

# TCMC PHARMACY RETAIL ROOM

## TRI-CITY MEDICAL CENTER

4002 VISTA WAY  
OCEANSIDE,  
CALIFORNIA 92056

100% CONSTRUCTION DOCUMENTS  
06/26/2017

△ OSHPD COMMENTS 7/19/2017  
△ DESIGN CHANGES 8/18/2017

STRUCTURAL:

SUN STRUCTURAL ENGINEERING

2091 Las Palmas Drive, Suite D  
Carlsbad, CA 92011  
P: 760-438-1188

ARCHITECTURE:

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

5151 Shoreham Place Suite 100  
San Diego, CA 92122

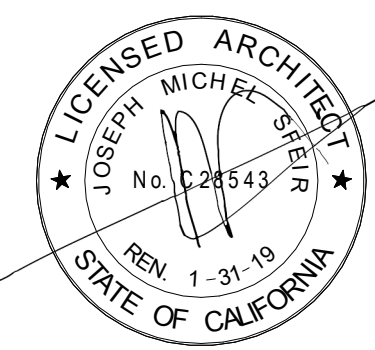
P: 619-299-3917  
F: 619-299-5084  
www.sfeirarch.com

MEP:

P2S

9665 Chesapeake, suite 230  
San Diego, CA 92123

P: 619-618-2347



OSHPD PROJECT NUMBER:

S171386-37-00

ABBREVIATIONS:

Table with 3 columns: Abbreviation, Full Name, and Category. Includes ACT (Acoustical Ceiling Tile), ALUM (Aluminum), ARCH (Architect), BLDG (Building), etc.

SEISMIC BRACING

- 1. SEISMIC BRACING - CBC 2016 CHAPTER 16A/ASCE 7-10 HVAC DUCTWORK, PLUMBING/ PIPING AND CONDUIT SYSTEMS.
2. ALL PIPES, DUCTS AND CONDUIT SHALL BE BRACED TO RESIST THE FORCES PRESCRIBED IN 2016 CBC CHAPTER 16A/ASCE 7-10...

GENERAL NOTES

- 1. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR CHECKING CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS FOR ACCURACY.
2. THE GENERAL CONTRACTOR SHALL INFORM THE OWNERS' REPRESENTATIVE PRIOR TO CONSTRUCTION OF ANY CONFLICTS THAT EXIST IN ANY AND ALL MECHANICAL, TELEPHONE, ELECTRICAL, LIGHTING, PLUMBING AND SPRINKLER EQUIPMENT...

INDEX OF DRAWINGS:

Table with 3 columns: Drawing ID, Drawing Title, and Section. Includes COVER SHEET, ARCHITECTURAL, INTERIOR FINISHES, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL.

S F E I R ARCHITECTS

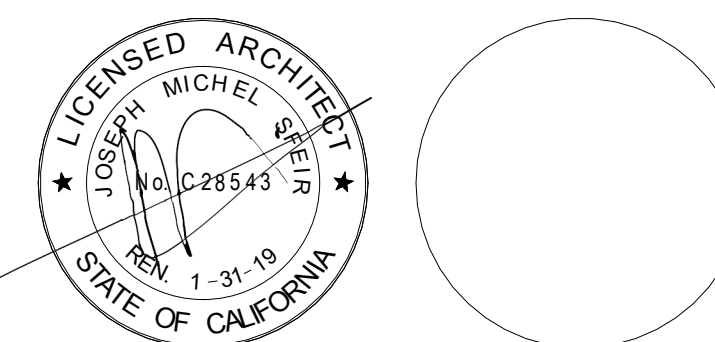
5151 Shoreham Place, Suite 100 San Diego, CA 92122
P: 619-299-3917
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www.sfeirarch.com

TCMC PHARMACY RETAIL ROOM

TRI-CITY MEDICAL CENTER

4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

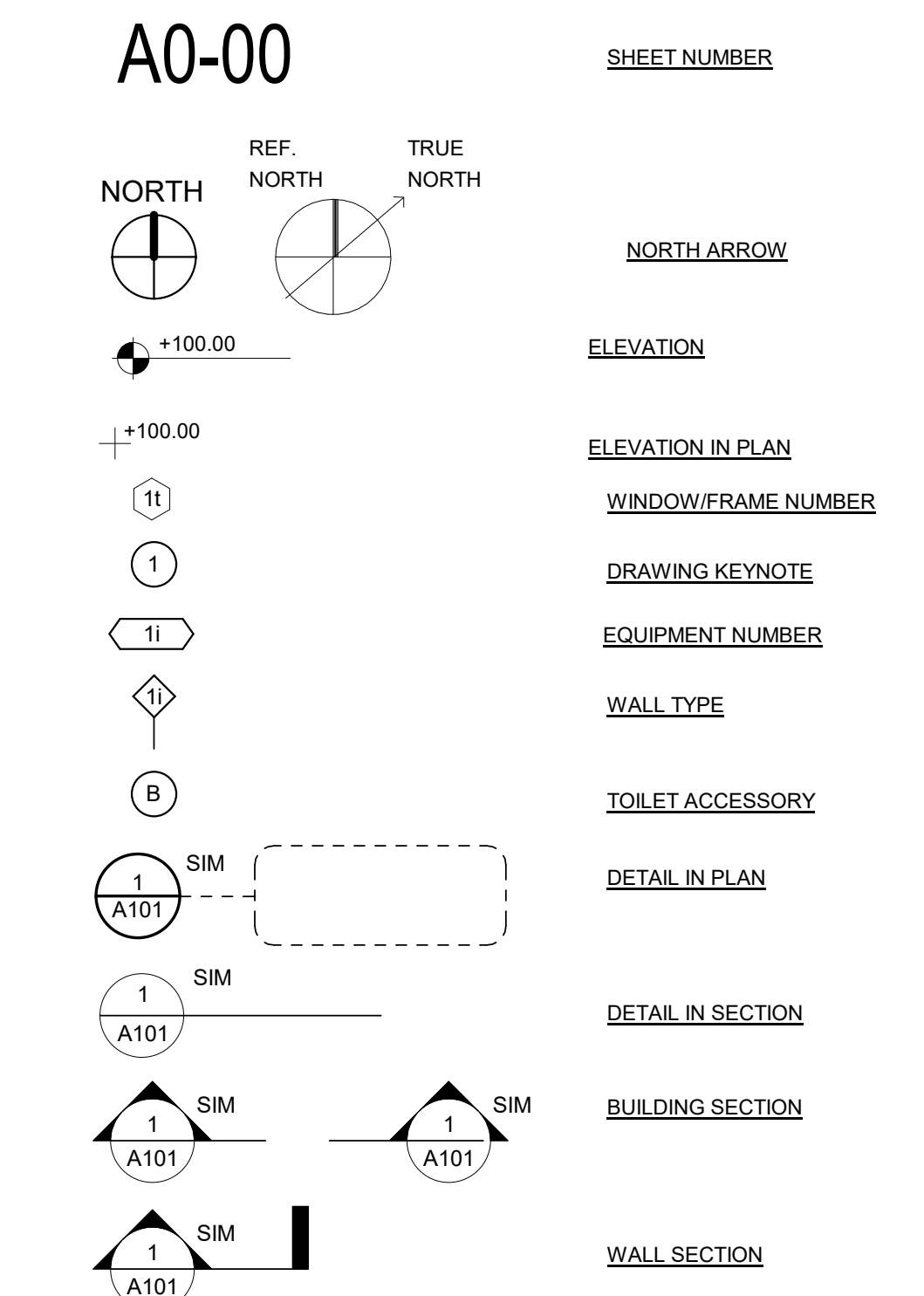
OWNER: TRI-CITY MEDICAL CENTER
ARCHITECT: SFEIR ARCHITECTS
STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.
ME&P: P2S



INTERIM LIFE SAFETY MEASURES

- 1. ALL EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
2. PRIOR TO THE START OF WORK CONSULT WITH FIELD FIRE MARSHAL ON AN ACCEPTABLE EXITING ARRANGEMENT.
3. ENSURE THAT THE EXITS PROVIDE FREE AND UNOBSTRUCTED EGRESS...

SYMBOL LEGEND:



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.

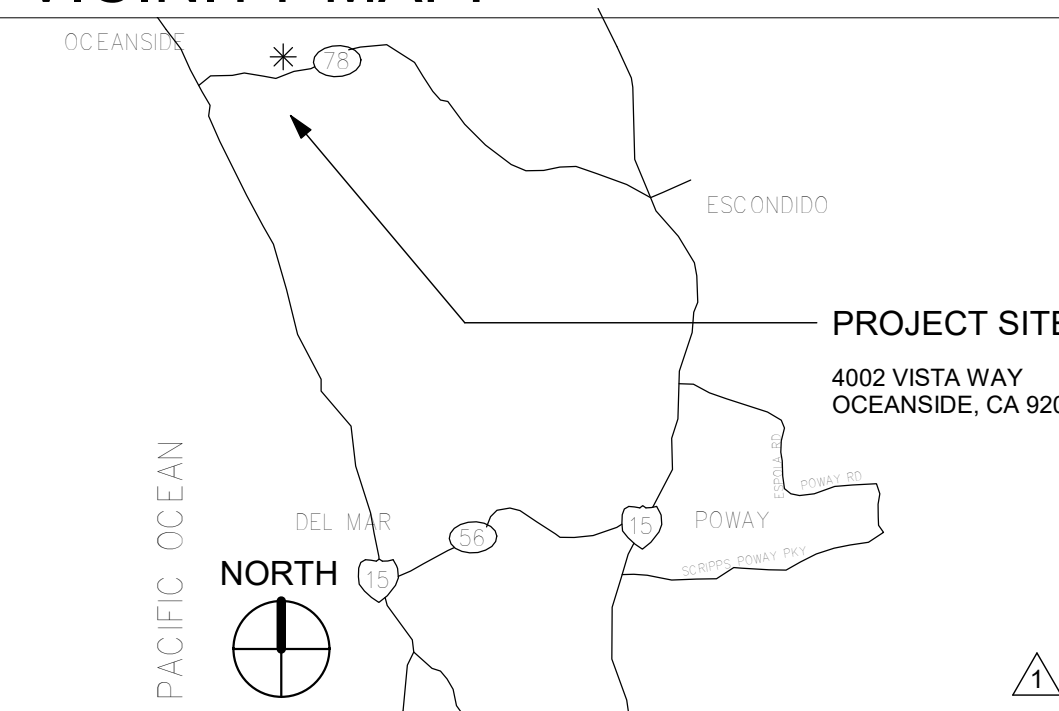
PROJECT INFORMATION:

SCOPE OF WORK:
RENOVATE EXISTING PHYSICAL THERAPY ROOM TO BECOME A RETAIL PHARMACY.
WATER CLOSET SQ.FT.: 67 SQ. FT.
PHARMACY SQ.FT.: 277 SQ. FT.
TOTAL COMBINED AREA.: 368 SQ. FT.

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:



DEFERED APPROVALS:

- FIRE ALARM
-FIRE PROTECTION

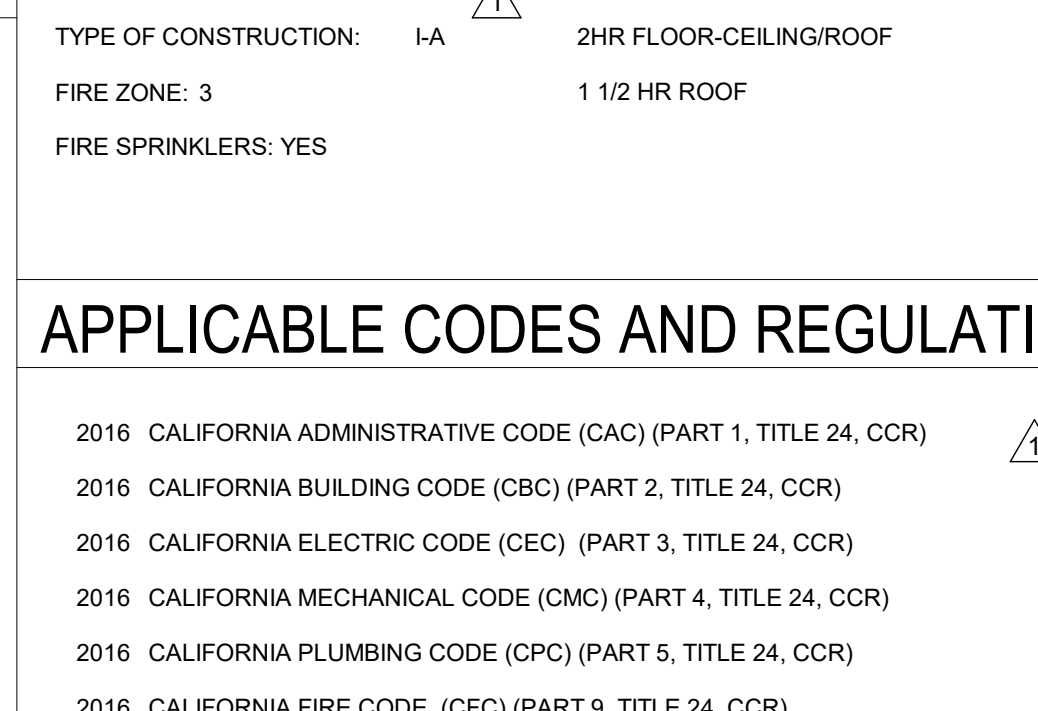
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VICINITY MAP:



DEFERED APPROVALS:

- FIRE ALARM
-FIRE PROTECTION

OSHPD APPROVAL:

APPLICATION NUMBER: S171386-37-00

Table with 3 columns: REV, DESCRIPTION, DATE. Includes OSHPD COMMENTS, DESIGN CHANGES, and CONSULTANT.

OSHPD APPROVAL STAMP: OSHPD #: S171386-37-00

APPLICABLE CODES AND REGULATIONS:

- 2016 CALIFORNIA ADMINISTRATIVE CODE (CAC) (PART 1, TITLE 24, CCR)
2016 CALIFORNIA BUILDING CODE (CBC) (PART 2, TITLE 24, CCR)
2016 CALIFORNIA ELECTRIC CODE (CEC) (PART 3, TITLE 24, CCR)
2016 CALIFORNIA MECHANICAL CODE (CMC) (PART 4, TITLE 24, CCR)
2016 CALIFORNIA PLUMBING CODE (CPC) (PART 5, TITLE 24, CCR)
2016 CALIFORNIA FIRE CODE (CFC) (PART 5, TITLE 24, CCR)

PROJECT INFORMATION

PROJECT TITLE: TCMC PHARMACY RETAIL ROOM

PROJECT #: 01641.00
DRAWN BY: Author
CHECKED BY: Checker
SCALE: NTS
DATE: 06/26/2017

A0-00



**TCMC  
PHARMACY  
RETAIL ROOM**

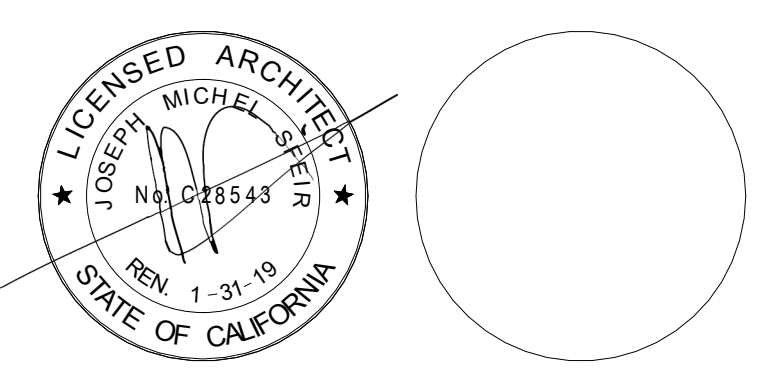
**TRI-CITY MEDICAL  
CENTER**  
4002 VISTA WAY  
OCEANSIDE, CALIFORNIA  
92056

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, SUITE 230  
SAN DIEGO, CALIFORNIA 92123  
TEL(619)618-2347



REV.	DESCRIPTION	DATE
1	OSHPD COMMENTS	7/19/2017
2	DESIGN CHANGES	8/18/2017

OSHPD APPROVAL STAMP:  
OSHPD #: S171386-37-00

SHEET TITLE:  
**GENERAL NOTES,  
LEGENDS, SYMBOLS &  
SHEET INDEX**

PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

PROJECT #:  
01641.00

DRAWN BY:  
Author

CHECKED BY:  
Checker

SCALE:  
As indicated

DATE:  
06/26/2017

SHEET NUMBER:  
**A1-00**

**GENERAL NOTES:**

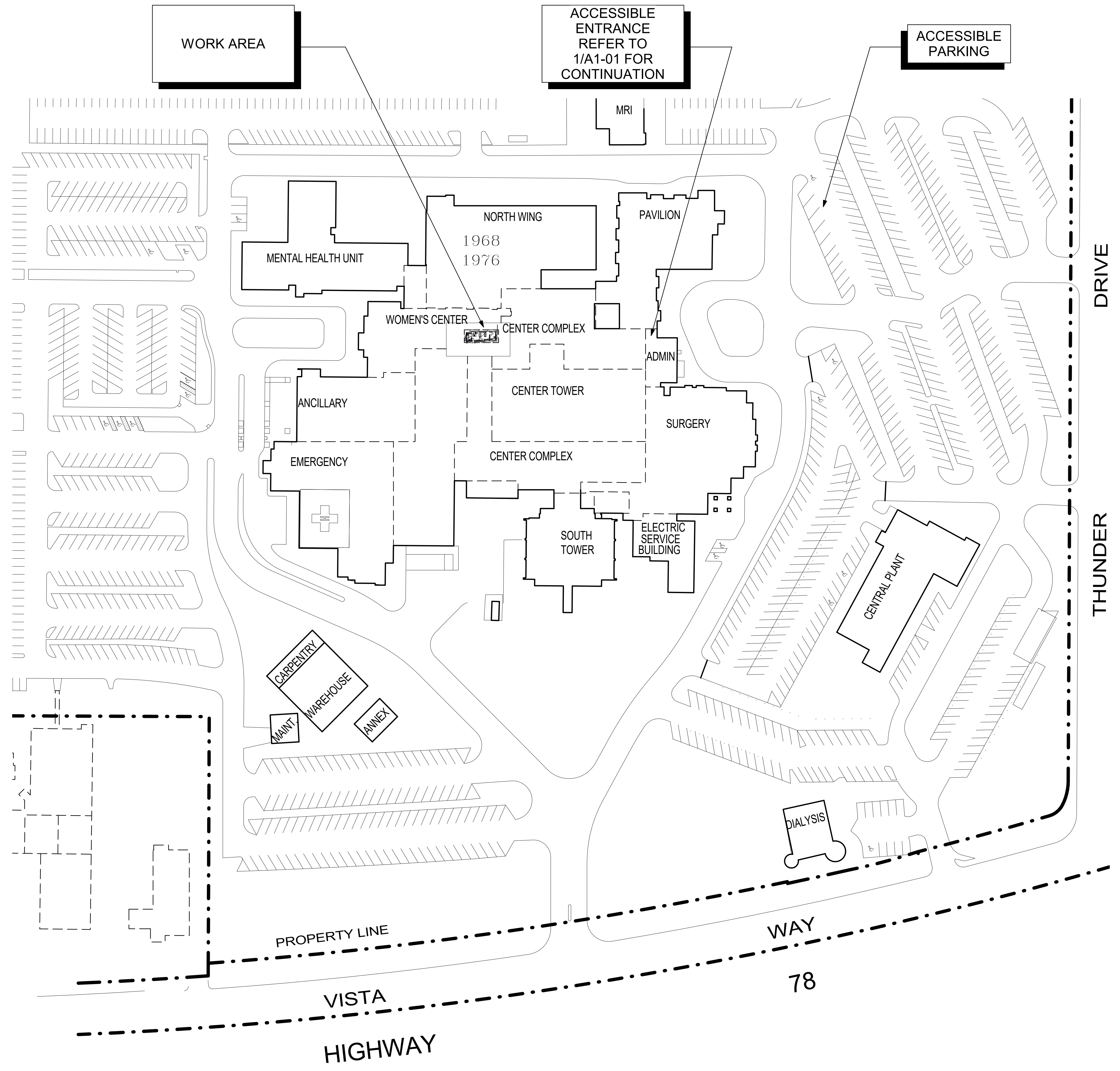
1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
2. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.

**PARTITION LEGEND:**

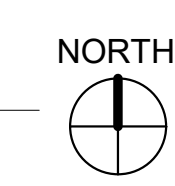
- ACCESSIBLE PATH OF TRAVEL.
- EGRESS PATH OF TRAVEL.
- ONE-HOUR RATED CORRIDOR.
- INDICATES AN EXISTING MEMBRANE OF PARTITION OR PARTITION TO BE REMOVED. REFER TO DEMOLITION PLAN FOR FURTHER REQUIREMENTS.
- INDICATES AN EXISTING PARTITION TO REMAIN. REFER TO PLAN FOR UPGRADE REQUIREMENTS.
- INDICATES AN EXISTING ONE HOUR FIRE RATED PARTITION, TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES AN EXISTING TWO HOUR FIRE RATED PARTITION TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES AN EXISTING 1 HOUR SMOKE BARRIER
- THICK LINE INDICATES NEW SURFACE FINISH.
- 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.
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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.
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- WALL TYPE "A" REFER TO DETAIL 1/A5-00.
- WALL TYPE "B" REFER TO DETAIL 2/A5-00.
- WALL TYPE "C" REFER TO DETAIL 3/A5-00.
- WALL TYPE "D" REFER TO DETAIL 4/A5-00.

**PARTITION NOTES:**

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



1 SITE PLAN  
1" = 60'-0"





# TCMC PHARMACY RETAIL ROOM

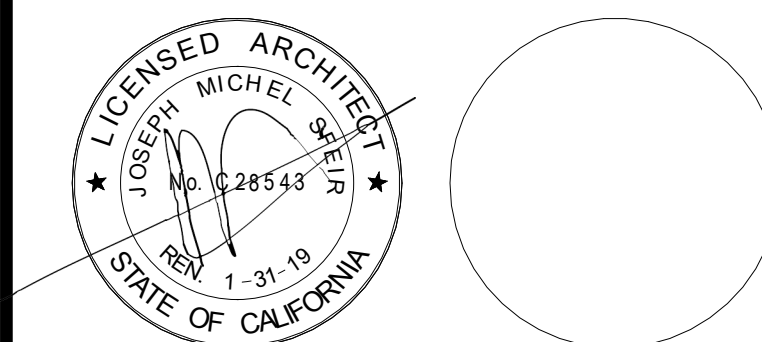
TRI-CITY MEDICAL  
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92056

OWNER: TRI-CITY MEDICAL CENTER  
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ARCHITECT: SFEIR ARCHITECTS  
5151 SHOREHAM PLACE, SUITE 100  
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

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



REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #: S171386-37-00

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

PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

PROJECT # 01641.00  
DRAWN BY: Author  
CHECKED BY: Checker  
SCALE: As indicated  
DATE: 06/26/2017

**A1-01**

### GENERAL NOTES:

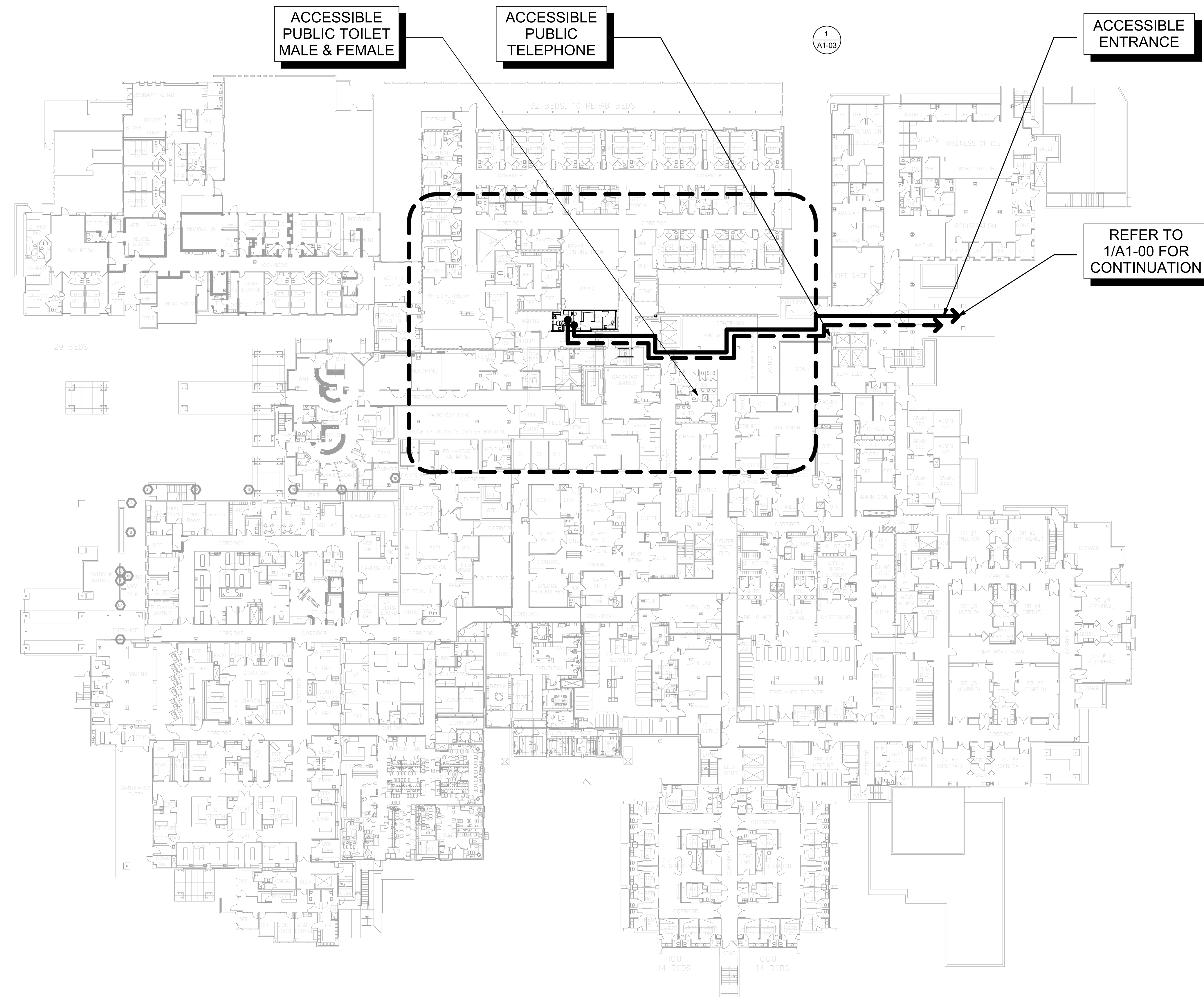
1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
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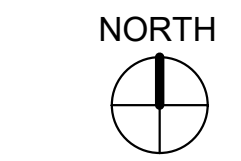
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2. EXISTING WALLS WERE CONSTRUCTED WITH MANY PERMITS AND/OR CONTRACTS. FIELD VERIFY CONSTRUCTION AND WIDTH PRIOR TO FABRICATION OF DOOR FRAMES OR COMPONENTS WHICH REQUIRE THE WIDTH OF WALL TO BE SET.



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





# TCMC PHARMACY RETAIL ROOM

## TRI-CITY MEDICAL CENTER

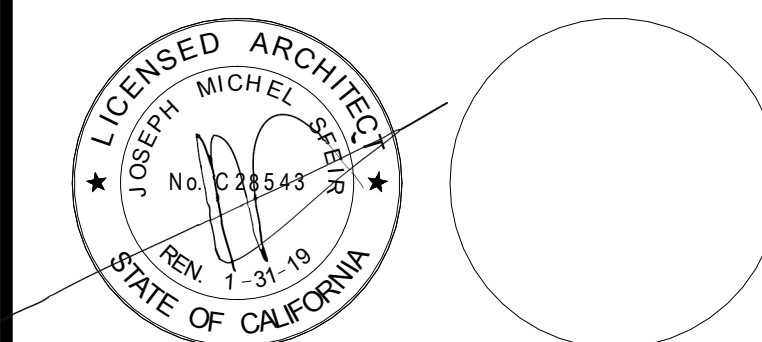
4002 VISTA WAY  
OCEANSIDE, CALIFORNIA 92056

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.  
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CARLSBAD, CALIFORNIA 92011  
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ME&P: P2S  
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SAN DIEGO, CALIFORNIA 92123  
TEL(619)618-2347



REV.	DESCRIPTION	DATE
1	OSHPD COMMENTS	7/19/2017
2	DESIGN CHANGES	8/18/2017

OSHPD APPROVAL STAMP:  
OSHPD #: S171386-37-00

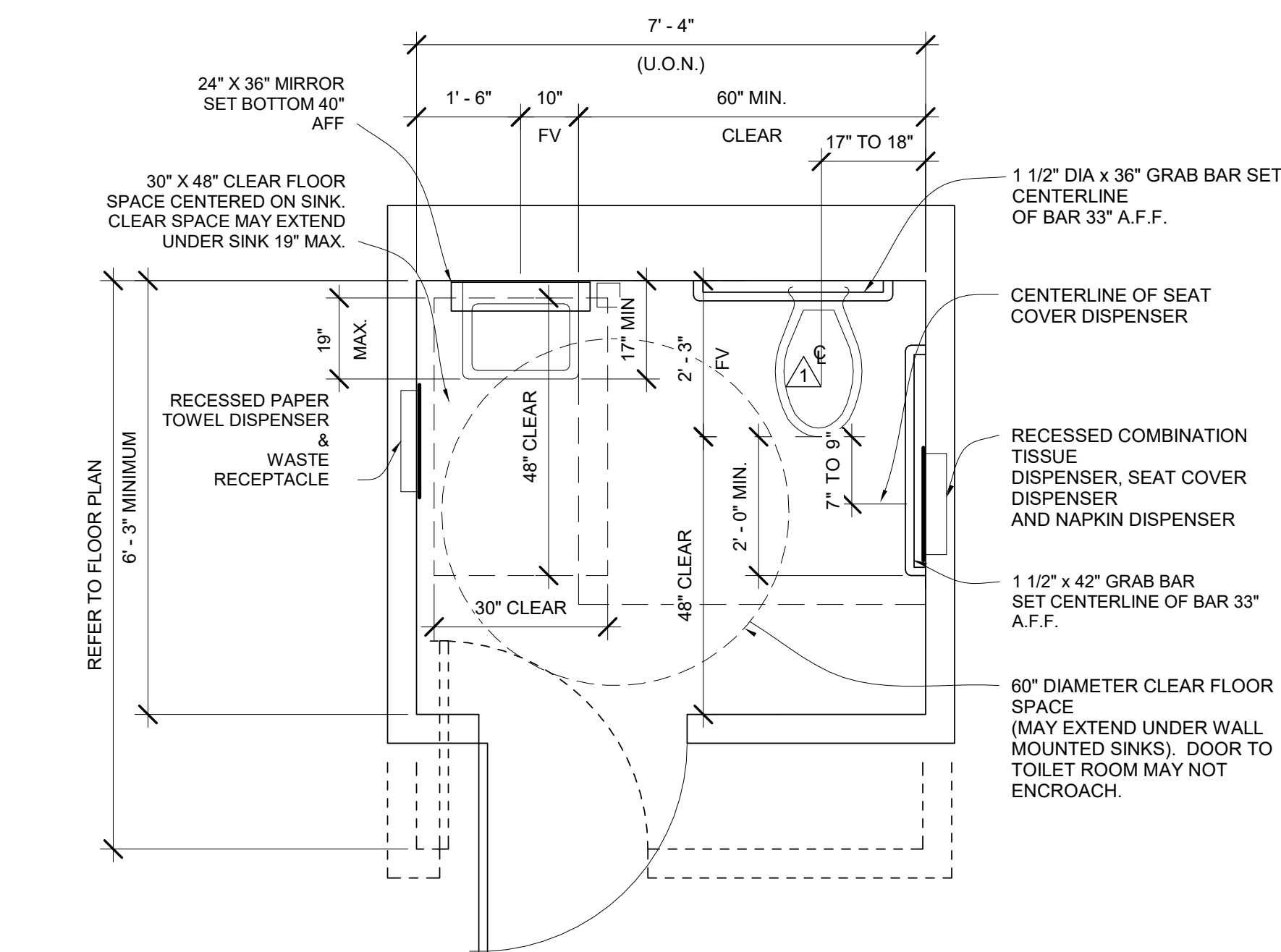
### ADA COMPLIANCE DETAILS

PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

PROJECT #:  
01641.00

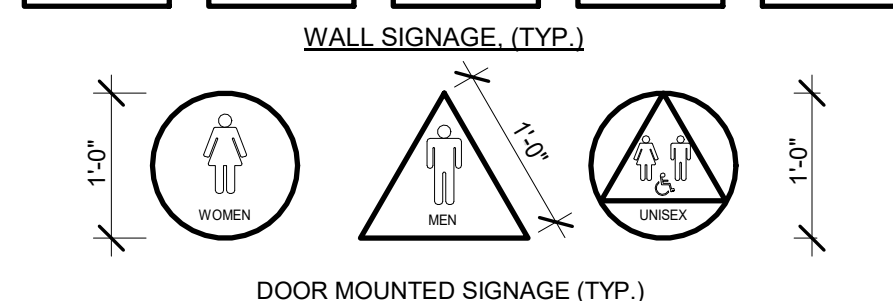
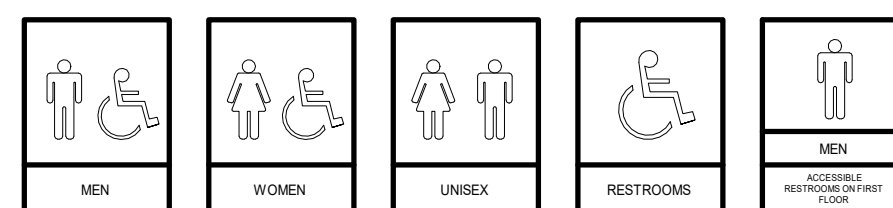
DATE: 06/26/2017

A1-02



1 ACCESSIBLE TOILET PLAN

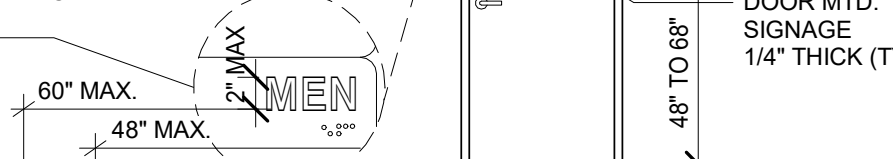
1/2" = 1'-0"



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

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

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

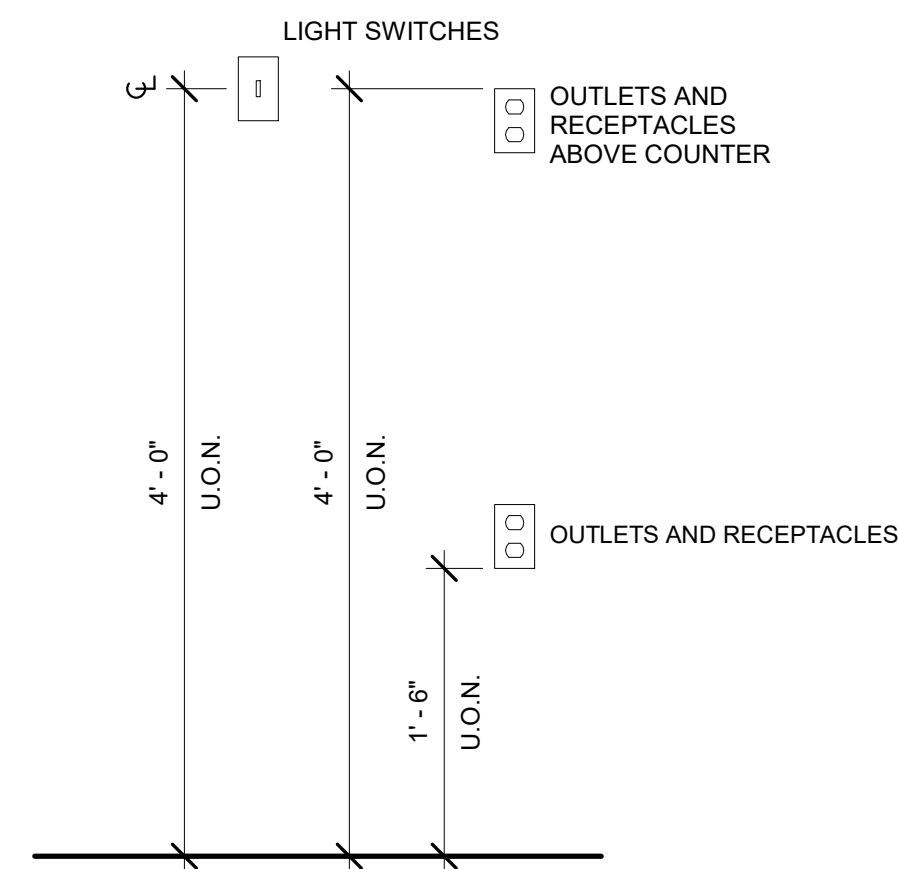


#### CALIFORNIA BRAILLE AND COLOR CODE REQUIREMENTS

CONTRACTED GRADE 2 BRAILLE SHALL BE USED WHERE BRAILLE SYMBOLS ARE SPECIFICALLY REQ'D. IN OTHER PORTIONS OF THESE STANDARDS, DOTS SHALL BE SPACED 1/10 INCH (2.54 mm) ON CENTERS IN EA. CELL W/ 2/10" (5.08 mm) SPACED BETWEEN CELLS. DOTS SHALL BE RAISED A MIN. OF 1/40 INCH (0.635 mm) ABOVE BACKGROUND. LETTERS AND SYMBOLS SHALL BE WHITE AND BACKGROUND SHALL BE EQUAL TO BLUE COLOR NO. 15090 IN FEDERAL STANDARD 595B.

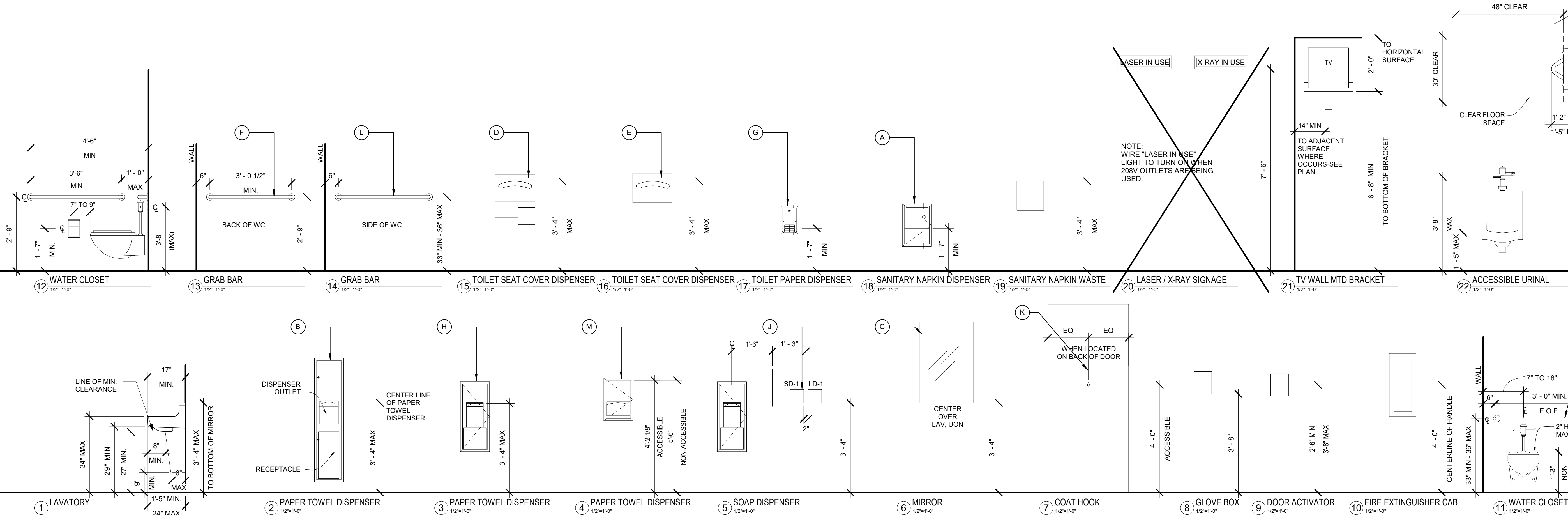
2 SANITARY FACILITIES SIGNAGE

1/2" = 1'-0"



3 OUTLETS AND SWITCHES MOUNTING HEIGHT

1" = 1'-0"



# TCMC PHARMACY RETAIL ROOM

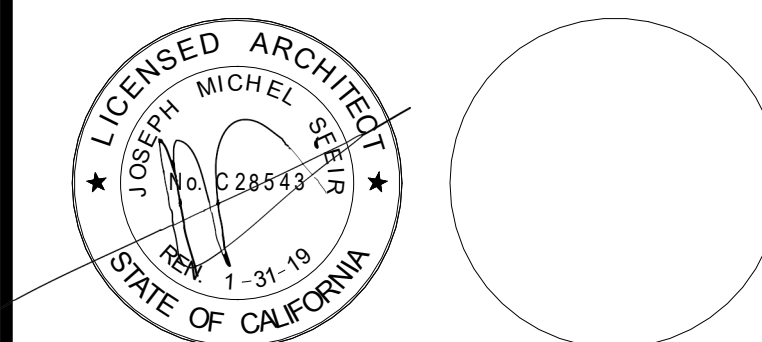
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REV.	DESCRIPTION	DATE
1	OSHPD COMMENTS	7/19/2017
2	DESIGN CHANGES	8/18/2017

OSHPD APPROVAL STAMP:  
OSHPD #: S171386-37-00

SHEET TITLE:  
DEPARTMENT  
ADJACENCIES

PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

PROJECT # 01641.00 SHEET NUMBER:  
DRAWN BY: Author  
CHECKED BY: Checker  
SCALE: As indicated  
DATE: 06/26/2017

# A1-03

## GENERAL NOTES:

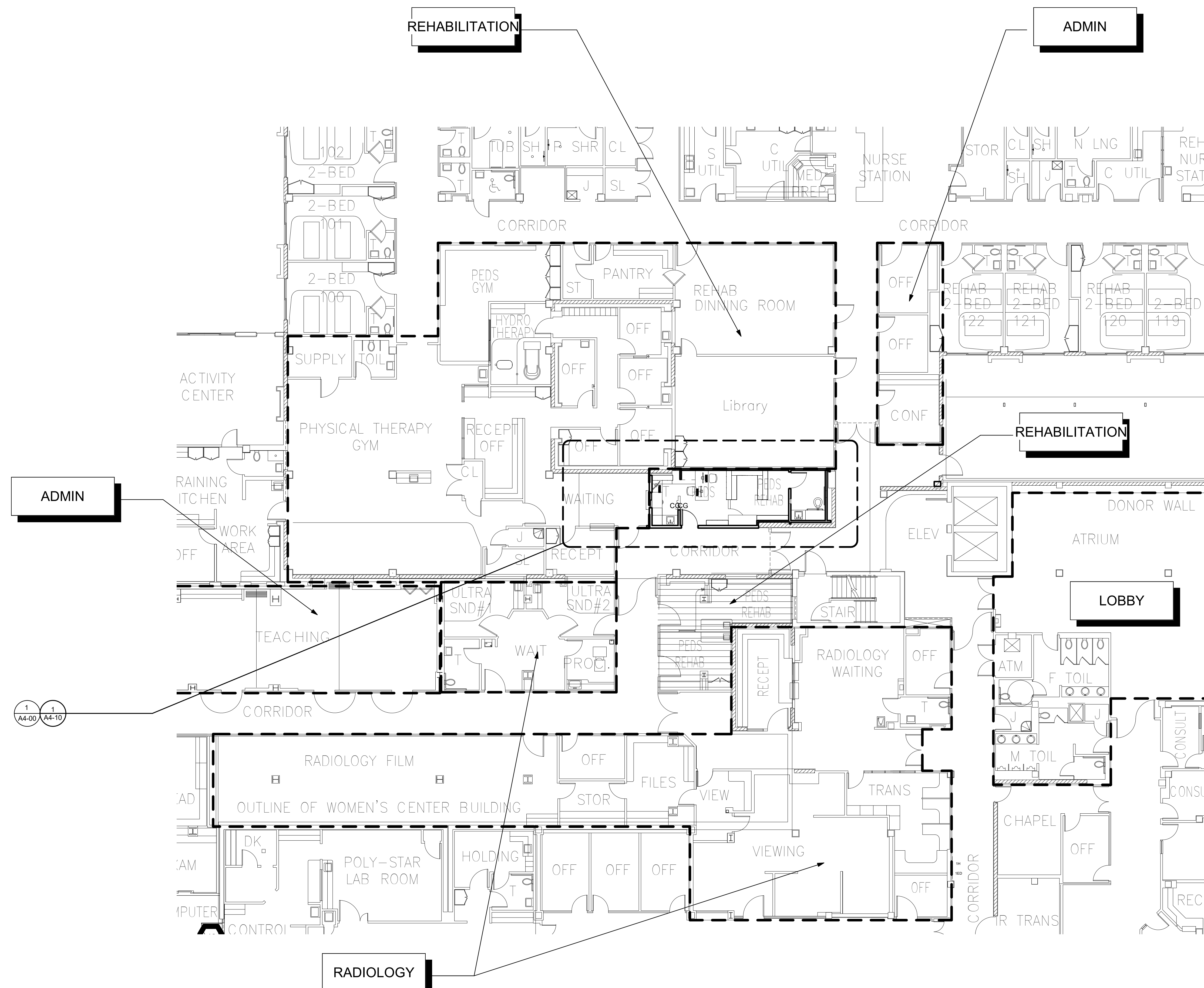
1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
2. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.

## PARTITION LEGEND:

- ACCESSIBLE PATH OF TRAVEL.
- EGRESS PATH OF TRAVEL.
- ONE-HOUR RATED CORRIDOR.
- INDICATES AN EXISTING MEMBRANE OF PARTITION OR PARTITION TO BE REMOVED. REFER TO DEMOLITION PLAN FOR FURTHER REQUIREMENTS.
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1 ADJACENCIES FIRST FLOOR PLAN  
1" = 10'-0"



# TCMC PHARMACY RETAIL ROOM

## TRI-CITY MEDICAL CENTER

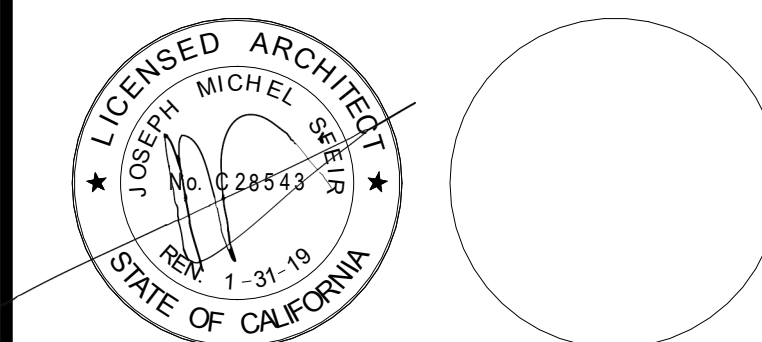
4002 VISTA WAY  
OCEANSIDE, CALIFORNIA  
92056

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, SUITE 230  
SAN DIEGO, CALIFORNIA 92123  
TEL(619)618-2347



REV.	DESCRIPTION	DATE
1	OSHPD COMMENTS	7/19/2017
2	DESIGN CHANGES	8/18/2017

OSHPD APPROVAL STAMP:  
OSHPD #: S171386-37-00

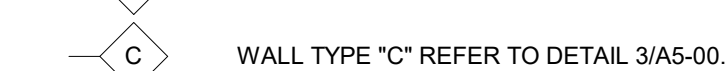
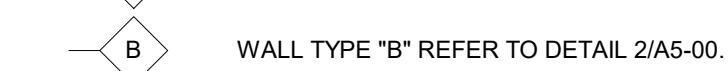
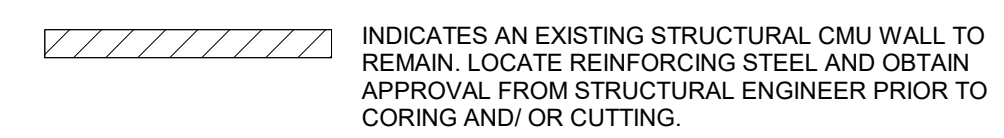
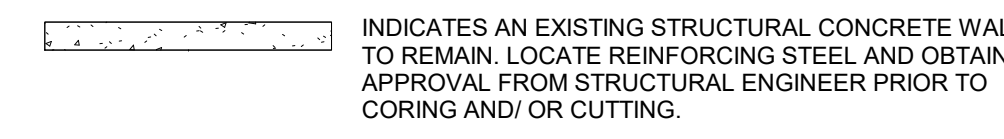
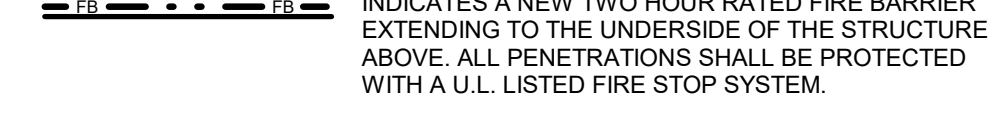
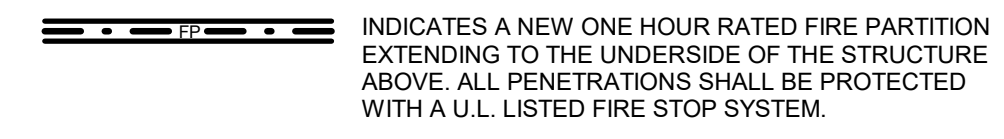
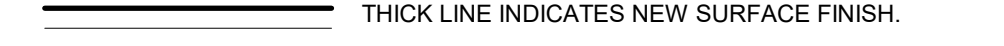
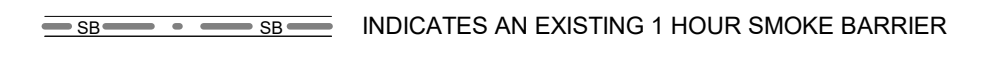
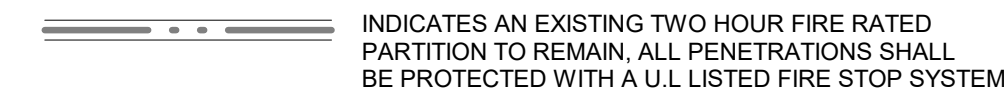
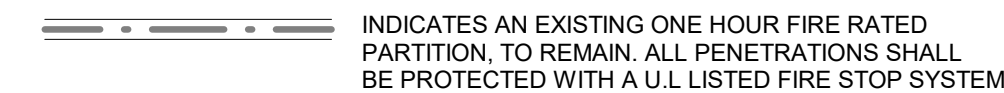
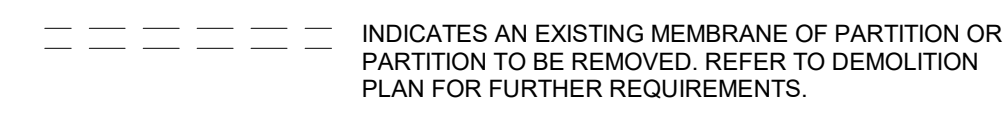
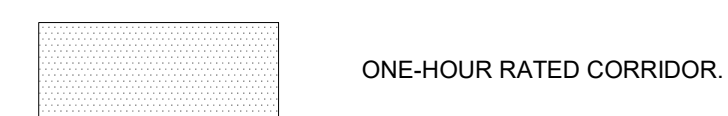
SHEET TITLE:  
**1/4" PARTIAL DEMO - FIRST  
FLOOR PLAN**

PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

PROJECT #:  
01641.00  
DRAWN BY:  
Author  
CHECKED BY:  
Checker  
SCALE:  
As indicated  
DATE:  
06/26/2017

**A4-00**

### PARTITION LEGEND:



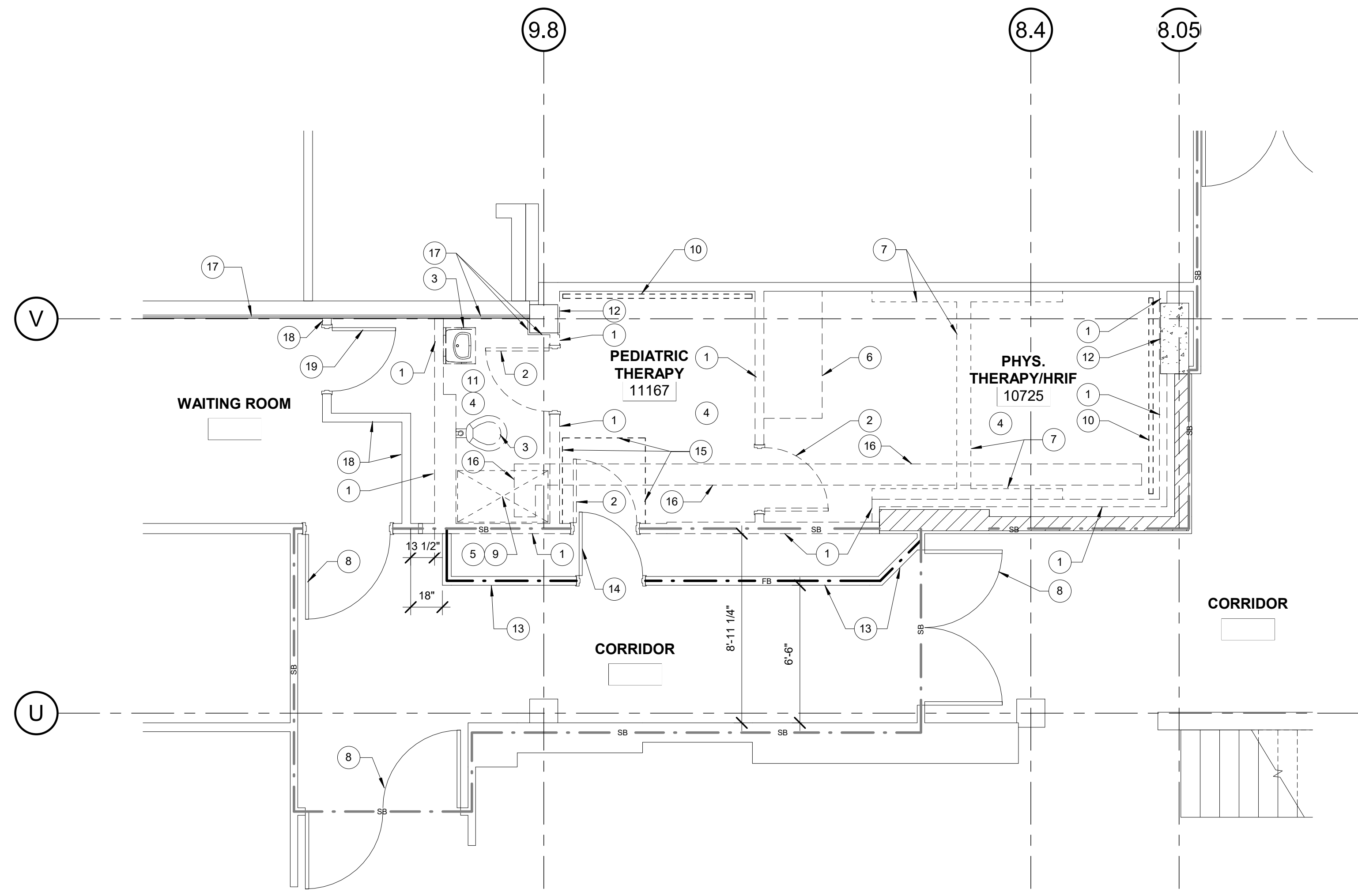
- PARTITION NOTES:**
- ALL DIMENSIONS SHOWN ARE TO FINISHED FACE OF GYP. BOARD, TYPICAL U.O.N. REFER TO SHEET A5-00 FOR GENERAL NOTES AND REQUIREMENTS FOR PARTITIONS.
  - EXISTING WALLS WERE CONSTRUCTED WITH MANY PERMITS AND/OR CONTRACTS. FIELD VERIFY CONSTRUCTION AND WIDTH PRIOR TO FABRICATION OF DOOR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

### 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.
- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING DEMOLITION.
- THE GENERAL CONTRACTOR SHALL COORDINATE ALL PHASING, ACCESS, DEBRIS REMOVAL, STAGING AREAS AND HOURS OF CONSTRUCTION WITH OWNER PRIOR TO START OF DEMOLITION.
- THE GENERAL CONTRACTOR SHALL COORDINATE WITH STRUCTURAL, MEP, FIRE ALARM, FIRE PROTECTION, NURSE CALL, INTERIORS AND EQUIPMENT DRAWINGS PRIOR TO STARTING DEMOLITION. THE PROJECT MANUAL AND ALL DRAWINGS IN THE CONSTRUCTION DRAWINGS SHALL BE PART OF THE CONSTRUCTION DOCUMENTS.
- THE GENERAL CONTRACTOR SHALL SEPARATE DISSIMILAR METALS WITH BUILDING PAPER OR PLASTIC SHIM.
- THE GENERAL CONTRACTOR SHALL X-RAY AND/OR ULTRASOUND THE EXISTING CONCRETE FLOORS AND FLOOR ABOVE FOR ANY POSSIBLE EMBEDDED CONDUITS, STRUCTURAL REBAR OR UNFORESEEN CONDITION THAT MIGHT IMPEDE THE ANCHORING OF EQUIPMENT OR CONFLICT WITH CORE DRILLING PRIOR TO START OF CONSTRUCTION.
- REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
- CONTRACTOR STAGING TO BE IN THE ROOMS UNDER REMODEL.
- CONTRACTOR PARKING TO BE IN CONTRACTOR DESIGNATED PARKING AREA.
- THE CONTRACTOR SHALL ENSURE THAT THE AREA UNDER REMODEL IS LOCKED AND OTHERWISE SECURED AFTER HOURS.
- UNLESS OTHERWISE NOTED, CONTRACTOR SHALL COORDINATE WITH THE OWNER THE REMOVAL OF EXISTING EQUIPMENT INDICATED ON DRAWINGS.
- DASHED LINES INDICATE ITEMS TO BE DEMOLISHED OR REMOVED. REFER TO FLOOR PLAN, CEILING PLAN AND ROOM FINISH SCHEDULE ALONG WITH MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION, AND FIRE ALARM SECTIONS FOR FURTHER DESCRIPTION OF SCOPE OF WORK.
- REFER TO DEMOLITION PLAN FOR NOTES INDICATING TYPE OF FINISHES WITHIN THE EXISTING SPACE TO BE REMOVED.
- REFER TO RELATED PLANS FOR PORTIONS OF EXISTING CONSTRUCTION SCHEDULED TO REMAIN.
- PATCH NEW WORK TO MATCH AND ALIGN WITH THE EXISTING. COMPLETELY REMOVE EXISTING FINISHES WHERE NEW FINISHES ARE SCHEDULED.
- CONTRACTOR SHALL PRESERVE AND PROTECT THE EXISTING AREA, EQUIPMENT, CABINETS ETC. ADJACENT TO THE AREA OF WORK.
- REFER TO NEW PLAN AND INTERIOR ELEVATIONS FOR LOCATION OF NEW WALL CONNECTIONS, OPENINGS, RECESSED ITEMS, BACKING PLATES, ETC. AT EXISTING WALLS. REMOVE GYPSUM BOARD WHERE NEEDED TO ACCOMMODATE FOR THE ABOVE WORK.
- CAP AND CLOSE ALL ABANDONED OPENINGS AT EXISTING SLAB. FILL AND PATCH TO LEVEL FLOOR. REFER TO STRUCTURAL DETAIL FOR INFILL OPENING DETAIL. NOTE THAT THE NUMBER OF EXISTING OPENINGS TO BE FILLED IS ONLY INDICATIVE. REFER TO MEP FOR MORE INFORMATION. NOTIFY ARCHITECT OF UNCOVERED EXISTING CONDITIONS.
- CONTRACTOR SHALL PRESERVE AND PROTECT THE PORTIONS OF THE EXISTING OVERHEAD PAGING, TELEPHONE, DATA AND ELECTRICAL LINES DURING THE COURSE OF CONSTRUCTION. MANY OF THE SYSTEMS ARE SCHEDULED FOR REUSE BY THE OWNER UNDER THIS OR SEPARATE CONTRACTS.
- GENERAL CONTRACTOR TO PROVIDE NEGATIVE PRESSURE IN EACH PHASE AND FILTER THE AIR WITH HEPA FILTRATION AND EXHAUST FILTER AIR THROUGH EXTERIOR WINDOWS. G.C. TO SECURE AN INFECTION CONTROL PERMIT FROM TRI CITY MEDICAL CENTER PRIOR TO STARTING CONSTRUCTION.

### DEMOLITION KEYNOTES:

- REMOVE EXISTING PARTITION IN ITS ENTIRETY.
- REMOVE EXISTING DOOR & FRAME.
- REMOVE EXISTING PLUMBING FIXTURE.
- REMOVE EXISTING FLOOR FINISH.
- REMOVE EXISTING MORTAR BED.
- REMOVE EXISTING CABINETS.
- REMOVE EXISTING FLOOR MOUNTED EQUIPMENT.
- EXISTING DOOR AND FRAME TO REMAIN.
- REMOVE EXISTING SHOWER STALL.
- REMOVE EXISTING WALL MOUNTED MIRROR.
- REMOVE EXISTING WALL MOUNTED ACCESSORIES AND LIGHT FIXTURES.
- REMOVE EXISTING GYP BOARD AND FURRING CHANNEL.
- TEMPORARY 1 HOUR RATED INFECTION CONTROL GYPSUM WALL BOARD PARTITION FROM FLOOR TO UNDER SIDE OF STRUCTURE ABOVE.
- TEMPORARY 20 MINUTE DOOR.
- INFECTION CONTROL ANTE-ROOM COROPLAST SHEETING BELOW AND ABOVE CEILING. ZIPPERED ENCLOSURE.
- SAW CUT EXISTING CONCRETE FLOOR SLAB TO EXTEND WASTE LINE TO NEW SINK.
- EXISTING GWB OVER 7/8" FURRING CHANNEL TO REMAIN.
- FIRE RESISTIVE CORRUGATED BOARD - Coroplast® Firewall FRB Class 94V-2. TEMPORARY EXITING PROVISIONS SHALL MEET THE REQUIREMENTS OF OSHPD CAN 9-3301 AND THAT CONSTRUCTION/INFECTION CONTROL BARRIER PLACEMENT SHALL BE COORDINATED WITH OSHPD FIELD FLSO. SEPARATE CONSTRUCTION AREA FROM ADJACENT OCCUPIED SPACE ABOVE CEILING WITH FIRE RESISTIVE VISQUEEN.
- TEMPORARY DOOR.



**1 RETAIL PHARMACY DEMOLITION PLAN**  
1/4" = 1'-0" NORTH

# TCMC PHARMACY RETAIL ROOM

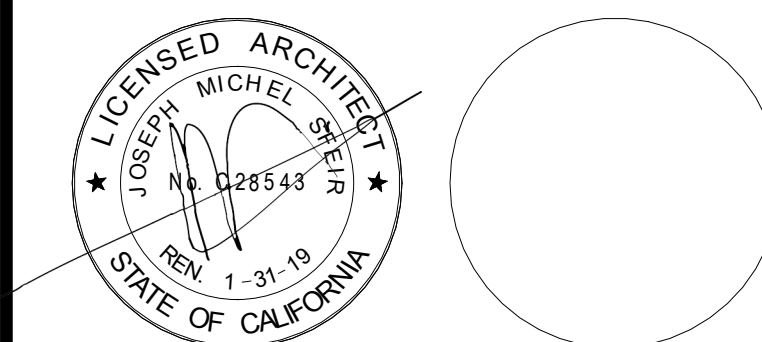
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REV.	DESCRIPTION	DATE
1	OSHPD COMMENTS	7/19/2017
2	DESIGN CHANGES	8/18/2017

OSHPD APPROVAL STAMP:  
OSHPD #: S171386-37-00

SHEET TITLE:  
1/4" PARTIAL NEW - FIRST FLOOR PLAN

PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

PROJECT # 01641.00 SHEET NUMBER:  
DRAWN BY: Author  
CHECKED BY: Checker  
SCALE: As indicated  
DATE: 06/26/2017

# A4-10

## PARTITION LEGEND:

- ACCESSIBLE PATH OF TRAVEL.
- EGRESS PATH OF TRAVEL.
- ONE-HOUR RATED CORRIDOR.
- 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 ONE HOUR FIRE RATED PARTITION. TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES AN EXISTING TWO HOUR FIRE RATED PARTITION TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES AN EXISTING 1 HOUR SMOKE BARRIER.
- THICK LINE INDICATES NEW SURFACE FINISH.
- 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 TWO 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.
- INDICATES AN EXISTING STRUCTURAL CONCRETE WALL TO REMAIN. LOCATE REINFORCING STEEL AND OBTAIN APPROVAL FROM STRUCTURAL ENGINEER PRIOR TO CORING AND/OR CUTTING.
- INDICATES AN EXISTING STRUCTURAL CMU WALL TO REMAIN. LOCATE REINFORCING STEEL AND OBTAIN APPROVAL FROM STRUCTURAL ENGINEER PRIOR TO CORING AND/OR CUTTING.
- WALL TYPE "A" REFER TO DETAIL 1/A5-00.
- WALL TYPE "B" REFER TO DETAIL 2/A5-00.
- WALL TYPE "C" REFER TO DETAIL 3/A5-00.
- WALL TYPE "D" REFER TO DETAIL 4/A5-00.

