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September 08, 2017

#### TRI-CITY MEDICAL CENTER

#### TCMC Pharmacy Retail Room

4002 VISTA WAY OCEANSIDE, CA 92056

SA # 01641.00

#### **BID ADDENDUM NO. 1**

#### <u>General:</u>

All Contractors submitting proposals for the above named project shall take note of the following changes, additions, interpretations, clarifications, etc., in connection with the drawings and specifications and other general documents.

The following instructions have precedence over anything contrarily shown on the drawings or described in the specifications and shall be included in the contractor's bids.

Acknowledge receipt of this addendum by inserting its number and date in the space provided in the Bid Proposal.

Failure to do so may subject bidder to disqualification.

This addendum No. 1 consists of (76) pages.

#### PROJECT MANUAL:

Item No. 1 - <u>Section 02 41 19.16 Selective Interior Demolition:</u>

Delete section in its entirety.

Add attached Section 02 41 19.16 Delta 3.

Item No. 2 -	Section 02 42 00 Remove and Salvage of Construction
	<u>Material:</u>

Add Section 02 42 00 Delta 3.

Item No. 3 - Section 09 65 13 Resilient Base and Accessories:

Delete Section 09 65 13 In its entirety. Add attached Section 09 65 13 Delta 3.

Item No. 4 - <u>Section 09 65 19 Resilient Flooring:</u>

Delete Section 09 65 19 in its Entirety. Add attached Section 09 65 19 Delta 3.

Item No. 5 - <u>Section 09 91 23 Interior Painting:</u>

Delete Section 09 65 23 in its entirety. Add attached Section 09 65 23 Delta 3.

Item No. 6 - <u>Section 10 14 10 Interior Signage:</u>

Add attached Section 10 14 10 Interior Signage Delta 3.

#### DRAWINGS:

Item No. 7 - <u>Sheet A0 – 00: Delta 3</u>

Under Project Information: Delete "Seismic Zone 4" Add "Seismic Design Category 5".

Item No. 8 - Sheet A1-02: Delta 3

Detail 1 – Accessible toilet plan. Add "See backing detail 10/S-1 For Support".

Detail 13a - Add "Grab bar anchorage detail".

Detail 14 - Add "Grab Bar Dimensions."

Item No. 9 - <u>Sheet A4 – 00: Delta 3</u> Detail 1 – Add notes "20, 21 & 22"

> Demolition Key Notes. Delete note "18" in its entirety. Add revised note "18".

Demolition Keynotes- Add Notes "20, 21 & 22".

Item No. 10 - <u>Sheet A4 – 10: Delta 3</u>

Detail 1 – Add note "10, 1 & 12".

Floor Plan Keynotes: Add notes "10,11 & 12"

Add door reference "003" to overall head door.

Item No. 11 - Sheet A4 – 20: Delta 3

RCP Demolition notes: Add "Save to be reinstalled" to Note 9.

Item No. 12 - <u>Sheet A4 – 30: Delta 3</u>

Detail 1 - Add Note "7" in waiting room.

Item No. 13 - <u>Sheet A4 – 40: Delta 3</u>

Detail 7 - Delete Not "7". Add Note "14".

Item No. 14 - <u>Sheet A4 – 41: Delta 3</u>

Detail 1 - Remove restroom elevation. Delete Note "6". Add Note "12".

Elevation Keynotes - Add note "14".

Detail 2 - Delete Note "6". Add note "12".

Item No. 15 - Sheet A5 – 00: Delta 3

Detail 3 - Add Note to partition termination.

Detail 2 - Add note to partition termination.

Item No. 16 - Sheet A5 – 70: Delta 3

Detail 1 - Delete Notes "1 through 4" in their entirety. Add Notes "1 through 5".

Item No. 17 - Drawing A5 – 80: Delta 3

Detail 10 - Delete Reference Detail 6/SD1. Add reference Detail 5/SD1.

Detail 12 - Under note: Delete reference "X/SDX". Add reference "1/SD2".

Detail 12 - Delete Reference "X/SDX" on top of partition. Add reference "1/SD3".

Item No. 18 - <u>Sheet A5 – 81: Delta 3</u>

Detail 6 - Add note pointing to the sliding window "Aluminum sliding path through window with ¼" tempered glass."

Item No. 19 - <u>Sheet A6 – 00: Delta 3</u>

Door and Frame schedule - Add "Door 003".

Door Schedule Keynotes: Add "Note 5".

Door Schedule Finish Legend - Add "SS Stainless Steel".

Item No. 20 - Sheet ID – 1: Delta 3

Delete "Finish Schedule" in its entirety.

Add revised "Finish Schedule". Add door references "DR – 1" & "DR – 2". Detail 1 - Add Notes "2 & 3".

ID Keynotes - Add Note "2 & 3".

Item No. 21 - Sheet SD1: Delta 3

Detail 2 - Delete Note associated with kicker attachment to wall in its entirety. Add revised note.

Detail 5 - Delete Note associated with kicker attachment to wall in its entirety. Add revised note.

Item No. 22 -Sheet SD3: Delta 3Detail 1 - Delete note referencing Top of Stud<br/>anchorage.<br/>Add revised Note referencing Top of Stud Anchorage.Item No. 23 -Sheet ED3.1: Delta 3<br/>Detail 1 - Add removal of light switches and exit light.<br/>Detail 2 - Add removal of Power Outlets.

Notes - Add Note "1".

Reference Notes - Add Note "4".

Item No. 24 - <u>Sheet E3.1: Delta 3</u>

Detail 1 - Add light switches and exit light.

Detail 2 - Add power outlets.

Notes - Add "Note 1".

Reference Notes - Add "Notes 11 & 12".

