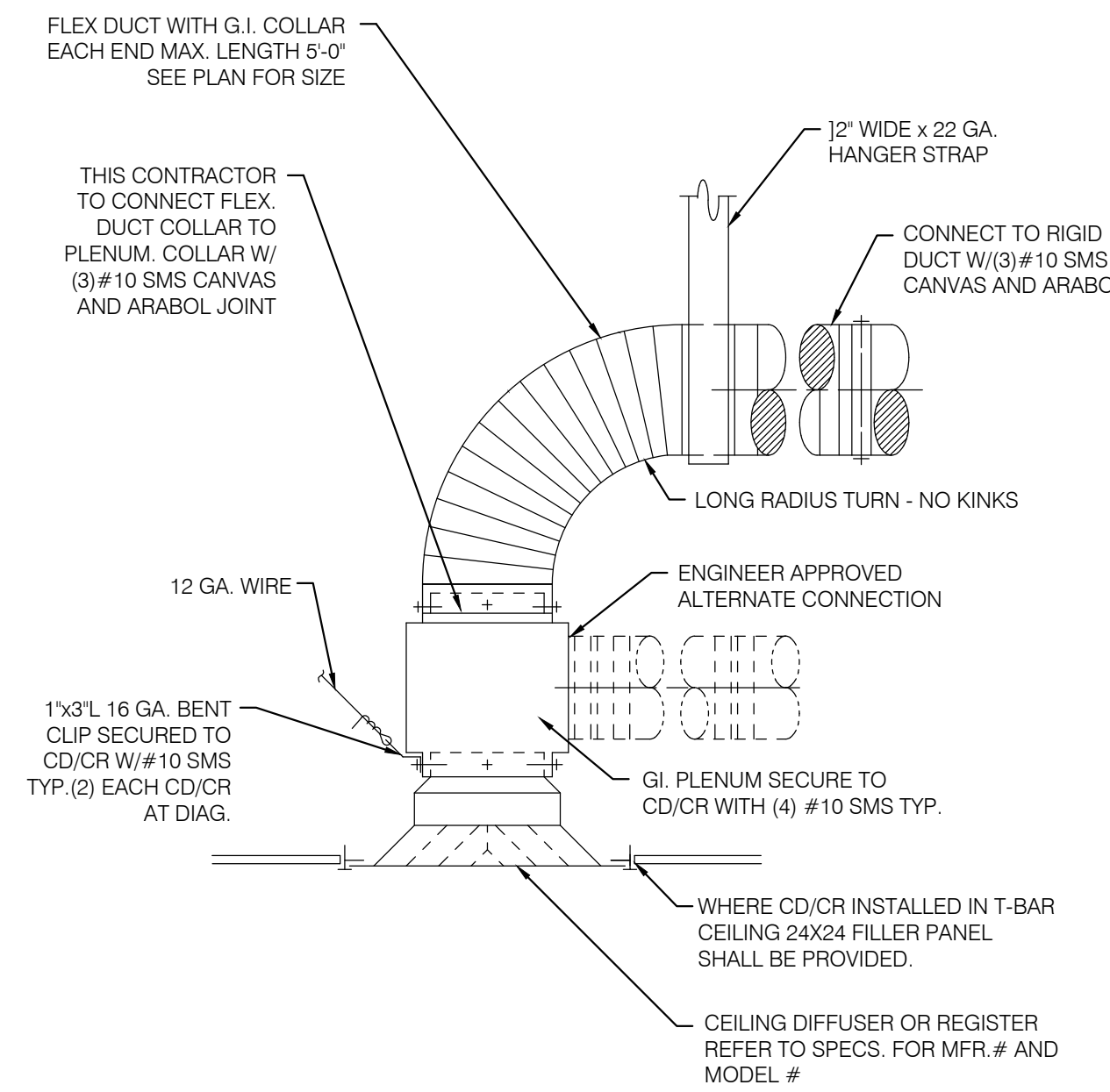
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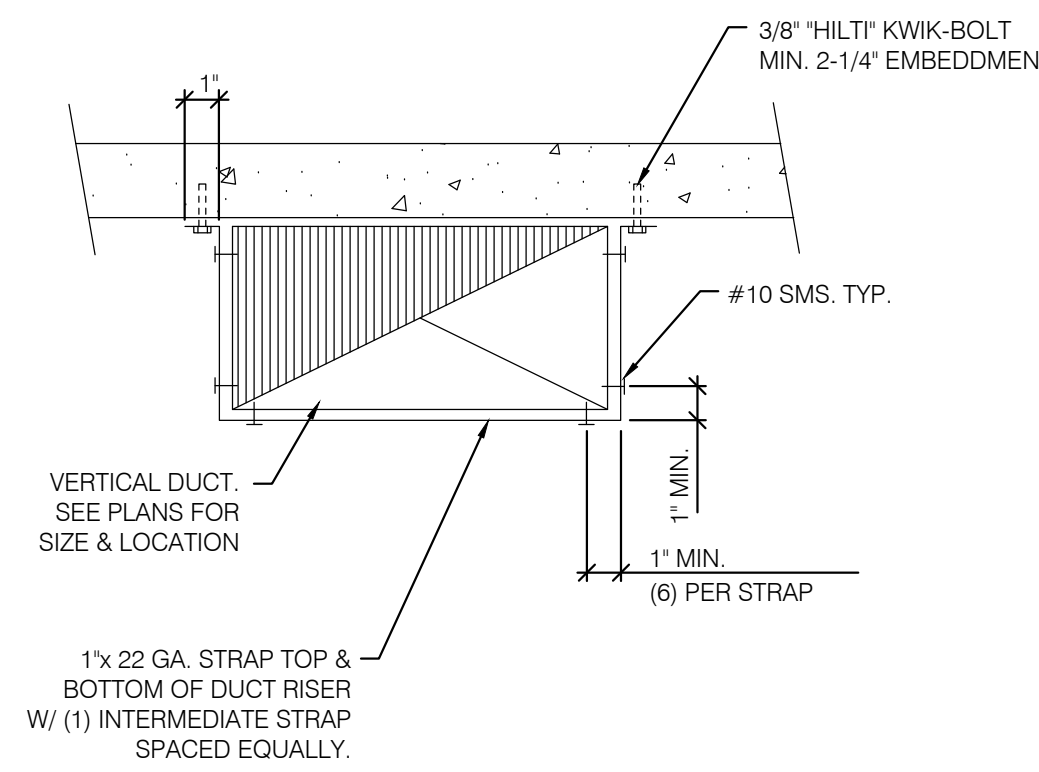
NOTES

- 1 PROVIDE EXHAUST FAN ON MINIMUM 1'-0" HIGH, 18 GAUGE GALVANIZED STEEL, FACTORY FURNISHED ROOF CURB WITH 1-1/2" 3 POUND THERMAL AND ACOUSTICAL INSULATION. PROVIDE NEOPRENE RUBBER GASKET BETWEEN FAN AND CURB. SECURE FAN TO CURB WITH MINIMUM FOUR 1/2" DIAMETER A307 MACHINE BOLT AND NUT (ONE AT EACH CORNER). PROVIDE BACKDRAFT DAMPER AT FAN INLET.
- 2 PROVIDE GALVANIZED STEEL EXHAUST AIR DUCT UP THROUGH ROOF CURB AND CONNECT TO FAN INTAKE. PROVIDE FLEX CONNECTION BEFORE FINAL CONNECTION.
- 3 REFER TO STRUCTURAL DRAWINGS FOR SUPPORT ANGLE REQUIREMENTS.
- 4 REFER TO ARCHITECTURAL DRAWINGS FOR ROOFING, FLASHING AND ROOF OPENING REQUIREMENTS.

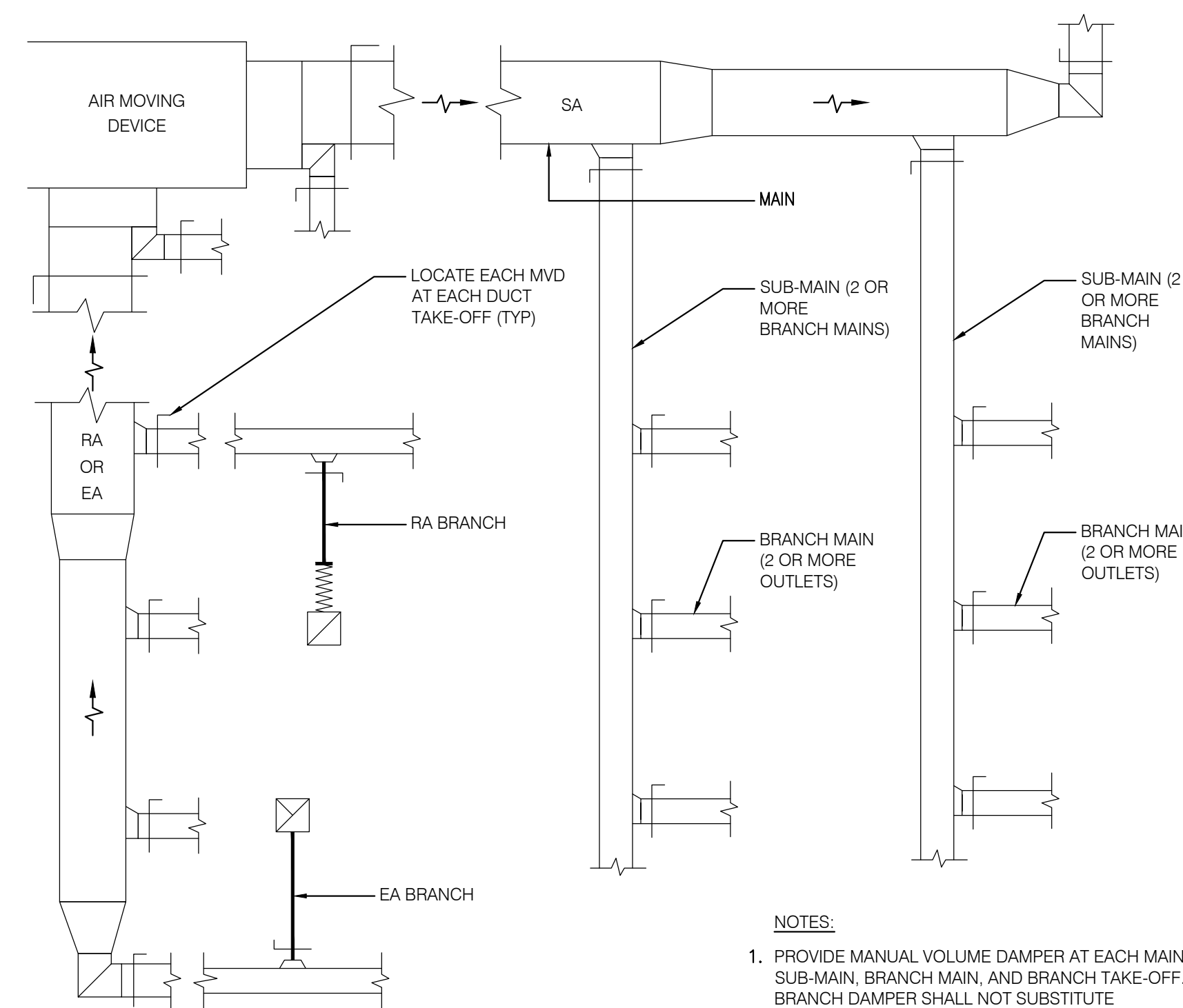
2 ROOF EXHAUST FAN MOUNTING DETAIL  
NO SCALE



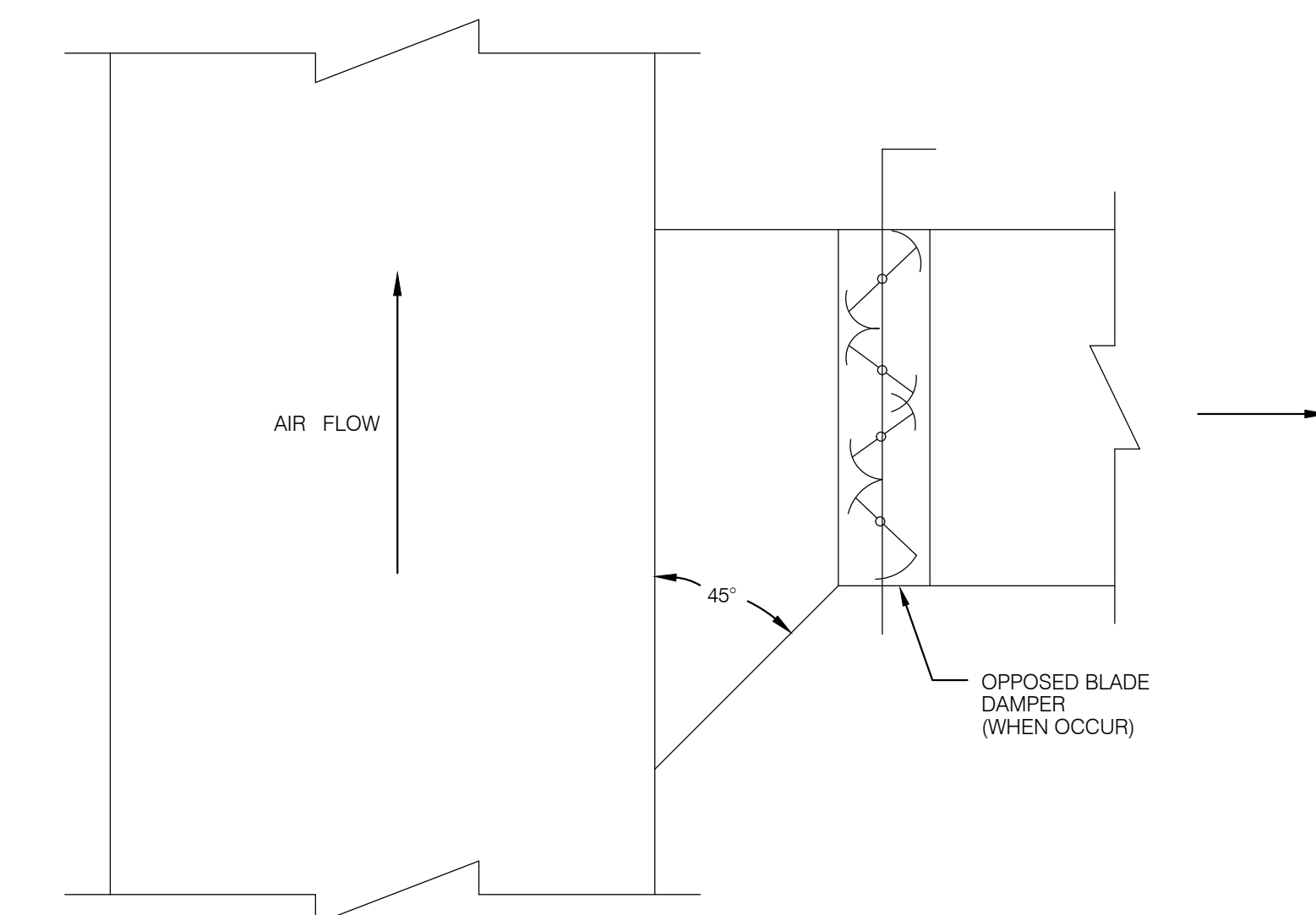
4 AIR DISTRIBUTION RESTRAINT  
NO SCALE



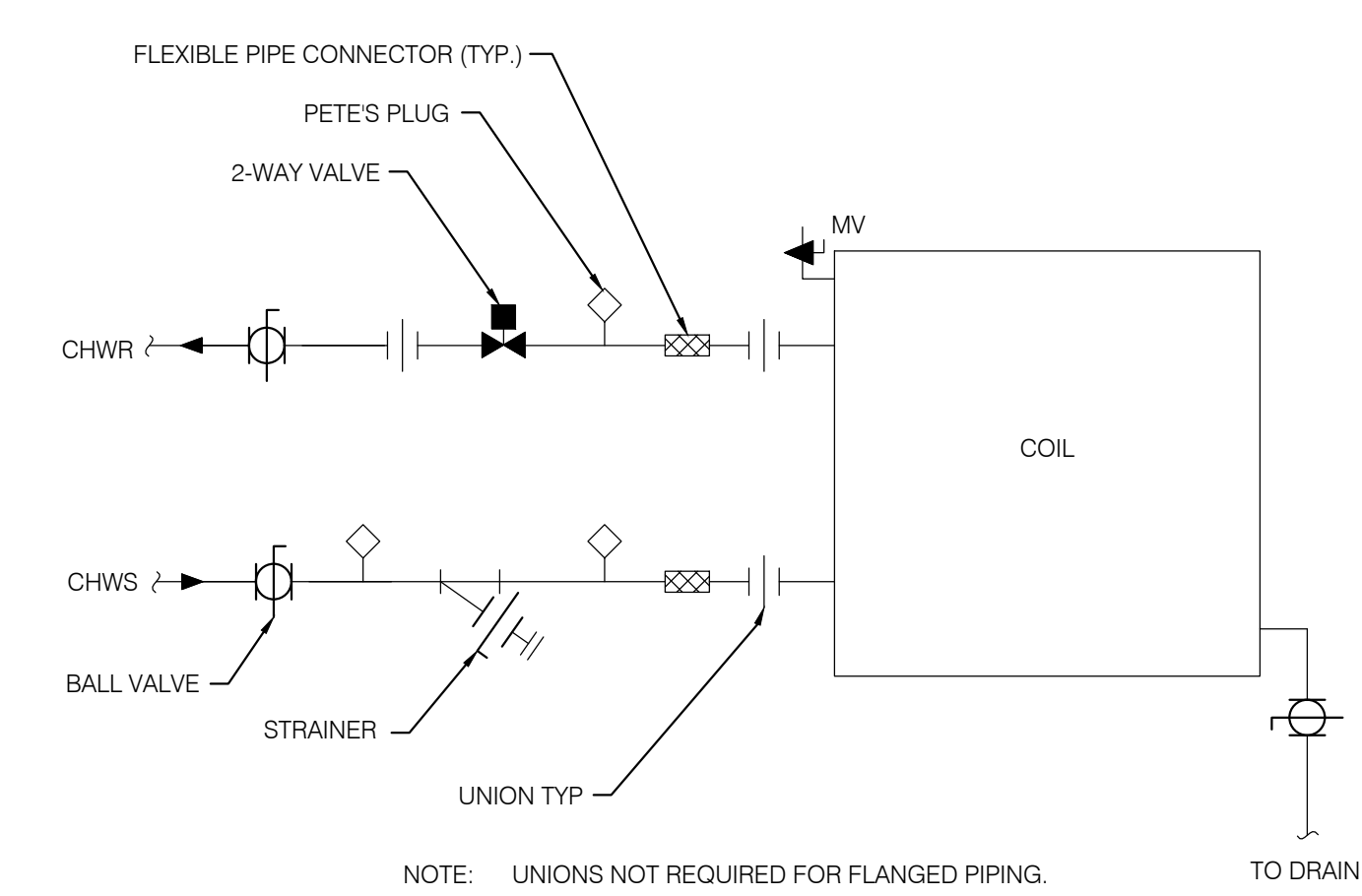
6 VERTICAL DUCT SUPPORT  
NO SCALE



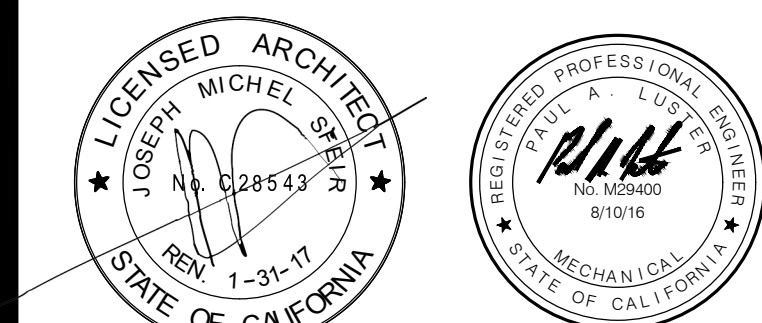
3 TYPICAL MANUAL VOLUME DAMPER LOCATION DIAGRAM  
NO SCALE



1 BRANCH DUCT (RECTANGULAR)  
NO SCALE



5 2-WAY COOLING COIL PIPING DIAGRAM  
(FOR HEATING AND COOLING)  
NO SCALE



OSHDP COMMENTS	11/18/16
DESIGN CHANGES	11/18/16
OSHDP COMMENTS	02/15/17
DESIGN CHANGES	02/15/17
OSHDP COMMENTS	08/11/17

REV: \_\_\_\_\_ DESCRIPTION: \_\_\_\_\_ DATE: \_\_\_\_\_

CONSULTANT

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www.p2seng.com

OSHDP APPROVAL STAMP:  
OSHDP #: S162093-37-00

DETAILS

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT #:  
01593.00

SHEET NUMBER:  
M601

DATE:  
08/03/16

SCALE:  
As indicated

CHECKED BY: \_\_\_\_\_

DATE: \_\_\_\_\_

P2S No. 8232

TCMC  
EMERGENCY  
DEPARTMENT

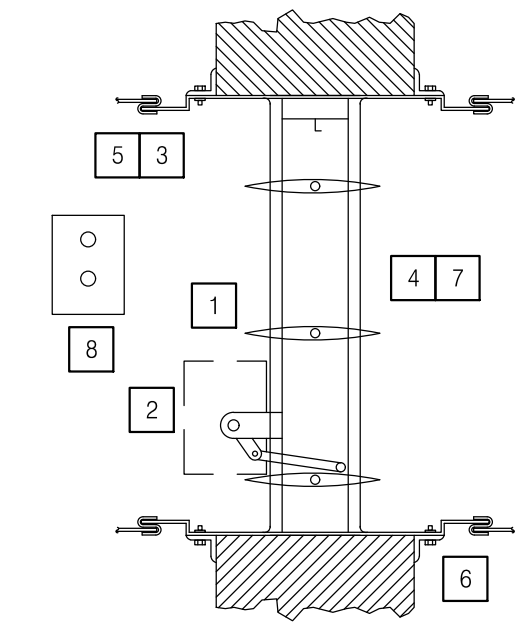
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4002 VISTA WAY  
OCEANSIDE, CALIFORNIA  
92056

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SAN DIEGO, CALIFORNIA 92122  
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STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.  
2091 LAS PALMAS DRIVE, SUITE D  
CARLSBAD, CALIFORNIA 92011  
TEL(760)438-1188

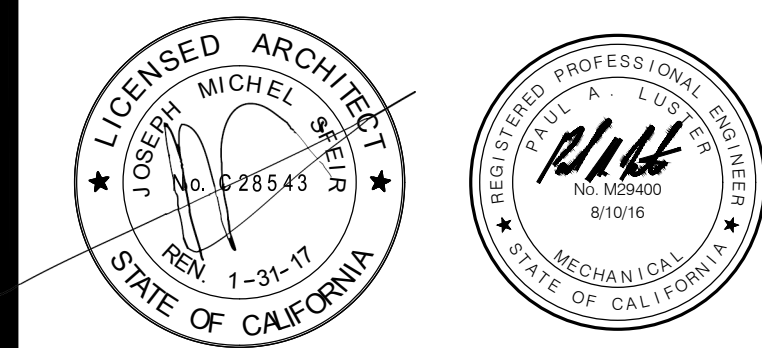
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SAN DIEGO, CALIFORNIA 92123  
TEL(619)618-2347 FAX(619)330-0668



NOTES

- 1 WALL FLOOR FIRE SMOKE DAMPER WITH AIRFOIL BLADES. PER NFPA 90A, ACCESS DOOR IS REQUIRED ON JACKSHAFT SIDE OF THE DAMPER. REFER TO SPECIFICATION SECTION 15910 FOR ADDITIONAL REQUIREMENTS.
- 2 FIRE SMOKE DAMPER JACKSHAFT AND ACTUATOR.
- 3 MOUNTING ANGLE SHALL BE MINIMUM OF 1-1/2"X 1-1/2"X14 GAUGE WITH MINIMUM 1" OVERLAP OF WALL ON EACH SIDE.
- 4 OPENING TO BE 1/4" PER FOOT LARGER THAN DAMPER DIMENSIONS. PROVIDE DUCT ACCESS DOOR AT EACH COMBINATION SMOKE/FIRE DAMPER. DOORS SHALL BE LOCATED SO THAT THE FIRE DAMPER CATCH MAYBE RELEASED WITH THE FIRE DAMPER IN A CLOSED POSITION AND FUSIBLE LINK REPLACED. EACH DOOR SHALL BE STENCILED "SMOKE/FIRE DAMPER ACCESS".
- 5 PLAIN 'S' DUCT CONNECTION - DO NOT BOLT OR SCREW DUCT TO SLEEVE.
- 6 1 - HOUR FIRE CONSTRUCTION BY OTHERS.
- 7 WALL FLOOR FIRE SMOKE DAMPER SHALL BE INSTALLED PER MANUFACTURERS INSTRUCTIONS. DAMPER SHALL BE RUSKIN FSD 60-2 AIRFOIL BLADE DESIGN. DAMPER SHALL BE CLASS 2, UL555S 1-1/2 HOUR FIRE RESISTANCE RATING. NFPA STANDARDS 80, 90A, 92A, 92B, 101&, 105 UL555S LISTING R5531 CSFM COMBINATION FIRE/SMOKE DAMPER LISTING #3235-0245.0126
- 8 REFER TO ELECTRICAL AND FIRE ALARM DRAWINGS FOR ADDITIONAL REQUIREMENTS.

2 FIRE SMOKE DAMPER  
NO SCALE



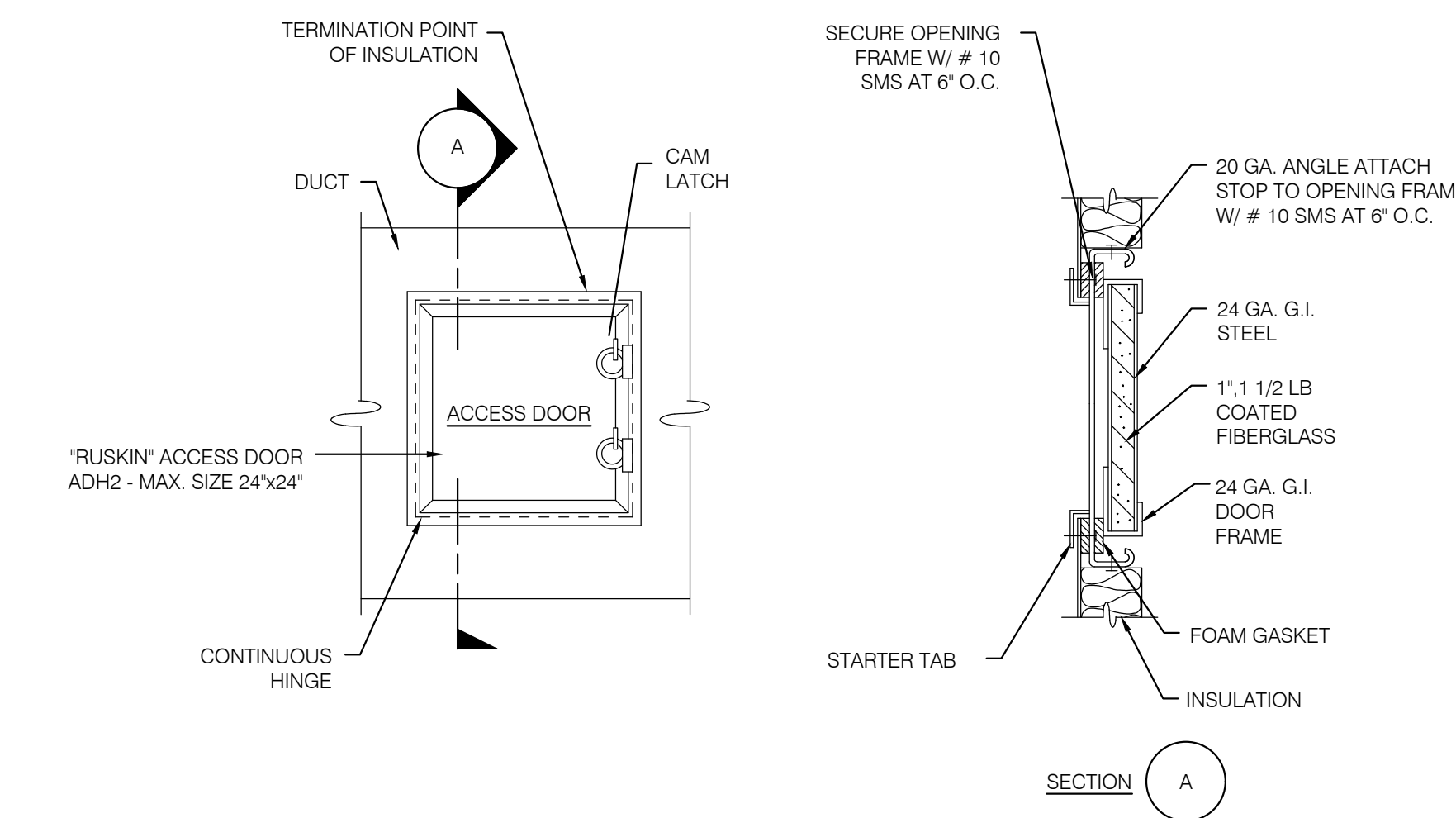
△	OSHPD COMMENTS	11/18/16
△	DESIGN CHANGES	11/18/16
△	OSHPD COMMENTS	02/15/17
△	DESIGN CHANGES	02/15/17
△	OSHPD COMMENTS	08/11/17

REV: \_\_\_\_\_ DESCRIPTION: \_\_\_\_\_ DATE: \_\_\_\_\_

CONSULTANT  
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OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

DETAILS



NOTES

- 1. ALL ACCESS DOORS TO BE MIN. 12"X12" OR AS APPROVED.