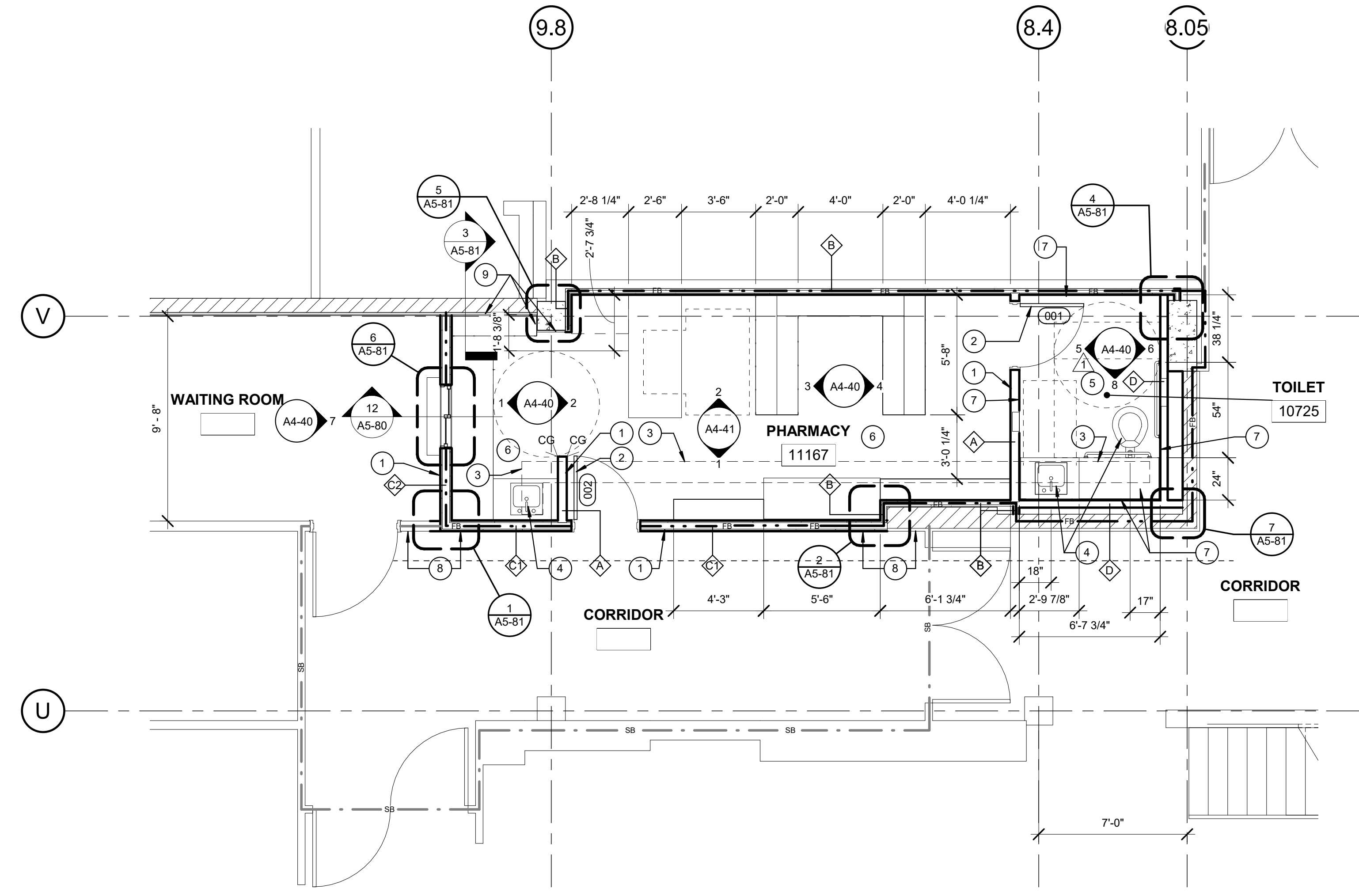
- PARTITION NOTES:**
- ALL DIMENSIONS SHOWN ARE TO FINISHED FACE OF GYP. BOARD. TYPICAL U.O.N. REFER TO SHEET A5-00 FOR GENERAL NOTES AND REQUIREMENTS FOR PARTITIONS.
  - EXISTING WALLS WERE CONSTRUCTED WITH MANY PERMITS AND/OR CONTRACTS. FIELD VERIFY CONSTRUCTION AND WIDTH PRIOR TO FABRICATION OF DOOR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

## 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 FLOOR PLAN NOTES:
- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
  - THE GENERAL CONTRACTOR SHALL COORDINATE ALL PHASING, ACCESS, DEBRIS REMOVAL, STAGING AREAS AND HOURS OF CONSTRUCTION WITH OWNER PRIOR TO START OF CONSTRUCTION.
  - 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.
  - THE GENERAL CONTRACTOR SHALL SEPARATE DISSIMILAR METALS WITH BUILDING PAPER OR PLASTIC SHIM.
  - THE GENERAL CONTRACTOR SHALL X-RAY AND/OR ULTRASOUND THE EXISTING CONCRETE FLOORS AND FLOOR ABOVE FOR ANY POSSIBLE EMBEDDED CONDUITS, STRUCTURAL REBAR OR UNFORESEEN CONDITION THAT IS OUTSIDE THE SCOPE OF WORK AND MIGHT IMPEDE THE ANCHORING OF EQUIPMENT OR CONFLICT WITH TRENCHING PRIOR TO CONSTRUCTION.
  - REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
  - CONTRACTOR STAGING TO BE IN THE ROOMS UNDER REMODEL.
  - CONTRACTOR PARKING TO BE IN CONTRACTOR DESIGNATED PARKING AREA.
  - THE CONTRACTOR SHALL ENSURE THAT THE AREA UNDER REMODEL IS LOCKED AND OTHERWISE SECURED AFTER HOURS.
  - VERIFY ALL DIMENSIONS WITH EQUIPMENT SCHEDULE PRIOR TO START OF CONSTRUCTION.
  - 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.
  - REFER TO FINISH PLAN AND SCHEDULE AND INTERIOR DESIGN DOCUMENTS FOR TYPES OF FINISHES.
  - FOR DOOR INFORMATION REFER TO DOOR SCHEDULE, SHEET A6-00.
  - REFER TO SHEETS A1-00, A1-01 AND A1-02 FOR ACCESSIBILITY REQUIREMENTS.
  - PROVIDE ACOUSTICAL INSULATION IN ALL NEW WALL ASSEMBLIES.
  - 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.
  - 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.

## FLOOR PLAN KEYNOTES:

- NEW INTERIOR PARTITION.
- NEW DOOR AND DOOR FRAME.
- NEW CONCRETE TOPPING SLAB. TOP OF CONCRETE TO MATCH EXISTING. REFER TO 9 ON SD2.
- ADD NEW PLUMBING FIXTURE.
- NEW TILE FLOORING AND BASE.
- NEW SHEET VINYL FLOORING & RUBBER BASE
- NEW MOISTURE RESISTANT GYPSUM BOARD. SEE ID-1 FOR FINISHES.
- ALIGN NEW PARTITION.
- EXISTING GWB OVER 7/8" FURRING CHANNEL TO REMAIN.



1 RETAIL PHARMACY NEW PLAN  
1/4" = 1'-0"



**TCMC  
PHARMACY  
RETAIL ROOM**

**TRI-CITY MEDICAL  
CENTER**

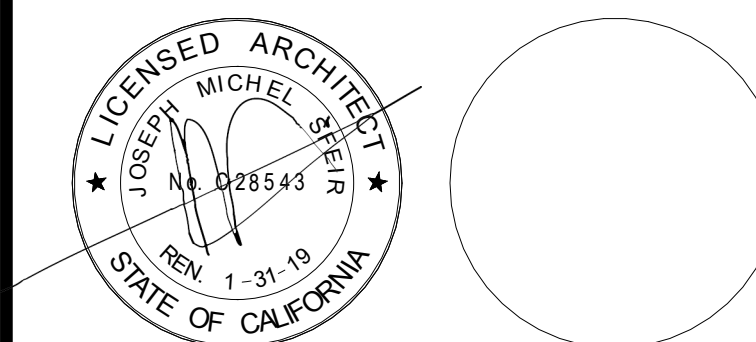
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OSHPD COMMENTS	DATE
DESIGN CHANGES	8/18/2017

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #: S171386-37-00

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

PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

PROJECT #:  
01641.00

DRAWN BY:  
AR/HT

CHECKED BY:  
JS

SCALE:  
As indicated

DATE:  
06/26/2017

**A4-20**

**RCP DEMOLITION KEYNOTES:**

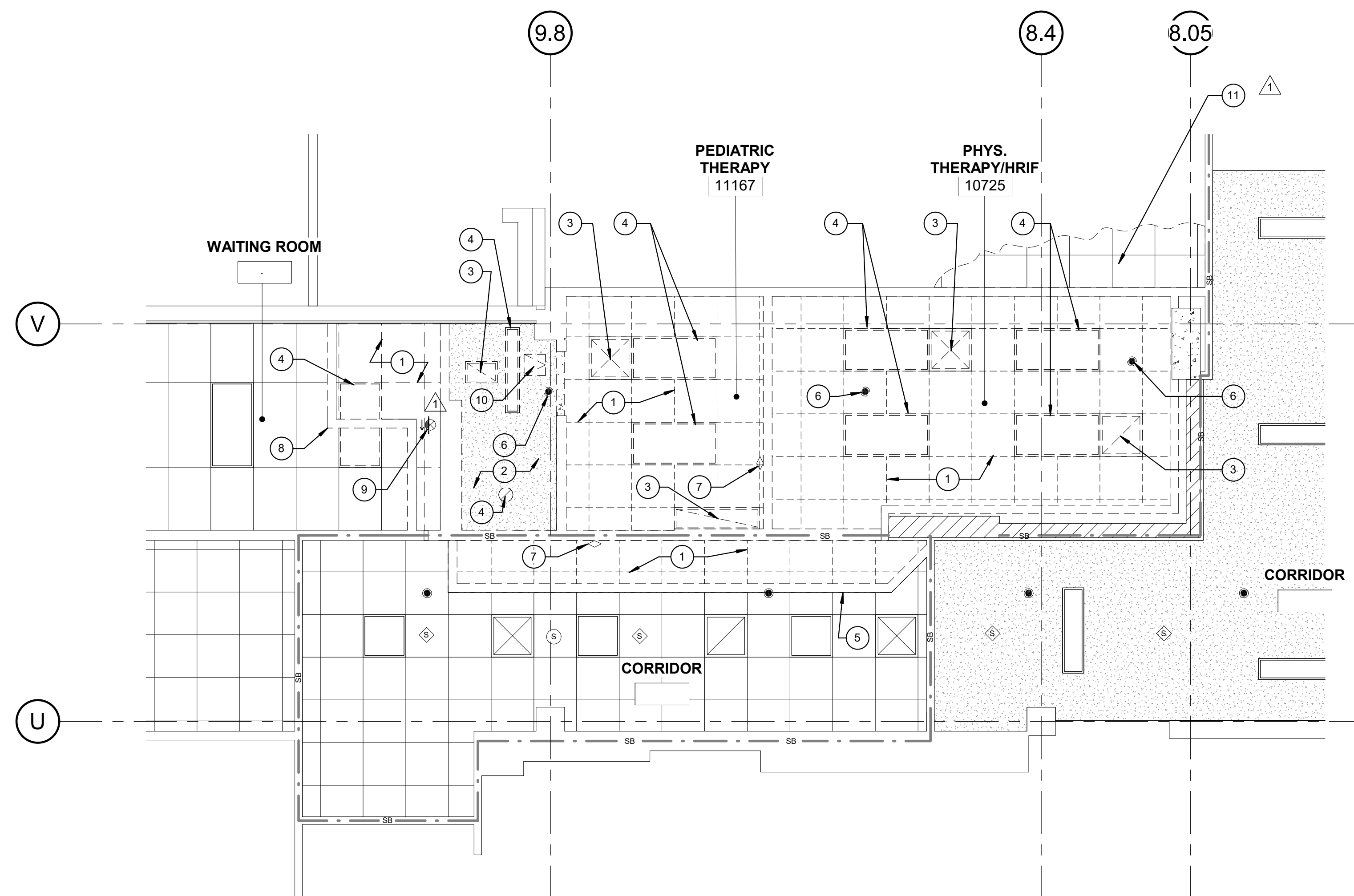
- 1 REMOVE EXISTING 2' X 2' ACT CEILING.
- 2 REMOVE EXISTING GYPSUM BOARD CEILING.
- 3 REMOVE EXISTING MECHANICAL AIR REGISTER. REFER TO MECHANICAL DRAWINGS.
- 4 REMOVE EXISTING LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS.
- 5 TEMPORARY 1 HOUR RATED INFECTION CONTROL GYPSUM WALL BOARD PARTITION FORM FLOOR TO UNDER SIDE OF STRUCTURE ABOVE.
- 6 REMOVE EXISTING SPRINKLER HEAD.
- 7 EXISTING DOME LIGHT NURSE CALL TO BE REMOVED.
- 8 TEMPORARY INFECTION CONTROL GYPSUM WALL BOARD PARTITION FROM FLOOR TO UNDERSIDE OF STRUCTURE ABOVE.
- 9 REMOVE EXIT SIGN.
- 10 REMOVE CEILING ACCESS PANEL.
- 11 REMOVE CEILING GYP AND TILE AS NEEDED TO INSTALL NEW DUCTWORK.

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

**MATERIAL LEGEND:**

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



**1 RETAIL PHARMACY DEMOLITION RCP**  
1/4" = 1'-0" NORTH

# TCMC PHARMACY RETAIL ROOM

## TRI-CITY MEDICAL CENTER

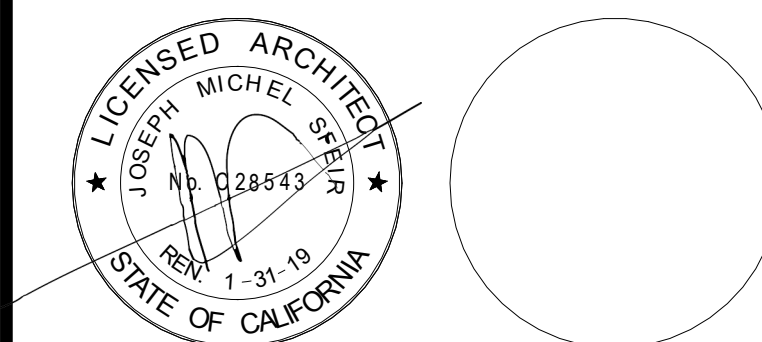
4002 VISTA WAY  
OCEANSIDE, CALIFORNIA  
92056

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, SUITE 230  
SAN DIEGO, CALIFORNIA 92123  
TEL(619)618-2347



REV.	DESCRIPTION	DATE
1	OSHPD COMMENTS	7/19/2017
2	DESIGN CHANGES	8/18/2017

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #: S171386-37-00

SHEET TITLE:  
1/4" PARTIAL NEW - RCP  
FIRST FLOOR PLAN

PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

PROJECT # 01641.00 SHEET NUMBER:  
DRAWN BY: Author  
CHECKED BY: Checker  
SCALE: As indicated  
DATE: 06/26/2017

A4-30

### RCP KEYNOTES:

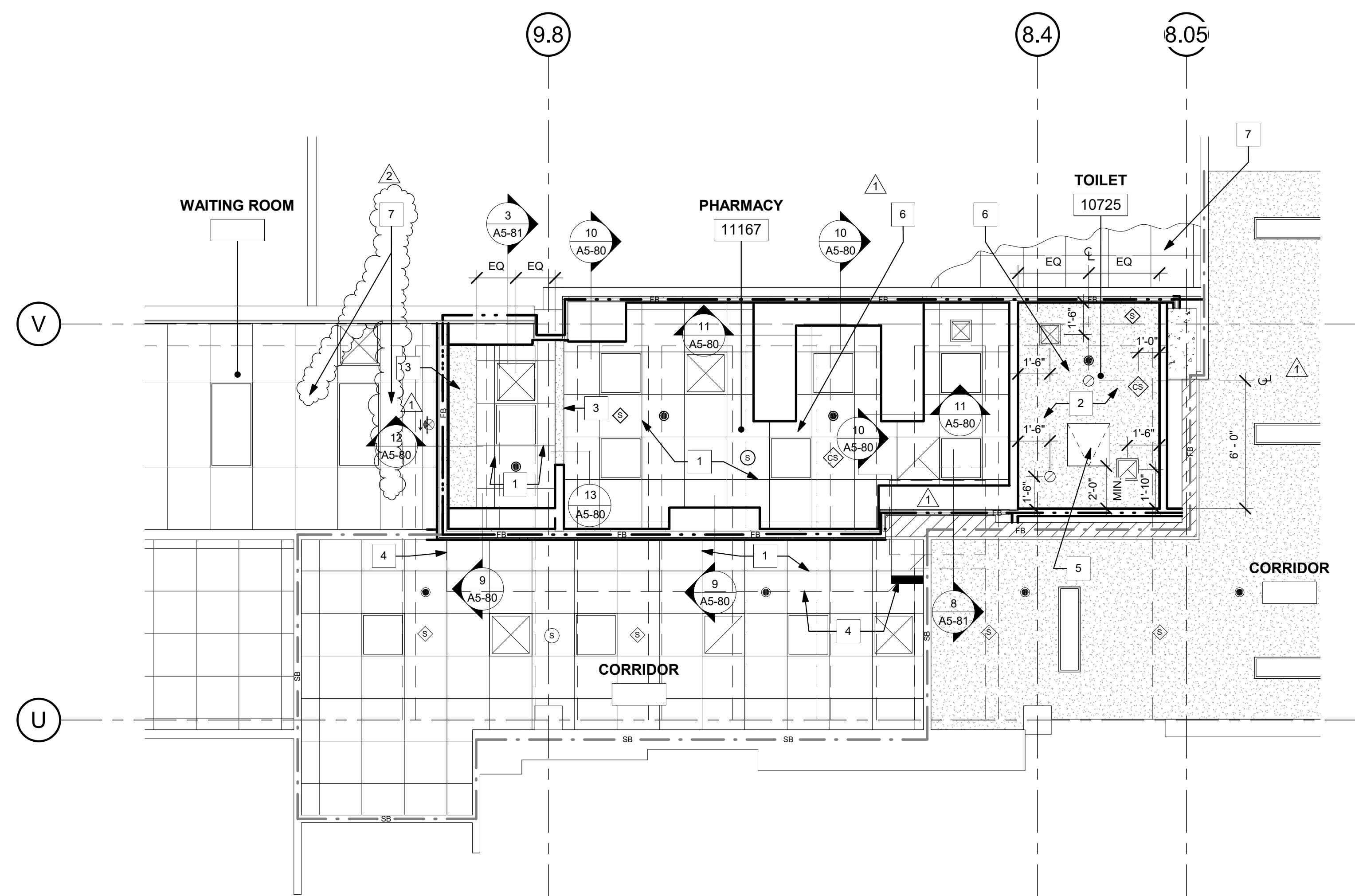
- 1 NEW 2X2 ACP CEILING.
- 2 NEW GB CEILING. REF DETAIL 14/A5-80
- 3 NEW GB SOFFIT. REF DETAIL 13/A5-80
- 4 LIMIT OF NEW CEILING
- 5 NEW NON-RATED ACCESS PANEL
- 6 CEILING IS NOT RATED. CONCRETE FLOOR ABOVE IS RATED 2 HOUR. REFER TO STRUCTURAL DETAIL 4/SD1 FOR MORE INFORMATION.
- 7 NEW CEILING GYP AND TILE TO MATCH EXISTING.

### 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. 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 FOR ANY POSSIBLE EMBEDDED CONDUITS, STRUCTURAL REBAR OR UNFORESEEN CONDITION THAT IS OUTSIDE THE SCOPE OF WORK AND MIGHT IMPEDE THE ANCHORING OF EQUIPMENT OR CONFLICT WITH TRENCHING PRIOR TO CONSTRUCTION.
6. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
7. CONTRACTOR STAGING TO BE IN THE ROOMS UNDER REMODEL.
8. CONTRACTOR PARKING TO BE IN CONTRACTOR DESIGNATED PARKING AREA.
9. THE CONTRACTOR SHALL ENSURE THAT THE AREA UNDER REMODEL IS LOCKED AND OTHERWISE SECURED AFTER HOURS.
10. CEILING HEIGHTS TO MATCH EXISTING UNLESS OTHERWISE NOTED (NOT LESS THAN 8'-0")
11. REFER TO SHEET A5-60 AND A5-70 FOR CEILING DETAILS.
12. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPES.
13. FIRE SPRINKLER HEAD LAYOUT MUST BE APPROVED BY ARCHITECT PRIOR TO INSTALLATION. ALL EXPOSED SPRINKLER HEAD COMPONENTS SHALL BE WHITE.
14. REPLACE EXISTING LENSES FOR 2X2 AND 2X4 LIGHT FIXTURES.
15. REPLACE ALL GRILLES, DIFFUSERS AND REGISTERS WITH NEW.

### MATERIAL LEGEND:

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



1 RETAIL PHARMACY NEW RCP  
1/4" = 1'-0" NORTH



# TCMC PHARMACY RETAIL ROOM

## TRI-CITY MEDICAL CENTER

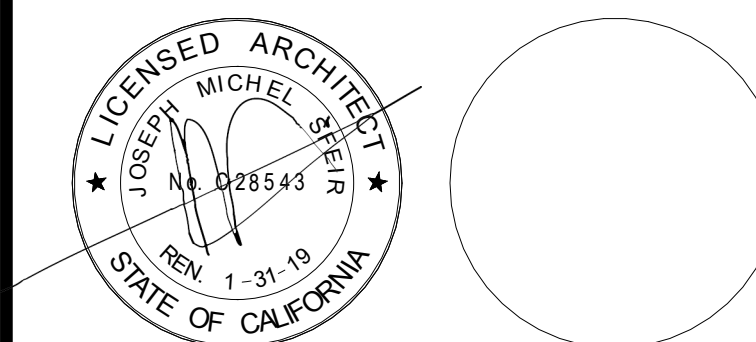
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1	OSHPD COMMENTS	7/19/2017
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REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #: S171386-37-00

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

PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

PROJECT #:  
01641.00

DRAWN BY:  
Author

CHECKED BY:  
Checker

SCALE:  
As indicated

DATE:  
06/26/2017

# A4-40

### 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
D100G24	A	18"
— CASE WIDTH (INCHES) (- = AS REQ'D)	B	24"
— CASE HEIGHT	C	27"
— CASE TYPE (REFER TO W.I.C.)	D	30"
SPECIAL PREFIX	E	30"
D = DOUBLE	F	33"
M = MODIFY	G	36"
TASK24 = 24" TASK LIGHT MODULE	H	39"
TASK36 = 36" TASK LIGHT MODULE	J	42"
TASK48 = 48" TASK LIGHT MODULE	K	48"
FTPED = SINK FOOT CONTROL PEDALS	L	54"
LOWER CASE: 24" DEEP U.O.N.	M	72"
UPPER CASE: 14" DEEP U.O.N.	N	80"
TALL CASE: 14" DEEP U.O.N.	P	86"
	Q	96"
	R	AS REQ'D.

### OUTLET DESCRIPTION

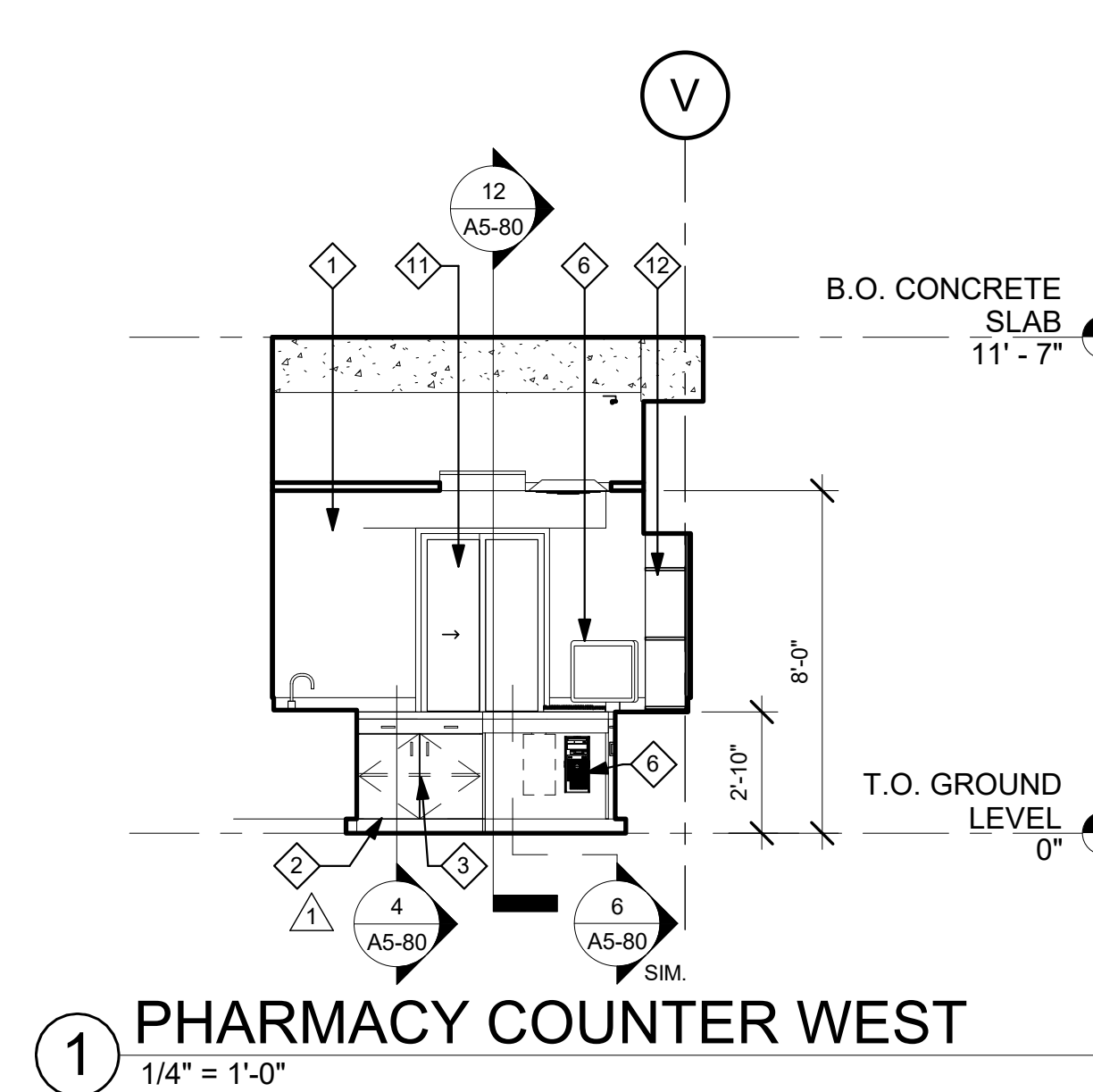
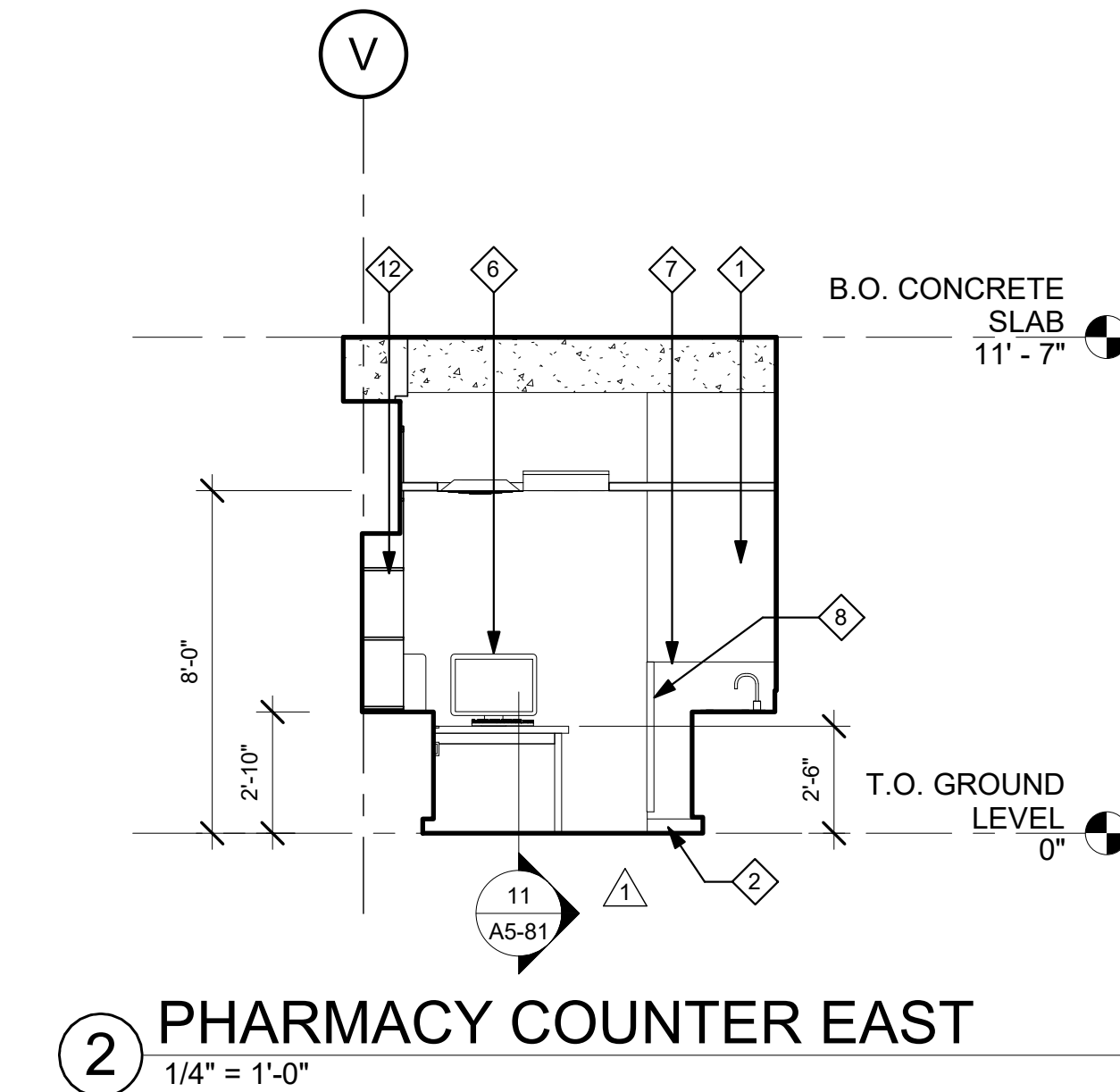
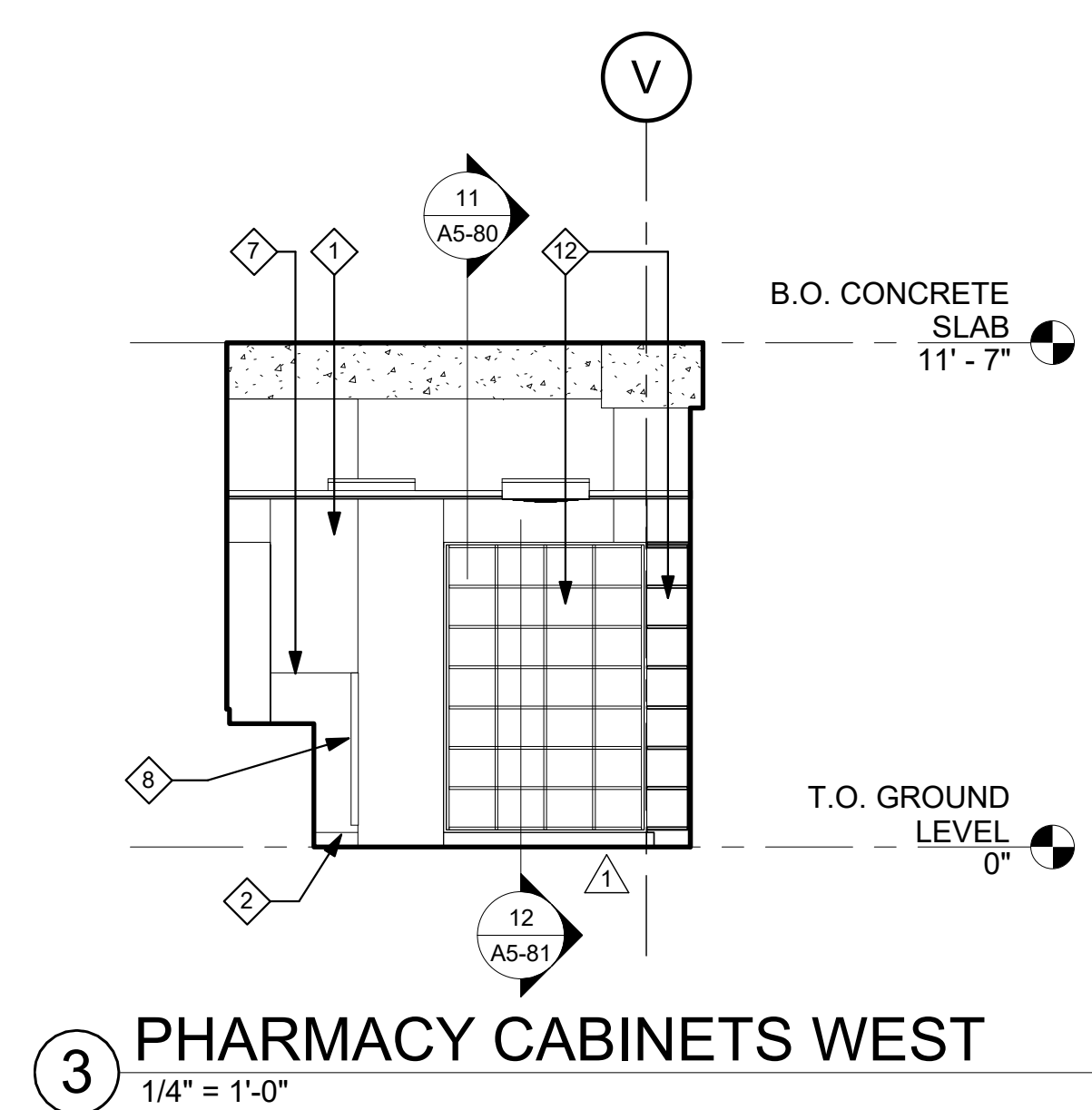
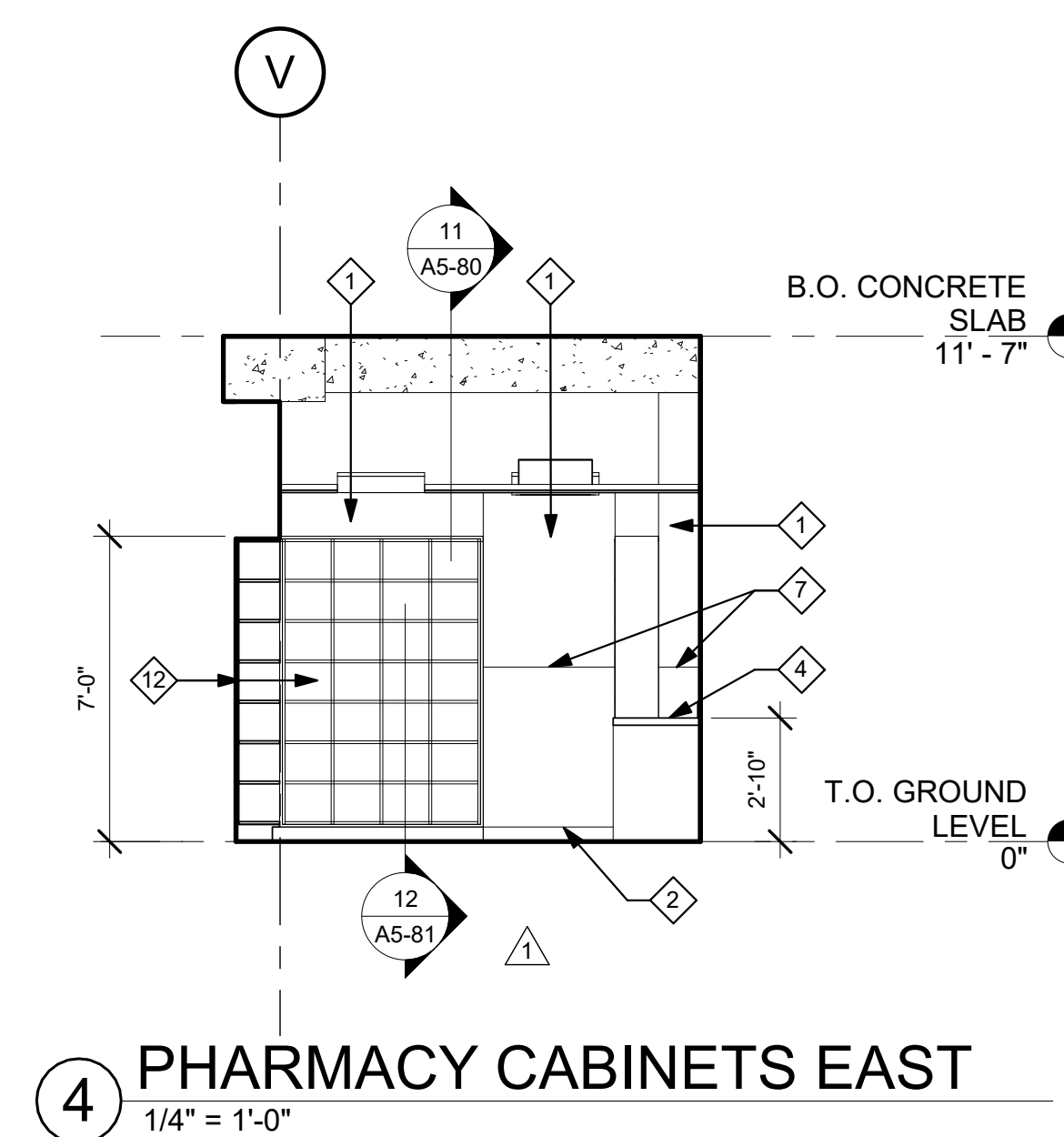
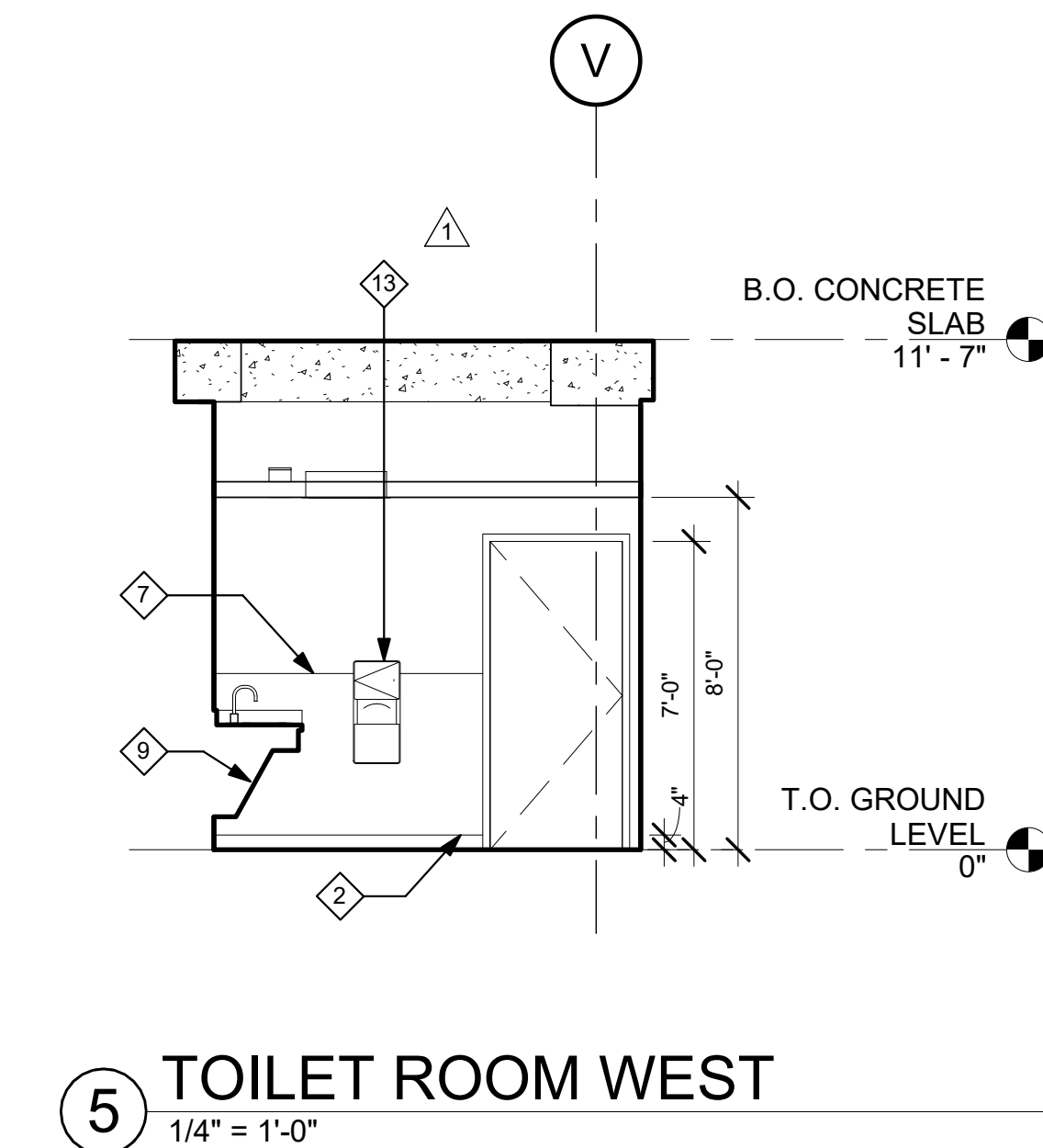
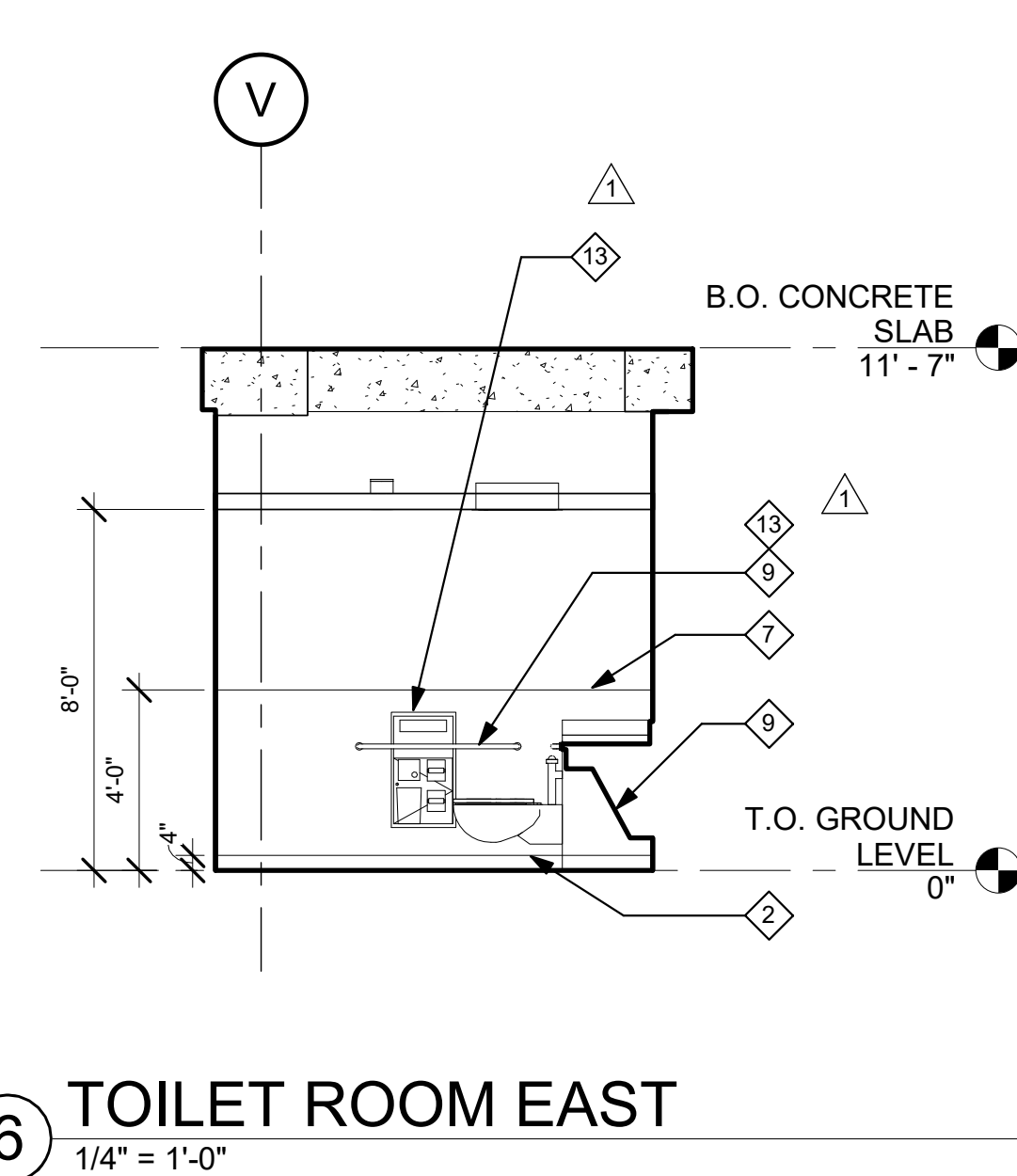
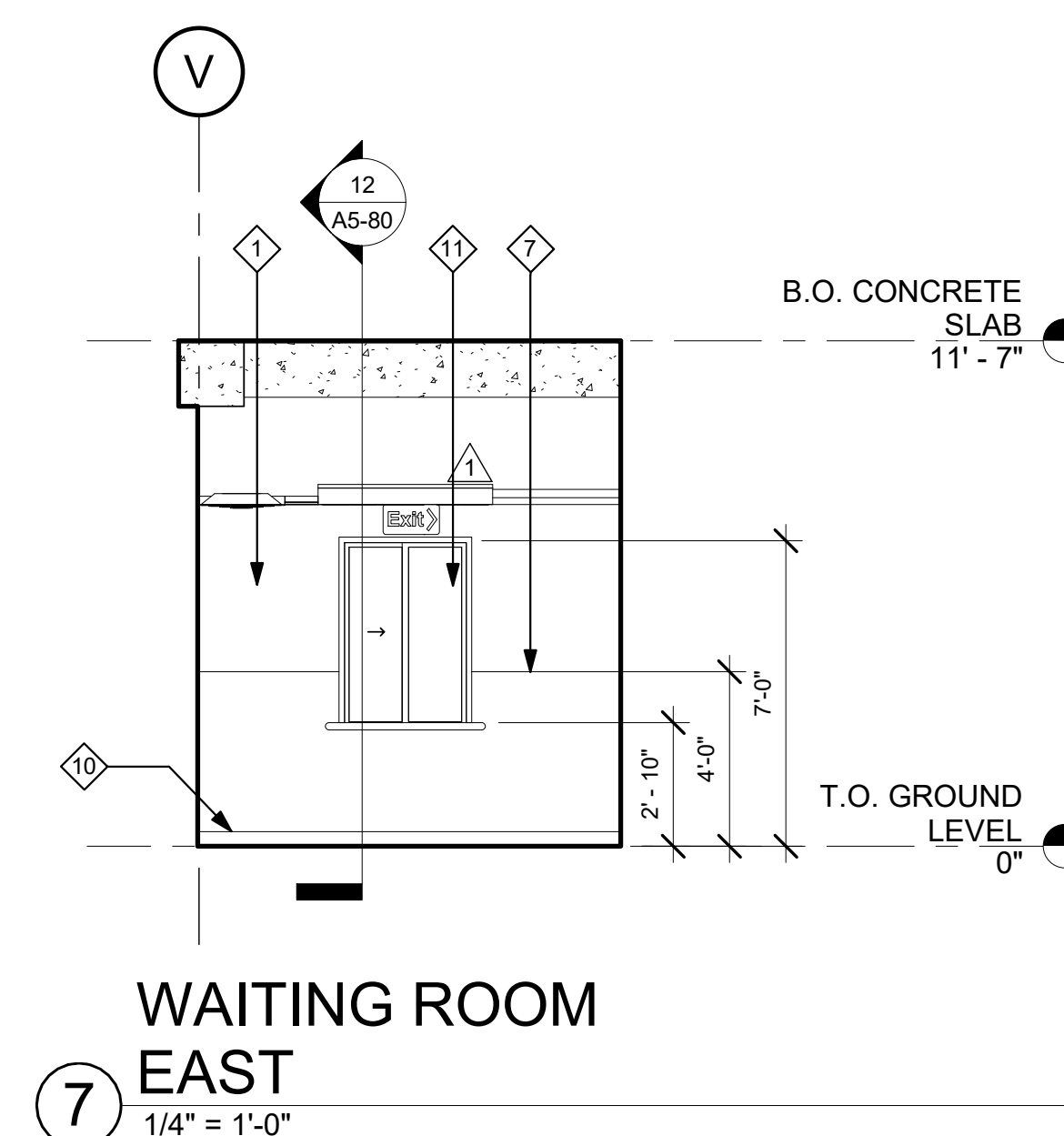
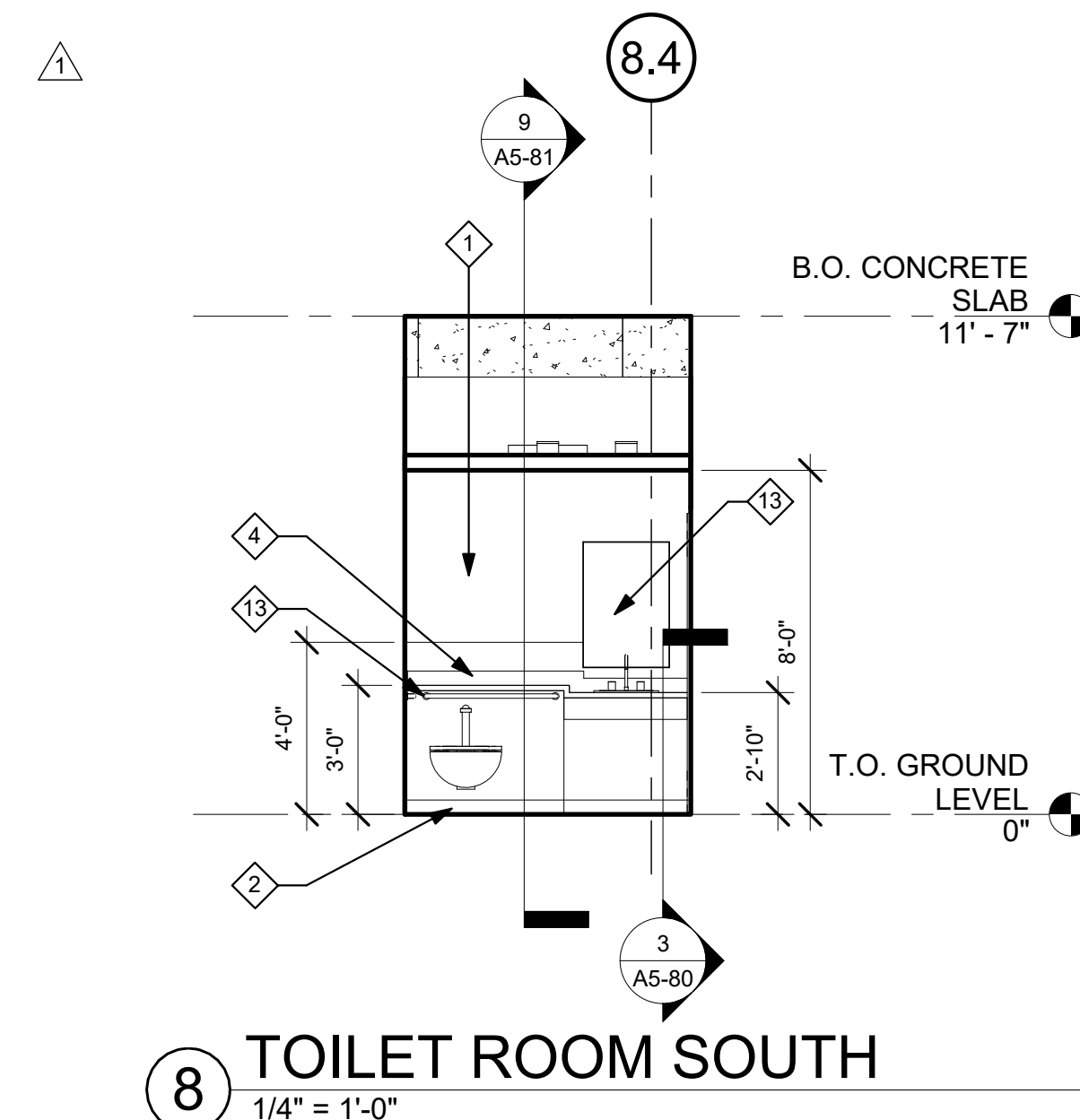
A - MEDICAL COMPRESSED AIR	N - NURSE CALL
C - CODE BLUE	NO - NITROUS OXIDE
D - DATA	O - OXYGEN
DP - DICTAPHONE	PS - NURSE CALL PULL STATION
DS - DIMMER SWITCH	S - SWITCH
E - DUPLEX ELECT. OUTLET	T - TELEPHONE
F - FAX MACHINE	TL - TASK LIGHT
IC - INTERCOM	TV - TELEVISION
J - JUNCTION BOX	V - VACUUM
	VC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

### GENERAL NOTES:

- 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 4" 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 X ON SHEET S-X FOR FURTHER INFO.
- REFER TO DETAILS 1 & 2 ON SHEET A5-80 FOR WALL CABINET ANCHORAGE/ BACKING TRACK CONNECTION.
- GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS OF ROUGH OPENINGS AND COORDINATE WITH OWNER FOR ALL EQUIPMENT CLEARANCES PRIOR TO PREPARING SHOP DRAWINGS AND FABRICATION.

### ELEVATION KEYNOTES:

- 1 PRIME AND PAINT.
- 2 NEW 4" SHEET VINYL COVE BASE.
- 3 NEW BASE CABINETS.
- 4 NEW SOLID SURFACE COUNTERTOP AND BACKSPLASH.
- 5 NEW LAVATORY. SEE PLUMBING DRAWINGS.
- 6 NEW EQUIPMENT. SEE EQUIPMENT SCHEDULE.
- 7 NEW 4'-0" HIGH ACROVYN WAINSCOT.
- 8 NEW 4'-0" HIGH CORNER GUARD, 2X2.
- 9 REFER TO SHEET A1-02 FOR COMPLIANCE CLEARANCES.
- 10 4" RUBBER BASE TO MATCH EXISTING.
- 11 ALUMINUM SLIDING TRANSACTION WINDOW.
- 12 NEW SHELF.
- 13 RESTROOM ACCESSORIES REFER TO 1/A1-02.



TCMC  
PHARMACY  
RETAIL ROOM

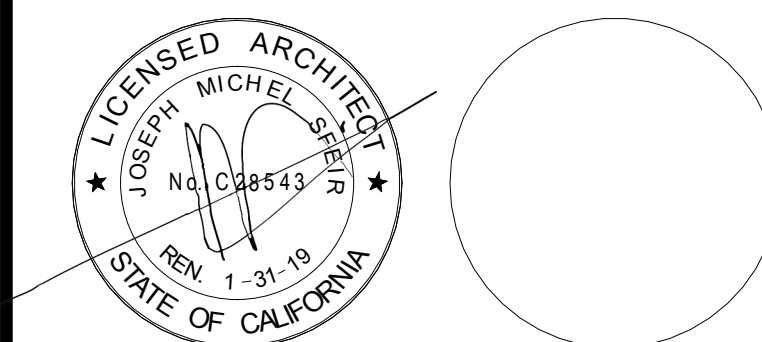
TRI-CITY MEDICAL  
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OSHPD COMMENTS	DATE
DESIGN CHANGES	8/18/2017

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #: S171386-37-00

SHEET TITLE:  
1/4" INTERIOR ELEVATIONS

PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

PROJECT # 01641.00 SHEET NUMBER:  
DRAWN BY: Author  
CHECKED BY: Checker  
SCALE: As indicated  
DATE: 06/26/2017

A4-41

GENERAL NOTES:

- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
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LEGEND:

- 11 REFER TO EQUIPMENT SCHEDULE.
- 12 NOTES

CASEWORK LEGEND:

CASE ID NUMBER	HEIGHT NUMBER	HEIGHT
D100024	A	18"
CASE WIDTH (INCHES) (L = AS REQ'D.)	B	24"
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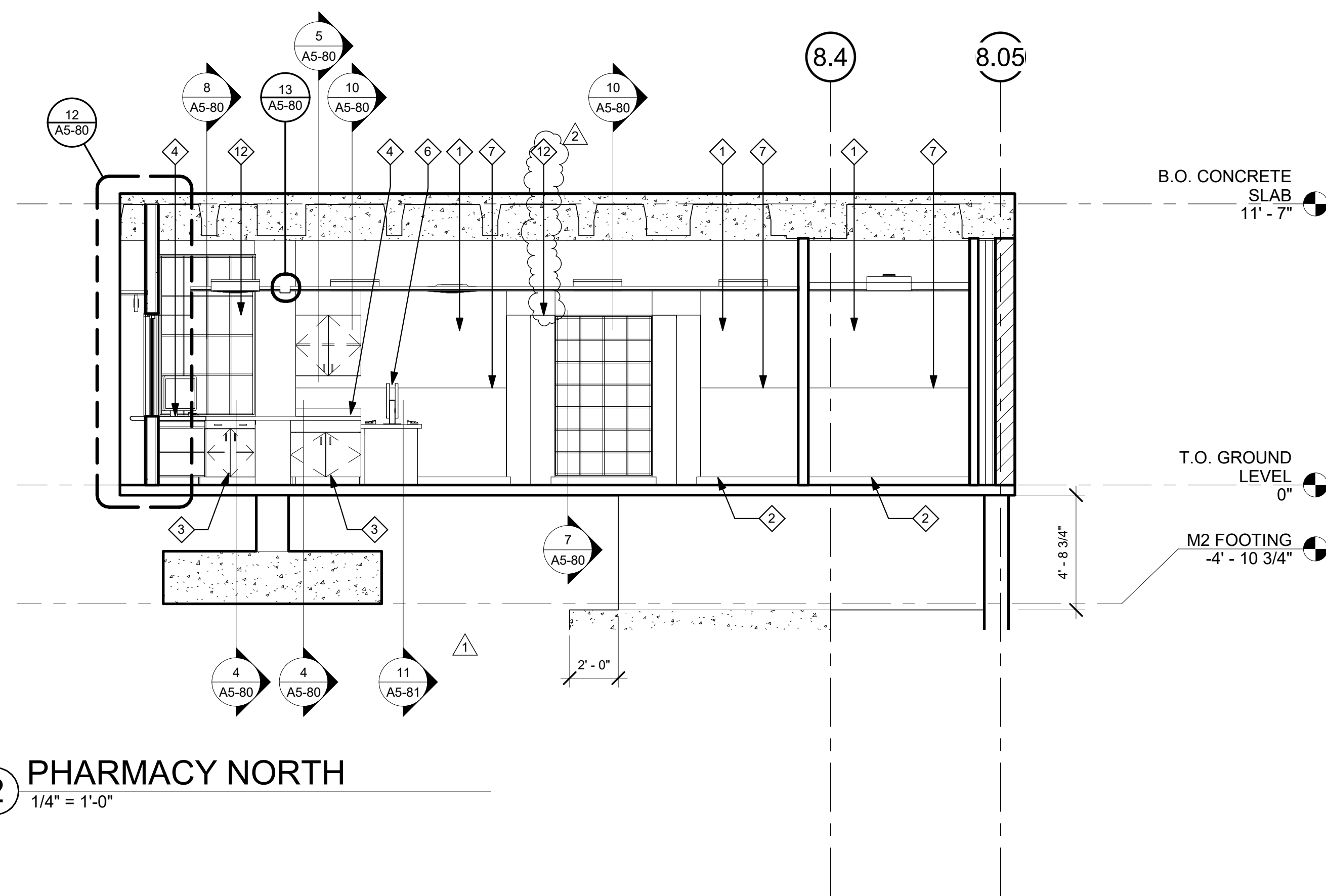
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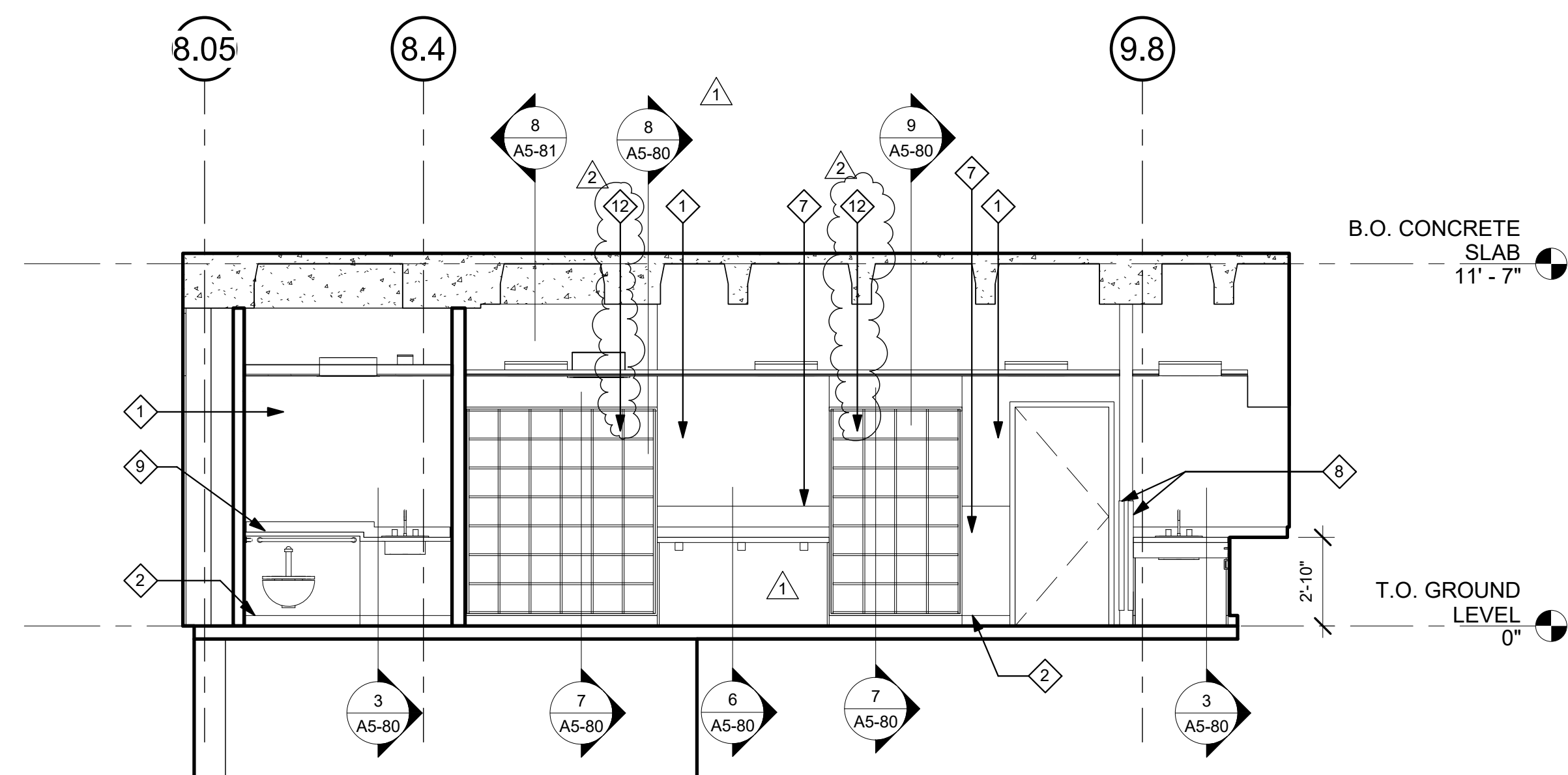
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ELEVATION KEYNOTES:

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- 12 NEW SHELF.
- 13 RESTROOM ACCESSORIES REFER TO 1/A1-02.