#### END OF ADDENDUM # 1

#### TCMC PHARMACY RETAIL ROOM TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

#### SPECIFICATIONS 06/26/2017 DELTA 01 – OSHPD COMMENTS - 07/19/2017 DELTA 03 – OSHPD COMMENTS – 08/28/2017

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#### SECTION 02 41 19.16

#### SELECTIVE INTERIOR DEMOLITION

#### PART 1 GENERAL

#### 1.01 SUMMARY

- A. Work Results:
  - 1. Erect dustproof enclosures separating occupied from unoccupied areas before beginning demolition.
    - a. Provide infection control partition and seal as noted on Demolition Keynotes on Drawings.

Include infection control partitions as noted on Drawings.

- **b.** Remove enclosures when work is completed and patch surfaces damaged by work.
- Remove designated existing partitions, flooring, base, gypsum board, shower stall, wallpaper, plumbing fixtures, mirrors, cabinets, countertops, signage, and other building components, equipment and finishes as noted in Demolition Keynotes on Architectural Drawings.
- 3. Sawcut and remove portion of existing concrete floor slab as indicated.
- 4. Remove designated light fixtures, air registers, sprinkler heads, dome light nurse call, and ceilings as noted in RCP Demolition Keynotes on Drawings.
- 5. Provide shoring and bracing as necessary to ensure structural safety during demolition and until erection of new construction.
- 6. Cap and identify exposed utilities.
- 7. Legally dispose of debris off site.
- 8. Clean up and leave work areas prepared for new construction.
- B. Related Requirements:
  - 1. Use of Premises: Section 01 10 00 Summary.
  - 2. Alteration Project Procedures: Section 01 35 16.
  - 3. Barricades, Warning Lights and Signs: Section 01 50 00 Temporary Facilities and Controls.
  - 4. Cutting and Patching: Section 01 73 29.
  - 5. Trenching and Backfilling: Section 31 23 33.
- 1.02 DEFINITIONS
  - A. Remove: Detach items from existing construction and legally dispose of them off-site unless indicated to be removed and salvaged or removed and reinstalled.
  - B. Remove and Salvage: Carefully detach from existing construction, in a manner to prevent damage, and store as specified in Section 02 42 00.
  - C. Remove and Reinstall: Detach items from existing construction, prepare for reuse, and reinstall where indicated under Section 02 42 00.
  - D. Existing to Remain: Existing items of construction that are not to be permanently removed and that are not otherwise indicated to be removed, removed and salvaged, or removed and reinstalled.

#### 1.03 ADMINISTRATIVE REQUIREMENTS

- A. Existing Utility Services:
  - 1. Capping: Arrange and pay for disconnecting, removing and capping utility services within areas of demolition. Disconnect and stub off. Notify affected utility company in advance and obtain approval before starting this work.
  - 2. Identification: Place markers to indicate location of disconnected services. Identify service lines and capping locations on Project Record Documents.
- B. Materials Ownership:
  - 1. Materials to be Removed by Owner: Items which are removed prior to start of demolition shall remain property of Owner. All other items indicated to be removed but not indicated for reinstallation shall become property of Contractor who shall remove them from site.
    - a. Items to be Removed By Owner: Will be designated with marking prior to pre-bid tour of site.
  - 2. Unless otherwise indicated, demolition waste becomes property of Contractor.
- C. Coordination with Occupants: Portions of the building will be occupied during construction. See Section 01 10 00 Summary and Section 01 35 16. Do not interfere with use of occupied portions of building. Maintain free and safe passage to and from occupied areas.
- D. Predemolition Conference: Conduct conference at Project site.
  - 1. Inspect and discuss condition of construction to be selectively demolished.
  - 2. Review structural load limitations of existing structure.
  - 3. Review and finalize selective demolition schedule and verify availability of materials, demolition personnel, equipment, and facilities needed to make progress and avoid delays.
  - 4. Review requirements of work performed by other trades that rely on substrates exposed by selective demolition operations.
  - 5. Review areas where existing construction is to remain and requires protection.

#### 1.04 INFORMATIONAL SUBMITTALS

- A. Proposed Protection Measures: Submit report for review and approval, including drawings, that indicates the measures proposed for protecting individuals and property, for dust control, and for weather enclosure of the existing building to remain. Indicate proposed locations and construction of enclosures and barriers.
- B. Schedule of Selective Demolition Activities: Indicate the following:
  - 1. Detailed sequence of selective demolition and removal work, with starting and ending dates for each activity. Ensure Owner's on-site operations are uninterrupted.
  - 2. Interruption of utility services. Indicate how long utility services will be interrupted.
  - 3. Coordination for shutoff, capping, and continuation of utility services.
  - 4. Use of elevator and stairs.
  - 5. Coordination of Owner's continuing occupancy of portions of existing building and of Owner's partial occupancy of completed Work.
- C. Predemolition Photographs or Video: Submit before Work begins.

#### 1.05 SITE CONDITIONS

- A. Existing Conditions:
  - 1. Owner will occupy portions of building immediately adjacent to selective demolition area. Conduct selective demolition so Owner's operations will not be disrupted.
  - 2. Asbestos-Containing Materials: This Project is not known to have asbestos-containing materials in area designated for construction.

#### PART 2 PRODUCTS - Not Used

#### 2.01 MATERIALS FOR TEMPORARY INFECTION CONTROL PARTITIONS

- A. Fire Resistive Corrugated Board:
  - 1. Basis of Design Manufacturer and Product:
    - a. Manufacturer: Coroplast LLC; www.coroplast.com.
    - b. Product: Firewall FRB.
  - 2. UL94 Class: 94V-2.
  - 3. Material: Polypropylene copolymer.
- B. Tacky Mat: First Step as manufactured by Advanced Laminated Material Applications, Inc. Provide at all dust partitions and as indicated.