1 DUCT ACCESS DOOR  
NO SCALE

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00 SHEET NUMBER:  
DRAWN BY:  
CHECKED BY:  
SCALE: As indicated  
DATE: 08/03/16

M602

TCMC  
EMERGENCY  
DEPARTMENT

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

OWNER: TRI-CITY MEDICAL CENTER  
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OCEANSIDE, CALIFORNIA 92056  
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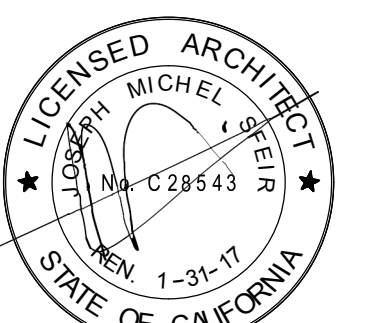
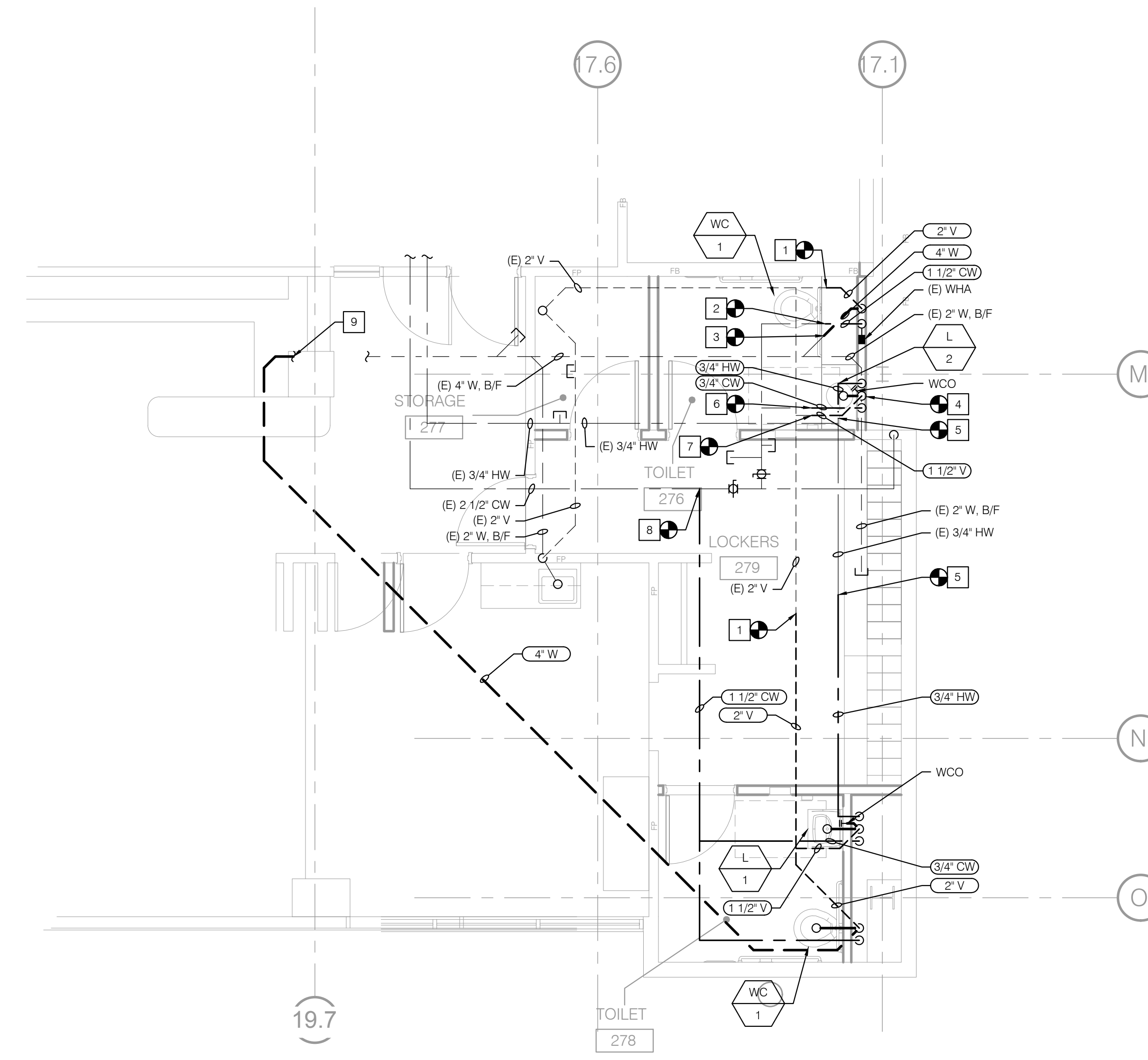
ARCHITECT: SFEIR ARCHITECTS  
5151 SHOREHAM PLACE, SUITE 100  
SAN DIEGO, CALIFORNIA 92122  
TEL(619)299-3917 FAX(619)299-5084

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ME&P: P2S  
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TEL(619)618-2347 FAX(619)330-0668

NOTES

- 1 POC 2' V TO (E) 2' V.
- 2 POC 1 1/2' CW TO (E) 1 1/2' CW.
- 3 POC 4' W TO (E) 4' W.
- 4 POC 2' W TO (E) 2' W.
- 5 POC 3/4' HW TO (E) 3/4' HW.
- 6 POC 3/4' CW TO (E) 3/4' CW.
- 7 POC 1 1/2' V TO (E) 1 1/2' V.
- 8 POC 1 1/2' CW TO (E) 2 1/2' CW.
- 9 POC 4' W TO (E) 4' W IN COLUMN.



REV.	DESCRIPTION	DATE
△	OSHPD COMMENTS	11/18/16
△	DESIGN CHANGES	11/18/16
△	OSHPD COMMENTS	02/15/17
△	DESIGN CHANGES	02/15/17
△	OSHPD COMMENTS	08/11/17

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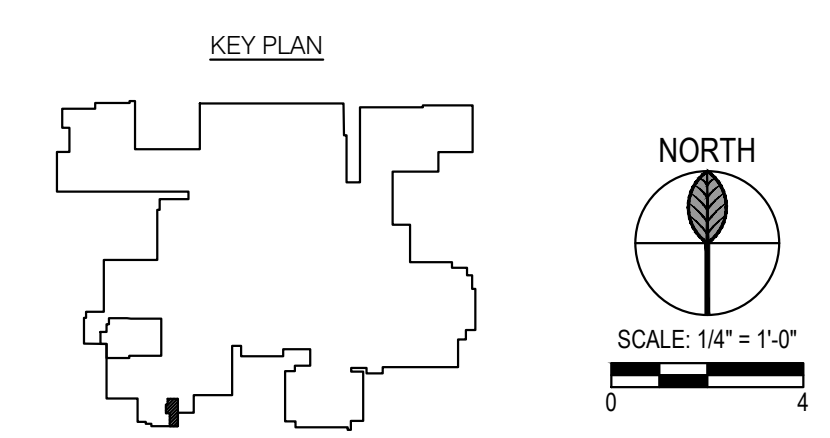
OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

RENOVATION PLAN

PROJECT TITLE: TCMC EMERGENCY DEPARTMENT

PROJECT #: 01593.00 SHEET NUMBER: P202

DATE: 08/03/16



# TCMC EMERGENCY DEPARTMENT

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

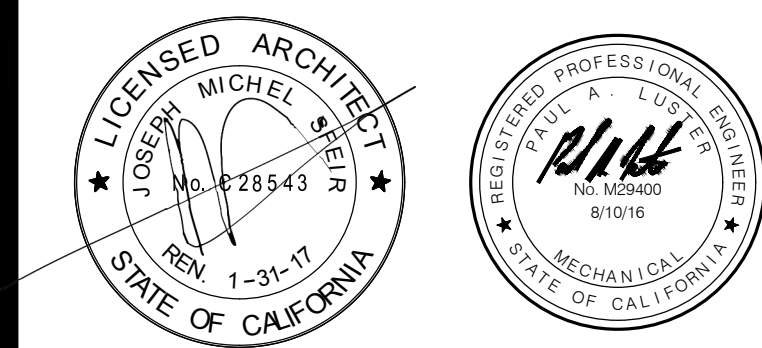
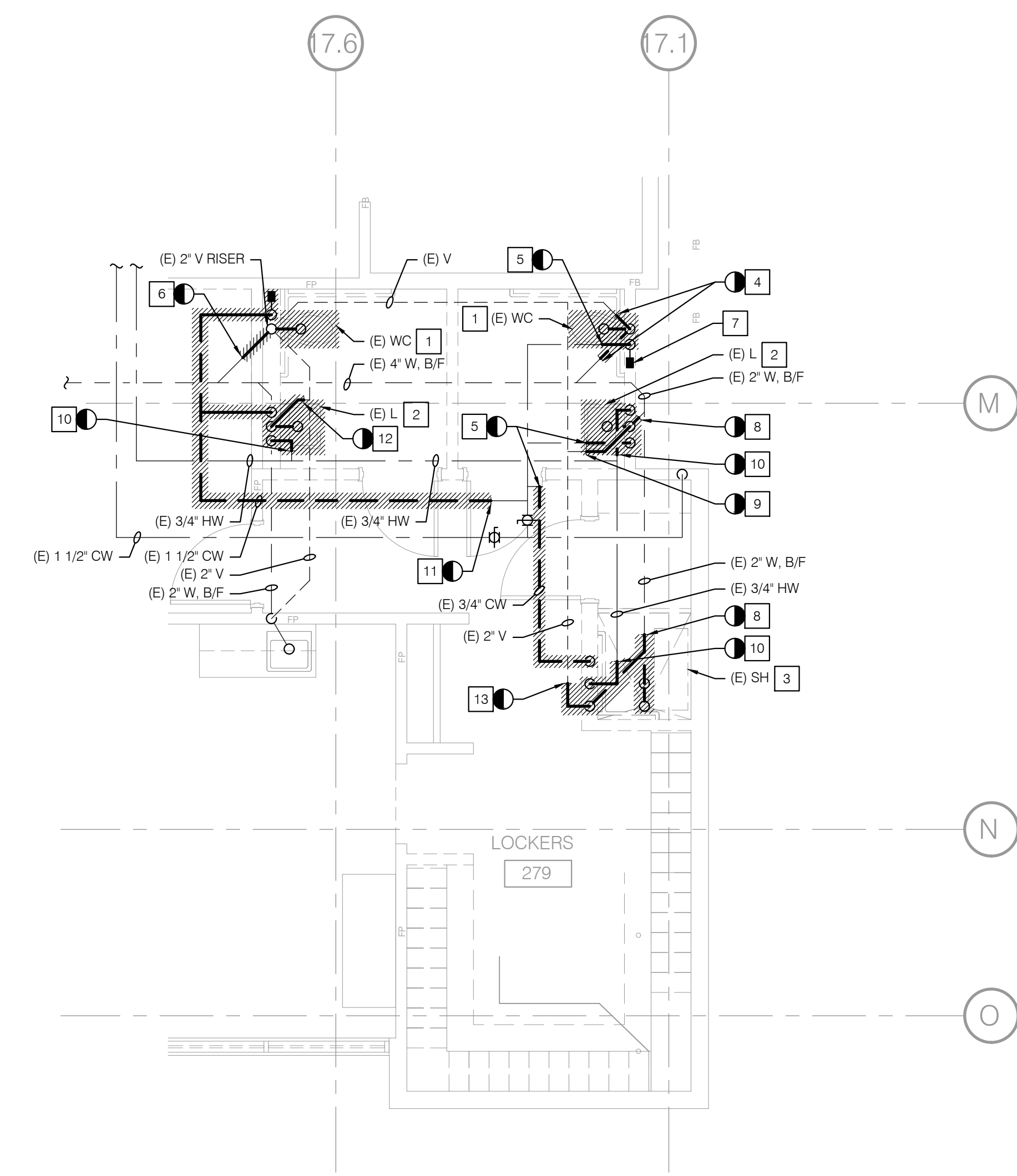
ARCHITECT: SFEIR ARCHITECTS  
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TEL(619)299-3917 FAX(619)299-5084

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ME&P: P2S  
9665 CHESAPEAKE DRIVE, SUITE 230  
SAN DIEGO, CALIFORNIA 92123  
TEL(619)618-2347 FAX(619)330-0668

NOTES:

- 1 REMOVE EXISTING WATER CLOSET.
- 2 REMOVE EXISTING LAVATORIES.
- 3 REMOVE EXISTING SHOWER HEAD AND ITS ASSOCIATED APPURTENANCES.
- 4 REMOVE EXISTING 4" W AND EXISTING 2" V.
- 5 REMOVE EXISTING 3/4" CW.
- 6 REMOVE EXISTING 4" W AND CAP AT (E) VENT RISER.
- 7 RE-USE EXISTING WHA.
- 8 REMOVE EXISTING 2" W.
- 9 REMOVE EXISTING 1 1/2" V.
- 10 REMOVE EXISTING 3/4" HW.
- 11 REMOVE EXISTING 1 1/2" CW.
- 12 REMOVE EXISTING WASTE AND VENT.
- 13 REMOVE EXISTING 2" V.



REV.	DESCRIPTION	DATE
1	OSHPD COMMENTS	11/18/16
2	DESIGN CHANGES	11/18/16
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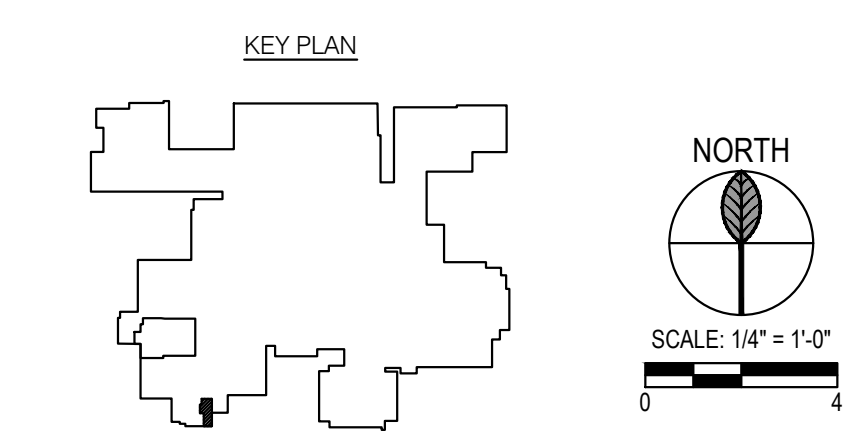
PROJECT TITLE:  
**DEMOLITION PLAN**

PROJECT #:  
01593.00

SHEET NUMBER:  
DRAWN BY:  
CHECKED BY:

**PD202**

SCALE:  
As indicated  
DATE:  
08/03/16



LEGEND

Table with columns for SYMBOL, DESCRIPTION, and various plumbing symbols such as ELBOW DOWN, PIPE TEE UP & DOWN, GATE VALVE, BALL VALVE, etc.

ABBREVIATIONS

Table with columns for ABBREVIATION, DESCRIPTION, ABBREVIATION, and DESCRIPTION, listing items like AT ABOVE, GPR GAS PRESSURE REGULATOR, etc.

GENERAL NOTES

- List of general notes for plumbing and mechanical systems, including requirements for workmanship, equipment, and safety.

GENERAL NOTES

- List of general notes for electrical and low-voltage systems, including requirements for conduit, raceway, and equipment.

SHEET INDEX

Table showing sheet index with columns for SHEET, DESCRIPTION, and SHEET NUMBER.

S F E I R ARCHITECTS

1350 Columbia Street, Suite 603 San Diego, CA 92101
P: 619-299-3917
F: 619-299-5084
www.sfeirarch.com

TCMC EMERGENCY DEPARTMENT

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

OWNER: TRI-CITY MEDICAL CENTER
ARCHITECT: SFEIR ARCHITECTS
STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.
ME&P: P2S

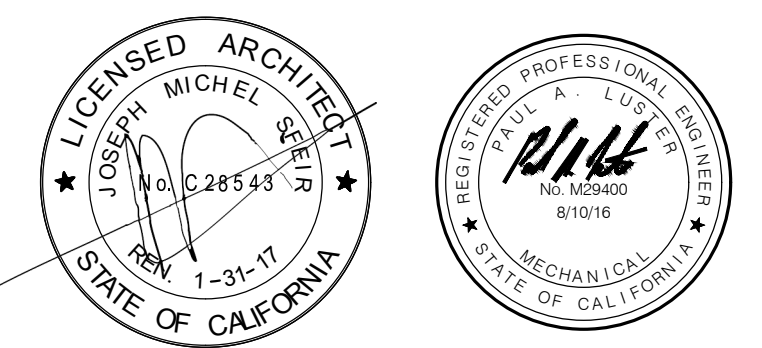


Table for OSHPD COMMENTS with columns for DATE and DESCRIPTION.

REV: DESCRIPTION: DATE:
CONSULTANT: p2s P2S Engineering, Inc.
9665 Chesapeake Dr., Suite #230
San Diego, CA 92123
T 619.618.2347 F 619.330.0668 www.p2seng.com

OSHPD APPROVAL STAMP:
OSHPD #: S162093-37-00

GENERAL NOTES, LEGEND AND SHEET INDEX
PROJECT TITLE: TCMC EMERGENCY DEPARTMENT
PROJECT #: 01593.00 SHEET NUMBER:
DRAWN BY: P001
CHECKED BY:
SCALE: As indicated
DATE: 08/03/16 P2S No. 8232

# TCMC EMERGENCY DEPARTMENT

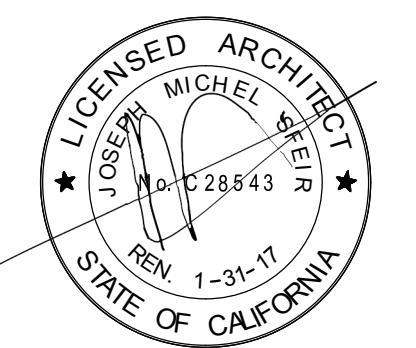
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△	OSHPD COMMENTS	11/18/16
△	DESIGN CHANGES	11/18/16
△	OSHPD COMMENTS	02/15/17
△	DESIGN CHANGES	02/15/17
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OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

## SCHEDULES

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00 SHEET NUMBER:  
DRAWN BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_  
SCALE: As indicated  
DATE: 08/03/16

# P002

## WATER CALCULATION

PRESSURE AVAILABLE		
NUMBER OF BUILDING STORIES	2	
NOMINAL PRESSURE AT MAIN		85 PSI
PRESSURE LOSS THROUGH METER		5 PSI
BACKFLOW PREVENTER PRESSURE DROP		10 PSI
REGULATED PRESSURE SETTING		60 PSI
METER TO HIGHEST OUTLET:	20 x .43 PSI/FT.	8.6 PSI
PRESSURE REQUIRED AT HIGHEST FIXTURE		30 PSI
PRESSURE DROP AVAILABLE FOR DESIGN		21.4 PSI
MAXIMUM LENGTH OF WATER SYSTEM	550 FT. (500 x 1.20)	
ALLOWABLE MAXIMUM FRICTION LOSS PER 100 FEET OF PIPE:		3.9 PSI

## COLD WATER PIPE SIZING CHART

SIZE	GPM	FIXTURE UNITS		VELOCITY (FPS)
		FLUSH TANK	FLUSH VALVE	
1/2"	2.1	2	0	2.9
3/4"	5.5	6	0	3.8
1"	12	16	0	4.5
1 1/4"	20	30	2	5.2
1 1/2"	35	66	20	5.9
2"	66	205	95	7.2
2 1/2"	125	506	396	8.0

## HOT WATER PIPE SIZING CHART

SIZE	GPM	FIXTURE UNITS		VELOCITY (FPS)
		FLUSH TANK	FLUSH VALVE	
1/2"	2.1	2	0	2.9
3/4"	5.5	6	0	3.8
1"	12	16	0	4.5
1 1/4"	19	28	0	5.0
1 1/2"	27	46	0	5.0
2"	46	111	0	5.0

## FIXTURES

SYMBOL	FIXTURE	ROUGH-IN SIZE				DESCRIPTION / REMARKS
		W	V	CW	HW	
EW-1	ELECTRIC WATER COOLER	2"	1 1/2"	1/2"	--	ELKAY #LZSTL8WS, ELECTRIC (115 VOLTS, 60 Hz, RATED WATTS: 370, FULL LOAD AMPS: 5), WALL MOUNTED, STAINLESS STEEL BASIN, VANDAL RESISTANT, R-134a REFRIGERATION SYSTEM
L-1	LAVATORY	2"	1 1/2"	1/2"	1/2"	AMERICAN STANDARD "LUCERNE" #0355, VITREOUS CHINA, WALL HUNG, ADA COMPLIANT, WITH SLOAN OPTIMA ETF-600 0.5 GPM NON AERATING LAMINAR FLOW, SENSOR ACTIVATED, HARD WIRED, 4" CENTERSET FAUCET. PROVIDE WITH LEAD FREE THERMOSTATIC MIXING VALVE, TRANSFORMER, AND LAVATORY SUPPORT. PROVIDE EMERGENCY POWER PER 2016 CPC 210.0.
L-2	LAVATORY	2"	1 1/2"	1/2"	1/2"	KOHLER "COMPASS" #K-2298, VITREOUS CHINA, UNDER-MOUNT, ADA COMPLIANT, WITH SLOAN OPTIMA ETF-600 0.5 GPM NON AERATING LAMINAR FLOW, SENSOR ACTIVATED, HARD WIRED, 4" CENTERSET FAUCET. PROVIDE WITH LEAD FREE THERMOSTATIC MIXING VALVE AND TRANSFORMER. PROVIDE EMERGENCY POWER PER 2016 CPC 210.0.
S-1	SINK	2"	1-1/2"	1/2"	1/2"	KOHLER "BRENNHAM" #K-1999, WALL MOUNT, VITREOUS CHINA, SINGLE HOLE, WITH SLOAN OPTIMA ETF-700 120V FAUCET 1.1 GPM LAMINAR FLOW, UNDERCOUNTER MIXING VALVE, 1005 RIGID SUPPLYS AND STOPS, GRID STRAINER, CHROME PLATED 17GA. L.A. PATTERN CAST BRASS P-TRAP.
S-2	SINK	2"	1-1/2"	1/2"	1/2"	JUST #SL-2019 A-GR, STAINLESS STEEL SINGLE COMPARTMENT SELF RIMMING SINK, WITH SLOAN OPTIMA ETF-700 120V FAUCET 1.1 GPM LAMINAR FLOW, UNDERCOUNTER MIXING VALVE, 1005 RIGID SUPPLYS AND STOPS, GRID STRAINER, CHROME PLATED 17GA. L.A. PATTERN CAST BRASS P-TRAP.
WC-1	WATER CLOSET	4"	2"	1"	--	AMERICAN STANDARD "AFWALL MILLENIUM" #3351, WALL MOUNTED, VITREOUS CHINA, ELONGATED BOWL, TOP SPUD, OLSONITE #95SSCT OPEN FRONT SEAT, SLOAN OPTIMA PLUS SFSM REGAL #111, 1.28 GPM, HARD WIRED, ADA COMPLIANT. PROVIDE WITH TRANSFORMER AND WATER CLOSET SUPPORT.

## MED GAS OUTLET SCHEDULE

SYMBOL	EQUIPMENT CONNECTION TYPE	NUMBER OF OUTLETS								DESCRIPTION / REMARKS
		O2	MA	MV	SLIDE	N2O	N2	CO2	WAGD	
MG-1	WALL OUTLET	1	1	1	-	-	-	-	-	CHEMETRON 500

## MED GAS EQUIPMENT SCHEDULE

SYMBOL	DESCRIPTION	REMARKS
ZVB-1	CHEMETRON 77-83-0223 MEDICAL GAS SHUT-OFF VALVE AND WALL ACCESS PANEL FOR 3/4" VACUUM 1/2" MED AIR AND 1/2" OXYGEN. MOUNT TOP OF PANEL AT 5'-0".	
MGA-1	CHEMETRON IMPACT MEDICAL GAS AREA ALARM PANEL FOR VACUUM, OXYGEN AND MEDICAL AIR MOUNT TOP OF PANEL AT 5'-0".	

## MATERIALS

- SANITARY SEWER, VENT AND STORM DRAIN ABOVE GRADE:
  - PIPE: SERVICE WEIGHT CAST IRON PER ASTM A-74, ASTM A-88, CISPI 301
  - FITTINGS: NO HUB CAST IRON PER ASTM A-888.
  - JOINTS: BAND TYPE STAINLESS STEEL COUPLINGS CONFORMING TO ASTM C-1540 HAVING MINIMUM SHIELD THICKNESS OF 31 GAUGE WITH NEOPRENE SEALING SLEEVE CONFORMING TO ASTM C-964. TYLER PIPE ONLY.
- WATER ABOVE GRADE:
  - PIPE: TYPE L HARD DRAWN COPPER, ASTM B88.
  - FITTINGS: WROUGHT COPPER, ANSI B16.22
  - JOINTS: 95%-5% TIN-ANTIMONY LEAD FREE SOLDER.
- MEDICAL GASSES AND VACUUM:
  - PIPE: TYPE L COPPER, NFPA 99.
  - FITTINGS: 95%-5% TIN-ANTIMONY LEAD FREE SOLDER.
- CATHODIC PROTECTION:
  - ALL UNDER SLAB METAL PIPING OF ANY KIND IS TO BE SLEEVED IN PLASTIC. NO DIRECT BURY IS ALLOWED FOR METAL PIPING.



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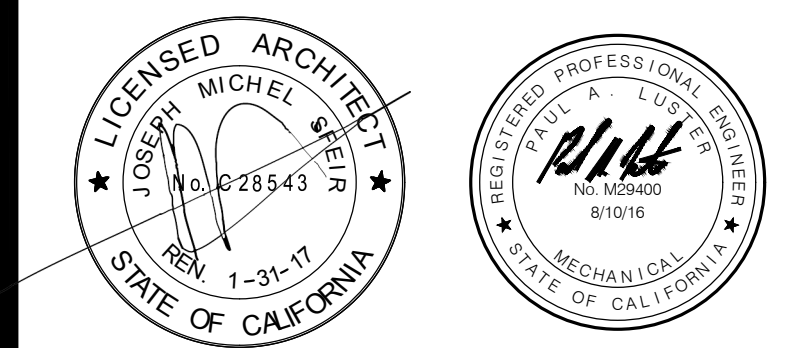
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92056

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OSHPD COMMENTS	11/18/16
DESIGN CHANGES	11/18/16
OSHPD COMMENTS	02/15/17
DESIGN CHANGES	02/15/17
OSHPD COMMENTS	08/11/17

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OSHPD #: S162093-37-00

SHEET TITLE:  
**DEMOLITION PLAN**

PROJECT TITLE:  
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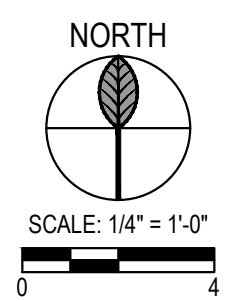
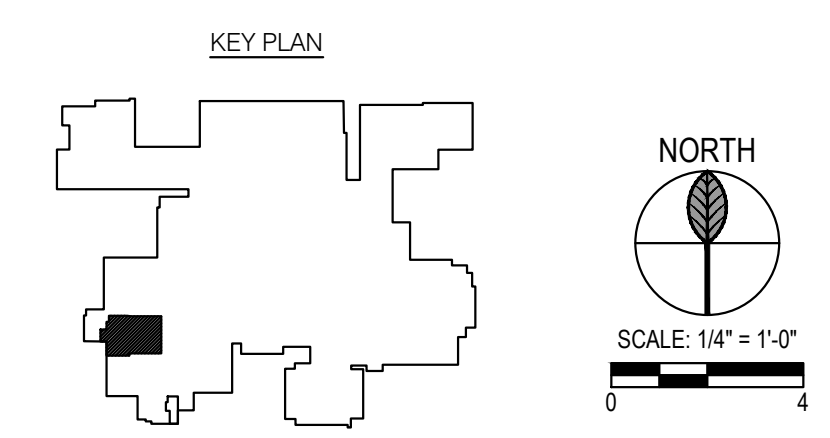
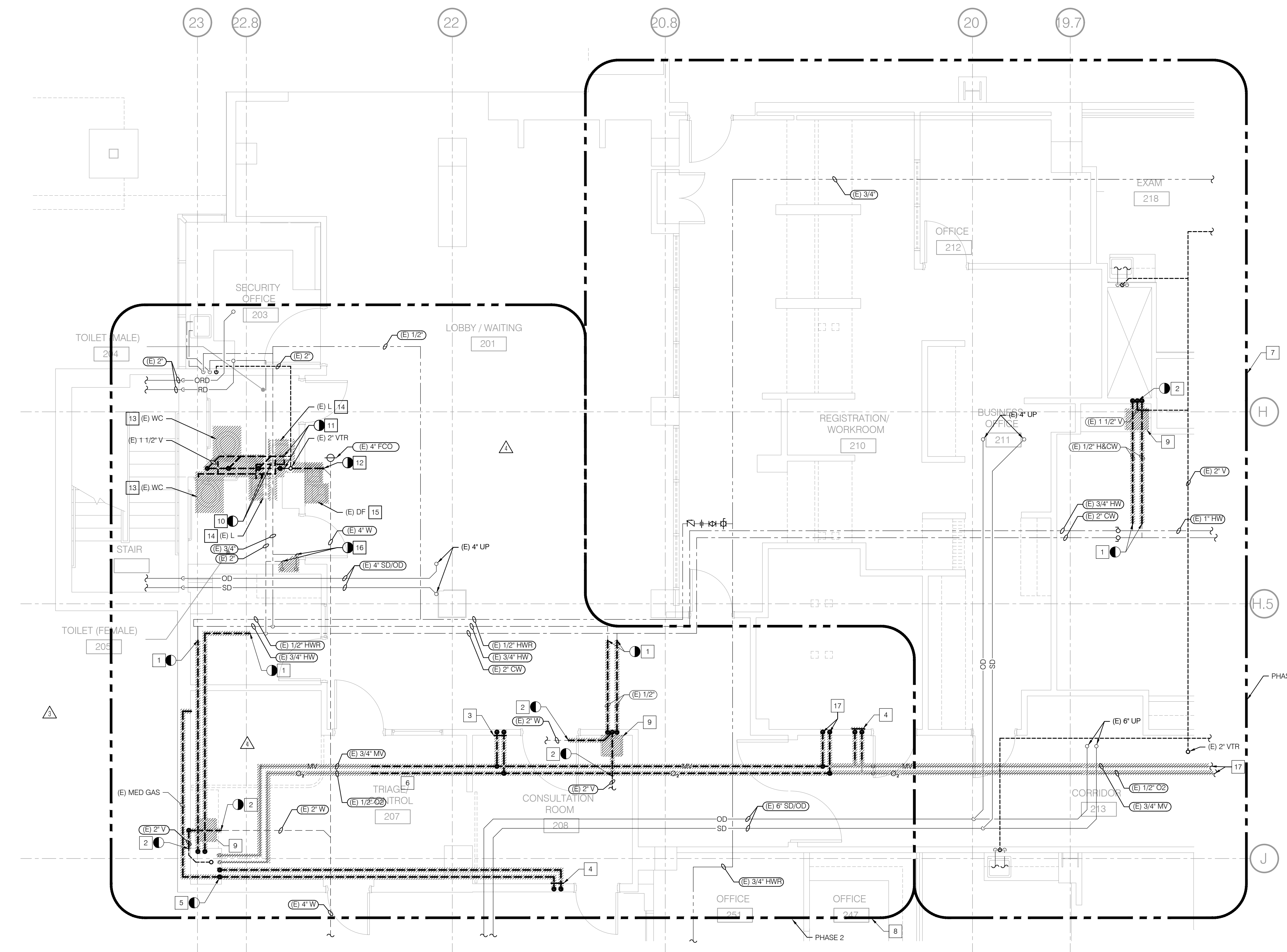
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CHECKED BY: \_\_\_\_\_ **PD201**

SCALE: As indicated

DATE: 08/03/16 P2S No. 8232

- NOTES
- POD FOR DOMESTIC HW/CW PIPE. CAP PIPE AT MAX. 12" OF BRANCH TEE AT PIPE MAIN.
  - POD FOR SANITARY W/V PIPE. CAP WASTE PIPE BELOW FLOOR AND CAP VENT PIPE ABOVE CEILING.
  - REMOVE (E) MEDICAL GAS ALARM PANEL
  - REMOVE (E) MEDICAL GAS ZONE VALVE PANEL
  - POD FOR MV/O<sub>2</sub> PIPE. CAP AT MAX. 12" OF BRANCH TEE AT SHAFT.
  - REMOVE (E) MV & O<sub>2</sub> IN WALL AND OUTLETS.
  - ALL DEMOLITION WITHIN THIS AREA SHALL BE COMPLETE IN PHASE 1
  - ALL DEMOLITION WITHIN THIS AREA SHALL BE COMPLETE IN PHASE 2
  - REMOVE EXISTING SINK
  - REMOVE EXISTING CW AND HW
  - REMOVE EXISTING VENT
  - REMOVE EXISTING WASTE
  - REMOVE EXISTING WATER CLOSET
  - REMOVE EXISTING LAVATORY
  - REMOVE EXISTING DRINKING FOUNTAIN
  - REMOVE EXISTING CW & HW AND CAP IN CEILING
  - REMOVE (E) O<sub>2</sub> & MV TO (E) SERVICE VALVES AT INTERSECTION OF CORR. 213 & CORR. 226.