2 PHARMACY NORTH  
1/4" = 1'-0"



1 PHARMACY SOUTH  
1/4" = 1'-0"

**TCMC  
PHARMACY  
RETAIL ROOM**

**TRI-CITY MEDICAL  
CENTER**

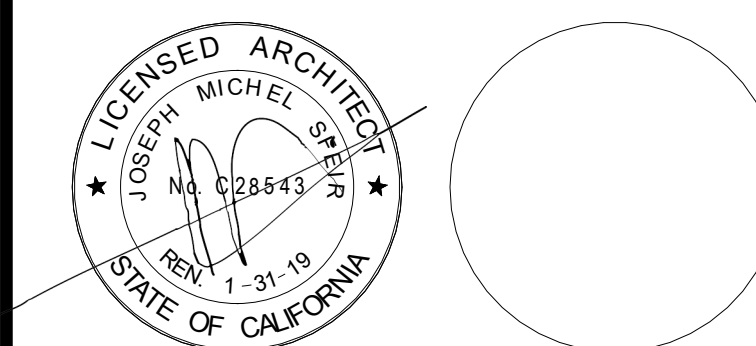
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OSHPD COMMENTS	DATE
DESIGN CHANGES	8/18/2017

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #: S171386-37-00

**TYPICAL RATED  
PARTITION ASSEMBLIES**

PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

PROJECT #:  
01641.00  
DRAWN BY:  
Author  
CHECKED BY:  
Checker  
SCALE:  
As indicated  
DATE:  
06/26/2017

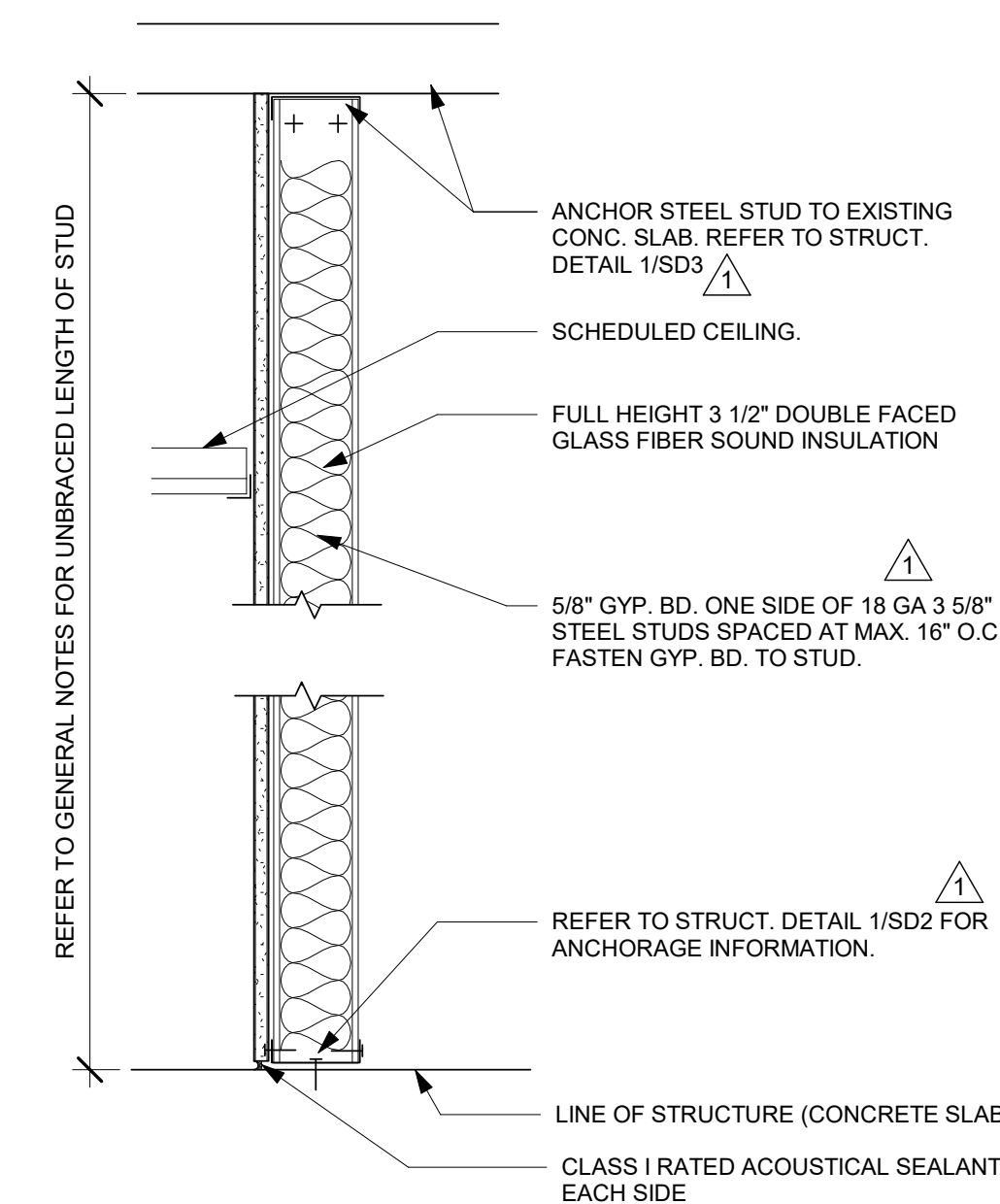
**A5-00**

**GENERAL NOTES:**

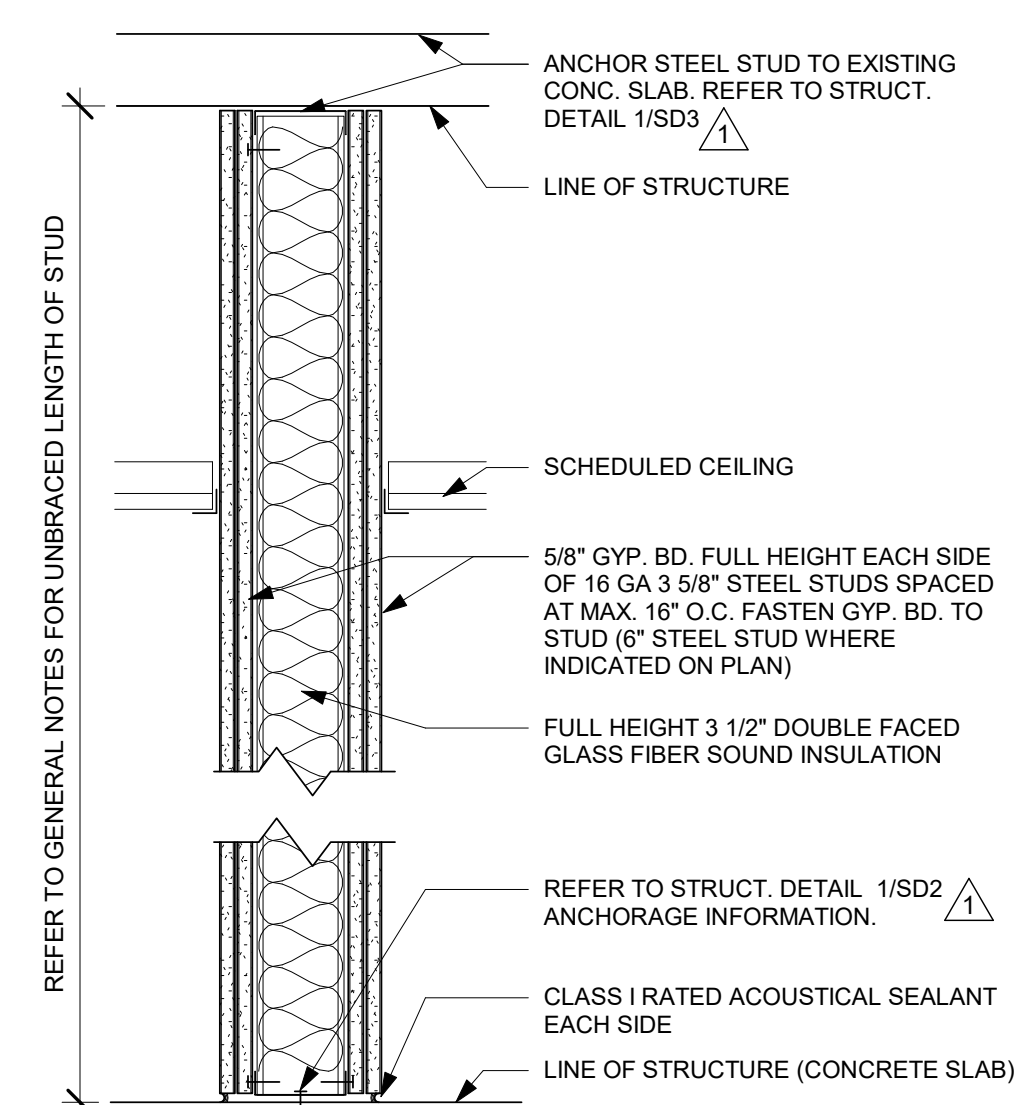
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**GENERAL NOTES FOR PARTITIONS:**

1. ALL GYP. BOARD SHALL BE TYPE "X". REFER TO FLOOR PLAN FOR LOCATION OF WALL TYPES.
  2. REFER TO THE INTERIOR DESIGN SHEET AND RELATED DETAILS FOR FINISHES REQUIRED AND TO THE MANUFACTURER FOR SURFACE PREP. REQUIREMENTS.
  3. REFER TO THE FLOOR PLAN, INTERIOR ELEVATIONS, DETAILS, MECHANICAL, PLUMBING, AND ELECTRICAL PLANS FOR WALL BACKING REQUIREMENTS AND IN WALL UTILITIES.
  4. ALL DOOR JAMBS AND OPENINGS SHALL BE DOUBLE STUDDED WITH 16 GA. STUDS EXTENDED TO STRUCTURE ABOVE REFER TO 4/A5-00 WHERE STUDS CANNOT EXTEND TO STRUCTURE ABOVE DUE TO OBSTRUCTIONS. BRACE PER DETAIL 5/A5-00 FRAME ALL OPENINGS PER HEADER DETAILS 5 AND 6 ON A6-00.
  5. 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.
  6. PROVIDE STEEL TRACK BACKING AT ALL WALL MOUNTED DOOR STOPS. REFER 10/S-1.
  7. ALL STUDS SUPPORTING WALL HUNG CABINETS SHALL BE MIN. 16 GA. STUDS SPACED AT 16" O.C. MAXIMUM. REFER TO DETAILS 05/A5-80 FOR REQUIRED BACKING MATERIAL AND CONNECTION.
  8. ALL RATED WALLS (FIRE AND SMOKE) SHALL BE CONSTRUCTED SO THAT SECONDARY WALLS DO NOT PENETRATE SYSTEM. ALL PENETRATIONS SHALL BE SEALED W/ UL LISTED FIRE STOP SEALANT, UL LISTED ASSEMBLIES OR APPROVED EQUAL.
  9. 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.
  10. 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.
  11. DOOR OPENINGS SHALL BE PROTECTED BY A U.L. LISTED (OR EQUAL) DOOR AND DOOR FRAME. ALL RATED DOORS SHALL BE POSITIVE LATCHING, AUTOMATIC CLOSING AND GASKETED TO PREVENT THE PASSAGE OF SMOKE. DOORS EQUIPPED WITH A HOLD OPEN DEVICE SHALL BE INTERCONNECTED TO THE FIRE ALARM WHICH SHALL CLOSE THE DOOR UPON ACTIVATION.
  12. COMPLY WITH THE FOLLOWING I.C.C. REPORTS:  
"CEMCO"- I.C.C. #ER-3403P (STUDS AND TRACKS)  
"ITW 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.



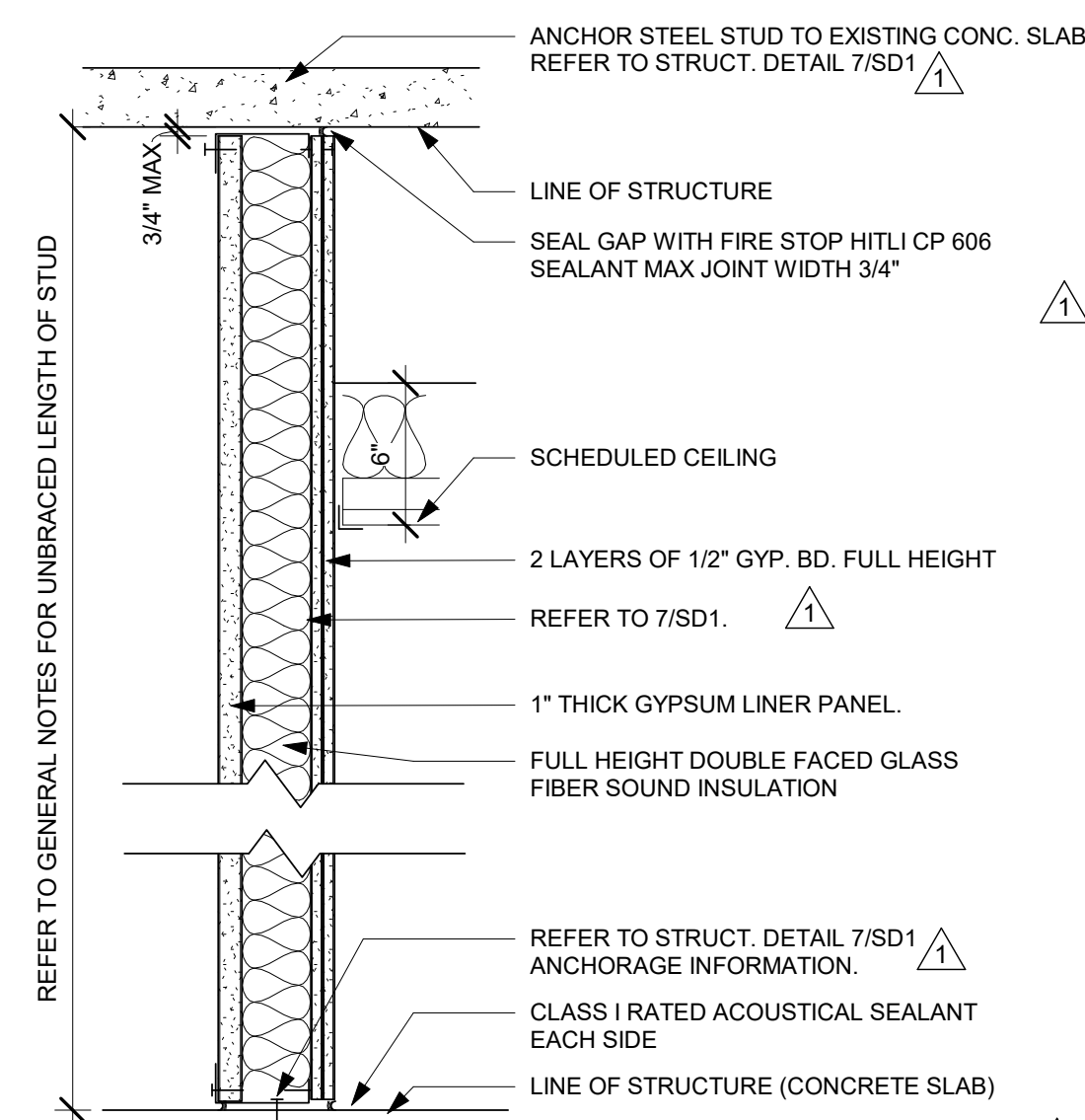
**4 WALL TYPE "D" - NOT RATED**  
1 1/2" = 1'-0"



2-HOUR RATED WALLS MUST COMPLY WITH UL DESIGN # U419.

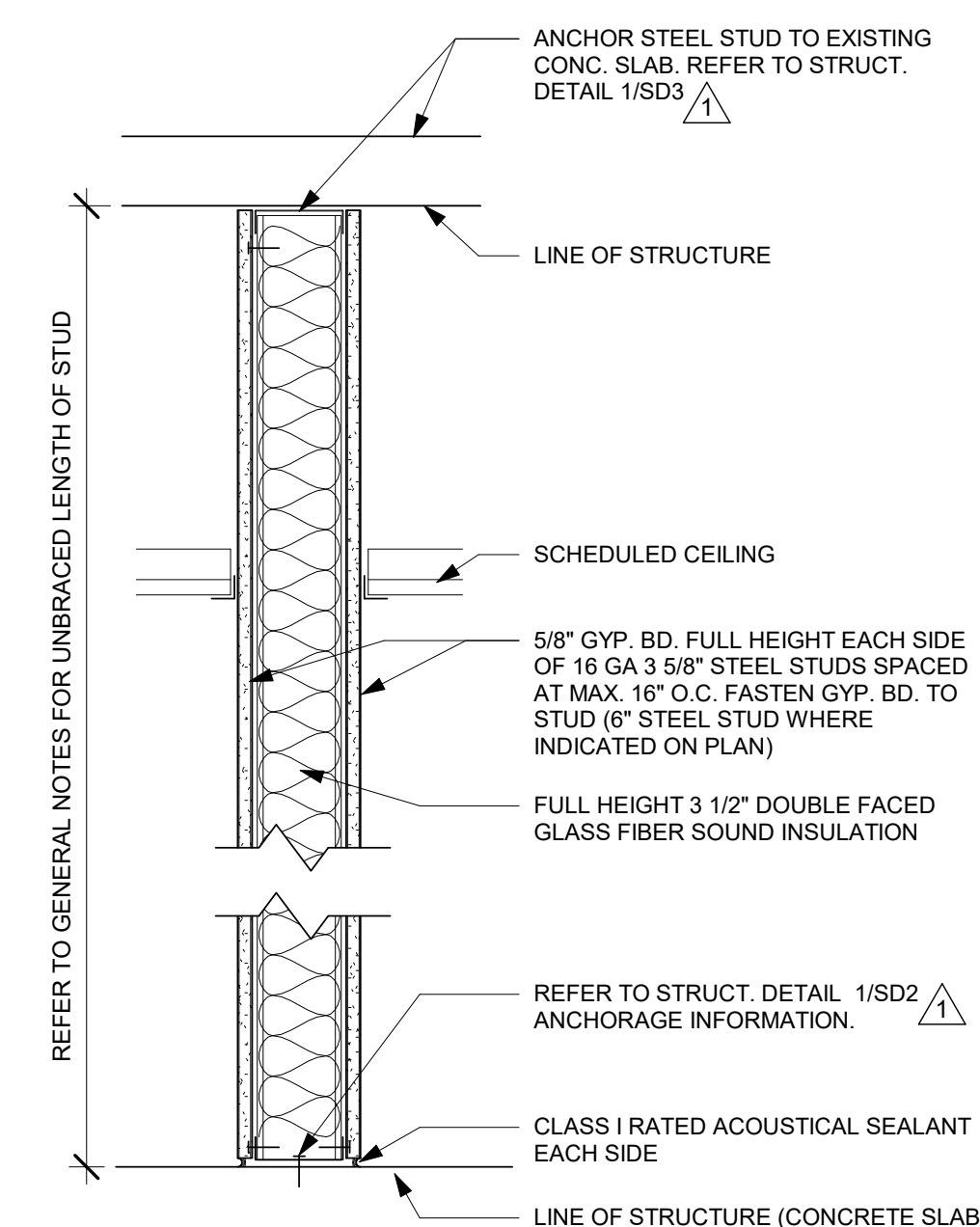
**3 WALL TYPES "C1", & "C2" - 2 HR RATED WALL**  
1 1/2" = 1'-0"

NOTES: C1: USE 3-5/8" 16 GAUGE STEEL STUDS  
C2: USE 4" 16 GAUGE STEEL STUDS



2-HOUR RATED SHAFT WALLS MUST COMPLY WITH UL DESIGN # U415.

**2 WALL TYPE "B" - 2 HR SHAFT WALL**  
1 1/2" = 1'-0"



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



TCMC  
PHARMACY  
RETAIL ROOM

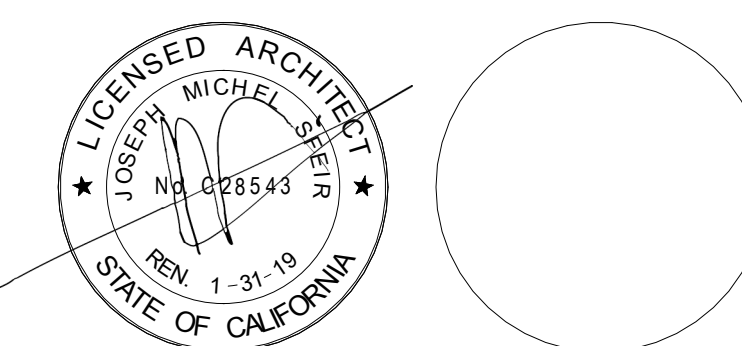
TRI-CITY MEDICAL  
CENTER  
4002 VISTA WAY  
OCEANSIDE, CALIFORNIA  
92056

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, SUITE 2301  
SAN DIEGO, CALIFORNIA 92123  
TEL:(619)618-2347



REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #: S171386-37-00

SHEET TITLE:  
LAY IN CEILING DETAILS

PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

PROJECT #:  
01641.00

DRAWN BY:  
ASM

CHECKED BY:  
LA

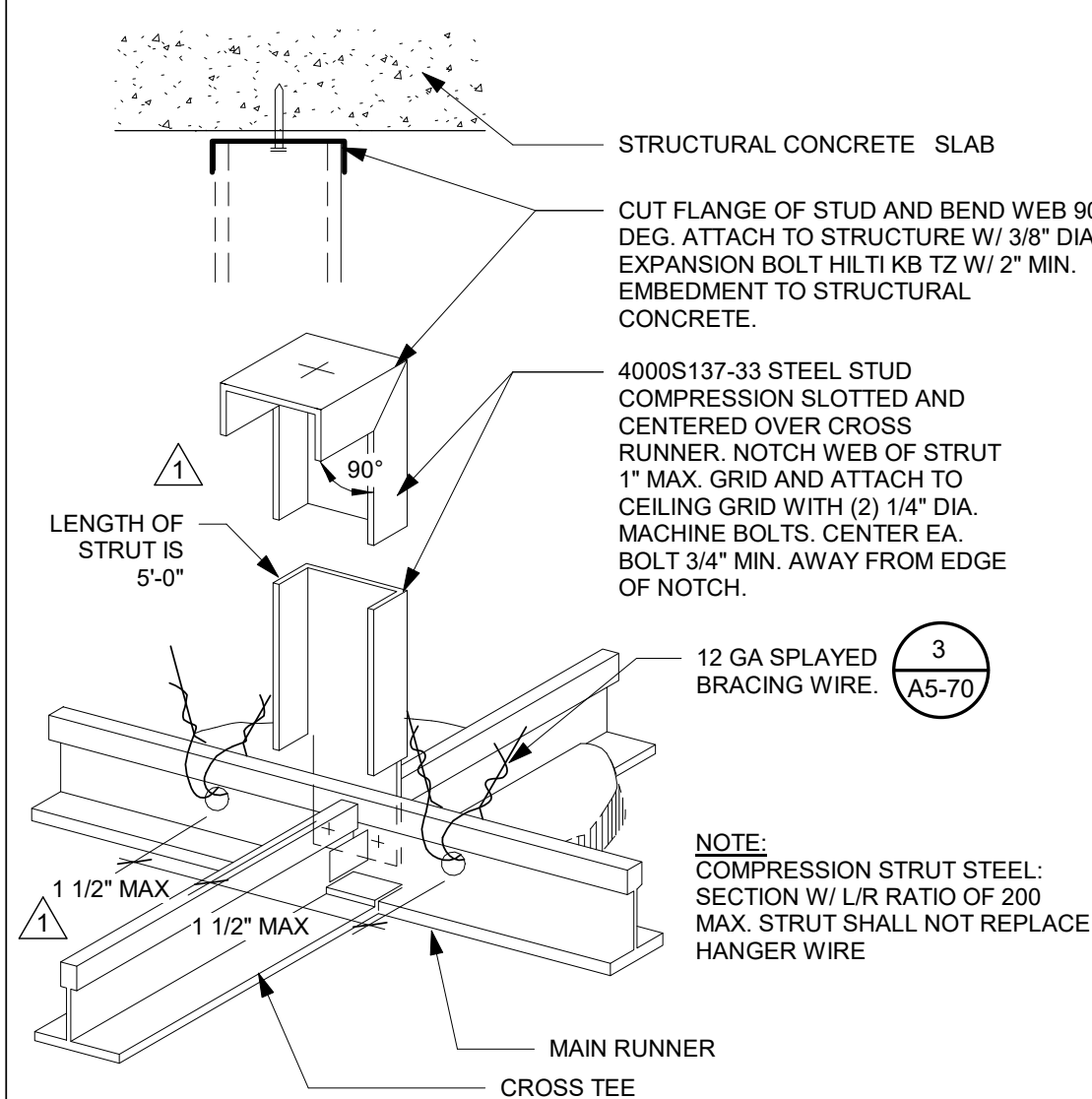
SCALE:  
As indicated

DATE:  
06/26/2017

A5-70

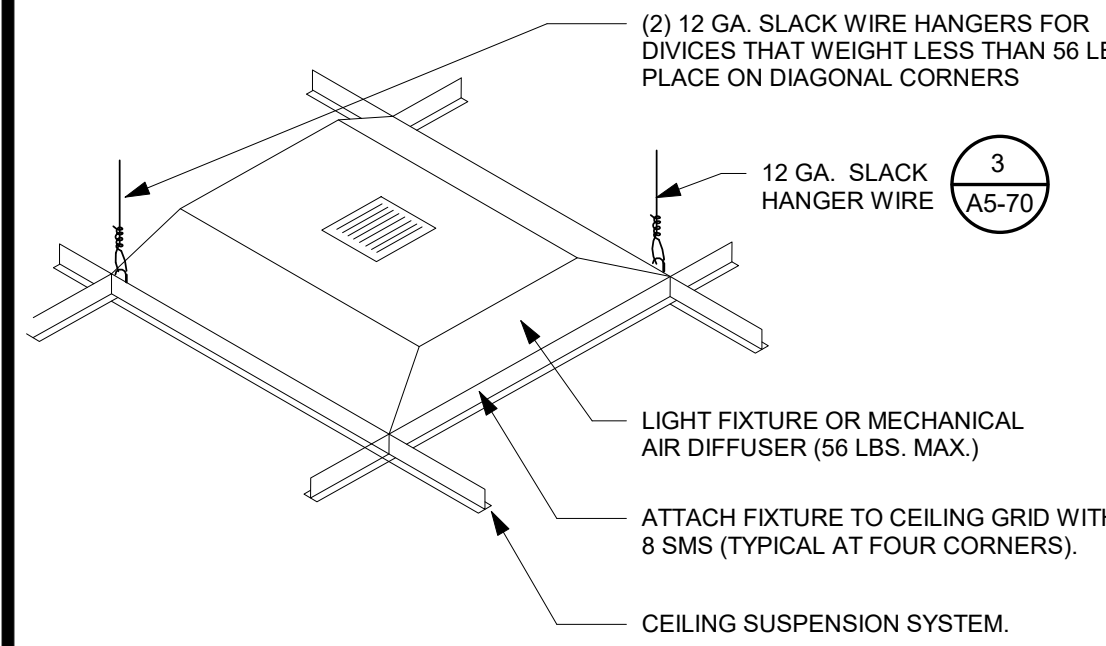
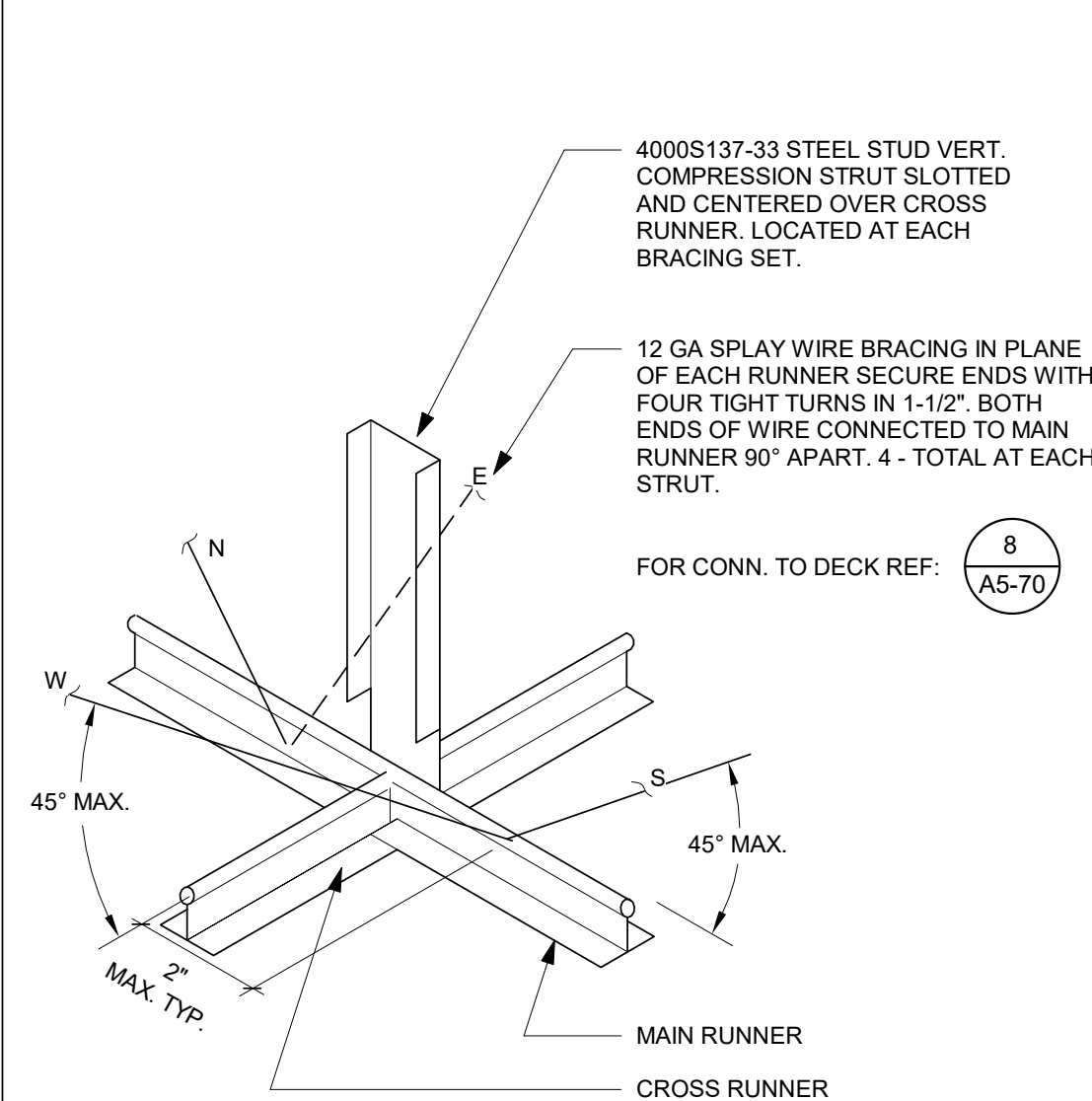
GENERAL NOTES LAY-IN  
CEILING:

- CONSTRUCTION, WORKMANSHIP AND MATERIAL SHALL CONFORM TO THE 2016 CALIFORNIA BUILDING STANDARDS CODE (CBCS 2016).
- THE CONTRACTOR SHALL NOTIFY OSHPD AND THE REGISTERED DESIGN PROFESSIONAL (RDP) IN RESPONSIBLE CHARGE WHERE A CONFLICT OR DISCREPANCY OCCURS BETWEEN THE CONSTRUCTION DRAWINGS AND ANY OTHER PORTION OF THE CONSTRUCTION DOCUMENTS, FIELD CONDITIONS, OR WHERE ANY CONDITIONS ARISE NOT COVERED BY THESE DOCUMENTS WHEREIN WORK WILL NOT COMPLY WITH CODE REQUIREMENTS.
- THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO CONSTRUCT THE HOSPITAL BUILDING IN ACCORDANCE WITH THE CALIFORNIA BUILDING STANDARD CODE, 2016 (CBCS 2016). SHOULD ANY CONDITION DEVELOP NOT COVERED BY THE APPROVED CONSTRUCTION DOCUMENTS WHEREIN THE WORK WILL NOT COMPLY WITH CBCS 2016, A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY OSHPD BEFORE PROCEEDING WITH THE WORK.
- GALVANIZED METAL STUDS, TRACKS AND SHEET STEEL SHALL CONFORM TO ASTM A653-11 MATERIAL, OR OTHER EQUIVALENT ASTM LISTED MATERIALS IN SECTION A2.1 OF THE AISI S100-7/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 B18.6.4-98 (R2005) AND ICC-ES AC 118. PENETRATION OF SCREWS THROUGH JOINT MATERIAL SHALL NOT BE LESS THAN THREE EXPOSED THREADS.
  - WELDING SHALL BE IN ACCORDANCE WITH AWS D1.3 USING E60XX SERIES ELECTRODES. FIELD WELDING SHALL HAVE SPECIAL INSPECTION IN ACCORDANCE WITH 2016 CBC SECTION 1705A.2.
  - POST-INSTALLED ANCHORS (E.G. EXPANSION ANCHORS, SCREW ANCHORS AND POWER ACTUATED FASTENERS) SHALL HAVE SPECIAL INSPECTION AND TESTING IN ACCORDANCE WITH THE 2016 CBC SECTIONS 1705A.3 & 1910A.7. FOR QUALIFICATION USE OF POST-INSTALLED ANCHORS IN CONCRETE SEE THE 2016 CBC SECTIONS 1616A.1.19 AND 1908A.1.1 LISTING OF CURRENT ICC-ES EVALUATION REPORTS (OR REPORTS FROM OTHER TESTING AGENCIES ACCEPTABLE TO OSHPD) SHALL BE REQUIRED FOR FASTENER USE.
  - POWER-ACTUATED FASTENERS (PAF), POWDER DRIVEN FASTENERS (PDF), POWER DRIVEN PINS (PDP) AND SHOT PINS ALL REPRESENT THE SAME FASTENER AND WILL HEREAFTER BE REFERRED TO AS POWER ACTUATED FASTENERS (PAF). PAF'S SHALL SATISFY THE CURRENT AC708-ACCEPTANCE CRITERIA FOR FASTENERS POWER-DRIVEN INTO CONCRETE, STEEL AND MASONRY ELEMENTS AND THE 2016 CBC SECTION 1908A.1.1 LISTING OF CURRENT ICC-ES EVALUATION REPORTS (OR REPORTS FROM OTHER TESTING AGENCIES ACCEPTABLE TO OSHPD) SHALL BE REQUIRED FOR FASTENERS 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: 2016 CALIFORNIA BUILDING CODE (2016 CBC), ASCE 7-10, AISI S100-07/S2-10, ASTM E580-11b, C635-12, AND C636-08. FOR LOAD COMBINATIONS, ALLOWABLE STRESS DESIGN SHALL BE IN ACCORDANCE WITH 2016 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 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 #16 GAGE WIRE WITH A POSITIVE MECHANICAL CONNECTION TO RUNNER MAY BE USED, WHERE THE PERPENDICULAR DISTANCE FROM THE WALL TO THE FIRST PARALLEL RUNNER IS EIGHT (8) INCHES OR LESS, THIS INTERCONNECTION IS NOT REQUIRED.
- EXPANSION JOINTS, SEISMIC SEPARATIONS, AND PENETRATIONS:



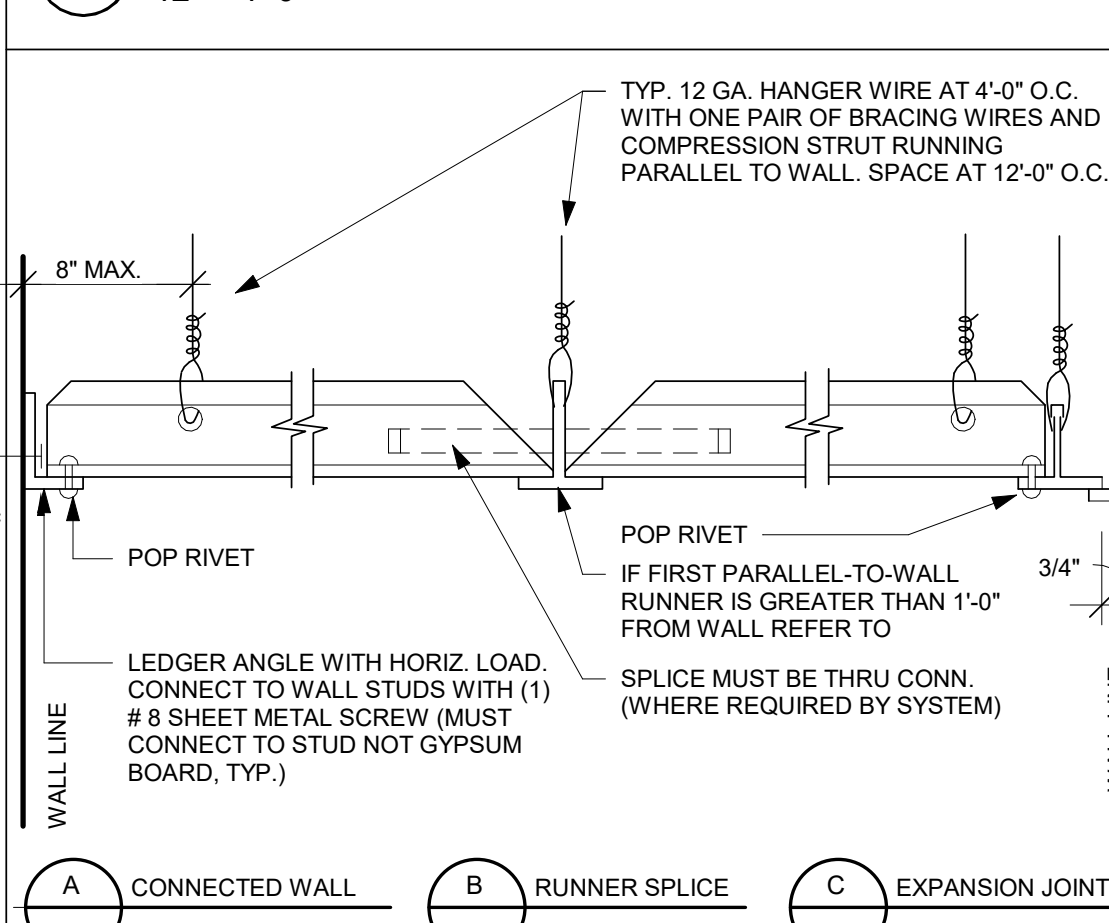
8 VERTICAL COMPRESSION STRUT  
12" = 1'-0"

7 SWAY BRACE CONNECTION - LAY IN CEILING  
12" = 1'-0"

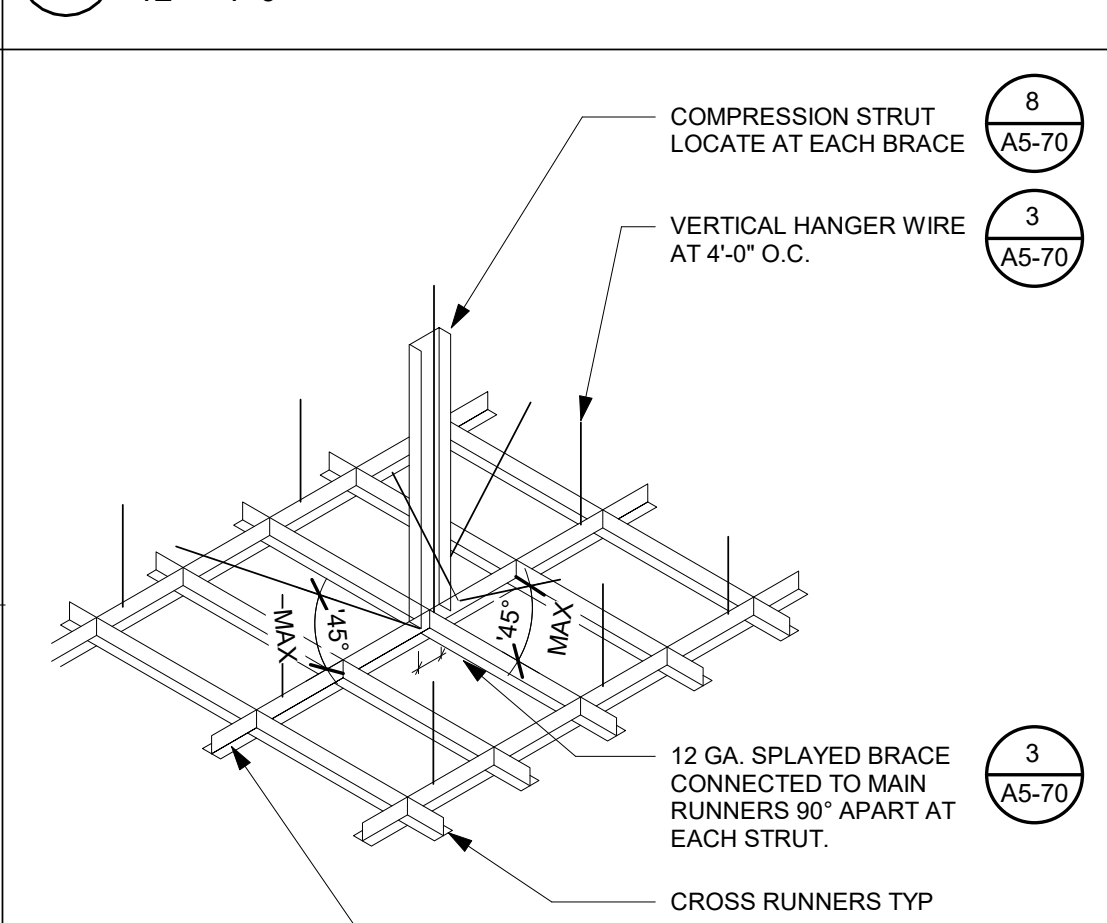


NOTES:  
FIXTURES WEIGHING LESS THAN OR EQUAL TO 10 lbs SHALL HAVE ONE NO. 12 GA. SAFETY WIRE CONNECTED FROM FIXTURE HOUSING TO STRUCTURE ABOVE. IT IS NOT NECESSARY FOR THESE SAFETY WIRES TO BE TAUT.  
FIXTURES WEIGHING GREATER THAN 10 lbs BUT LESS THAN OR EQUAL TO 56 lbs SHALL HAVE TWO NO. 12GA. SAFETY WIRE CONNECTED FROM FIXTURE HOUSING TO STRUCTURE ABOVE. IT IS NOT NECESSARY FOR THESE SAFETY WIRES TO BE TAUT.  
FIXTURES OVER 56 lbs. SHALL BE SUPPORTED DIRECTLY FROM STRUCTURE ABOVE BY APPROVED HANGERS.

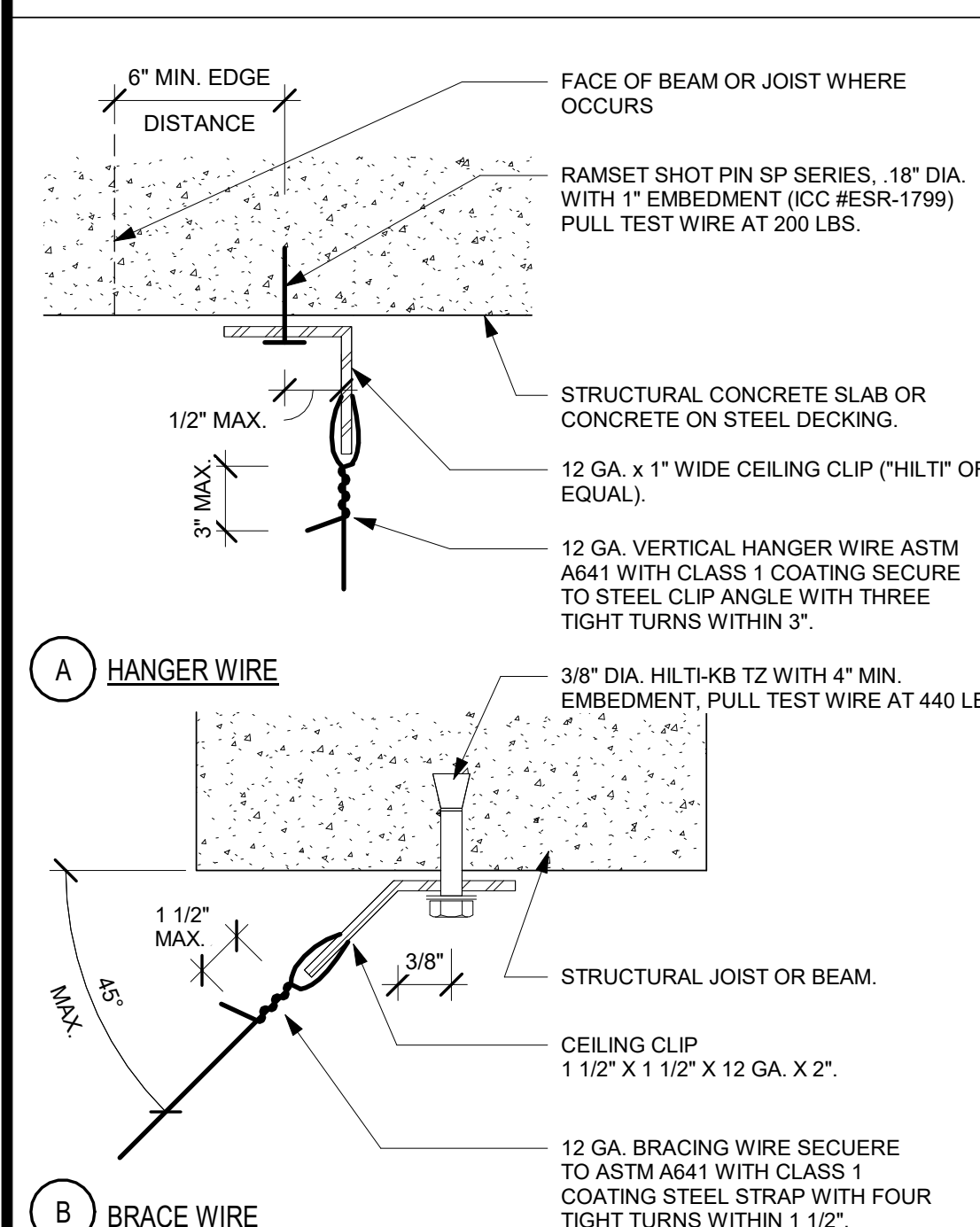
6 FIXTURE SUSPENSION  
12" = 1'-0"



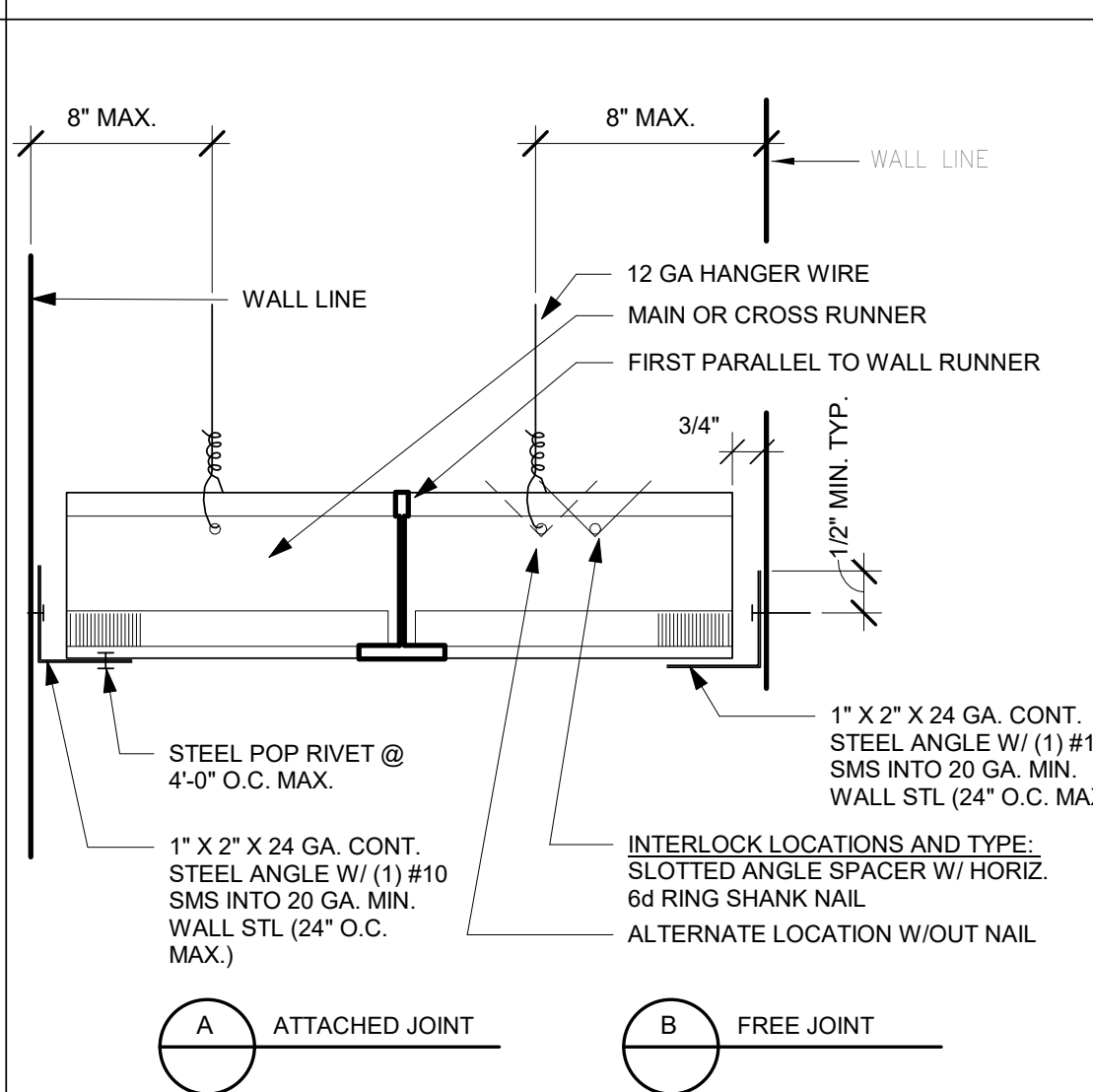
5 SECT. ACROSS COORIDOR AT EXP. JT.  
12" = 1'-0"



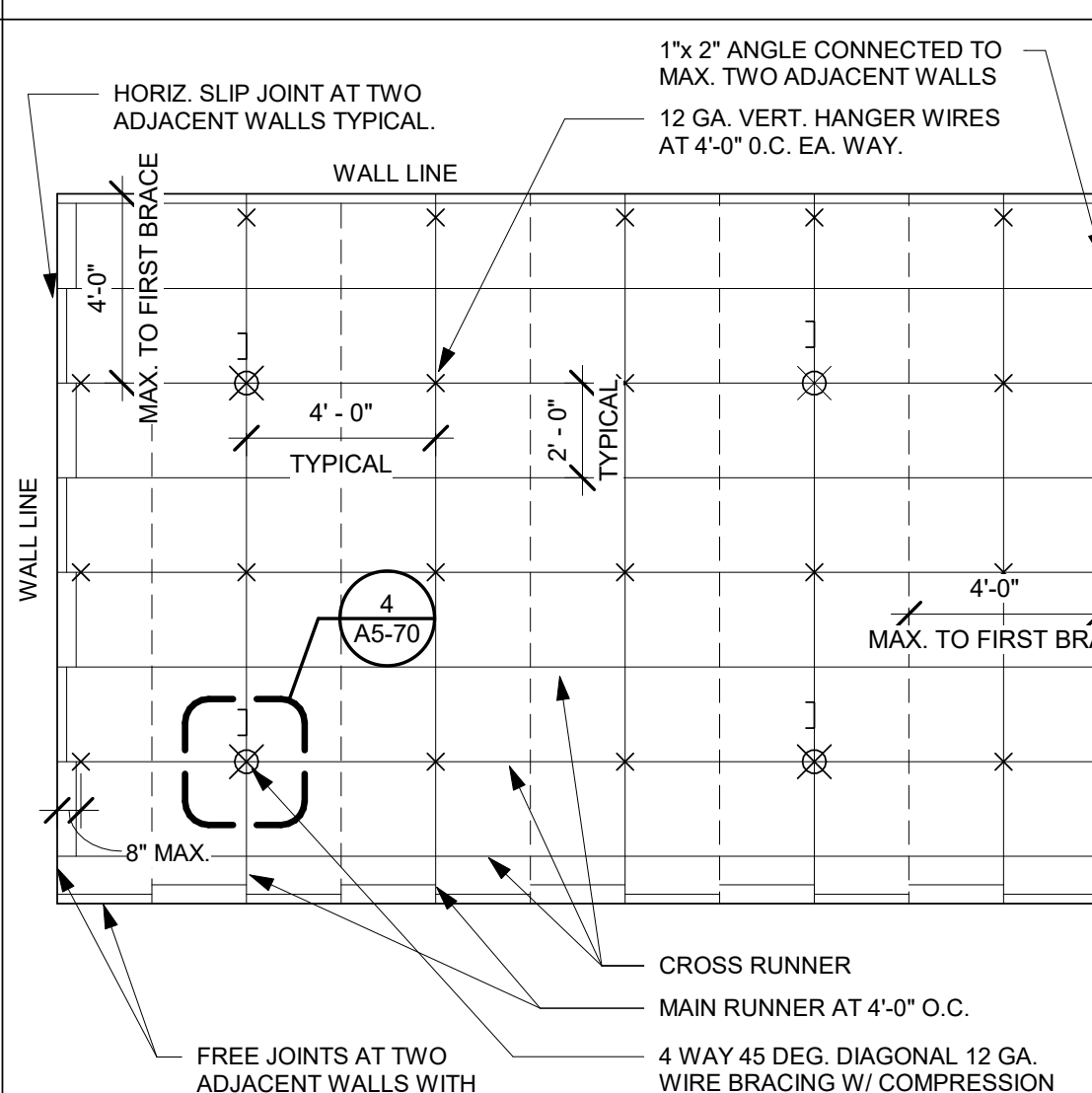
4 CEILING GRID ATTACHMENT - LAY IN PANEL CEILING  
12" = 1'-0"



3 SUSPENSION WIRE CONNECTION @ CONC. DECK  
12" = 1'-0"



2 HORIZONTAL SLIP JOINT  
12" = 1'-0"



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



**TCMC  
PHARMACY  
RETAIL ROOM**

**TRI-CITY MEDICAL  
CENTER**

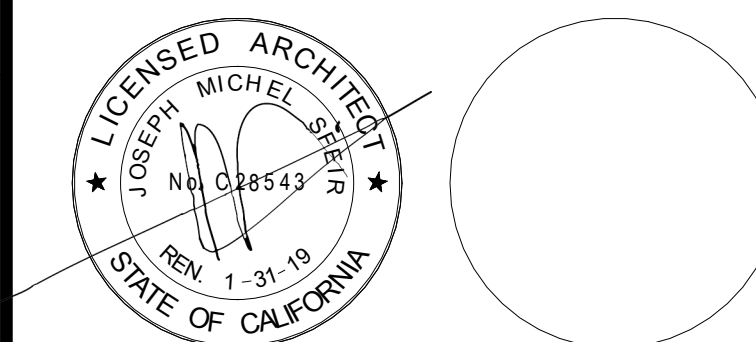
4002 VISTA WAY  
OCEANSIDE, CALIFORNIA  
92056

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

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CARLSBAD, CALIFORNIA 92011  
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ME&P: P2S  
9665 CHESAPEAKE, SUITE 2130  
SAN DIEGO, CALIFORNIA 92123  
TEL(619)618-2347



REV.	DESCRIPTION	DATE
1	OSHPD COMMENTS	7/19/2017
2	DESIGN CHANGES	8/18/2017

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #: S171386-37-00

**DETAILS**

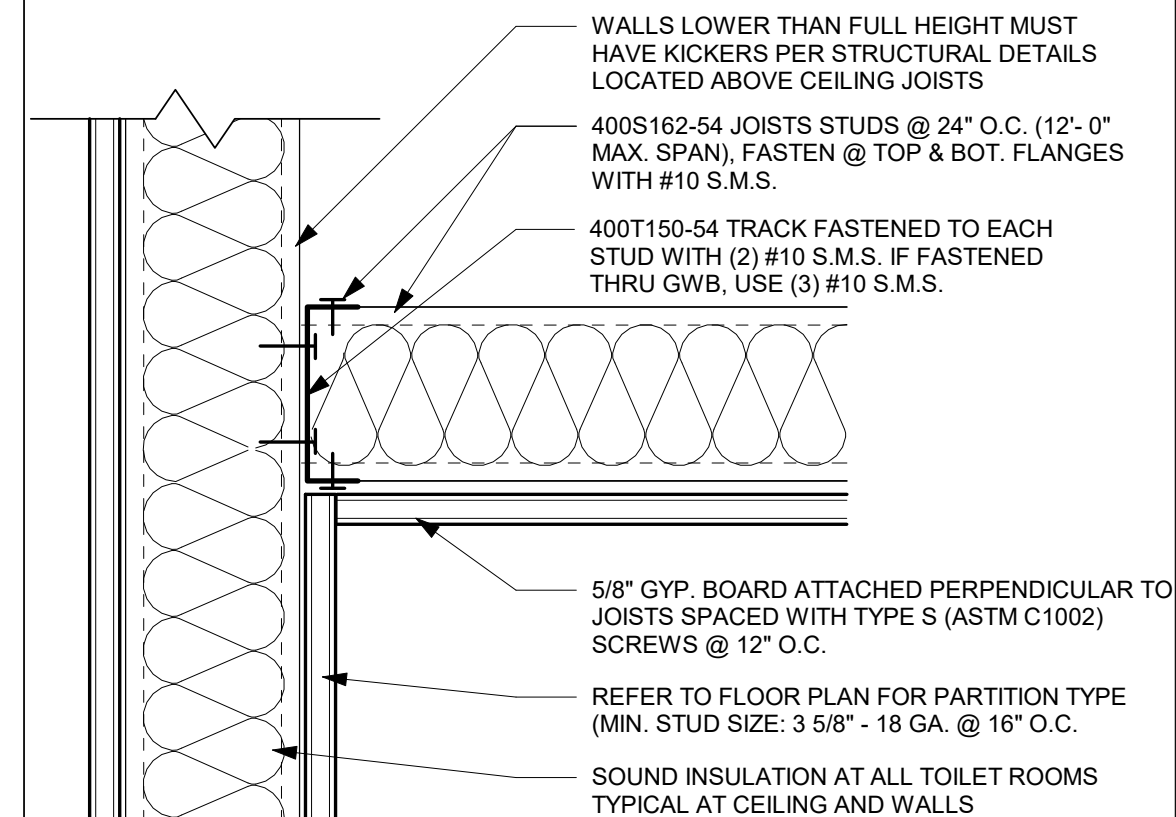
PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

PROJECT #:  
01641.00  
DRAWN BY:  
CHECKED BY:  
SCALE:  
As indicated  
DATE:  
06/26/2017

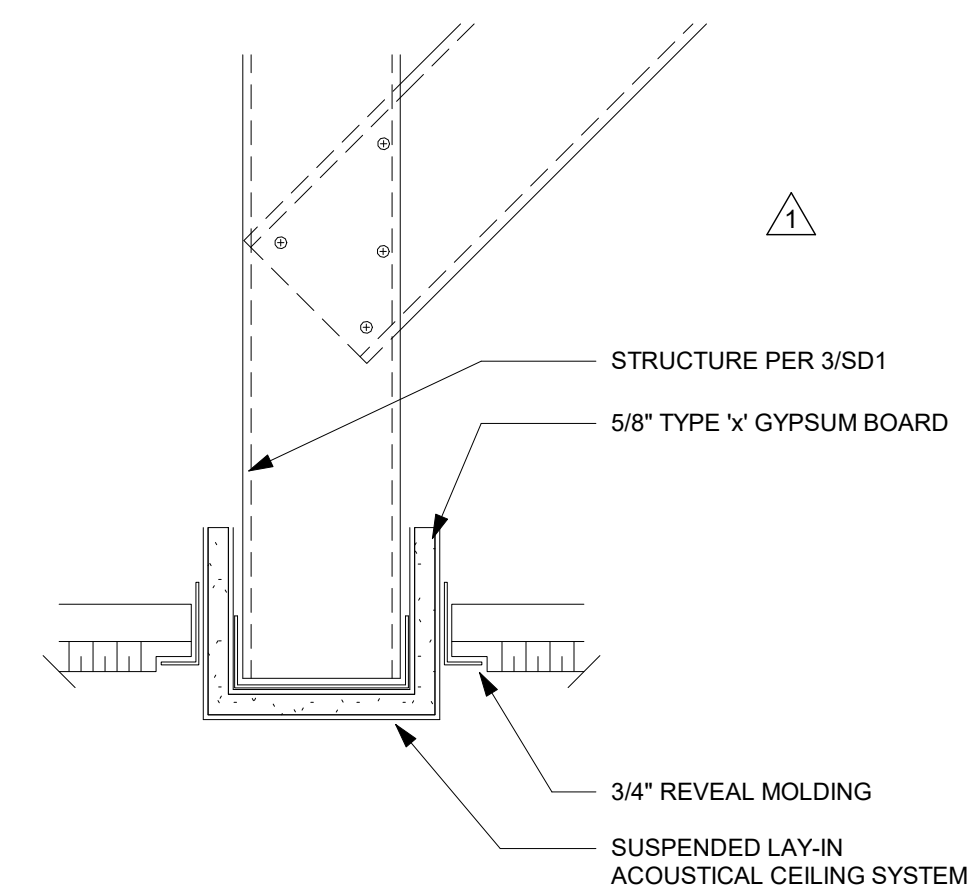
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**GENERAL NOTES:**

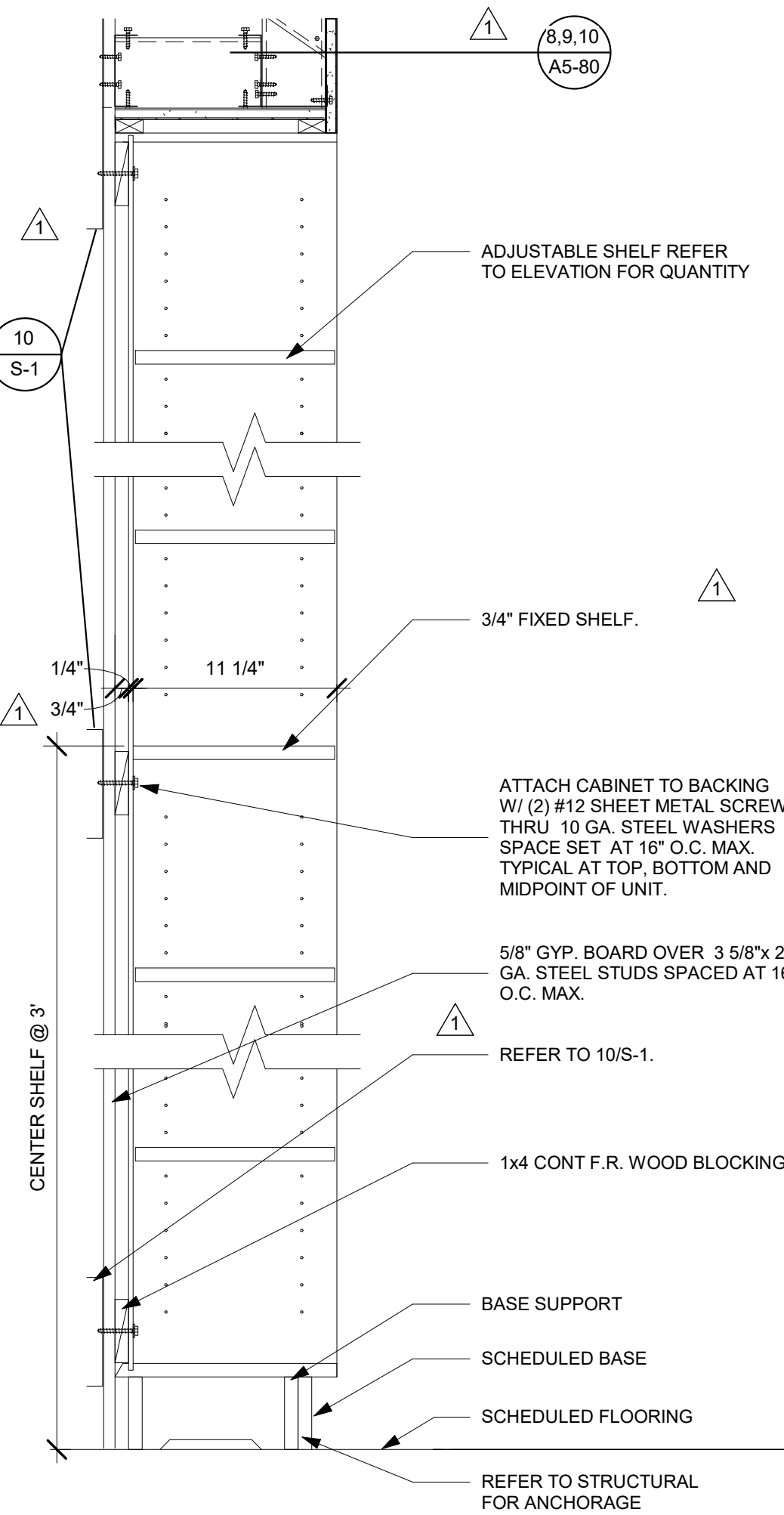
- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
  - REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
- MILLWORK GENERAL NOTES:**
- ALL CASEWORK SHALL BE "CUSTOM" GRADE AS DEFINED BY THE WOODWORK 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 4" 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.