#### PART 3 EXECUTION

- 3.01 PREPARATION
  - A. Regulatory Requirements: Comply with governing EPA notification regulations before beginning selective demolition. Comply with hauling and disposal regulations of authorities having jurisdiction.
  - B. Review record documents of existing construction provided by Owner. Owner does not guarantee that existing conditions are same as those indicated in record documents.
  - C. Survey existing conditions and correlate with requirements indicated to determine extent of selective demolition required.
  - D. Site Access and Temporary Controls: Conduct selective demolition and debris-removal operations to ensure minimum interference with roads, streets, walks, walkways, and other adjacent occupied and used facilities.
  - E. Temporary Facilities: Provide temporary barricades and other protection required to prevent injury to people and damage to facilities to remain.
    - 1. Provide protection to ensure safe passage of people around selective demolition area and to and from occupied portions of building.
    - 2. Infection Control Partitions: Sealed for negative air pressure. Comply with requirements for dust control partition plus additional infection control requirements noted on Drawings. Seal existing openings with fire resistive corrugated board.
      - a. Temporary Exiting Provisions: Meet requirements of OSHPD CAN 9-3301.
      - b. Coordinate locations with OSHPD Field FLSO.
      - c. Provide ante-room.
    - 2. Provide temporary weather protection, during interval between selective demolition of existing construction on exterior surfaces and new construction, to prevent water leakage and damage to structure and interior areas.
    - 3. Protect walls, ceilings, floors, and other existing finish work that are to remain or that are exposed during selective demolition operations.
    - 4. Dust Protection: Erect and maintain dustproof partitions as required to prevent spread of dust, fumes and smoke to other parts of building. Erect and maintain infection control partitions from floor to underside of ceiling with zipper opening as indicated on Drawings. On completion, remove partitions and repair damaged surfaces to match adjacent surfaces.
      - a. Temporary Dust Partitions: Construct dust tight. Minimum construction to 3/8 inch gypsum board on metal studs spaced at 24 inches on center. Provide

fiberglass sill seal at floor and tape all joints with duct tape. Provide 3 inch thick mineral fiber sound batt insulation on construction side of partitions.

- b. Provide polyethylene sheeting from top of ceiling to underside of deck above during construction.
- 5. Cover and protect furniture, furnishings, and equipment that have not been removed.
- F. Temporary Shoring: Provide and maintain shoring, bracing, and structural supports as required to preserve stability and prevent movement, settlement, or collapse of construction and finishes to remain, and to prevent unexpected or uncontrolled movement or collapse of construction being demolished.
  - 1. Strengthen or add new supports when required during progress of selective demolition.
- G. Exterior Openings: Erect secure and weatherproof closures for exterior openings where work includes temporary penetration of exterior assemblies.

#### 3.02 SELECTIVE DEMOLITION OF BUILDING ASSEMBLIES AND COMPONENTS

- A. Standards: Comply with ANSI/ASSE A10.6 and NFPA 241.
- B. General: Demolish and remove existing construction only to the extent required by new construction and as indicated. Demolish in orderly and careful manner as required to accommodate new work. Protect existing foundations and supporting structural members.
  - 1. Execute demolition in manner to limit unnecessary dust and noise. Burning of materials on site not allowed.
  - Hazardous Materials: If the Contractor suspects that existing hazardous materials have been uncovered during demolition, do not disturb; immediately stop work in the area and notify the Owner. Hazardous materials will be removed by Owner under a separate contract.
  - 3. Neatly cut openings and holes plumb, square, and true to dimensions required. Use cutting methods least likely to damage construction to remain or adjoining construction. Use hand tools or small power tools designed for sawing or grinding, not hammering and chopping, to minimize disturbance of adjacent surfaces. Temporarily cover openings to remain.
  - 4. Cut or drill from the exposed or finished side into concealed surfaces to avoid marring existing finished surfaces.
  - 5. Do not use cutting torches until work area is cleared of flammable materials. At concealed spaces, such as duct and pipe interiors, verify condition and contents of hidden space before starting flame-cutting operations. Maintain fire watch and portable fire-suppression devices during flame-cutting operations.
  - 6. Maintain adequate ventilation when using cutting torches.
  - 7. Remove decayed, vermin-infested, or otherwise dangerous or unsuitable materials and promptly dispose of off-site.
  - 8. Remove structural framing members and lower to ground by method suitable to avoid free fall and to prevent ground impact or dust generation.
  - 9. Locate selective demolition equipment and remove debris and materials so as not to impose excessive loads on supporting walls, floors, or framing.
- C. Protection:
  - 1. Provide necessary temporary shoring and bracing to support and protect portions of existing building during demolition operations. Leave such shoring in place until permanent supports have been installed. Be solely responsible for design, safety and adequacy of temporary shoring and bracing and its ability to carry load for which intended.
  - 2. Protect existing slab to remain. Perform demolition using methods that leave slab surface in optimal condition to receive new construction.

- D. Safety: Cease operations and notify Architect immediately if safety of structure appears to be endangered. Take precautions to properly support structure. Do not resume until safety is restored.
- E. Repair: Repair demolition performed in excess of that required at no cost to Owner.
- 3.03 EXISTING FLOOR COVERINGS
  - A. Remove existing floor coverings where indicated or new floor coverings are scheduled. Remove existing mastic or mortar and leave floors smooth and clean and ready for new floor coverings.
- 3.04 UTILITY SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS
  - A. Existing Services/Systems to Remain: Maintain services/systems indicated to remain and protect them against damage.
  - B. Existing Services/Systems to Be Removed, Relocated, or Abandoned: Locate, identify, disconnect, and seal or cap off indicated utility services and mechanical/electrical systems serving areas to be selectively demolished.
    - 1. Owner will arrange to shut off indicated services/systems when requested by Contractor.
    - 2. If services/systems are required to be removed, relocated, or abandoned, provide temporary services/systems that bypass area of selective demolition and that maintain continuity of services/systems to other parts of building.