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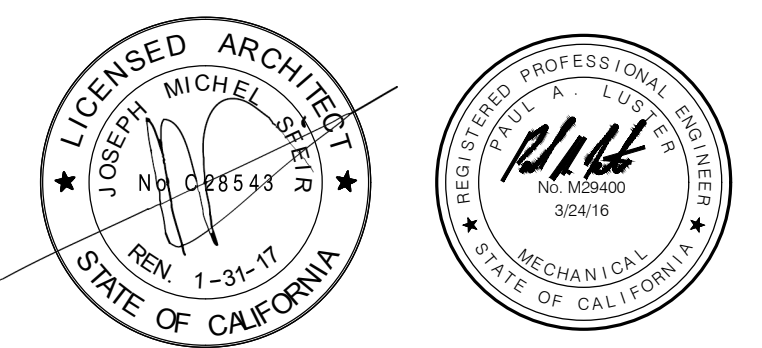
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OSHPD COMMENTS	11/18/16
DESIGN CHANGES	11/18/16
OSHPD COMMENTS	02/15/17
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RENOVATION PLAN

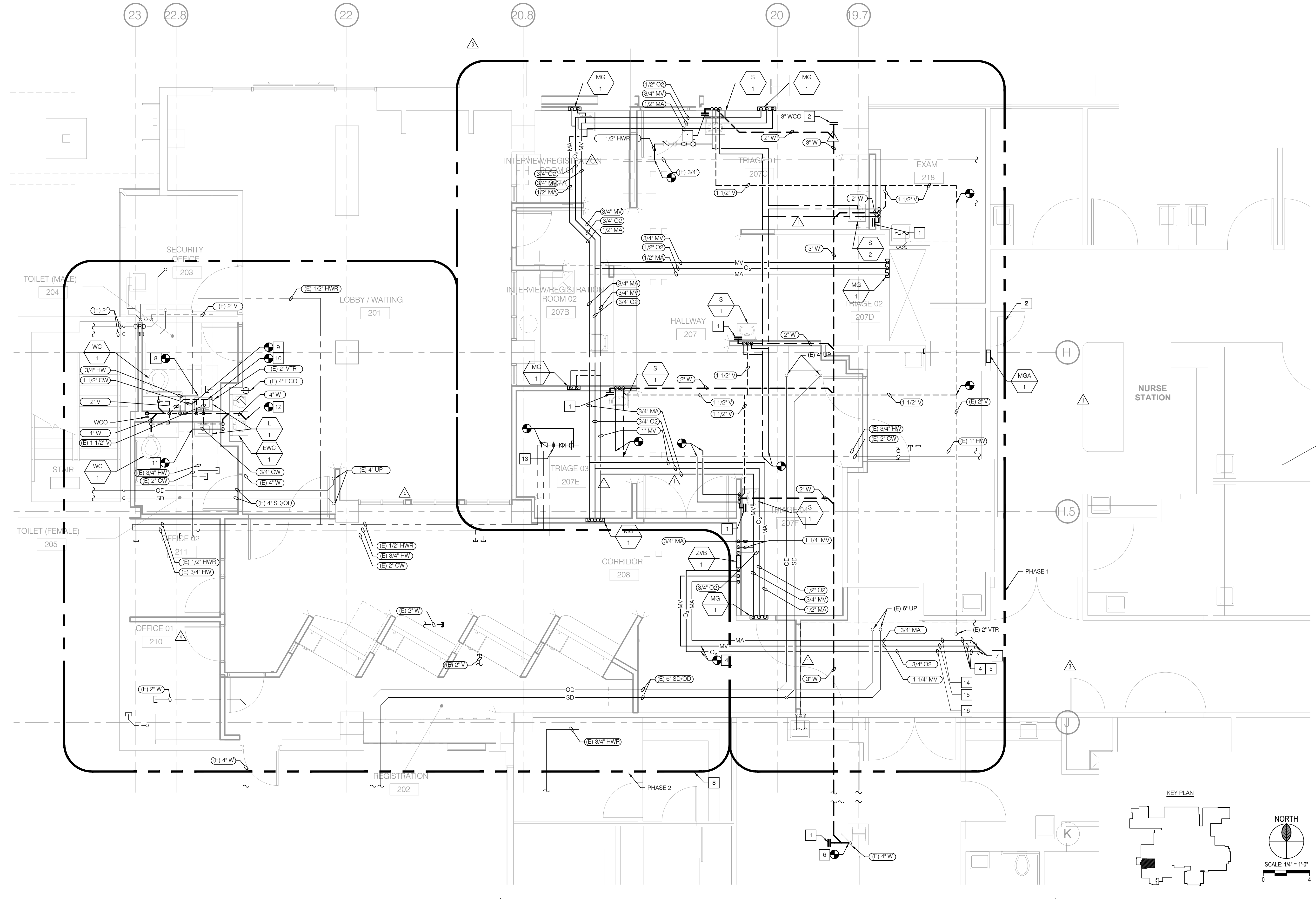
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DRAWN BY: DATE:  
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SCALE: As indicated  
08/03/16

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P2S No. 8232

NOTES

- 1 2" WCO
- 2 ALL RENOVATION WORK WITHIN THIS AREA SHALL BE COMPLETE IN PHASE 1
- 3 ALL RENOVATION WORK WITHIN THIS AREA SHALL BE COMPLETE IN PHASE 2
- 4 MED GAS CONNECTIONS TO BE MADE AFTER BUSINESS HOURS. SCHEDULE TIME WITH OWNER PRIOR TO COMMENCEMENT OF WORK
- 5 MEDGAS SHUT OFF SERVICE VALVES ABOVE CEILING LOCATED WHERE CORRIDOR INTERSECTS WITH CORRIDOR 226
- 6 POC AT VERTICAL SECTION OF EXISTING 4" WASTE RISER. PATCH DRYWALL COLUMN SURROUND AT COMPLETION OF WORK.
- 7 POC TO EXISTING MED AIR PIPE AT INTERSECTION OF CORR. 213 AND CORR. 226 APPROXIMATELY 50 FT. CONTRACTOR TO VERIFY EXACT LOCATION OF EXISTING SERVICE PRIOR TO COMMENCEMENT OF WORK. PROVIDE SERVICE VALVE ABOVE CEILING AT POC'S FOR INCREASED MA & MV PIPE SIZES & OZ LINES.
- 8 POC 3/4" HW TO (E) 3/4" HW.
- 9 POC 1 1/2" CW TO (E) 2" CW.
- 10 POC 2" V TO (E) 2" V.
- 11 POC 3/4" CW TO (E) 2" CW.
- 12 POC 4" W TO (E) 4" W.
- 13 PROVIDE BALANCING VALVE IN (E) HWR LINE
- 14 (E) MA MAIN IS 3/4" AT POC FOR THIS PROJECT. (E) LOAD DOWNSTREAM TO FURTHEST OUTLET IS (14) OUTLETS AT A DIVERSIFIED FLOW OF 7.45 SCFM. TOTAL PRESSURE DROP TO THIS POINT IN SYSTEM IS 0.37 PSI. ADDITIONAL PRESSURE DROP TO MA SYSTEM IN PENTHOUSE ON ROOF DIRECTLY ABOVE THIS FLOOR IS 0.11 PSI. TOTAL PSI DROP TO FURTHEST OUTLET ON THE SYSTEM WITH THIS PROJECT INCLUDED IS 0.48 PSI. PRESSURE DROP EQUIVALENT LENGTHS OF PIPING CALCULATED AT 1.5 FACTOR. THERE ARE A TOTAL OF 16 OUTLETS WITH A DIVERSIFIED LOAD OF 8.52 SCFM ON THIS SYSTEM.
- 15 (E) MV MAIN IS 2" AT POC FOR THIS PROJECT. (E) LOAD DOWNSTREAM TO FURTHEST OUTLET IS (41) OUTLETS AT A DIVERSIFIED FLOW OF 20.55CFM. TOTAL PRESSURE DROP TO THIS POINT IN SYSTEM IS 8.244 IN HG. ADDITIONAL PRESSURE DROP TO MV SYSTEM IN PENTHOUSE ON ROOF DIRECTLY ABOVE THIS FLOOR IS 5.774 IN HG. TOTAL IN HG DROP TO FURTHEST OUTLET ON THE SYSTEM WITH THIS PROJECT INCLUDED IS 14.018 IN HG. PRESSURE DROP EQUIVALENT LENGTHS OF PIPING CALCULATED AT 1.5 FACTOR. THERE ARE A TOTAL OF 52 OUTLETS WITH A DIVERSIFIED LOAD OF 26 SCFM ON THIS SYSTEM.
- 16 (E) O2 MAIN IS 1" AT POC FOR THIS PROJECT. (E) LOAD DOWNSTREAM TO FURTHEST OUTLET IS (42) OUTLETS AT A DIVERSIFIED FLOW OF 14.91 SCFM. TOTAL PRESSURE DROP TO THIS POINT IN SYSTEM IS 0.76 PSI. ADDITIONAL PRESSURE DROP TO O2 SYSTEM IN PENTHOUSE ON ROOF DIRECTLY ABOVE THIS FLOOR IS 0.16 PSI. TOTAL PSI DROP TO FURTHEST OUTLET ON THE SYSTEM WITH THIS PROJECT INCLUDED IS 0.92 PSI. PRESSURE DROP EQUIVALENT LENGTHS OF PIPING CALCULATED AT 1.5 FACTOR. THERE ARE A TOTAL OF 54 OUTLETS WITH A DIVERSIFIED LOAD OF 19.17 SCFM ON THIS SYSTEM.



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# TCMC EMERGENCY DEPARTMENT

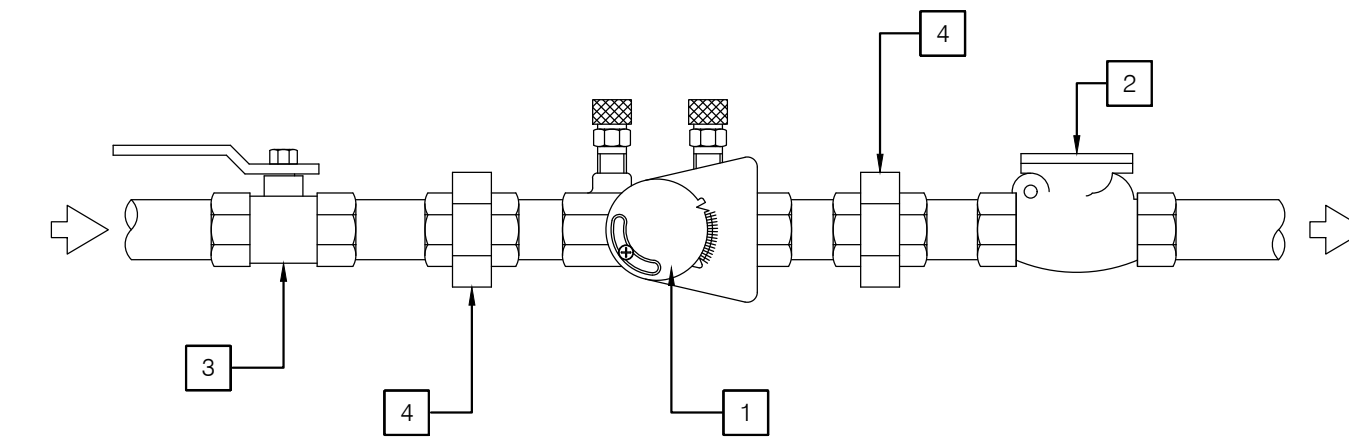
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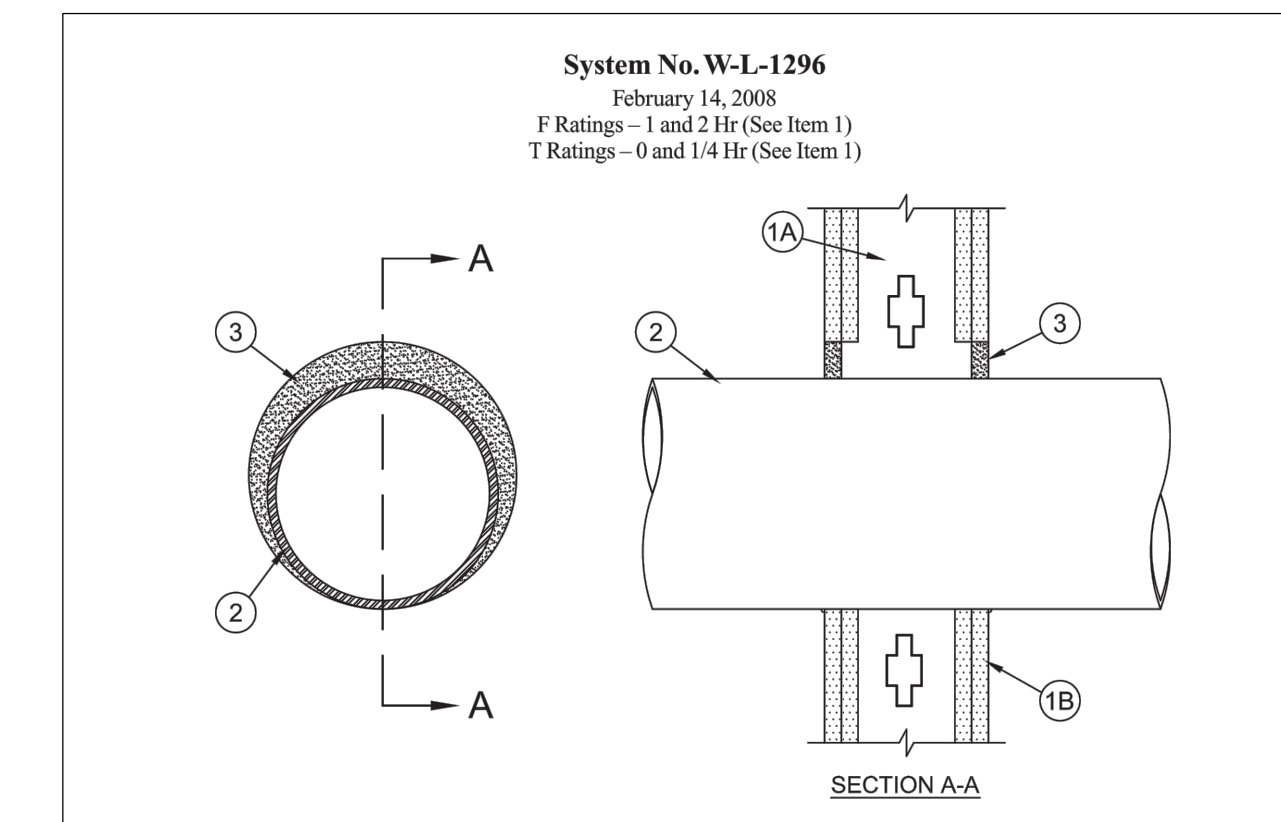


NOTES

- 1 CIRCUIT SETTER PLUS CALIBRATED BALANCE VALVES.
- 2 CHECK VALVE.
- 3 BALL VALVE.
- 4 UNION.

## 4 BALANCING VALVE ASSEMBLY

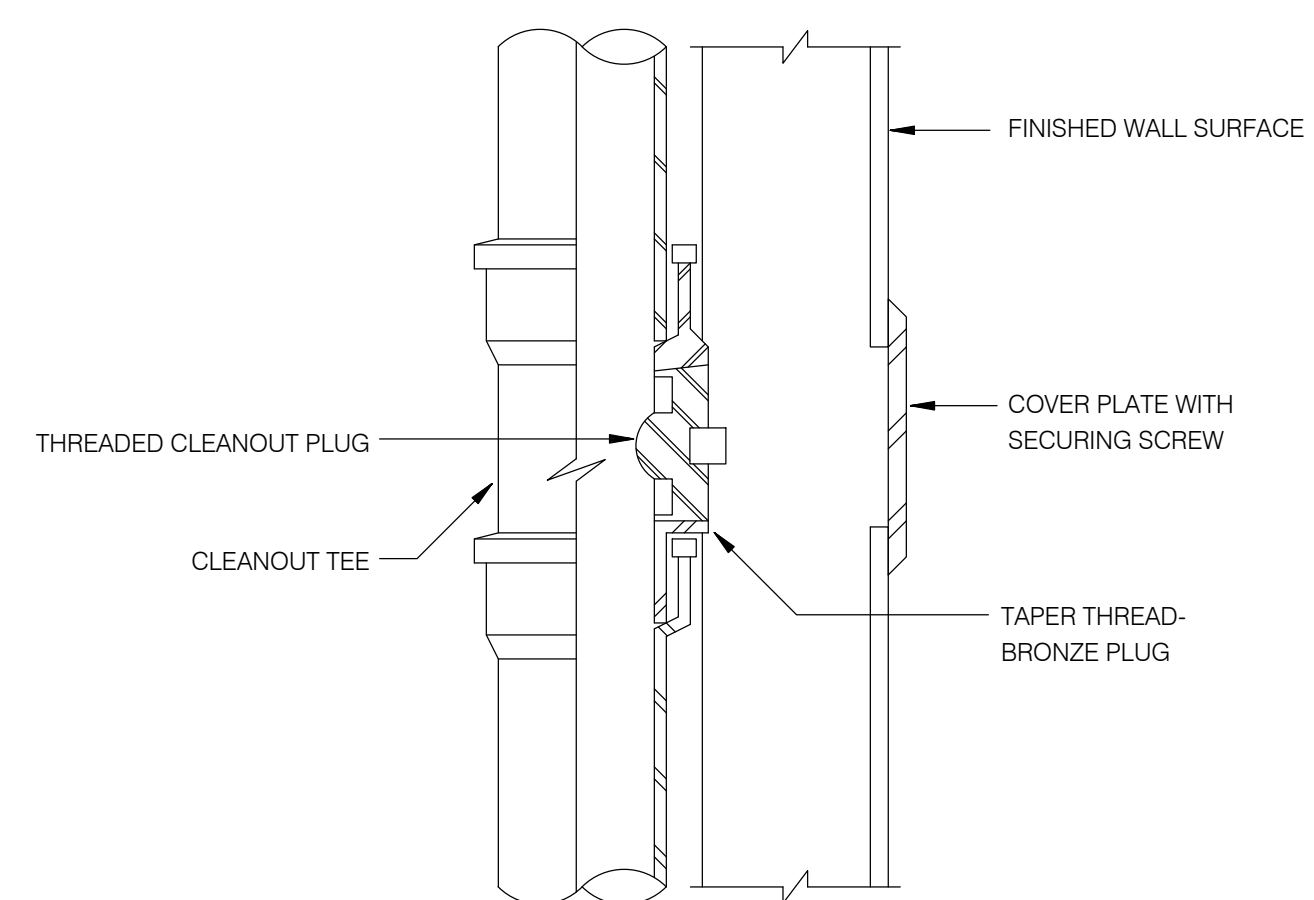
NO SCALE



1. WALL ASSEMBLY - THE 1 OR 2 HR FIRE-RATED GYPSUM BOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL U300, U400 OR V400 SERIES WALL AND PARTITION DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:
- A. STUDS - WALL FRAMING SHALL CONSIST OF EITHER WOOD STUDS OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2 BY 4 IN. (51 BY 102MM) LUMBER SPACED MAX 16 IN. (406 MM) OC. STEEL STUDS TO BE MIN 3-1/2" IN. (89 MM) WIDE AND SPACED MAX 24 IN. (610 MM) OC. ADDITIONAL FRAMING MEMBERS SHALL BE USED TO COMPLETELY FRAME AROUND OPENING.
- B. GYPSUM BOARD\* - MIN 5/8" IN. (16 MM) THICK, 4 FT (1.2M) WITH SQUARE OR TAPERED EDGES. THE GYPSUM BOARD TYPE, THICKNESS, NUMBER OF LAYERS AND ORIENTATION SHALL BE AS SPECIFIED IN THE INDIVIDUAL U300, U400 OR V400 WALL AND PARTITION DESIGN. MAX SIZE OF OPENING IS 210 SQ IN. (1355 CM<sup>2</sup>) WITH A MAX WIDTH OF 14-1/2 IN. (368 MM) FOR WOOD STUDS. MAX AREA OF OPENING IS 77.3 SQ FT. (7.2 M<sup>2</sup>) WITH A MAX WIDTH OF 105-1/2" IN. (2.7 M) FOR STEEL STUDS.
- THE HOURLY F RATING OF THE FIRESTOP SYSTEM IS EQUAL TO THE HOURLY FIRE RATING OF THE WALL IN WHICH IT IS INSTALLED.
2. COPPER PIPE - NOMINAL 4" OR SMALLER, REGULAR OR HEAVIER COPPER PIPE.
3. FIRESTOP SYSTEM - THE FIRESTOP SYSTEM SHALL CONSIST OF THE FOLLOWING:
- A. MIN. 5/8" THICKNESS OF CAULK APPLIED WITHIN ANNULUS, FLUSH WITH BOTH SURFACES OF WALL.
- B. MIN. 1/4" DIA. BEAD OF CAULK APPLIED TO GYPSUM BOARD/PENETRANT INTERFACE AT POINT CONTACT LOCATION ON BOTH SIDES OF WALL.
- 3M COMPANY  
3M FIRE PROTECTION PRODUCTS - IC 15WB+, CP25WB+ CAULK OR FB-3000 WT SEALANT

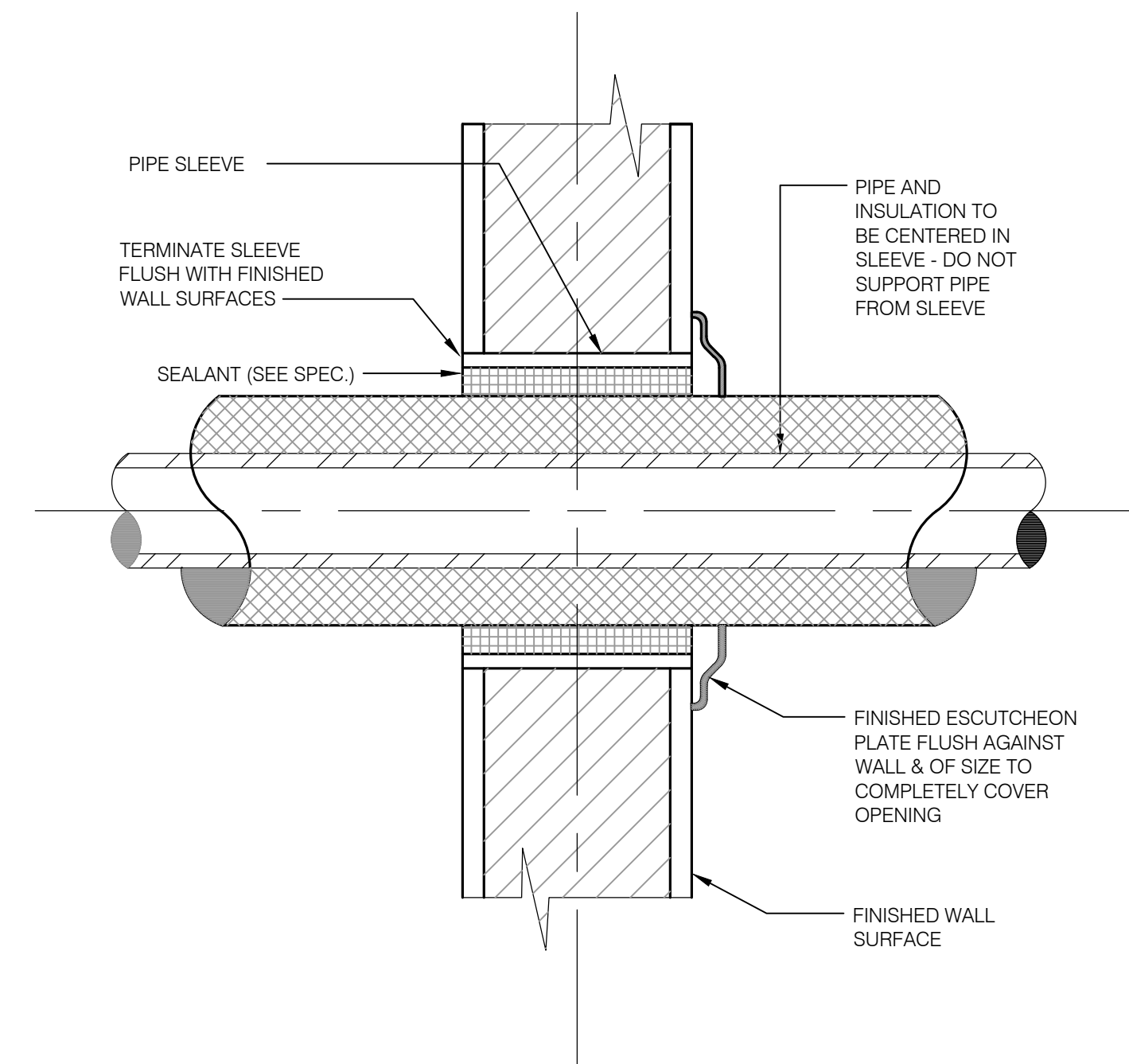
## 2 PIPE FIRESTOPPING DETAIL

NO SCALE



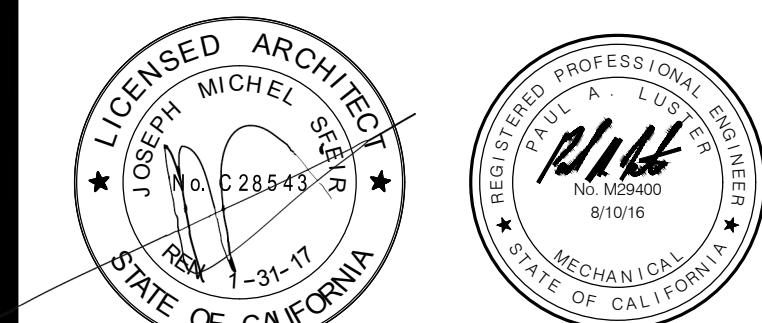
## 3 WALL CLEANOUT DETAIL

NO SCALE



## 1 BARE PIPE THROUGH NON-RATED WALLS

NO SCALE



△	OSHPD COMMENTS	11/18/16
△	DESIGN CHANGES	11/18/16
△	OSHPD COMMENTS	02/15/17
△	DESIGN CHANGES	02/15/17
△	OSHPD COMMENTS	08/11/17

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## DETAILS

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT #:  
01593.00

SHEET NUMBER:  
DRAWN BY:  
CHECKED BY:  
SCALE:  
As indicated  
DATE:  
08/03/16

P2S No. 8232

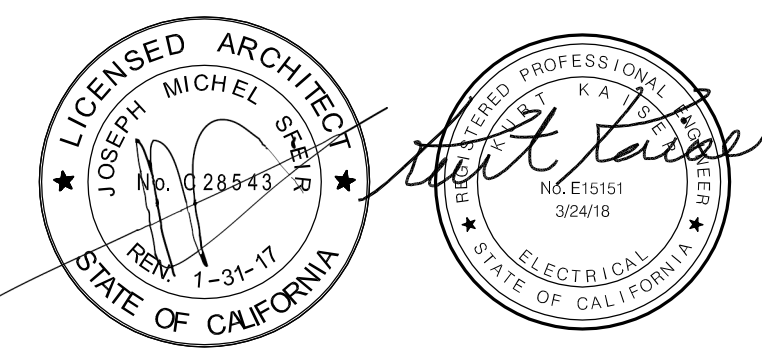
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SHEET TITLE:  
SINGLE LINE  
DIAGRAMS

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT #: 01593.00 SHEET NUMBER:  
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E002

- NOTES**
- 3/4"-1#8 GND. INTERCONNECTING GROUND BUSES IN PANEL.
  - OSHPD OSP #0016-10
  - CONDUCTOR AMPACITY DERATED TO 98.6A FOR 3 1/2" H. AND 120F. (OCEANSIDE, CA) AMBIENT TEMPERATURE PER CEC 310.16 AND 150F ROOF TEMPERATURE FOR CEC TABLE 310.15(B)(3)(C), #1/0 AWG = (170A)(0.58) = 98.6A.
  - PROVIDE CIRCUIT BREAKER INDICATED IN AVAILABLE SPACE.
- SHEET NOTES**
- ALL NEW FEEDER CONDUCTORS SHALL BE CONTINUOUS WITH NO SPICES.
  - ALL FEEDERS SHALL BE COPPER WITH 90° C. (THHN/THWN) INSULATION.
  - NEW CIRCUIT BREAKERS SHALL BE TYPE TO MATCH EXISTING, U.N.O. PROVIDE ALL REQUIRED MOUNTING HARDWARE, LUGS AND COVERPLATES FOR A COMPLETE INSTALLATION.
  - THIS PROJECT WILL BE CONSTRUCTED IN MULTIPLE PHASES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THEIR WORK WITH THE ARCHITECTURAL PHASING PLANS AND ALL OTHER TRADES AND INSTALL IN SUCH A WAY THAT IT DOES NOT AFFECT THE ADJOINING OCCUPIED SPACES AND MEETS ALL OF THE REQUIREMENTS OF CONTRACT DOCUMENTS AND SPECIFICATIONS AS PART OF THE BASE BID.