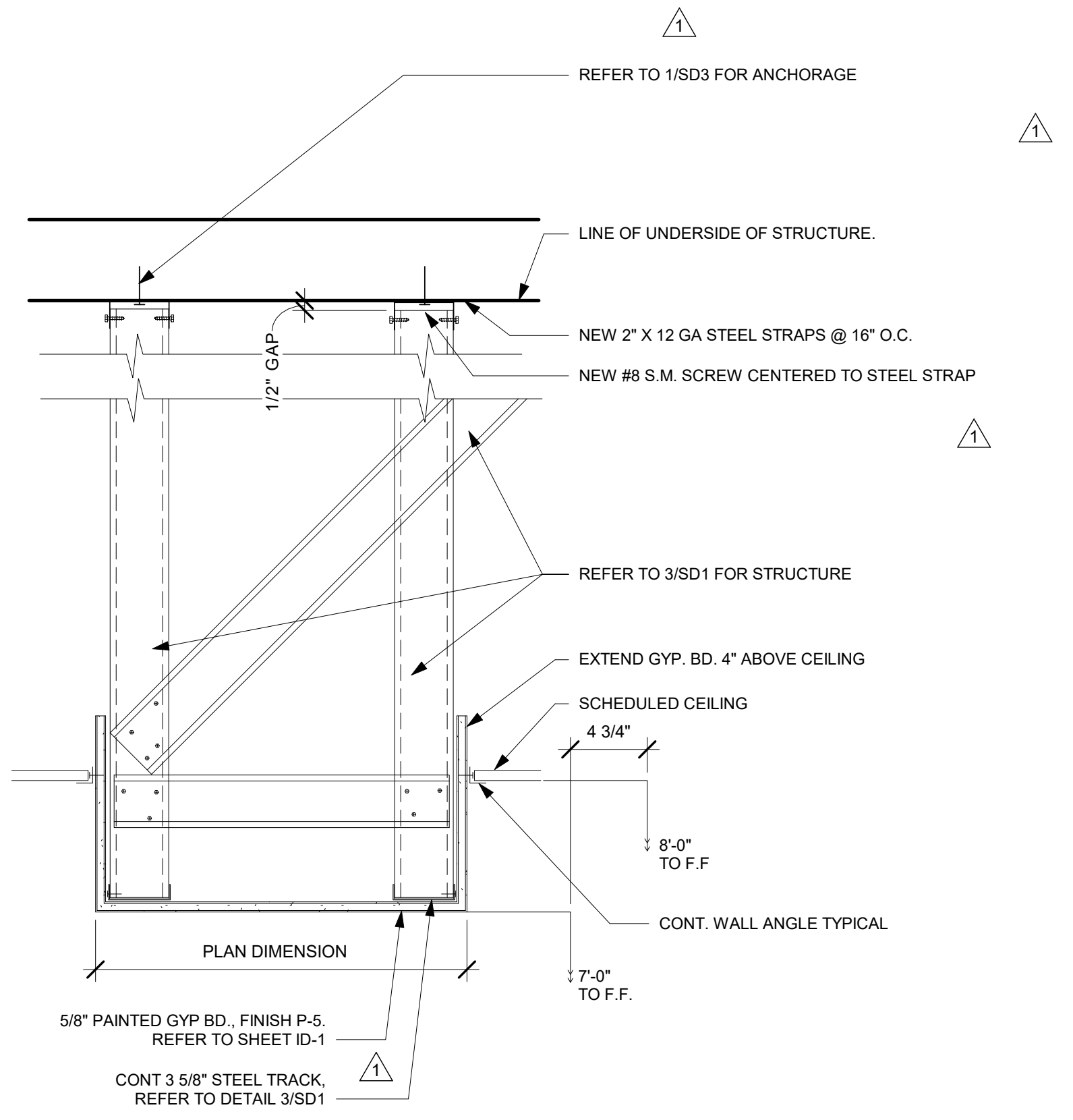
**14 JOISTED GYPSUM CEILING**  
3" = 1'-0"



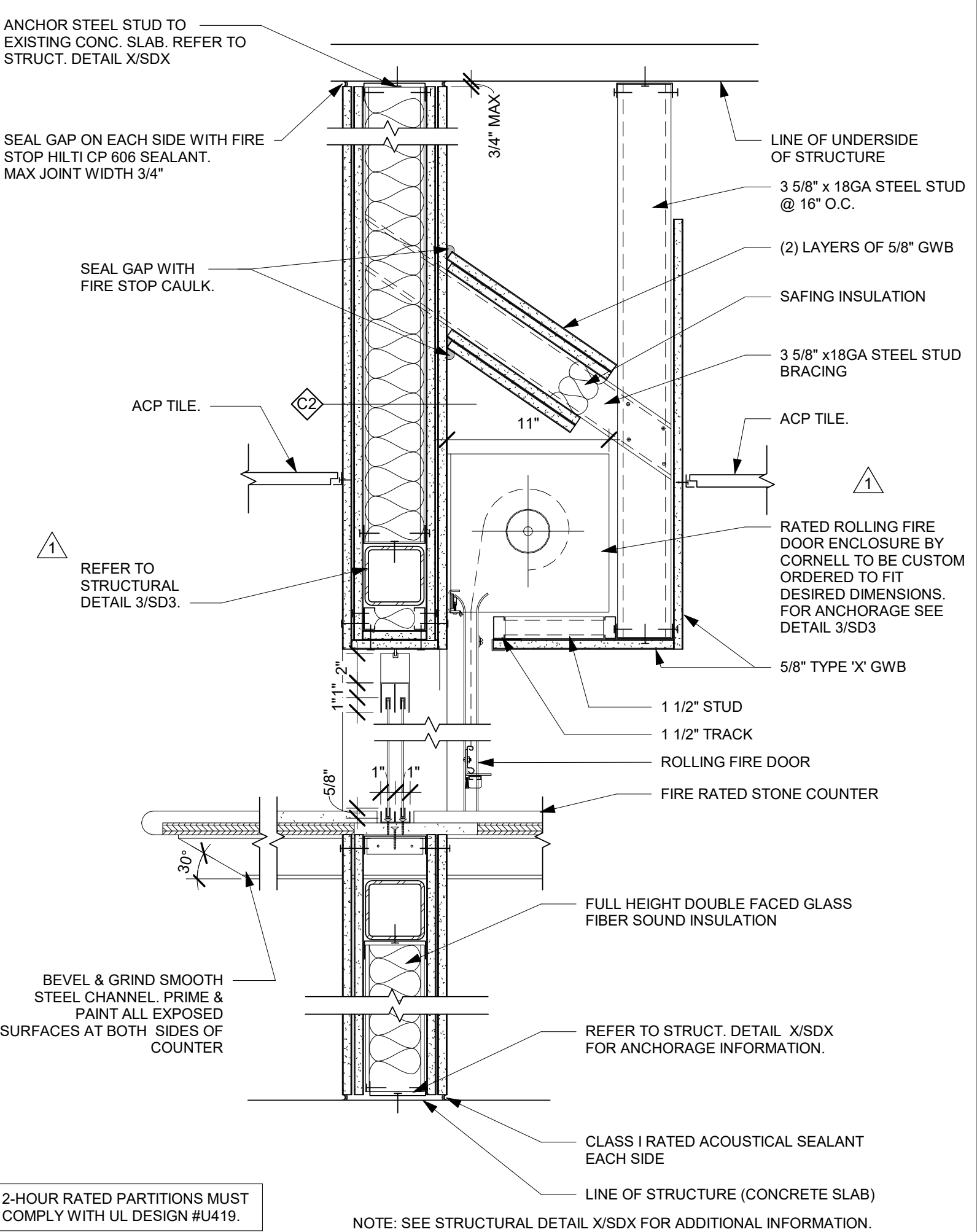
**13 CEILING SOFFIT DETAIL**  
3" = 1'-0"



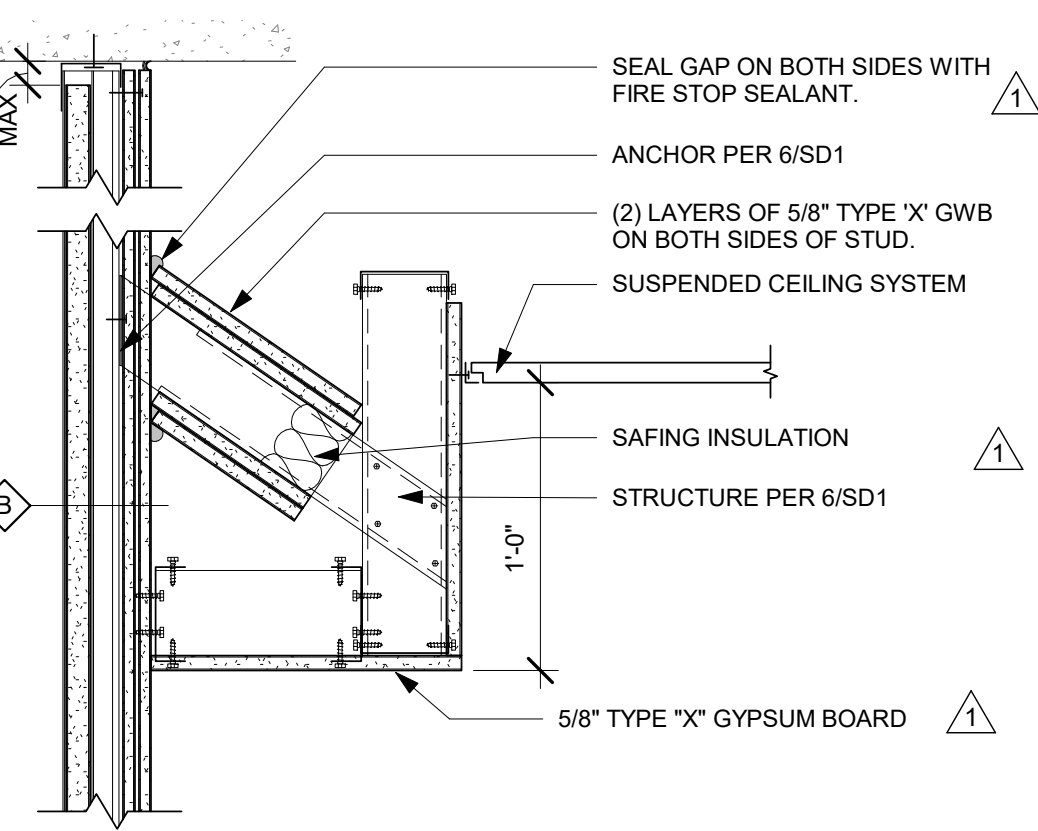
**7 FULL HEIGHT SHELVING**  
1 1/2" = 1'-0"



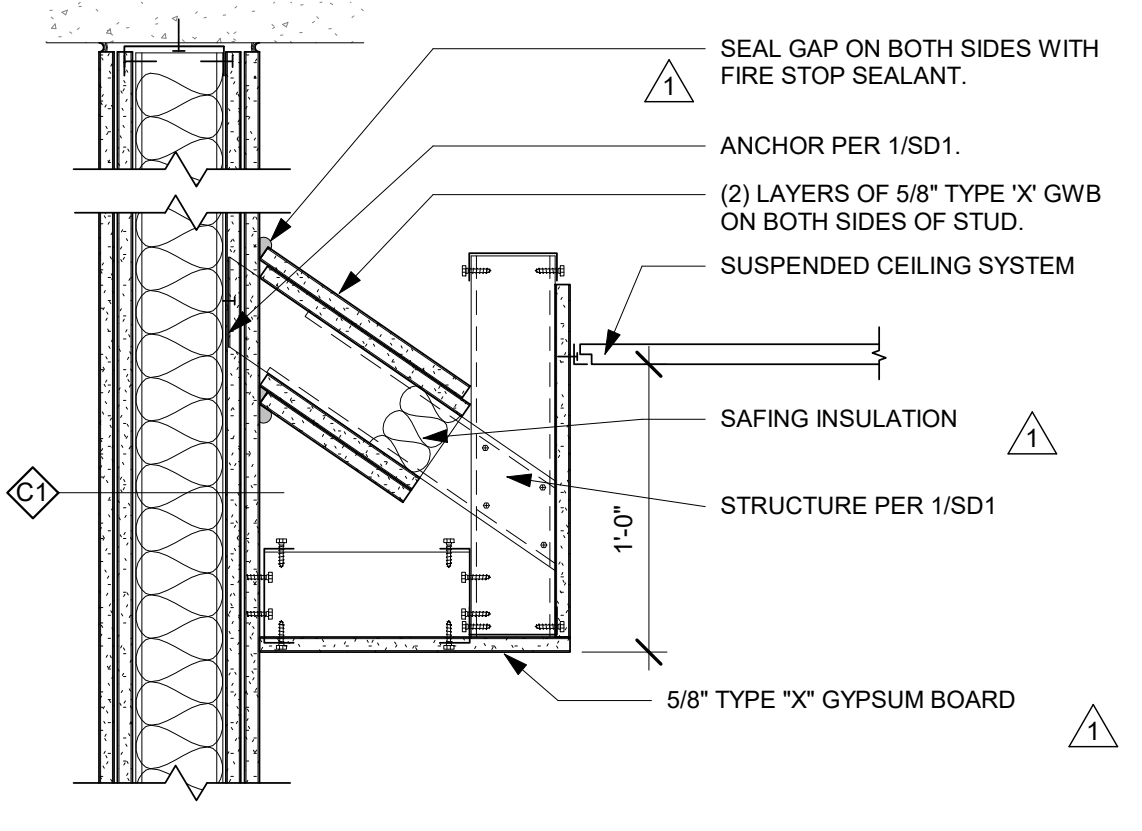
**11 SOFFIT ABOVE CABINET**  
1 1/2" = 1'-0"



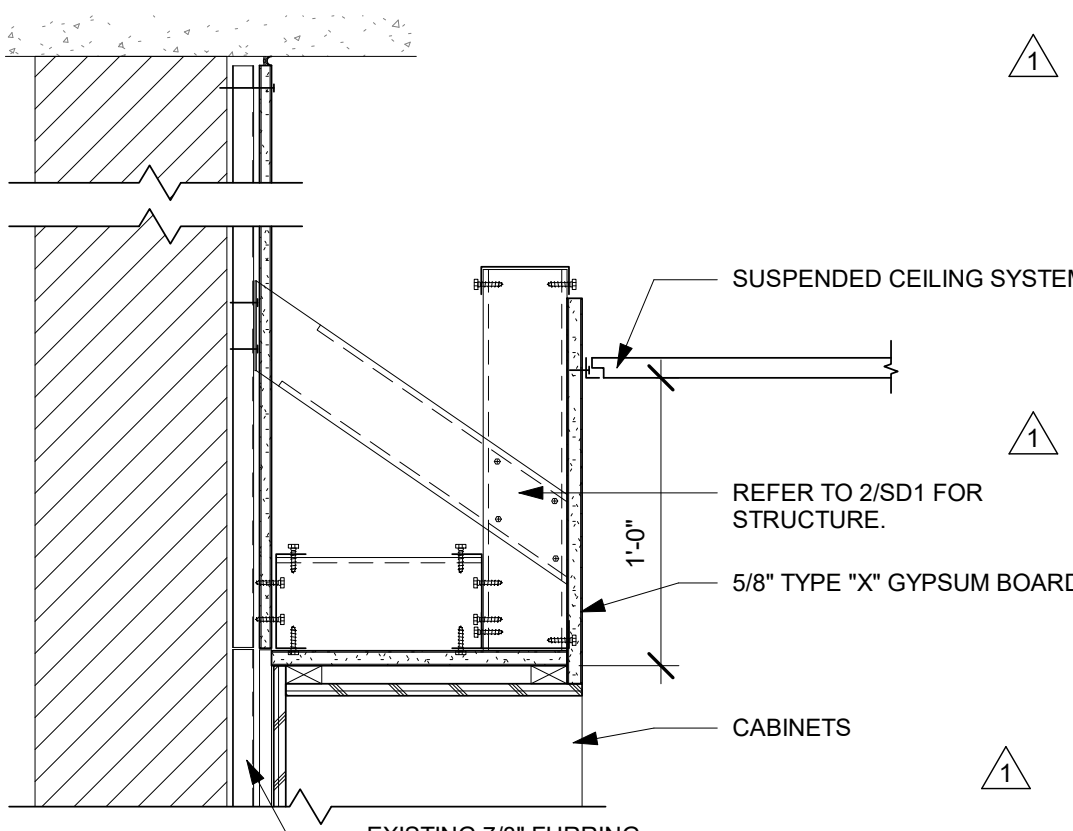
**12 FIRE RATED WINDOW SHUTTER**  
1 1/2" = 1'-0"



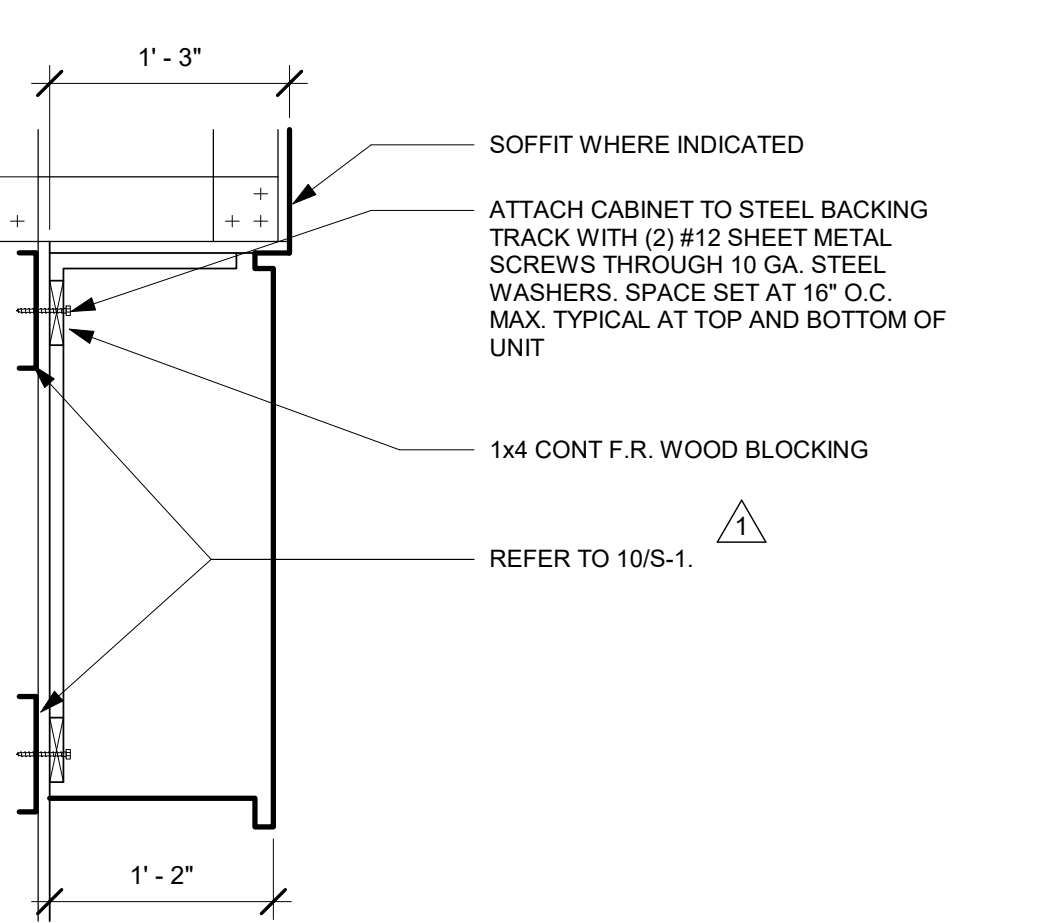
**10 SOFFIT AT SHAFT WALL**  
1 1/2" = 1'-0"



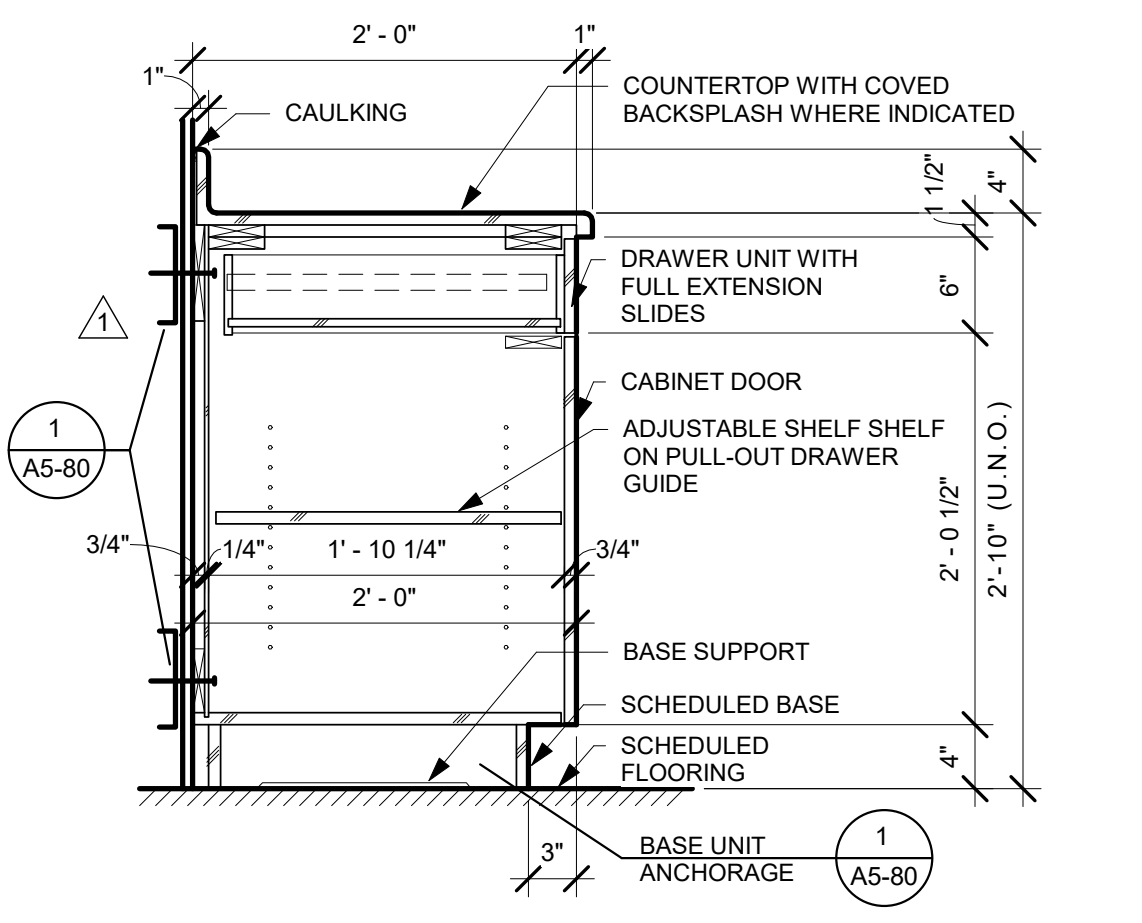
**9 SOFFIT AT 2-HR RATING**  
1 1/2" = 1'-0"



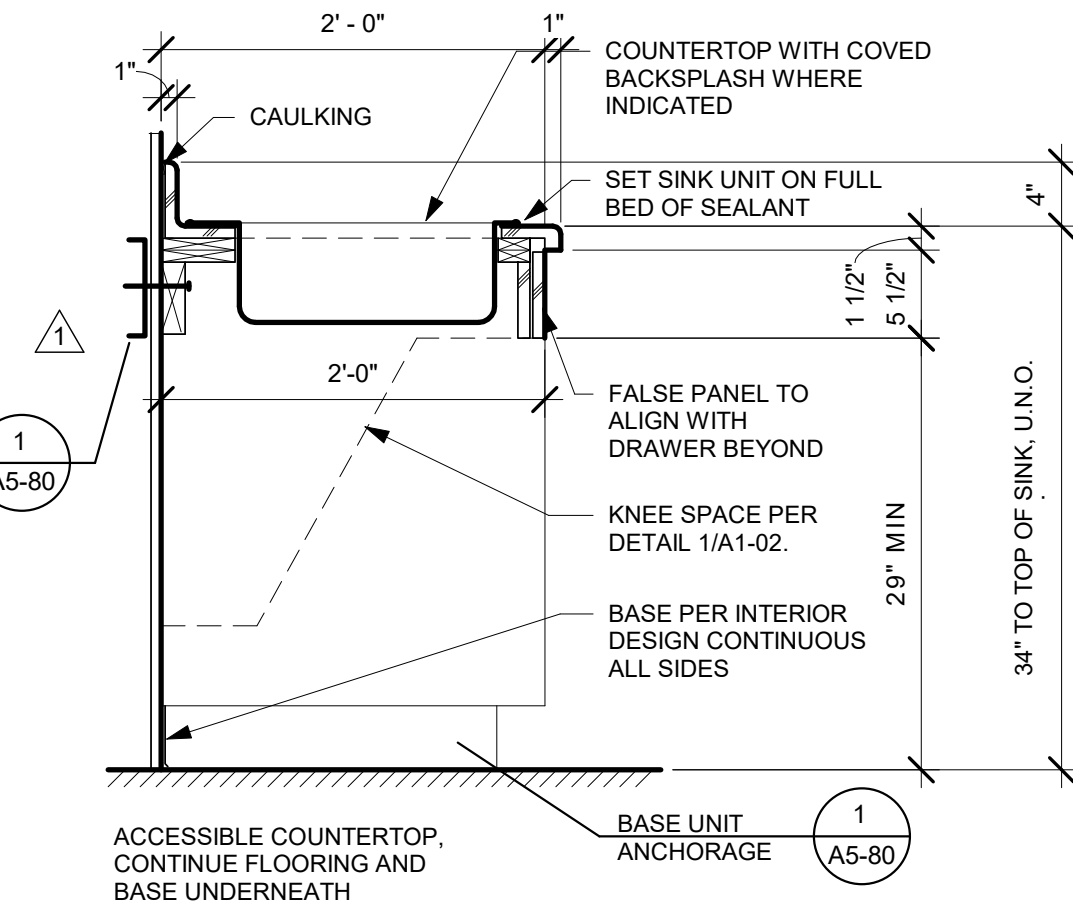
**8 SOFFIT AT CMU**  
1 1/2" = 1'-0"



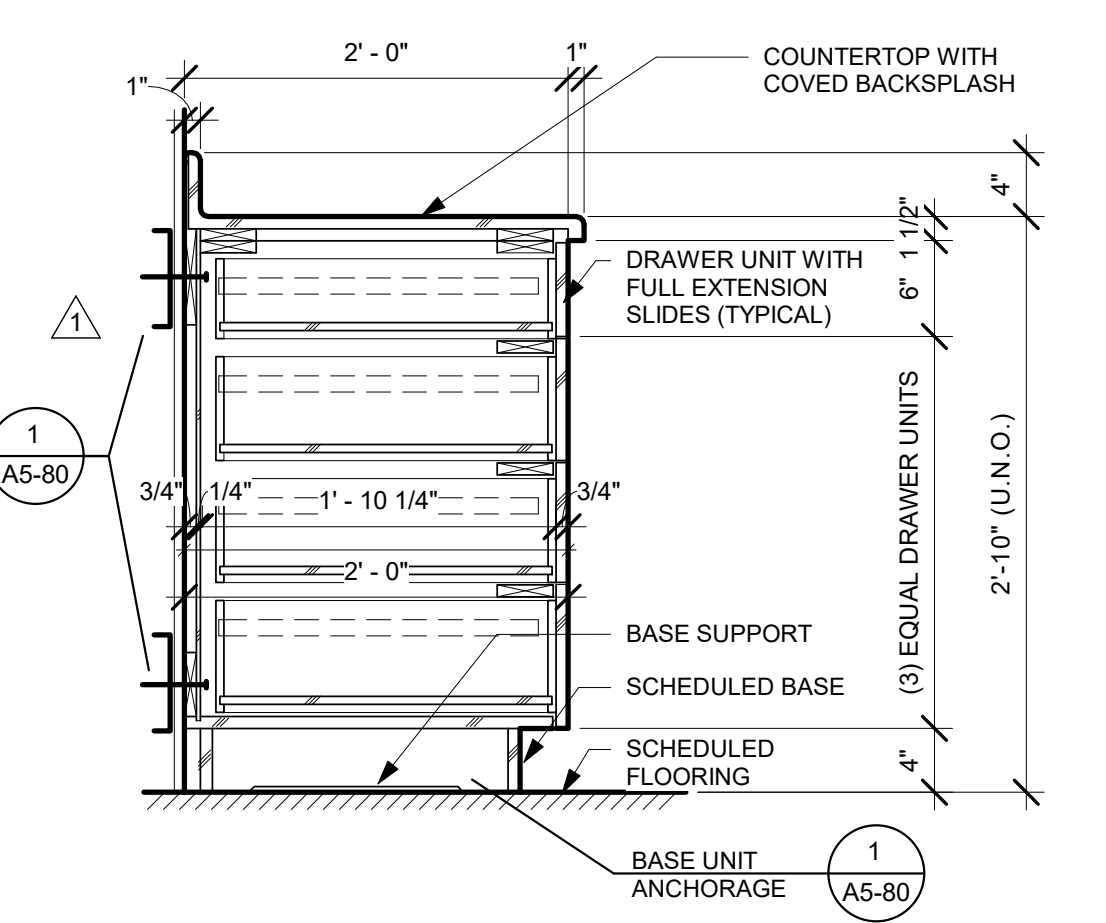
**5 UPPER CABINET ANCHORAGE**  
1" = 1'-0"



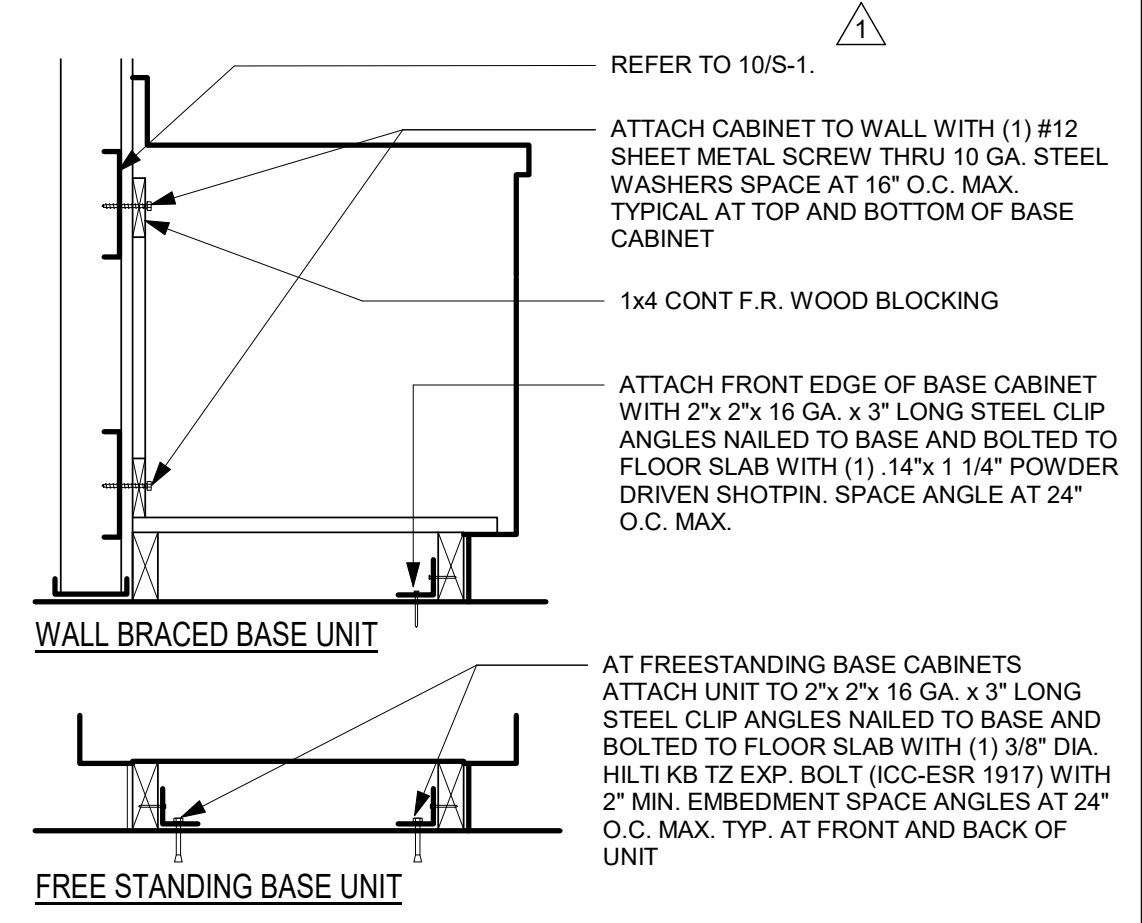
**4 TYPICAL BASE CABINET UNIT**  
1" = 1'-0"



**3 BASE CABINET W/ SINK**  
1" = 1'-0"



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



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





# TCMC PHARMACY RETAIL ROOM

## TRI-CITY MEDICAL CENTER

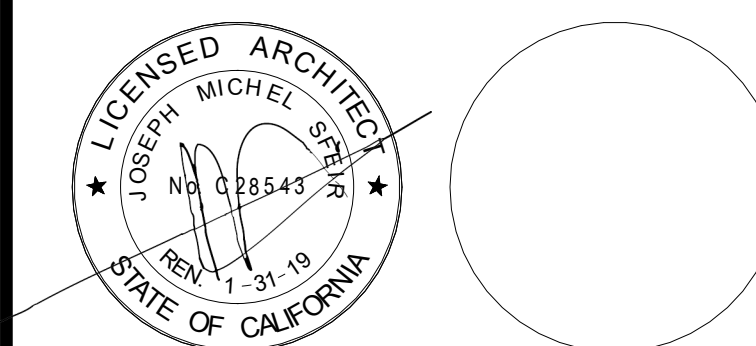
4002 VISTA WAY  
OCEANSIDE, CALIFORNIA  
92056

OWNER: TRI-CITY MEDICAL CENTER  
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OCEANSIDE, CALIFORNIA 92056  
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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

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



NO.	DESCRIPTION	DATE
1	OSHPD COMMENTS	7/19/2017
2	DESIGN CHANGES	8/18/2017

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #: S171386-37-00

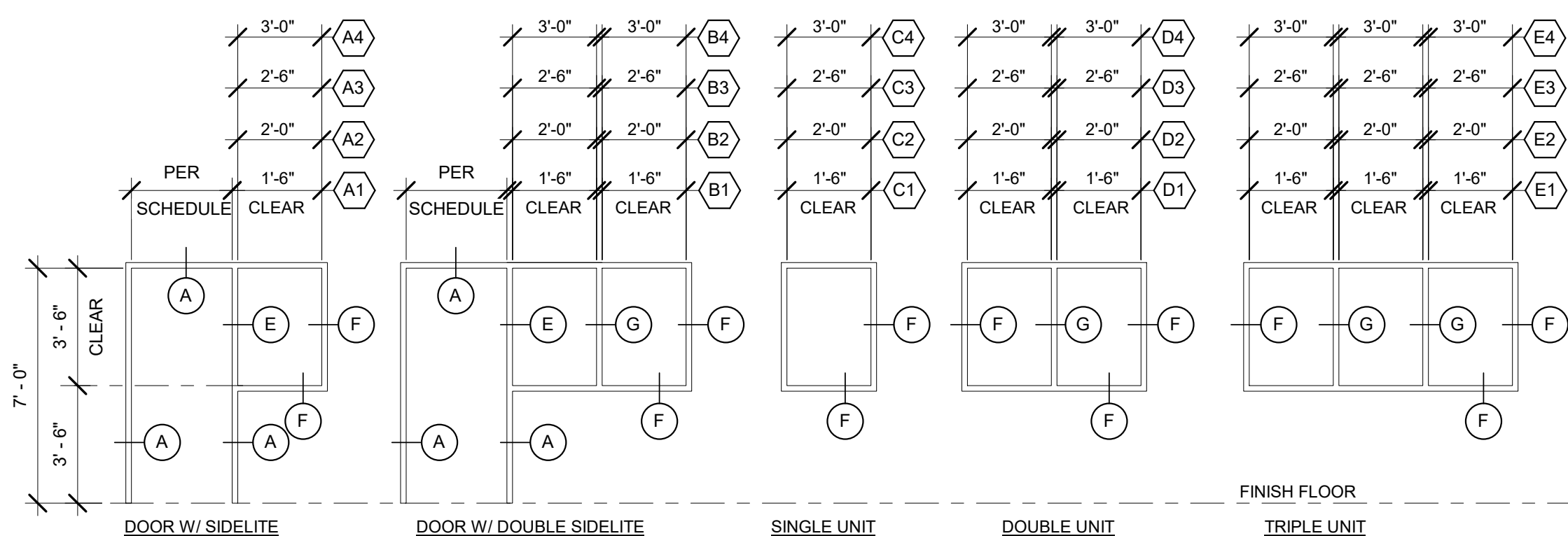
### SHEET TITLE: DOOR AND INTERIOR OPENINGS SCHEDULE

PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

PROJECT #:  
01641.00  
DRAWN BY:  
Author  
CHECKED BY:  
Checker  
SCALE:  
As indicated  
DATE:  
06/26/2017

SHEET NUMBER:  
**A6-00**

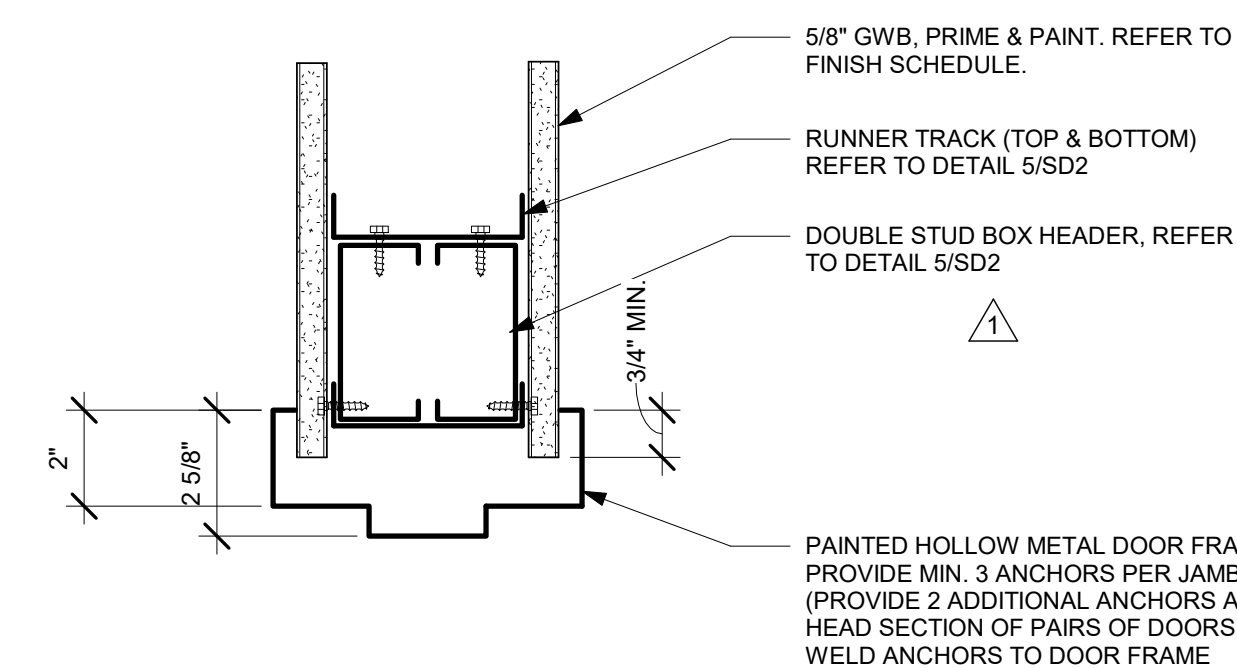
OPNG NO.	TYPE	DOOR		FRAME			DETAILS			LABEL	HDWR. SET	NOTES:		
		OPENING SIZE		MATERIAL	FINISH	TYPE	MATERIAL	FINISH	HEAD				JAMB	THRESHOLD
		(W)	(H)											
001	A1	3'-0"	7'-0"	SCWD	WOOD VENEER	4A	STEEL	PTD	6	5	NA	NR	01	(4)
002	A1	3'-0"	7'-0"	SCWD	WOOD VENEER	4A	STEEL	PTD	6	5	NA	NR	02	(1,3)



### 3 FRAME ELEVATIONS

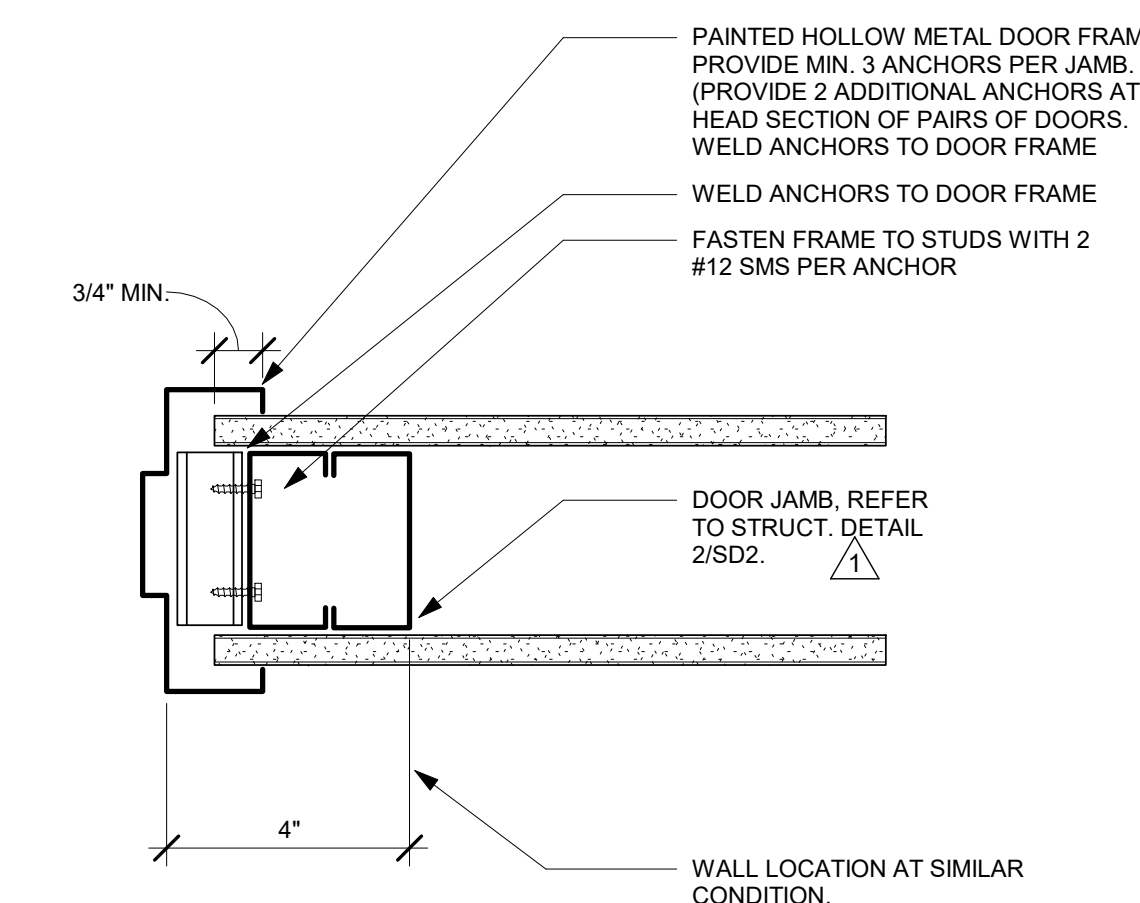
1/4" = 1'-0"

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



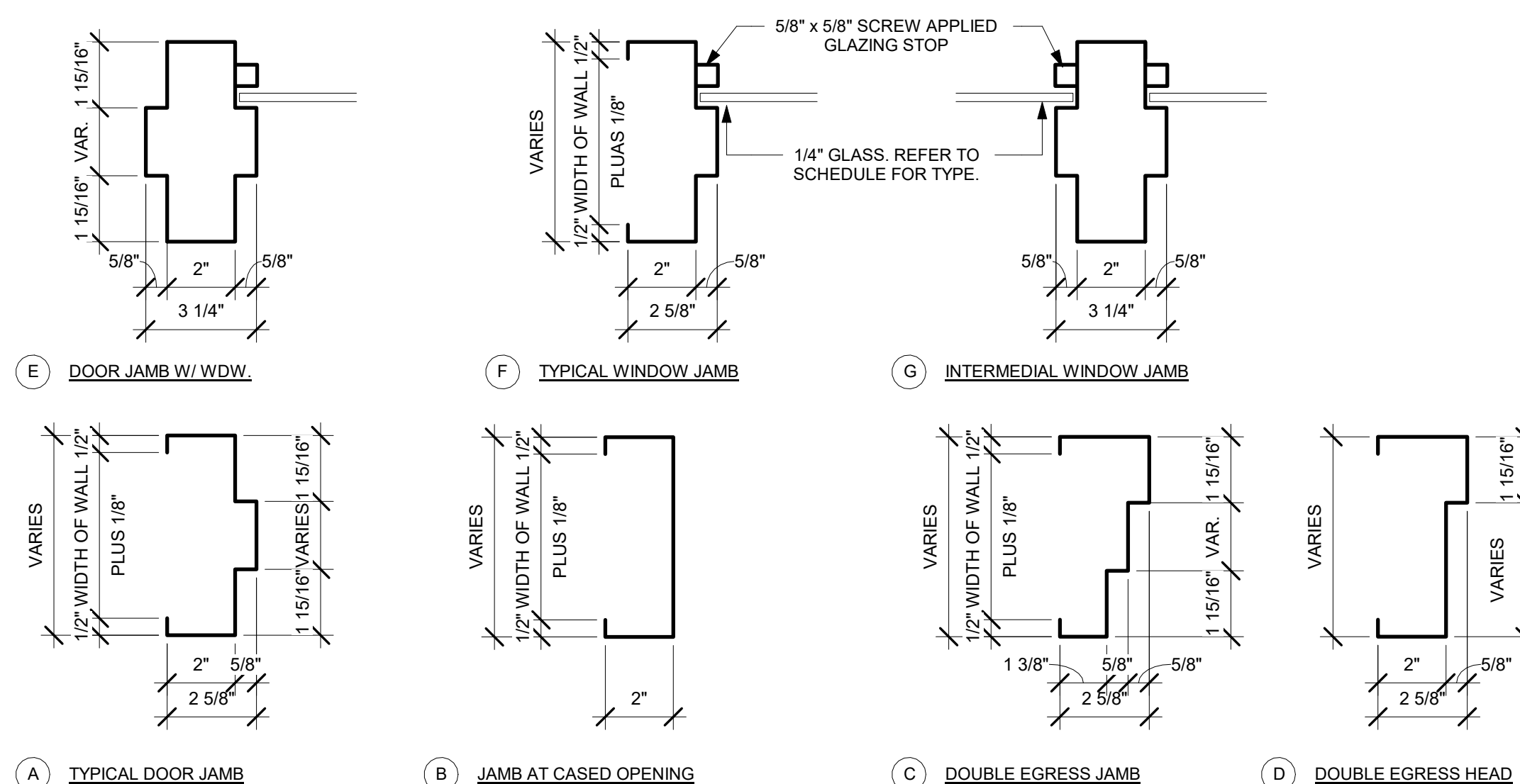
### 6 TYPICAL DOOR HEADER

3" = 1'-0"



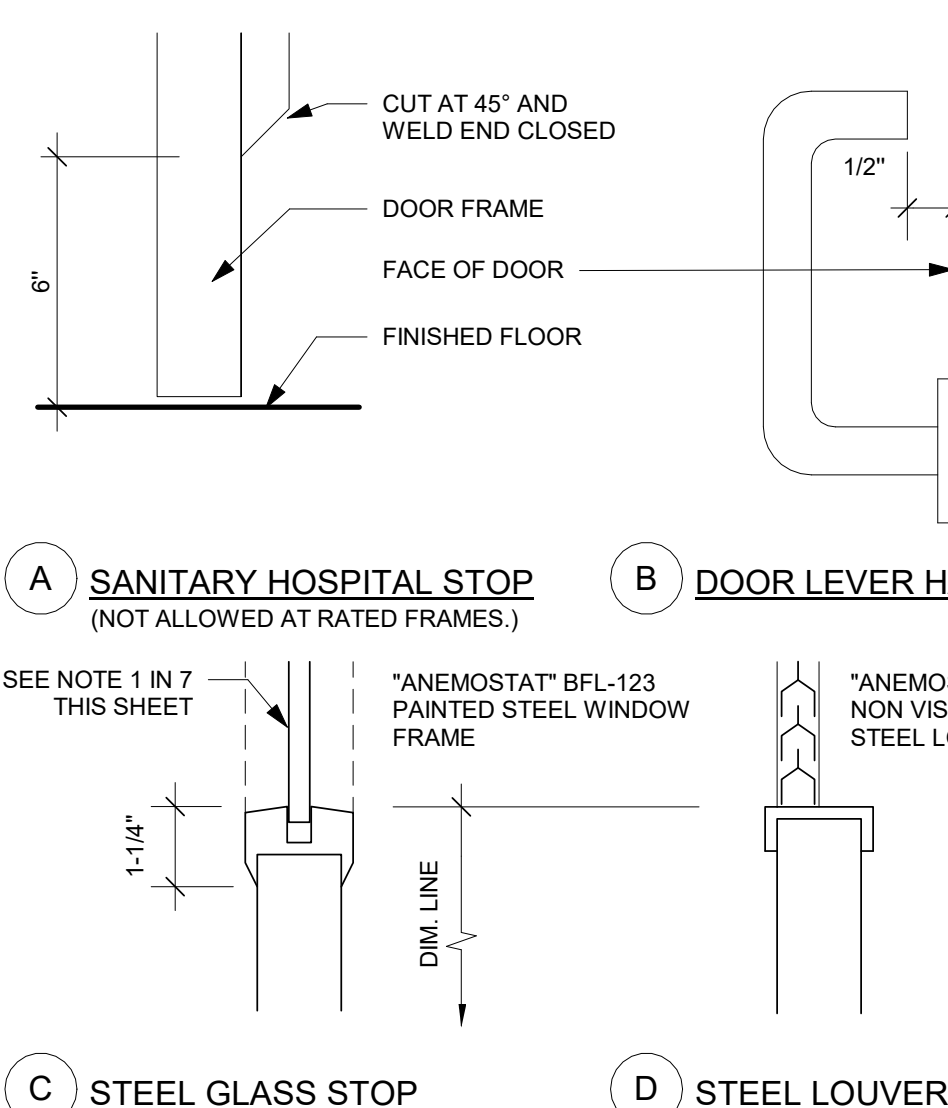
### 5 TYPICAL DOOR JAMB

3" = 1'-0"



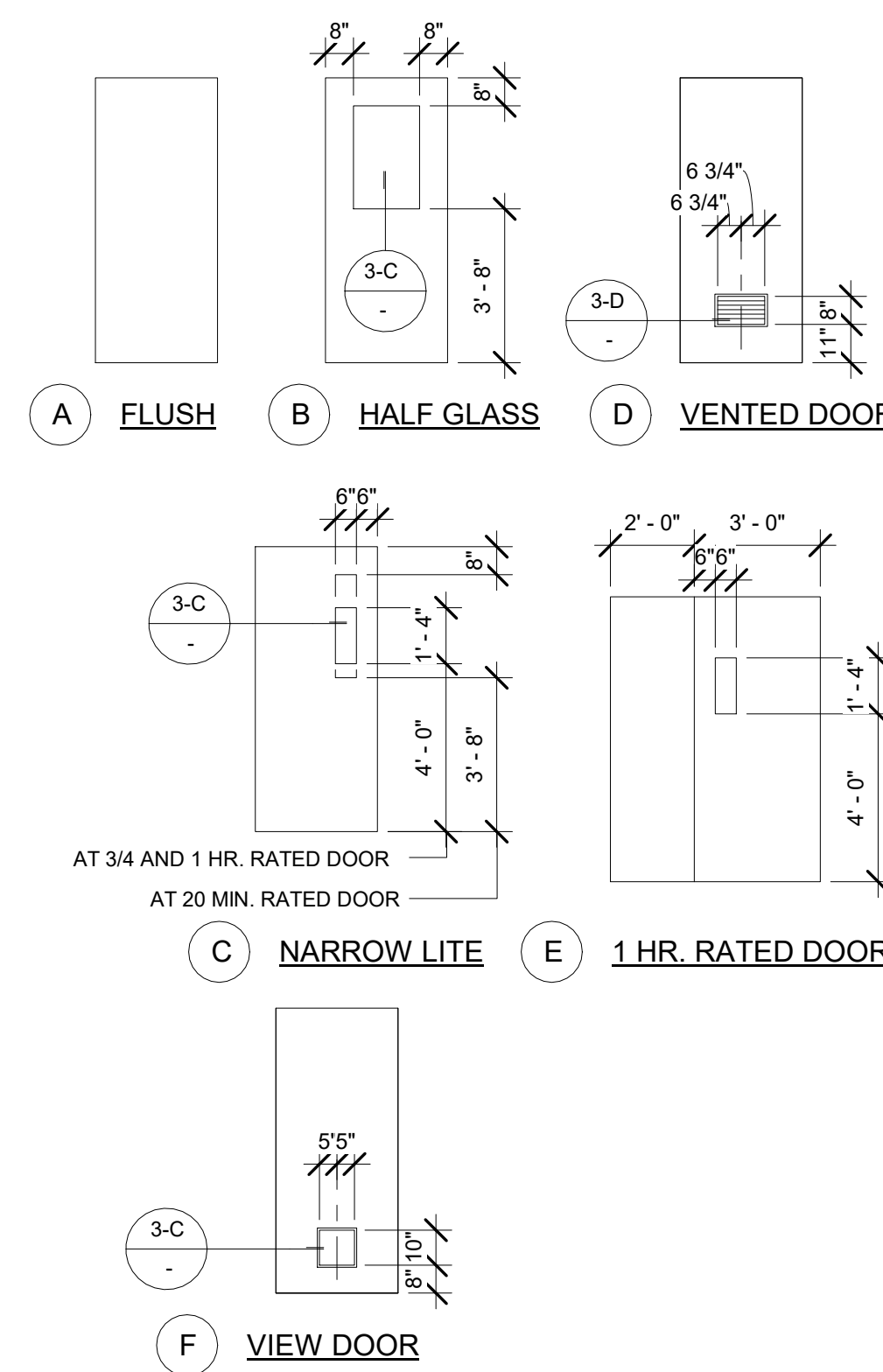
### 4 FRAME TYPES

3" = 1'-0"



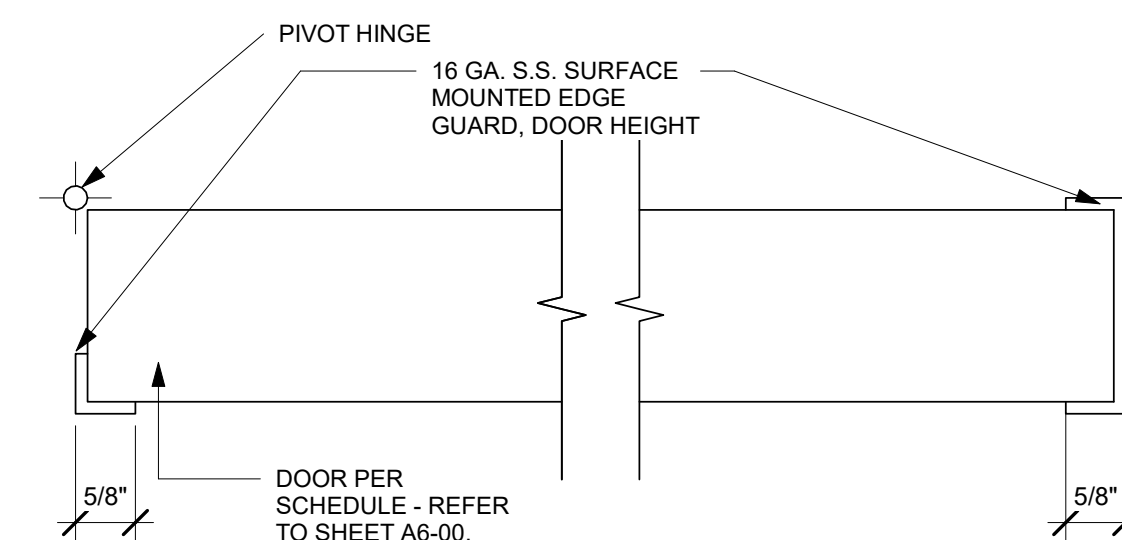
### 2 DOOR DETAILS

12" = 1'-0"



### 1 DOOR TYPES

1/4" = 1'-0"



### 7 DOOR EDGE GUARD

6" = 1'-0"

- NOTE:
- OMIT HINGE GUARD AT CONTINUOUS HINGE
  - CUT EDGE OF GUARD FOR LOCKSET FACE PLATE

### 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
- PROVIDE DOOR EDGE GUARD PER DETAIL 7/A6-00.
- UNDERCUT DOOR 1"

### DOOR SCHEDULE FINISH LEGEND:

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

EQUIPMENT SCHEDULE										OPS										
EQUIPMENT #	DESCRIPTION	WEIGHT (APPROX.) LBS.	HEIGHT=h	WIDTH=b	LENTH=l	PLAN/ELEVATION	REMARKS	EXIS.	NEW	OFOI	OFCI	CFCI	QUANTITY	VOLTAGE	EMERGENCY POWER	ELECTRICAL LOAD	HEAT LOAD	SEISMIC CALCS	PLUMBING	
001	CENTRALIZED MONITORING MONITOR												3							
002	CPU												1							
003	KEYBOARD												3							

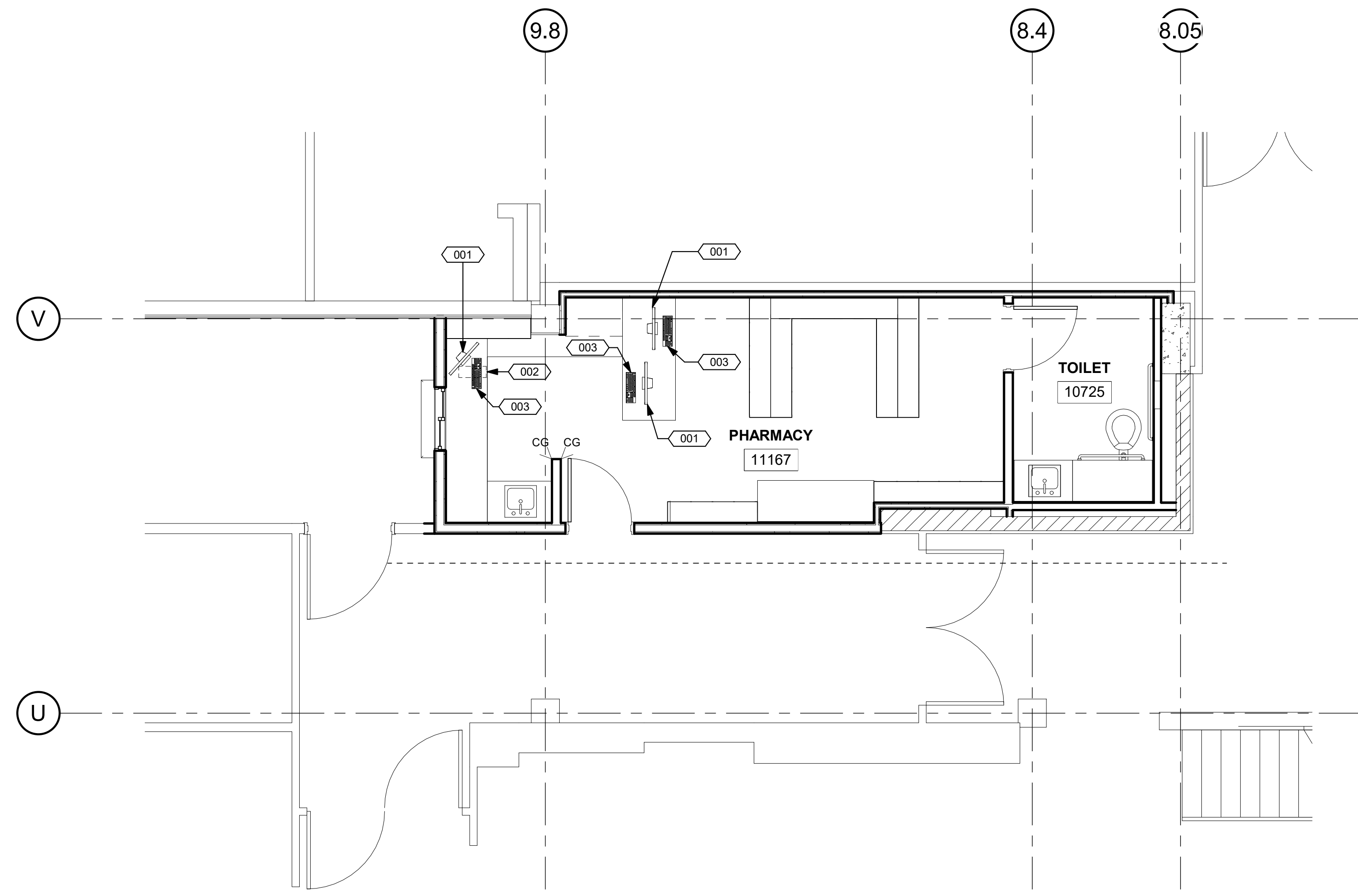
**GENERAL NOTES:**

- 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.
- 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 ONE HOUR FIRE RATED PARTITION TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L. LISTED FIRE STOP SYSTEM.
- INDICATES AN EXISTING TWO HOUR FIRE RATED PARTITION TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L. LISTED FIRE STOP SYSTEM.
- INDICATES AN EXISTING 1 HOUR SMOKE BARRIER
- THICK LINE INDICATES NEW SURFACE FINISH.
- 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 TWO 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.
- INDICATES AN EXISTING STRUCTURAL CONCRETE WALL TO REMAIN. LOCATE REINFORCING STEEL AND OBTAIN APPROVAL FROM STRUCTURAL ENGINEER PRIOR TO CORING AND/ OR CUTTING.
- INDICATES AN EXISTING STRUCTURAL CMU WALL TO REMAIN. LOCATE REINFORCING STEEL AND OBTAIN APPROVAL FROM STRUCTURAL ENGINEER PRIOR TO CORING AND/ OR CUTTING.
- WALL TYPE "A" REFER TO DETAIL 1/A5-00.
- WALL TYPE "B" REFER TO DETAIL 2/A5-00.
- WALL TYPE "C" REFER TO DETAIL 3/A5-00.
- WALL TYPE "D" REFER TO DETAIL 4/A5-00.

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



**1** RETAIL PHARMACY NEW EQUIPMENT PLAN  
 1/4" = 1'-0" NORTH

1515 Shoreham Place, Suite 100  
 San Diego, CA 92122  
 P: 619-299-3917  
 F: 619-299-5084  
 www.sfeirarch.com

**TCMC PHARMACY RETAIL ROOM**

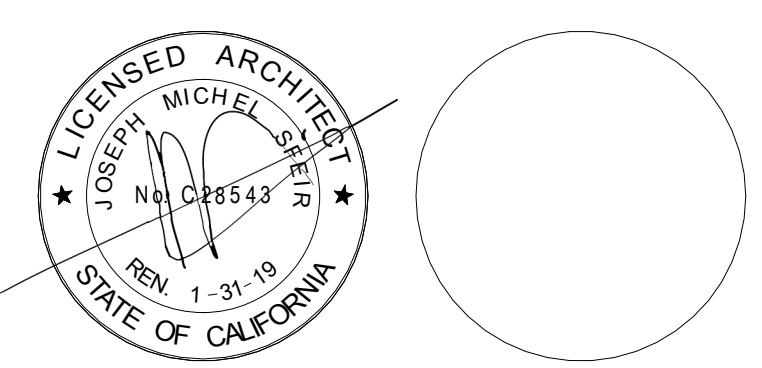
TRI-CITY MEDICAL CENTER  
 4002 VISTA WAY  
 OCEANSIDE, CALIFORNIA 92056

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

ARCHITECT: SFEIR ARCHITECTS  
 1515 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, SUITE 230  
 SAN DIEGO, CALIFORNIA 92123  
 TEL:(619)618-2347



REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
 OSHPD #: S171386-37-00

SHEET TITLE:  
**EQUIPMENT PLAN, DETAILS AND SCHEDULE**

PROJECT TITLE:  
 TCMC PHARMACY RETAIL ROOM

PROJECT # 01641.00 SHEET NUMBER:  
 DRAWN BY: Author  
 CHECKED BY: Checker  
 SCALE: As indicated  
 DATE: 06/26/2017

# TCMC PHARMACY RETAIL ROOM

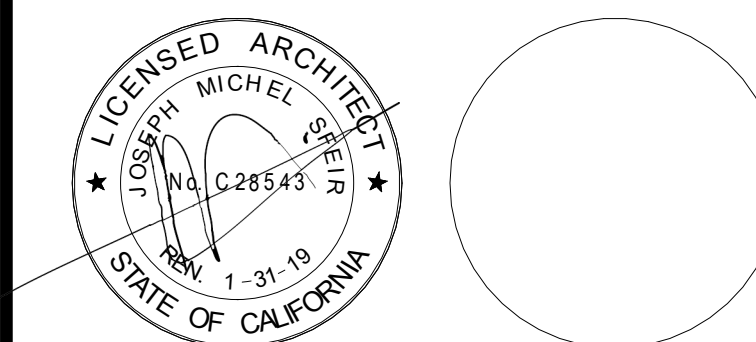
TRI-CITY MEDICAL  
CENTER  
4002 VISTA WAY  
OCEANSIDE, CALIFORNIA  
92056

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



REV.	DESCRIPTION	DATE
1	OSHPD COMMENTS	7/19/2017
2	DESIGN CHANGES	8/18/2017

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #: S171386-37-00

SHEET TITLE:  
**1/4" RETAIL PHARMACY  
NEW FINISHES PLAN**

PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

PROJECT #:  
01641.00

DRAWN BY:  
Author

CHECKED BY:  
Checker

SCALE:  
As indicated

DATE:  
06/26/2017

**ID-1**

## I.D. KEYNOTES:

- TRIM CARPET

## 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 DTD TO 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: EGGSHELL SHEEN  
EXCEPTIONS SIMI 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 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.

- 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 SUBMITT 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 803.11

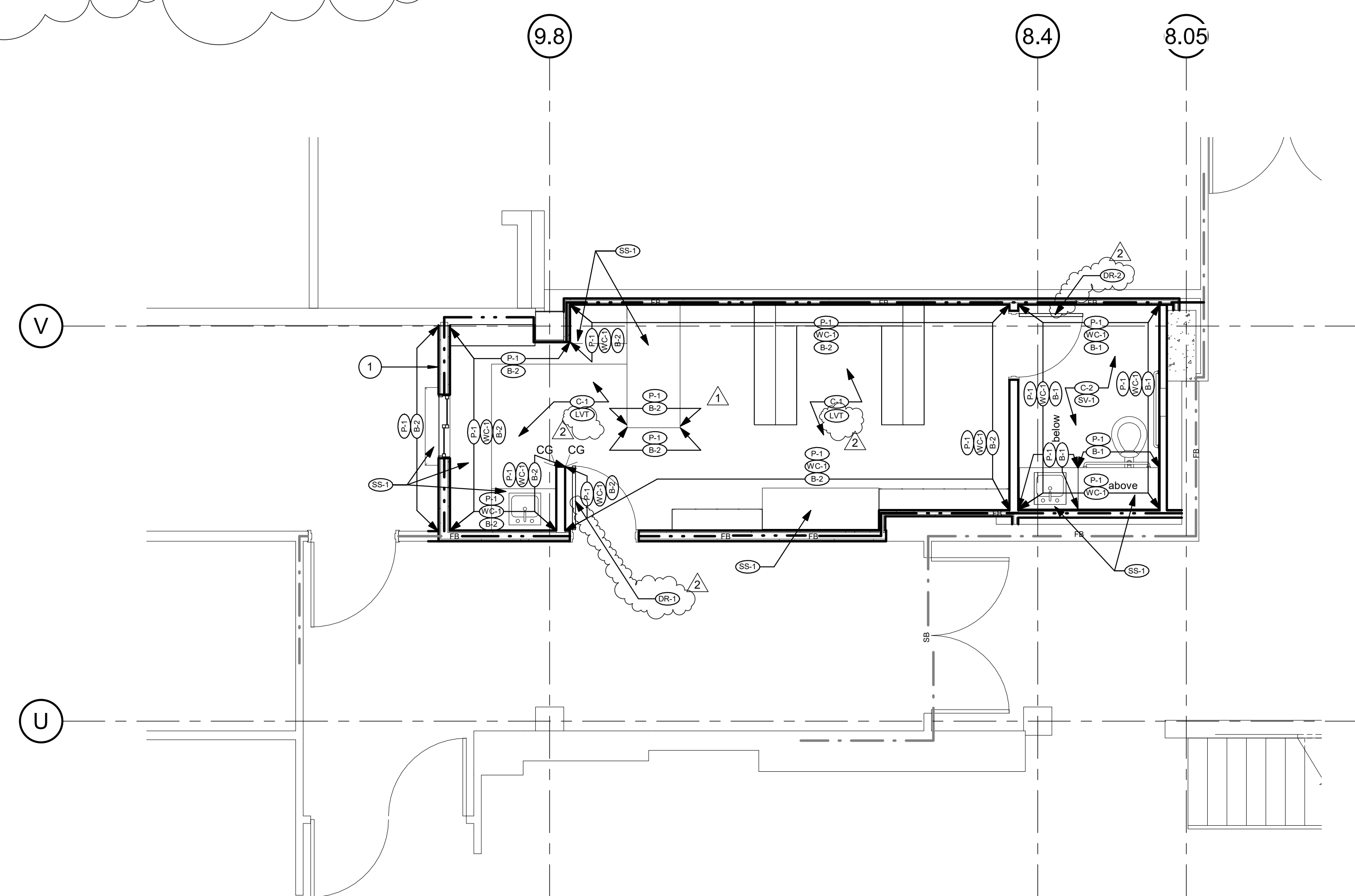


## NOTES:

- XYZ.