#### 3.05 CLEANING

A. During demolition operations, keep premises free from accumulations of waste material or rubbish caused by employees or work, and at completion of work remove rubbish, tools and surplus material and leave premises clean and ready for subsequent work.

#### 3.06 WASTE MANAGEMENT

- A. General: Comply with Section 01 74 19.
- B. Promptly remove waste, rubbish or debris from site.
- C. Disposal of Demolished Materials: Except for items or materials indicated to be reused, salvaged, reinstalled, or otherwise indicated to remain Owner's property, remove demolished materials from Project site.
  - 1. Do not allow demolished materials to accumulate on-site.
  - 2. Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.

#### END OF SECTION

#### **SECTION 02 42 00**

#### **REMOVAL AND SALVAGE OF CONSTRUCTION MATERIALS**

#### PART 1 GENERAL

#### 1.01 SUMMARY

- A. Work Results:
  - 1. Remove and salvage designated building equipment and fixtures indicated to be relocated in new construction.
  - 2. Store and protect items noted to be saved or relocated.
- B. Related Requirements:
  - 1. Keynotes on Drawings.
  - 2. Selective Demolition: Section 02 41 19.
  - 3. Repainting Preserved Lockers: Section 09 91 23 Interior Painting.

#### 1.02 ADMINISTRATIVE REQUIREMENTS

- A. Building Occupancy: Carry out removal work to cause as little inconvenience to occupants as possible.
- 1.03 DELIVERY, STORAGE, AND HANDLING
  - A. Salvaged materials shall be handled with care and deposited in identified storage areas in an undamaged condition.
  - B. Maintain salvaged materials, clean and store and preserve materials in existing condition until reuse, delivery to or collection by Owner, or removal from site by Contractor.

#### PART 2 PRODUCTS

- 2.01 EXISTING PRODUCTS
  - A. Materials and Products Removed by Owner: Items that are removed prior to start of demolition shall remain property of Owner.
  - B. Products and Materials to be Reused: All materials, equipment and fixtures scheduled or noted to be reused in other portions of work shall be salvaged and stored on site for later reinstallation. Such products include, but are not necessarily limited to, the following:
    - 1. Bumper rail.
    - 2. Wireless phone.
    - 3. Exit sign.

#### PART 3 EXECUTION

- 3.01 EXAMINATION
  - A. Documentation of the original condition of materials to be salvaged for the Owner or for reinstallation shall be the responsibility of the Contractor. Undocumented damage shall become

the responsibility of the Contractor and the Contractor shall make necessary repairs to these items before delivery to the Owner or reinstallation in the Project.

- 3.02 REMOVAL OF EQUIPMENT, BUILDING MATERIALS AND COMPONENTS
  - A. General: Perform removal in orderly and careful manner as required to accommodate new work. Protect existing supporting structural members.
    - 1. Asbestos Containing Materials: If the Contractor suspects that existing asbestos containing materials have been uncovered during removal, immediately stop work in the area and notify the Owner.
  - B. Materials to be Reused: Carefully remove materials, specialty items, equipment, etc. scheduled or noted to be reused in other portions of work and store at site for later reinstallation.

#### 3.03 REPAIR

- A. Repair removal performed in excess of that required at no cost to Owner.
- B. Repair any damage caused during removal, storage or reinstallation to satisfaction of Architect.
- 3.04 CLEANING AND WASTE MANAGEMENT
  - A. During removal operations, keep premises free from accumulations of waste material or rubbish caused by employees or work, and at completion of work remove rubbish, tools and surplus material and leave premises clean and ready for subsequent work. Promptly remove waste, rubbish or debris from site.

END OF SECTION

#### **SECTION 09 65 13**

#### **RESILIENT BASE AND ACCESSORIES**

#### PART 1 GENERAL

#### 1.01 SUMMARY

- A. Section Includes:
  - 1. Rubber base.
  - 2. Resilient marble terrazzo base.
  - **3.** Flooring transition strips.

#### 1.02 REFERENCES

A. Reference Standards: See Section 01 42 00.
 1. ASTM F1861-08 - Resilient Wall Base.

#### 1.03 ACTION SUBMITTALS

- A. Procedures: Submit for review, acceptance and return in accordance with Section 01 33 00.
- B. Product Data: Submit manufacturer's catalog data for all products proposed for installation.
- C. Samples for Verification: Submit samples of the brand of base and transition strips to be used.

#### 1.04 MAINTENANCE MATERIALS SUBMITTALS

- A. Provide the Owner at the completion of the Project the following items:1. One gallon of each type of adhesive used.
- 1.05 DELIVERY, STORAGE, AND HANDLING
  - A. General Requirements: Comply with Section 01 60 00.
  - B. Temperature: Store materials in original containers at not less than 70 deg F for not less than 24 hours immediately before installation.
- 1.06 AMBIENT CONDITIONS
  - A. Maintain temperature in space to receive base between 70 degrees F and 90 degrees F for not less than 24 hours before and 48 hours after installation.

#### PART 2 PRODUCTS

- 2.01 MANUFACTURERS AND PRODUCTS
  - A. Basis of Design Manufacturers and Products: See Finish Legend on Drawings.
     1. Armstrong Flooring, Inc.; <u>www.armstrongflooring.com/commercial</u>.
    - 2. Fritztile; www.fritztile.com, member of the Stonhard Group.
  - B. Substitution Requests: In accordance with Section 01 25 00.