**LOAD VERIFICATION #1 - '1B1/1B2'**

PANELS '1B1/1B2' EXISTING DEMAND  
LOAD READING FROM  
06-23-16 TO 06-27-16 = 57A  
57A X 1.25 = 71A  
PANEL '1B2' LOAD ADDITION = 11A  
TOTAL LOAD = 82A

**LOAD VERIFICATION #2 - 'DPA'**

DIST. BOARD 'DPA' EXISTING DEMAND  
LOAD READING FROM  
06-22-16 TO 06-26-16 = 60A  
60A X 1.25 = 75A  
PANEL '1B2' LOAD ADDITION = 11A  
TOTAL LOAD = 86A

**LOAD VERIFICATION #3 - 'EC1B'**

PANEL 'EC1B' EXISTING DEMAND  
LOAD READING FROM  
06-23-16 TO 06-27-16 = 24.1A  
24.1A X 1.25 = 30A  
PANEL 'EC1BB' ADDITION = 42A  
TOTAL LOAD = 72A

**LOAD VERIFICATION #4 - 'ECDP'**

DIST. BOARD 'ECDP' EXISTING DEMAND  
LOAD READING FROM  
07-16-16 TO 07-20-16 = 55A  
55A X 1.25 = 69A  
PANEL 'EC1BB' ADDITION = 42A  
TOTAL LOAD = 111A

**LOAD VERIFICATION #5 - 'EL1A'**

PANEL 'EL1A' EXISTING DEMAND  
LOAD READING FROM  
07-07-16 TO 07-10-16 = 16A  
16A X 1.25 = 20A  
PANEL 'EL1A' LOAD ADDITION = 4A  
TOTAL LOAD = 24A

**LOAD VERIFICATION #6 - 'ELBA'**

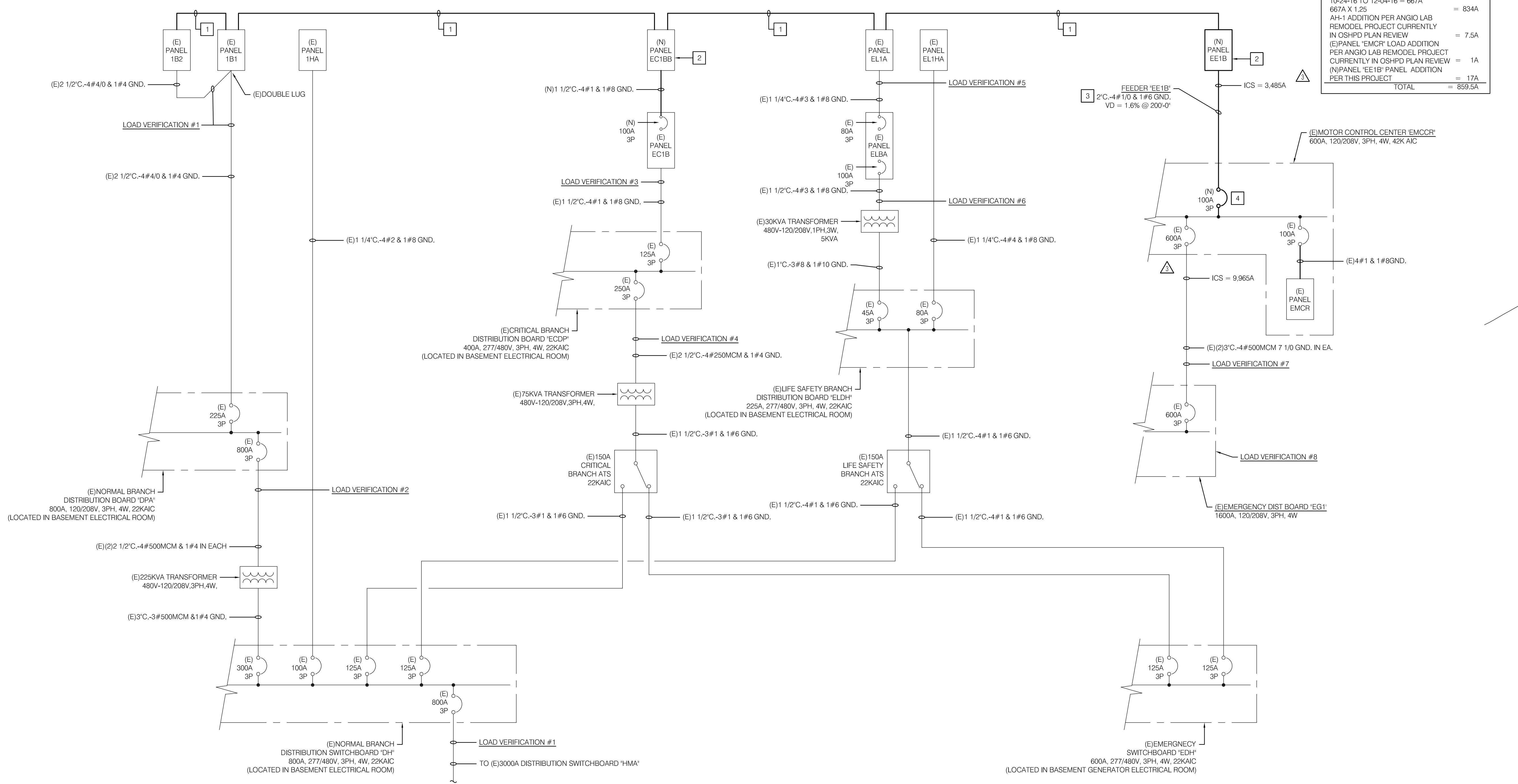
PANEL 'ELBA' EXISTING DEMAND  
LOAD READING FROM  
06-30-16 TO 07-06-16 = 15.7A  
15.7A X 1.25 = 20A  
PANEL 'EL1A' LOAD ADDITION = 4A  
TOTAL LOAD = 24A

**LOAD VERIFICATION #7 - 'EMCCR'**

(E)PANEL 'EMCCR' EXISTING DEMAND  
LOAD READING FROM  
9-23-16 TO 10-24-16 = 101A  
101A X 1.25 = 126A  
AH-1 ADDITION PER ANGIO LAB  
REMODEL PROJECT CURRENTLY  
IN OSHPD PLAN REVIEW = 7.5A  
(E)PANEL 'EMCR' LOAD ADDITION  
PER ANGIO LAB REMODEL PROJECT  
CURRENTLY IN OSHPD PLAN REVIEW = 1A  
(N)PANEL 'EE1B' PANEL ADDITION  
PER THIS PROJECT = 17A  
TOTAL = 151.5A

**LOAD VERIFICATION #8 - 'EG1'**

(E) EMERG. DIST. BOARD 'EG1'  
EXISTING DEMAND  
LOAD READING FROM  
10-24-16 TO 12-04-16 = 667A  
667A X 1.25 = 834A  
AH-1 ADDITION PER ANGIO LAB  
REMODEL PROJECT CURRENTLY  
IN OSHPD PLAN REVIEW = 7.5A  
(E)PANEL 'EMCR' LOAD ADDITION  
PER ANGIO LAB REMODEL PROJECT  
CURRENTLY IN OSHPD PLAN REVIEW = 1A  
(N)PANEL 'EE1B' PANEL ADDITION  
PER THIS PROJECT = 17A  
TOTAL = 859.5A



**TCMC  
EMERGENCY  
DEPARTMENT**

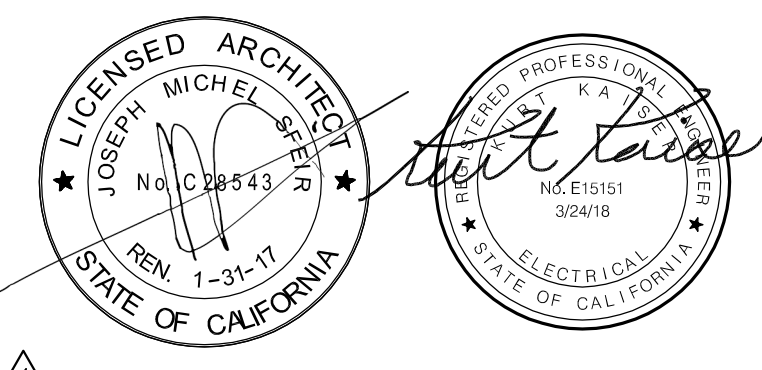
**TRI-CITY MEDICAL  
CENTER**  
4002 VISTA WAY  
OCEANSIDE, CALIFORNIA  
92056

OWNER: TRI-CITY MEDICAL CENTER  
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OSHPD COMMENTS	11/18/16
DESIGN CHANGES	11/18/16
OSHPD COMMENTS	02/15/17
DESIGN CHANGES	02/15/17
OSHPD COMMENTS	08/11/17

REV: DESCRIPTION DATE:

CONSULTANT

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OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

**LUMINAIRE AND FIRE  
STOP DETAILS**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT #: 01593.00 SHEET NUMBER:  
DRAWN BY: DATE:  
CHECKED BY: DATE:  
SCALE: As indicated  
DATE: 08/03/16

**E003**

P2S No. 8232

**LUMINAIRE SCHEDULE**

TYPE	DESCRIPTION	TOTAL V-A	LAMPS			VOLTAGE	MTG.	REMARKS
			NO.	V-A	TYPE			
A1 28	RECESSED T-BAR MOUNTED DIMMABLE 2' X 2' 4000K LED WITH OPAL ACRYLIC CENTER LENS. LUTRON H-SERIES 0-10V 1% DIMMING DRIVER. FOCAL POINT #FEQ2-22-AC-2500L-40K-1C-UNV-LH1-G-WH	28	-	28	LED	UNV	R	NOTES 1, 2, 3
A2 28	RECESSED T-BAR MOUNTED DIMMABLE 2' X 2' 4000K LED WITH OPAL ACRYLIC CENTER LENS. STANDARD 0-10V DIMMING DRIVER. FOCAL POINT #FEQ2-22-AC-2500L-40K-1C-UNV-LD1-G-WH	28	-	28	LED	UNV	R	NOTES 1, 2
A3 41	RECESSED T-BAR MOUNTED 2' X 4' 4000K LED WITH OPAL ACRYLIC CENTER LENS. STANDARD 0-10V DRIVER. FOCAL POINT #FEQ2-24-AC-4000L-40K-1C-UNV-LD1-G-WH	41	-	41	LED	UNV	R	NOTES 1, 2
B1 77	4' WIDE X 6'-0" LONG 1000 LUMEN PER FOOT OUTPUT LED WITH LUTRON 3-WIRE 1% DIMMING DRIVER, WHITE TRIM AND 15/16 LAY IN T-GRID HANGERS. FOCAL POINT #FSM4L-FL-1000LF-40K-1C-120-LH1-G1-WH-6	77	-	77	LED	120	R	NOTES 1, 2, 3
B2 102	4' WIDE X 8'-0" LONG 1000 LUMEN PER FOOT OUTPUT LED WITH LUTRON 3-WIRE 1% DIMMING DRIVER, WHITE TRIM AND 15/16 LAY IN T-GRID HANGERS. FOCAL POINT #FSM4L-FL-1000LF-40K-1C-120-LH1-G1-WH-8	102	-	102	LED	120	R	NOTES 1, 2, 3
C1 24	6" DIAMETER 2000 LUMEN 55 DEGREE RECESSED GRID MOUNTED LED DOWNLIGHT WITH WIDE BEAM SPREAD AND MICRO PRISM SOLITE LENS. #RDF06LEDXT-13L-XW-E-1-CB24-RD6F-SG-SOX	24	-	24	LED	120	R	NOTES 1, 2
C2 24	6" DIAMETER 2000 LUMEN 55 DEGREE GYPSUM CEILING MOUNTED LED DOWNLIGHT WITH WIDE BEAM SPREAD AND MICRO PRISM SOLITE LENS. #RDF06LEDXT-13L-XW-E-1-H12-RD6F-SG-SOX	24	-	24	LED	120	R	NOTES 1, 2
C3 24	6" DIAMETER 2000 LUMEN RECESSED LED DOORLIGHT, GYPSUM CEILING MOUNTED WITH WIDE BEAM SPREAD, WET LOCATION LISTED. PROVIDE SEMI-DIFFUSE FROSTED GLASS LENS. SPECTRUM LIGHTING. #RDF06LEDXT-20L-XW-E-1-H12-RD6FSS-FGW	24	-	24	LED	120	R	NOTES 1, 2
D1 187	4' WIDE X 28'-0" X 16'-0" 1000 LUMEN PER FOOT OUTPUT "L" SHAPED LED WITH LUTRON 3-WIRE 1% DIMMING DRIVER, WHITE TRIM AND 15/16 LAY IN T-GRID HANGERS. FOCAL POINT #FSM4L-FL-1000LF-40K-1C-120-LH1-G1-WH-28 x 16'	187	-	187	LED	120	R	NOTES 1, 2, 4
D2 140	4' WIDE X 22'-4" X 10'-4" 1000 LUMEN PER FOOT OUTPUT "L" SHAPED LED WITH LUTRON 3-WIRE 1% DIMMING DRIVER, WHITE TRIM AND 15/16 LAY IN T-GRID HANGERS. FOCAL POINT #FSM4L-FL-1000LF-40K-1C-120-LH1-G1-WH-22-4' x 10-4'	140	-	140	LED	120	R	NOTES 1, 2, 4
E1 2	LED EDGE LIT CEILING MOUNTED EXIT SIGN LETTER COLOR TO MATCH BUILDING STANDARD. PROVIDE DIRECTIONS ARROWS AS INDICATED ON PLANS. SURE-LITES #ELX6	2	-	2	LED	120	UNV	NOTES 1, 2
F1 60	FLEXIBLE LED STRIP LIGHT WITH 32 COOL WHITE LEDS PER FOOT, 3M ADHESIVE TAPE BACKING AND 60 WATT POWER SUPPLY. ASPECT LED LED TAPE #AL-PS-NN-U-0W-24	60	-	60	LED	120	S	NOTES 1, 2, 5
G1 26	RECESSED T-BAR MOUNTED DIMMABLE 1' X 4' 4000K LED WITH OPAL ACRYLIC CENTER LENS. STANDARD 0-10V DIMMING DRIVER. FOCAL POINT #FEQ2-14-AC-2500L-40K-1C-UNV-LD1-G-WH	26	-	26	LED	UNV	R	NOTES 1, 2

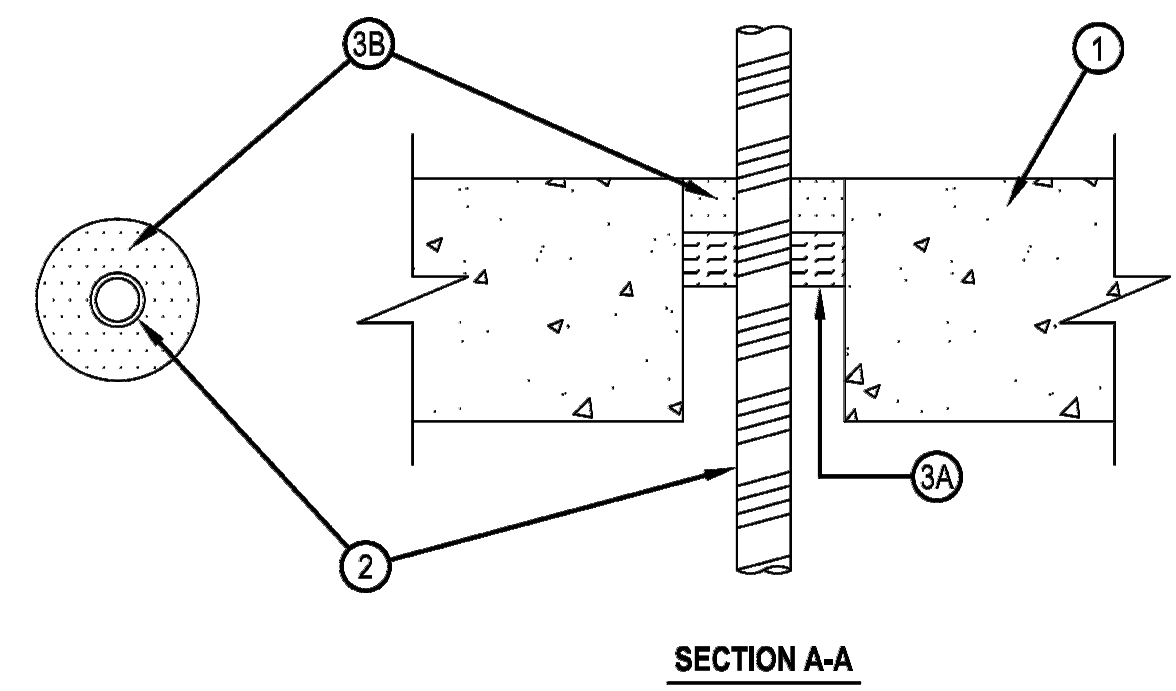
GENERAL NOTES:  
1. ALL LED LUMINAIRES SHALL BE PROVIDED WITH 3500K COLOR TEMPERATURE LAMPS (UNLESS OTHERWISE NOTED) AND ELECTRONIC DRIVER AS SPECIFIED.

ABBREVIATIONS:  
P = PENDANT  
R = RECESSED  
S = SURFACE  
W = WALL  
PO = POLE

KEY NOTES:  
1. PROVIDE COMPLETE WITH ALL MOUNTING HARDWARE REQUIRED FOR A COMPLETE INSTALLATION.  
2. REFER TO ARCHITECTURAL PLANS FOR CEILING TYPE.  
3. PROVIDE LUTRON H-SERIES 1% DIMMING DRIVER.  
4. VERIFY EXACT LENGTHS WITH ARCHITECTURAL REFLECTED CEILING PLAN.  
5. PROVIDE ALL COMPONENTS FOR A COMPLETE AND OPERABLE COVE LIGHT SYSTEM.

**System No. C-AJ-1326**

ANSI/UL1479 (ASTM E814)	CANULC S115
F Rating — 2 Hr	F Rating — 2 Hr
T Rating — 1 Hr	FT Rating — 1 Hr
L Rating At Ambient — Less Than 1 CFM/sq ft	FH Rating — 2 Hr
L Rating At 400 F — Less Than 1 CFM/sq ft	FTH Rating — 1 Hr



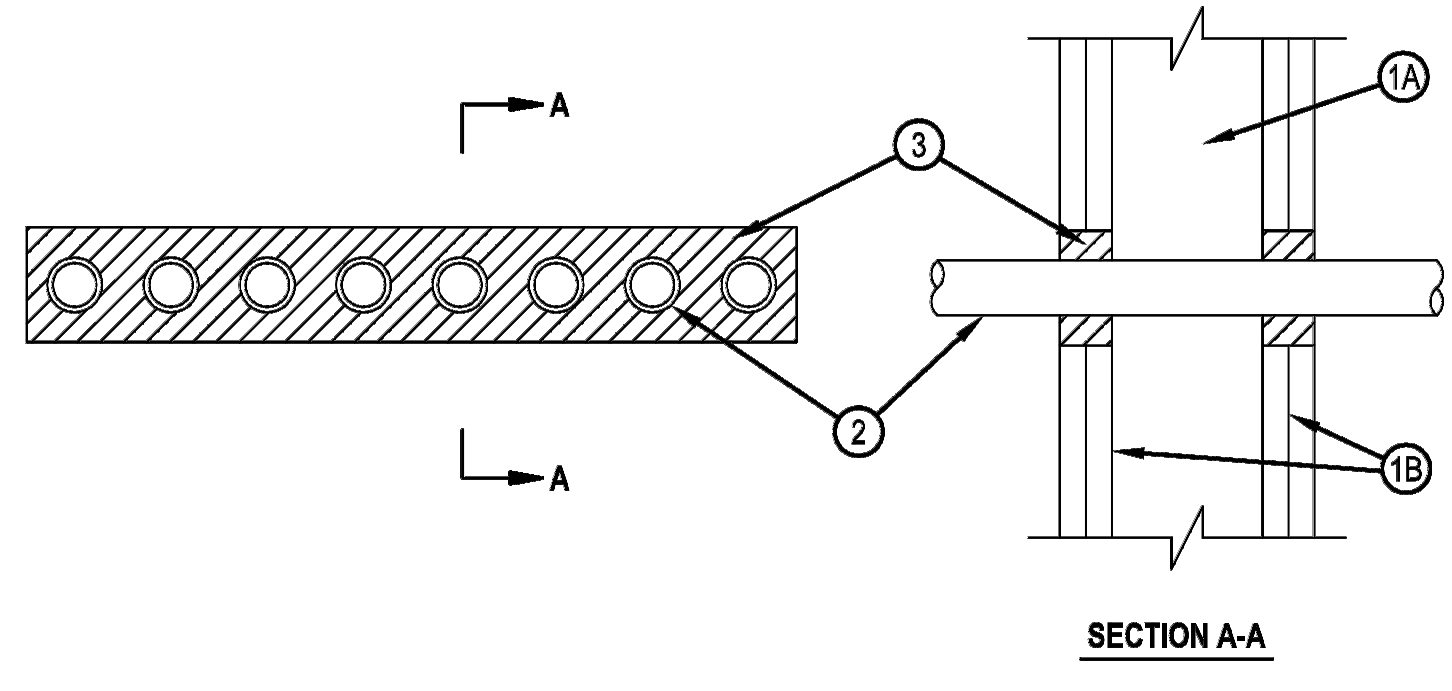
- Floor or Wall Assembly — Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m<sup>3</sup>) concrete. Wall may also be constructed of any UL Classified Concrete Blocks\*. Max diam of opening is 3 in. (76 mm). See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.
- Through Penetrant\* — Flexible Steel Conduit\* — Nom 1 in. (25 mm) diam (or smaller) flexible steel conduit. Max one conduit to be installed either concentrically or eccentrically within the firestop system. The annular space between pipe and periphery of opening shall be min 1/2 in. (13 mm) to max 1-1/2 in. (38 mm). Conduit to be rigidly supported on both sides of floor or wall assembly. See Flexible Metal Conduit (DXUZ) category in the Electrical Construction Materials Directory for names and manufacturers.
- Firestop System — The firestop system shall consist of the following:
  - Forming Materials\* — Forming material, min 1 in. (25 mm) thick, to be formed into opening as a permanent form. Forming material to be recessed from top surface of floor and both surfaces of wall to accommodate the required thickness of fill material. HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CF812 or CF-AS CJP Foam Sealant
  - Fill, Void or Cavity Materials\* — Sealant — Min 1 in. (25 mm) thickness of fill material applied within the annulus, flush with top surface of floor. HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — FS-ONE Sealant or FS-ONE MAX Intumescent Sealant.

\* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.  
\*Bearing the UL Listing Marking



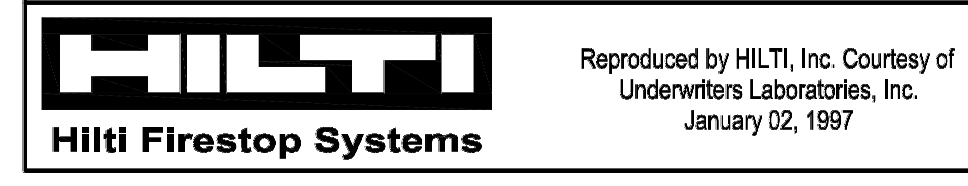
**System No. W-L-1095**

F Ratings — 1 & 2 Hr (See Item 1)  
T Ratings — 1 & 2 Hr (See Item 3)  
L Rating At Ambient — Less Than 1 CFM/Sq Ft  
L Rating At 400 F — 4 CFM/Sq Ft



- Wall Assembly — The 1 or 2 h fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner described in the individual U300 or U400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:
  - Studs — Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced 16 in. OC. Steel studs to be min 2-1/2 in. wide and spaced max 24 in. OC.
  - Gypsum Board\* — 5/8 in. thick, 4 ft wide with square or tapered edges. The gypsum wallboard type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual U300 or U400 Series Design in the UL Fire Resistance Directory. Max size of opening 2-5/8 in. by 18 in. The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed.
- Electric Metallic Tubing (EMT) — One or more nom 1 in. diam steel electric tubing. The annular space shall be min 1/2 in. to a max 1 in. Conduit to be rigidly supported on both sides of wall assembly.
- Fill, Void or Cavity Material\* — Sealant — For 2 h F Rating, min 1-1/4 in. thickness of fill material applied within the annulus, flush with both surfaces of wall. For 1 h F Rating, min 5/8 in. thickness of fill material applied within the annulus, flush with both surfaces of wall. HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — FS-One Sealant

\*Bearing the UL Classification Mark





**TCMC  
EMERGENCY  
DEPARTMENT**

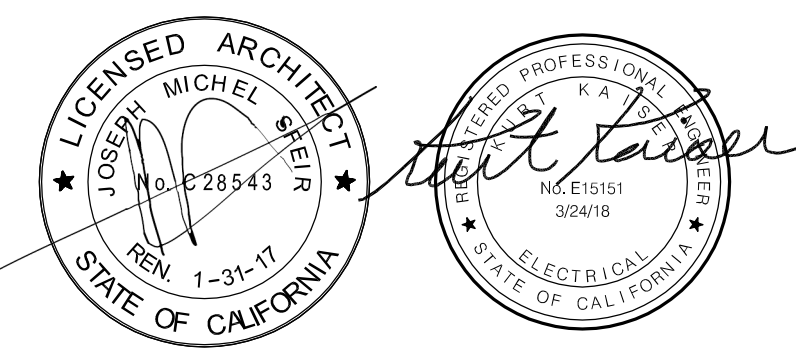
**TRI-CITY MEDICAL  
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ME&P: P2S  
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SAN DIEGO, CALIFORNIA 92123  
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△	OSHPD COMMENTS	11/18/16
△	DESIGN CHANGES	11/18/16
△	OSHPD COMMENTS	02/15/17
△	DESIGN CHANGES	02/15/17
△	OSHPD COMMENTS	08/11/17

REV	DESCRIPTION	DATE
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OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

SHEET TITLE:  
**PARTIAL FIRST  
FLOOR PLAN**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT #: 01593.00 SHEET NUMBER:  
DRAWN BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_  
SCALE: As indicated  
DATE: 08/03/16

**E100**

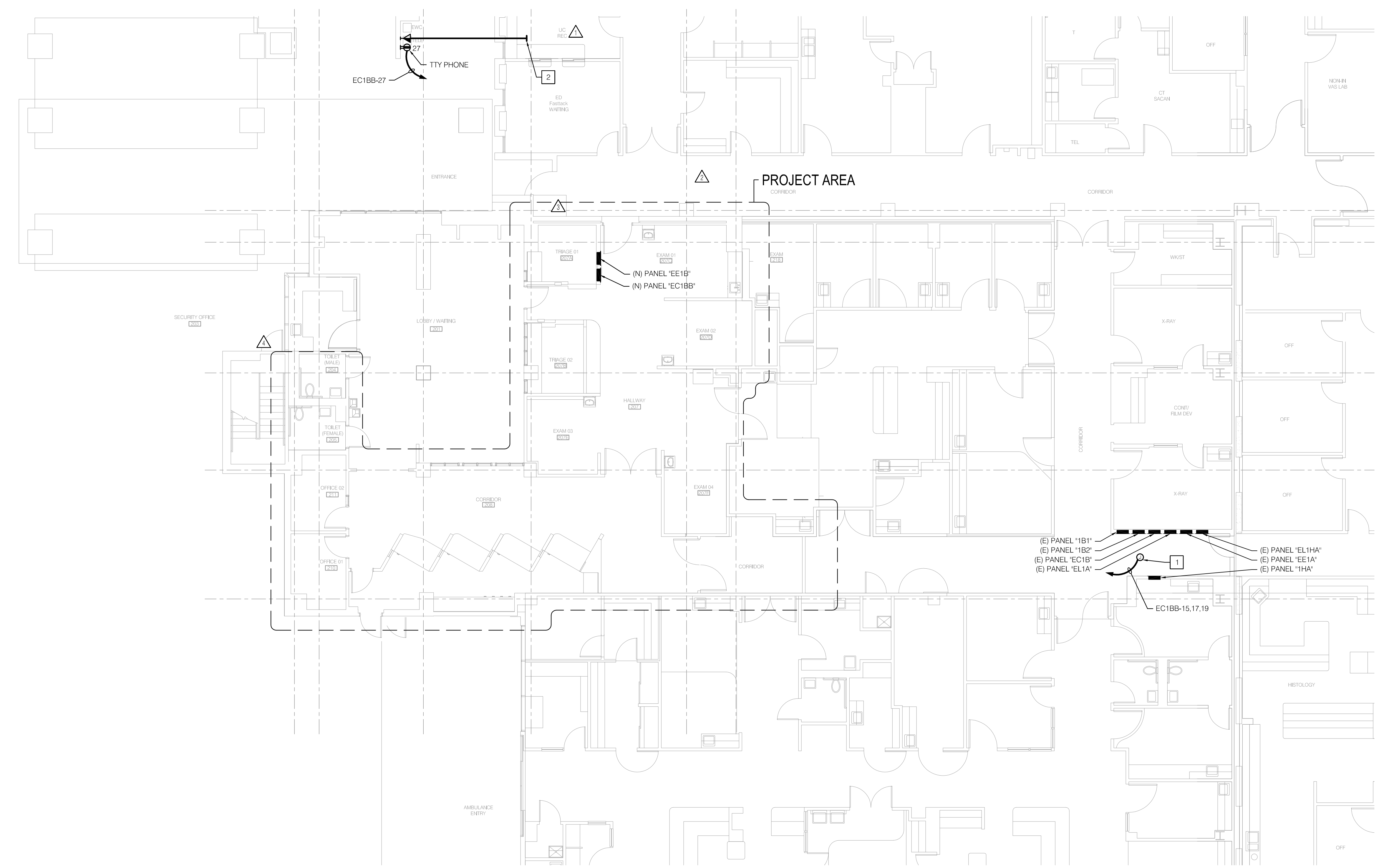
P2S No. 8232

**SHEET NOTES**

- CONTRACTOR SHALL FIELD DEVELOPE THE CONDUIT INSTALLATION ALONG ROUTE SHOWN ON PLANS WITH PULLBOXES AND/OR LB FITTINGS INSTALLED EVERY 360 DEGREES (MAXIMUM) OF CONDUIT BENDS TO AVOID OBSTRUCTIONS.
- THIS PROJECT WILL BE CONSTRUCTED IN MULTIPLE PHASES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THEIR WORK WITH THE ARCHITECTURAL PHASING PLANS AND ALL OTHER TRADES AND INSTALL IN SUCH A WAY THAT IT DOES NOT AFFECT THE ADJOINING OCCUPIED SPACES AND MEETS ALL OF THE REQUIREMENTS OF CONTRACT DOCUMENTS AND SPECIFICATIONS AS PART OF THE BASE BID.

**NOTES**

- INTERCEPT EXISTING CIRCUITS 'EC1B-1.3.5' AND EXTEND TO PANEL 'EC1BB' WITH 3/4"C.-3#12, 3#12 NEUTRALS & 1#12 GND. PROVIDE SEPARATE NEUTRAL CONDUCTOR FOR EACH CIRCUIT INDICATED. CONTRACTOR TO FIELD VERIFY INTERCEPT POINT.
- ROUTE 1" C.O. WITH PULL ROPE INTO ACCESSIBLE CEILING SPACE.



**1 PARTIAL FIRST FLOOR PLAN**  
1/8" = 1'-0"



TCMC  
EMERGENCY  
DEPARTMENT

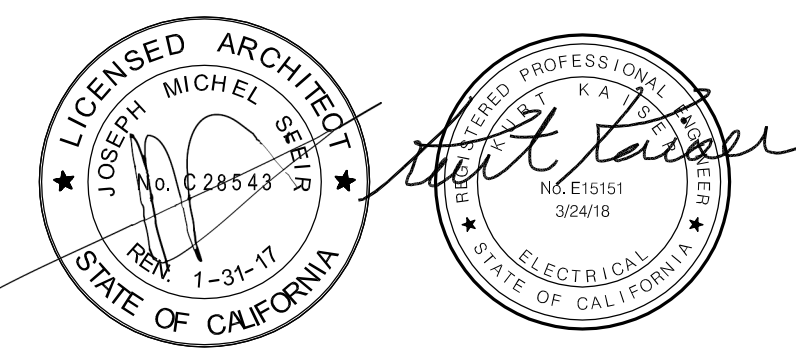
TRI-CITY MEDICAL  
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OSHPD COMMENTS	11/18/16
DESIGN CHANGES	11/18/16
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DESIGN CHANGES	02/15/17
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REV: DESCRIPTION DATE

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OSHPD APPROVAL STAMP:

OSHPD #: S162093-37-00

PROJECT TITLE:  
DEMOLITION PLAN

PROJECT #:  
TCMC EMERGENCY DEPARTMENT

PROJECT #:  
01593.00

SHEET NUMBER:  
E200

DATE:  
08/03/16

SCALE:  
As indicated

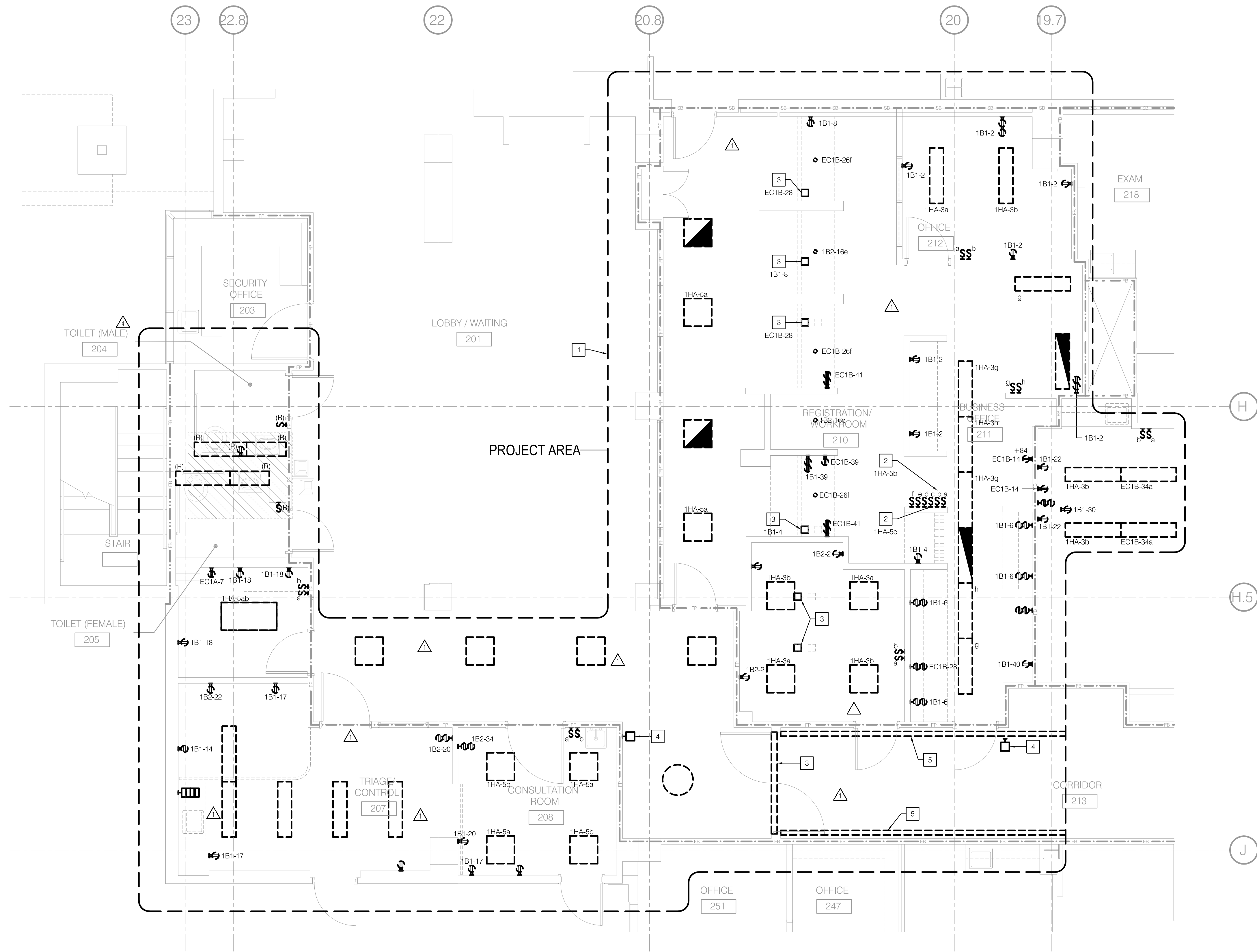
DATE:  
08/03/16

SHEET NOTES

- CONTRACTOR SHALL FIELD DEVELOPE THE CONDUIT INSTALLATION ALONG ROUTE SHOWN ON PLANS WITH PULLBOXES AND/OR LB FITTINGS INSTALLED EVERY 360 DEGREES (MAXIMUM) OF CONDUIT BENDS TO AVOID OBSTRUCTIONS.
- THIS PROJECT WILL BE CONSTRUCTED IN MULTIPLE PHASES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THEIR WORK WITH THE ARCHITECTURAL PHASING PLANS AND ALL OTHER TRADES AND INSTALL IN SUCH A WAY THAT IT DOES NOT AFFECT THE ADJOINING OCCUPIED SPACES AND MEETS ALL OF THE REQUIREMENTS OF CONTRACT DOCUMENTS AND SPECIFICATIONS AS PART OF THE BASE BID.