## FINISH LEGEND:

FLOORS:		BASE:	WALLS:	CEILINGS:			
SV-1	SHEET VINYL BY MANNINGTON - COLOR BY ARCHITECT	B-1	4" SHEET VINYL COVE BASE MANUFACTURED BY MANNINGTON. COLOR BY ARCHITECT.	P-1	PAINT TO MATCH EXISTING BY GLIDDEN. COLOR BY ARCHITECT.	C-1	ACOUSTICAL CEILING PANEL . 2'X2' BY ARMSTRONG . TEGULAR. COLOR BY ARCHITECT.
LVT:	LUXORY VINYL TILE BY MANNINGTON " NATURE PATH"	B-2	4" RUBBER BASE TO MATCH EXISTING BY ARMSTRONG. COLOR BY ARCHITECT.	WC-1	4'-0" HIGH ACROVYN WAINSCOAT	C-2	GYPSUM BOARD PAINTED BY GLIDDEN. COLOR BY ARCHITECT.
CASEWORK LAMINATE & ALL EXPOSED SURFACES:		DOOR & FRAME:					
PL-1	BY WILSONART - COLOR BY ARCHITECT	DR-1	DOOR: STAIN TO MATCH EXISTING. FRAME: BY GLIDDEN. COLOR BY ARCHITECT				
COUNTERTOPS:		DR-2	DOOR: STAIN TO MATCH EXISTING. FRAME: BY GLIDDEN. COLOR BY ARCHITECT				
SS-1	BY CORIAN - COLOR BY ARCHITECT						



**1** RETAIL PHARMACY NEW FINISHES PLAN  
1/4" = 1'-0"





# TCMC PHARMACY RETAIL ROOM

## TRI-CITY MEDICAL CENTER

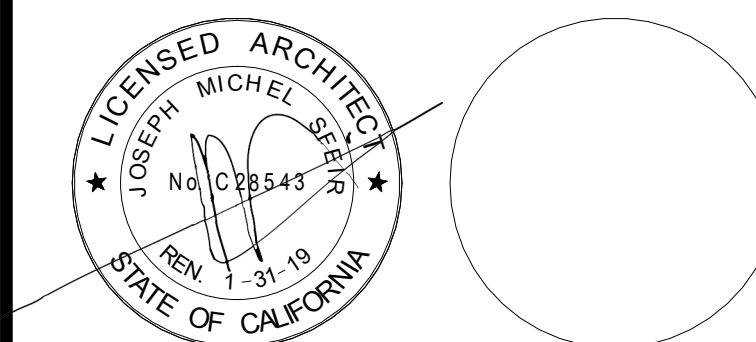
4002 VISTA WAY  
OCEANSIDE, CALIFORNIA  
92056

OWNER: TRI-CITY MEDICAL CENTER  
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REV.	DESCRIPTION	DATE
1	OSHPD COMMENTS	7/19/2017
2	DESIGN CHANGES	8/18/2017

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #: S171386-37-00

SHEET TITLE:  
**FINISH DETAILS**

PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

PROJECT #:  
01641.00

DRAWN BY:  
Author

CHECKED BY:  
Checker

SCALE:  
As indicated

DATE:  
06/26/2017

**ID-2**

### FINISH PLAN GENERAL NOTES:

- PATCH AND REPAIR FINISHES IN LIKE KIND WHERE AFFECTED BY NEW CONSTRUCTION ON EXISTING BUILDING FINISHES.
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NOTE: REFER TO INTERIOR ELEVATIONS WHERE FOR LOCATIONS WHERE EPOXY PAINT IS REQUIRED.

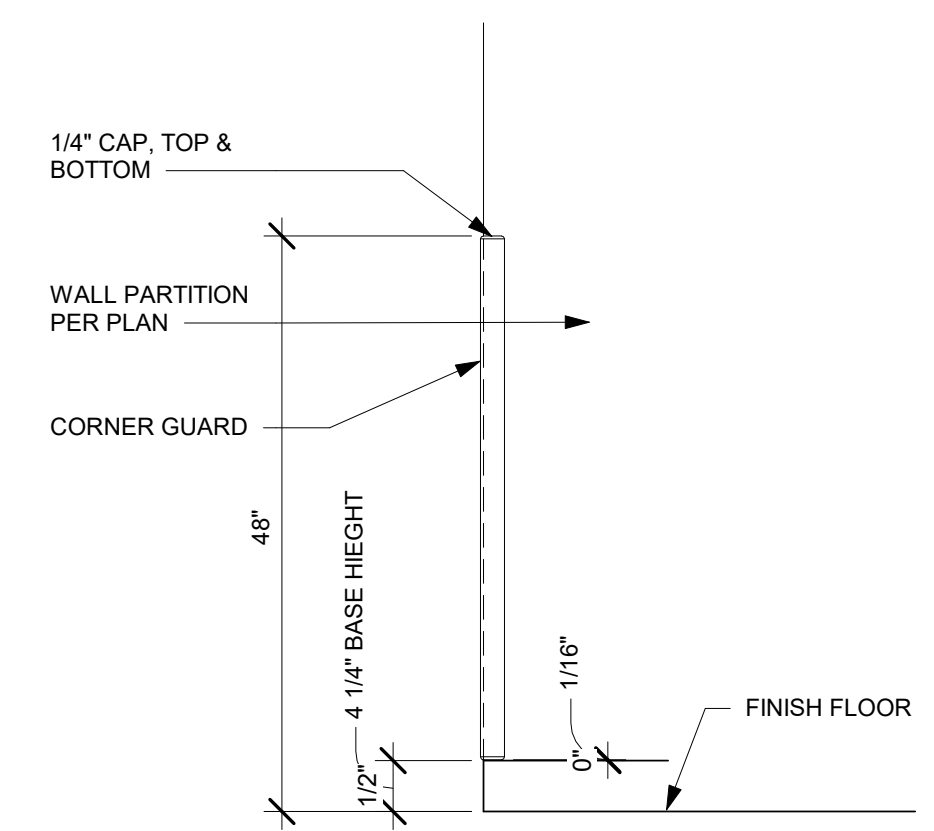
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#### RESILIENT FLOORING:

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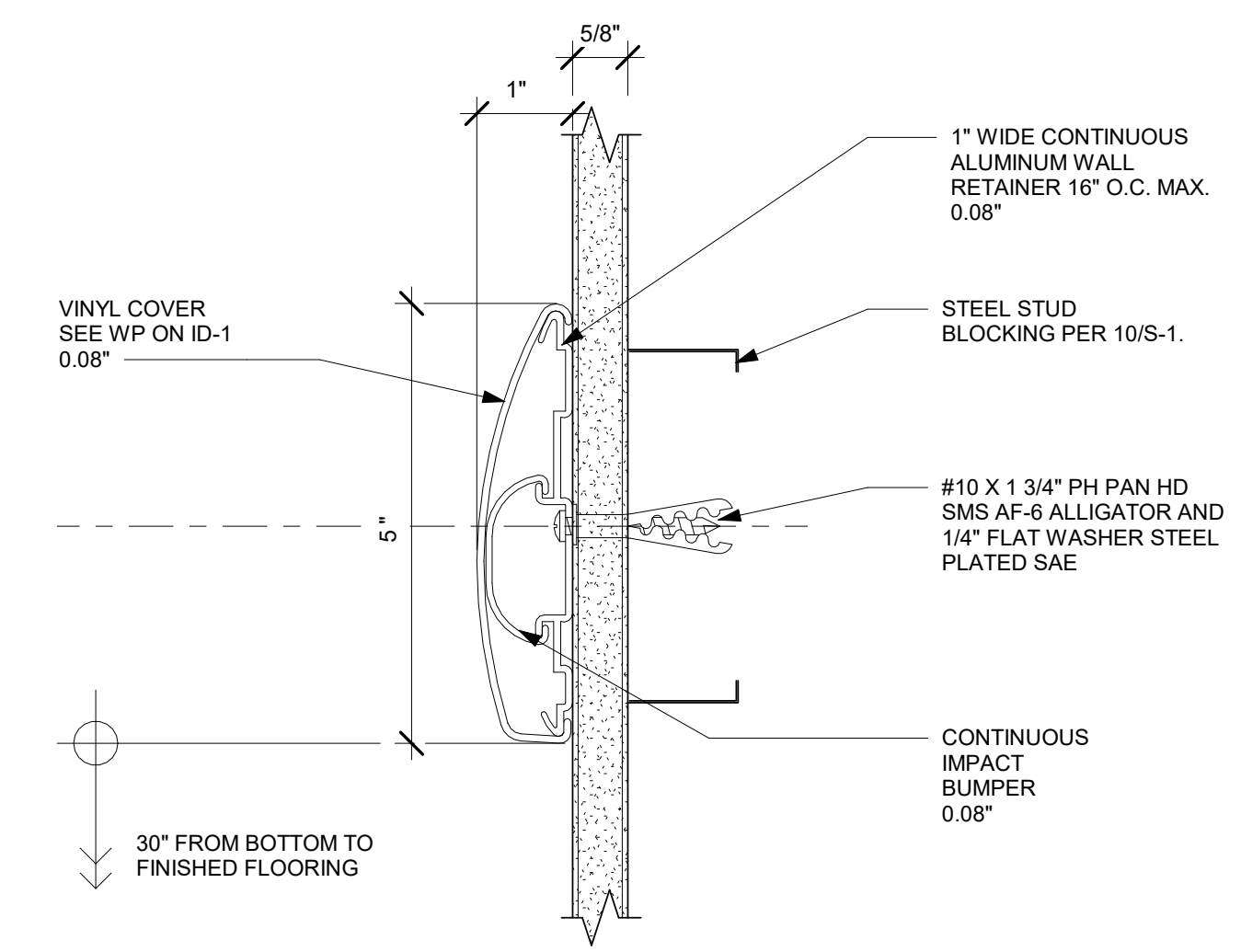
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- SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL CASEWORK AND MILL WORK.
- FLAME SPREAD: FLAME SPREAD OF FINISH MATERIALS, WALL, FLOOR AND CEILING SHALL NOT EXCEED THE FLAME SPREAD CLASSIFICATIONS IN CBC TABLE 803.11

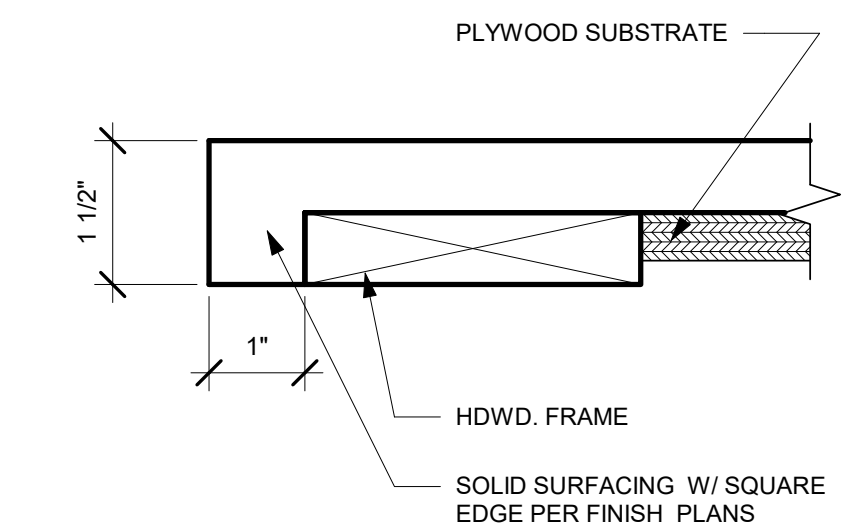


CORNER GUARD MOUNTING HEIGHT (NTS)

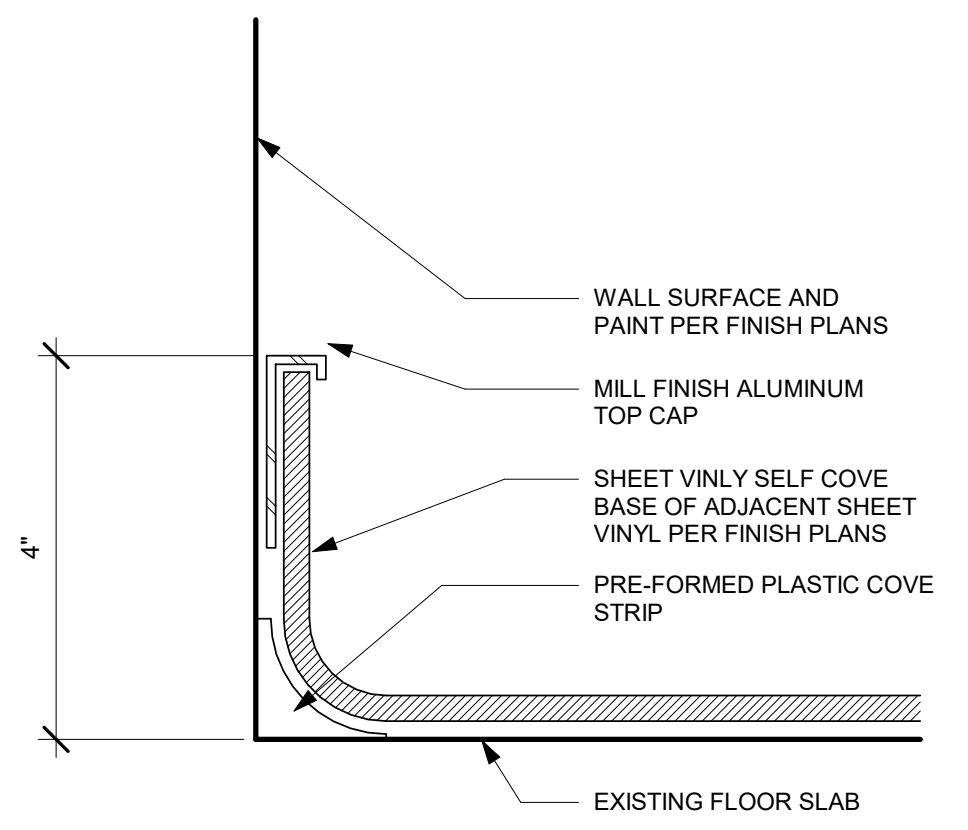
**7** CORNER GUARD  
6" = 1'-0"



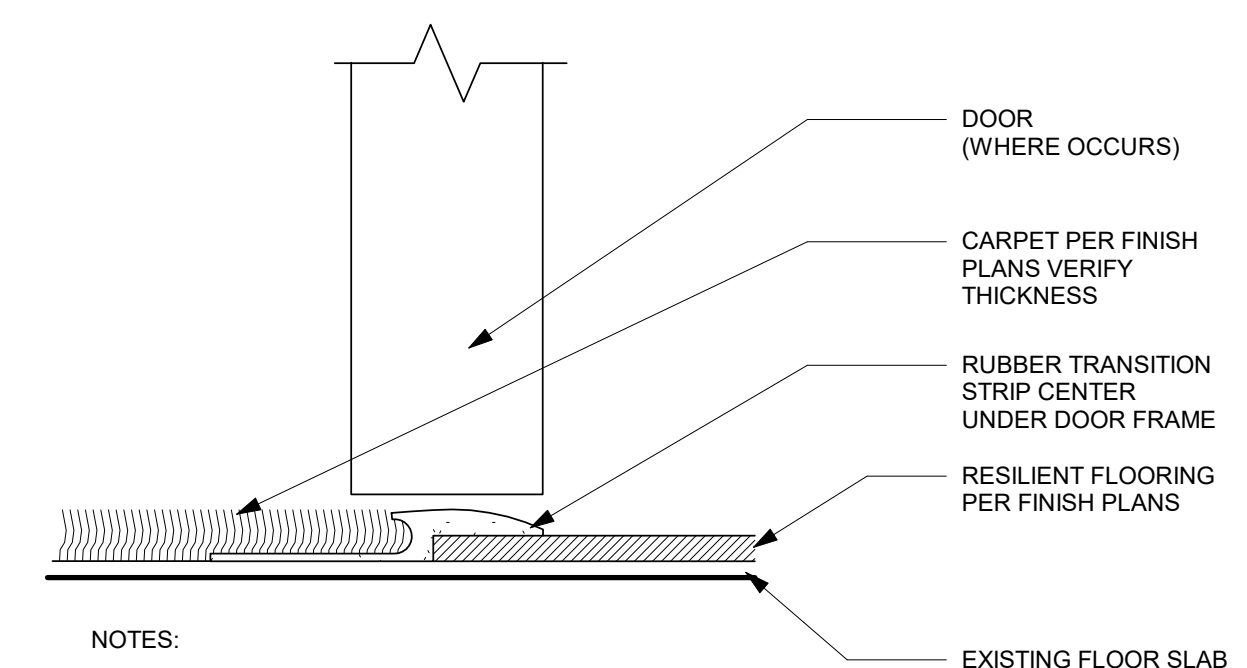
**5** CRASH RAIL  
6" = 1'-0"



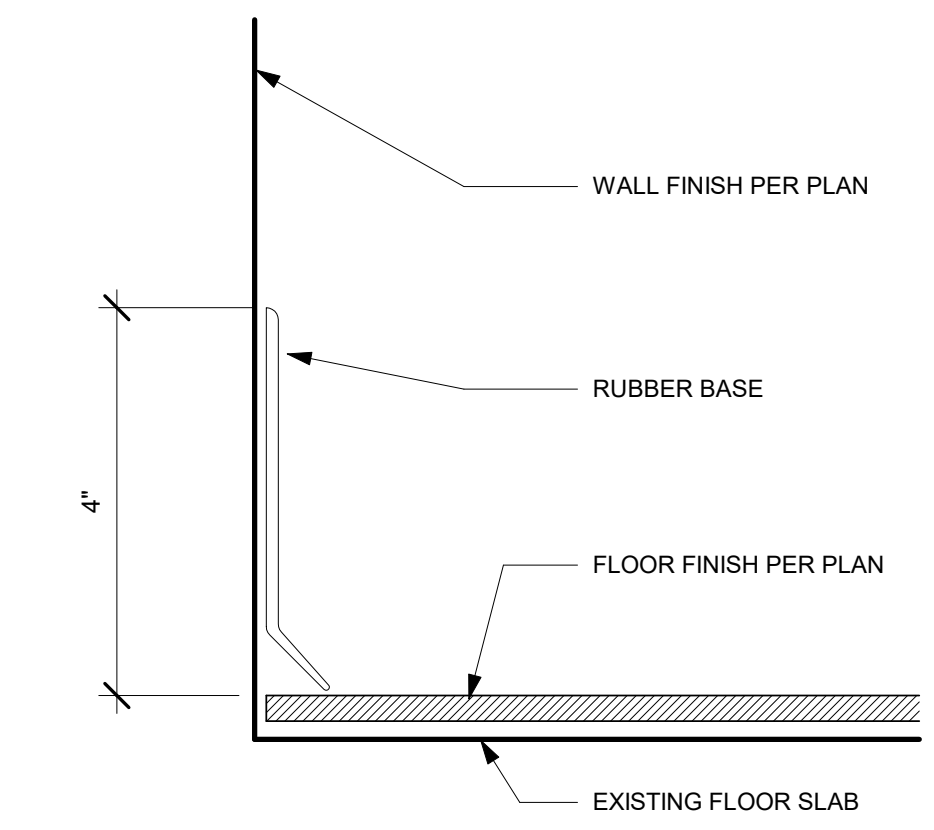
**4** COUNTER EDGE -SQUARE  
6" = 1'-0"



**3** 4-1/4" SHEET VINYL SELF COVE BASE  
6" = 1'-0"



**2** CARPET TO RESILIENT TRANSITION  
6" = 1'-0"



**1** RUBBER BASE  
6" = 1'-0"

# TCMC PHARMACY RETAIL ROOM

## Tri-City Medical Center

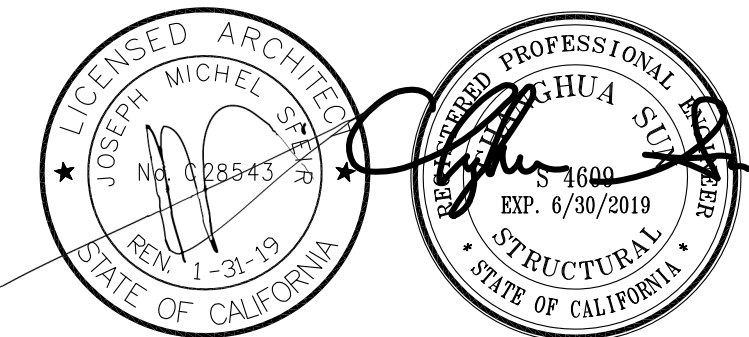
4002 Vista Way  
Oceanside, California 92056

OWNER: TRI-CITY MEDICAL CENTER  
4002 VISTA WAY  
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ARCHITECT: SFEIR ARCHITECTS  
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SAN DIEGO, CALIFORNIA 92122  
TEL(619)299-3917 FAX(619)299-5084

STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.  
2091 LAS PALMAS DRIVE, SUITE D  
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MEP: P2S  
9665 CHESAPEAKE, SUITE 230  
SAN DIEGO, CA 92123  
TEL(619) 618-2347 FAX(619) 330-0668



OSHPD COMMENTS: 07/19/17

REV: DESCRIPTION: DATE:

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2091 Las Palmas Dr. Suite D  
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Tel: 760-438-1188  
www.sunse-inc.com

OSHPD APPROVAL STAMP:

SHEET TITLE:

### GENERAL NOTES TYPICAL DETAILS

PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

PROJECT #: 01641.00 SHEET NUMBER:  
DRAWN BY:  
CHECKED BY:  
SCALE:  
DATE: 06/26/14

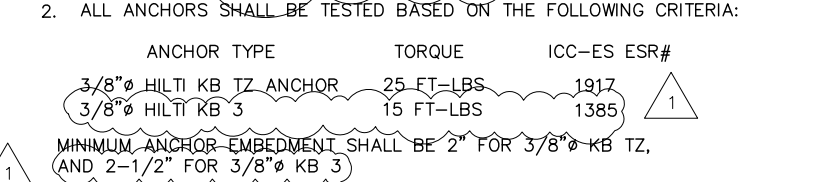
S-1

### GENERAL NOTES

- 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.
- 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.
- 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.
- 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.
- 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.
- ALL WORKS SHALL CONFORM TO THE STANDARDS OF THE 2016 CALIFORNIA BUILDING CODE.
- A.S.T.M. SPECIFICATIONS NOTED ON THE DRAWINGS SHALL BE OF THE LATEST REVISION.
- 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.
- 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

- ALL FIELD INSTALLED CONCRETE EXPANSION ANCHORS SHALL BE HILTI KB TZ ANCHORS (AND CMCU EXPANSION ANCHORS SHALL BE HILTI KB 3 ANCHORS).



- 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  
3/8" HILTI KB 3 ANCHOR 15 FT-LBS 1385  
MINIMUM ANCHOR EMBEDMENT SHALL BE 2" FOR 3/8" KB TZ AND 2-1/2" FOR 3/8" KB 3

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 DISCERNABLE MOVEMENT DURING THE TENSION TEST, e.g., AS EVIDENCED BY LOOSENING OF THE WASHER UNDER NUT.  
B). TORQUE WRENCH METHOD:  
ANCHORS TESTED WITH A CALIBRATED TORQUE WRENCH MUST ATTAIN THE SPECIFIED TORQUE WITHIN 1/2 TURN OF THE NUT.

EXCEPTIONS:  
1. WEDGE OR SLEEVE TYPE:  
ONE-QUARTER (1/4) TURN OF THE NUT FOR A 3/8 IN. SLEEVE ANCHOR ONLY.  
2. THREADED TYPE:  
ONE QUARTER (1/4) TURN OF THE SCREW AFTER INITIAL SEATING OF THE SCREW HEAD.

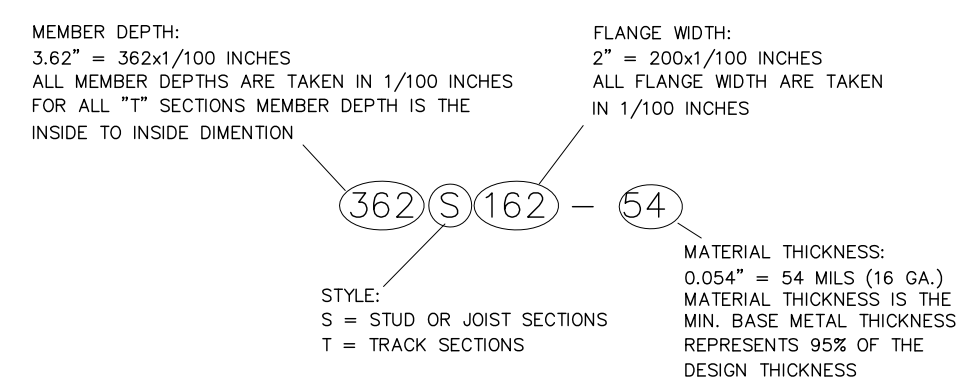
TESTING SHOULD OCCUR 24 HOURS MINIMUM AFTER INSTALLATION OF THE EPOXY ANCHOR.

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 2016, 1910A.5.

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

### COLD-FORMED STEEL FRAMING

- 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.
- 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
- ALL WELDING SHALL BE IN CONFORMANCE WITH AWS D11.3 "STRUCTURAL WELDING CODE - SHEET STEEL" QUALIFICATION OF WELDERS SHALL BE IN ACCORDANCE WITH AWS D11.3 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.
- FRAMING SHALL BE ERECTED PLUMB, LEVEL AND SQUARE. BRIDGING AND DIAGONAL TENSION STRAPS SHALL BE USED.
- TEMPORARY BRACING SHALL BE PROVIDED AS REQUIRED UNTIL ERECTION IS COMPLETE AND SAFELY SECURED TO STRUCTURE.
- COLD-FORMED STEEL YIELD STRENGTH (Y) IS 33 KSI. IDENTIFICATION OF SSMA PRODUCTS



COLD-FORMED STEEL STUDS PROPERTIES			
IDENTIFICATION	MEMBER DEPTH	FLANGE WIDTH	MATERIAL THICKNESS
3625162-54	3.62"	1.625"	16 GA.
3621125-43	3.62"	1.25"	16 GA.
6007200-54	6"	2"	16 GA.
3625162-43	3.62"	1.625"	16 GA.
4005125-43	4"	1.25"	16 GA.
2-1/2" CH STUD	2.5"	1.625"	20 GA.
2-1/2" J RUNNER	2.5"	1" AND 3"	20 GA.

### SEISMIC LOAD

SITE LOCATION:  
LONGITUDE: 117.29178° WEST, LATITUDE: 33.18425° NORTH  
DESIGN SPECTRAL RESPONSE ACCELERATION:  
S<sub>D</sub> = 0.760, S<sub>D1</sub> = 0.435  
SEISMIC IMPORTANCE FACTOR, I<sub>p</sub> = 1.5  
SEISMIC FORCE COEFFICIENTS:  
q<sub>s</sub> = 1.0, R<sub>p</sub> = 2.5  
SEISMIC DESIGN CATEGORY "D"

### 1 BLOCKING AT PARTITION

SCALE: NTS



### 2 CORNER FRAMING

SCALE: NTS



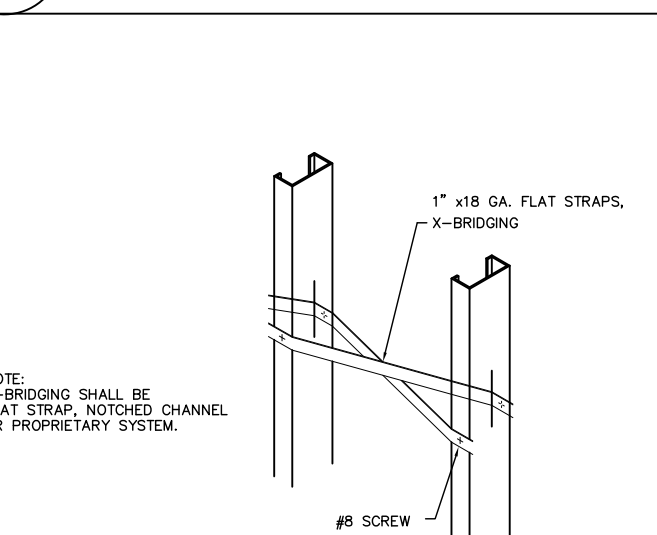
### 3 NEW WALL TO EXISTING WALL INTERSECTION FRAMING

SCALE: NTS



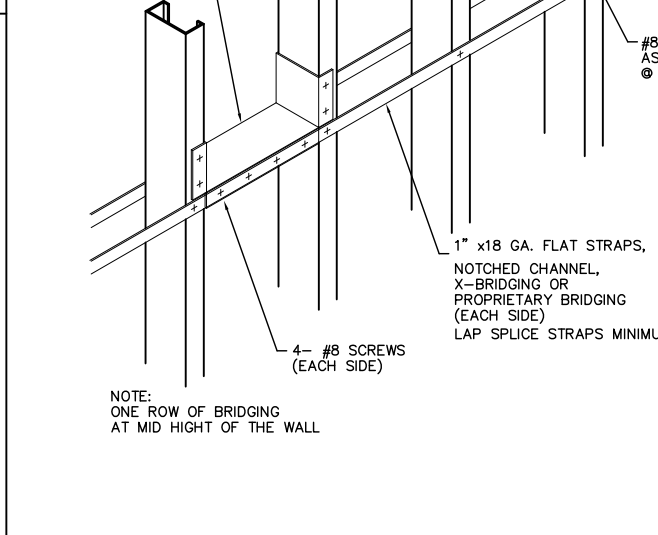
### 4 TOP & BOTTOM TRACK SPLICE

SCALE: NTS



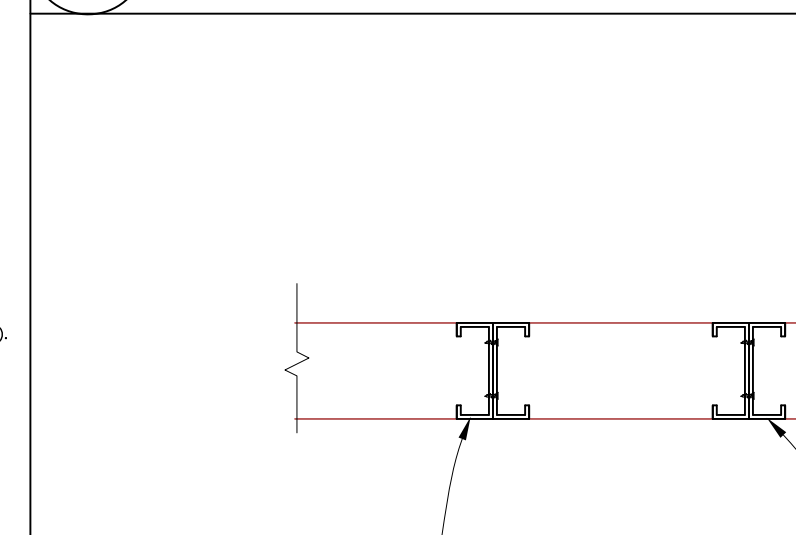
### 6 WALL BRIDGING ALTERNATE

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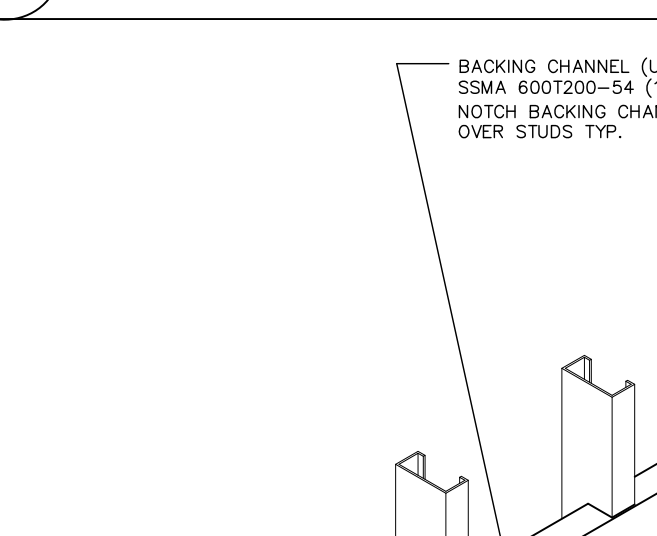
### 8 WALL BRIDGING

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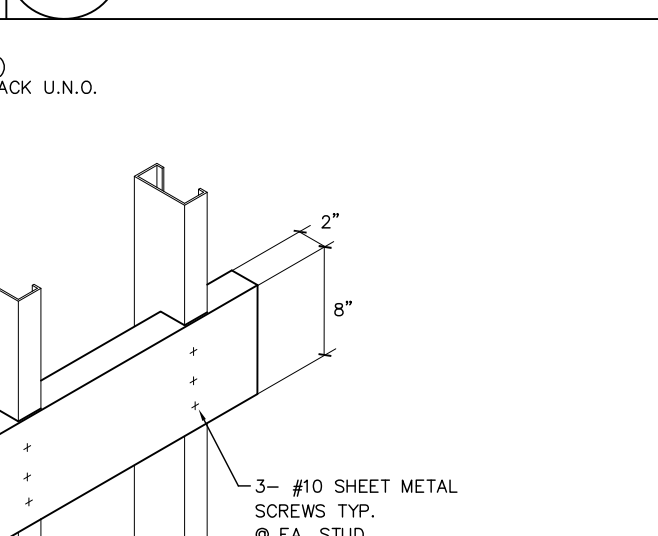
### 7 X-BRIDGING

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





**TCMC  
PHARMACY  
RETAIL ROOM**

**Tri-City Medical Center**

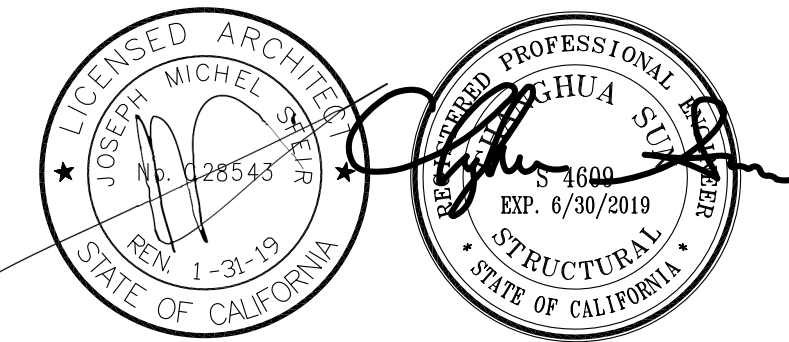
4002 Vista Way  
Oceanside, California 92056

OWNER: TRI-CITY MEDICAL CENTER  
4002 VISTA WAY  
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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.  
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CARLSBAD, CA 92011  
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MEP: P2S  
9665 CHESAPEAKE, SUITE 230  
SAN DIEGO, CA 92123  
TEL(619) 618-2347 FAX(619) 330-0668

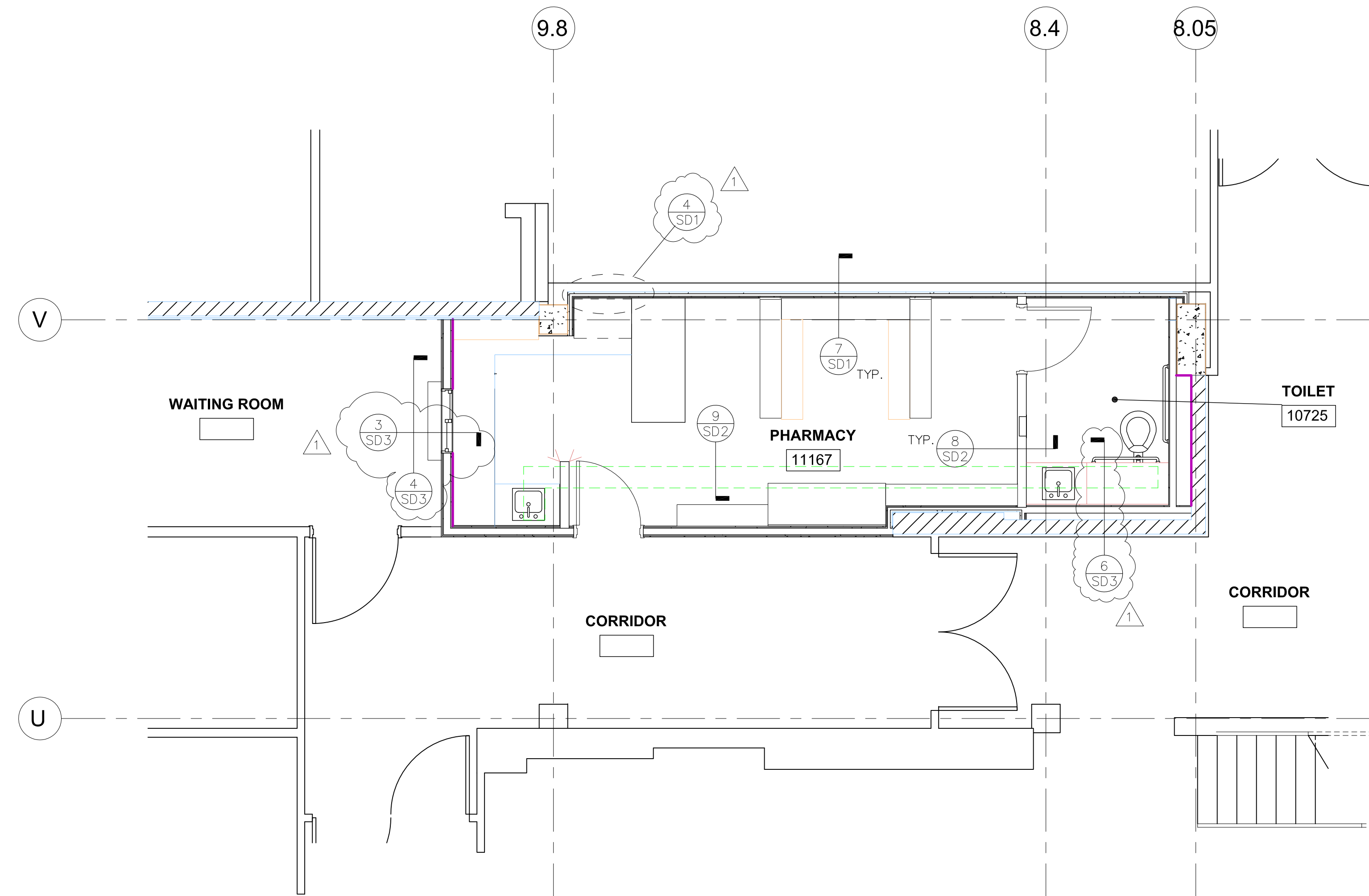


OSHPD COMMENTS 07/19/17

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:



**PARTIAL 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 APPROVED 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.

SHEET TITLE:

**PARTIAL FLOOR PLAN**

PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

PROJECT # 01641.00 SHEET NUMBER:

DRAWN BY:

CHECKED BY:

SCALE:

DATE: 06/26/14

**S-2**

OF



**TCMC  
PHARMACY  
RETAIL ROOM**

**Tri-City Medical Center**

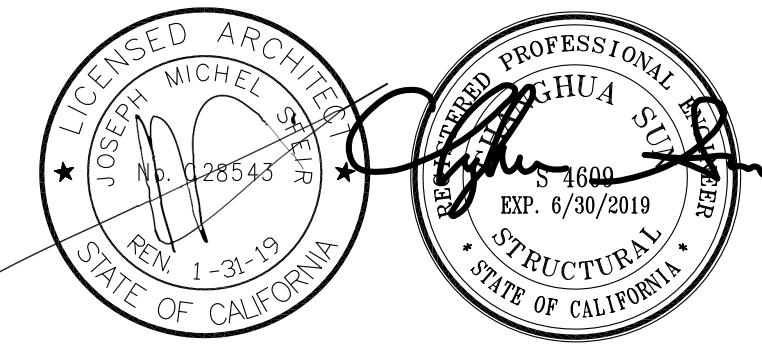
4002 Vista Way  
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**DETAILS**

PROJECT TITLE: TCMC PHARMACY RETAIL ROOM

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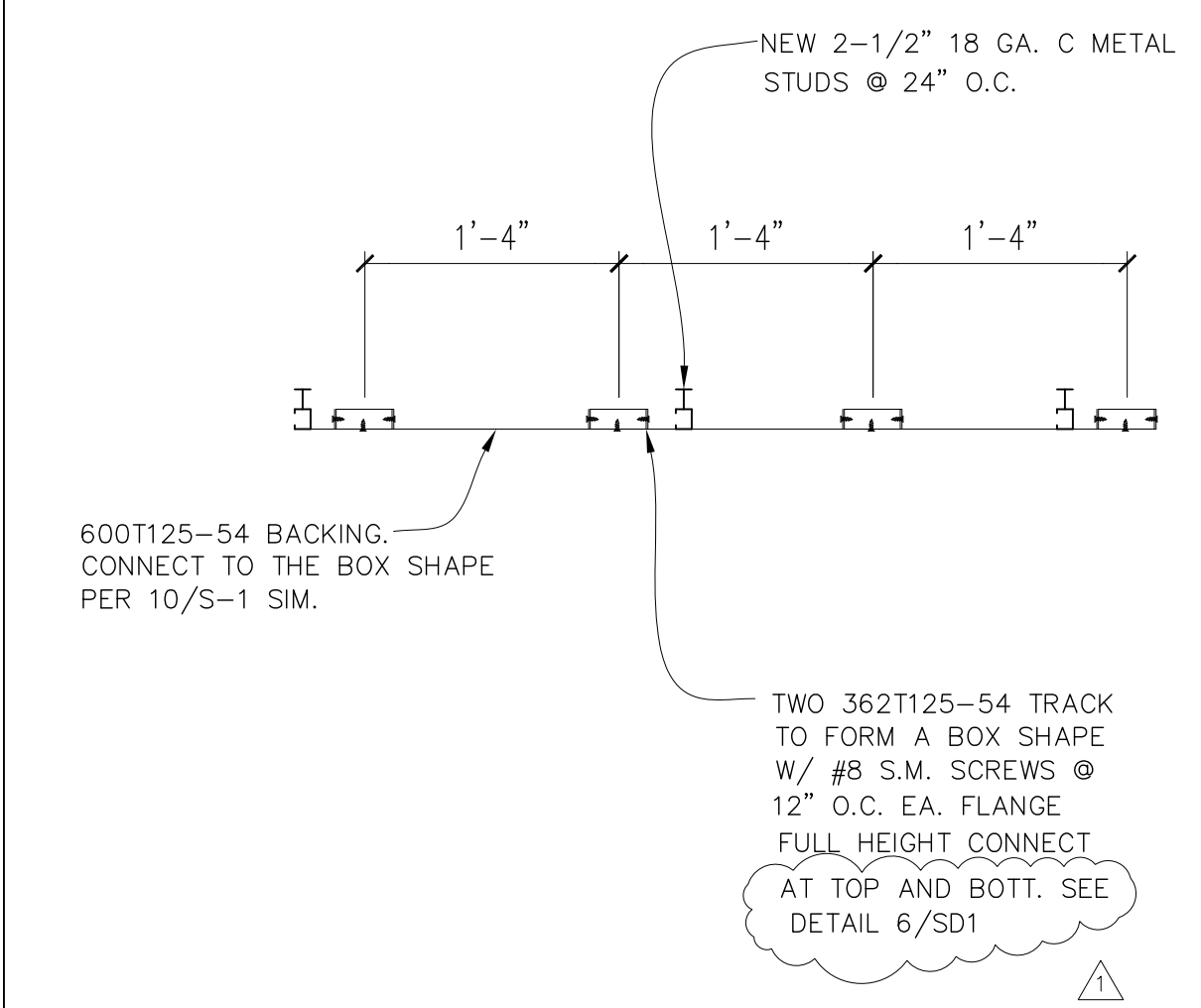
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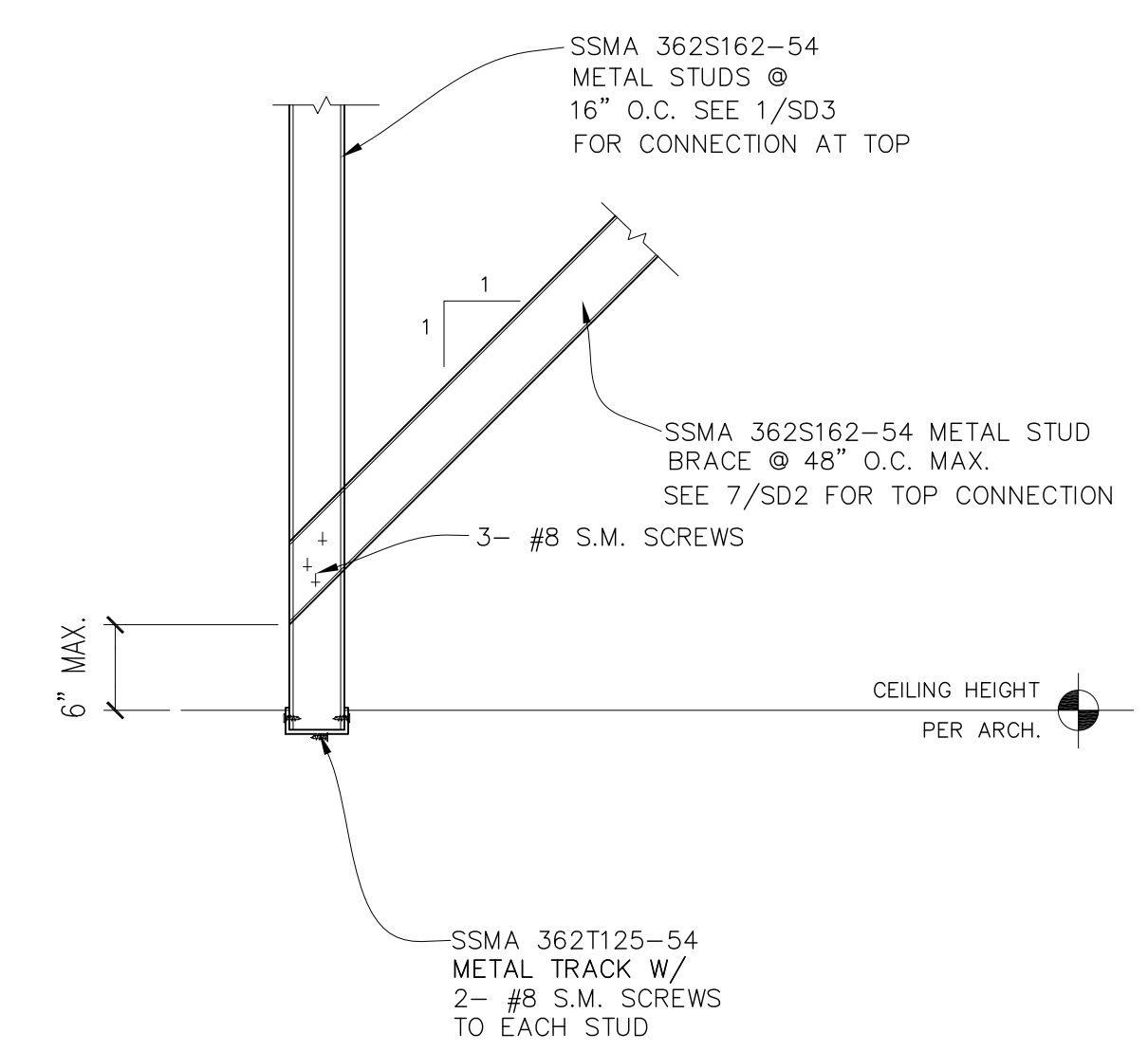
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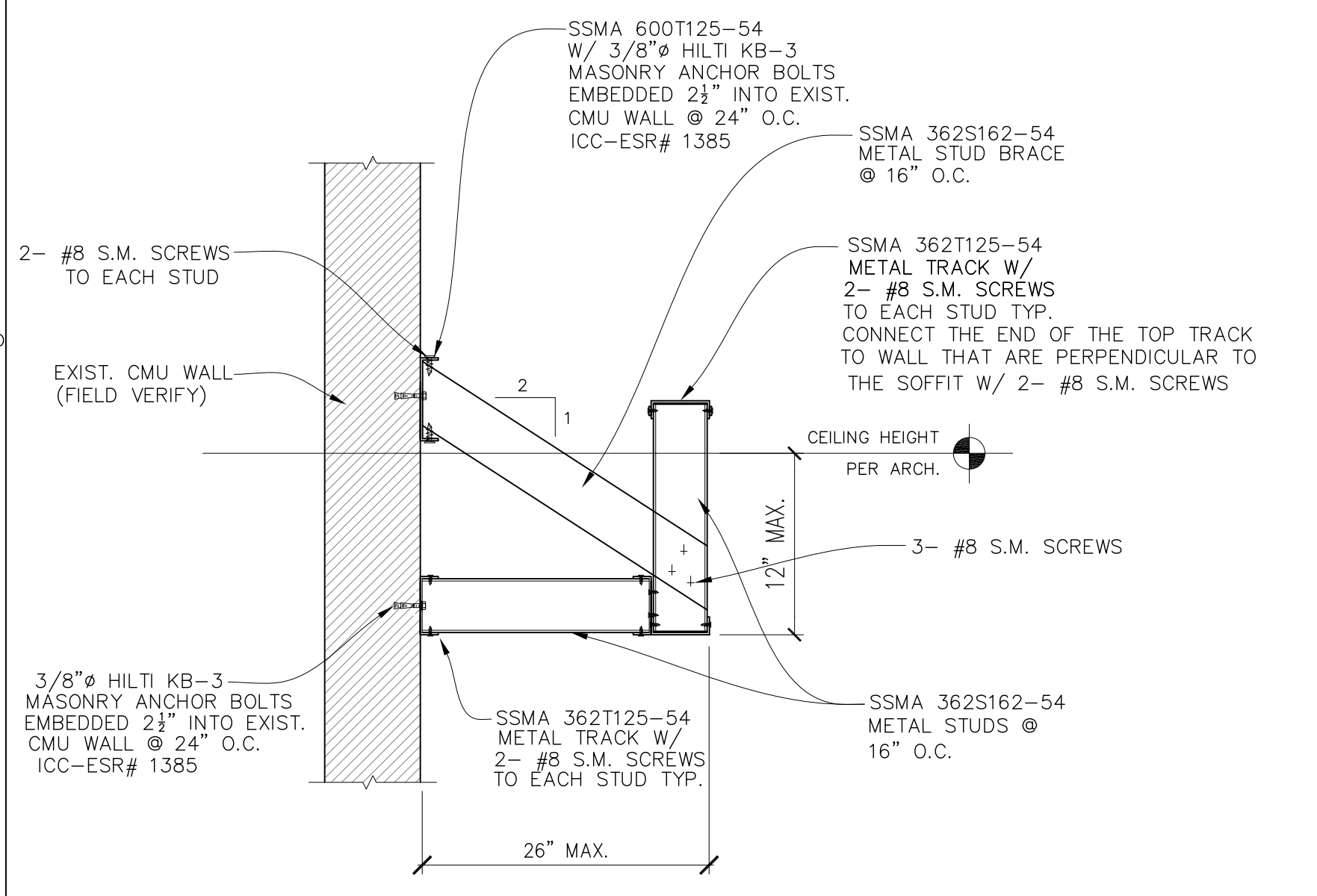
**SDI**



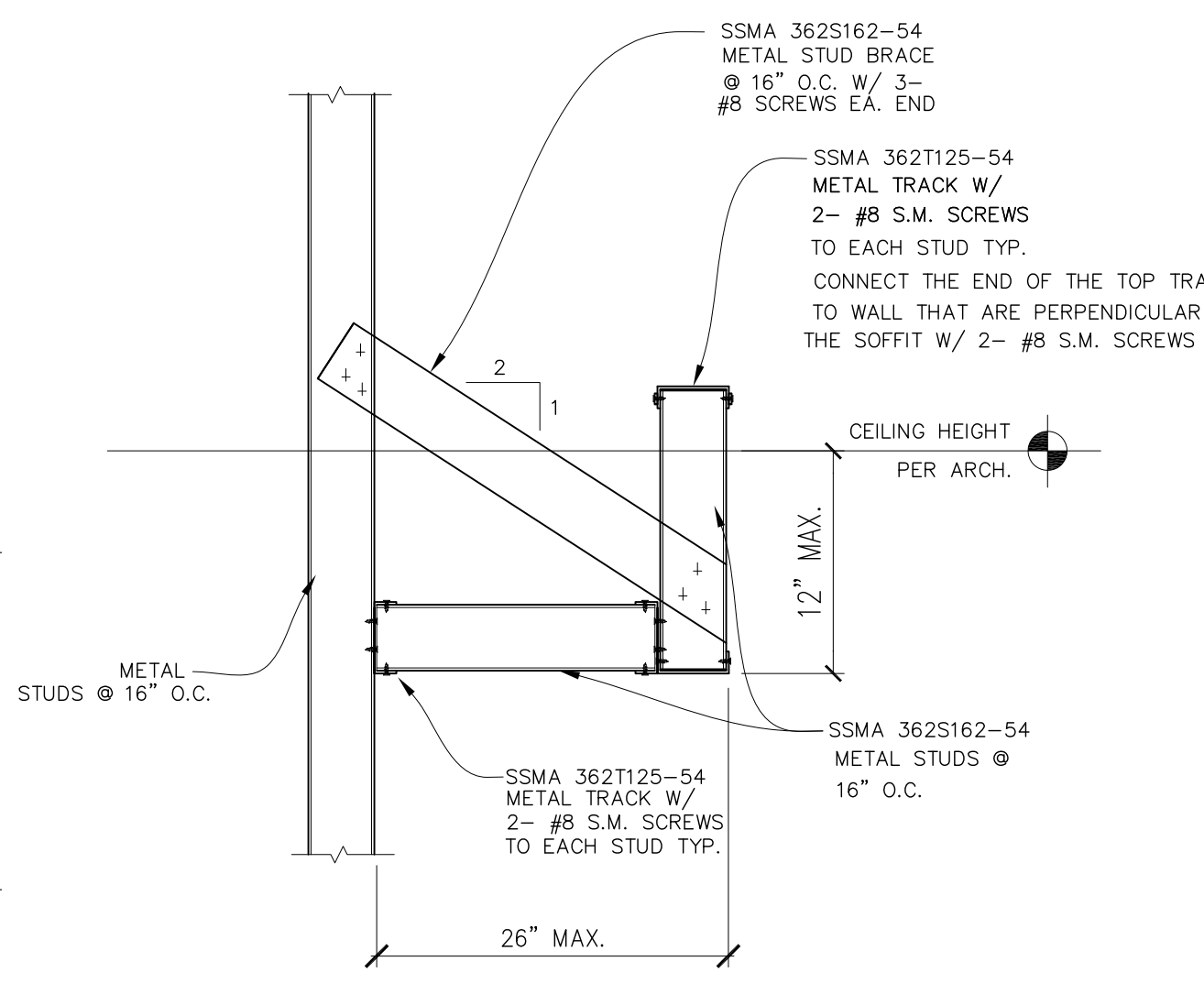
**4 REINFORCEMENT IN SHAFT WALL AT WALL HUNG CABINET AND FULL HEIGHT CABINET**  
SCALE: 1"=1'-0"



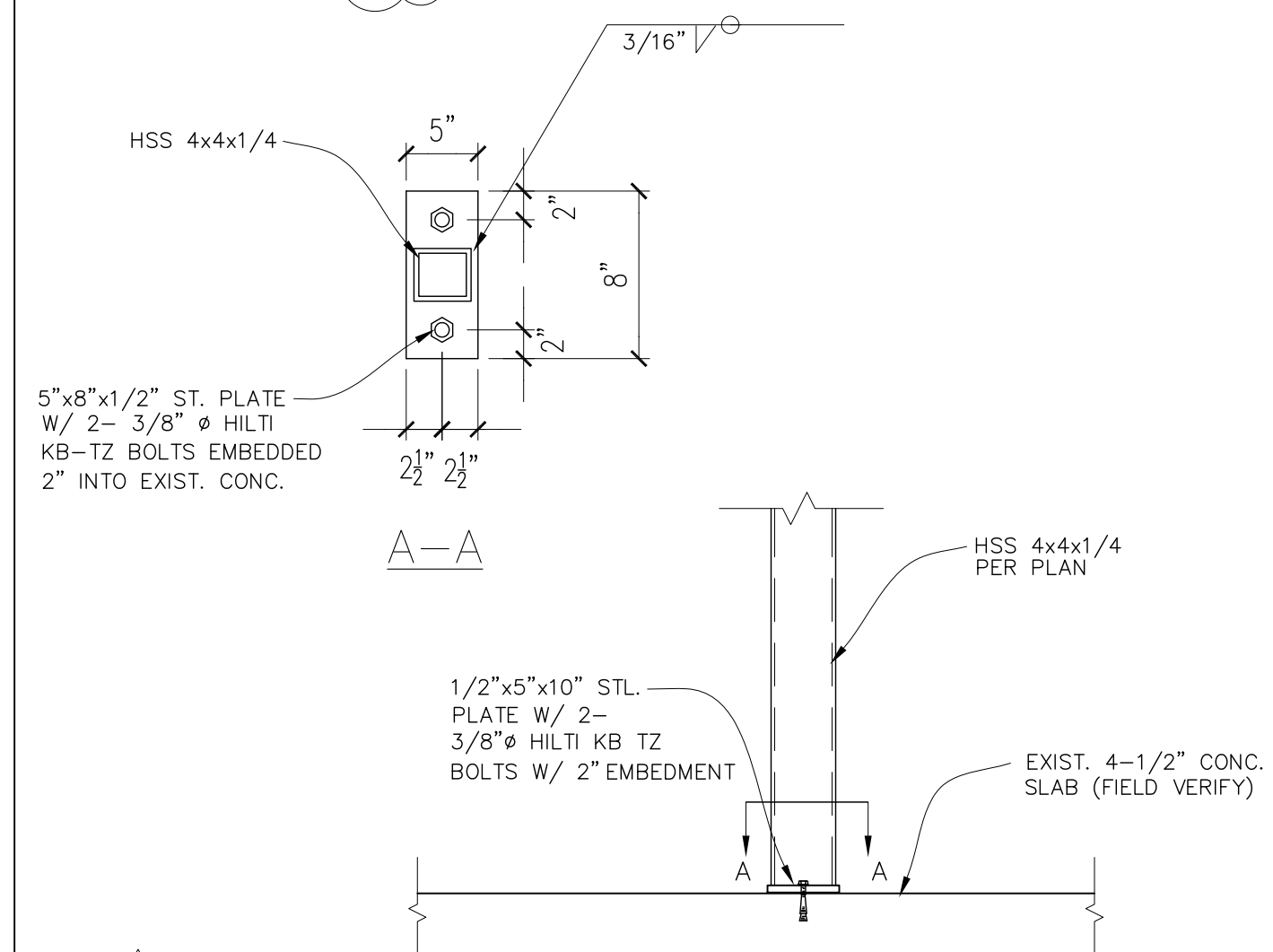
**3 SOFFIT DETAIL**  
SCALE: 1"=1'-0"



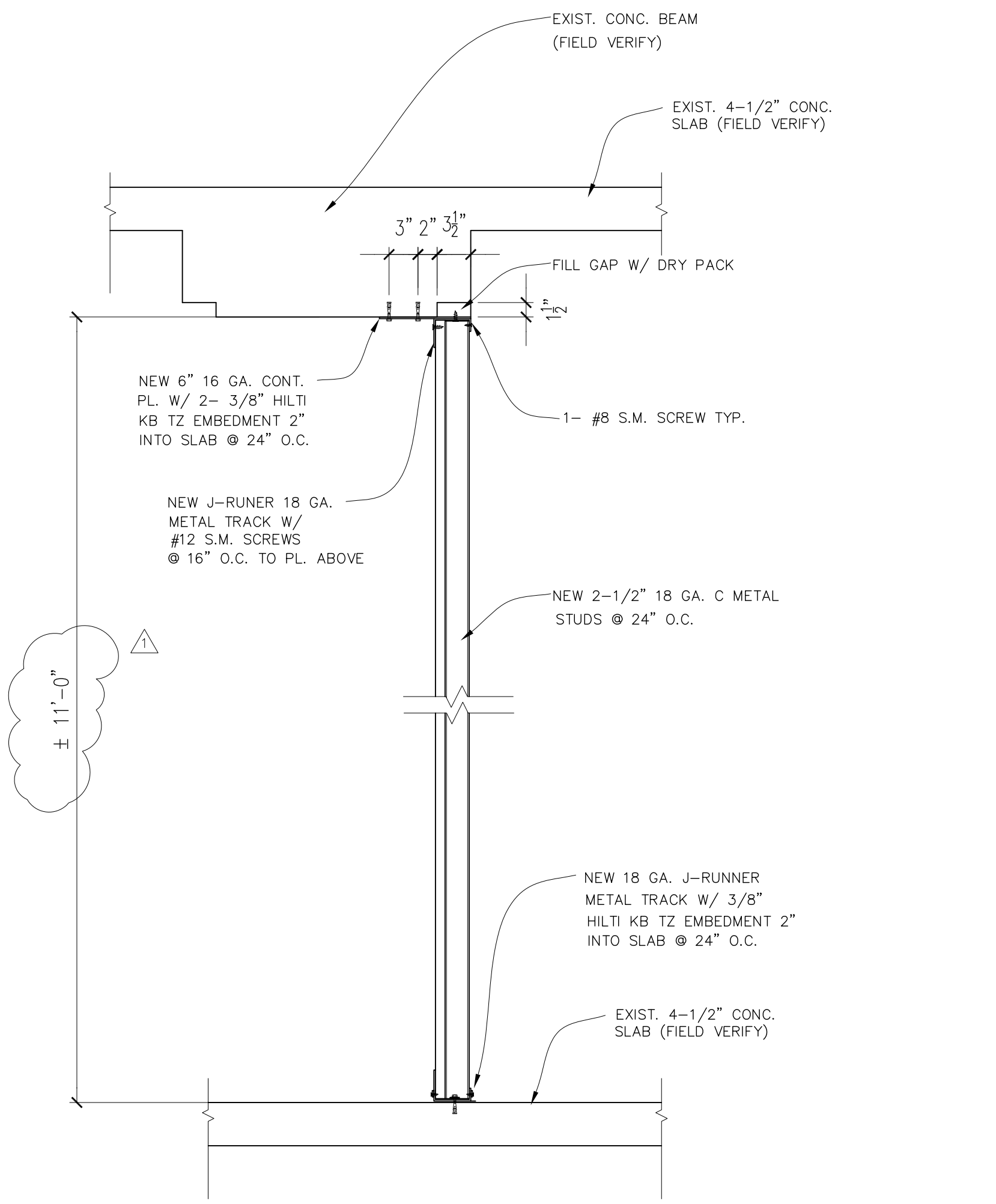
**2 SOFFIT DETAIL AT EXIST. MASONRY WALL**  
SCALE: 1"=1'-0"



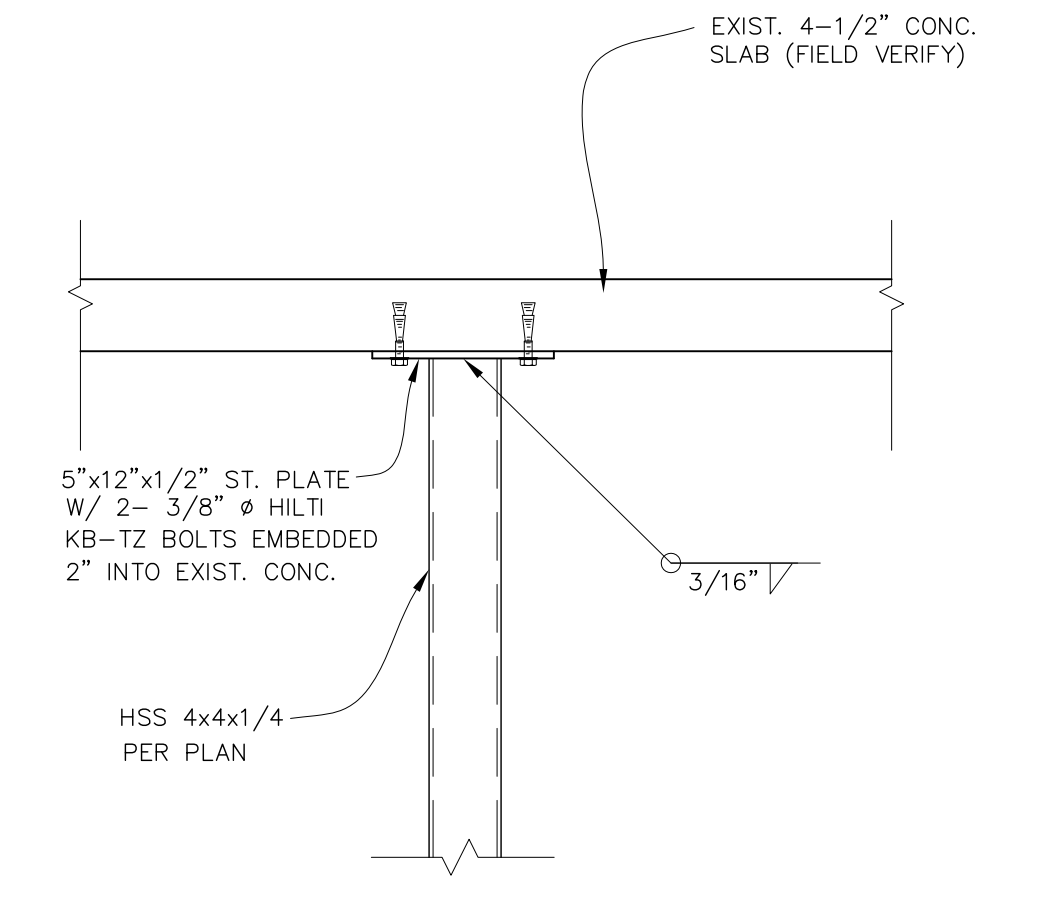
**1 SOFFIT DETAIL AT STUD WALL**  
SCALE: 1"=1'-0"