#### 2.02 RESILIENT BASE

- A. Rubber Cove Base: ASTM F1861, Group 1. Type TS, thermoset vulcanized extruded rubber cove. 1/8-inch thickness by 4 inches high base unless other sizes are indicated.
  - 1. Style: Topset cove.
  - 2. Rubber Tile: Provide in rolls, not 4-foot sections.
- B. Resilient Terrazzo Tile: Match existing.
  - 1. Material: Marble, glass and/or granite chips embedded in flexible thermoset polyester resin matrix, with random distribution of chips and smooth factory applied urethane coating cured by ultra violet exposure process.
  - 2. Style: Straight bull nosed wall base.
- C. Types and Sizes: See Finish Legend on Drawings. <del>1/8-inch thickness by 4 inches high base unless other sizes are indicated.</del>
  - 1. Style: Topset cove.

2. Provide in rolls, not 4-foot sections.

- D. Provide pre-formed external corners. Job-formed internal corners may be used at Contractor's option.
- E. Colors: Match existing.
- F. Fire Resistance:
  - 1. Flame Spread: Do not exceed flame spread classifications in CBC Table 803.9.

#### 2.03 ADHESIVE

- A. Adhesive: As recommended by the manufacturer of the material being installed. Adhesive shall be a type not affected by heat.
  - 1. Low-Emitting Material Requirements: Use adhesives that comply with the limits for VOC content of SCAQMD Rule #1168:

#### PART 3 EXECUTION

- 3.01 EXAMINATION
  - A. Verification of Conditions: Examine substrate for unevenness that would prevent execution and quality of resilient base as specified. Report unsatisfactory conditions to the General Contractor.
  - B. Acceptance: Do not proceed with installation of resilient base until defects have been corrected. Beginning of installation means acceptance of existing substrate.

#### 3.02 APPLICATION OF ADHESIVES

- A. General: Mix and apply adhesives in accordance with manufacturer's instruction. Provide safety precautions during mixing and applications as recommended by adhesive manufacturer. Cover only that amount of area that can be covered by base within the recommended working time of the adhesive.
- B. Application: Apply adhesive uniformly over surfaces with notched trowel or other suitable tool. Clean trowel and rework notches as necessary to insure proper application of adhesive.

C. Cleaning: Remove any adhesive that dries or films over. Do not soil walls or adjacent areas with adhesives. Promptly remove spillage.

#### 3.03 INSTALLATION

A. Base: Tightly cement base to wall with butt joints 1/16-inch or less in width.

#### 3.04 CLEANING

A. Upon completion, remove loose, cracked, chipped, stained or otherwise defective base and replace in a satisfactory manner. Clean surfaces using only cleaners approved by the manufacturer. Remove mastic cement from adjoining work with particular care to not damage such work.

END OF SECTION

#### **SECTION 09 65 19**

#### **RESILIENT TILE FLOORING**

#### PART 1 GENERAL

#### 1.01 SUMMARY

- A. Section Includes:
  - 1. Vinyl composition tile flooring (VCT).
  - 1. "Luxury" vinyl tile (LVT) flooring.
  - 2. Replacing existing Fritz Tile resilient terrazzo flooring.

#### B. Related Requirements:

- 1. Finish Legend on Drawings.
- 2. Concrete Floor Slab Moisture Testing: Section 09 05 61 Common Work Results for Flooring Preparation.
- 3. Resilient Base and Accessories: Section 09 65 13.
- 4. Sheet Vinyl: Section 09 65 16 Resilient Sheet Flooring.

#### 1.02 REFERENCES

- A. Reference Standards: See Section 01 42 00. Comply with the following.
  - 1. ASTM International (ASTM):
    - a. ASTM F1700-13a Standard Specification for Solid Vinyl Floor Tile.
    - b. ASTM F1869-16 Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride.
  - 2. Resilient Floor Covering Institute (RFCI):
    - a. RFCI Standard Slab Moisture Test Method (Calcium Chloride Method).
- B. Guide References and Standard Practices: Comply with recommendations of the following except as otherwise specified in this Project Manual.
  - 1. ASTM International Standard Practices:
    - a. ASTM F710-11 Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring.

#### 1.03 ADMINISTRATIVE REQUIREMENTS

- A. Coordination:
  - 1. Concrete Subfloor Vapor Emission, Alkalinity and Bond Testing and Acceptance: Coordinate with Section 09 05 61.
    - a. Notwithstanding testing by others, it is the responsibility of the flooring installer to determine whether the subfloor is sufficiently dry for covering.
  - 2. Close spaces to traffic during the installation of the flooring.
- B. Sequencing:
  - 1. Finishing Operations: Install flooring after finishing operations, including painting and ceiling operations, have been completed.
  - 2. Install flooring wall to wall before the installation of floor-set cabinets, casework, furniture, equipment, movable partitions, etc.
- C. Scheduling:
  - 1. Material shall not be delivered or installed until all concrete, masonry and painting work are completed and all mechanical work, lighting and other overhead equipment are installed.

#### 1.04 ACTION SUBMITTALS

- A. Submittals for Review: Submit the following in accordance with Section 01 33 00:
- B. Product Data: Submit manufacturer's catalog data for all products proposed for installation.
- C. Shop Drawings: Indicate flooring layout and joint locations.
- D. Samples:
  - 1. Submittal for Verification: 3 full size samples for each specified tile color and type.
- 1.05 INFORMATIONAL SUBMITTALS
  - A. Procedures: Submit for information and verification in accordance with Section 01 33 00.
  - B. Manufacturer's Instructions:
    - 1. Manufacturer's Installation Instructions:
      - a. Maintain one copy on site until completion of installation.

#### 1.06 CLOSEOUT SUBMITTALS

- A. Submit the following in accordance with Section 01 78 36.
  - 1. Warranty.