NOTES

- ALL EXISTING ELECTRICAL INDICATED TO BE REMOVED UNLESS NOTED OTHERWISE.
- EXISTING LIGHTING SWITCHES CONTROLLING LIGHTING OUTSIDE OF PROJECT NEED TO BE RELOCATED. REFER TO NOTE 4 SHEET E201 FOR ADDITIONAL INFORMATION.
- EXISTING AUTODOOR TO BE REMOVED AND RELOCATED.
- EXISTING AUTODOOR ACCESS CONTROLLER TO BE REMOVED.
- EXISTING SURFACE MOUNTED FLUORESCENT TUBE FIXTURE TO BE FIELD MODIFIED TO ACCOMMODATE NEW CONSTRUCTION.



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

# TCMC EMERGENCY DEPARTMENT

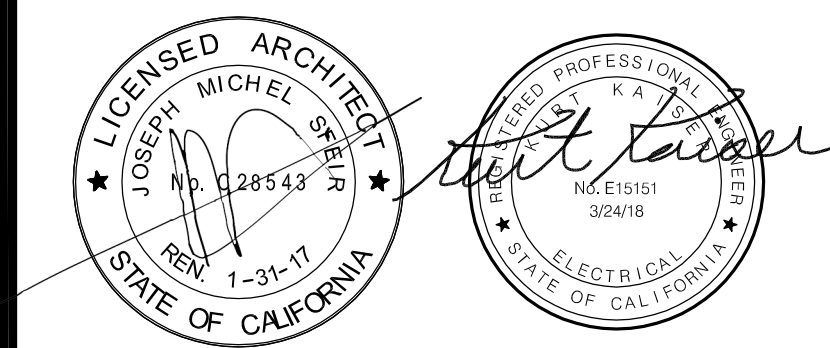
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OSHPD COMMENTS	11/18/16
DESIGN CHANGES	11/18/16
OSHPD COMMENTS	02/15/17
DESIGN CHANGES	02/15/17
OSHPD COMMENTS	08/11/17

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CONSULTANT  
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OSHPD #: S162093-37-00

## RENOVATION LIGHTING PLAN

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT #: 01593.00 SHEET NUMBER:  
DRAWN BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_  
SCALE: As indicated  
DATE: 08/03/16

E201

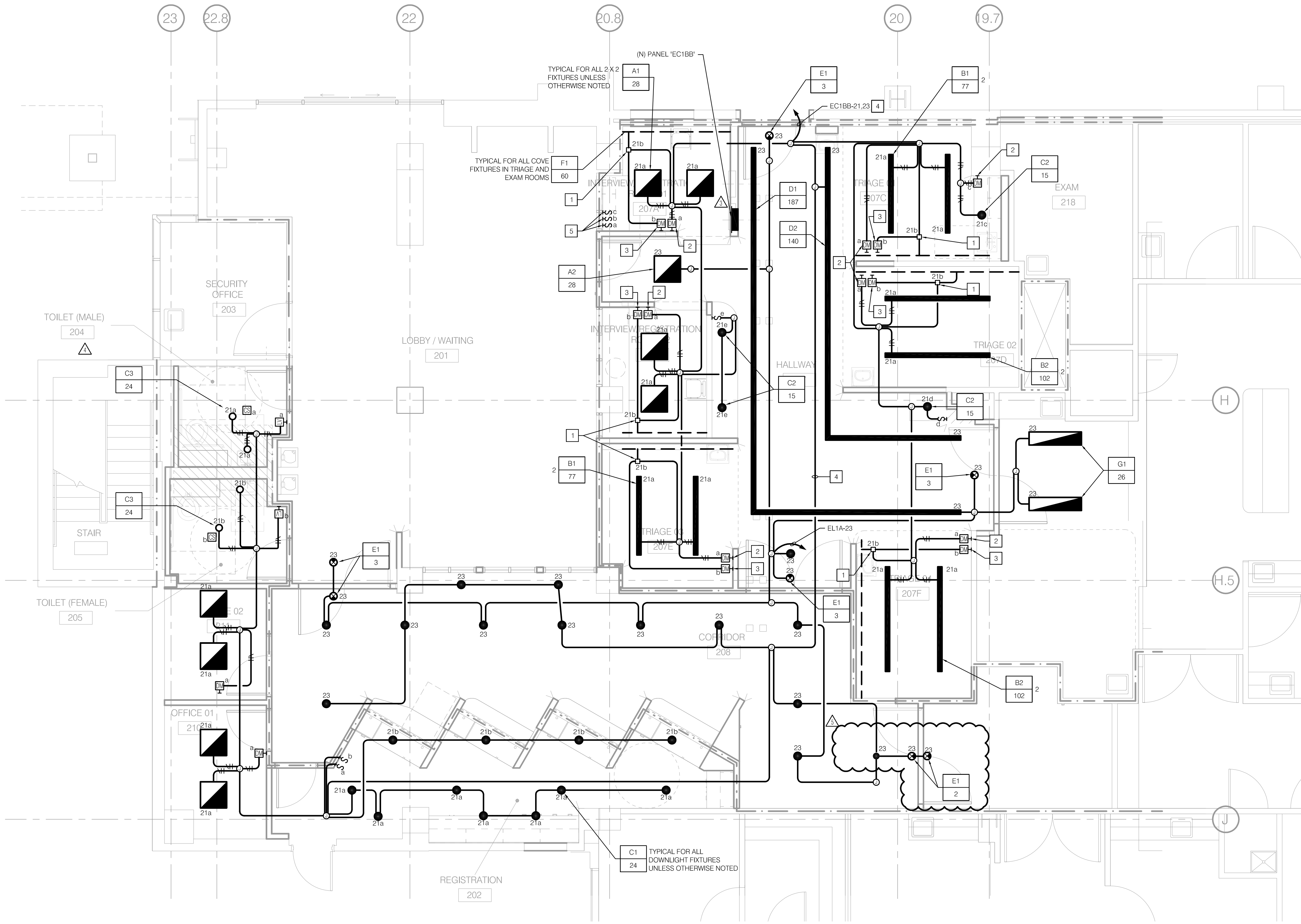
P2S No. 8232

### SHEET NOTES

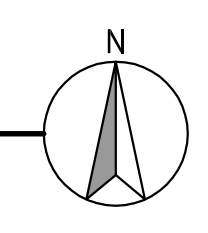
- CONTRACTOR SHALL FIELD DEVELOPE THE CONDUIT INSTALLATION ALONG ROUTE SHOWN ON PLANS WITH PULLBOXES AND/OR LB FITTINGS INSTALLED EVERY 360 DEGREES (MAXIMUM) OF CONDUIT BENDS TO AVOID OBSTRUCTIONS.
- THIS PROJECT WILL BE CONSTRUCTED IN MULTIPLE PHASES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THEIR WORK WITH THE ARCHITECTURAL PHASING PLANS AND ALL OTHER TRADES AND INSTALL IN SUCH A WAY THAT IT DOES NOT AFFECT THE ADJOINING OCCUPIED SPACES AND MEETS ALL OF THE REQUIREMENTS OF CONTRACT DOCUMENTS AND SPECIFICATIONS AS PART OF THE BASE BID.

### NOTES

- COVE LIGHT TYPE 'F1' POWER SUPPLY. REFER TO LUMINAIRE SCHEDULE FOR REQUIREMENTS.
- PROVIDE LUTRON SLIDE-TO-OFF 0-10V DIMMER #NTF-10-WH.
- PROVIDE LUTRON SLIDE-TO-OFF 2-WIRE INCANDESCENT DIMMER #NT-600-WH.
- 3/4" C. - 2#12, 2#12 NEUTRALS, & 1#12 GND.
- RELOCATED LIGHT SWITCHES CONTROLLING LIGHTING OUTSIDE OF PROJECT AREA TO BE RECONNECTED. INTERCEPT EXISTING CIRCUITS AND EXTEND TO LOCATION INDICATED. REFER TO DEMOLITION PLAN NOTE 2 SHEET E200 FOR ADDITIONAL INFORMATION.



**1** RENOVATION LIGHTING PLAN  
1/4" = 1'-0"



**TCMC  
EMERGENCY  
DEPARTMENT**

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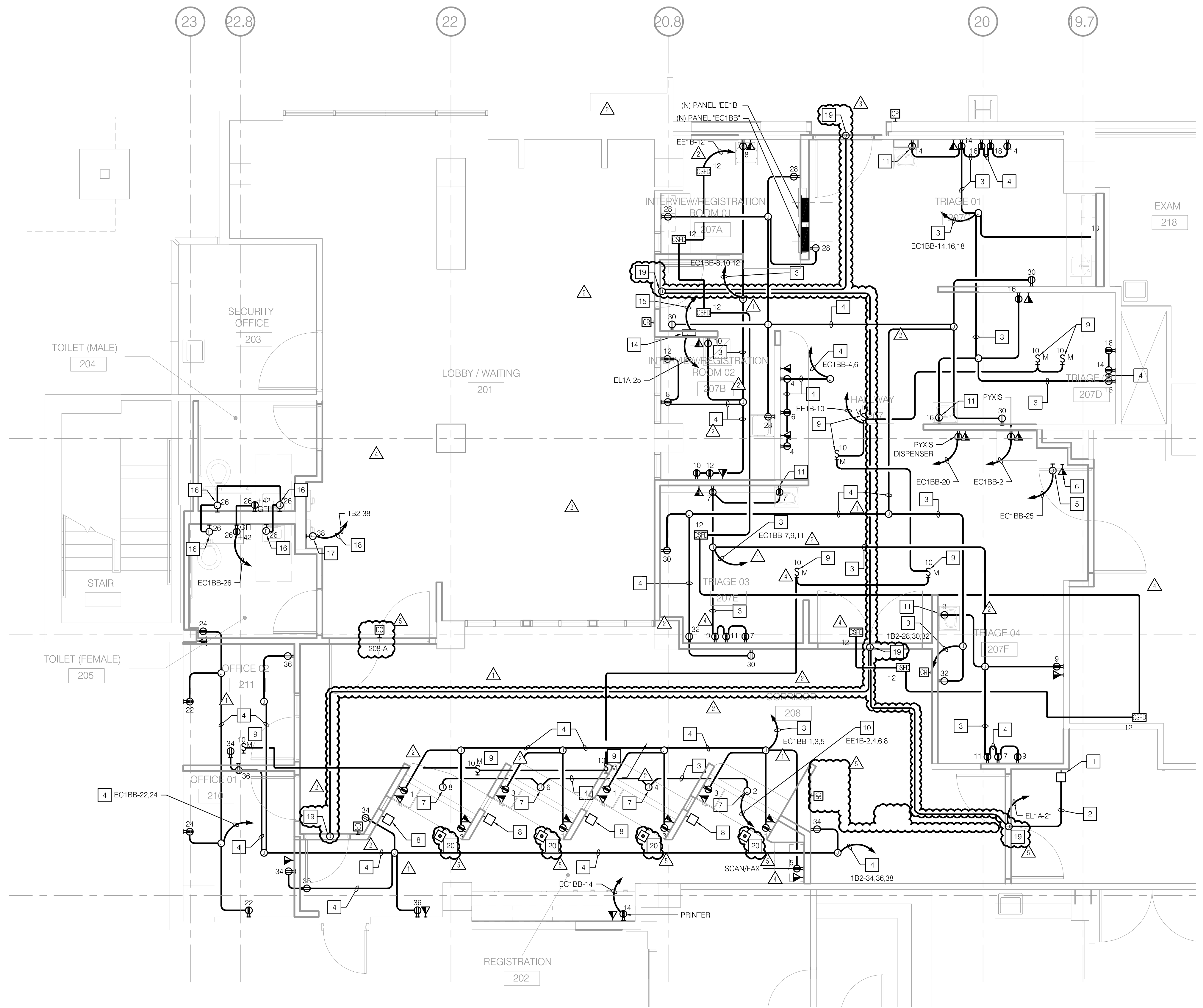
ME&P: P2S  
9665 CHESAPEAKE DRIVE, SUITE 230  
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**SHEET NOTES**

- CONTRACTOR SHALL FIELD DEVELOPE THE CONDUIT INSTALLATION ALONG ROUTE SHOWN ON PLANS WITH PULLBOXES AND/OR LB FITTINGS INSTALLED EVERY 360 DEGREES (MAXIMUM) OF CONDUIT BENDS TO AVOID OBSTRUCTIONS.
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**NOTES**

- PROVIDE FLUSH WALL MOUNTED TWO GANG OUTLET BOX AT +42" A.F.F. FOR AUTODOOR ACCESS CONTROL DEVICE.
- 3/4"C. WITH PULLROPE FOR AUTODOOR ACCESS CONTROL WIRING.
- 3/4"C. - 3#12, 3#12 NEUTRALS AND 1#12 GRD.
- 3/4"C. - 2#12, 2#12 NEUTRALS AND 1#12 GRD.
- 120V CONNECTION FOR NURSE CALL SYSTEM POWER SUPPLY.
- DATA OUTLET DEDICATED FOR NURSE CALL TERMINAL CABINET.
- 120V CONNECTION TO ROLL DOWN FIRE DOOR UNIT.
- PROVIDE 2-GANG FLUSH WALL MOUNTED OUTLET BELOW +42" A.F.F. WITH 3/4" C. TO RESPECTIVE PULL DOWN FIRE DOOR UNIT.
- 120V CONNECTION TO HVAC VAV BOX.
- 1"C. - 4#12, 4#12 NEUTRALS AND 2#12 GND.
- 120V CONNECTION TO SENSOR FAUCET.
- NOT USED
- NOT USED
- 120V CONNECTION TO MED GAS ALARM PANEL MGA-1. COORDINATE LOCATION WITH PLUMBING DRAWINGS PRIOR TO ROUGH-IN.
- COORDINATE LOCATION WITH PLUMBING DRAWINGS PRIOR TO ROUGH-IN. PROVIDE 1" C. TO MED GAS ZONE VALVE ZVB-1 FOR PRESSURE SENSOR WIRING.
- 120V CONNECTION TO PLUMBING FIXTURE. COORDINATE EXACT LOCATION WITH PLUMBING DRAWINGS PRIOR TO ROUGH-IN.
- 120V CONNECTION TO ELECTRIC WATER COOLER. COORDINATE EXACT LOCATION WITH PLUMBING DRAWINGS PRIOR TO ROUGH-IN.
- 3/4"C - 2#12, 1#12 GND.
- PROVIDE 120V CONNECTION TO DOOR CONTROLLER POWER SUPPLY. COORDINATE EXACT LOCATION WITH VENDOR.
- PROVIDE ELECTRONIC RELEASE BUTTON TO DOOR CONTACTS AT NEW DOOR 208-A FOR ACCESS INTO CORRIDOR 208.



**1 RENOVATION POWER PLAN**  
1/4" = 1'-0"

△	OSHPD COMMENTS	11/18/16
△	DESIGN CHANGES	11/18/16
△	OSHPD COMMENTS	02/15/17
△	DESIGN CHANGES	02/15/17
△	OSHPD COMMENTS	08/11/17

REV: \_\_\_\_\_ DESCRIPTION: \_\_\_\_\_ DATE: \_\_\_\_\_

CONSULTANT:  
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www.p2seng.com

OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

**RENOVATION  
POWER PLAN**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT #: 01593.00 SHEET NUMBER:  
DRAWN BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_  
SCALE: As indicated  
DATE: 08/03/16

**E202**

P2S No. 8232

**TCMC  
EMERGENCY  
DEPARTMENT**

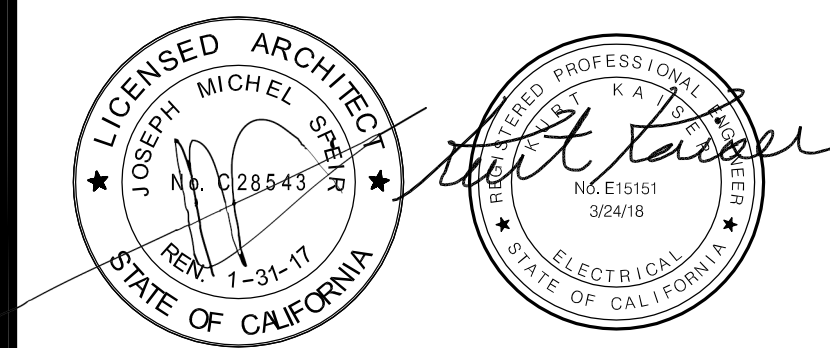
**TRI-CITY MEDICAL  
CENTER  
4002 VISTA WAY  
OCEANSIDE, CALIFORNIA  
92056**

OWNER: TRI-CITY MEDICAL CENTER  
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△	OSHPD COMMENTS	11/18/16
△	DESIGN CHANGES	11/18/16
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OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

**RENOVATION  
ROOF PLAN**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

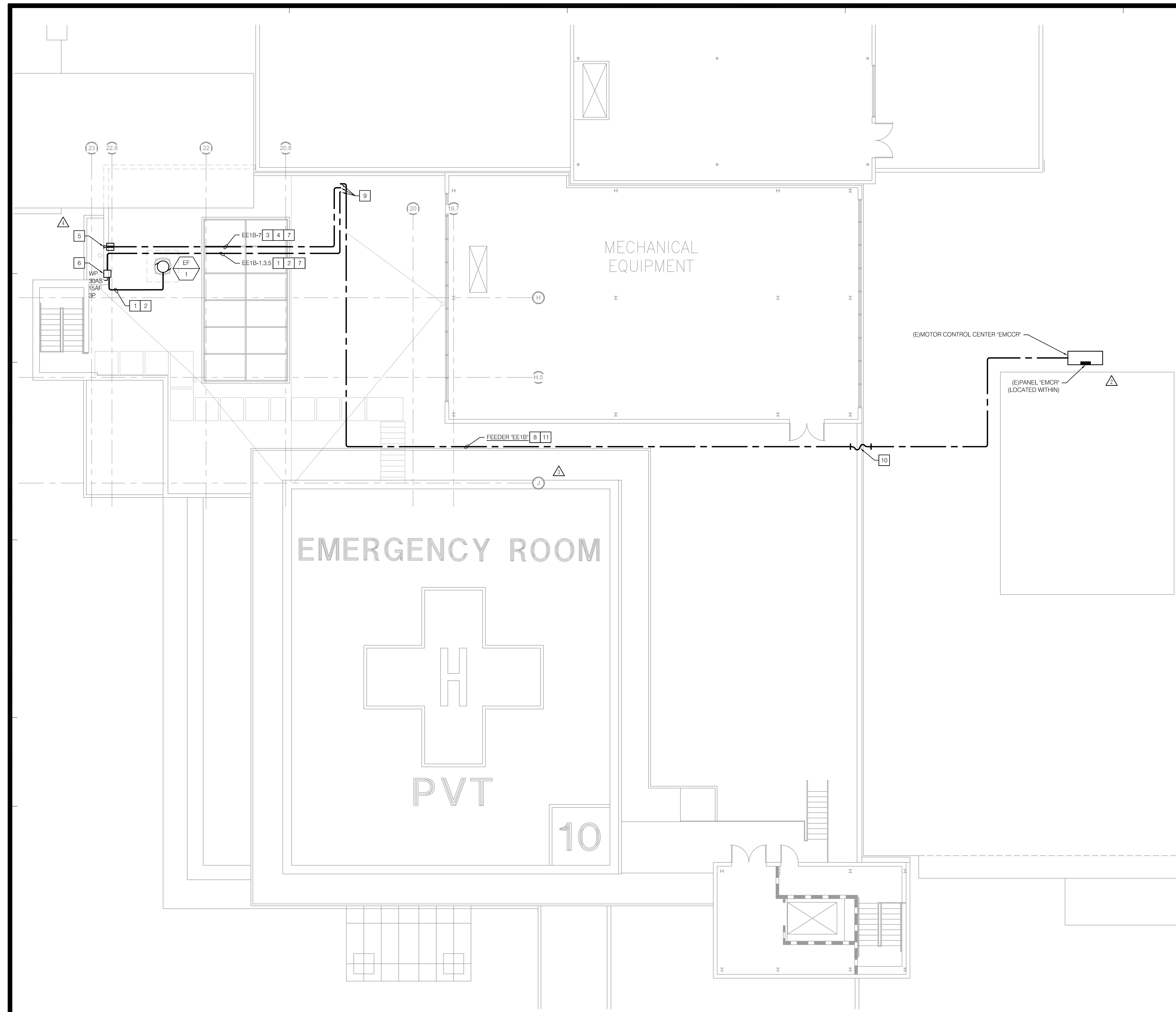
PROJECT #: 01593.00 SHEET NUMBER:  
DRAWN BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_  
SCALE: As indicated  
DATE: 08/03/16

**E203**

P2S No. 8232

- NOTES**
- 3/4"C.-3#12 & 1#12 GND. △
  - CONDUCTOR AMPACITY DERATED TO 17.4A FOR 3 1/2" H. AND 120F (OCEANSIDE, CA) AMBIENT TEMPERATURE PER CEC 310.16 AND 150F ROOF TEMPERATURE FOR CEC TABLE 310.15(B)(3)(C). #12 AWG = (30A)(0.58)=17.4A.
  - 3/4"C.-2#10 & 1#10 GND.
  - CONDUCTOR AMPACITY DERATED TO 23.2A FOR 3 1/2" H. AND 120F (OCEANSIDE, CA) AMBIENT TEMPERATURE PER CEC 310.16 AND 150F ROOF TEMPERATURE FOR CEC TABLE 310.15(B)(3)(C). #10 AWG = (40A)(0.58)=23.2A.
  - SURFACE MOUNT GFCl RECEPTACLE IN WEATHERPROOF ENCLOSURE TO PARAPET WALL.
  - SURFACE MOUNT DISCONNECT ENCLOSURE TO PARAPET WALL. △
  - ROUTE CONDUIT EXPOSED ON ROOF.
  - REFER TO SINGLE LINE DIAGRAM FOR REQUIREMENTS.
  - ROUTE CONDUIT DOWN TO PANEL 'EEB1' BELOW.
  - PROVIDE BUILDING SEPARATION JOINT. REFER TO DETAIL 3/E600.
  - CONDUCTOR AMPACITY DERATED TO 98.6A FOR 3 1/2" H. AND 120F (OCEANSIDE, CA) AMBIENT TEMPERATURE PER CEC 310.16 AND 150F ROOF TEMPERATURE FOR CEC TABLE 310.15(B)(3)(C). #1/0 AWG = (170A)(0.58)=98.6A.

- GENERAL NOTES**
- ROOF MOUNTED FEEDERS SIZED IN ACCORDANCE WITH 80% DERATING FACTOR CEC 310.15(D)(2)(a) AND TEMPERATURE DERATING FACTOR CEC 310.15(B)(3)(C).
  - SURFACE MOUNT ALL ROOF CONDUITS ON MINIMUM 3 1/2" H. DURA BLOK SUPPORTS AT MAX. 10'-0" O.C.
  - ELECTRICAL CONTRACTOR SHALL REFER TO MECHANICAL AND ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND CHARACTERISTICS OF ALL EQUIPMENT LISTED IN SCHEDULE. ANY MODIFICATIONS AND/OR ADDITIONAL WORK NECESSARY SHALL BE INCLUDED IN BASE BID.
  - ELECTRICAL CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS OF ALL CONNECTION POINTS WITH EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.
  - ALL CONDUIT EXPOSED ON ROOF SHALL BE RIGID.
  - ALL ROOF MOUNTED EQUIPMENT SHALL BE NEMA 3R RATED.
  - ELECTRICAL CONTRACTOR SHALL COORDINATE THE ROUTING OF POWER WIRING TO ROOF MOUNTED EQUIPMENT WITH MECHANICAL PIPE CURB ASSEMBLY. NO SEPARATE ROOF PENETRATION WILL BE PERMITTED. ALL WIRING SHALL BE BELOW THE ROOF IN ACCESSIBLE CEILING SPACE LOCATION UNLESS NOTED OTHERWISE.
  - SEAL ALL ROOF PENETRATIONS WATER TIGHT, PER ROOF MATERIAL REQUIREMENTS.



**1 RENOVATION ROOF PLAN**  
1/8" = 1'-0"

**TCMC  
EMERGENCY  
DEPARTMENT**

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

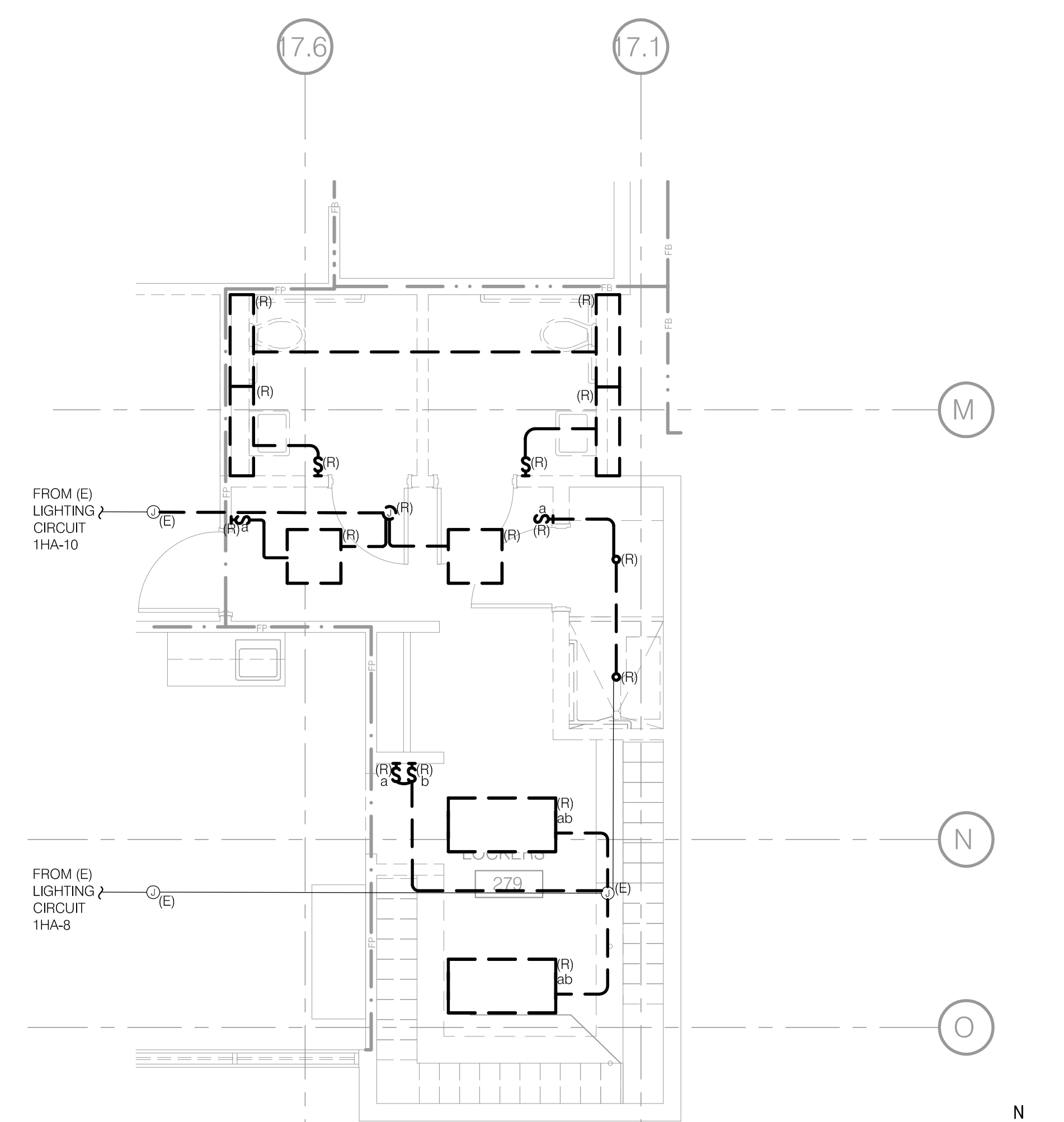
OWNER: TRI-CITY MEDICAL CENTER  
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OCEANSIDE, CALIFORNIA 92056  
TEL(760)724-8411