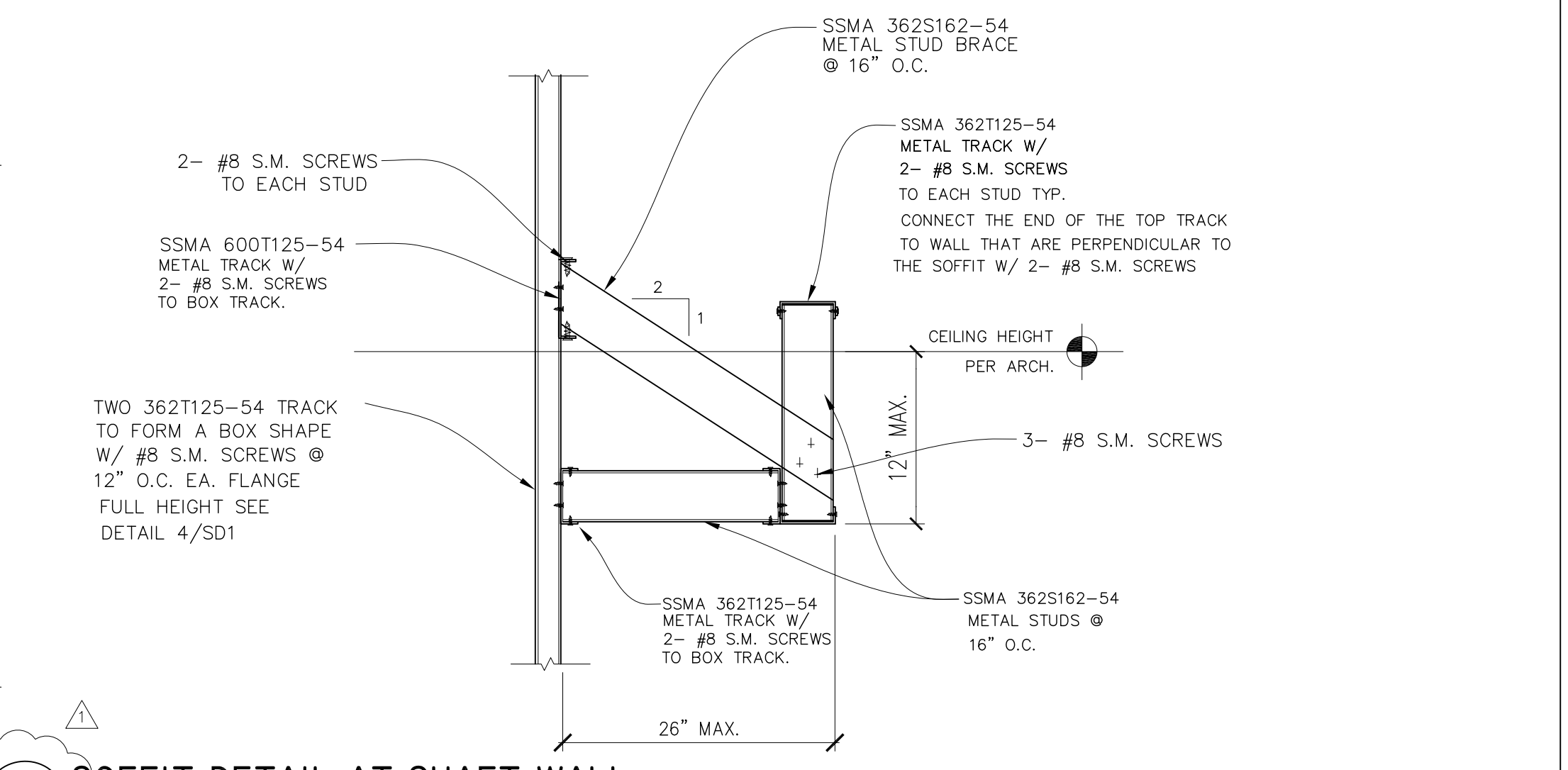
**8 CONNECTION**  
SCALE: 1"=1'-0"



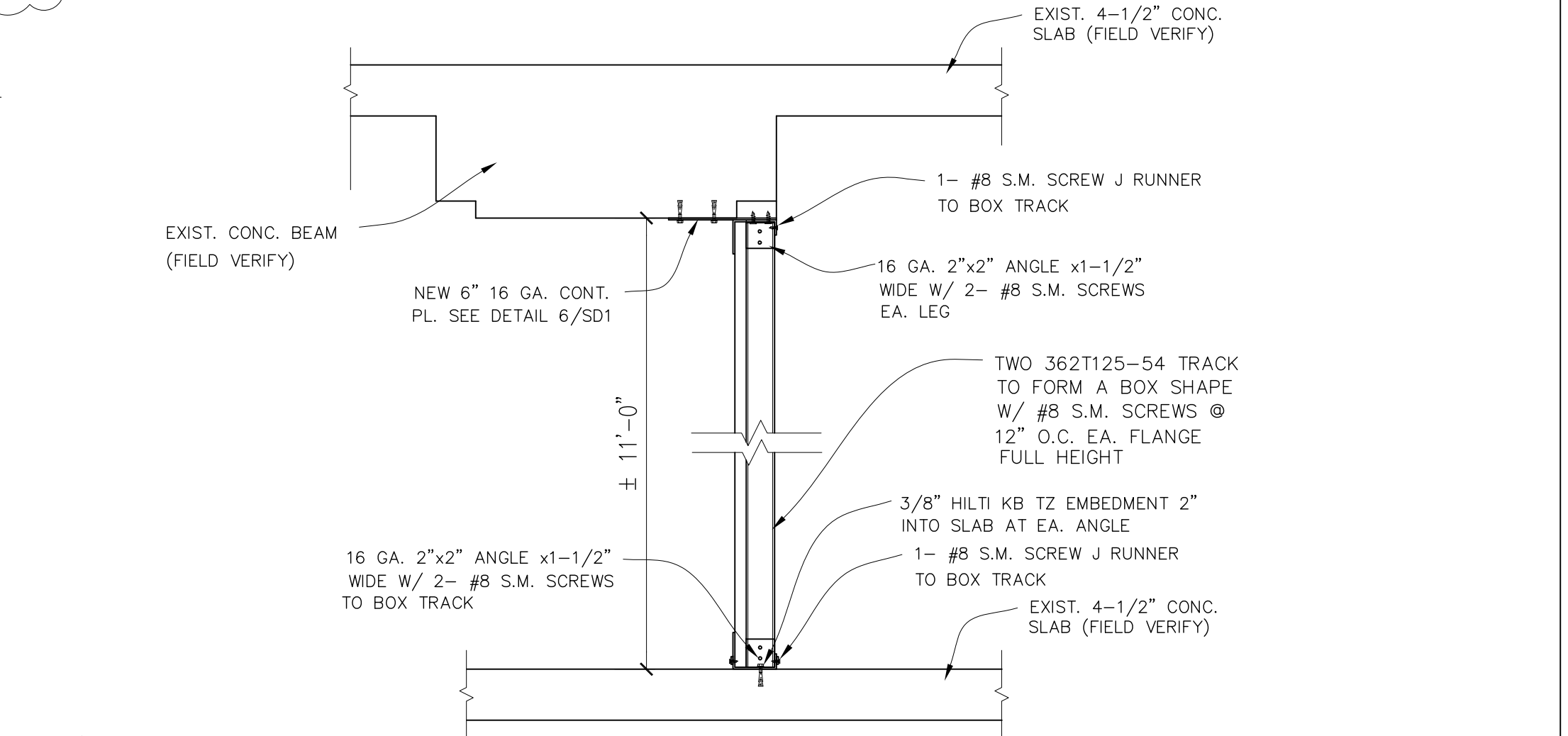
**7 SHAFT WALL**  
SCALE: 1"=1'-0"



**9 CONNECTION**  
SCALE: 1"=1'-0"



**5 SOFFIT DETAIL AT SHAFT WALL**  
SCALE: 1"=1'-0"



**6 SOFFIT DETAIL AT SHAFT WALL**  
SCALE: 1"=1'-0"





# TCMC PHARMACY RETAIL ROOM

## Tri-City Medical Center

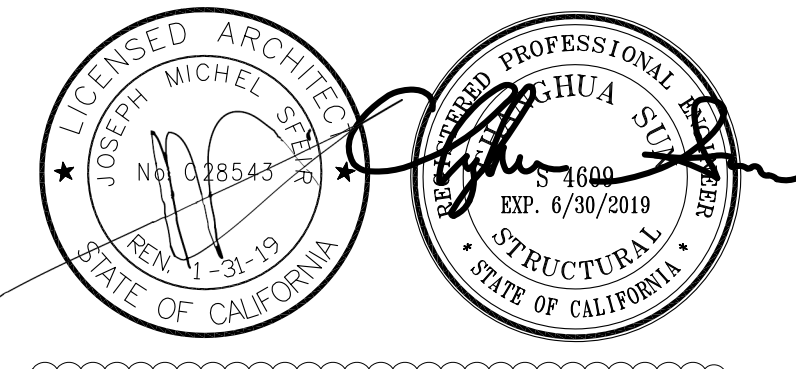
4002 Vista Way  
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OSHPD COMMENTS 07/19/17

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OSHPD APPROVAL STAMP:

SHEET TITLE:

### DETAILS

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TCMC PHARMACY RETAIL ROOM

PROJECT #: 01641.00 SHEET NUMBER:

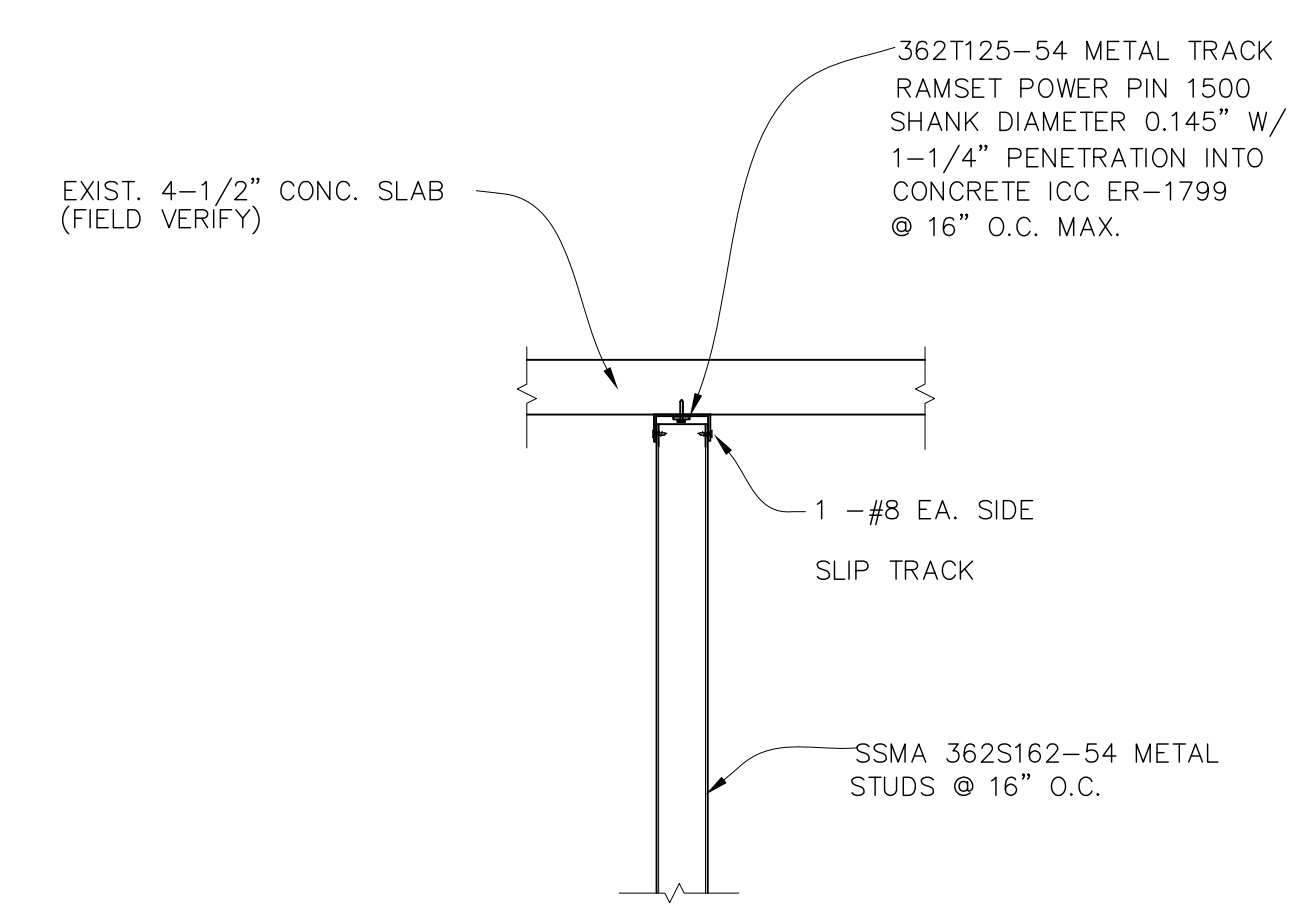
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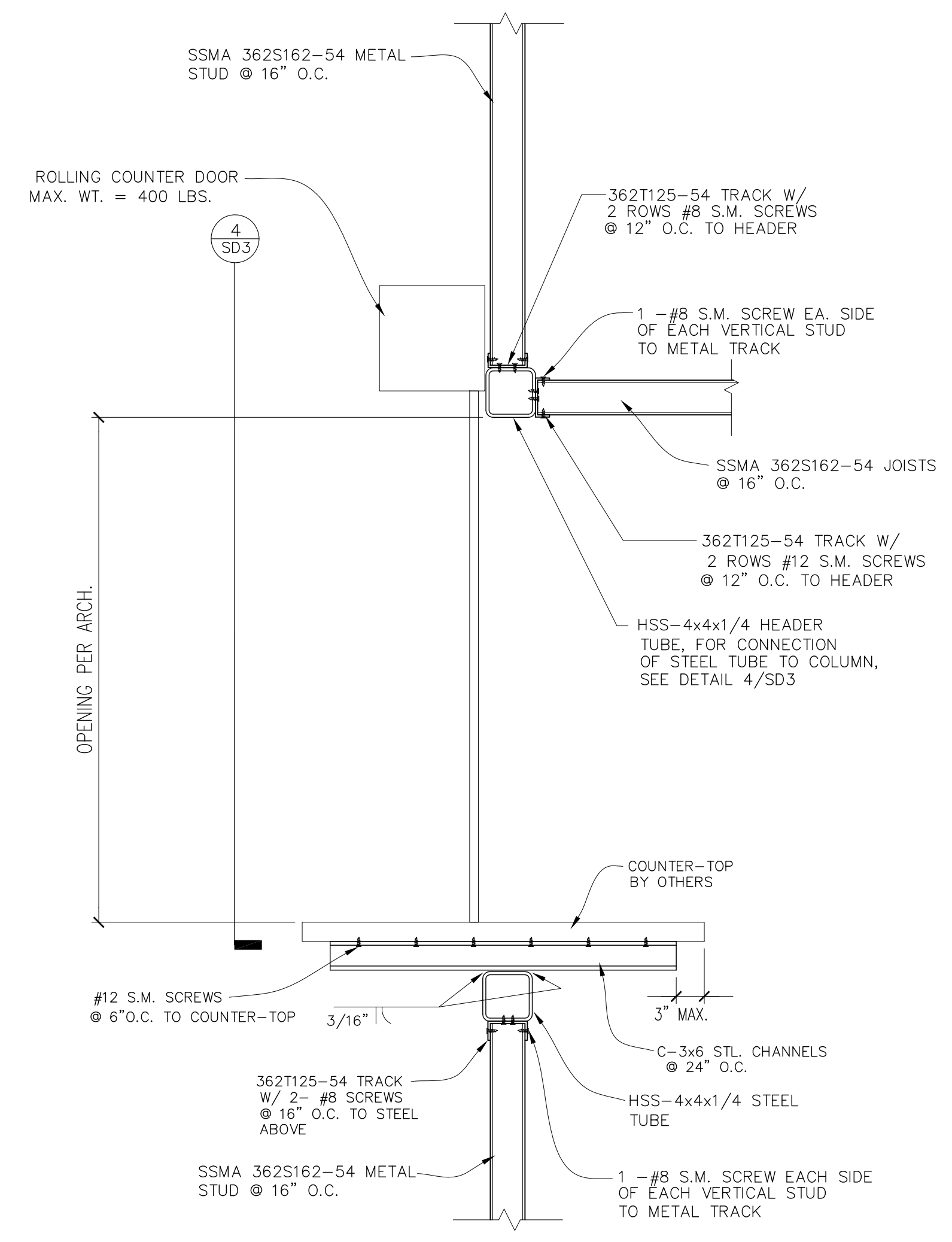
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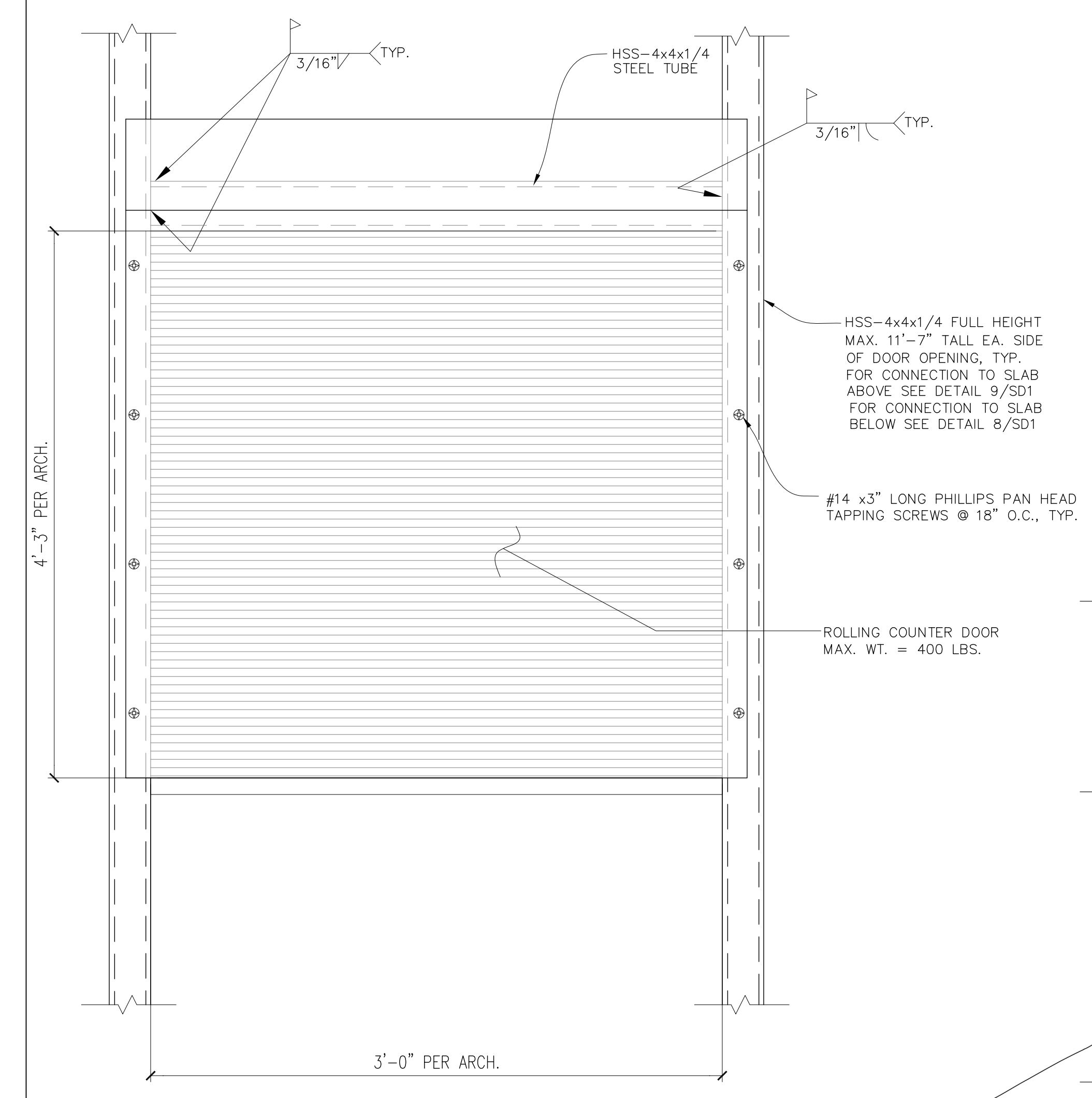
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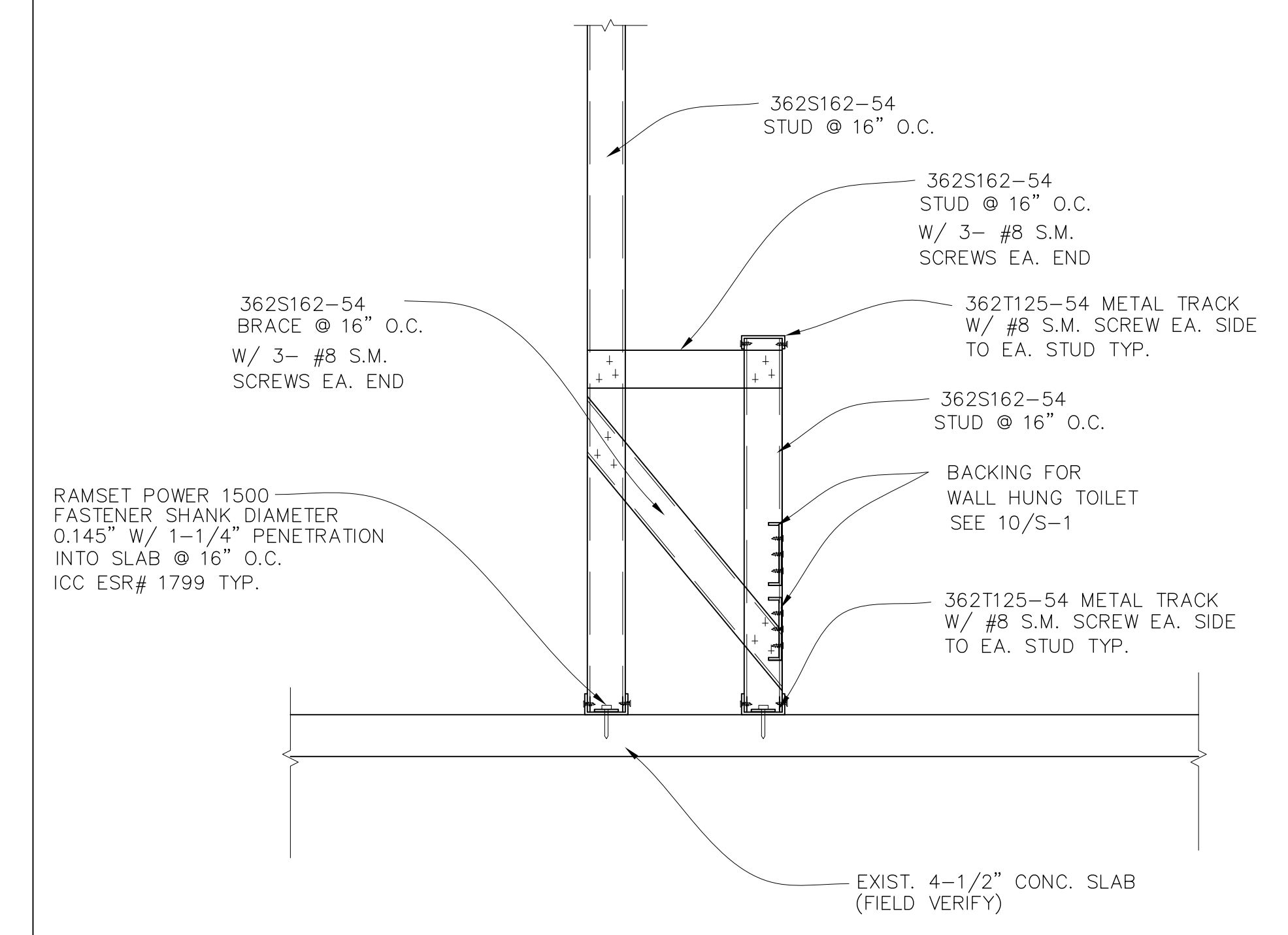
**1** CONNECTION  
SCALE: 1"=1'-0"



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



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



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



# LEGEND

SYMBOL	DESCRIPTION
	NOTE CALLOUT
	DETAIL CALLOUT - NUMBER ON TOP DENOTES DETAIL NUMBER - NUMBER ON BOTTOM DENOTES SHEET DETAIL IS SHOWN
	MECHANICAL EQUIPMENT CALLOUT, SEE MECHANICAL PLANS FOR EXACT LOCATION AND REQUIREMENTS
	SECTION CALLOUT
	POINT OF CONNECTION
	POINT OF DISCONNECTION
	NEW LINework
	EXISTING LINework
	DEMOLITION LINework
	NEW PIPING (SIZE-SERVICE)
	SHEET METAL DUCT
	HIDDEN SHEET METAL DUCT
	DIRECTION OF FLOW
	STANDARD BRANCH FOR SUPPLY AND RETURN
	ROUND ELBOW DOWN
	ROUND ELBOW UP
	RECTANGULAR TO ROUND TRANSITION
	FLEXIBLE DUCT
	FLEX CONNECTION
	FIRE DAMPER
	COMBINATION FIRE AND SMOKE DAMPER
	MOTORIZED DAMPER
	SUPPLY DIFFUSER: 2-WAY/3-WAY/4-WAY
	GRILLE: RETURN/EXHAUST
	1x2' RETURN AIR GRILLE
	2x2' RETURN AIR GRILLE
	SUPPLY AIR DUCT SECTION
	RETURN AIR DUCT SECTION
	EXHAUST AIR DUCT SECTION
	POWER OR GRAVITY ROOF VENTILATOR - EXHAUST
	POWER OR GRAVITY ROOF VENTILATOR - SUPPLY
	UNDERCUT DOOR
	TRANSFER GRILLE OR LOUVER
	DOOR GRILLE OR LOUVER
	SINGLE DUCT VAV BOX WITH REHEAT COIL
	SINGLE DUCT VAV BOX WITHOUT REHEAT COIL
	SPACE TEMPERATURE SENSOR
	SMOKE DETECTOR
SYMBOL	DESCRIPTION
	STATIC PRESSURE SENSOR

SYMBOL	DESCRIPTION
	DAMPER, OPPOSED BLADE
	DAMPER, PARALLEL BLADE
	FILTER
	LOUVER
	ACCESS DOOR OR ACCESS PANEL (AP) IN DUCTWORK
	TURNING VANES (RECTANGULAR)
	LOCALLY MOUNTED INSTRUMENT
	CARBON DIOXIDE SENSOR
	DIFFERENTIAL PRESSURE SENSOR
	FLOW METER
	AIRFLOW SENSOR
	RELATIVE HUMIDITY SENSOR
	TEMPERATURE SENSOR
	AVERAGING TEMPERATURE SENSOR

# SHEET INDEX

SHEET	DESCRIPTION
M0.1	GENERAL NOTES, LEGEND, SYMBOLS & SHEET INDEX SCHEDULES
M0.2	PARTIAL FIRST FLOOR DEMOLITION PLAN
M2.1	PARTIAL FIRST FLOOR RENOVATION PLAN
M6.1	DETAILS

# MECHANICAL PIPE AND DUCT SYSTEM SEISMIC SUPPORT NOTES

- MECHANICAL & PLUMBING:**
- SUPPORT AND BRACING FOR NEW PIPING, EXCEPT FIRE SPRINKLER PIPING, AND FOR NEW DUCTWORK SHALL BE PROVIDED PER OPM-0043-13 MASON SEISMIC RESTRAINT COMPONENTS FOR SUSPENDED UTILITIES OR OTHER APPROVED OSHPD OPM.
  - LAYOUT DRAWINGS, SHOWING THE BRACING/SUPPORT LOCATIONS AND REFERENCES TO DETAILS FROM THE RELEVANT OSHPD PRE-APPROVALS NEED TO BE SUBMITTED FOR USE BY THE INSPECTOR OF RECORD AND OSHPD FIELD STAFF. THE LAYOUT DRAWINGS, PREPARED PER ASCE 7 CHAPTER 13 AS MODIFIED BY CBC SECTIONS 1613A/1616A, SHALL BE PREPARED BY THE SUBCONTRACTOR AND SIGNED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF CALIFORNIA. REFERENCES TO DETAILS FROM THE OSHPD PRE-APPROVAL SHALL BE FOR AN ENTIRE DETAIL AS SUBMITTED OR REFERENCE SHALL BE FOR EACH ASPECT OF A SUBMITTED DETAIL. CUSTOM DETAILS SHALL BE PROVIDED FOR SITUATIONS WHERE OSHPD PRE-APPROVALS DO NOT APPLY. AT LEAST FOUR WEEKS PRIOR TO BEGINNING INSTALLATION, FOUR COPIES OF THE PLANS SHALL BE SUBMITTED TO THE ARCHITECT OF RECORD WHO WILL SUBMIT THEM TO THE STRUCTURAL ENGINEER OF RECORD FOR REVIEW AND APPROVAL. AFTER THIS APPROVAL, THE DRAWINGS WILL BE SUBMITTED TO THE OSHPD DISTRICT STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL. THE PLANS SHALL BE COORDINATED WITH THE PLANS OF OTHER TRADES. A COPY OF THE CHOSEN BRACING SYSTEM INSTALLATION GUIDE/MANUAL SHALL BE ON THE JOBSITE PRIOR TO STARTING THE INSTALLATION.
  - THE STRUCTURAL ENGINEER FOR THE CONTRACTOR SHALL DETERMINE THE APPROPRIATE SEISMIC FORCES BASED ON THE DESIGN CRITERIA SHOWN ON THE STRUCTURAL DRAWINGS.
  - ONCE THE EXACT LOCATIONS OF ALL PIPING AND DUCTWORK HAVE BEEN ESTABLISHED, THE STRUCTURAL ENGINEER MUST CHECK THE ADEQUACY OF THE SUPPORTING STRUCTURE TO ENSURE THAT THE ORIGINAL DESIGN IS STILL ADEQUATE. THE INSPECTOR OF RECORD SHALL INSURE THAT ALL WORK IS PROPERLY INSTALLED PER THE APPLICABLE OSHPD PRE-APPROVAL.

# ABBREVIATIONS

ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
ABV	ABOVE	KW	KILOWATTS
AC	AIR CONDITIONING UNIT	LAT	LEAVING AIR TEMPERATURE
AFF	ABOVE FINISHED FLOOR	LBS	POUNDS
AHU	AIR HANDLING UNIT	LD	LINEAR DIFFUSER
AP	ACCESS PANEL	LWT	LEAVING WATER TEMPERATURE
BDD	BACK DRAFT DAMPER	MAX	MAXIMUM
BHP	BRAKE HORSEPOWER	MBH	THOUSAND BTU PER HOUR
BLDG	BUILDING	MCA	MINIMUM CIRCUIT AMPS
BTU	BRITISH THERMAL UNIT	MIN	MINIMUM
CD	CEILING DIFFUSER	MOCP	MAXIMUM OVERLOAD CIRCUIT PROTECTION
CFM	CUBIC FEET PER MINUTE	NIC	NOT IN CONTRACT
CV	CONSTANT VOLUME BOX	OAT	OUTSIDE AIR TEMPERATURE
D	DRAIN	OBD	OPPOSED BLADE DAMPER
DB	DRY BULB	OSA	OUTSIDE AIR
DEG	DEGREES	PD	PRESSURE DROP
DIA	DIAMETER	PERF	PERFORATED
DN	DOWN	PH	PHASE
DX	DIRECT EXPANSION	POD	POINT OF DISCONNECT
(E)	EXISTING	PR	PRESSURE RELIEF
EA	EACH	PRV	PRESSURE REDUCING VALVE
EAT	ENTERING AIR TEMPERATURE	PSID	POUNDS PER SQUARE INCH DIFFERENTIAL
EF	EXHAUST FAN	PSIG	POUNDS PER SQUARE INCH GAUGE
EFF	EFFICIENCY	RA	RETURN AIR
EL	ELEVATION	RAR	RETURN AIR REGISTER
EQ	EQUAL	RF	RETURN FAN
ER	EXHAUST REGISTER	RHC	REHEAT COIL
ESP	EXTERNAL STATIC PRESSURE	RLA	RATED LOAD AMPS
EWT	ENTERING WATER TEMPERATURE	RPM	REVOLUTIONS PER MINUTE
°F	DEGREES FAHRENHEIT	SA	SUPPLY AIR
FC	FAN COOL UNIT	SAR	SUPPLY AIR REGISTER
FD	FIRE DAMPER	SD	SMOKE DAMPER
FLA	FULL LOAD AMPS	SF	SUPPLY FAN
FLR	FLOOR	SMBH	SENSIBLE MBH
FOB	FLAT ON BOTTOM	STD	STANDARD
FOT	FLAT ON TOP	TAD	TRANSFER AIR DUCT
FP	FIRE PUMP	TEMP	TEMPERATURE
FPI	FINS PER INCH	TG	TRANSFER GRILLE
FBM	FEET PER MINUTE	TMBH	TOTAL MBH
FT	FEET OR FOOT	TSP	TOTAL STATIC PRESSURE
FX	FLEXIBLE CONNECTION	TYP	TYPICAL
GA	GAUGE	UC	UNDERCUT
GALV	GALVANIZED	UON	UNLESS OTHERWISE NOTED
GC	GENERAL CONTRACTOR	V	VOLTS
GPH	GALLONS PER HOUR	VAV	VARIABLE AIR VOLUME UNIT
GPM	GALLONS PER MINUTE	VD	VOLUME DAMPER
HB	HOSE BIBB	VFD	VARIABLE FREQUENCY DRIVE
HD	HEAD	W	WITH
HP	HEAT PUMP	W/O	WITHOUT
HP	HORSEPOWER	WB	WET BULB
HT	HEIGHT	WC	WATER COLUMN
HZ	HERTZ	WG	WATER GAUGE
IN	INCHES	WT	WEIGHT

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.

# PROJECT NOTES

- CONTRACTOR SHALL COORDINATE ARCHITECTURAL REFLECTED CEILING PLANS WITH ALL DISCIPLINES TO VERIFY CLEARANCES BETWEEN HVAC DUCTS, HVAC PIPING, LIGHT FIXTURES, ELECTRICAL DATA CONDUITS, PLUMBING LINES, FIRE PROTECTION LINES, STRUCTURAL MEMBERS, ETC. SPECIAL ATTENTION IS REQUIRED ALONG THE LENGTH OF MAIN MECHANICAL SUPPLY AND RETURN AIR DUCTS WHERE THERE IS LIMITED CLEARANCE FOR PASSAGE OR ROUTING OF UTILITIES.
- THE SPACE FOR DUCT WORK & MECHANICAL EQUIPMENT FOR THIS PROJECT IS LIMITED. COORDINATION WITH OTHER TRADES IS CRITICAL. PROCEED WITH PREPARATION OF SHOP DRAWINGS IMMEDIATELY UPON RECEIVING AN AUTHORIZATION TO PROCEED FOR THE PROJECT. COMPLETE SHOP DRAWINGS PRIOR TO MATERIAL FABRICATION AND INSTALLATION. SHOP DRAWINGS SHALL BE REVIEWED BY COMMISSIONING AGENT, MEOR AND OWNERS REPRESENTATIVE PRIOR TO SUBMITTAL.
- PROVIDE ORIGINALLY PREPARED CONTRACTOR'S SHOP DRAWINGS IN ELECTRONIC FORMAT. IN ADDITION TO THE REQUIREMENTS SPECIFIED ELSEWHERE, THE SHOP DRAWINGS SHALL INCLUDE THE FOLLOWING:
  - DUCT, PIPE AND PLUMBING ELEVATIONS.
  - DOUBLE LINE DUCTWORK AND PIPING (6" AND LARGER).
  - ACTUAL SIZE OF PURCHASED EQUIPMENT. PER APPROVED CONTRACTOR'S SHOP DRAWINGS.
  - ACCESS PANELS INCLUDING CEILING PANELS.
  - ACCESS CLEARANCES FOR EQUIPMENT.
  - ACTUAL LOCATIONS OF CEILING DIFFUSERS, REGISTERS, AND RETURN REGISTERS.
  - LOCATIONS OF STRUCTURAL MEMBERS SUCH AS BEAMS.
  - ACTUAL LOCATIONS OF CONTROL PANELS AND POWER CONNECTIONS TO EQUIPMENT.
  - COLOR CODED DUCT AND PIPING BASED ON MATERIAL USED.
  - MINIMUM 1/4"=1'0" SCALE DRAWINGS.
  - LABEL AND TAG SCHEDULE FOR EQUIPMENT.
  - DUCT TRANSITIONS TO CLEAR BEAMS OR TIGHT AREAS.
  - ROOM TEMPERATURE SENSOR LOCATIONS.
  - POINT OF CONNECTION TO UTILITIES OUTSIDE THE BUILDING.
  - SECTIONS OR 3-D DRAWINGS OF CONGESTED AREAS.
  - GRID LINES.
  - UTILITY PROFILES FOR UNDERGROUND PIPING.
- DO NOT COMMENCE WITH ANY INSTALLATION, ORDERING OF ANY EQUIPMENT OR MATERIAL FABRICATION WITHOUT AN APPROVED SHOP DRAWING SUBMITTAL.
- FOR EACH SUBMITTAL, THE CONTRACTOR SHALL PROVIDE A LETTER (ON COMPANY LETTERHEAD) AND SIGNED BY THE PROJECT MANAGER INDICATING THE SUBMITTAL HAS BEEN FULLY IN HOUSE REVIEWED TO ENSURE FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS AND COORDINATION WITH OTHER TRADES. ANY EXCEPTIONS TO THE CONTRACT DOCUMENTS SHALL BE CLEARLY INDICATED ON THIS LETTER. ANY DISCREPANCIES/EXCEPTIONS NOT IDENTIFIED IN WRITING SHALL BE CORRECTED AT THE SOLE EXPENSE OF THE CONTRACTOR AND AT NO EXPENSE TO THE OWNER AND ENGINEER.

# GENERAL NOTES

- ALL WORK SHALL COMPLY WITH THE 2016 EDITIONS OF THE CALIFORNIA BUILDING, MECHANICAL, PLUMBING, AND OTHER APPLICABLE FEDERAL, STATE, OR LOCAL CODES AS ADOPTED AND ENFORCED BY THE LOCAL JURISDICTION. IN CASE THE PLANS SHOW MORE STRINGENT REQUIREMENTS, THE PLANS SHALL GOVERN THE DESIGN, YET NOTHING ON THE DESIGN DOCUMENTS SHALL BE INTERPRETED AS AUTHORITY TO VIOLATE CODE(S) OR REGULATION(S).
- SUBMISSION OF BID IN CONNECTION WITH THIS WORK SHALL IMPLY THAT THE BIDDER HAS EXAMINED THE JOB SITE UNDER WHICH THE CONTRACTOR WILL BE OBLIGATED TO OPERATE UNDER THIS CONTRACT. NO EXTRA CHARGE WILL BE ALLOWED FOR FAILURE OF ANY BIDDER TO EXAMINE THE SITE PRIOR TO BID.
- WHERE USED, THE TERM 'PROVIDE' SHALL MEAN 'FURNISH AND INSTALL'.

# GENERAL NOTES CONTINUED

- IN THE EVENT OF A CONFLICT OR INCONSISTENCY BETWEEN ITEMS INDICATED ON DESIGN PLANS / SPECIFICATIONS WITH CODE REQUIREMENTS, THE MORE STRINGENT STANDARD SHALL PREVAIL.
- THIS CONTRACTOR SHALL FURNISH LABOR, MATERIALS, EQUIPMENT, AND TRANSPORTATION AS REQUIRED TO PROPERLY INSTALL ALL NEW HVAC SYSTEMS OR RELATED COMPONENTS AS INDICATED ON PLANS AND SPECIFIED HEREIN.
- ALL NEW EQUIPMENT AND MATERIAL TO BE INSTALLED AS PART OF THIS PROJECT SHALL BEAR AN UNDERWRITERS' LABORATORIES LABEL (UL), AND INSTALLED IN SUCH A MANNER FOR WHICH THEY ARE DESIGNED AND APPROVED.
- THIS CONTRACTOR SHALL DOCUMENT AND RELAY ANY MAJOR DEVIATIONS FROM THE DESIGN DOCUMENTS, AND ATTAIN APPROVAL FROM THE MECHANICAL ENGINEER BEFORE PROCEEDING. AS-BUILT COPIES SHALL BE PROVIDED INDICATING ALL CHANGES / DEVIATIONS MADE DURING CONSTRUCTION.
- ALL WORK SHALL BE PERFORMED IN A CLEAN AND WORKMANLIKE MANNER. CARE SHALL BE EXERCISED TO MINIMIZE ANY INCONVENIENCE OR DISTURBANCE TO OTHER AREAS OF THE BUILDING WHICH ARE TO REMAIN IN OPERATION. ISOLATE WORK AREAS BY MEANS TO KEEP DUST AND DIRT WITHIN THE CONSTRUCTION AREA.
- NO PIPING, EQUIPMENT, ETC. SHALL BE REMOVED, DISCONNECTED OR SHUT DOWN WITHOUT PRIOR REVIEW WITH THE OWNER TO CONFIRM THAT AREAS TO REMAIN IN OPERATION WILL NOT BE AFFECTED. IF ANY AREAS NOT WITHIN THE SCOPE OF WORK ARE AFFECTED BY ANY SHUTDOWN, REMOVAL OR DISCONNECTION, SUFFICIENT ADVANCE NOTICE MUST BE GIVEN TO THE OWNER INDICATING WHICH AREAS WILL BE AFFECTED, WHEN THE PROPOSED SHUTDOWN WILL OCCUR, AND FOR HOW LONG A PERIOD OF TIME.
- THE ARRANGEMENT OF EQUIPMENT AND PIPING SHOWN ON THE DRAWINGS IS BASED UPON INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF DESIGN AND IS NOT INTENDED TO SHOW EXACT DIMENSIONS PECULIAR TO A SPECIFIC MANUFACTURER. THE DRAWINGS ARE, IN PART, DIAGRAMMATIC AND SOME FEATURES OF THE ILLUSTRATED EQUIPMENT INSTALLATION MAY REQUIRE REVISION TO MEET ACTUAL EQUIPMENT INSTALLATION REQUIREMENTS. STRUCTURAL SUPPORTS, FOUNDATIONS, CONNECTED PIPING, VALVES AND ELECTRICAL CONDUIT SPECIFIED MAY HAVE TO BE ALTERED TO ACCOMMODATE THE EQUIPMENT PROVIDED. NO ADDITIONAL PAYMENT WILL BE MADE FOR SUCH REVISIONS AND ALTERATIONS.
- THIS CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT THE SITE MAKING FIELD MEASUREMENTS AND SHOP DRAWINGS NECESSARY FOR FABRICATION OR ERECTION OF HVAC SYSTEMS. MAKE ALLOWANCE FOR BEAMS, PIPES AND OTHER OBSTRUCTIONS IN BUILDING CONSTRUCTION. CHECK DRAWINGS SHOWING WORK OF OTHER TRADES AND CONSULT WITH THE OWNERS REPRESENTATIVE IN THE EVENT OF POTENTIAL INTERFERENCE. SHOP DRAWINGS SHALL BE MINIMUM 1/4"=1'-0" SCALE, INDICATING FITTINGS, SIZES, WELDS AND CONFIGURATIONS AND SUBMITTED TO ENGINEER FOR REVIEW.
- THIS CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER TRADES PRIOR TO FABRICATION, PURCHASE AND/OR INSTALLATION OF ALL WORK.
- BEFORE COMMENCEMENT OF WORK, THIS CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS, ELEVATIONS, AND CHARACTERISTICS OF ALL UTILITIES.
- CONTRACTOR SHALL SECURE AND PAY ALL FEES AND PERMITS PERTAINING TO THE CONTRACT.
- EXISTING MATERIALS THAT ARE REMOVED SHALL NOT BE REUSED IN NEW SYSTEMS, EXCEPT WHERE INDICATED AS BEING RELOCATED.
- ALL EQUIPMENT SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE MANUFACTURERS WRITTEN INSTRUCTIONS.
- GALVANIZED SHEET METAL SHALL BE PROVIDED FOR ALL HVAC DUCT SYSTEMS, AND CONSTRUCTED / SUPPORTED / INSTALLED IN ACCORDANCE WITH THE 2010 CALIFORNIA MECHANICAL CODE AND THE LATEST SMACNA STANDARDS.
- ALL PIPING SHALL BE INSTALLED AS INDICATED ON THE DRAWINGS IN A NEAT WORKMANSHIP-LIKE MANNER AND BE SUPPORTED AS REQUIRED BY CODES. PIPING SHALL BE SET UP AND DOWN AND OFFSET AS REQUIRED TO SUIT FIELD CONDITIONS. DIELECTRIC COUPLINGS SHALL BE USED WHERE DISSIMILAR METALS ARE JOINED.
- THIS CONTRACTOR SHALL PROVIDE ALL NECESSARY SUPPORTS FOR FIXTURES, DUCTWORK, PIPING, AND MECHANICAL EQUIPMENT. IN ORDER TO COMPLY WITH CALIFORNIA BUILDING CODE, SMACNA INSTALLATION STANDARDS, AND ALL RELATED LOCAL ORDINANCES.
- THIS CONTRACTOR SHALL NOT BORE, NOTCH, CUT, OR PENETRATE INTO A STRUCTURAL MEMBER WITHOUT WRITTEN APPROVAL FROM A DESIGNATED STRUCTURAL ENGINEER AND THE OWNER.
- ALL PIPE ELBOWS SHALL BE LONG RADIUS UNLESS OTHERWISE SPECIFICALLY NOTED ON THE DRAWINGS.
- ISOLATE AND DRAIN EXISTING PIPING SYSTEM AS REQUIRED TO ACCOMMODATE INSTALLATION OF THE WORK.
- ALL MATERIAL EXPOSED WITHIN RA PLENUMS SHALL BE NON-COMBUSTIBLE OR SHALL HAVE A FLAME SPREAD INDEX NOT GREATER THAN 25 AND SMOKE DEVELOPED INDEX NOT GREATER THAN 50. COMPLY WITH CMC-602.2.
- 2016 CBC MECHANICAL, ELECTRICAL AND PLUMBING EQUIPMENT ANCHORAGE NOTES:
 

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE OSHPD APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCES AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2016 CBC SECTIONS 1615A.1.17 THROUGH 1616A.1.27 AND ASCE 7-10 CHAPTER 13.

  - ALL PERMANENT EQUIPMENT AND COMPONENTS.
  - TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.
  - MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

THE ATTACHMENT OF THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENT SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.

  - COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORTS THE COMPONENT.
  - COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.
- PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTES:
 

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-10 SECTION 13.3 AS DEFINED IN ASCE 7-10 13.6.1 TO 13.6.8 AND 2016 CBC SECTIONS 1616A.1.23, 1616A.1.24, 1616A.1.25 AND 1616A.1.26.

COPIES OF THE MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF HANGING AND BRACING OF THE PIPE, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS.

THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

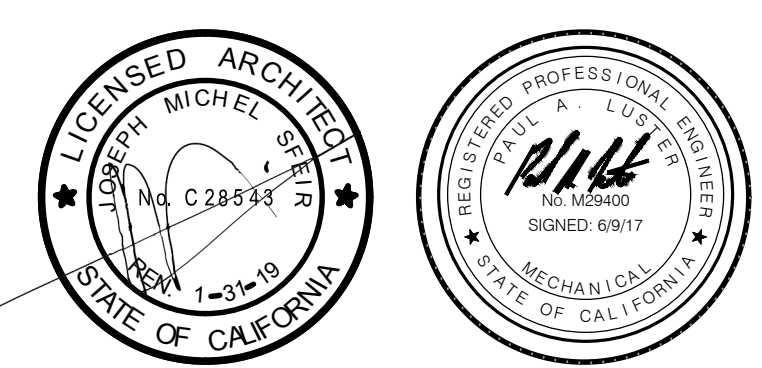
# S F E I R ARCHITECTS

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# TCMC PHARMACY RETAIL ROOM

# TRI-CITY MEDICAL CENTER 4002 VISTA WAY 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
STRUCTURAL:	SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
ME&P:	P2S 9665 CHESAPEAKE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347



REV.	DESCRIPTION	DATE
1	OSHPD COMMENTS	07/19/17

OSHPD APPROVAL STAMP:  
OSHPD #:

SHEET TITLE:  
**GENERAL NOTES, LEGENDS, SYMBOLS, & SHEET INDEX**

PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

PROJECT #:  
01641.00

SHEET NUMBER:  
M0.1

DRAWN BY:  
ED

CHECKED BY:  
RS

SCALE:  
NA

DATE:  
06/19/2017

# TCMC PHARMACY RETAIL ROOM

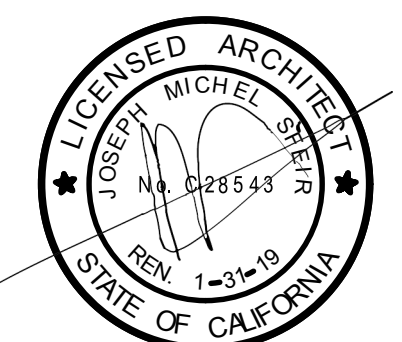
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OSHPD COMMENTS 07/19/17

REV: DESCRIPTION DATE  
CONSULTANT

OSHPD APPROVAL STAMP:  
OSHPD #:

SHEET TITLE:  
SCHEDULES

PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

PROJECT # 01641.00 SHEET NUMBER:  
DRAWN BY: ED  
CHECKED BY: RS  
SCALE: NA  
DATE: 06/19/2017

M0.2

AIR BALANCE SCHEDULE																											
ROOM NUMBER	ROOM NAME	ROOM AREA (SF)	CEILING HEIGHT (FT)	CODE REQUIREMENTS PER 2016 CMC TABLE 4-A								PROPOSED DESIGN								ACTUAL <sup>2</sup>							REMARKS
				ROOM SUPPLY (CFM)	ROOM EXHAUST (CFM)	ROOM RETURN (CFM)	ROOM OUTSIDE AIR (CFM)	ROOM TOTAL AIR CHANGES (AC/HR)	ROOM OUTSIDE AIR (AC/HR)	AIR BALANCE RELATIONSHIP TO ADJACENT AREAS <sup>1</sup>	ROOM EXHAUST (YES/NO)	ROOM SUPPLY (CFM)	ROOM EXHAUST (CFM)	ROOM RETURN (CFM)	ROOM TOTAL AIR CHANGES (AC/HR)	ROOM OUTSIDE AIR (AC/HR)	ROOM EXHAUST (AC/HR)	AIR BALANCE RELATIONSHIP TO ADJACENT AREAS <sup>1</sup>	ROOM SUPPLY (CFM)	ROOM EXHAUST (CFM)	ROOM RETURN (CFM)	ROOM TOTAL AIR CHANGES (AC/HR)	ROOM OUTSIDE AIR (AC/HR)	ROOM EXHAUST (AC/HR)			
10725	TOILET ROOM	70	8	70	95	-	-	10		N	YES	125	150	-	16	4.45	16										
11167	PHARMACY	275	8	145	-	120	73	4	2	P	NO	415	375	-	11.30	3.80	-										

<sup>1</sup> P = POSITIVE, NR = NO REQUIREMENT FOR CONTINUOUS DIRECTIONAL CONTROL, N = NEGATIVE. <sup>2</sup> TO BE COMPLETED BY CONTRACTOR.

GRILLES, REGISTERS, DIFFUSERS							
MARK	DESCRIPTION	MATERIAL	STYLE	FRONT BLADES	DAMPER	FINISH	REMARKS
CD-1	PRICE SMCD	STEEL	LAY-IN	MODULAR	N/A	<sup>1</sup>	<sup>2</sup>
CD-2	PRICE SMCD	STEEL	HARD LID	MODULAR	N/A	<sup>1</sup>	
EG-1	PRICE PDDR	STEEL	LAY-IN	PERFORATED	N/A	<sup>1</sup>	<sup>2</sup>
EG-2	PRICE 530	STEEL	HARD LID	HORIZONTAL	N/A	<sup>1</sup>	

<sup>1</sup> COORDINATE WITH ARCHITECT. <sup>2</sup> PROVIDE W/ FILLER PANEL.

# TCMC PHARMACY RETAIL ROOM

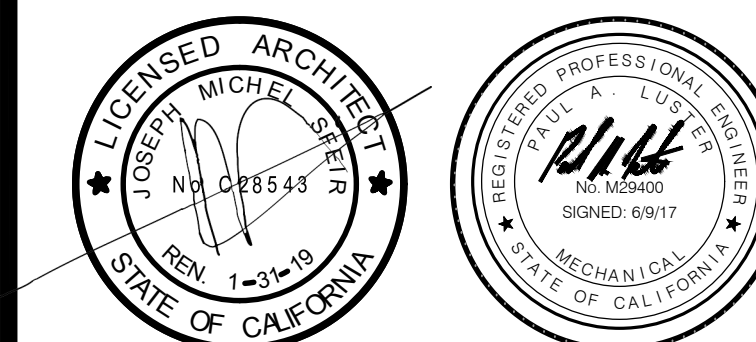
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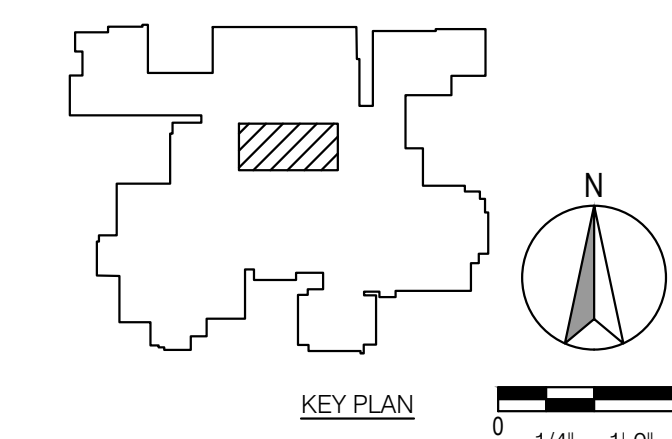
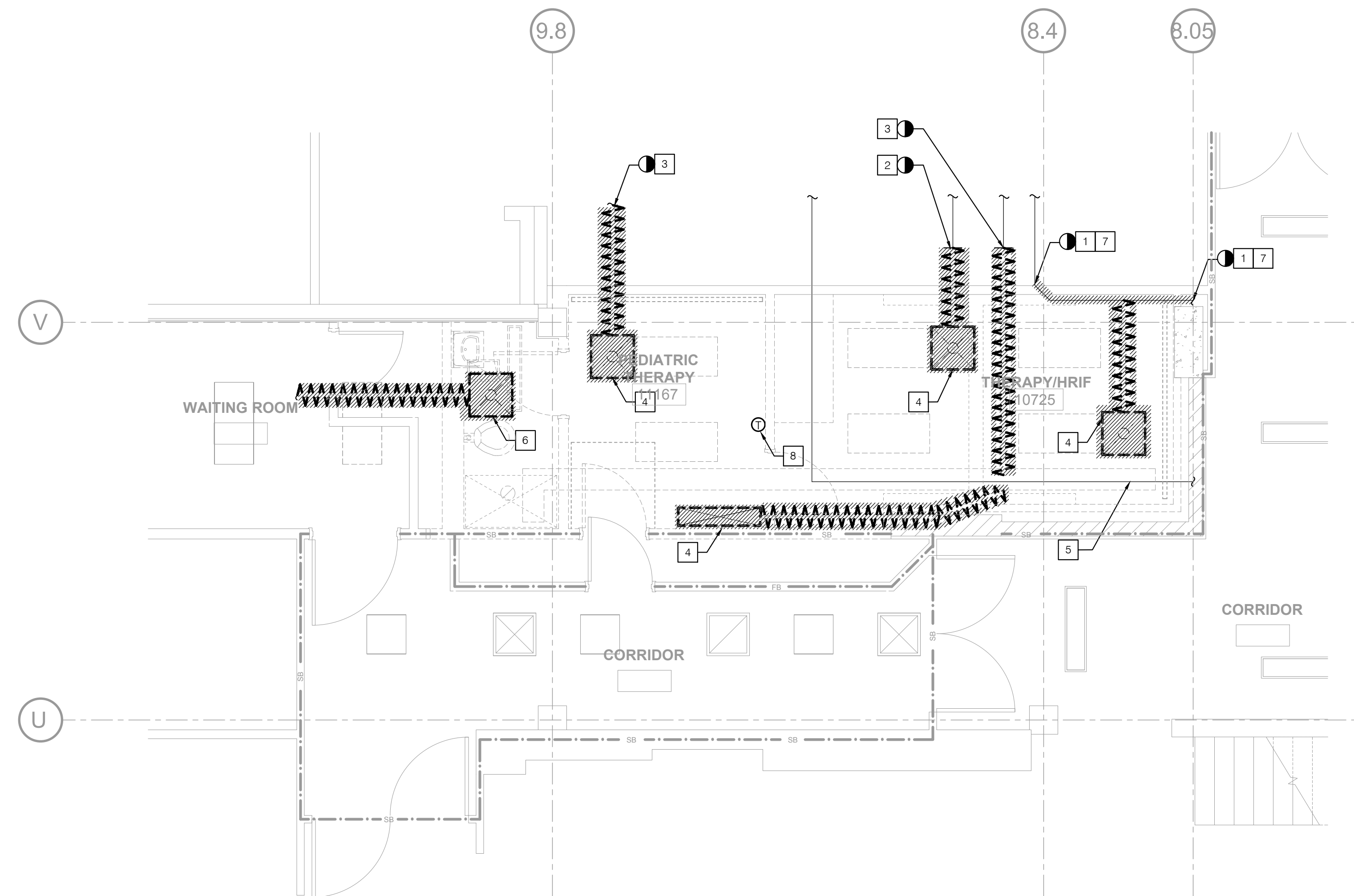
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ME&P: P2S  
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NOTES

- 1] POD AT RETURN AIR DUCT.
- 2] POD AT SUPPLY AIR DUCT
- 3] POD AT EXHAUST AIR DUCT
- 4] PROVIDE GRILLE AIRFLOW MEASUREMENT PRIOR TO THE COMMENCEMENT OF ANY WORK
- 5] (E) STEAM LINE
- 6] (E) ROOM SIDE EXHAUST FAN AND ASSOCIATED DUCTWORK TO BE REMOVED.
- 7] PROVIDE PRE-CONSTRUCTION DUCT TRAVERSE AIR FLOW READINGS.
- 8] THERMOSTAT AND CONTROLS WIRING TO REMAIN



REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #:

SHEET TITLE:  
**PARTIAL FIRST FLOOR  
DEMOLITION PLAN**

PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

PROJECT # 01641.00 SHEET NUMBER:  
DRAWN BY: ED  
CHECKED BY: RS  
SCALE: NA  
DATE: 06/19/2017

# MD2.1



# TCMC PHARMACY RETAIL ROOM

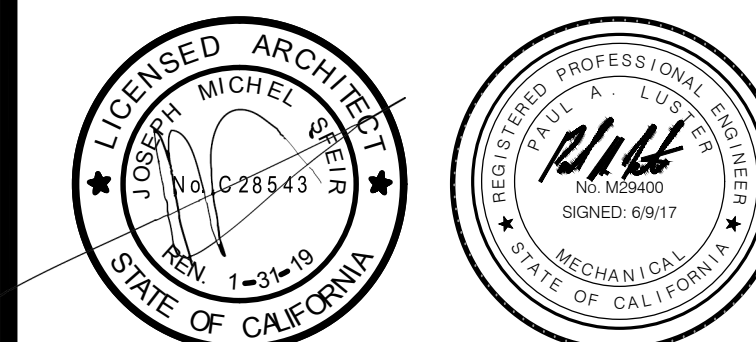
TRI-CITY MEDICAL  
CENTER  
4002 VISTA WAY  
OCEANSIDE, CALIFORNIA  
92056

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

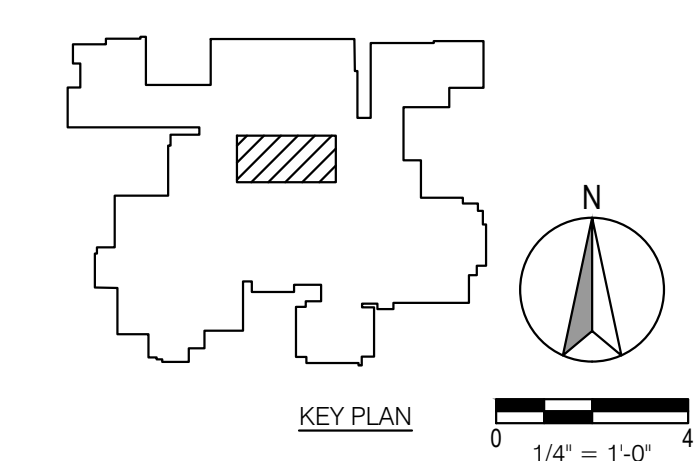
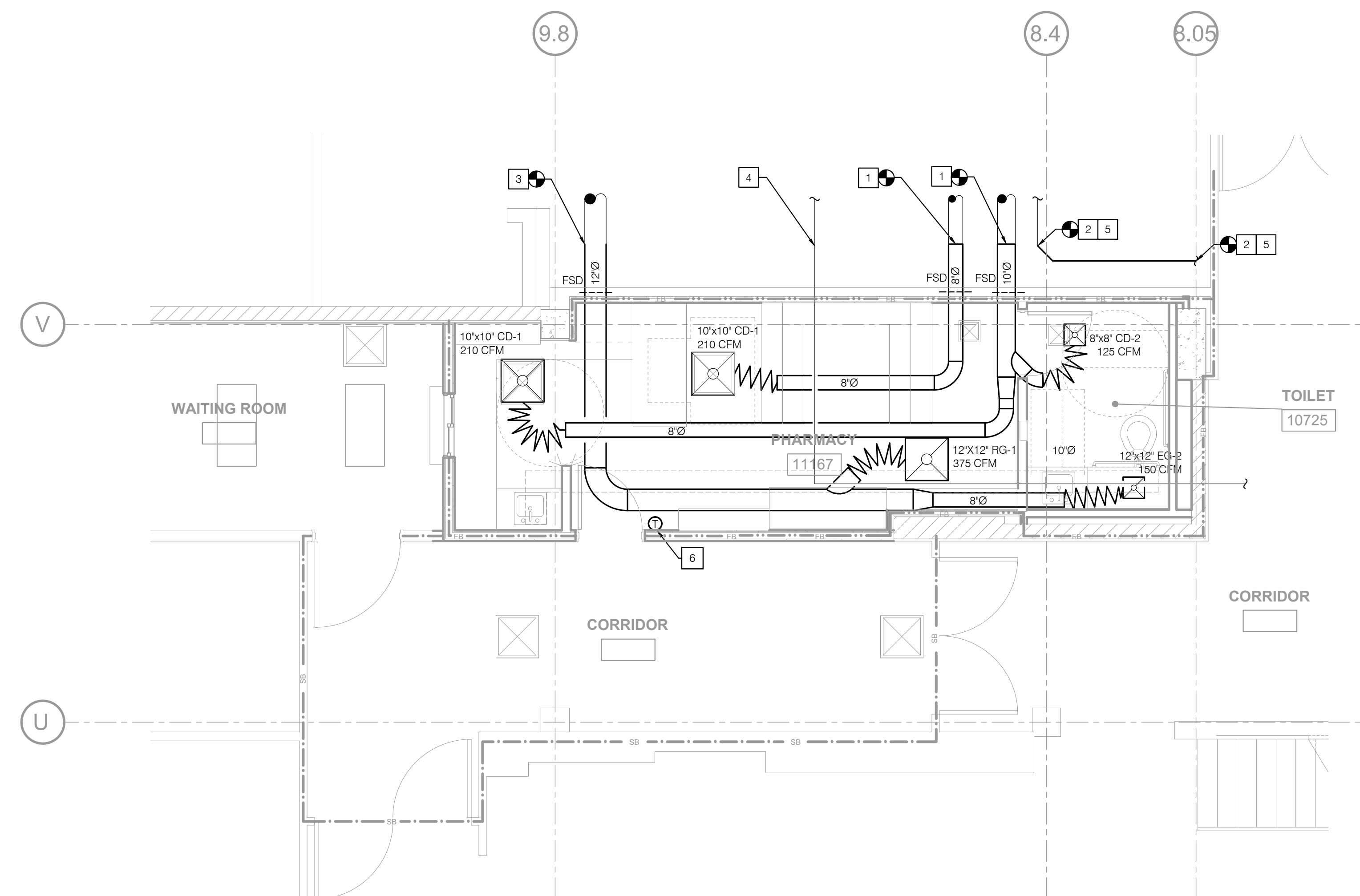
STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.  
2091 LAS PALMAS DRIVE, SUITE D  
CARLSBAD, CALIFORNIA 92011  
TEL(760)438-1188

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



**NOTES**

- 1 POC AT SUPPLY AIR DUCT.
- 2 POC AT RETURN AIR DUCT
- 3 POC AT EXHAUST AIR DUCT
- 4 (E) STEAM LINE
- 5 PROVIDE MANUAL BRANCH VOLUME DAMPER. BALANCE TO PRE CONSTRUCTION AIR FLOW READ VALUES. VERIFY (E) DUCT SIZE PRIOR TO PROCUREMENT OF FABRICATION OF DAMPER.
- 6 (E) RELOCATED THERMOSTAT.



REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #:

SHEET TITLE:  
**PARTIAL FIRST FLOOR  
RENOVATION PLAN**

PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

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**M2.1**

# TCMC PHARMACY RETAIL ROOM

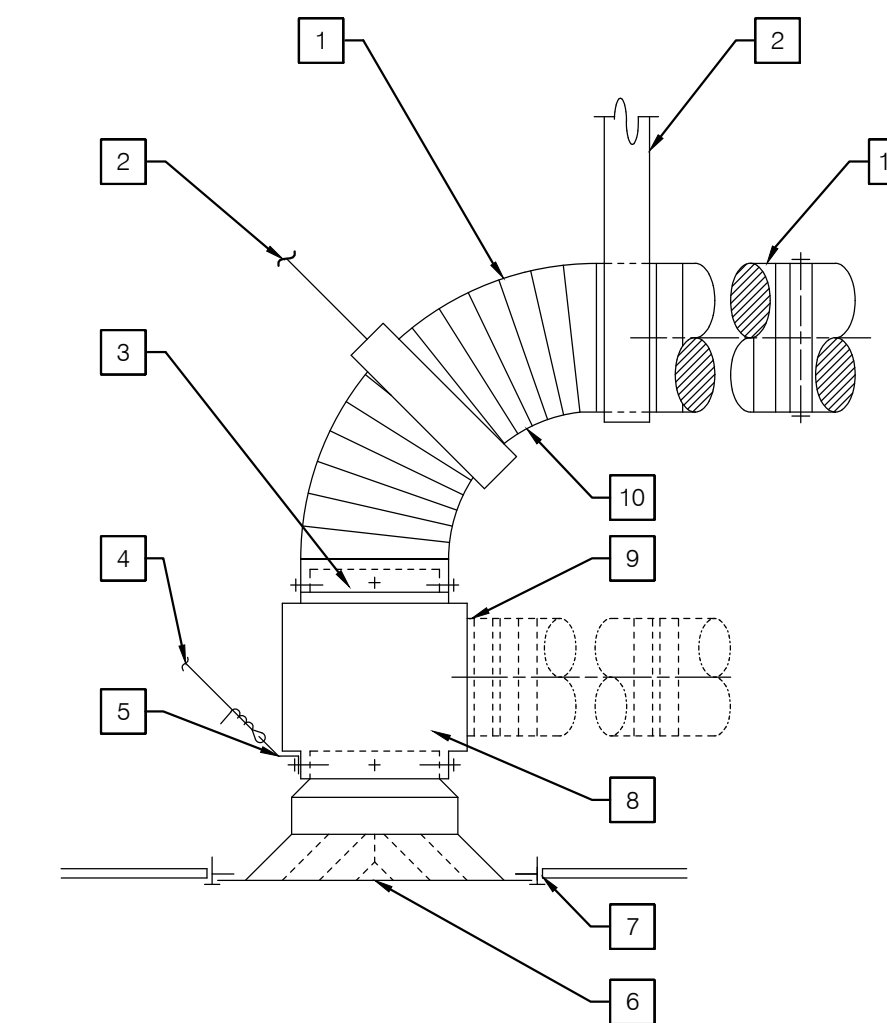
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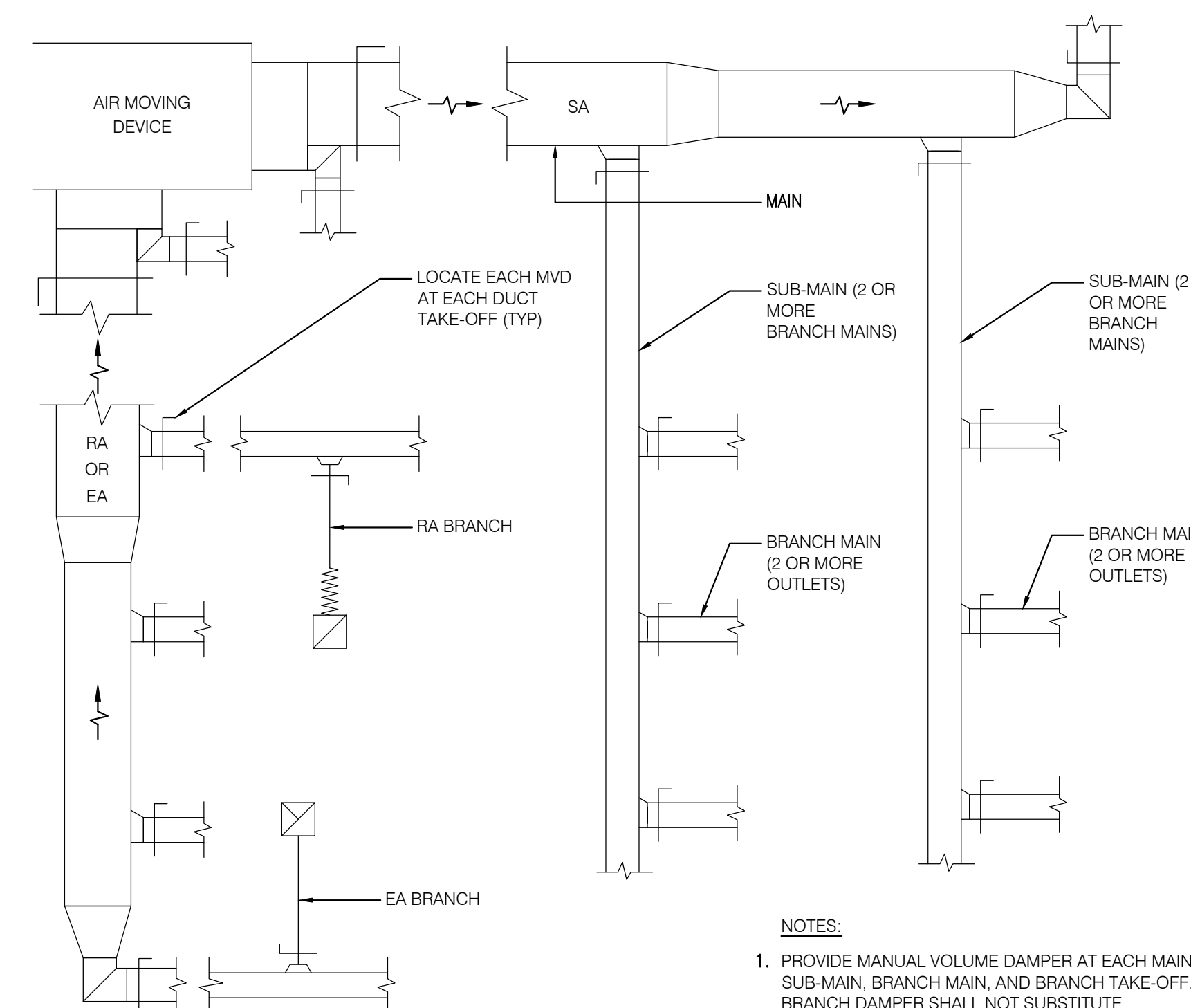
ME&P: P2S  
9665 CHESAPEAKE, SUITE 230  
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TEL(619)618-2347



## NOTES

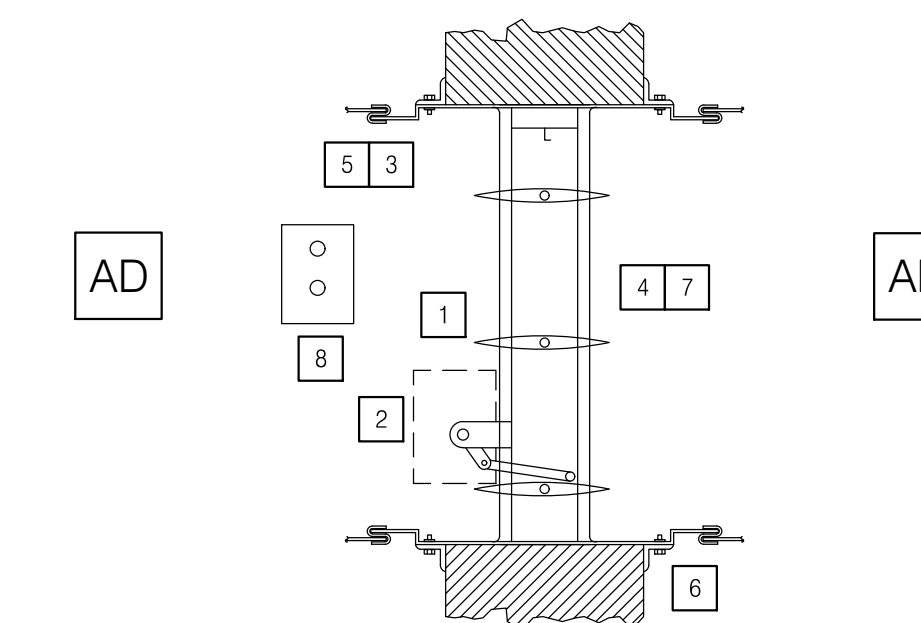
- |  |  |
|--|--|
| 1 FLEX DUCT WITH G.I. COLLAR EACH END MAX LENGTH 5'-0". SEE PLAN FOR SIZE.                         | 6 AIR DISTRIBUTION   |
| 2 2" WIDE x 22 GA. HANGER STRAP.   | 7 WHERE CD/RG INSTALLED IN T-BAR CEILING 24"x24" FILLER PANEL. |
| 3 CONTRACTOR TO CONNECT FLEX DUCT COLLAR TO PLENUM. COLLAR W/ (3) #10 SMS CANVAS AND ARABOL JOINT. | 8 G.I. PLENUM SECURE TO CD/RG WITH (4) #10 SMS TYP.            |
| 4 12 GA. WIRE.   | 9 ENGINEER APPROVED ALTERNATE CONNECTION.                      |
| 5 1" x 3" L 16 GA. BENT CLIP SECURED TO CD/RG W/ #10 SMS TYP. (2) EACH CD/RG AT DIAGONALLY.        | 10 LONG RADIUS TURN - NO KINKS.                                |
|  | 11 CONNECT TO RIGID DUCT W/ (3) #10 SMS CANVAS AND ARABOL.     |

## 2 AIR DISTRIBUTION RESTRAINT NO SCALE



## 3 TYPICAL MANUAL VOLUME DAMPER LOCATION DIAGRAM NO SCALE

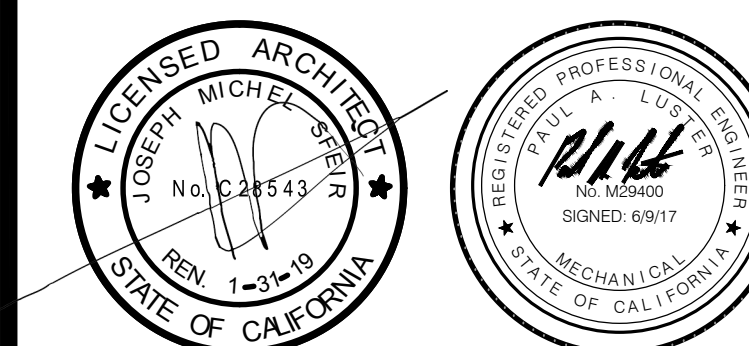
- NOTES:
- PROVIDE MANUAL VOLUME DAMPER AT EACH MAIN, SUB-MAIN, BRANCH MAIN, AND BRANCH TAKE-OFF. BRANCH DAMPER SHALL NOT SUBSTITUTE FOR OBD AT TERMINAL.
  - PROVIDE CEILING ACCESS TO ALL DAMPERS



## 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.   | 5 PLAIN "S" DUCT CONNECTION - DO NOT BOLT OR SCREW DUCT TO SLEEVE.   |
| 2 FIRE SMOKE DAMPER JACKSHAFT AND ACTUATOR.  | 6 FOUR FIRE CONSTRUCTION BY OTHERS.  |
| 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.   | 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 |
| 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". | 8 REFER TO ELECTRICAL AND FIRE ALARM DRAWINGS FOR ADDITIONAL REQUIREMENTS.   |

## 1 FIRE/SMOKE DAMPER NO SCALE



REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #:

## DETAILS

PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

PROJECT # 01641.00 SHEET NUMBER:  
DRAWN BY: ED  
CHECKED BY: RS  
SCALE: NA  
DATE: 06/19/2017

# M6.1

# TCMC PHARMACY RETAIL ROOM

## 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, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)616-2347



OSHPD COMMENTS	DATE
	07/19/17

REV	DESCRIPTION	DATE

CONSULTANT

OSHPD APPROVAL STAMP:  
OSHPD #:

### SHEET TITLE: GENERAL NOTES & SHEET INDEX

PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

PROJECT # 01641.00	SHEET NUMBER: P0.1
DRAWN BY: ED	<b>P0.1</b>
CHECKED BY: RS	
SCALE: NA	
DATE: 06/19/2017	

## PROJECT NOTES

- CONTRACTOR SHALL COORDINATE ARCHITECTURAL REFLECTED CEILING PLANS WITH ALL DISCIPLINES TO VERIFY CLEARANCES BETWEEN HVAC DUCTS, HVAC PIPING, LIGHT FIXTURES, ELECTRICAL DATA CONDUITS, PLUMBING LINES, FIRE PROTECTION LINES, STRUCTURAL MEMBERS, ETC. SPECIAL ATTENTION IS REQUIRED ALONG THE LENGTH OF MAIN MECHANICAL SUPPLY AND RETURN AIR DUCTS WHERE THERE IS LIMITED CLEARANCE FOR PASSAGE OR ROUTING OF UTILITIES.
- THE SPACE FOR DUCT WORK & MECHANICAL EQUIPMENT FOR THIS PROJECT IS LIMITED. COORDINATION WITH OTHER TRADES IS CRITICAL. PROCEED WITH PREPARATION OF SHOP DRAWINGS IMMEDIATELY UPON RECEIVING AN AUTHORIZATION TO PROCEED FOR THE PROJECT. COMPLETE SHOP DRAWINGS PRIOR TO MATERIAL FABRICATION AND INSTALLATION. SHOP DRAWINGS SHALL BE REVIEWED BY COMMISSIONING AGENT, MEOR AND OWNERS REPRESENTATIVE PRIOR TO SUBMITTAL.
- PROVIDE ORIGINALLY PREPARED CONTRACTORS SHOP DRAWINGS IN ELECTRONIC FORMAT. IN ADDITION TO THE REQUIREMENTS SPECIFIED ELSEWHERE, THE SHOP DRAWINGS SHALL INCLUDE THE FOLLOWING:
  - DUCT, PIPE AND PLUMBING ELEVATIONS.
  - DOUBLE LINE DUCTWORK AND PIPING (6" AND LARGER).
  - ACTUAL SIZE OF PURCHASED EQUIPMENT. PER APPROVED CONTRACTORS SHOP DRAWINGS.
  - ACCESS PANELS INCLUDING CEILING PANELS.
  - ACCESS CLEARANCES FOR EQUIPMENT.
  - ACTUAL LOCATIONS OF CEILING DIFFUSERS, REGISTERS, AND RETURN REGISTERS.
  - LOCATIONS OF STRUCTURAL MEMBERS SUCH AS BEAMS.
  - ACTUAL LOCATIONS OF CONTROL PANELS AND POWER CONNECTIONS TO EQUIPMENT.
  - COLOR CODED DUCT AND PIPING BASED ON MATERIAL USED.
  - MINIMUM 1/4" = 10" SCALE DRAWINGS.
  - LABEL AND TAG SCHEDULE FOR EQUIPMENT.
  - DUCT TRANSITIONS TO CLEAR BEAMS OR TIGHT AREAS.
  - ROOM TEMPERATURE SENSOR LOCATIONS.
  - POINT OF CONNECTION TO UTILITIES OUTSIDE THE BUILDING.
  - SECTIONS OR 3-D DRAWINGS OF CONGESTED AREAS.
  - GRID LINES.
  - UTILITY PROFILES FOR UNDERGROUND PIPING.
- DO NOT COMMENCE WITH ANY INSTALLATION, ORDERING OF ANY EQUIPMENT OR MATERIAL FABRICATION WITHOUT AN APPROVED SHOP DRAWING SUBMITTAL.
- FOR EACH SUBMITTAL, THE CONTRACTOR SHALL PROVIDE A LETTER (ON COMPANY LETTERHEAD) AND SIGNED BY THE PROJECT MANAGER INDICATING THE SUBMITTAL HAS BEEN FULLY IN HOUSE REVIEWED TO ENSURE FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS AND COORDINATION WITH OTHER TRADES. ANY EXCEPTIONS TO THE CONTRACT DOCUMENTS SHALL BE CLEARLY INDICATED ON THIS LETTER. ANY DISCREPANCIES/EXCEPTIONS NOT IDENTIFIED IN WRITING SHALL BE CORRECTED AT THE SOLE EXPENSE OF THE CONTRACTOR AND AT NO EXPENSE TO THE OWNER AND ENGINEER.

## MECHANICAL PIPE AND DUCT SYSTEM SEISMIC SUPPORT NOTES

### MECHANICAL & PLUMBING:

- SUPPORT AND BRACING FOR NEW PIPING, EXCEPT FIRE SPRINKLER PIPING, AND FOR NEW DUCTWORK SHALL BE PROVIDED PER OPM-0043-13 MASON SEISMIC RESTRAINT COMPONENTS FOR SUSPENDED UTILITIES OR OTHER APPROVED OSHPD OPM.
- LAYOUT DRAWINGS, SHOWING THE BRACING/SUPPORT LOCATIONS AND REFERENCES TO DETAILS FROM THE RELEVANT OSHPD PRE-APPROVALS NEED TO BE SUBMITTED FOR USE BY THE INSPECTOR OF RECORD AND OSHPD FIELD STAFF. THE LAYOUT DRAWINGS, PREPARED PER ASCE 7 CHAPTER 13 AS MODIFIED BY CBC SECTIONS 1613A/1616A, SHALL BE PREPARED BY THE SUBCONTRACTOR AND SIGNED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF CALIFORNIA. REFERENCES TO DETAILS FROM THE OSHPD PRE-APPROVAL SHALL BE FOR AN ENTIRE DETAIL AS SUBMITTED OR REFERENCE SHALL BE FOR EACH ASPECT OF A SUBMITTED DETAIL. CUSTOM DETAILS SHALL BE PROVIDED FOR SITUATIONS WHERE OSHPD PRE-APPROVALS DO NOT APPLY. AT LEAST FOUR WEEKS PRIOR TO BEGINNING INSTALLATION, FOUR COPIES OF THE PLANS SHALL BE SUBMITTED TO THE ARCHITECT OF RECORD WHO WILL SUBMIT THEM TO THE STRUCTURAL ENGINEER OF RECORD FOR REVIEW AND APPROVAL. AFTER THIS APPROVAL, THE DRAWINGS WILL BE SUBMITTED TO THE OSHPD DISTRICT STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL. THE PLANS SHALL BE COORDINATED WITH THE PLANS OF OTHER TRADES. A COPY OF THE CHOSEN BRACING SYSTEM INSTALLATION GUIDE/MANUAL SHALL BE ON THE JOBSITE PRIOR TO STARTING THE INSTALLATION.
- THE STRUCTURAL ENGINEER FOR THE CONTRACTOR SHALL DETERMINE THE APPROPRIATE SEISMIC FORCES BASED ON THE DESIGN CRITERIA SHOWN ON THE STRUCTURAL DRAWINGS.
- ONCE THE EXACT LOCATIONS OF ALL PIPING AND DUCTWORK HAVE BEEN ESTABLISHED, THE STRUCTURAL ENGINEER MUST CHECK THE ADEQUACY OF THE SUPPORTING STRUCTURE TO ENSURE THAT THE ORIGINAL DESIGN IS STILL ADEQUATE. THE INSPECTOR OF RECORD SHALL INSURE THAT ALL WORK IS PROPERLY INSTALLED PER THE APPLICABLE OSHPD PRE-APPROVAL.

## GENERAL NOTES

- ALL WORK SHALL COMPLY WITH THE 2016 EDITIONS OF THE CALIFORNIA BUILDING, MECHANICAL, PLUMBING, AND OTHER APPLICABLE FEDERAL, STATE, OR LOCAL CODES AS ADOPTED AND ENFORCED BY THE LOCAL JURISDICTION. IN CASE THE PLANS SHOW MORE STRINGENT REQUIREMENTS, THE PLANS SHALL GOVERN THE DESIGN, YET NOTHING ON THE DESIGN DOCUMENTS SHALL BE INTERPRETED AS AUTHORITY TO VIOLATE CODE(S) OR REGULATION(S).
- SUBMISSION OF BID IN CONNECTION WITH THIS WORK SHALL IMPLY THAT THE BIDDER HAS EXAMINED THE JOB SITE UNDER WHICH THE CONTRACTOR WILL BE OBLIGATED TO OPERATE UNDER THIS CONTRACT. NO EXTRA CHARGE WILL BE ALLOWED FOR FAILURE OF ANY BIDDER TO EXAMINE THE SITE PRIOR TO BID.
- WHERE USED, THE TERM 'PROVIDE' SHALL MEAN 'FURNISH AND INSTALL'.
- IN THE EVENT OF A CONFLICT OR INCONSISTENCY BETWEEN ITEMS INDICATED ON DESIGN PLANS / SPECIFICATIONS WITH CODE REQUIREMENTS, THE MORE STRINGENT STANDARD SHALL PREVAIL.
- CONTRACTOR SHALL FURNISH LABOR, MATERIALS, EQUIPMENT, AND TRANSPORTATION AS REQUIRED TO PROPERLY INSTALL ALL PLUMBING SYSTEMS OR RELATED COMPONENTS AS INDICATED ON PLANS AND SPECIFIED HEREIN.
- ALL NEW EQUIPMENT AND MATERIAL TO BE INSTALLED AS PART OF RENOVATION / NEW CONSTRUCTION SHALL BEAR AN UNDERWRITERS LABORATORIES LABEL (UL), AND INSTALLED IN SUCH A MANNER FOR WHICH THEY ARE DESIGNED AND APPROVED.
- CONTRACTOR SHALL DOCUMENT AND RELAY ANY MAJOR DEVIATIONS FROM THE DESIGN DOCUMENTS, AND ATTAIN APPROVAL FROM THE MECHANICAL ENGINEER BEFORE PROCEEDING. AS-BUILT COPIES SHALL BE PROVIDED INDICATING ALL CHANGES / DEVIATIONS MADE DURING CONSTRUCTION. CONTRACTOR SHALL PROVIDE COMPLETED AS-BUILT DRAWINGS IN THE LATEST VERSION OF AUTOCAD.
- ALL WORK SHALL BE PERFORMED IN A CLEAN AND WORKMANLIKE MANNER. CARE SHALL BE EXERCISED TO MINIMIZE ANY INCONVENIENCE OR DISTURBANCE TO OTHER AREAS OF THE BUILDING WHICH ARE TO REMAIN IN OPERATION. ISOLATE WORK AREAS BY MEANS TO KEEP DUST AND DIRT WITHIN THE CONSTRUCTION AREA.
- NO PIPING, EQUIPMENT, ETC. SHALL BE REMOVED, DISCONNECTED OR SHUT DOWN WITHOUT PRIOR REVIEW WITH THE COLLEGE TO CONFIRM THAT AREAS TO REMAIN IN OPERATION WILL NOT BE AFFECTED. IF ANY AREAS NOT WITHIN THE SCOPE OF WORK ARE AFFECTED BY ANY SHUTDOWN, REMOVAL OR DISCONNECTION, SUFFICIENT ADVANCE NOTICE MUST BE GIVEN TO THE COLLEGE INDICATING WHICH AREAS WILL BE AFFECTED, WHEN THE PROPOSED SHUTDOWN WILL OCCUR, AND FOR HOW LONG A PERIOD OF TIME.
- THE ARRANGEMENT OF EQUIPMENT AND PIPING SHOWN ON THE DRAWINGS IS BASED UPON INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF DESIGN AND IS NOT INTENDED TO SHOW EXACT DIMENSIONS PECULIAR TO A SPECIFIC MANUFACTURER. THE DRAWINGS ARE, IN PART, DIAGRAMMATIC AND SOME FEATURES OF THE ILLUSTRATED EQUIPMENT INSTALLATION MAY REQUIRE REVISION TO MEET ACTUAL EQUIPMENT INSTALLATION REQUIREMENTS. STRUCTURAL SUPPORTS, FOUNDATIONS, CONNECTED PIPING, VALVES, PIPE SUPPORTS AND ELECTRICAL CONDUIT SPECIFIED MAY HAVE TO BE ALTERED OR ADDITIONAL ITEMS REQUIRED TO ACCOMMODATE THE EQUIPMENT PROVIDED. NO ADDITIONAL PAYMENT WILL BE MADE FOR SUCH REVISIONS, ALTERATIONS AND / OR ADDITIONS.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT THE SITE MAKING FIELD MEASUREMENTS AND PROVIDE SHOP DRAWINGS NECESSARY FOR FABRICATION OR ERECTION OF ALL HVAC AND PIPING SYSTEMS. MAKE ALLOWANCE FOR BEAMS, PIPES AND OTHER OBSTRUCTIONS IN BUILDING CONSTRUCTION. CHECK DRAWINGS SHOWING WORK OF OTHER TRADES AND CONSULT WITH THE UNIVERSITY REPRESENTATIVE IN THE EVENT OF POTENTIAL INTERFERENCE. SHOP DRAWINGS SHALL BE MINIMUM 1/4" = 1-0" SCALE, INDICATING FITTINGS, SIZES, WELDS AND CONFIGURATIONS AND SUBMITTED TO ENGINEER FOR REVIEW. CONTRACTOR SHALL PROVIDE DIMENSIONED SHOP DRAWINGS COMPLETED IN THE LATEST VERSION OF AUTOCAD.
- CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER TRADES PRIOR TO FABRICATION, PURCHASE AND/OR INSTALLATION OF ALL WORK.
- BEFORE COMMENCEMENT OF WORK, CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS, ELEVATIONS, AND CHARACTERISTICS OF ALL UTILITIES.
- CONTRACTOR SHALL SECURE AND PAY ALL FEES AND PERMITS PERTAINING TO THE CONTRACT.
- EXISTING MATERIALS THAT ARE REMOVED SHALL NOT BE REUSED IN NEW SYSTEMS, EXCEPT WHERE INDICATED AS BEING RELOCATED.
- ALL EQUIPMENT SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS.
- ALL PLUMBING FIXTURE VENTS TO TERMINATE MINIMUM 12 INCHES FROM ANY VERTICAL SURFACE AND 10 FEET FROM OR 3 FEET ABOVE ANY OUTSIDE AIR INTAKES. NO FLAGPOLING PERMITTED.
- ALL PIPING SHALL BE INSTALLED AS INDICATED ON THE DRAWINGS IN A NEAT WORKMANSHIP-LIKE MANNER AND BE SUPPORTED AS REQUIRED BY CODES. PIPING SHALL BE SET UP AND DOWN AND OFFSET AS REQUIRED TO SUIT FIELD CONDITIONS. DIELECTRIC COUPLINGS SHALL BE USED WHERE DISSIMILAR METALS ARE JOINED.
- ALL PIPING DISCHARGING INTO FLOOR-SINKS AND/OR FLOOR DRAINS SHALL MAINTAIN MINIMUM AIR-GAP AS REQUIRED BY LOCAL CODES.
- ALL VALVES, UNIONS, ETC. TO BE SAME SIZE AS LINE SIZE UNLESS OTHERWISE INDICATED ON DRAWINGS.
- ISOLATE AND DRAIN EXISTING PIPING SYSTEM AS REQUIRED TO ACCOMMODATE INSTALLATION OF THE WORK.
- UNIONS SHALL BE PROVIDED AND INSTALLED AFTER EACH SCREW-TYPE VALVE AND PRIOR TO EQUIPMENT CONNECTIONS.
- EQUIPMENT ANCHORAGE NOTES:  
ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2016 CBC, SECTIONS 1616A.1.18 THROUGH 1616A.1.26 AND ASCE 7-10 CHAPTER 6 AND 30.

- ALL PERMANENT EQUIPMENT AND COMPONENTS.
  - TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.
  - MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.
- THE ATTACHMENT OF THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT:
- COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
  - COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE  
PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-10 SECTION 13.3 AS DEFINED IN ASCE 7-10 SECTION 13.6.8, 13.6.7, 13.6.5.6 ITEM 6, AND 2016 CBC SECTIONS 1616A.1.23, 1616A.1.24, 1616A.1.25 AND 1616A.1.26.

THE BRACING AND ATTACHMENTS TO THE STRUCTURE SHALL BE DETAILED ON THE APPROVED DRAWINGS OR THEY SHALL COMPLY WITH ONE OF THE OSHPD PRE-APPROVALS (OPM #) AS MODIFIED TO SATISFY ANCHORAGE REQUIREMENTS OF ACI 318, APPENDIX D.

COPIES OF THE MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF HANGING AND BRACING OF THE PIPE, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM.

THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

- PLUMBING FIXTURES AND FAUCETS SHALL BE CERTIFIED BY THE STATE OF CALIFORNIA ENERGY COMMISSION AS REQUIRED BY THE CALIFORNIA ENERGY EFFICIENCY STANDARDS SECTION S-5314 AND TABLE 'G'.
- ALL SOIL, WASTE, STORM DRAIN AND VENT PIPING SHALL SLOPE AT 2% UNLESS OTHERWISE INDICATED.
- PIPING THROUGH FIRE RATED WALLS SHALL BE PER U.L. FIRE RESISTANCE SYSTEM NO. W1001. SEE ARCHITECTURAL PLANS FOR ALL WALL LOCATIONS.
- REFER TO THE SPECIFICATIONS BOOK FOR ADDITIONAL REQUIREMENTS.
- ALL CLEANOUTS SHALL BE INSTALLED WHERE READILY ACCESSIBLE. THE CONTRACTOR SHALL COORDINATE ALL CLEANOUT LOCATIONS WITH EQUIPMENT, CABINETS, ETC. AND THE ARCHITECT PRIOR TO ANY INSTALLATION.
- KEEP ALL PIPING FROM LOAD BEARING FOOTINGS. IF UNABLE TO CLEAR FOOTINGS OR GRADE BEAMS, INSTALL PIPING THROUGH PIPE SLEEVES.
- BEFORE FABRICATION OR INSTALLATION, THE CONTRACTOR SHALL VERIFY EXACT LOCATIONS OF ALL EQUIPMENT AND FIXTURES. EXACT ROUGH-IN LOCATIONS AND REQUIREMENTS SHALL BE COORDINATED IN FIELD.
- ACCESSIBLE PLUMBING FIXTURES SHALL COMPLY WITH ALL OF THE REQUIREMENTS OF 2016 CBC CHAPTER 11A AND/OR 11B. HEIGHTS AND LOCATION OF ALL FIXTURES SHALL BE ACCORDING TO CBC 2016 SECTION 1138A. FIXTURE CONTROLS SHALL COMPLY WITH CBC 2016 SECTION 1138A.4.
- ALL VALVES, TRAP PRIMERS, WATER HAMMER ARRESTERS OR OTHER EQUIPMENT SHOWN IN WALLS OR ABOVE NON-ACCESSIBLE CEILING SHALL BE INSTALLED BEHIND AN ACCESS PANEL.
- ALL VENT THROUGH ROOF SHALL BE MINIMUM OF 3 FEET VERTICALLY AND 10 FEET HORIZONTALLY FROM ANY AIR CONDITIONING EQUIPMENT FRESH AIR INTAKES.
- VERIFY WITH ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF ALL FLOOR DRAINS, ROOF, OVERFLOW DRAINS AND FLOOR SINKS.
- FIXTURES SHALL BE PROTECTED DURING CONSTRUCTION FROM ANY DAMAGES. REFINISHED FIXTURES WILL NOT BE ACCEPTABLE UNDER ANY CONDITIONS.
- HOSE BIB WITH VACUUM BREAKER SHALL BE PROVIDED UNDER LAVATORY IN EACH PUBLIC RESTROOM.
- INSULATE INDIRECT DRAIN LINES FROM REFRIGERATORS, FREEZERS, ICE MAKER AND ICE BINS WITH MANVILLE AERO-TUBE OR EQUAL TO PREVENT CONDENSATE DRIPS.
- INSULATE WASTE PIPE AND P-TRAP FROM FLOOR SINK, FLOOR DRAINS OR FUNNEL DRAINS COLLECTING INDIRECT DRAINS FROM REFRIGERATORS, FREEZERS, ICE MAKER AND ICE BINS TO PREVENT CONDENSATE DRIPS. INSULATE WASTE PIPE UP TO THE NEXT 3' OR 4' MAIN CONNECTION.
- PROVIDE AND INSTALL GAS COCKS AND UNION AT EACH GAS FIRED EQUIPMENT.
- PROVIDE AND INSTALL CHROME ANGLE VALVES ON HOT AND COLD WATER SUPPLY AT EACH PLUMBING FIXTURES.
- ALL WATER FAUCETS SHALL BE PROVIDED WITH CODE APPROVED FLOW RESTRICTORS.

- COVER ALL FLOOR DRAINS, FLOOR SINKS, ROOF AND OVERFLOW DRAINS DURING CONSTRUCTIONS TO PREVENT DEBRIS FROM ENTERING PIPE AND PROTECT GRATES FROM DAMAGES.
- COORDINATE WITH ELECTRICAL CONTRACTOR PRIOR TO ORDERING EQUIPMENT FOR AVAILABLE VOLTAGES AT ALL EQUIPMENT LOCATIONS.
- COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL TAMPER AND FLOW SWITCH LOCATIONS.
- BECAUSE OF THE SMALL SCALE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS AND ACCESSORIES WHICH MAY BE REQUIRED. THE CONTRACTOR SHALL CAREFULLY INVESTIGATE THE CONDITIONS SURROUNDING INSTALLATION OF HIS WORK, FURNISHING THE NECESSARY PIPING, FITTINGS, VALVES, TRAPS, AND OTHER DEVICES WHICH MAY BE REQUIRED TO COMPLETE THE INSTALLATION.
- UNLESS SPECIFIED ON STRUCTURAL DRAWINGS, ANY ALTERATION OR MODIFICATIONS TO STRUCTURAL ELEMENTS BY CUTTING, DRILLING, BORING, BRACING, WELDING ETC. SHALL HAVE WRITTEN APPROVAL STRUCTURAL ENGINEER PRIOR TO START WORK.
- ITEMS NOT SHOWN IN THE DRAWINGS BUT NECESSARY FOR COMPLETE OPERATION OF THE SYSTEM/FIXTURES/EQUIPMENT OR FOR COMPLETE CODE INSTALLATION SHALL BE PROVIDED AT NO ADDED COST TO THE OWNER.
- DIELECTRIC UNION ISOLATOR WITH THREADED CONNECTIONS SHALL BE PROVIDED FOR CONNECTING INCOMPATIBLE MATERIALS.
- ALL PLUMBING FIXTURES SHALL BE APPROVED BY OWNER PRIOR TO ORDERING.
- CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF ALL EXISTING UTILITIES TO WHERE HE IS TO CONNECT PRIOR TO INSTALLATION OF ANY PIPING. EXTEND NEW PIPING IF NECESSARY TO WHERE THE EXISTING IS.
- ALL CONNECTIONS TO EXISTING SERVICES SHALL BE MADE SUCH THAT INTERRUPTION TIME WILL BE AS SHORT AS POSSIBLE. THE CONTRACTOR SHALL GIVE THE OWNER'S REPRESENTATIVE SUFFICIENT NOTICE OF SUCH INTERRUPTION AND THE ACTUAL SHUT DOWN TIME SHALL BE AT A TIME DESIGNATED BY THE OWNERS REPRESENTATIVE.
- ALL EXISTING PIPING DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED WITH MATERIALS TO MATCH EXISTING BY THE CONTRACTOR.
- ALL EXIST AND INSTALL WATER HAMMER ARRESTORS IN THE FOLLOWING LOCATIONS (ONLY NON-FERROUS ARRESTORS MAY BE INSTALLED IN ANY WATER SYSTEM):
  - WATER LINES TO LAVATORY HEADERS, WATER CLOSET AND URINAL HEADERS, SERVICE SINKS, KITCHEN SINKS, WASH FOUNTAINS, DRINKING FOUNTAINS, LABORATORIES WITH MEDICAL TYPE FAUCETS AND ON WASH SINKS HAVING 3 OR MORE STATIONS AND ALL OTHER QUICK CLOSING FIXTURE SUCH AS CLOTHES WASHERS, AS CLOSE TO FIXTURE AS POSSIBLE.
  - BETWEEN LAST 2 FIXTURES WHEN 3 OR MORE FIXTURES, OTHER THAN THOSE LISTED IN 'A' ABOVE, ARE SERVED BY A COMMON HEADER.
  - WHEN ARRESTOR SHALL BE INSTALLED IN WALL OR FURRING, FURNISH WITH AN ACCESS PLATE LARGE ENOUGH TO PERMIT REMOVAL OF ARRESTOR. ACCESS PLATE SHALL BE A MINIMUM OF 2 INCHES LARGER IN EACH DIRECTION THAN ARRESTOR.
- ALL PIPING INTO STEM WALLS AND FOOTINGS SHALL BE DOUBLE HALF LAP WRAPPED WITH 1/8" THICK 'ARMAFLEX' INSULATION. THE CONTRACTOR SHALL ALSO PROVIDE BLOCKED OUT AREAS IN STEM WALL AND FOOTING. ALL PIPING SHALL AVOID THE LOWER 8" OF THE FOOTING.
- ALL HOT WATER PIPING SHALL BE INSULATED. INSULATION SHALL HAVE A FLAME SPREAD OF NOT MORE THAN 25 AND A SMOKE DENSITY NOT EXCEEDING 50 PER 2016 CMC SEC. 602.2. SEE SPECIFICATION FOR OTHER REQUIREMENTS.
- ALL CONNECTIONS TO SITE PIPING SHALL BE DONE BY THE PLUMBING CONTRACTOR.
- CLEANOUTS SHALL BE PROVIDED PER 2016 CPC SECTION 707.0 & 719.0 AND TO THE FOLLOWING LOCATIONS:
  - AT EACH BASE OF ROOF DRAIN DOWNSPOUTS.
  - AT EACH BASE OF WASTE STACK.
  - AT EVERY 100 FT OF STRAIGHT RUN OF HORIZONTAL PIPING .
  - AT EACH AGGREGATE HORIZONTAL CHANGE IN DIRECTION EXCEEDING ONE HUNDRED THIRTY-FIVE (135) DEGREES.
  - AT EACH HORIZONTAL DRAINAGE PIPE UPPER TERMINAL
  - ABOVE EACH URINAL.
  - BELOW EACH SINK.

- PROVIDE SEDIMENT TRAP AS CLOSE AS POSSIBLE TO ALL GAS APPLIANCES AND GAS FIRED EQUIPMENTS INLET EXCEPT FOR APPLIANCES LISTED PER 2016 CPC SECTION 1212.8. SEE SEDIMENT TRAP INSTALLATION PER 2016 CPC FIGURE 1212.8.
- DOMESTIC WATER PIPING AND COMPONENTS SHALL BE PROVIDED AND INSTALLED IN COMPLIANCE WITH CALIFORNIA AB 1953 LEGISLATION, WHICH LIMITS THE ALLOWABLE LEAD CONTENT IN CERTAIN DOMESTIC WATER SYSTEM COMPONENTS.
- ALL PLUMBING FIXTURES AND FITTINGS SHALL MEET CALGREEN MANDATORY REQUIREMENT OF 20% REDUCED FLOW RATE SPECIFIED IN TABLE 5.303.2.3.

## SHEET INDEX

SHEET	DESCRIPTION
P0.1	GENERAL NOTES & SHEET INDEX
P0.2	LEGEND, ABBREVIATIONS, SCHEDULES & DETAIL
P1.1	OVERALL FIRST FLOOR PLAN
P3.1	PARTIAL FIRST FLOOR RENOVATION PLAN - WASTE AND VENT
P3.2	PARTIAL FIRST FLOOR RENOVATION PLAN - CW AND HW
PD 3.1	PARTIAL FIRST FLOOR DEMOLITION PLAN



# TCMC PHARMACY RETAIL ROOM

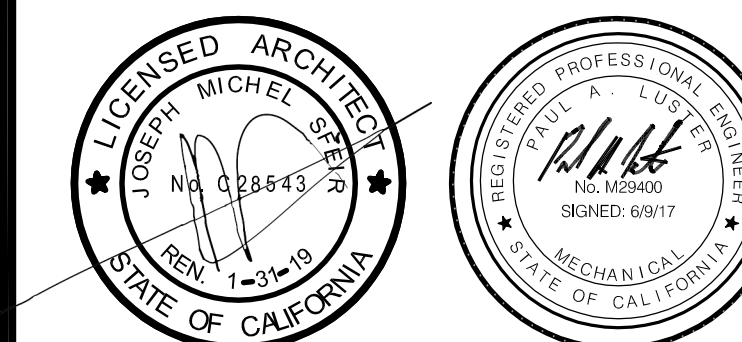
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ME&P: P2S  
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TEL(619)618-2347



REV	DESCRIPTION	DATE
1	OSHPD COMMENTS	07/19/17

OSHPD APPROVAL STAMP:  
OSHPD #:

## LEGEND, ABBREVIATIONS, SCHEDULES & DETAIL

PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

PROJECT #:  
01641.00

DRAWN BY:  
ED

CHECKED BY:  
RS

SCALE:  
NA

DATE:  
06/19/2017

SHEET NUMBER:  
**P0.2**

### LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	NOTE CALLOUT		CONDENSATE DRAIN
	DETAIL CALLOUT - NUMBER ON TOP DENOTES DETAIL NUMBER - NUMBER ON BOTTOM DENOTES SHEET DETAIL IS SHOWN		ELBOW DOWN
	MECHANICAL EQUIPMENT CALLOUT. SEE MECHANICAL PLANS FOR EXACT LOCATION AND REQUIREMENTS		PIPE TEE UP & DOWN OR ELBOW UP
	POINT OF CONNECTION		PIPE TEE DOWN
	POINT OF DISCONNECTION		PIPE TEE UP
	EXISTING PIPE/EQUIPMENT		GATE VALVE
	DEMOLISHED PIPE/EQUIPMENT		BALL VALVE
	INDIRECT WASTE		HOSE BIBB
	SANITARY SEWER/WASTE UNDERGROUND		FLOOR DRAIN
	SANITARY SEWER/WASTE ABOVEGROUND		FLOOR SINK, 1/2 GRATE
	SANITARY VENT		FLOOR CLEANOUT
	DOMESTIC HOT WATER RETURN		CLEANOUT TO GRADE
	DOMESTIC HOT WATER SUPPLY		WALL CLEANOUT
	DOMESTIC COLD WATER		WATER HAMMER ARRESTOR
	STORM DRAIN PIPING		TRAP PRIMER
	SOFT COLD WATER		

### ABBREVIATIONS

ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
@	AT	GPR	GAS PRESSURE REGULATOR
ABV	ABOVE	H&CW	HOT AND COLD WATER
A/C	ABOVE CEILING	H/L	HIGH LEVEL
AC	ACETYLENE	HDR	HEADER
AD	AREA DRAIN	HT	HEIGHT
AFF	ABOVE FINISHED FLOOR	IN	INCHES
AFG	ABOVE FINISHED GRADE	IW	INDIRECT WASTE
AFSR	AUTOMATIC FIRE SPRINKLER RISER	L or LAV	LAVATORY
AR	ARGON GAS	MAX	MAXIMUM
AV	ACID VENT	MIN	MINIMUM
AW	ACID WASTE	MPG	NATURAL MEDIUM PRESSURE GAS
BEL	BELOW	MTD	MOUNTED
BFP	BACKFLOW PREVENTER	NTS	NOT TO SCALE
B/G	BELOW GRADE	O	OXYGEN
B/F	BELOW FLOOR	OD	OVERFLOW DRAIN
BTM	BOTTOM	OS&Y	OPEN SCREW AND YOKE
BV	BALL VALVE	POC	POINT OF CONNECTION
C-100	CONDENSATE RETURN	POD	POINT OF DISCONNECTION
CI	CAST IRON	PSI	POUNDS PER SQUARE INCH
CIP	CAST IRON PIPE	RD	ROOF DRAIN
CLG	CEILING	RI&C	ROUGH-IN AND CONNECT
COTG	CLEAN-OUT TO GRADE	S-100	STEAM
CU	CUBIC	S	SINK, SEWER, SOIL
CW	COLD WATER	SD	STORM DRAIN
DEPT	DEPARTMENT	SOV	SHUT-OFF VALVE
DF	DRINKING FOUNTAIN	SQ	SQUARE
DIA	DIAMETER	SS	SERVICE SINK
DN	DOWN	T/A	TO ABOVE
DS	DOWNSPOUT	T/B	TO BELOW
DWG	DRAWING(S)	TP	TRAP PRIMER
(E)	EXISTING	TP	TYPICAL
EXIST	EXISTING	UG	UNDERGROUND
EQUIP	EQUIPMENT	UON	UNLESS OTHERWISE NOTED
EWC	ELECTRIC WATER COOLER	UR	URINAL
F	FIRE	V	SANITARY VENT
F/A	FROM ABOVE	VLT	VOLTAGE
F/B	FROM BELOW	VTR	VENT THRU ROOF
FCO	FLOOR CLEAN-OUT	W	WASTE
FD	FLOOR DRAIN	W	WITH
FF	FINISHED FLOOR	WC	WATER CLOSET
FM	FORCE MAIN	WCO	WALL CLEAN-OUT
FS	FLOOR SINK	WH	WATER HEATER
FT	FEET	WHA	WATER HAMMER ARRESTOR
G	NATURAL GAS (LOW PRESSURE)		
GAL	GALLONS		
GPM	GALLONS PER MINUTE		

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.

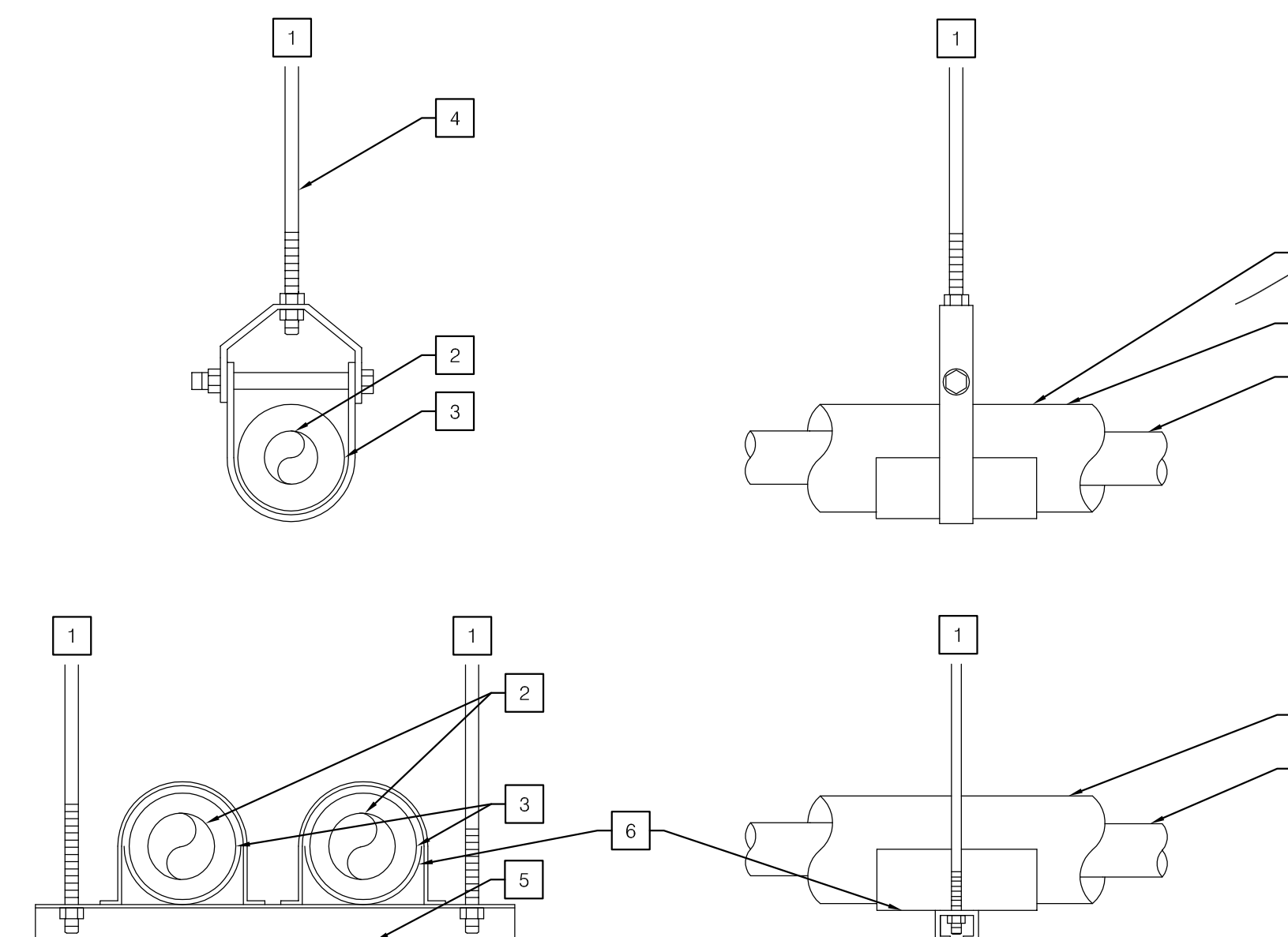
### FIXTURE SCHEDULE

MARK	FIXTURE	CW	HW	S OR W	V	REMARKS
WC-1	WATER CLOSET (ACCESSIBLE)	1'	-	4'	2'	AMERICAN STANDARD "AFWALL MILLENIUM" #3351, WALL MOUNTED, VITREOUS CHINA, ELONGATED BOWL, TOP SPUD, OLSONITE #95SSCT OPEN FRONT SEAT, SLOAN OPTIMA PLUS SFSM REGAL #1111, 1.28 GPM, HARD WIRED, ADA COMPLIANT. PROVIDE WITH TRANSFORMER AND WATER CLOSET SUPPORT.
L-1	LAVATORY (ACCESSIBLE)	1/2"	1/2"	2	1-1/2"	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.
S-1	KITCHEN SINK (SINGLE BOWL)	1/2"	1/2"	2'	1-1/2"	JUST #SLN-ADA-1815-A-GR, STAINLESS STEEL SINGLE COMPARTMENT SELF RIMMING SINK, WITH SLOAN OPTIMA FAUCET ETF-700, 24VAC TRANSFORMER, 0.5 GPM NON AERATING LAMINAR FLOW, UNDER COUNTER MIXING VALVE, 1006 RIGID SUPPLYS AND STOPS, GRID STRAINER, CHROME PLATED 17GA. L.A. PATTERN CAST BRASS P-TRAP.

NOTE: ALL FIXTURES SHALL BE PROVIDED WITH MINIMUM ROUGH-IN CONNECTIONS AS INDICATED IN THIS SCHEDULE OR PER MANUFACTURERS RECOMMENDATIONS. THE PLUMBING CONTRACTOR SHALL RUN ALL SERVICE LINES, ROUGH-IN AND MAKE FINAL CONNECTIONS TO ALL FIXTURES. PLUMBING CONTRACTOR SHALL FURNISH AND SHALL ALL TRIMS, FLUSH VALVES, TAILPIECES, STRAINERS, P-TRAPS, TRAP ARMS, HOT & COLD WATER STOPS AND FAUCETS AS REQUIRED.

### PIPE SCHEDULE

SERVICE	LOCATION	MATERIALS
DOMESTIC WATER	COLD WATER	TYPE 'L' COPPER TUBING W/ WROUGHT COPPER SWEAT FITTINGS.
	HOT WATER	SAME AS ABOVE W/ 1" THICK MINERAL FIBER, PREFORMED PIPE INSULATION FOR NPS 1-1/4" AND SMALLER, USE 1-1/2" THICK FOR NPS 1-1/2" AND LARGER.
SANITARY WASTE	ABOVE GRADE	NO-HUB CAST IRON BY 'AB&I, TYLER OR CHARLOTTE', LISTED WITH C.I.S.P.I. AND SHALL COMPLY WITH STANDARD 301, HEAVY-DUTY STAINLESS STEEL FOUR BAND COUPLINGS ASTM C 1277.
	BELOW GRADE	NO-HUB CAST IRON BY 'AB&I, TYLER OR CHARLOTTE', LISTED WITH C.I.S.P.I. AND SHALL COMPLY WITH STANDARD 301, HEAVY-DUTY STAINLESS STEEL FOUR BAND COUPLINGS ASTM C 1277.
SANITARY VENT	CONCEALED	NO-HUB CAST IRON BY 'AB&I, TYLER OR CHARLOTTE', LISTED WITH C.I.S.P.I. AND SHALL COMPLY WITH STANDARD 301, HEAVY-DUTY STAINLESS STEEL FOUR BAND COUPLINGS ASTM C 1277.
	EXPOSED	NO-HUB CAST IRON BY 'AB&I, TYLER OR CHARLOTTE', LISTED WITH C.I.S.P.I. AND SHALL COMPLY WITH STANDARD 301, HEAVY-DUTY STAINLESS STEEL FOUR BAND COUPLINGS ASTM C 1277.



### NOTES

- ATTACH SUPPORTS TO STRUCTURE. SEE STRUCTURAL DRAWINGS.
- PIPE.
- INSULATION WHERE REQD.
- 3/8" HANGER ROD (TYP).
- UNISTRUT CHANNEL
- 20 GA. GALV. IRON SHEET SHIELD (12" LONG).
- PROVIDE A SECTION OF HIGH COMPRESSION STRENGTH INSULATION AT EACH HANGER POINT. INSULATION MAY BE HALF ROUND OR FULL ROUND & EXTENDED 2" BEYOND GALV. SHIELD EA. WAY.

### 1 PIPE HANGER NO SCALE



# TCMC PHARMACY RETAIL ROOM

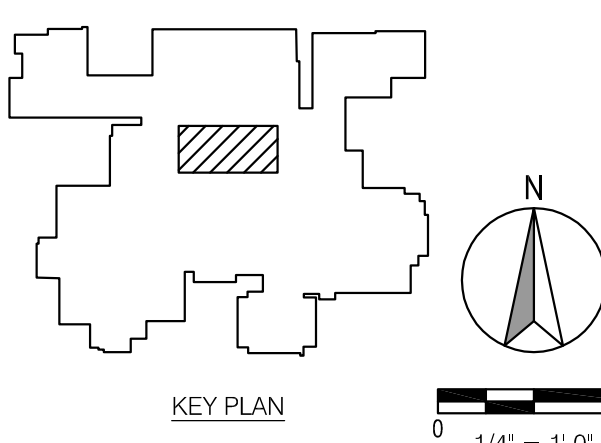
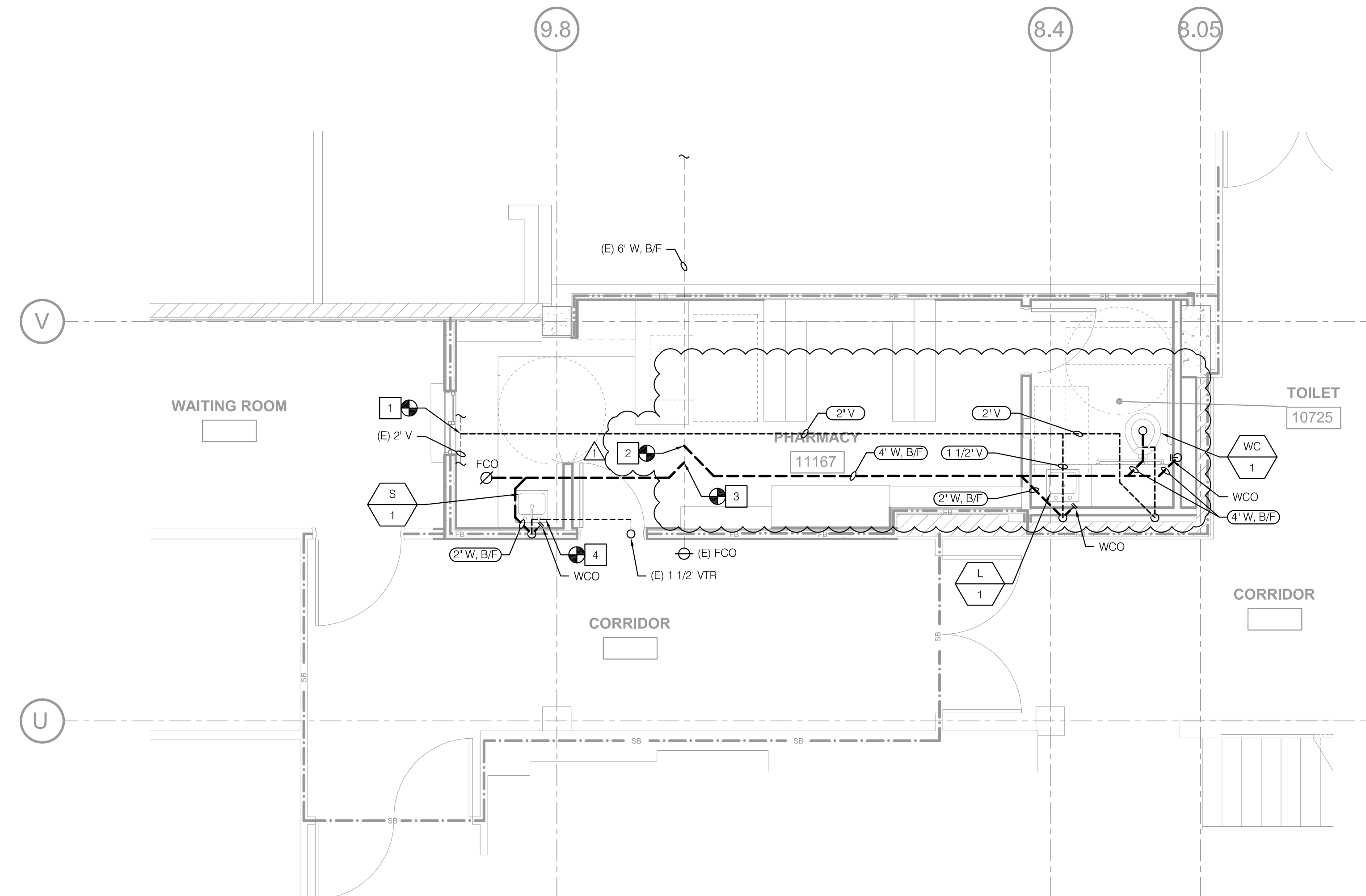
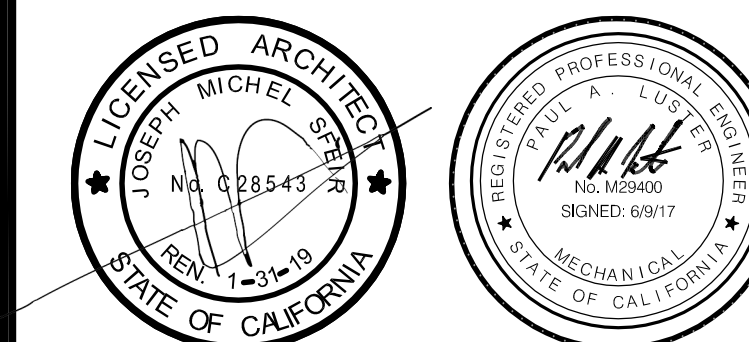
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OWNER: TRI-CITY MEDICAL CENTER  
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TEL(619)618-2347



KEYNOTES

- 1 POC 2\"/>
- 2 POC 4\"/>
- 3 POC 2\"/>
- 4 POC 1 1/2\"/>

OSHPD COMMENTS 07/19/17

REV: DESCRIPTION DATE

CONSULTANT

OSHPD APPROVAL STAMP:  
OSHPD #:

SHEET TITLE:  
PARTIAL FIRST FLOOR  
RENOVATION PLAN -  
WASTE AND VENT

PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

PROJECT # 01641.00 SHEET NUMBER:  
DRAWN BY: ED  
CHECKED BY: RS  
SCALE: NA  
DATE: 06/19/2017

P3.1



# TCMC PHARMACY RETAIL ROOM

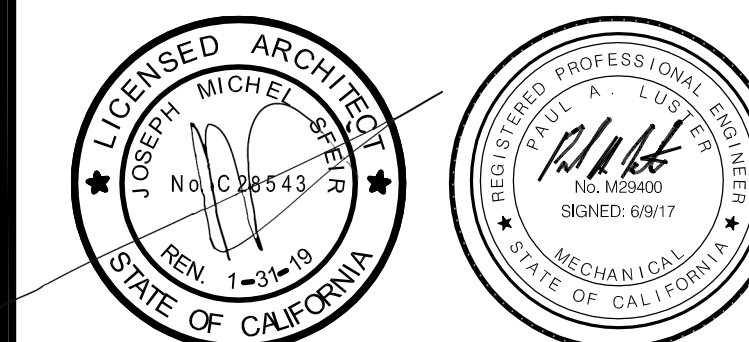
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OSHPD COMMENTS 07/19/17

KEY: DESCRIPTION DATE:  
CONSULTANT

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SHEET TITLE:  
**PARTIAL FIRST FLOOR  
RENOVATION PLAN -  
CW AND HW**

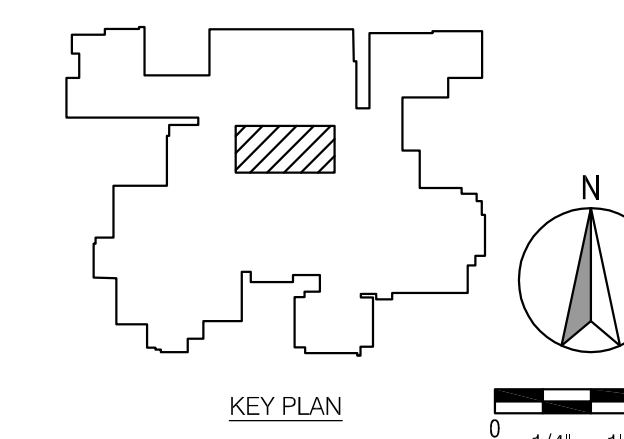
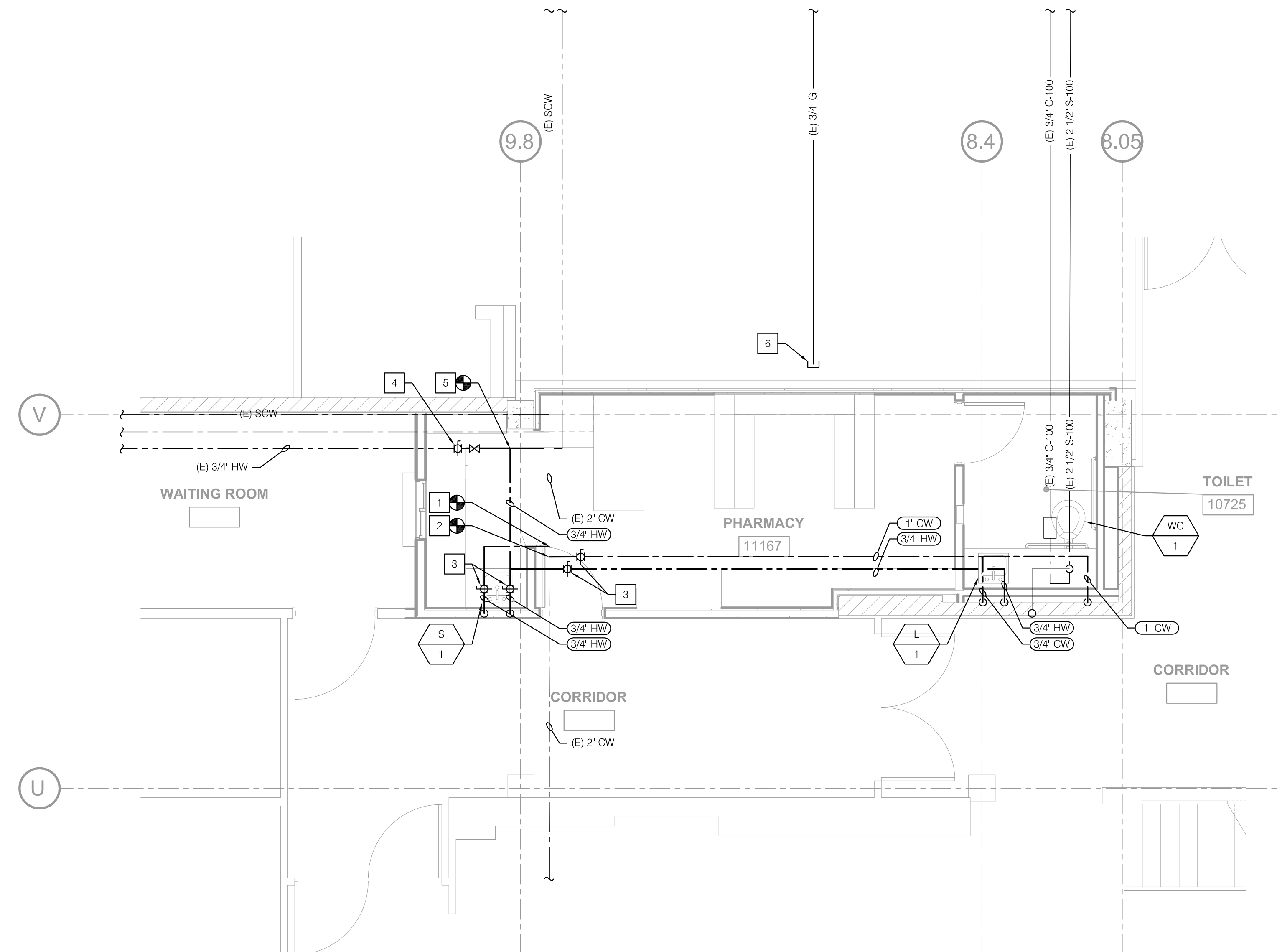
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TCMC PHARMACY RETAIL ROOM

PROJECT # 01641.00 SHEET NUMBER:  
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SCALE: NA  
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**P3.2**

KEYNOTES

- 1 POC 3/4" CW TO (E) 2" CW.
- 2 POC 1" CW TO (E) 2" CW.
- 3 SHUT OFF VALVE.
- 4 (E) GATE VALVE AND (E) BAL. COCK ABV. CEILING IN A.P.
- 5 POC 3/4" HW TO (E) 3/4" HW.
- 6 CAP (E) 3/4" G PIPE AIR AND WATER TIGHT.