#### 1.07 MAINTENANCE MATERIALS SUBMITTALS

- A. Extra Materials: Upon completion of the Project, deliver the following materials to the Owner for future maintenance and repair:
  - 1. Vinyl floor tile in the amount of 1 percent of each size and color installed.
  - 2. One gallon of each type of adhesive used.

#### 1.08 DELIVERY, STORAGE, AND HANDLING

- A. General Requirements: Comply with Section 01 60 00.
- B. Delivery and Acceptance Requirements:
  - 1. Deliver materials to the jobsite in the manufacturer's original unopened boxes that bear the name and brand of the manufacturer and Project identification.
- C. Storage and Handling Requirements:
  - 1. Storage:
    - a. Store materials in an enclosed space, off the ground, and protected from the weather.
    - b. Protect adhesives from freezing.
    - c. Store flooring, adhesives and accessories in the spaces where they will be installed to acclimate for at least 48 hours before beginning installation.

#### 1.09 AMBIENT CONDITIONS

A. Maintain a minimum temperature in the spaces to receive the flooring and accessories of 65 degrees F (18 degrees C) and a maximum temperature of 85 degrees F (29 degrees C) for at least 48 hours before, during, and for not less than 48 hours after installation

#### 1.10 WARRANTY

A. Provide five year warranty from each flooring system manufacturer, agreeing to repair or replace the resilient flooring systems used on the Project (including finish materials and adhesives) is system fails to perform (i.e. loss of adhesion, cupping, cracking, separation of joints, displacement, etc.) Due to failure of materials, including without limitation, failure of adhesives. Specifically, the adhesives shall be warranted against failure when used on a substrate exhibiting a maximum moisture content up to and including 6.0 lbs. per 1,000 square feet in a 24 hour period for vinyl tile when tested at any time during the warranty period, using RMA Qualitative/Quantitative test method.

#### PART 2 PRODUCTS

- 2.01 MANUFACTURERS AND PRODUCTS
  - A. Basis of Design Manufacturer and Products: See Finish Legend on Drawings. 1. Colors: As scheduled.
    - 1. Mannington Resilient Floors; <u>www.mannington.com</u>.
    - a. Mannington Commercial Nature's Paths Vinyl Flooring.
    - 2. Fritztile; www.fritztile.com, member of the Stonhard Group.
  - B. Substitution Requests: In accordance with Section 01 25 00.

#### 2.02 DESCRIPTION"LUXURY" VINYL TILE (LVT)

- A. Vinyl Tile: ASTM F1700, Class III, Type B.
- 1. Composition: Limestone enriched "luxury" tile. A. Tile (VCT) Material: ASTM F1066. Homogenous tile.
  - A. The (VOT) Material. ASTINT TOOS. Homogenous life.
  - B. Nominal Sizes: 12-inches by 12-inches by 1/8-inch
  - C. Color: As selected by Architect from manufacturer's full range of currently available colors. See Finish Legend on Drawings.
  - D. Fire Resistance:
    - 1. Flame Spread: Do not exceed flame spread classifications in CBC Table 803.9.

#### 2.03 RESILIENT TERRAZZO TILE

- A. Obtain all materials including terrazzo tile and recommended adhesives from a single manufacturer.
- B. Terrazzo Tile Material: Marble, glass and/or granite chips embedded in flexible thermoset polyester resin matrix, with random distribution of chips and smooth factory applied urethane coating cured by ultra violet exposure process.
- C. Color/Pattern/Thickness: Match existing.
- D. Sealer and Finish: Two coats of Fritz FCP102 protective sealer and two coats of Fritz Duro-Gloss Finish FCP300, applied as recommended by manufacturer.
- E. Fire Resistance:
  - 1. Flame Spread: Do not exceed flame spread classifications in CBC Table 803.9.

#### 2.04 ACCESSORIES

- A. Adhesive: As recommended by the manufacturer of the material being installed. Adhesive shall be a type not affected by heat.
  - 1. Low-Emitting Material Requirements: Use adhesives that comply with the limits for VOC content of SCAQMD Rule #1168:
- B. Patching and Leveling Compounds: For patching, smoothing, and leveling monolithic subfloors, provide cementitious based compound that cures to a minimum compressive strength of 3,500 psi.
  - 1. Leveling Compound for Use with Fritztile: Ardex leveling compound products.
  - 2. Patching Compound for Use with Fritztile: Ardex patching compound products. a. <u>www.ardex.com</u>.
- C. Transition Strips: Provide transition/reducing strips tapered to meet abutting materials.
- D Resilient Edge Strips for LVT: Provide resilient edge strips of width shown on the Drawings, of equal gauge to the flooring, homogeneous vinyl composition, tapered or bullnose edge, with color to match or contrast with the flooring, or as selected by the Architect from standard colors available.
- E. Sealant: Silicone, in accordance with Section 07 92 00, and of type approved by tile manufacturer.

#### PART 3 EXECUTION

#### 3.01 EXAMINATION

- A. Verification of Conditions: Examine substrate for excessive moisture content and unevenness which would prevent execution and quality of resilient flooring as specified. Report unsatisfactory conditions to the General Contractor with copy to Architect.
  - 1. Examine subfloors prior to installation to determine that surfaces are smooth and free from cracks, holes, ridges, and other defects that might prevent adhesive bond or impair durability or appearance of the flooring material.
  - 2. Test moisture content of concrete before installation. Coordinate with vapor emission testing requirements of Section 09 05 61. If moisture is above level acceptable to flooring or adhesive manufacturer, seal concrete surface as recommended by flooring manufacturer.
  - 3. Verify concrete subfloor to be clean, level, sound and fully cured.
- B. Notification: Report conditions contrary to contract requirements that would prevent a proper installation.
- C. Acceptance: Do not proceed with the installation until unsatisfactory conditions have been corrected. Failure to call attention to defects or imperfections will be construed as acceptance and approval of the subfloor. Installation indicates acceptance of substrates with regard to conditions existing at the time of installation.