ARCHITECT: SFEIR ARCHITECTS  
5151 SHOREHAM PLACE, SUITE 100  
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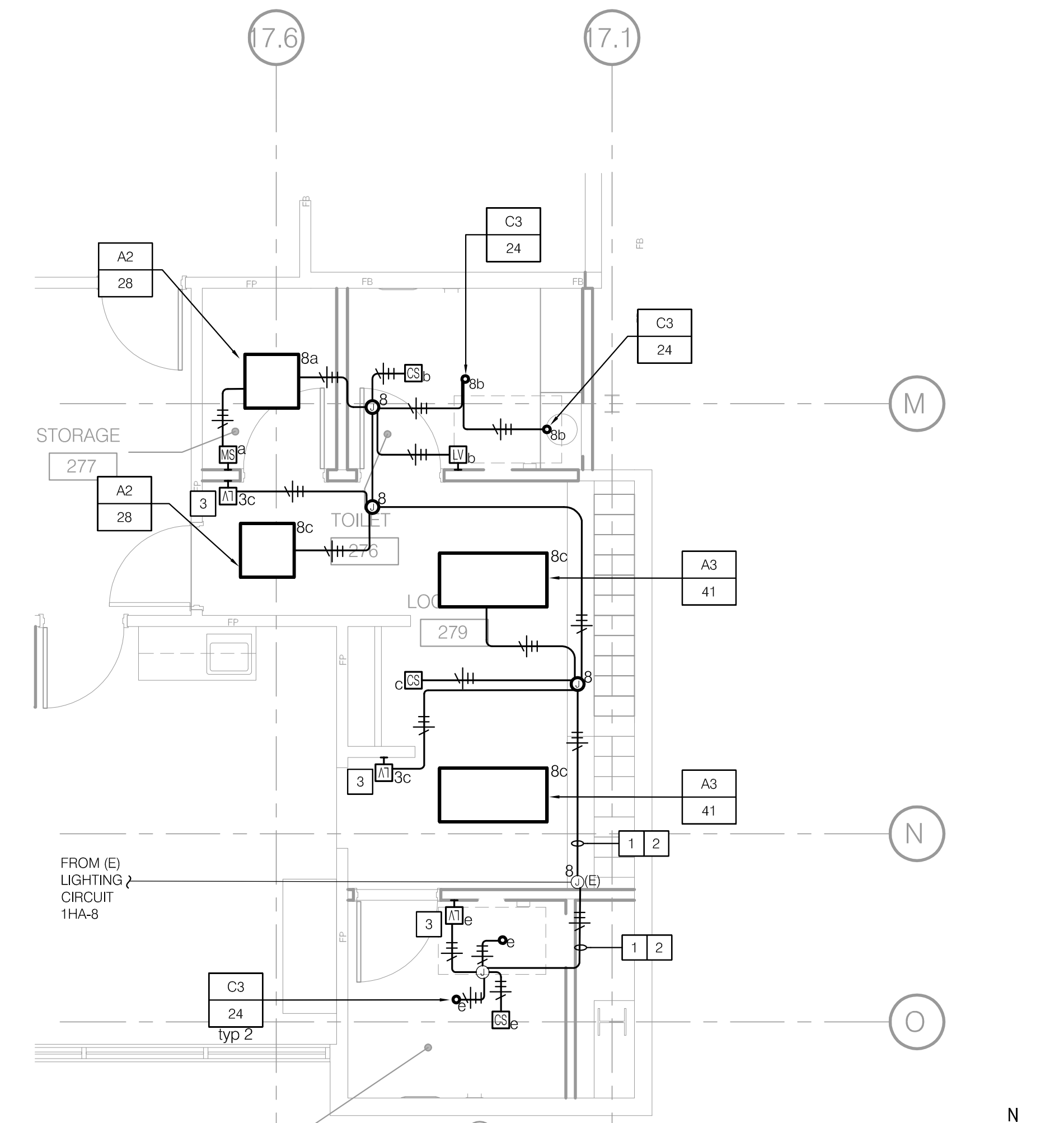
STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.  
2091 LAS PALMAS DRIVE, SUITE D  
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ME&P: P2S  
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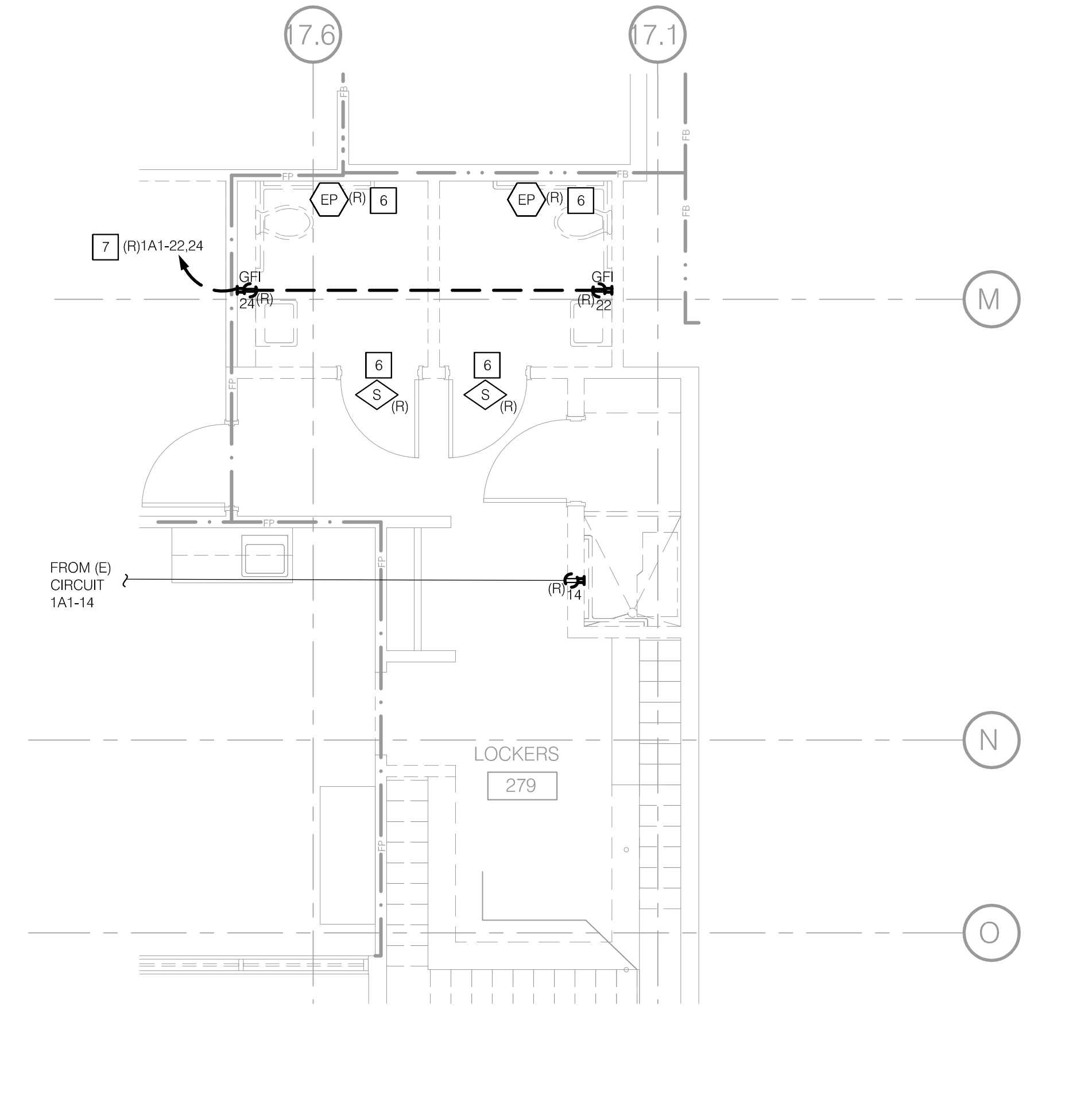
- NOTES**
- INTERCEPT AND EXTEND EXISTING BRANCH LIGHTING CIRCUIT 1HA-8 FROM NEAREST JUNCTION BOX TO SCOPE OF WORK.
  - 3/4" C - 2#12, 1#12GND.
  - PROVIDE 3-WAY LOW VOLTAGE ON-OFF SWITCH.
  - INTERCEPT AND EXTEND EXISTING BRANCH POWER CIRCUIT 1P1-14
  - 3/4"-2#10, 1#10GND.
  - DEMOLISH EXISTING NURSE CALL DEVICES. REMOVE WIRING TO SOURCE.
  - DEMOLISH EXISTING BRANCH CIRCUITS 1A1-22,24 TO SOURCE. REMOVE ALL CONDUIT AND WIRING TO PANEL. RELABEL CIRCUIT BREAKERS AS "SPARE". REFER TO SHEET E100 FOR PANEL LOCATION.



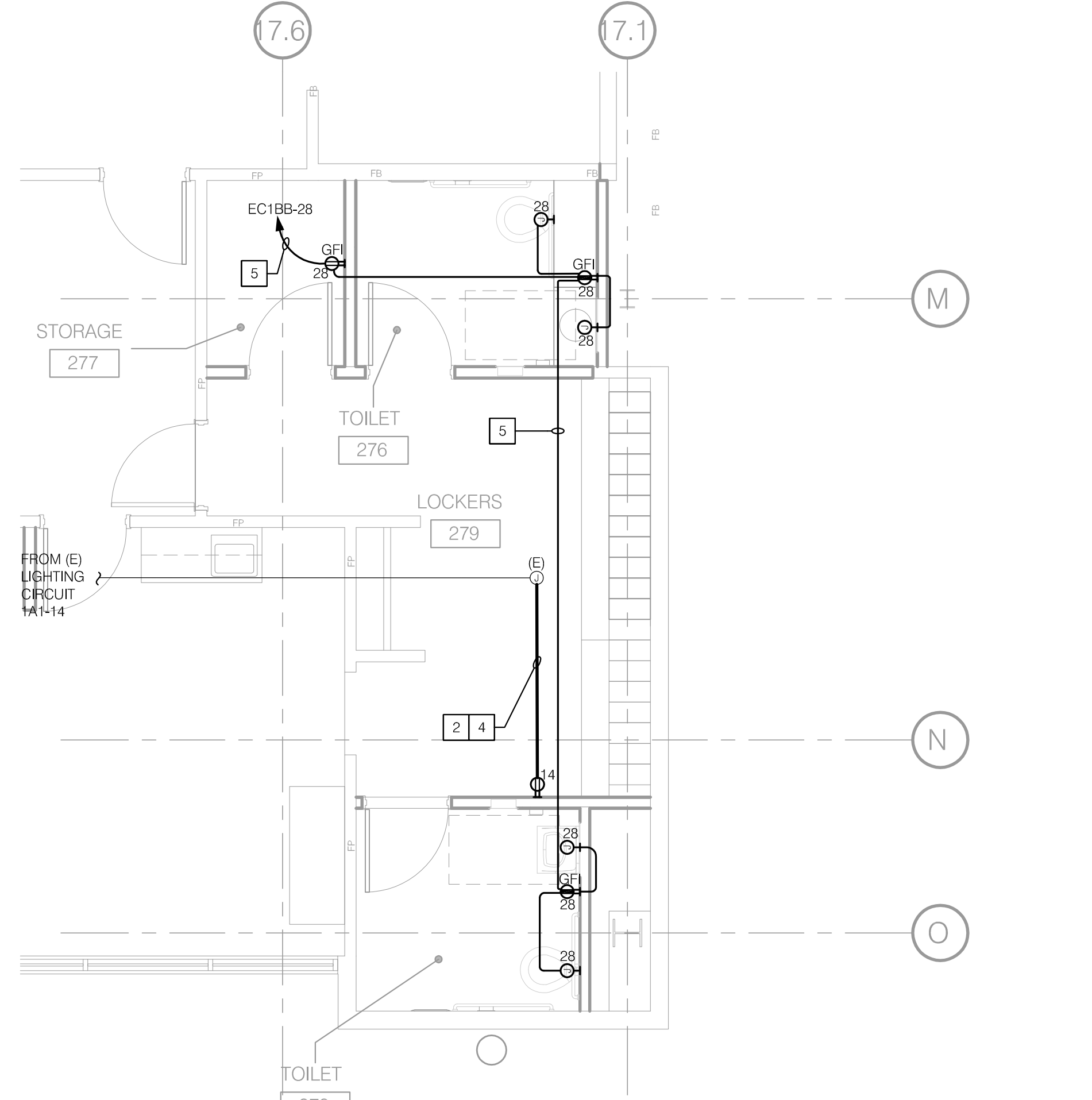
**4 DEMOLITION FLOOR PLAN - LIGHTING**  
1/4" = 1'-0"



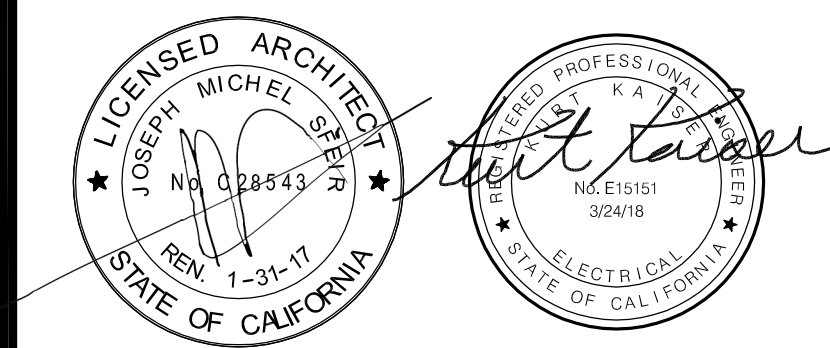
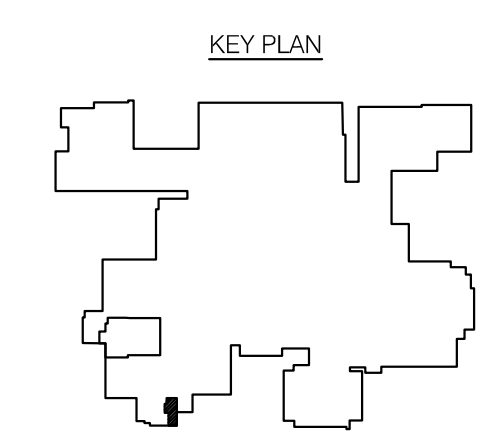
**3 RENOVATION FLOOR PLAN - LIGHTING**  
1/4" = 1'-0"



**2 PARTIAL DEMOLITION FLOOR PLAN - POWER & SIGNAL**  
1/4" = 1'-0"



**1 RENOVATION FLOOR PLAN - POWER**  
1/4" = 1'-0"



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△	DESIGN CHANGES	02/15/17
△	OSHPD COMMENTS	08/11/17

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OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

SHEET TITLE:  
**DEMOLITION AND  
RENOVATION PLANS -  
LOCKER ROOM**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT #: 01593.00  
DRAWN BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_  
DATE: 08/03/16

SHEET NUMBER:  
As indicated  
**E204**

P2S No. 8232

TCMC  
EMERGENCY  
DEPARTMENT

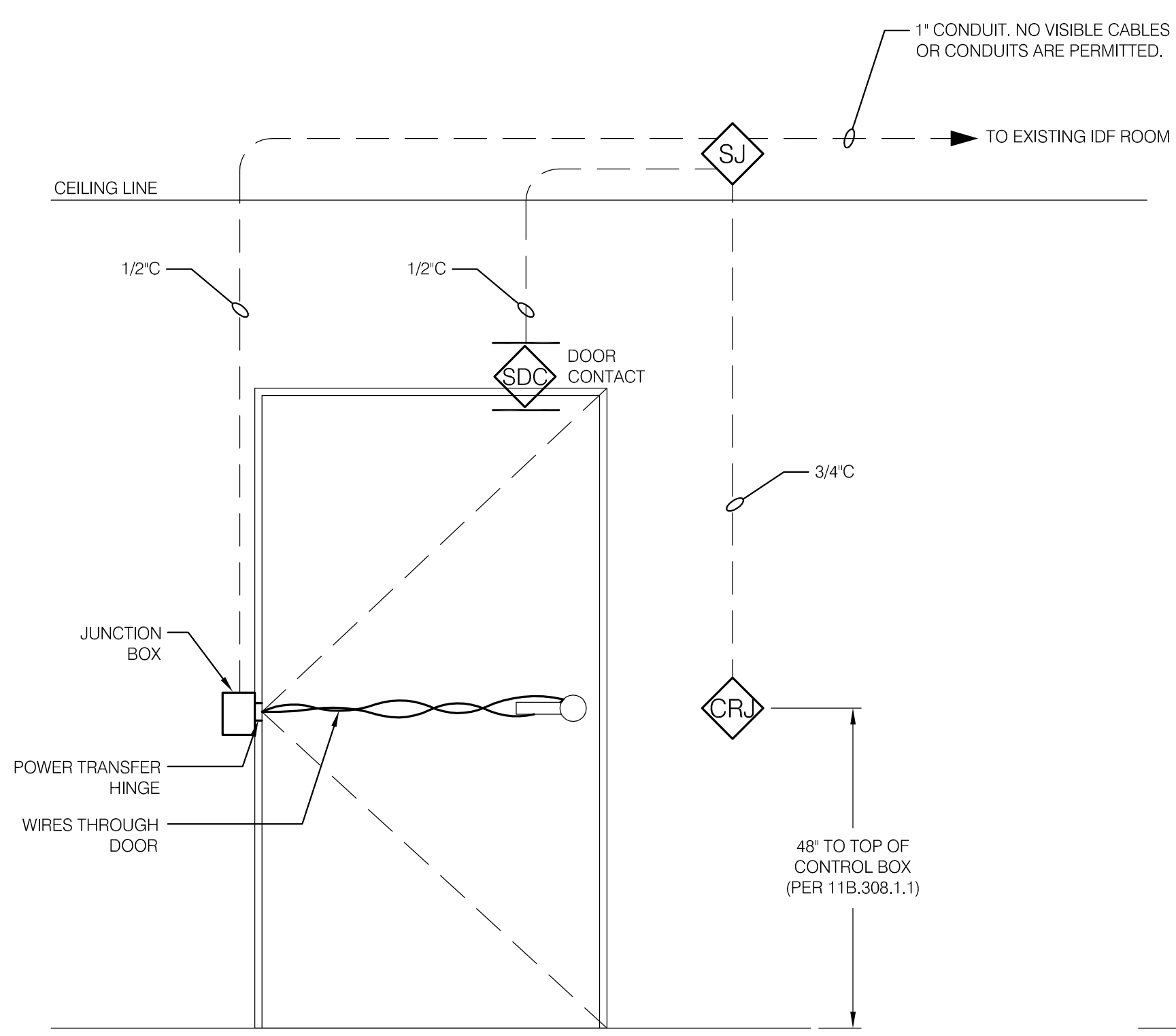
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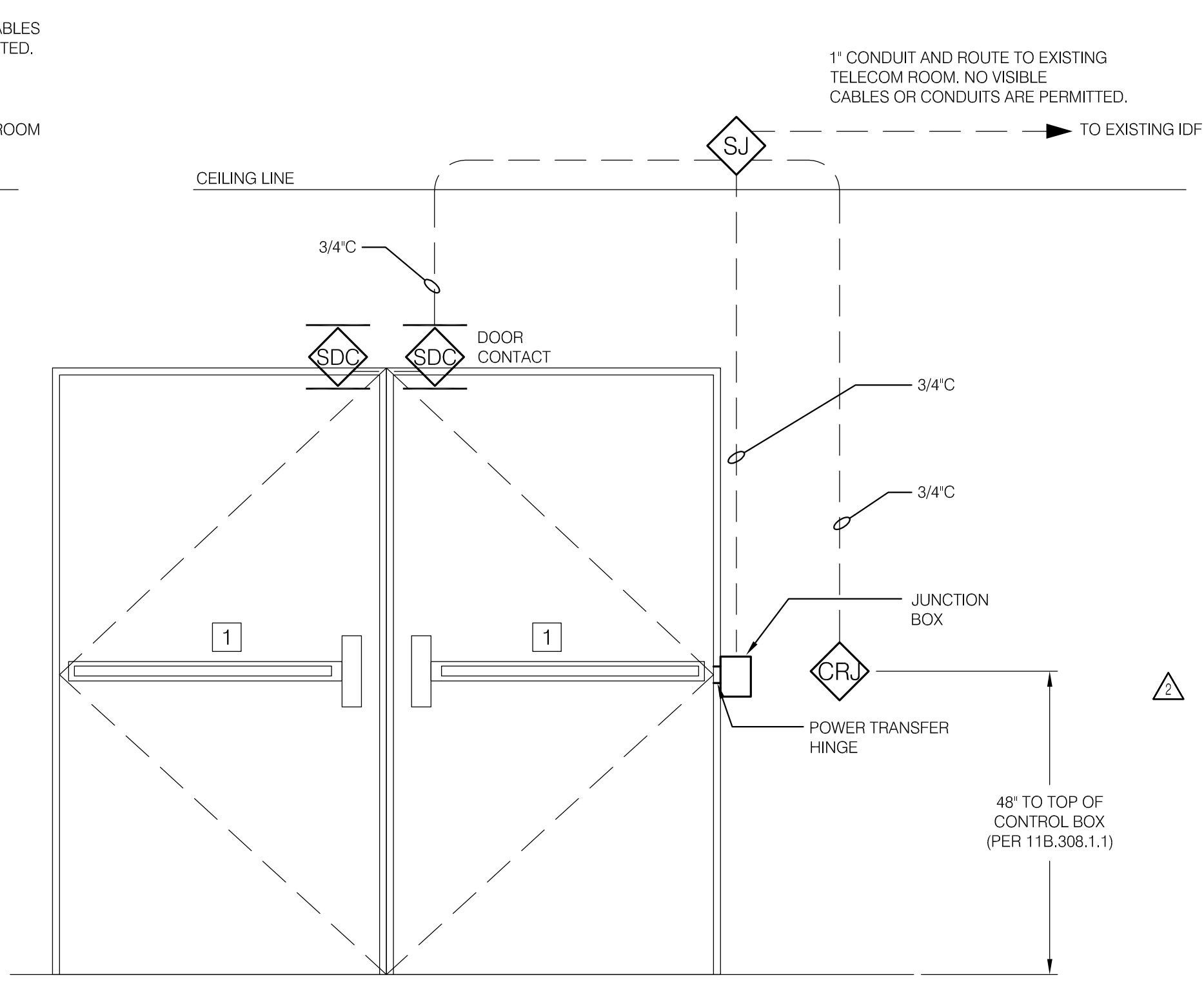
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LEGEND

SYMBOL	DESCRIPTION
	SECURITY DOOR CONTACT.
	SECURITY JUNCTION BOX 4-11/16\"/>
	CARD READER JUNCTION BOX 4\"/>

1 SINGLE DOOR - ACCESS CONTROL CONDUIT RISER  
NO SCALE



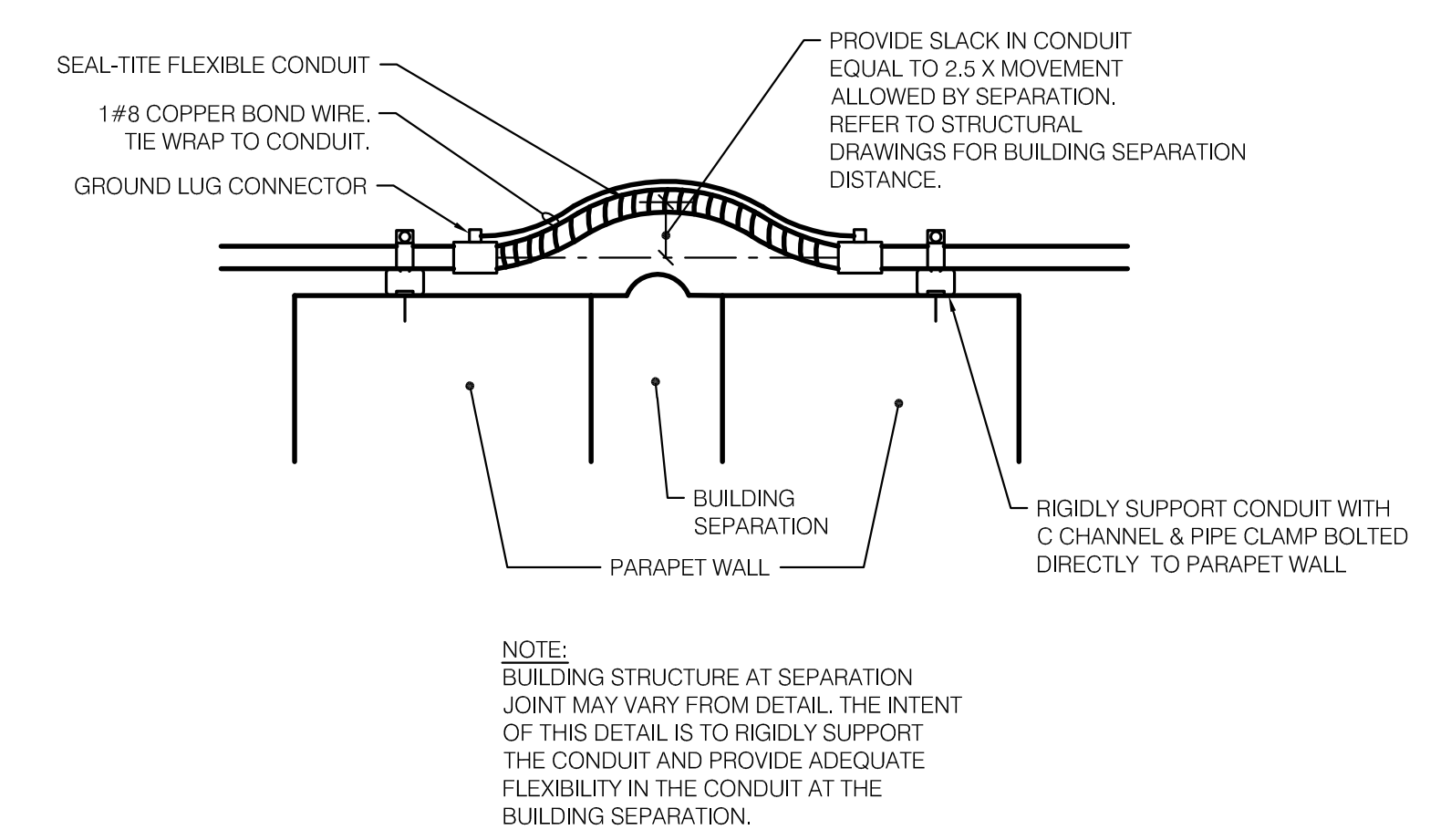
LEGEND

SYMBOL	DESCRIPTION
	SECURITY DOOR CONTACT.
	SECURITY JUNCTION BOX 4-11/16\"/>
	CARD READER JUNCTION BOX 4\"/>

NOTES

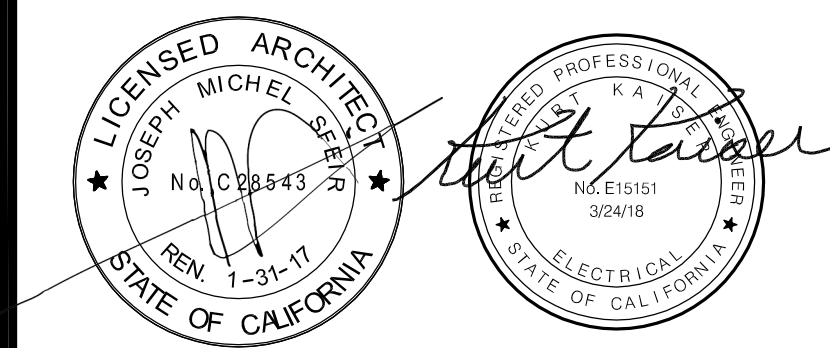
- 1 REQUEST TO EXIT IN DOOR HARDWARE.

2 DOUBLE DOOR - ACCESS CONTROL CONDUIT RISER  
NO SCALE



NOTE:  
BUILDING STRUCTURE AT SEPARATION JOINT MAY VARY FROM DETAIL. THE INTENT OF THIS DETAIL IS TO RIGIDLY SUPPORT THE CONDUIT AND PROVIDE ADEQUATE FLEXIBILITY IN THE CONDUIT AT THE BUILDING SEPARATION.

3 BUILDING SEPARATION CONDUIT DETAIL  
NO SCALE



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1	OSHPD COMMENTS	11/18/16
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DETAILS

PROJECT TITLE:  
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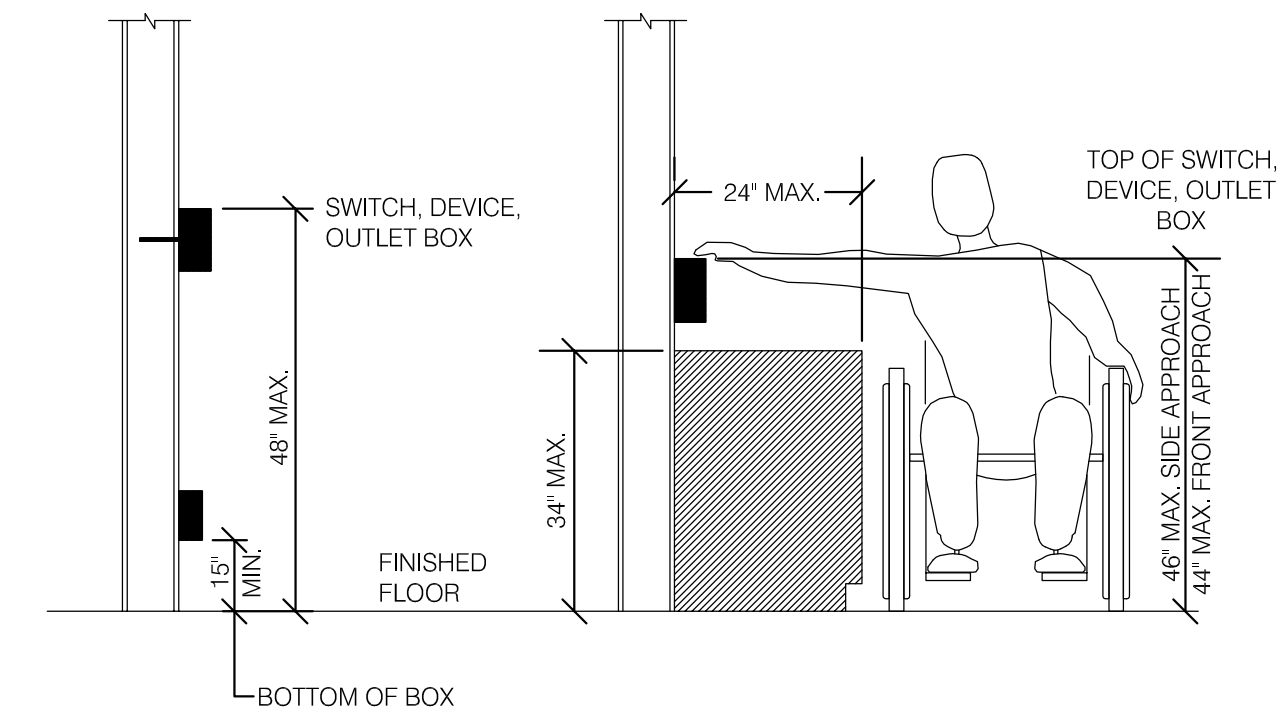
PROJECT #: 01593.00 SHEET NUMBER:  
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E601

## FIRE ALARM DEVICE SCHEDULE

SYMBOL	MANUF.	CATALOG #	DESCRIPTION	C.S.F.M.	MOUNTING INFORMATION
	NOTIFIER	AFP-400	EXISTING FIRE ALARM CONTROL PANEL	-	X
	WHEELLOCK	CH90-24MCC-FR	CEILING MOUNTED CHIME AND STROBE (RED)	7125-0785:0151	
	WHEELLOCK	RSS-24MCC-FR	CEILING MOUNTED STROBE (RED)	7125-0785:0141	X
	NOTIFIER	FSD-751PL	DUCT SMOKE DETECTOR	3240-0028:0205	
	NOTIFIER	FSP-851	SMOKE DETECTOR	7272-0028:0206	

## MOUNTING HEIGHT OVER OBSTRUCTION



ONLY DEVICE TYPES AND LOCATIONS HAVE BEEN REVIEWED. FIRE ALARM DRAWINGS ARE TO BE SUBMITTED FOR DEFERRED APPROVAL.

## GENERAL NOTES

- APPLICABLE CODES:  
2012 IBC AND 2013 CALIFORNIA AMENDMENTS  
(2013 CALIFORNIA BUILDING CODE - PART 2, TITLE 24, CCR)  
2011 NEC AND 2013 CALIFORNIA AMENDMENTS  
(2013 CALIFORNIA ELECTRICAL CODE - PART 3, TITLE 24, CCR)  
2013 UMC AND 2012 CALIFORNIA AMENDMENTS  
(2012 CALIFORNIA MECHANICAL CODE - PART 4, TITLE 24, CCR)  
2013 UPC AND 2012 CALIFORNIA AMENDMENTS  
(2012 CALIFORNIA PLUMBING CODE - PART 5, TITLE 24, CCR)-  
(PUBLISHER:JAPMO)  
2012 IFC AND 2013 CALIFORNIA AMENDMENTS  
(2013 CALIFORNIA FIRE CODE - PART 9, TITLE 24, CCR)
- THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO RECONSTRUCT THE HOSPITAL BUILDING IN ACCORDANCE WITH THE CALIFORNIA BUILDINGS STANDARD CODE, TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY CONDITION DEVELOP NOT COVERED BY THE CONTRACT DOCUMENTS WHERE IN THE FINISHED WORK WILL NOT COMPLY WITH THE SAID TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY OFFICE OF STATE WIDE HEALTH PLANNING AND DEVELOPMENT BEFORE PROCEEDING WITH THE WORK.
- WHEN INSTALLING DRILLED-IN ANCHORS/OR POWDER DRIVEN PINS IN EXISTING NON-PRESTRESSED REINFORCED CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS. WHEN INSTALLING THEM INTO EXISTING PRESTRESSED CONCRETE (PRE-OR POST-TENSIONED), LOCATE THE PRESTRESSED TENDONS BY USING A NON-DESTRUCTIVE METHOD PRIOR TO INSTALLATION. EXERCISE EXTREME CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE TENDONS DURING INSTALLATION. MAINTAIN A MINIMUM CLEARANCE OF ONE INCH BETWEEN THE REINFORCEMENT AND THE DRILLED-IN ANCHOR AND/OR PIN.
- ALL ELECTRICAL SERVICES IN THE HOSPITAL ARE TO REMAIN OPERATIONAL DURING THE ENTIRE CONTRACT PERIOD. ANY INTERRUPTION OF ELECTRICAL POWER FOR THE PERFORMANCE OF THIS WORK SHALL BE ONLY AT SUCH TIME AND SUCH DURATION AS APPROVED IN WRITING BY THE OWNER.
- CUT AND PATCH EXISTING CEILING AND WALL CONSTRUCTION AS REQUIRED FOR CONDUIT, OUTLET BOX, SUPPORTS AND EQUIPMENT INSTALLATION. REPAIR OF EXISTING CONSTRUCTION SHALL MATCH EXISTING TO THE ARCHITECTS SATISFACTION.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF CEILING MOUNTED FIXTURES, SMOKE DETECTORS, SPEAKERS & OUTLETS.
- ALL CONDUIT PENETRATIONS OF FIRE RATED WALLS, FLOORS AND ROOF SHALL BE FIRE STOPPED. FIRE STOP MATERIALS SHALL BE TESTED ASSEMBLY APPROVED BY THE OSHPD FIRE MARSHAL.
- CONTRACTOR SHALL COMPLY WITH ALL GROUNDING AND BONDING REQUIREMENTS OF C.E.C. 517-13.15 & 78.
- ADJUST CEILING MOUNT SMOKE DETECTOR LOCATIONS IF REQUIRED TO PROVIDE 3 FOOT MINIMUM DISTANCE FROM SUPPLY AIR DIFFUSERS. CEILING MOUNT SMOKE DETECTORS AT FIRE DOORS, SHALL BE LOCATED 5 FOOT MAXIMUM FROM FIRE DOOR.
- PROVIDE LOWRY SOUND DEADENING CLAY PADS ON BACK & SIDES OF ALL OUTLETS & BACKBOXES IN COMMON WALLS OF PATIENT ROOMS.
- LOCATIONS OF DISCONNECT SWITCHES AND CONNECTIONS FOR MECHANICAL AND PLUMBING EQUIPMENT ARE SHOWN DIAGRAMMATICALLY. VERIFY ACTUAL CONNECTION LOCATIONS WITH EQUIPMENT SHOP DRAWINGS AND LOCATE DISCONNECT SWITCHES TO PROVIDE CODE REQUIRED CLEARANCES AND ACCESS. DISCONNECT SWITCHES ON ROOF SHALL BE 30\"/>
- THIS PROJECT WILL BE CONSTRUCTED IN MULTIPLE PHASES. IT IS THE CONTRACTORS RESPONSIBILITY TO COORDINATE THEIR WORK WITH THE ARCHITECTURAL PLANS AND ALL OTHER TRADES AND INSTALL IN SUCH A WAY THAT IT DOES NOT AFFECT THE ADJOINING OCCUPIED SPACES AND MEETS ALL OF THE REQUIREMENTS OF CONTRACT DOCUMENTS AND SPECIFICATIONS.
- ALL ELECTRICAL DEVICE LOCATIONS AND CONDUIT ROUTING INDICATED ON DRAWINGS ARE DIAGRAMMATICALLY SHOWN.
- DEFERRED APPROVAL DRAWINGS SHALL MEET ALL REQUIREMENTS OF CBC 1008.1.9.7 FOR ALL APPLICABLE DOORS.