# TCMC PHARMACY RETAIL ROOM

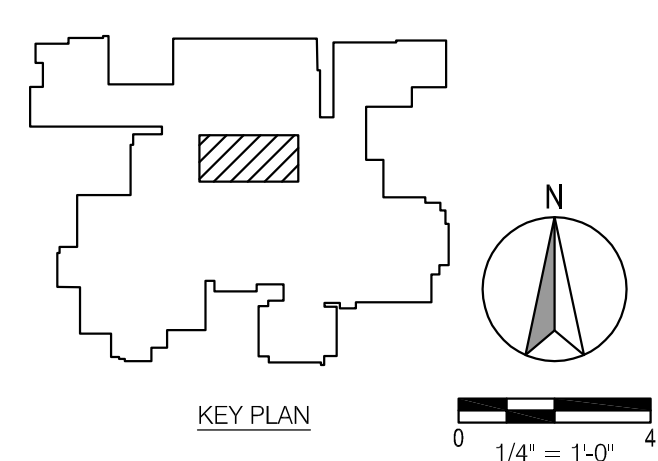
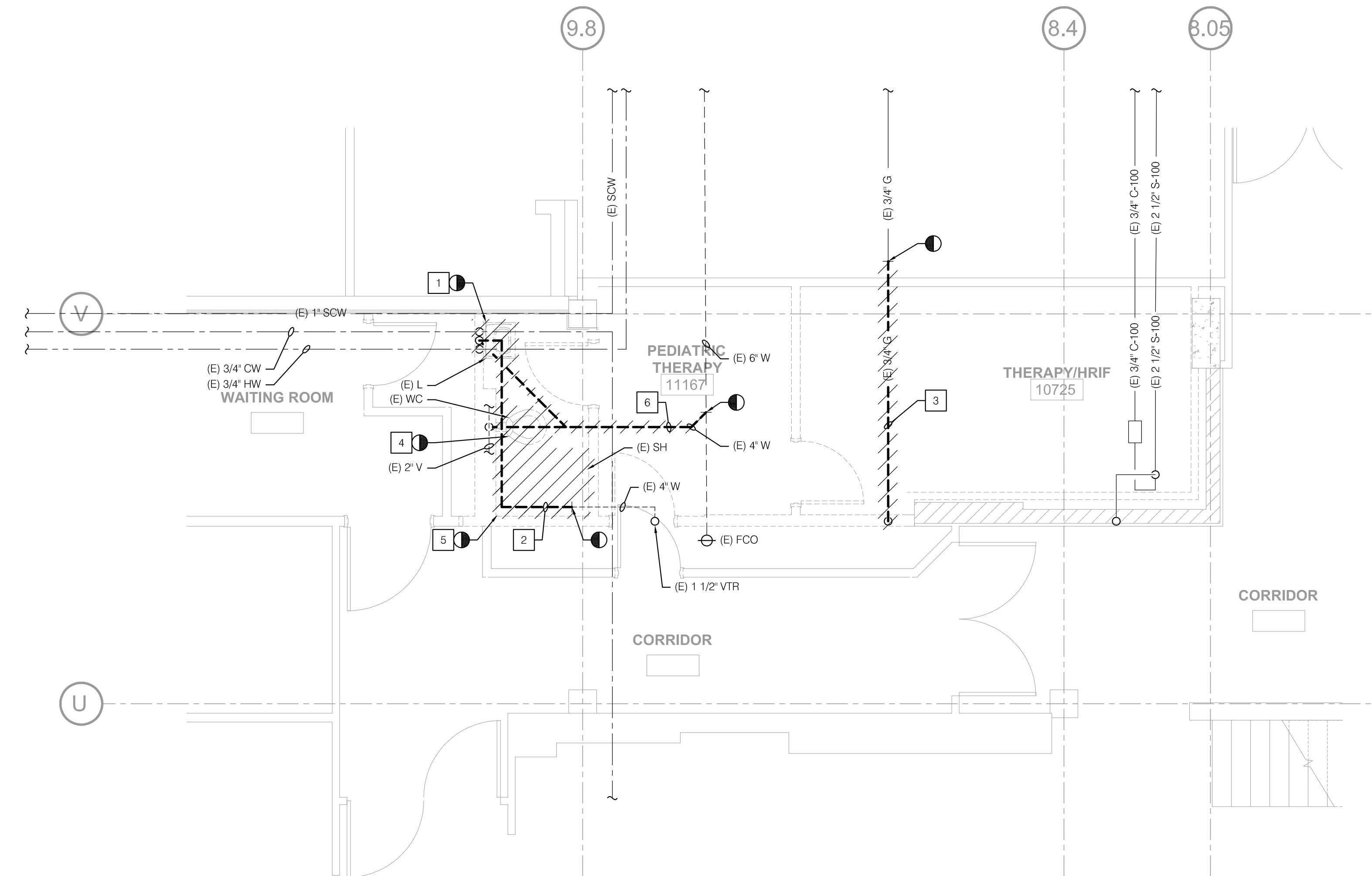
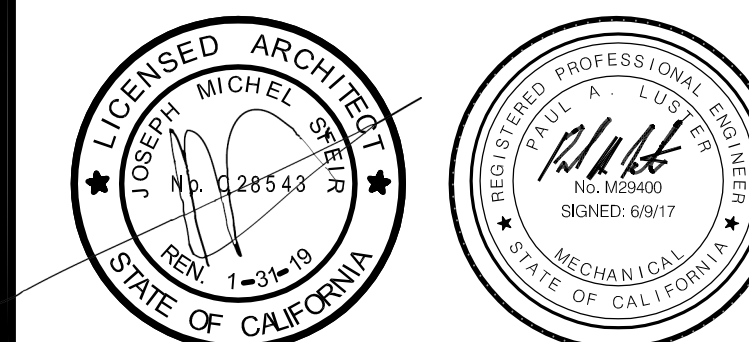
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- KEYNOTES**
- 1 REMOVE (E) LAV, PIPING AND ITS ASSOCIATED APPURTENANCES.
  - 2 REMOVE (E) 1 1/2" V.
  - 3 REMOVE AND CAP (E) 3/4" G.
  - 4 REMOVE (E) WC, PIPING AND ITS ASSOCIATED APPURTENANCES.
  - 5 REMOVE (E) SH, PIPING AND ITS ASSOCIATED APPURTENANCES.
  - 6 REMOVE (E) 4" W.

REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #:

SHEET TITLE:  
**PARTIAL FIRST FLOOR  
DEMOLITION PLAN**

PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

PROJECT #: 01641.00 SHEET NUMBER:  
DRAWN BY: ED  
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SCALE: NA  
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**PD3.1**

LEGEND

Table with 2 columns: SYMBOL and DESCRIPTION. Lists various electrical symbols such as NOTE CALLOUT, DETAIL CALLOUT, MECHANICAL EQUIPMENT CALLOUT, LIGHTING FIXTURE CALLOUT, SECTION CALLOUT, FEEDER CALLOUT, EXISTING FEEDER CALLOUT, NEW LINEWORK, EXISTING LINEWORK, DEMOLISHED LINEWORK, CONDUIT CONCEALED IN WALL OR ABOVE CEILING, CONDUIT EXPOSED, CONDUIT CONCEALED UNDERGROUND OR BELOW FLOOR, BUSWAYS, CONDUIT EMERGENCY, CONDUIT TURNED UP, CONDUIT TURNED DOWN, CONDUIT CAPPED, BRANCH CIRCUIT HOMERUN TO PANELBOARD AND CIRCUITS AS INDICATED, 3/4" CONDUIT, TICK MARKS INDICATE QUANTITY OF #12 AWG WIRES (UNLESS NOTED OTHERWISE), SWITCH, CIRCUIT BREAKER, 2-WAY SWITCH, FUSE, TRANSFORMER, GROUND CONNECTION, MOTOR - SINGLE PHASE FRACTIONAL OR INTEGRAL HORSEPOWER, METER, ELECTRONIC CIRCUIT MONITOR, DRAWOUT BREAKER, DRAWOUT BREAKER 2, PANEL, DISCONNECT SWITCH, FUSED DISCONNECT SWITCH, NON-FUSED DISCONNECT SWITCH, COMBINATION STARTER/DISCONNECT SWITCH, SPLICE, TERMINATION, EXISTING TERMINATION, MODULAR SPLICE, EXISTING MODULAR SPLICE, 2X4 FLUORESCENT LIGHT FIXTURE, 1X4 FLUORESCENT LIGHT FIXTURE, 1X4 FLUORESCENT LIGHT FIXTURE UNSWITCHED/NIGHT LIGHT WITH 90 MINUTE EMERGENCY BATTERY PACK, FLUORESCENT STRIP LIGHT FIXTURE.

ABBREVIATIONS

Table with 2 columns: ABBREVIATION and DESCRIPTION. Lists electrical abbreviations such as 1/C SINGLE CONDUCTOR, @ AND, A OR AMP AMPERES, ABSV ASPHALT CONCRETE, AFF ABOVE FINISH FLOOR, AFG ABOVE FINISH GRADE, AIC AMPERE INTERRUPTING CAPACITY, AL ALUMINUM, APPROX APPROXIMATE, ARCH ARCHITECT, ARCHIT ARCHITECTURAL, ATC AIR TERMINAL CHAMBER, ATS AUTOMATIC TRANSFER SWITCH, AUTO AUTOMATIC, AUX AUXILIARY, AWG AMERICAN WIRE GAUGE, BAT BATTERY, BEL BELOW, BKBD BACKBOARD, BRK BREAKER, BLDG BUILDING, B.S. BARE STRANDED, C CONDUIT, CB CIRCUIT BREAKER, CC CONSTANT CURRENT, CMT CENTER LINE, CLG CEILING, CMU CONCRETE MASONRY UNIT, C.O. CONDUIT ONLY WITH PULL WIRE, COL COLUMBIA, CP COMMUNICATION PROCESSOR, CPT CONTROL POWER TRANSFORMER, CR CONTROL RELAY, CSJ CALIFORNIA STATE UNIVERSITY COMBINATION SMOKE FIRE DAMPER, CSFD CURRENT TRANSFORMER, CW COLD WATER, CU COPPER, DIAG DIAGRAM, DL DAMP LOCATION LISTING, DM DIGITAL METER, DP DISTRIBUTION PANEL, DIST DISTANCE, DWG DRAWING, DWP DEPARTMENT OF WATER & POWER, EA EACH, ELEC ELECTRICAL, EMH ELECTRICAL MANHOLE, EMT ELECTRICAL METALLIC TUBING, EPO EMERGENCY POWER OFF, EPR ETHYLENE PROPYLENE RUBBER, EQUIP EQUIPMENT, EXIST(E) EXISTING, EXP EXPLOSION PROOF, FA FIRE ALARM, FFE FINISHED FLOOR ELEVATION, FINL FINISH, FIP FIELD INTERFACE PANEL, FIKT FIXTURE, FLA FULL LOAD AMPS, FLR FLOOR, FLUOR FLUORESCENT, FT FEET, FACP FIRE ALARM CONTROL PANEL, FATC FIRE ALARM TERMINAL CABINET, FO FIBER OPTIC, FTG FOOTING, GFI GROUND FAULT INTERRUPTER, GFR GROUND FAULT RELAY, GG GREEN GROUND, GND GROUND, HOA HAND-OFF-AUTOMATIC HORSEPOWER, HP HORSEPOWER, HT HEIGHT, HTR HEATER, HZ HERTZ, IE INVERT ELEVATION, ISC SHORT CIRCUIT CURRENT, INCAND INCANDESCENT, JB JUNCTION BOX, KCMIL THOUSAND CIRCULAR MILS, KV KILOVOLT.

ABBREVIATIONS

Table with 2 columns: ABBREVIATION and DESCRIPTION. Lists electrical abbreviations such as KVA KILOVOLT-AMPERES, KW KILOWATT, LF LINEAR FEET, LIS LOAD INTERRUPTER SWITCH, LOC LOCATION, LTS LIGHTING, LV LOW VOLTAGE, MAX MAXIMUM, MCC MOTOR CONTROL CENTER, MCP MOTOR CIRCUIT PROTECTOR, MFGR MANUFACTURER, MH MANHOLE, MI MECHANICAL INTERLOCK, MRCT MULTIRATIO CURRENT TRANSFORMER, MOUNTED MOUNTED, MTD MOUNTING, MV MEDIUM VOLTAGE, N NORTH, NAC NOTIFICATION APPLIANCE CIRCUIT, NC NORMALLY CLOSED, NEC NATIONAL ELECTRICAL CODE, NF NON-FUSED, NIC NOT IN CONTRACT, NL NIGHT LIGHT- 24HRS ON, NO. NUMBER, OC ON CENTER, OD OUTSIDE DIAMETER, OE OVER-HEAD ELECTRICAL, OFC OIL FUSED CUTOFF, OH OVERHEAD, OL OIL LEVER SWITCH, P PANEL, PB PULL BOX, PC PHOTOCELL, PCB POLYCHLORINATED BIPHENYL, PDS PRESSURE DIFFERENTIAL SWITCH, PF POWER FACTOR, PH OR Ø PHASE, PILC PAPER INSULATED, LEAD COVER, PIV PLATE, PL PLATE, PNL PANEL, POC POINT OF CONNECTION, PRI PRIMARY, PVC POLY-VINYL CHLORIDE, PWR POWER, REC/RECEPT RECEPTACLE, REQD REQUIRED, RGS RIGID GALVANIZED STEEL, RRPB REDUCED PRESSURE BACK FLOW PREVENTER, RM ROOM, SCE SOUTHERN CALIFORNIA EDISON, SF SQUARE FEET, SHT SHEET, SIG SIGNAL, SP SPARE, SPECS SPECIFICATIONS, ST STREET, STD STANDARD, SW SWITCH, SWBD SWITCHBOARD, SWGR SWITCHGEAR, SWST SWITCHING STATION, TB TERMINAL BLOCK, TEL/TELE TELEPHONE, TMH TELEPHONE MANHOLE, T.O.D. TOP OF DUCTBANK, T.O.M. TOP OF MANHOLE, TFS TWISTED SHIELDED PAIR, TRANSF/FMTR TRANSFORMER, TS TAMPER SWITCH, TYP TYPICAL, UG UNDERGROUND, UOON UNLESS OTHERWISE NOTED, V VOLTS, VA VOLT-AMPERES, VB VIBRATION SWITCH, VFD VARIABLE FREQUENCY DRIVE, W WATTS, W WITH, WO WITHOUT, WP WEATHERPROOF, Z IMPEDANCE.

IN THE EVENT ABBREVIATIONS NOT MENTIONED HEREIN ARE USED, REFERENCE WILL BE MADE TO ANSI Y11.1, MILITARY STANDARD ABBREVIATIONS, AND OTHER STANDARD INDUSTRY CONVENTIONS.

GENERAL NOTES

- 1. ALL WORK SHALL COMPLY WITH THE 2016 EDITION OF THE CALIFORNIA ELECTRICAL CODE AND ALL OTHER APPLICABLE FEDERAL AND STATE. WHERE THE CONSTRUCTION DOCUMENTS INDICATE MORE RESTRICTIVE REQUIREMENTS, THE CONSTRUCTION DOCUMENTS SHALL GOVERN BUT THE CONSTRUCTION DOCUMENTS SHALL NOT BE INTERPRETED AS AUTHORITY TO VIOLATE ANY CODE OR REGULATION.
2. IN THE EVENT OF A CONFLICT OR INCONSISTENCY BETWEEN ITEMS INDICATED ON THE PLANS AND/OR SPECIFICATIONS OR WITH CODE REQUIREMENTS, THE NOTE, SPECIFICATION OR CODE WHICH PRESCRIBES AND ESTABLISHES THE MORE COMPLETE JOB OR THE HIGHER STANDARD SHALL PREVAIL.
3. OMISSIONS FROM THE DRAWINGS OR SPECIFICATIONS OR THE MISDESCRIPTION OF DETAILS OF WORK WHICH ARE MANIFESTLY NECESSARY TO CARRY OUT THE INTENT OF THE DRAWINGS AND SPECIFICATIONS, OR WHICH ARE CUSTOMARILY PERFORMED, SHALL NOT RELIEVE THE CONTRACTOR FROM PERFORMING SUCH OMITTED OR MISDESCRIBED DETAILS OF THE WORK BUT THEY SHALL BE PERFORMED AS IF FULLY AND CORRECTLY SET FORTH AND DESCRIBED IN THE DRAWINGS AND SPECIFICATIONS.
4. THE CONTRACTOR SHALL CHECK ALL DRAWINGS FURNISHED TO HIM IMMEDIATELY UPON THEIR RECEIPT AND SHALL PROMPTLY NOTIFY THE OWNER OF ANY DISCREPANCIES. FIGURES MARKED ON DRAWINGS SHALL IN GENERAL BE FOLLOWED IN PREFERENCE TO SCALE MEASUREMENTS. LARGE SCALE DRAWINGS SHALL IN GENERAL GOVERN SMALL SCALE DRAWINGS. THE CONTRACTOR SHALL COMPARE ALL DRAWINGS AND VERIFY THE FIGURES BEFORE LAYING OUT THE WORK AND WILL BE RESPONSIBLE FOR ANY ERRORS WHICH MIGHT HAVE BEEN AVOIDED THEREBY.
5. ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND SHALL BEAR THE UNDERWRITERS LABEL (UL) AND SHALL BE INSTALLED IN THE MANNER FOR WHICH THEY ARE DESIGNED AND APPROVED.
6. THE CONTRACTOR SHALL NOT BORE, NOTCH OR IN ANY WAY CUT INTO ANY STRUCTURAL MEMBER WITHOUT WRITTEN APPROVAL FROM THE ARCHITECT OR STRUCTURAL ENGINEER.
7. ALL CONDUIT CONNECTIONS TO MACHINES AND EQUIPMENT SUBJECT TO VIBRATION (INCLUDING TRANSFORMERS) SHALL BE MADE WITH SEALTIGHT FLEX CONDUIT. PROVIDE SUFFICIENT SLACK TO ELIMINATE VIBRATION. ARRANGE CONNECTIONS TO PREVENT THE ENTRANCE OF MOISTURE. PROVIDE CONTINUOUS GROUND WIRE THROUGH ALL FLEX TO ASSURE GROUND CONTINUITY.
8. FOR PURPOSES OF CLARITY AND LEGIBILITY, THE ELECTRICAL DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC. THE SIZE AND LOCATION OF EQUIPMENT IS SHOWN TO SCALE WHEREVER POSSIBLE. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS, DATA INFORMATION AS INDICATED ON THE DRAWINGS AND IN THE SPECIFICATION SECTIONS WHERE ELECTRICAL WORK INTERFACES WITH OTHER TRADES.
9. ELECTRICAL CONTRACTOR SHALL COMPLY WITH THE CALIFORNIA STATE HANDICAP LAWS WITH REGARD TO THE FOLLOWING:
A. MOUNTING HEIGHT OF RECEPTACLES - NO OUTLET SHALL BE MOUNTED ON A WALL AT LESS THAN 15" FROM FLOOR TO BOTTOM OF BOX.
B. MOUNTING HEIGHT OF SWITCHES AND THERMOSTATS - DEVICES SHALL BE MOUNTED AT NO HIGHER THAN 48" AFF TO TOP OF BOX, BUT NOT LESS THAN 36" AFF.
10. THE CONTRACTOR SHALL MAINTAIN AS-BUILT DRAWINGS TO REFLECT ALL CHANGES MADE DURING CONSTRUCTION AND ANY DEVIATIONS FROM THE ELECTRICAL DRAWINGS. THIS INCLUDES DEVIATIONS FROM CIRCUIT NUMBERS AND ANY ADDITION, DELETION OR RELOCATION OF OUTLETS SHOWN ON WORKING DRAWINGS.
11. OUTLET BOXES ON OPPOSITE SIDES OF FIRE RATED WALLS SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF NOT LESS THAN 24 INCHES.
12. ALL RECEPTACLES INSTALLED IN A WET LOCATION SHALL BE WITHIN AN ENCLOSURE THAT'S WEATHERPROOF EVEN WHEN AN ATTACHMENT PLUG IS INSERTED.
13. 2016 CBC MECHANICAL, ELECTRICAL AND PLUMBING EQUIPMENT ANCHORAGE NOTES:
ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE USA APPROVED CONSTRUCTION DOCUMENTS, WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCES AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2016 CBC, SECTIONS 1616A AND ASCE 7-10 CHAPTER 13.
A. ALL PERMANENT EQUIPMENT AND COMPONENTS.
B. TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.
C. MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.
THE ATTACHMENT OF THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENT SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.
A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORTS THE COMPONENT.
B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.
FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE STRUCTURAL ENGINEER, THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.
14. PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTES:
PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-10 SECTION 13.3 AS DEFINED IN ASCE 7-10 SECTION 13.8.8, 13.8.7, 13.8.5.6, AND 2016 CBC, SECTION 1616A.
THE BRACING AND ATTACHMENTS TO THE STRUCTURE SHALL BE DETAILED ON THE APPROVED DRAWINGS OR THEY SHALL COMPLY WITH ONE OF THE OSHPD PREAPPROVAL OF MANUFACTURERS CERTIFICATION (OPM#) AS MODIFIED TO SATISFY ANCHORAGE REQUIREMENTS OF ACI 318, APPENDIX D.
COPIES OF THE MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF HANGING AND BRACING OF THE PIPE, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS.
THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.
15. THE CONTRACTOR SHALL INSTALL ALL CONDUITS AND WIRES WITH A MINIMUM NUMBER OF BENDS AND IN SUCH A MANNER AS TO CONFORM TO THE STRUCTURE, AVOID OBSTRUCTIONS, PRESERVE HEAD ROOM, KEEP OPENINGS AND PASSAGEWAYS CLEAR AND MEET ALL STRUCTURAL CODE REQUIREMENTS.
16. THE CONTRACTOR SHALL PROVIDE SUPPORT FOR ALL FIXTURES AND ELECTRICAL EQUIPMENT TO COMPLY WITH THE SEISMIC REQUIREMENTS OF THE UNIFORM BUILDING CODE AND ALL LOCAL ORDINANCES.
17. PROVIDE TYPEWRITTEN DIRECTORY CARD IN ALL PANELS. IDENTIFY LOAD SERVED BY EACH CIRCUIT BREAKER.
18. WHERE PROVIDED, THROUGH-PENETRATION FIRESTOP SYSTEM AND MEMBRANE PENETRATION DETAILS ARE FOR REFERENCE ONLY. THROUGH-PENETRATIONS AND MEMBRANE PENETRATIONS SHALL BE PROTECTED BY AN APPROVED FIRESTOP SYSTEM OR MEMBRANE PENETRATION FIRESTOP SYSTEM INSTALLED AS TESTED IN ACCORDANCE WITH ASTM E 814 OR UL 1478, WITH A MINIMUM POSITIVE PRESSURE DIFFERENTIAL OF 0.01 INCH (2.49 PA) OF WATER OR AS OTHERWISE PERMITTED BY CBC, SECTION 714. LISTED THROUGH-PENETRATION FIRESTOP SYSTEMS AND MEMBRANE PENETRATIONS SHALL BE INSTALLED IN ACCORDANCE WITH THE INSTALLATION DETAILS FOR LISTED SYSTEMS, LISTED THROUGH-PENETRATION FIRESTOP SYSTEMS, MEMBRANE PENETRATION PROTECTION AND OTHER PERMITTED MEANS AND METHODS OF PENETRATION PROTECTION SHALL BE SUBMITTED FOR OSHPD FDD REVIEW AND APPROVAL PRIOR TO INSTALLATION.

DEMOLITION NOTES

- 1. 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.
2. 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.
3. 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.
4. PROTECT ALL EXISTING CONDUIT, WIRE AND SIGNAL SYSTEMS CABLES PASSING THRU REMODEL AREAS THAT SERVE ADJACENT AREAS.
5. 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.
6. 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.
7. 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.
8. REMOVE ALL ABANDONED SIGNAL SYSTEM CABLES IN CEILING SPACE.
9. THE WORD "ELECTICAL" USED IN THE CONTEXT OF THESE DEMOLITION PLANS INCLUDES LIGHTING, ELECTRICAL DEVICES & EQUIPMENT, AND ALL SIGNAL SYSTEMS.
10. REFER TO LIGHTING, POWER & SIGNAL PLANS FOR ADDITIONAL EXISTING ELECTRICAL TO REMAIN.
11. 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.
12. 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.
13. PROVIDE DEMOLITION OF ALL ELECTRICAL DEVICES (INCLUDING BUT NOT LIMITED TO LIGHT FIXTURES, RECEPTACLES, SWITCHES, DATA OUTLETS, FIRE ALARM DEVICES, ETC.) AND ASSOCIATED CIRCUITS, UNLESS OTHERWISE NOTED, WITHIN AREA OF WORK. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS FOR LOCATION AND EXTENT OF DEMOLITION REQUIRED. VISIT JOBSITE PRIOR TO BID TO DETERMINE EXTENT OF WORK INVOLVED. PROVIDE MATERIALS AND LABOR AS REQUIRED TO MAINTAIN AND/OR RESTORE CONTINUITY OF SERVICE TO EXISTING CIRCUITS.
14. CIRCUITS PROVIDED ARE FROM AS-BUILT DOCUMENTS AND GENERAL FIELD OBSERVATIONS, VERIFY ALL CIRCUITS BEFORE COMMENCING WORK.
15. FIELD VERIFY EXISTING EQUIPMENT OR CIRCUITS THAT ARE REMAINING AND TO BE RECONNECTED TO EXISTING PANEL BOARDS. PROVIDE SWITCHES, CONDUIT, WIRE, ETC., AS REQUIRED TO RESTORE CONTINUITY OF ALL CIRCUIT(S). VERIFY WHAT CIRCUITS TO BE RETAINED VIA CIRCUIT TRACING.
16. PROVIDE ALL NECESSARY DEMOLITION TO REMOVE EXISTING UNUSED CONDUIT, WIRE, CABLE, J-BOXES, SWITCHES, LIGHTS, ETC., COMPLETE WITH ASSOCIATED CIRCUITING SOURCE.
17. SYSTEM OUTAGES SHALL BE PERMITTED ONLY AT TIME APPROVED BY OWNER, IN WRITING. WORK WHICH COULD RESULT IN AN ACCIDENTAL OUTAGE, BEYOND BRANCH CIRCUITS, SHALL BE PERFORMED WITH THE OWNERS MAINTENANCE PERSONNEL ADVISED OF SUCH WORK.
18. PROVIDE NEW UPDATED TYPED PANEL CIRCUIT INDEXES FOR EXISTING AND NEW PANEL BOARDS.
19. LIGHT LINES INDICATE EXISTING CONDITIONS. DARK LINES INDICATE EXISTING CONDITIONS THAT ARE MODIFIED OR ARE NEW.

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TCMC PHARMACY RETAIL ROOM

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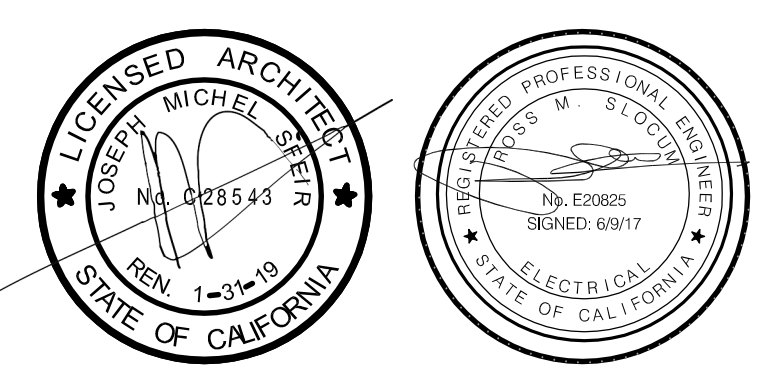


Table with 2 columns: REVISION, DESCRIPTION, DATE. Includes OSHPD COMMENTS, SHEET INDEX, and CONSULTANT information.

SHEET INDEX

Table with 2 columns: SHEET NUMBER, SHEET TITLE. Lists sheets E0.1 through E6.1 including GENERAL NOTES, LEGEND, SYMBOL & SHEET INDEX, OVERALL FIRST FLOOR PLAN, ENLARGED DEMOLITION POWER AND LIGHTING, ENLARGED REMODEL POWER AND LIGHTING, ELECTRICAL PARTIAL SINGLE LINE DIAGRAM AND PANEL SCHEDULES, ELECTRICAL DETAILS.

SHEET TITLE: GENERAL NOTES, LEGENDS, SYMBOLS, & SHEET INDEX
PROJECT TITLE: TCMC PHARMACY RETAIL ROOM
PROJECT #: 01641.00 SHEET NUMBER: ED
DRAWN BY: RS
CHECKED BY: RS
SCALE: NA
DATE: 06/19/2017
E0.1



# TCMC PHARMACY RETAIL ROOM

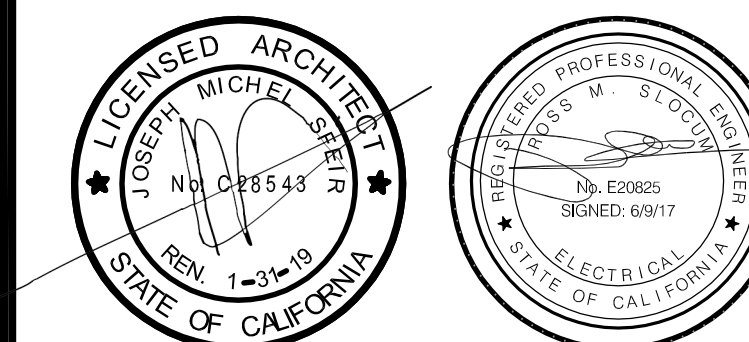
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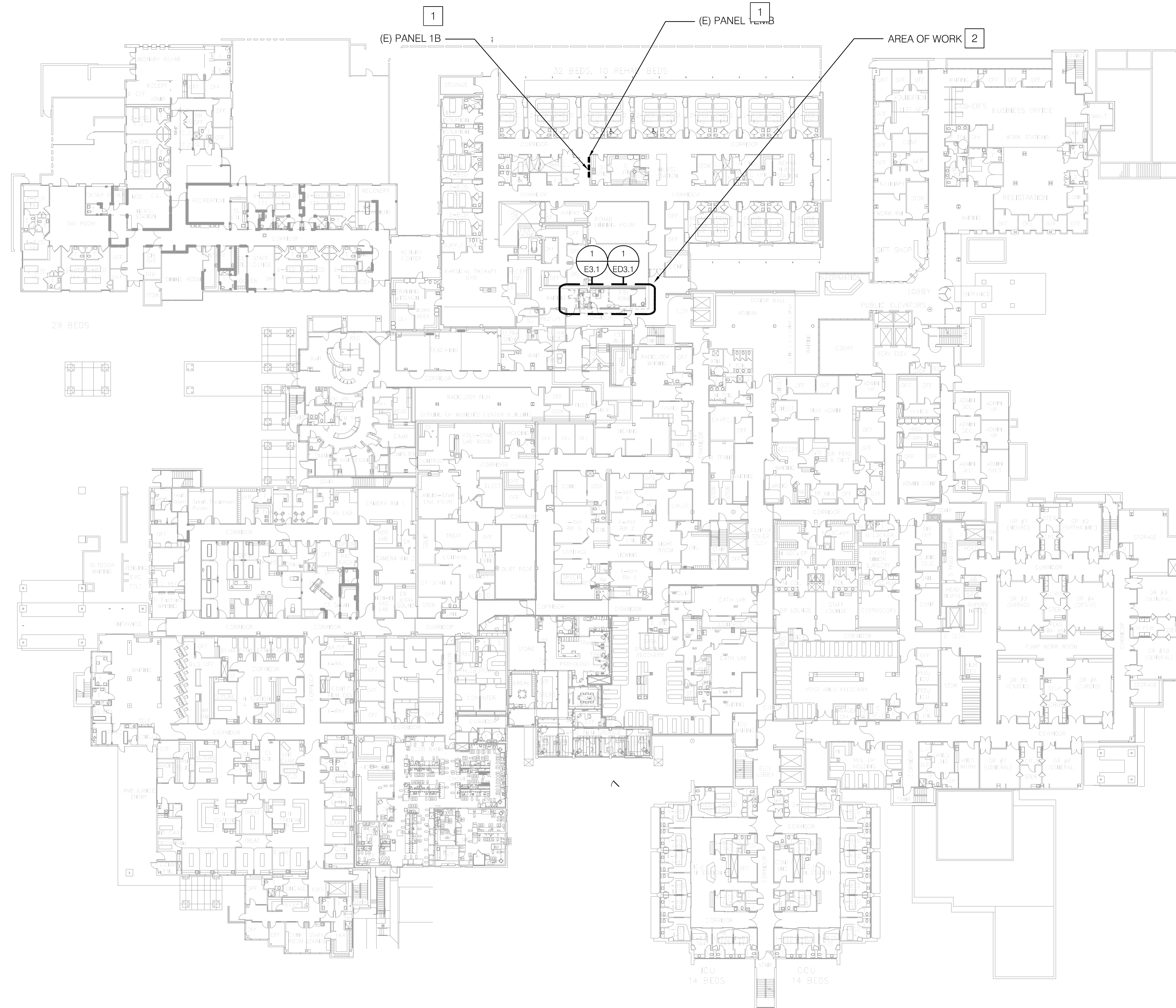
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- NOTES
- EXISTING PANEL TO BE UTILIZED FOR SCOPE OF WORK.
  - REFER TO DEMOLITION AND RENOVATION ENLARGED FLOOR PLANS INDICATED FOR FULL SCOPE OF WORK.



1 OVERALL FIRST FLOOR PLAN  
1/32" = 1'-0"

REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #:

SHEET TITLE:  
OVERALL FIRST FLOOR  
PLAN

PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

PROJECT #:  
01641.00

DRAWN BY:  
ED

CHECKED BY:  
RS

SCALE:  
NA

DATE:  
06/19/2017

SHEET NUMBER:  
E2.1

TCMC  
PHARMACY  
RETAIL ROOM

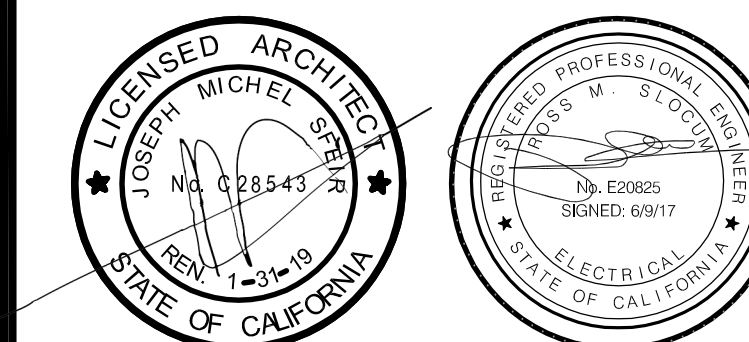
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REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #:

SHEET TITLE:  
**ENLARGED DEMOLITION  
POWER AND LIGHTING -  
LEVEL 1 FLOOR PLAN**

PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

PROJECT #:  
01641.00

SHEET NUMBER:  
ED3.1

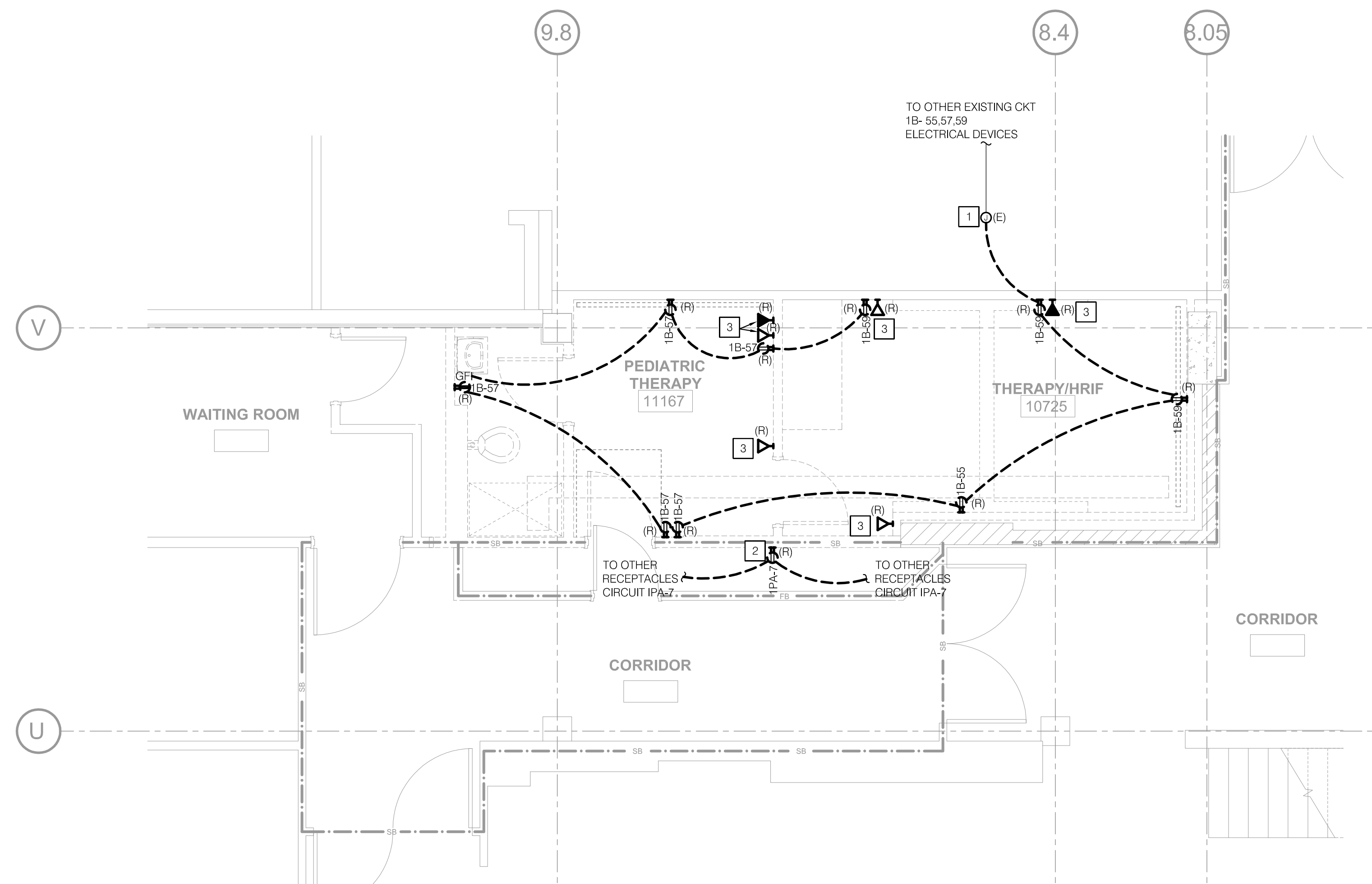
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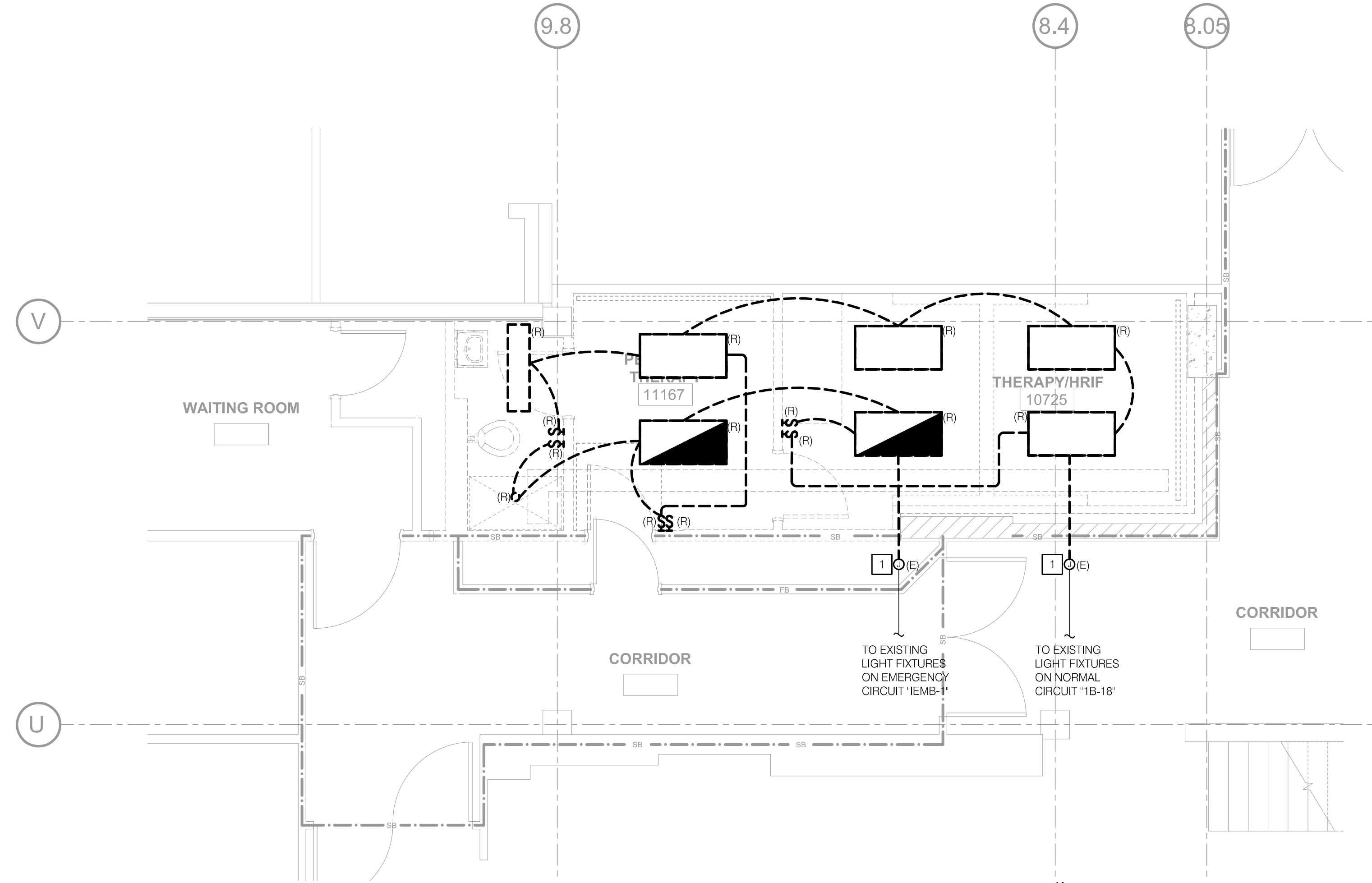
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NA

DATE:  
06/19/2017

- NOTES
- 1 REMOVE EXISTING BRANCH CIRCUITRY TO NEAREST JUNCTION BOX. RETAIN SERVICE TO DEVICES OUTSIDE AREA OF WORK.
  - 2 REMOVE RECEPTACLE. RETAIN BRANCH CIRCUITING FOR FUTURE RE-CONNECTION.
  - 3 REMOVE ALL DATA CABLING AND CONDUIT TO SOURCE.



**2 ENLARGED DEMOLITION POWER - LEVEL 1 FLOOR PLAN**  
1/4" = 1'-0"



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

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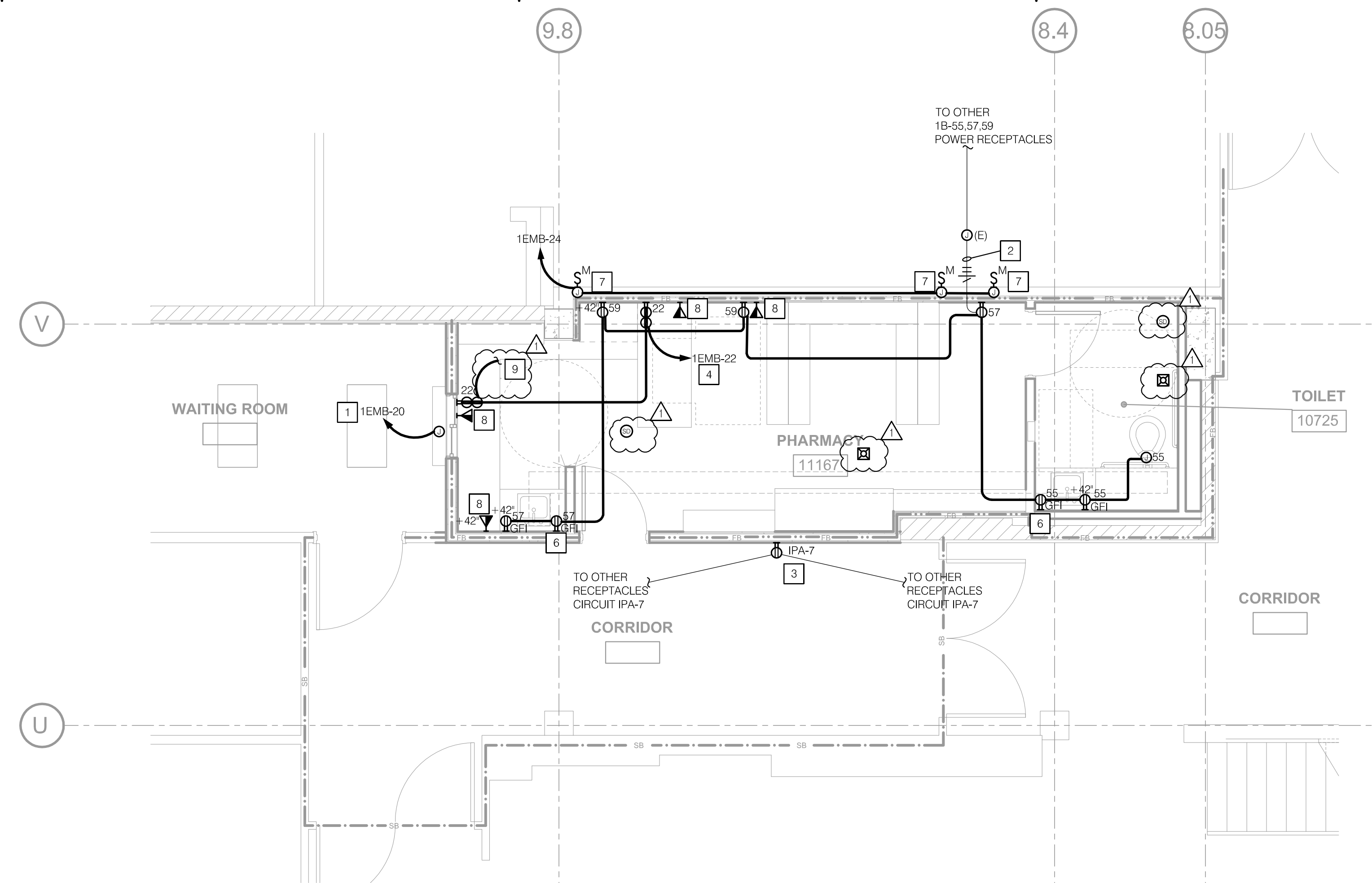
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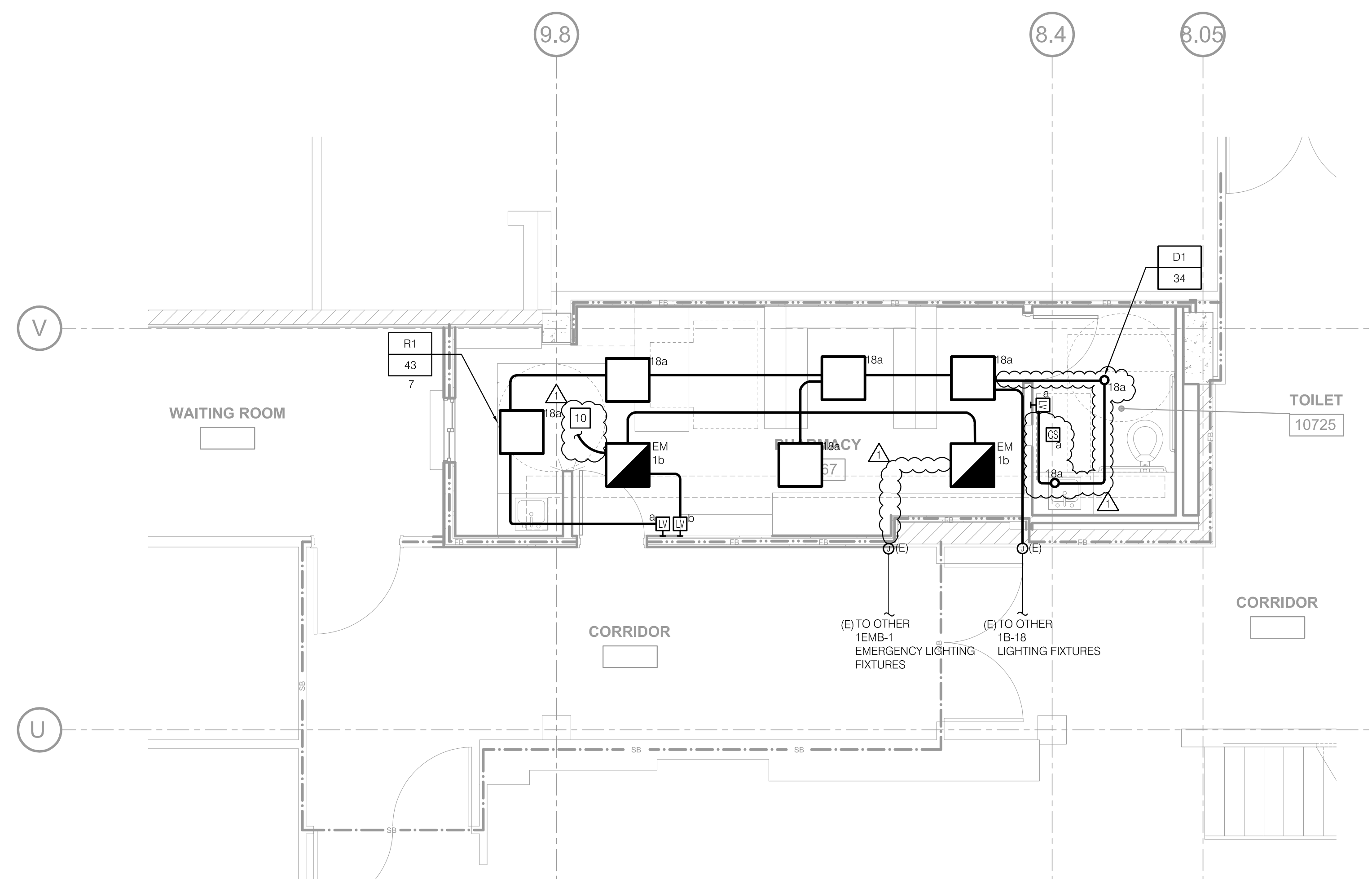
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**NOTES**

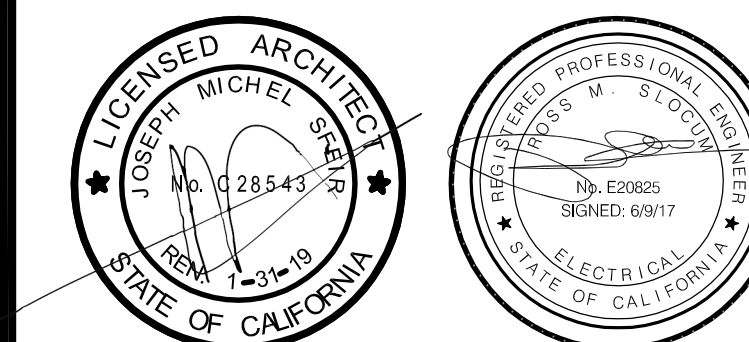
- 1 120V POWER TO FIRE SHUTTER. COORDINATE EXACT LOCATION WITH EQUIPMENT VENDOR. COORDINATE INTERFACE WITH EXISTING FIRE ALARM SYSTEM WITH VENDOR.
- 2 INTERCEPT & EXTEND 3/4" C WITH 3#12, 1#12N, 1#12G TO NEW BRANCH CIRCUIT DEVICES.
- 3 RE-CONNECT NEW RECEPTACLE TO EXISTING CORRIDOR CIRCUIT IPA-7.
- 4 3/4" C - 2#12, 1#12G.
- 5 PROVIDE CONNECTION TO AUTO FLUSH UNIT. COORDINATE ALL REQUIREMENTS AND LOCATION WITH PLUMBING PRIOR TO INSTALLATION.
- 6 MOUNT DUPLEX RECEPTACLE FOR LAVATORY SENSOR TIGHT TO UNDERSIDE OF COUNTERTOP. COORDINATE WITH PLUMBING FOR EXACT LOCATION.
- 7 PROVIDE CONNECTION TO FIRE/SMOKE DAMPER. COORDINATE ALL REQUIREMENTS AND EXACT LOCATIONS WITH MECHANICAL PRIOR TO ANY ROUGH-IN.
- 8 PROVIDE 1-1/2" C FROM DEVICE TO ACCESSIBLE CEILING. SUPPORT CABLE WITH J-HOOKS TO NEAREST CABLE TRAY. COORDINATE WITH FACILITIES REPRESENTATIVE.
- 9 ROUTE NEW 120V EMERGENCY BRANCH CIRCUIT TO EMERGENCY LIGHT FIXTURES. REFER TO DETAIL 1 ON SHEET E-3.1 FOR CONTINUATION.
- 10 EMERGENCY BRANCH CIRCUIT CONTINUED FROM DETAIL 2.



**2 ENLARGED REMODEL POWER - LEVEL 1 FLOOR PLAN**  
1/4" = 1'-0"



**1 ENLARGED REMODEL LIGHTING - LEVEL 1 FLOOR PLAN**  
1/4" = 1'-0"



REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #:

SHEET TITLE:  
**ENLARGED REMODEL POWER AND LIGHTING - LEVEL 1 FLOOR PLAN**

PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

PROJECT #:  
01641.00

DRAWN BY:  
ED

CHECKED BY:  
RS

SCALE:  
NA

DATE:  
06/19/2017

**E3.1**



# TCMC PHARMACY RETAIL ROOM

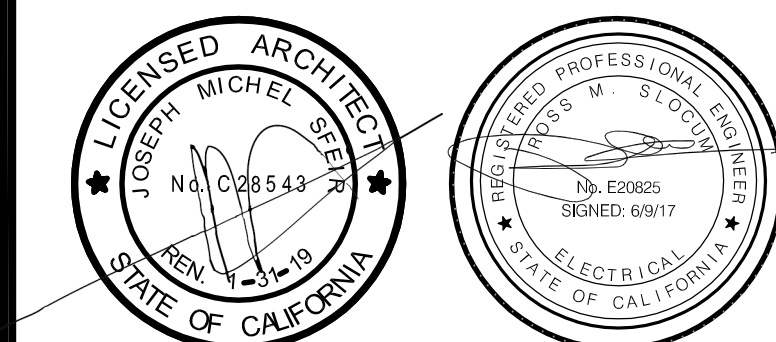
TRI-CITY MEDICAL  
CENTER  
4002 VISTA WAY  
OCEANSIDE, CALIFORNIA  
92056

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, SUITE 230  
SAN DIEGO, CALIFORNIA 92123  
TEL(619)616-2347



REV	DESCRIPTION	DATE

REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:  
OSHPD #:

SHEET TITLE:  
**ELECTRICAL PARTIAL  
SINGLE LINE DIAGRAM  
AND PANEL SCHEDULE**

PROJECT TITLE:  
TCMC PHARMACY RETAIL ROOM

PROJECT #:  
01641.00

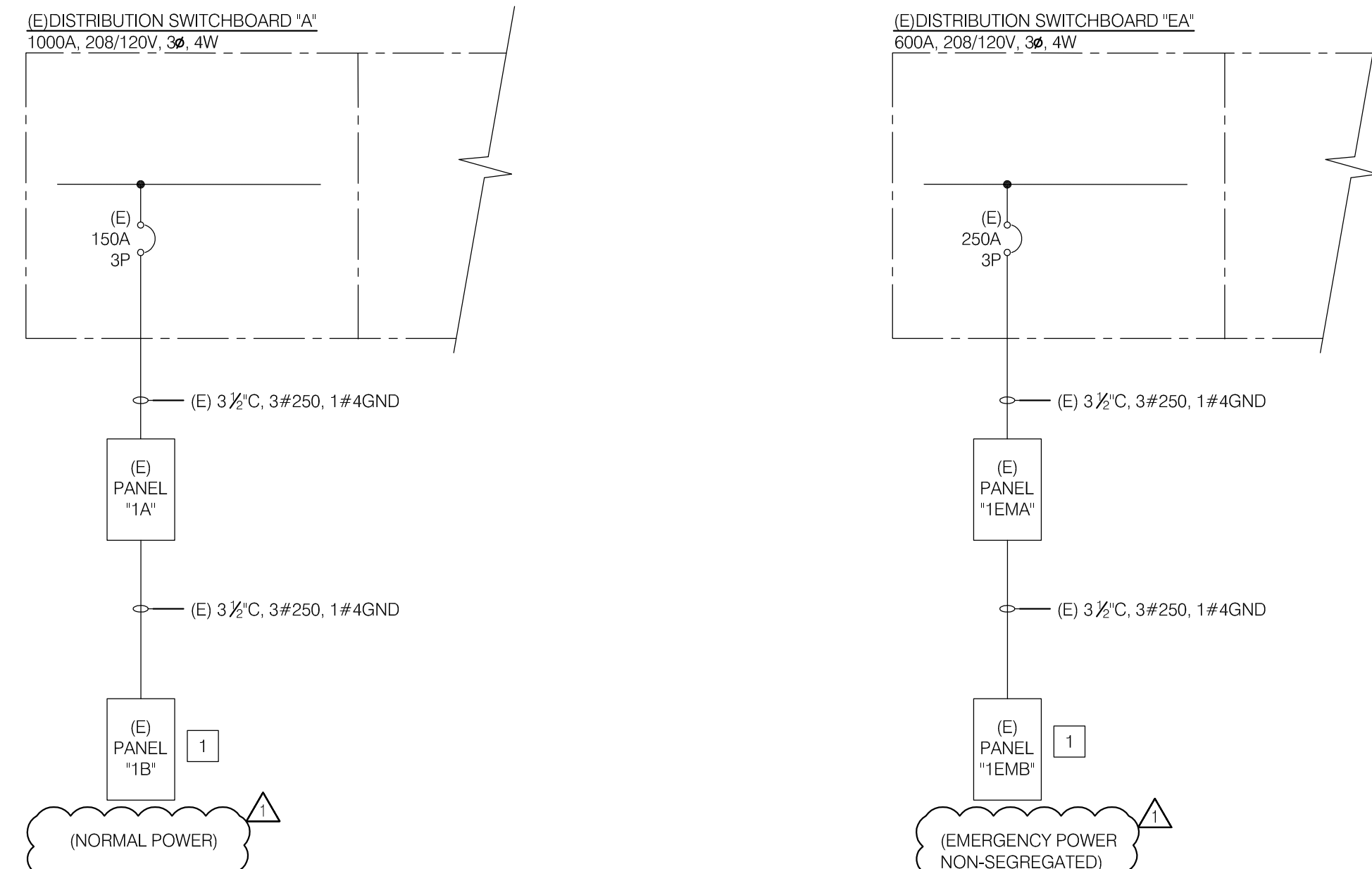
DRAWN BY:  
ED

CHECKED BY:  
RS

SCALE:  
NA

DATE:  
06/19/2017

SHEET NUMBER:  
E5.1



**2 ELECTRICAL SINGLE LINE DIAGRAM**  
NO SCALE

### INTERIOR LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	TOTAL V-A	LAMPS			VOLT AGE	MTG.	REMARKS
			NO.	V-A	TYPE			
R1 43	2' X 2' RECESSED LED LENSED TROFFER, MEDIUM OUTPUT 4000K 3775 LUMENS, WHITE FINISH COLOR WITH POWDER COAT FINISH TYPE STEEL/ACRYLIC, INTEGRAL LED DRIVER/POWER SUPPLY W/0-10V DIMMING, COLUMBIA #LJT2-40L-ML-G-FS-A12125-ED-U	43	-	43	LED	120	R	NOTES 1, 2, 3
D1 34	8" DIAM. LED DOWNLIGHT, OUTPUT 4000K 3000 LUMENS, UL LISTED FOR DAMP LOCATION, WHITE TRIM FINISH COLOR WITH CLEAR ALZAK SPECULAR REFLECTOR, ALUMINUM, INTEGRAL LED DRIVER/POWER SUPPLY W/0-10V DIMMING, PHOSCOLITE #MD9LED-3L-40K-8-120-8MD-3L-FL35-SL	34	-	34	LED	120	R	NOTES 1, 2, 3

GENERAL NOTES:  
1. ALL LUMINAIRES SHALL BE PROVIDED WITH 4000K COLOR TEMPERATURE LED AND LED DRIVERS AS SPECIFIED.

KEY NOTES:  
1. PROVIDE COMPLETE WITH ALL MOUNTING HARDWARE REQUIRED FOR A COMPLETE INSTALLATION.  
2. PROVIDE FIXTURE COMPLETE WITH NIGHT EMBEDDED CONTROLS.  
3. REFER TO ARCHITECTURAL PLANS FOR CEILING TYPE.

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

**3 LIGHTING FIXTURE SCHEDULE**  
NO SCALE

- NOTES**
- ALL NEW FEEDER CONDUCTORS SHALL BE CONTINUOUS WITH NO SPLICES.
  - 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.

- REFERENCE NOTES**
- UTILIZE EXISTING PANEL FOR NEW LOADS.
  - NEW LOAD ADDED TO EXISTING CIRCUIT BREAKER.
  - PROVIDE NEW 20A, 1P CIRCUIT BREAKER IN EXISTING SPACE.
  - PROVIDE HANDLE-TIE FOR CIRCUIT BREAKERS #55, 57 & 59.

**(E)PANEL: 1B**

LOCATION: CORRIDOR  
FLOOR: FIRST  
MOUNTING: RECESSED

VOLTAGE/PHASE: 208/120V, 3Ø, 4W  
BUS AMPS: 225 AMP  
MAIN BREAKER: 150 AMP 3P

FED FROM: PANEL "1A"  
RATING: 22KA AIC RATING

LOADS	SEE NOTE	OUTLETS LTG/RECMSC	VOLT-AMPS A B C	BKRY POLE ABC	BKRY POLE ABC	VOLT-AMPS A B C	OUTLETS LTG/RECMSC	SEE NOTE	LOADS
(E)LOAD			1,000	1	20/1	2			(E)LOAD
(E)LOAD			1,000	3	20/1	4			(E)LOAD
(E)LOAD			1,000	5	20/1	6			(E)LOAD
(E)LOAD				7	20/1	8			(E)LOAD
(E)LOAD				9	20/1	10			(E)LOAD
(E)LOAD				11	20/1	12			(E)LOAD
(E)LOAD				13	20/1	14			(E)LOAD
(E)LOAD				15	20/1	16			(E)LOAD
(E)LOAD				17	20/1	18			(E)LOAD
(E)LOAD				19	20/1	20			(E)LOAD
(E)LOAD				21	20/1	22			(E)LOAD
(E)LOAD				23	20/1	24			(E)LOAD
(E)LOAD				25	20/1	26			(E)LOAD
(E)LOAD				27	20/1	28			(E)LOAD
(E)LOAD				29	20/1	30			(E)LOAD
(E)LOAD				31	20/1	32			(E)LOAD
(E)LOAD				33	20/1	34			(E)LOAD
(E)LOAD				35	20/1	36			(E)LOAD
(E)LOAD				37	20/1	38			(E)LOAD
(E)LOAD				39	20/1	40			(E)LOAD
(E)LOAD				41	20/1	42			(E)LOAD
(E)LOAD				43	20/1	44			(E)LOAD
(E)LOAD				45	20/1	46			(E)LOAD
(E)LOAD				47	20/1	48			(E)LOAD
(E)LOAD				49	15/1	50			(E)LOAD
(E)LOAD				51	20/1	52			(E)LOAD
(E)LOAD				53	20/1	54			(E)LOAD
(E)LOAD				55	20/1	56			(E)LOAD
(E)LOAD				57	20/1	58			(E)LOAD
(E)LOAD				59	20/1	60			(E)LOAD
(E)LOAD				61	20/1	62			(E)LOAD
(E)LOAD				63	20/1	64			(E)LOAD
SPARE				65	20/1	66			(E)LOAD
SPARE				67	20/1	68			(E)LOAD
(E)LOAD				69	20/1	70			(E)LOAD
(E)LOAD				71	20/1	72			(E)LOAD
(E)LOAD				73	20/1	74			SPARE
SPARE				75	20/1	76			SPARE
SPARE				77	20/1	78			SPARE
SPARE				79	20/1	80			SPARE
(E)LOAD				81	15/2	82			(E)LOAD
(E)LOAD				83	-	84			(E)LOAD

TOTAL OA = 1,000 VOLT-AMPS 8.3 AMPS  
TOTAL OB = 1,000 VOLT-AMPS 8.3 AMPS  
TOTAL OC = 1,249 VOLT-AMPS 10.4 AMPS

TOTAL PANEL = 3,249 VA @ 208V, 3Ø = 9 AMPS

\* "L" DENOTES LONG CONTINUOUS LOAD  
PROVIDE 200% RATED NEUTRAL BUS AND ISOLATED GROUND BUS.

**(E)PANEL: 1B**

LOAD SUMMARY  
72-HR METER READING X 1.25 (05/05/17-05/08/17) = 30.1 KVA

REMOVED LOAD  
CKT #55 = 0.18 KVA  
CKT #57 = 0.90 KVA  
CKT #59 = 0.54 KVA  
CKT #18 = 0.29 KVA

ADDED LOAD  
CKT #55 = 0.72 KVA  
CKT #57 = 0.54 KVA  
CKT #59 = 0.36 KVA  
CKT #18 = 0.25 KVA

TOTAL LOAD (KVA) = 33.91 KVA  
208/120V, 3Ø, 4W = 40.81 A  
MAIN BUS RATING / MAIN CB RATING = 150 A

**(E)PANEL: 1A**

LOAD SUMMARY  
72-HR METER READING X 1.25 (05/05/17-05/08/17) = 22.5 KVA

REMOVED LOAD = 1.91 KVA

ADDED LOAD = 1.87 KVA

TOTAL LOAD (KVA) = 26.28 KVA  
208/120V, 3Ø, 4W = 150 A  
MAIN BUS RATING / MAIN CB RATING = 150 A

**1 PANEL SCHEDULES AND LOAD SUMMARIES**  
NO SCALE

**(E)PANEL: 1EMB**

LOCATION: CORRIDOR  
FLOOR: FIRST  
MOUNTING: RECESSED

VOLTAGE/PHASE: 208/120V, 3Ø, 4W  
BUS AMPS: 250 AMP  
MAIN BREAKER: 250 AMP 3P

FED FROM: DISTRIB SWBD "1EMA"  
RATING: 22KA AIC RATING

LOADS	SEE NOTE	OUTLETS LTG/RECMSC	VOLT-AMPS A B C	BKRY POLE ABC	BKRY POLE ABC	VOLT-AMPS A B C	OUTLETS LTG/RECMSC	SEE NOTE	LOADS
(E)LOAD				1	20/1	2			(E)LOAD
(E)LOAD				3	20/1	4			(E)LOAD
(E)LOAD				5	20/1	6			(E)LOAD
(E)LOAD				7	20/1	8			(E)LOAD
(E)LOAD				9	20/1	10			(E)LOAD
(E)LOAD				11	20/1	12			(E)LOAD
(E)LOAD				13	20/1	14			(E)LOAD
(E)LOAD				15	20/1	16			(E)LOAD
(E)LOAD				17	20/1	18			(E)LOAD
SPACE				19	-	20			500
SPACE				21	-	22			720
SPACE				23	-	24			249

TOTAL OA = 500 VOLT-AMPS 4.2 AMPS  
TOTAL OB = 720 VOLT-AMPS 6.0 AMPS  
TOTAL OC = 249 VOLT-AMPS 2.1 AMPS

TOTAL PANEL = 1,469 VA @ 208V, 3Ø = 4 AMPS

\* "L" DENOTES LONG CONTINUOUS LOAD  
PROVIDE 200% RATED NEUTRAL BUS AND ISOLATED GROUND BUS.

**(E)PANEL: 1EMB**

LOAD SUMMARY  
72-HR METER READING X 1.25 (05/05/17-05/08/17) = 13 KVA

REMOVED LOAD  
CKT #1 = 0.13 KVA

ADDED LOAD  
CKT #1 = 0.09 KVA  
CKT #20 = 0.50 KVA  
CKT #22 = 0.72 KVA  
CKT #24 = 0.25 KVA

TOTAL LOAD (KVA) = 14.65 KVA  
208/120V, 3Ø, 4W = 17.63 A  
MAIN BUS RATING / MAIN CB RATING = 250 A

**(E)PANEL: 1EMA**

LOAD SUMMARY  
72-HR METER READING X 1.25 (05/05/17-05/08/17) = 13 KVA

REMOVED LOAD = 0.13 KVA

ADDED LOAD = 1.56 KVA

TOTAL LOAD (KVA) = 14.65 KVA  
208/120V, 3Ø, 4W = 17.63 A  
MAIN BUS RATING / MAIN CB RATING = 250 A

FIRE SHUTTER PHARM 11167  
(N) PHARM 11167 REC & LIGHTING  
SFD5 PHARM 11167