#### 3.02 PREPARATION

- A. Adjacent Surfaces Protection: Protect adjacent work areas and finish surfaces from damage during product installation.
- B. Subfloor Preparation:
  - 1. General: Prepare floor substrate in accordance with manufacturer's instructions.

- 2. Floor Substrate: Prepare floor substrate to be smooth, rigid, flat, level, permanently dry, clean and free of foreign materials such as dust, paint, grease, oils, solvent, curing and hardening compounds, sealers, asphalt and old adhesive residue.
  - a. Remove ridges and bumps.
  - b. Fill small cracks, holes and depressions in subfloors using leveling and patching compounds recommended by tile manufacturer.
  - c. Remove existing floor covering and condition subfloor to provide smooth, clean continuous surface; level subfloor with self-leveling compound in compliance with tile manufacturer's specifications and installation instructions.
- 3. Concrete Subfloor:
  - a. Reference Standard: Comply with ASTM F710.
  - b. Cleaning, Patching and Priming: Thoroughly clean concrete floors before applying floor coverings. Remove rough spots and any foreign matter that might be evident through the floor covering. Patch minor rough areas, voids and defects with compatible leveling compound.
  - c. Leveling: Apply subfloor filler to low spots and cracks to achieve floor level to a tolerance of 1:1000, allow to cure.
  - d. Remove dust, old adhesive, paint, dirt, wax, sealer and foreign matter from existing surfaces.
    - 1) Remove deleterious coatings from subfloor surfaces that would prevent a positive adhesive bond; such as curing compounds incompatible with adhesives, paints, oils, adhesives, waxes and sealers.
    - 2) Completely remove existing solvent-based adhesives to prevent bleed through and staining.
- C. Subfloor Testing:
  - 1. Concrete Moisture Test: Coordinate with Section 09 05 61. Perform moisture tests on concrete floors regardless of the age or grade level. Verify concrete substrate is dry in accordance with the RFCI Industry Standards Slab Moisture Test Method (Calcium Chloride Method), in strict accordance with instructions.
    - a. Perform moisture condition test in each major area. A minimum of 1 test per 93 m<sup>2</sup> (1000 sq.ft), prior to installation. Moisture emissions from concrete subfloors must not exceed 3 lbs per 1000sf per 24 hours (1.4 kg H<sub>2</sub>O/24 hr/93 m<sup>2</sup>) according to the Calcium Chloride Test Method (ASTM F1869) unless a higher value is accepted by flooring manufacturer in writing.
    - b. Conduct moisture tests around room perimeter, at columns and where moisture may be evident.
  - 2. Concrete pH Test: Perform alkali tests to ensure pH levels of concrete subfloor surface do not exceed pH level acceptable to manufacturer. Concrete must be neutralized if above acceptable level.
  - 3. Do not proceed with work until results of moisture condition and/or pH tests are acceptable.
- D. Cleaning: Vacuum or broom-clean surfaces to be covered immediately before the application of flooring. Make subfloor free from dust, dirt, grease, and all foreign materials.

#### 3.03 APPLICATION OF ADHESIVES

- A. General: Mix and apply adhesives in accordance with manufacturer's instruction. Provide safety precautions during mixing and applications as recommended by adhesive manufacturer. Observe the recommended adhesive trowel notching, open times, and working times. Cover only that amount of area which can be covered by flooring material within the recommended working time of the adhesive.
- B. Application: Apply adhesive uniformly over surfaces with notched trowel or other suitable tool. Clean trowel and rework notches as necessary to insure proper application of adhesive.

C. Cleaning: Remove any adhesive which dries or films over. Do not soil walls. bases, or adjacent areas with adhesives. Promptly remove spillage.

#### 3.04 INSTALLATION

- A. General: Install flooring with adhesives, tools, and procedures in strict accordance with the manufacturer's written instructions. Make joints straight, tight, and flush. Tightly cement to floor.
- B. Layout: Work out patterns for each floor area and cuts against walls so cuts on opposite sides of the area are of same width. In order to eliminate small cuts against walls, layout each area to determine whether pattern should start with a joint or center of a tile on the center line of the area each direction. Where tile with a directional pattern is used, confer with Architect for direction of pattern. Refer to start point on plan for layout in corridors.
- C. Extend flooring into toe spaces, door recesses, closets, and similar openings as shown on the Drawings.
- D. Scribe, cut, and fit to permanent fixtures, columns, walls, partitions, pipes, outlets, and built-in furniture and cabinets.
- E. Adhere tile flooring to substrate using full spread of adhesive.
- F. Roll and cross roll floor with 150-pound sectional roller continuously while tile is being laid. Use hand roller in areas that cannot be reached with large roller. Cease rolling when rolling has no more effect.
- G. Do not subject floors to traffic until adhesive is dry and hard and sealers and finishes are applied.
- H. Remove and replace tiles that are not flat, including lipped, cupped, curved, or poorly adhered tile. Remove rejected tile from site.

#### 3.05 CLEANING

- A. Upon completion, remove loose, cracked, chipped, stained or otherwise defective tile, or base and replace in a satisfactory manner.
- B Clean surfaces using only cleaners approved by the manufacturer.
- C. Remove mastic cement from adjoining work with particular care to not damage such work.
- D. Buffing: Dry mop and buff flooring.
- E. Final Cleaning: Mop with warm water and mild detergent as recommended by manufacturer of flooring, then thoroughly machine buff.

#### 3.06 PROTECTION

A. Protect finished work from damage by subsequent construction operations. Where possible, lock rooms following installation and cleaning.