## DEMOLITION NOTES

- DRAWINGS OF EXISTING CONDITIONS HAVE BEEN COMPILED FROM EXISTING DATA SUPPLIED BY THE OWNER TO THE ARCHITECT. THE ARCHITECT MAKES NO WARRANTY, EITHER EXPRESSED OR IMPLIED, FOR THE ACCURACY OR COMPLETENESS OF THE EXISTING INFORMATION RECORDED. FIELD VERIFY ALL EXISTING CONDITIONS NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
- THE OWNER RESERVES THE RIGHT TO SALVAGE ANY DEMO ITEM. VERIFY ITEMS TO BE SALVAGED WITH THE OWNER PRIOR TO THE START OF DEMOLITION. REMOVE, PROTECT, AND TURN OVER SUCH ITEMS BY DIRECTED BY THE OWNER.
- ALL EXISTING ELECTRICAL, LIGHTING, TELEPHONE, DATA, AND PUBLIC ADDRESS CONDUIT AND WIRING SHALL REMAIN EXCEPT WHERE INDICATED OTHERWISE ON THESE PLANS. RECONNECT EXISTING OUTLETS, DEVICES AND CIRCUITS IN ADJACENT SPACES DISRUPTED BY REMOVAL OF EXISTING OUTLETS, DEVICES OR CIRCUITS IN THIS CONTRACT.
- PROTECT ALL EXISTING CONDUIT, WIRE AND SIGNAL SYSTEMS CABLES PASSING THRU REMODEL AREAS THAT SERVE ADJACENT AREAS.
- WHERE NEW WALL OR CEILING OR OTHER CONSTRUCTION WILL COVER EXISTING OUTLETS, EQUIPMENT OR DEVICES MAKING THEM INACCESSIBLE, RELOCATE THE EXISTING OUTLET, EQUIPMENT OR DEVICE AS REQUIRED OR MAKE OTHER PROVISIONS TO PROVIDE ACCESS.
- RECONNECT EXISTING OUTLETS, LIGHTS, ETC. THAT ARE TO REMAIN THAT ARE DISRUPTED BY REMOVAL OF OTHER EXISTING OUTLETS IN THE CONDUIT RUN AS REQUIRED TO PROVIDE CONTINUITY OF THE CIRCUITS.
- REMOVE ALL EXISTING CONDUITS IN CEILING SPACES FOR SYSTEMS, EQUIPMENT AND DEVICES OR OUTLETS BEING REMOVED THAT ARE NOT BEING REUSED AND ALL ABANDONED EXISTING CONDUITS. REMOVE ALL EXISTING CONDUITS IN WALLS OR FLOORS FOR DEVICES BEING REMOVED THAT INTERFERE WITH NEW CONSTRUCTION. REMOVE WIRE FROM ABANDONED CONDUITS.
- REMOVE ALL ABANDONED SIGNAL SYSTEM CABLES IN CEILING SPACE.
- THE WORD "ELECTRICAL" USED IN THE CONTEXT OF THESE DEMOLITION PLANS INCLUDES LIGHTING, ELECTRICAL DEVICES & EQUIPMENT, AND ALL SIGNAL SYSTEMS.
- REFER TO LIGHTING, POWER & SIGNAL PLANS FOR ADDITIONAL EXISTING ELECTRICAL TO REMAIN.
- WHERE EXISTING DEVICES OR EQUIPMENT ARE INDICATED TO BE REMOVED IN WALLS THAT ARE TO REMAIN, ALSO REMOVE OUTLET BOX OR BACKBOX AND PATCH WALL FINISH TO MATCH SURROUNDING AREA.
- WHERE EXISTING OUTLETS ARE REMOVED AND THE EXISTING CIRCUIT IS NOT SERVING REMAINING OUTLETS. REMOVE EXISTING WIRE AND CONDUIT BACK TO THE SERVING PANELBOARD AND UPDATE THE PANELBOARD CIRCUIT DIRECTORY INDICATING "SPARE" FOR ALL UNUSED CIRCUIT BREAKERS.

## SHEET INDEX

SHEET	DESCRIPTION
FA001	GENERAL NOTES, LEGEND AND ABBREVIATIONS
FA200	DEMOLITION PLAN
	FA201 RENOVATION FIRE ALARM PLAN
	FA202 RENOVATION FIRE ALARM PLAN - LOCKER ROOM

# S F E I R

## ARCHITECTS

1350 Columbia Street, Suite 603  
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www.sfeirarch.com

## TCMC EMERGENCY DEPARTMENT

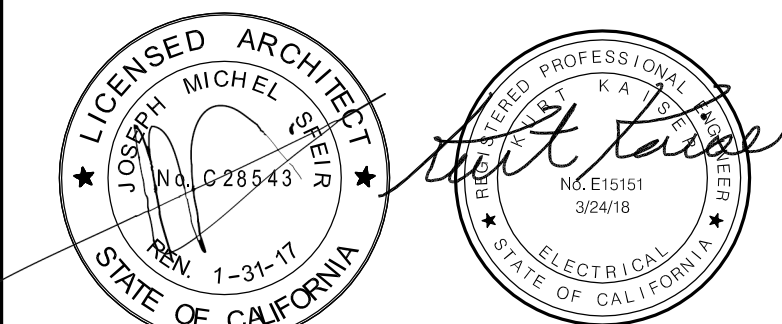
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	OSHPD COMMENTS	08/11/17

REV: \_\_\_\_\_ DATE: \_\_\_\_\_

CONSULTANT  
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www.p2seng.com

OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

## GENERAL NOTES, LEGEND AND ABBREVIATIONS

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT #: 01593.00  
DRAWN BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_  
DATE: 08/03/16

SHEET NUMBER:  
FA001

SCALE:  
As indicated

TCMC  
EMERGENCY  
DEPARTMENT

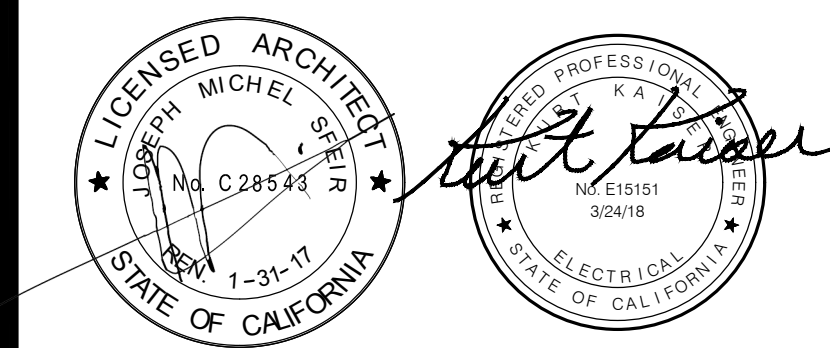
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OCEANSIDE, CALIFORNIA  
92056

OWNER: TRI-CITY MEDICAL CENTER  
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△	OSHPD COMMENTS	11/18/16
△	DESIGN CHANGES	11/18/16
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SHEET TITLE:  
DEMOLITION PLAN

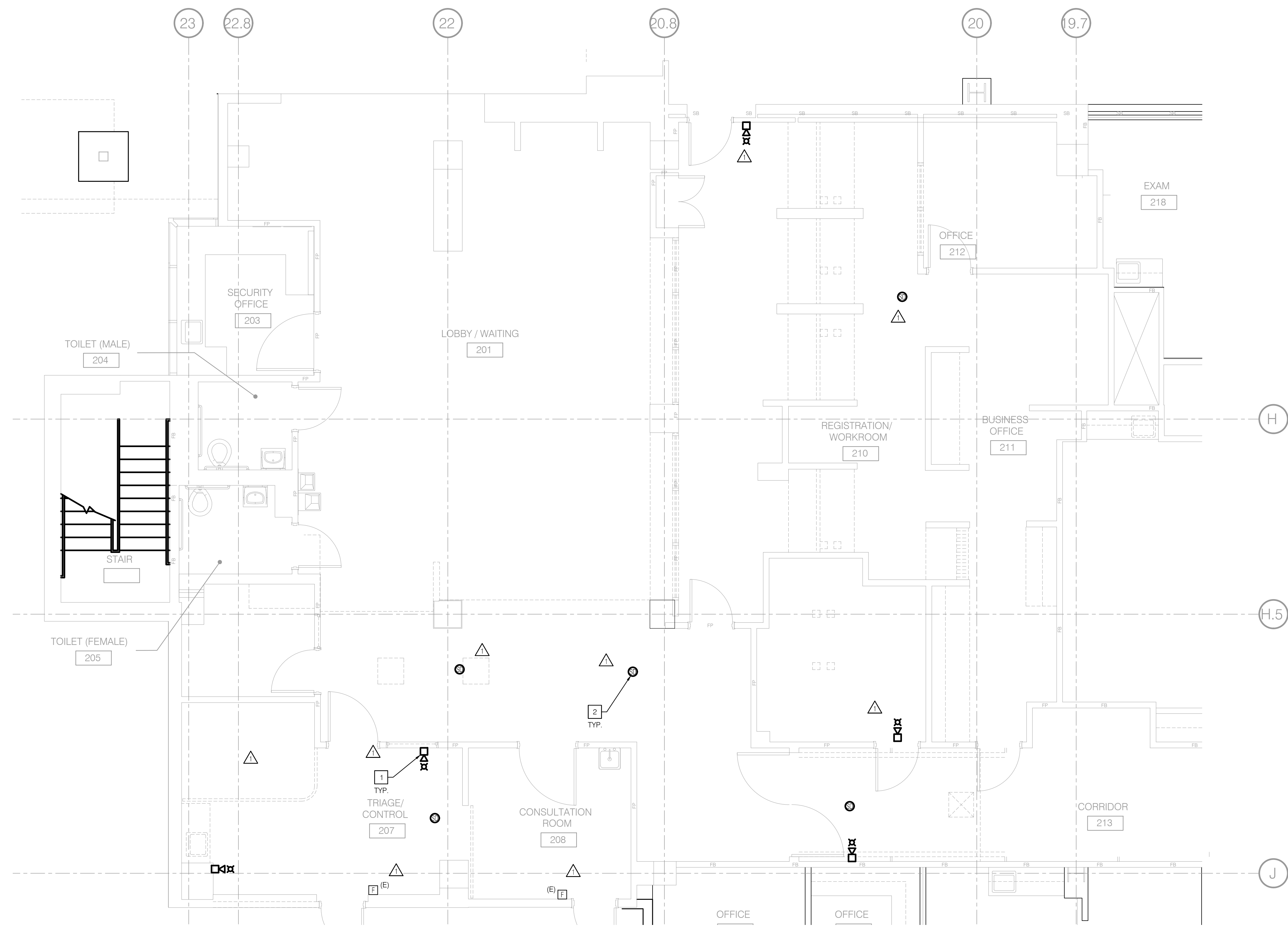
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TCMC EMERGENCY DEPARTMENT

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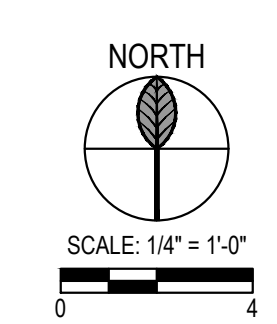
**FA200**

P2S No. 8232

- △ NOTES
- DISCONNECT AND REMOVE EXISTING WALL MOUNTED CHIME AND STROBE.
  - DISCONNECT AND REMOVE EXISTING SMOKE DETECTOR.



ONLY DEVICE TYPES AND LOCATIONS  
HAVE BEEN REVIEWED. FIRE ALARM  
DRAWINGS ARE TO BE SUBMITTED  
FOR DEFERRED APPROVAL.





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△	DESIGN CHANGES	11/18/16
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△	OSHPD COMMENTS	08/11/17

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PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

SHEET NUMBER:  
**FA201**

PROJECT #:  
01593.00

DRAWN BY:

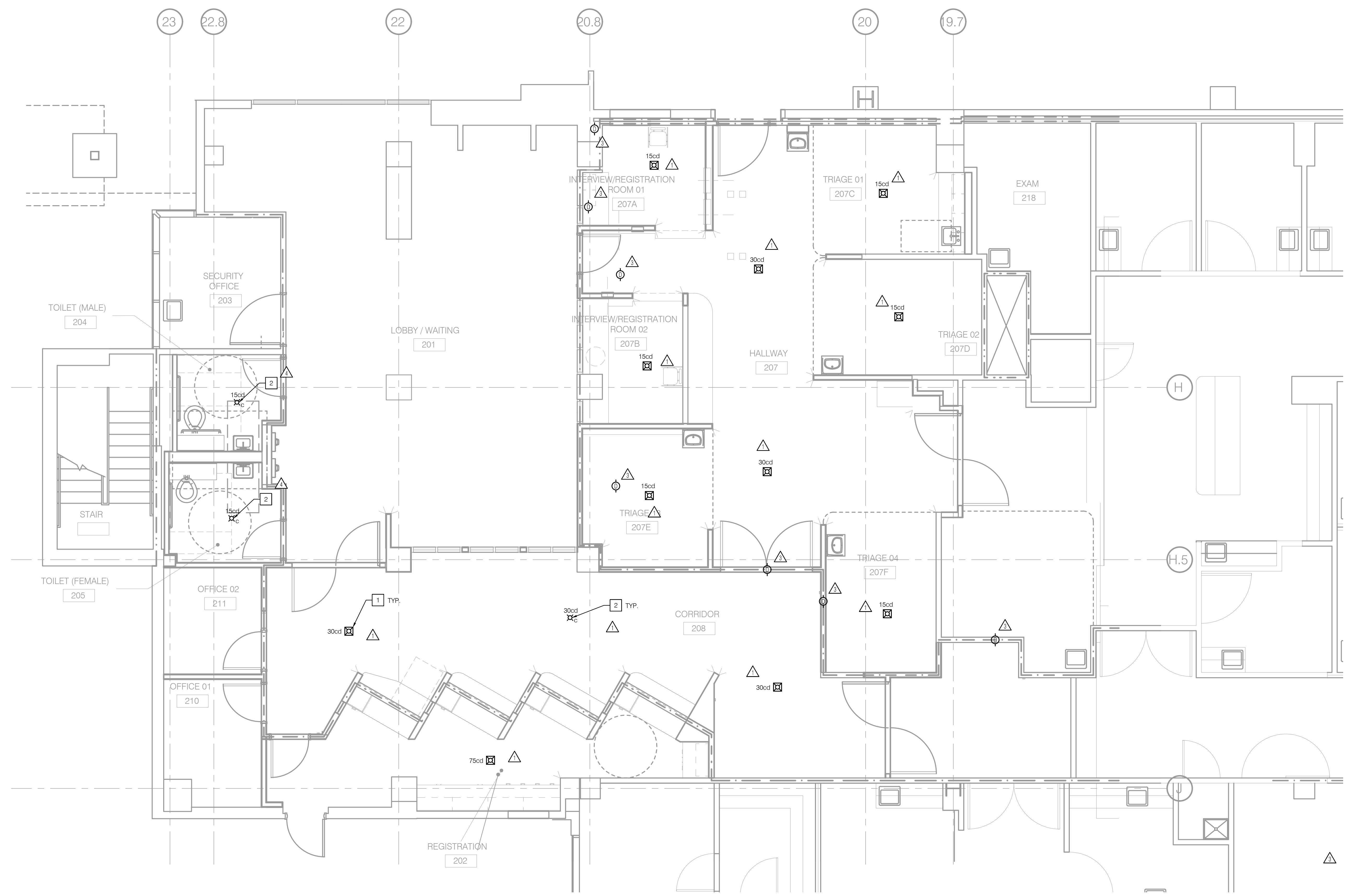
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SCALE:  
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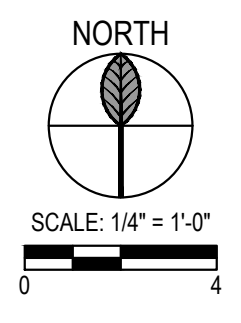
DATE:  
08/03/16

P2S No. 8232

- NOTES
- 1 PROVIDE CEILING MOUNTED COMBINATION CHIME AND STROBE DEVICE AS SHOWN.
  - 2 PROVIDE CEILING MOUNTED STROBE AS SHOWN.



ONLY DEVICE TYPES AND LOCATIONS  
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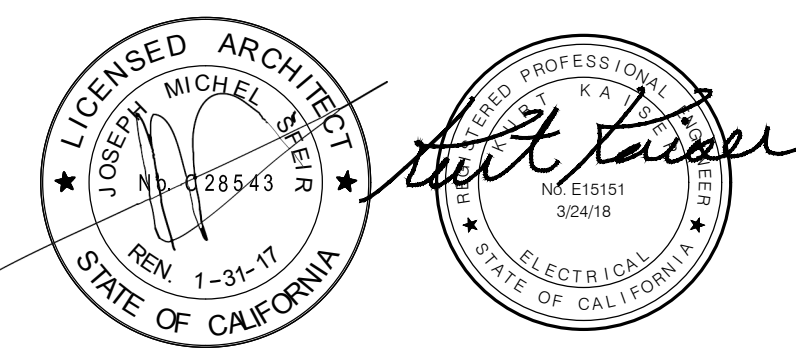
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OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

SHEET TITLE:  
**RENOVATION  
FIRE ALARM PLAN -  
LOCKER ROOM**

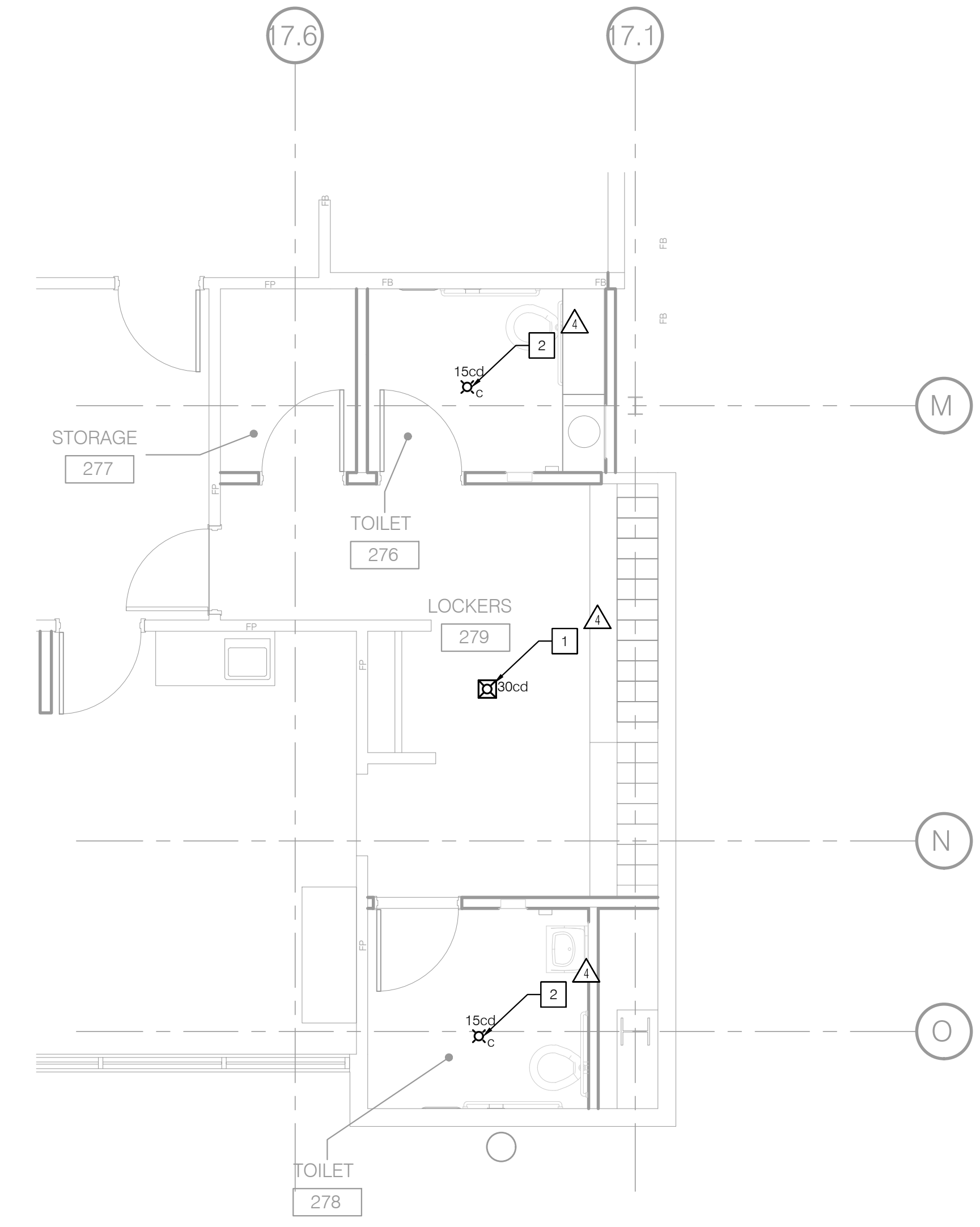
PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00 SHEET NUMBER: △  
DRAWN BY: \_\_\_\_\_  
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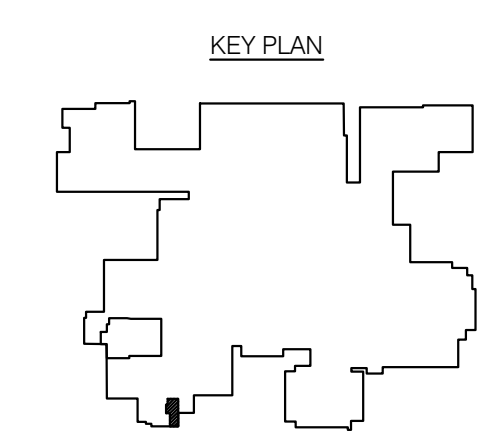
**FA202**

P2S No. 8232

- NOTES
- 1 PROVIDE CEILING MOUNTED COMBINATION CHIME AND STROBE DEVICE AS SHOWN.
  - 2 PROVIDE CEILING MOUNTED STROBE AS SHOWN.



**1** RENOVATION FIRE ALARM PLAN - LOCKER ROOM  
1/4" = 1'-0"



# TCMC EMERGENCY DEPARTMENT

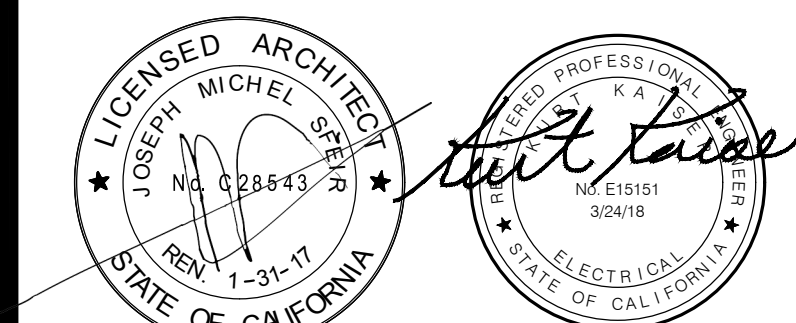
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# T001

## ABBREVIATIONS

ABBREVIATION DESCRIPTION

A OR AMP	AMPERES
ACCU	AIR COOLED CONDENSING UNIT
AFF	ABOVE FINISHED FLOOR
AIC	AMPERE INTERRUPTING CAPACITY
ARCH.	ARCHITECT; ARCHITECTURAL
AWG	AMERICAN WIRE GAUGE
BDF	BUILDING DISTRIBUTION FRAME
C	CONDUIT
CKT	CIRCUIT
CLG.	CEILING
C.O.	CONDUIT ONLY WITH PULL WIRE
CU	COPPER
DWG	DRAWING
EA	EACH
EMT	ELECTRICAL METALLIC TUBING
ENT	ELECTRICAL NONMETALLIC TUBING
EQUIP	EQUIPMENT
EXIST / (E)	EXISTING
E/W	EQUIPPED WITH
FCU	FAN COIL UNIT
FIN.	FINISH
FIXT	FIXTURE
FLR	FLOOR
FLUOR	FLUORESCENT
FOC	FIBER OPTIC CABLE
FT	FEET
FTU	FIBER TERMINAL UNIT
GFI	GROUND FAULT INTERRUPTER
GRC	GALVANIZED RIGID CONDUIT
GND	GROUND
IDF	INTERMEDIATE DISTRIBUTION FRAME
JB	JUNCTION BOX
LTG.	LIGHTING
MDF	MAIN DISTRIBUTION FRAME
MH	MOUNTING HEIGHT
MM	MULTIMODE
MTG.	MOUNTING
N	NORTH
NEC	NATIONAL ELECTRICAL CODE
NIC	NOT IN CONTRACT
NO.	NUMBER
PH	PHASE
PNL	PANEL
PWR	POWER
P.O.C.	POINT OF CONNECTION
PRO	PROTECTED TERMINAL
REC/RECEPT	RECEPTACLE
REOD	REQUIRED
RM	ROOM
SF	SQUARE FEET
SHT	SHEET
SM	SINGLE MODE
SP	SINGLE POLE
SPECS	SPECIFICATIONS
SW	SWITCH
TYP	TYPICAL
TERM	TERMINATION
UG	UNDERGROUND
U.O.N.	UNLESS OTHERWISE NOTED
V	VOLTS
V-A	VOLT-AMPERES
W	WATTS
W/	WITH
W/O	WITHOUT

REFERENCE WILL BE MADE TO ANSI Y1.1, MILITARY STANDARD IN THE EVENT ABBREVIATIONS NOT MENTIONED HEREIN ARE USED, ABBREVIATIONS, AND OTHER STANDARD INDUSTRY CONVENTIONS.

## GENERAL NOTES

- A NEW HILL-ROM NAVICARE NURSE CALL SYSTEM WILL BE INSTALLED. THE SYSTEM SHALL BE INSTALLED USING NEW EQUIPMENT SUPPLIED TO THE FACILITY. COORDINATE WITH THE FACILITIES DEPARTMENT FOR ACCESS TO THE EXISTING NURSE CALL EQUIPMENT STORED IN THE WAREHOUSE. INSTALL THE SYSTEM ACCORDING TO THE OSHPD APPROVED DRAWINGS. COORDINATE WITH THE FACILITIES ANY ADDITIONAL EQUIPMENT REQUIRED.
- ALTHOUGH THE NEW EQUIPMENT IS IN THE POSSESSION OF THE FACILITIES, THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL NECESSARY HARDWARE, TERMINAL STRIPS, WIRING, MODULES, ADAPTERS, ACCESSORIES, ETC. TO PROVIDE COMPLETE, COMPLIANT AND OPERABLE NURSE CALL SYSTEMS. ADDITIONAL QUANTITIES OF SYSTEM COMPONENTS, IF NECESSARY, SHALL BE PROVIDED TO INSURE COMPLETE AND FULLY OPERATIONAL NURSE CALL SYSTEMS. WHEN THE INSTALLATION IS COMPLETE, THE NURSE CALL SYSTEMS SHALL BE FUNCTION TESTED PER THE REQUIREMENTS OF THE OSHPD APPROVED DOCUMENTS AND TO THE SATISFACTION OF THE INSPECTOR OF RECORD AND FACILITY STAFF.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COMPLETE SET OF CONTRACT DOCUMENTS, ADDENDA, OSHPD APPROVED DRAWINGS AND SPECIFICATIONS. THE CONTRACTOR SHALL CHECK THE APPROVED OSHPD DOCUMENTS AND DETERMINE HIS RESPONSIBILITIES. FAILURE TO DO SO SHALL NOT RELEASE THE CONTRACTOR FROM DOING THE WORK IN COMPLETE ACCORDANCE WITH THE DRAWINGS AND CONTRACT DOCUMENTS.
- THE INSTALLATION SHALL BE PERFORMED PER THE SCHEDULE REQUIRED. THE CONTRACTOR SHALL COORDINATE THEIR WORK WITH THE SCHEDULE, DRAWINGS AND OTHER TRADES AT THE SITE. ANY COSTS TO INSTALL WORK TO ACCOMPLISH SAID COORDINATION WHICH DIFFERS FROM THE WORK AS SHOWN ON THE DRAWINGS SHALL BE INCURRED BY THE CONTRACTOR. DISCREPANCIES, AMBIGUITIES OR CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE FACILITIES DEPARTMENT DURING BID TIME FOR CLARIFICATION. ANY SUCH CONFLICTS NOT CLARIFIED PRIOR TO BID SHALL BE SUBJECT TO THE INTERPRETATION OF THE FACILITIES DEPARTMENT AT NO ADDITIONAL COST TO THE OWNER.
- FIELD VERIFY THE PROJECT AREA BEFORE BID AND CONSTRUCTION. INCLUDE ALL RESULTING COST IN THE BID. MAKE ADJUSTMENTS AS NECESSARY FOR FIELD CONDITIONS DURING THE INSTALLATION OF THE NEW NURSE CALL SYSTEM DEVICES.
- THE CONTRACTOR SHALL PROVIDE AND KEEP UP-TO-DATE A COMPLETE RECORD SET OF DRAWINGS. THESE PRINTS SHALL BE CORRECTED DAILY AND SHOW EVERY CHANGE FROM THE ORIGINAL DRAWINGS. THIS SET OF DRAWINGS SHALL BE KEPT ON THE JOB SITE AND SHALL BE USED ONLY AS A RECORD SET. THIS SHALL NOT BE CONSTRUED AS AUTHORIZATION FOR THE CONTRACTOR TO MAKE CHANGES IN THE LAYOUT WITHOUT APPROVAL. UPON COMPLETION OF THE WORK, DRAWINGS SHALL BE USED TO GENERATE AN ACCURATE SET OF AS BUILT DRAWINGS FOR SUBMISSION TO THE OWNER.

## NURSE CALL NOTES

- THE NURSE CALL SYSTEM SHALL CONFORM TO ARTICLE 517.123 OF THE CALIFORNIA ELECTRIC CODE (CEC).
- PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASSES.
- A MINIMUM OF 48 HOURS NOTICE SHALL BE REQUIRED FOR ANY INSPECTION AND /OR TESTING.
- ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE CODE OR RECOGNIZED STANDARDS SHALL BE BROUGHT TO THE ATTENTION OF THE INSPECTOR OF RECORD.
- THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO RECONSTRUCT THE HOSPITAL BUILDING IN ACCORDANCE WITH THE 2013 EDITION OF TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY CONDITIONS DEVELOP NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH SAID, TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY OSHPD BEFORE PROCEEDING WITH THE WORK.
- REFER TO THE ELECTRICAL DRAWING SHEETS FOR INFORMATION REGARDING ELECTRICAL POWER, NONSEGREGATED EMERGENCY CIRCUITS, PANEL SCHEDULES AND THE ELECTRICAL SINGLE LINE DIAGRAM. ELECTRICAL POWER SHALL BE PROVIDED TO THE NEW NURSE CALL SYSTEMS BY THE ELECTRICAL CONTRACTOR. NEW NURSE CALL SYSTEMS SHALL BE POWERED BY THE EMERGENCY CIRCUITS.
- INSTALL NEW CABLE IN NEW CONDUIT STUB-UPS AND THEN OPEN ABOVE CEILING. NEW OPEN PLENUM CABLE SHALL BE SUPPORTED TO BUILDING STRUCTURE BY J-HOOKS. CABLE SHALL BE LISTED AS 300V TO MEET THE REQUIREMENTS OF ARTICLE 745 OF THE CEC FOR POWER LIMITED APPLICATIONS.
- ALL PLENUM CABLE SHALL RUN PARALLEL OR AT RIGHT ANGLES TO THE BUILDING WALL STRUCTURE. DO NOT TIE CABLES TO POWER CABLES OR OTHER BUILDING SERVICES. INSTALL CABLE ON J-HOOK SUPPORTS AS SHOWN.
- ALL CABLING, WIRING, AND TERMINAL BLOCKS SHALL BE CLEARLY LABELED WITH PERMANENT TAG OR WIRE MARKERS INDICATING FUNCTION, SOURCE OR DESTINATION OF THE CABLE OR TERMINATION. ALL CABLE SHALL BE LABELED AT BOTH ENDS.
- NEW NURSE CALL EQUIPMENT SHALL BE INSTALLED IN NEW BACKBOXES. INSTALL THE PROPER SIZE BACKBOX PER CEC REQUIREMENTS. INSURE THAT CABLE FILL DOES NOT EXCEED EXISTING BOX CAPACITY PER CEC TABLE 370-16a. REFER TO THE SYMBOLS LEGEND FOR THE BACKBOX SCHEDULE.
- ALL NEW STANDARD BACKBOXES, CONDUIT STUB-UPS, J-HOOKS, 120 VAC POWER AND ALL ELECTRICAL ROUGH-IN SHALL BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR UNDER DIRECTION OF THE NURSE CALL CONTRACTOR. COORDINATE ROUGH-IN. MOUNTING OF CONTROL EQUIPMENT SHALL BE BY THE NURSE CALL CONTRACTOR. REFER TO THE STRUCTURAL MOUNTING DETAILS.
- CORDS FOR TOILET PULLCORD STATIONS SHALL BE WITHIN 12 INCHES OF THE FINISHED FLOOR. REFER TO THE DETAILS SHEET FOR DETAILS.
- THE CODE BLUE SHALL ANNUNCIATE AS THE HIGHEST PRIORITY AND SHALL COMPLY WITH CEC 517.123 (C), A UNIQUE VISUAL AND AUDIBLE INDICATION OF CODE BLUE SHALL BE GENERATED AT THE ATTENDING NURSES STATION AND THE 24-HOUR STAFFED PBX. CODE BLUE CALLS SHALL BE TRANSMITTED VIA THE EXISTING EASY CARE SYSTEM USING THE EXISTING RISER.

## NAVICARE NURSE CALL

DEVICE SYMBOL	DEVICE NAME	PART NUMBER	MOUNTING OPTION	BACK BOX TYPE (UL 514-A LISTED)	TYPICAL MOUNTING HEIGHT (VERIFY ALL LOCATIONS WITH OWNER)	DATA CABLE REQUIREMENTS (CMP)
ES1	GRAPHICAL STAFF CONSOLE, DESK MT. (GRS10)	P250NNC1A00	DESK	1-GANG GW BOX - MUST BE GROUND	18" AFF (UNDER DESK)	2 CABLES TO POE SWITCH
BC	AUDIO STATION RED CONNECTOR (ASBC) (STANDALONE)	P250NNC1A00 (REV A) P250NNC1B00 (REV B)	HEADWALL	4" SQ. BOX 2-1/8" DEEP W/ 1-GANG MUD RING OR 1-GANG 3-1/2" DEEP METAL BOX	18" AFF	2 CABLES TO THE PATIENT STATION
◇	ZONE LIGHT	P2506NNC8A00	WALL/CEILING	4" SQ. BOX 2-1/8" DEEP W/ 2-GANG MUD RING	CENTER ABOVE PATIENT DOOR 90" AFF	1 CABLE TO RCB
◇	DOME LIGHT, SINGLE BULB	P2506NNC1B00	WALL/CEILING	4" SQ. BOX 2-1/8" DEEP W/ 2-GANG MUD RING	CENTER ABOVE PATIENT DOOR 90" AFF	1 CABLE TO RCB
EP	SWITCH, BATH SWITCH, W/ CANCEL, SUPERVISED	P2520B01	WALL	4" SQ. BOX 2-1/8" DEEP W/ 1-GANG MUD RING	42" AFF	1 CABLE TO RCB
SP	PATIENT STATION - STANDARD ROOM STATION W/ CODE (SRS)	P2594NNC1A11 (REV A) P2594NNC1B11 (REV B)	WALL	3-GANG METAL BOX 2-1/8" DEEP	54" AFF OR 48" TO COMPLY W/ OSHPD AND ADA	1 CABLE TO RCB
RCB A	ROOM CONTROL BOARD (RCB) ABOVE CEILING	P2599NNC1B00	ABOVE CEILING	HILL-ROM SUPPLIED 12"x12"x4" STEEL BOX ENCLOSURE	VARIABLE	1 CABLE TO POE SWITCH
POE-2	POE SWITCH	P2519NNC1A24	RACK/SHELF	SWITCH MOUNTS INTO STANDARD WALL MOUNTED EQUIPMENT CABINET		SEE RISER DIAGRAM FOR DETAILS

## SHEET INDEX

SHEET	DESCRIPTION
T001	GENERAL NOTES, LEGEND, AND ABBREVIATIONS
T100	PARTIAL SITE PLAN
T202	NURSE CALL PLAN
T501	NURSE CALL DIAGRAMS
T601	NURSE CALL DETAILS

# TCMC EMERGENCY DEPARTMENT

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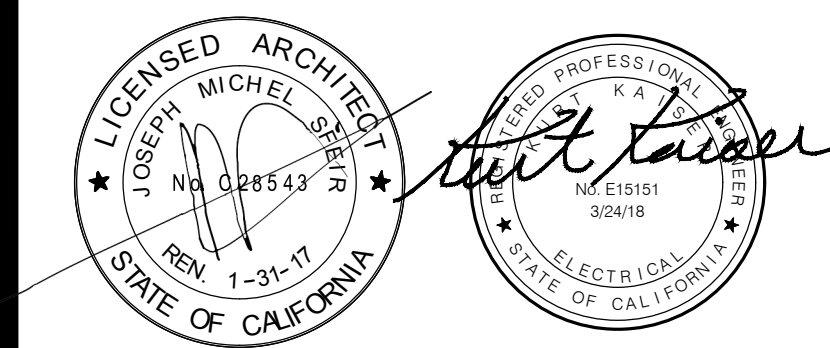
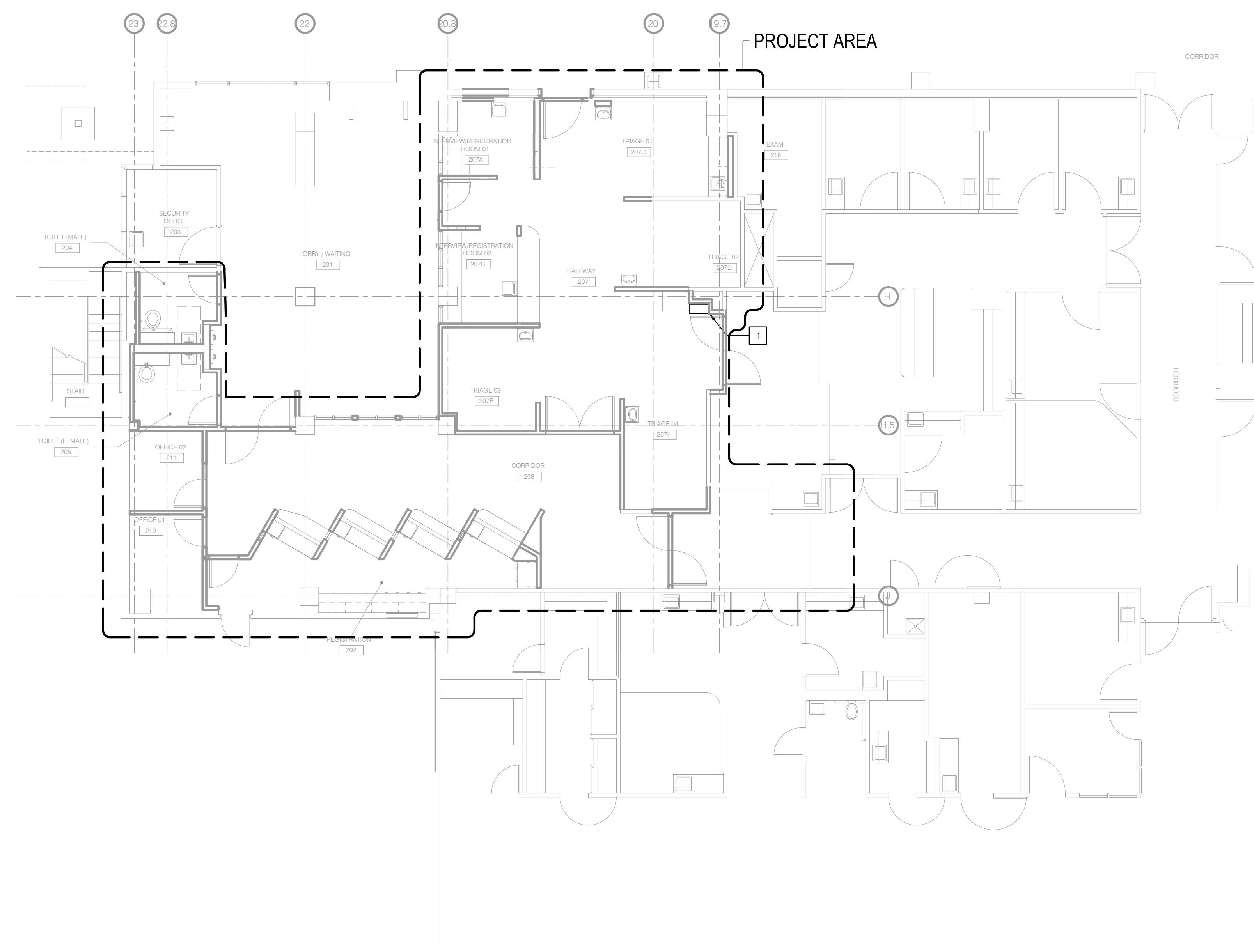
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NOTES

1. LOCATION OF NEW 26"H x 26"W x 26"D WALL MOUNTED NURSE CALL TERMINAL CABINET (CPI MODEL# 13050-X13)

SHEET NOTES

1. THIS PROJECT WILL BE CONSTRUCTED IN MULTIPLE PHASES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THEIR WORK WITH THE ARCHITECTURAL PHASING PLANS AND ALL OTHER TRADES AND INSTALL IN SUCH A WAY THAT IT DOES NOT AFFECT THE ADJOINING OCCUPIED SPACES AND MEETS ALL OF THE REQUIREMENTS OF CONTRACT DOCUMENTS AND SPECIFICATIONS AS PART OF THE BASE BID.



△	OSHPD COMMENTS	11/18/16
△	DESIGN CHANGES	11/18/16
△	OSHPD COMMENTS	02/15/17
△	DESIGN CHANGES	02/15/17
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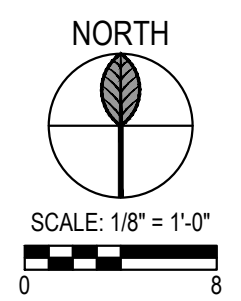
SHEET TITLE:  
**PARTIAL FIRST  
FLOOR PLAN**

PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

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CHECKED BY: \_\_\_\_\_  
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T100

P2S No. 8232



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 EMERGENCY  
 DEPARTMENT**

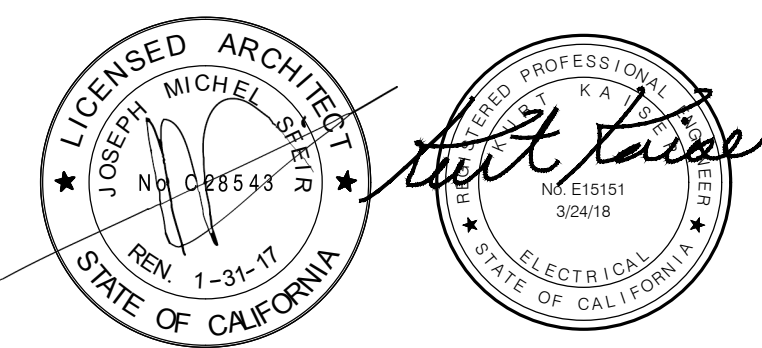
**TRI-CITY MEDICAL  
 CENTER**  
 4002 VISTA WAY  
 OCEANSIDE, CALIFORNIA  
 92056

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  
 9665 CHESAPEAKE DRIVE, SUITE 230  
 SAN DIEGO, CALIFORNIA 92123  
 TEL(619)618-2347 FAX(619)330-0668



▲	OSHPD COMMENTS	11/18/16
▲	DESIGN CHANGES	11/18/16
▲	OSHPD COMMENTS	02/15/17
▲	DESIGN CHANGES	02/15/17
▲	OSHPD COMMENTS	08/11/17

REV: \_\_\_\_\_ DESCRIPTION: \_\_\_\_\_ DATE: \_\_\_\_\_

CONSULTANT

**p2s** P2S Engineering, Inc.  
 9665 Chesapeake Dr., Suite #230  
 San Diego, CA 92123  
 T 619.618.2347 F 619.330.0668  
 www.p2seng.com

OSHPD APPROVAL STAMP:  
 OSHPD #: S162093-37-00

**SHEET TITLE:**  
**NURSE CALL PLAN**

PROJECT TITLE:  
 TCMC EMERGENCY DEPARTMENT

PROJECT #:  
 01593.00

PROJECT # \_\_\_\_\_ SHEET NUMBER: \_\_\_\_\_

DRAWN BY: \_\_\_\_\_

CHECKED BY: \_\_\_\_\_

SCALE:  
 As indicated

DATE:  
 08/03/16

**T202**

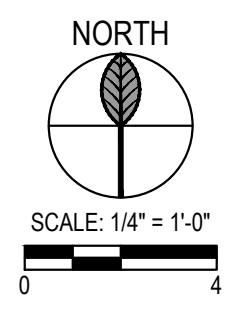
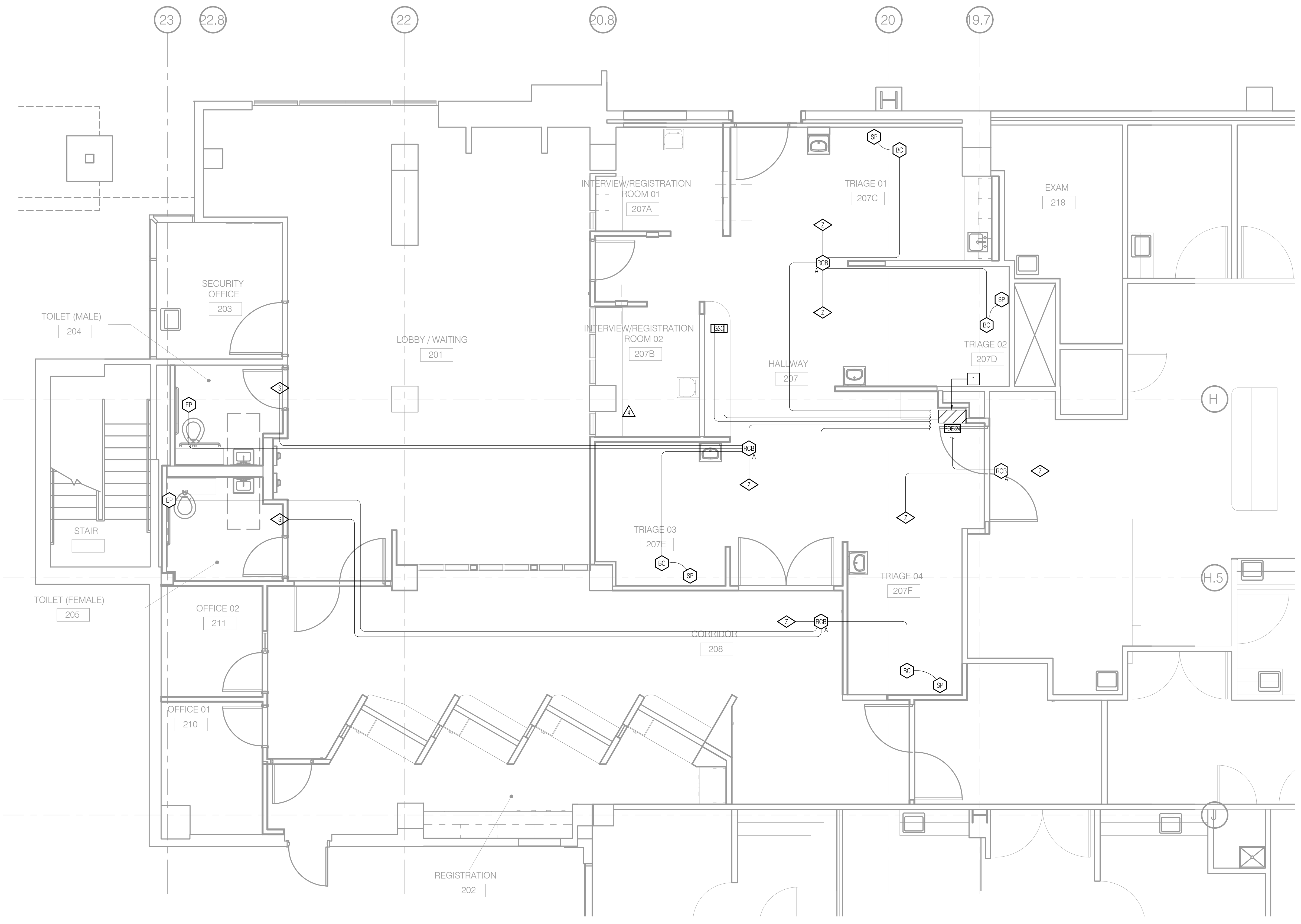
P2S No. 8232

**SHEET NOTES**

1. THIS PROJECT WILL BE CONSTRUCTED IN MULTIPLE PHASES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THEIR WORK WITH THE ARCHITECTURAL PHASING PLANS AND ALL OTHER TRADES AND INSTALL IN SUCH A WAY THAT IT DOES NOT AFFECT THE ADJOINING OCCUPIED SPACES AND MEETS ALL OF THE REQUIREMENTS OF CONTRACT DOCUMENTS AND SPECIFICATIONS AS PART OF THE BASE BID.

**NOTES**

1 26"H x 26"W x 12"D NURSE CALL TERMINAL CABINET.



**TCMC  
EMERGENCY  
DEPARTMENT**

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OSHPD APPROVAL STAMP:  
OSHPD #: S162093-37-00

**NURSE CALL  
DIAGRAMS**

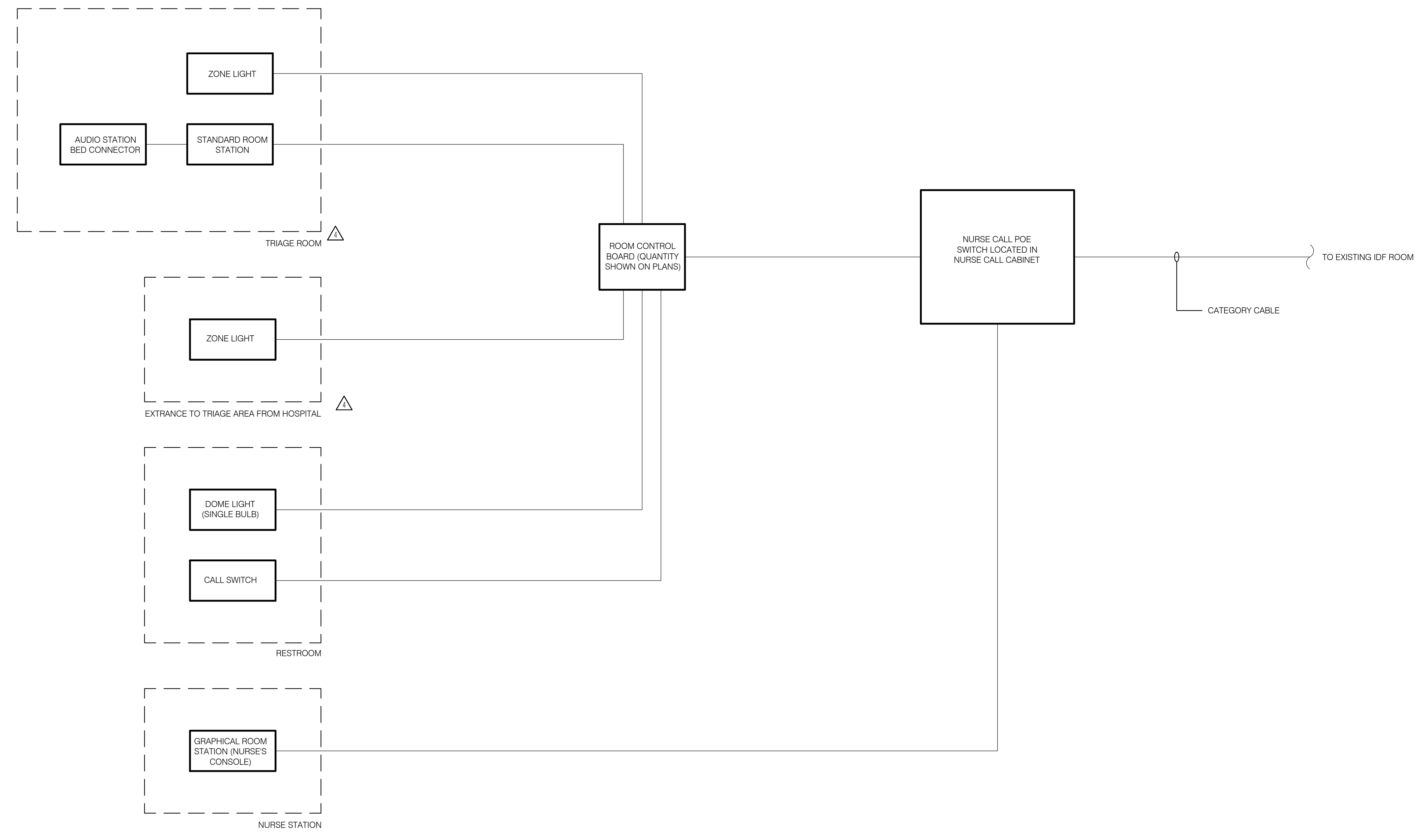
PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

PROJECT # 01593.00 SHEET NUMBER:  
DRAWN BY:  
CHECKED BY:  
SCALE: As indicated  
DATE: 08/03/16

**T501**

**SHEET NOTES**

- SEE NURSE CALL SPECIFICATIONS DIVISION 275223 FOR SYSTEM REQUIREMENTS.
- REFER TO TITLE SHEET FOR NURSE CALL SYMBOLS, DESCRIPTIONS, AND BACKBOX REQUIREMENTS.



**1 NURSE CALL SINGLE LINE DIAGRAM**  
NO SCALE

TCMC  
EMERGENCY  
DEPARTMENT

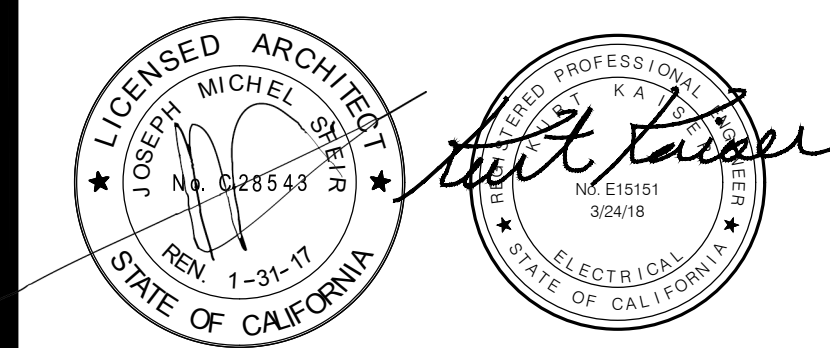
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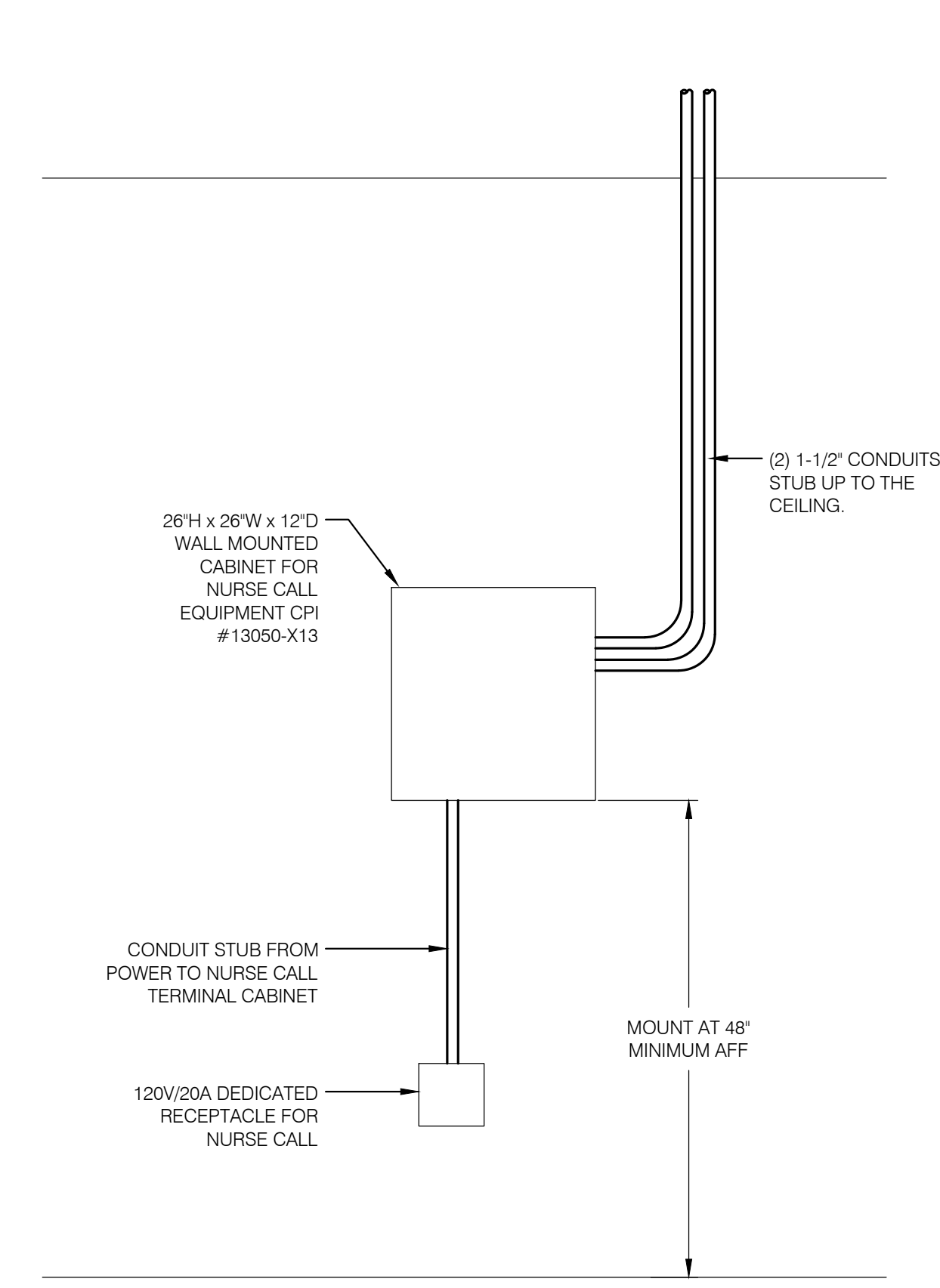
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OSHPD #: S162093-37-00

SHEET TITLE:  
NURSE CALL DETAILS

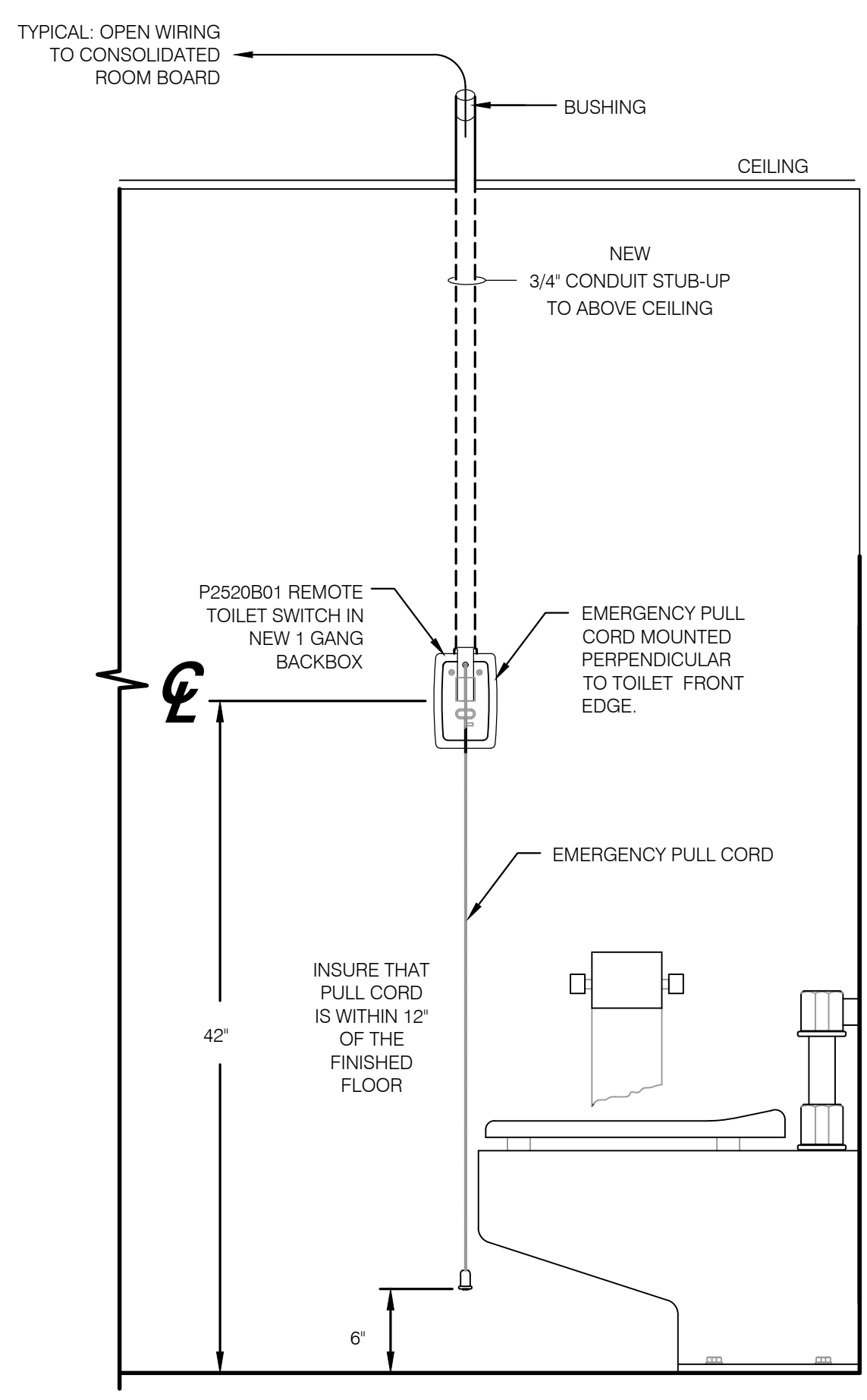
PROJECT TITLE:  
TCMC EMERGENCY DEPARTMENT

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T601



1 NURSE CALL CABINET WALL DETAIL  
NO SCALE



2 TOILET EMERGENCY PULL CORD STATION  
NO SCALE