END OF SECTION

#### SECTION 09 91 23

#### **INTERIOR PAINTING**

#### PART 1 GENERAL

#### 1.01 SUMMARY

- A. Section Includes:
  - 1. Paint all new or patched interior surfaces.
    - a. Paint walls in their entirety where so noted on Drawings.
  - Touch up painting of existing surfaces abraded or otherwise damaged by construction operations.
  - 3. Includes:
    - a. Surface preparation, priming and field application of finish coat(s) to all exterior surfaces not specifically excluded.
    - b. Surface preparation, priming and field application of finish coat(s) to all interior surfaces not specifically excluded.
    - c. Painting includes field painting of exposed bare and covered pipes and ducts (including color coding), hangers, exposed steel and iron supports, and surfaces of mechanical and electrical equipment that do not have a factory-applied final finish.
- B. Exclusions: In addition to material obviously not requiring paint such as glass, floor, tile, etc. do not paint or finish:
  - 1. Surfaces indicated by the Finish Schedule to remain unfinished.
  - 2. Factory finished surfaces unless otherwise specified.
  - 3. Concealed surfaces.
  - 4. Operating parts.
  - 5. Labels.
  - 6. Existing surfaces not included in the Work.
- C. Related Requirements:
  - 1. Primer for Metal Fabrications: Section 05 50 00 Metal Fabrications.
  - 2. Piping Identification: Section 22 05 53 Identification For Plumbing Piping And Equipment.

#### 1.02 REFERENCES

- A. Definitions:
  - 1. Terminology: ASTM D16-12 Standard Terminology for Paint, Related Coatings, Materials, and Applications.
  - 2. Coat: An application of paint or coating that is allowed to dry prior to subsequent application.
  - 3. Sheen Terms:
    - a. Flat: Lusterless or matte finish with a gloss range below 15 when measured at an a85degree meter.
    - b. Eggshell: Low-sheen finish with a gloss range between 20 and 35 when measured at a 60-degree meter.
    - c. Semigloss: Medium-sheen finish with a gloss range between 35 and 70 when measured at a 60-degree meter.
    - d. Full Gloss: High-sheen finish with a gloss range more than 70 when measured at a 60degree meter.

#### 1.03 ACTION SUBMITTALS

A. Procedures: Submit for review, acceptance and return in accordance with Section 01 33 00.

- B. Material List: Immediately after award of the contract submit a letter listing the manufacturer and product name of each different paint and coating material for use on the Project. Do not order materials before Material List has been accepted by the Architect.
- C. Paint Samples: If requested by Architect, prepare and submit paint samples. Remake samples until accepted.

#### 1.04 MAINTENANCE MATERIALS SUBMITTALS

- A. Extra Paint: At the completion of painting, deliver to the Owner one full gallon of each paint color and type used along with the color number or formula for each type.
  - 1. Epoxy and high performance coatings are not included.

#### 1.05 QUALITY ASSURANCE

- A. Qualifications:
  - 1. Applicator Qualifications: Applicator shall have minimum 5 years' experience and shall have successfully completed commercial work of similar scale to this Project.

#### 1.06 DELIVERY, STORAGE, AND HANDLING

- A. General Requirements: Comply with Section 01 60 00.
- B. Delivery and Acceptance Requirements: Deliver materials required for painting in unbroken packages bearing the brand and name of manufacturer. Order materials sufficiently in advance to be on the job when needed and deliver at the building in sufficient quantities so the work will not be delayed. No claim by the Contractor concerning unsuitability of any material specified or his inability to produce first-class work with the same, will be entertained unless such claim is made, in writing, with the material list submittal.
- C. Storage and Mixing: Painter will be assigned a room or space in which to mix or store material. Provide galvanized mixing pans for this paint room or space in which paints shall be mixed. No mixing of paint shall be done except in these pans. Empty containers bearing the name or brand of any manufacturer shall not be brought upon the premises for mixing of paint unless labels are canceled and containers are closely marked as to contents.
  - 1. Inspection: The paint storage area shall be open for periodic inspection by the Architect to ensure only approved materials are being used.

#### 1.07 AMBIENT CONDITIONS

- A. Apply coating under following conditions only.
  - 1. Temperature of Air: Between 50 and 100 degrees F.
  - 2. Temperature of Substrate: Between 50 and 100 degrees F and above dew point.
  - 3. Lighting: Maintain 80 foot candles minimum on surfaces to be finished.

#### PART 2 PRODUCTS

- 2.01 MANUFACTURERS
  - A. Basis of Design Paint Manufacturer: See Finish Legend on Drawings.

- B. Other Acceptable Manufacturers: The best quality materials as manufactured by any of the following manufacturers will be acceptable: (Paint Only):
  - 1. For Brush, Roller or Spray Work:
    - a. Benjamin Moore & Co.; <u>www.benjaminmoore.com</u>. .
    - b. Dunn-Edwards Corporation; <u>www.dunnedwards.com</u>.
    - c. Frazee Paint brand of the Sherwin-Williams Company; <u>www.sherwin-williams.com</u>.
    - d. Glidden Professional Brand of PPG Architectural Coatings; www.gliddenprofessional.com.
    - e. Kelly-Moore Paint Company; <u>www.kellymoore.com</u>.
    - f. PPG Pittsburgh Paints; <u>www.ppgpittsburghpaints.com</u>.
    - g. Pratt & Lambert, Inc.; <u>www.prattandlambert.com</u>.
    - h. Sherwin-Williams Company; <u>www.sherwin-williams.com</u>.
- B. Substitution Requests: Required for all manufacturers and products not named as Basis of Design or as Acceptable Manufacturer.
  - 1. Requests for substitutions must be on company letterhead and signed by an authorized representative of the manufacturer. Letters from sales representatives or retailers will not be acceptable.
  - 2. Submissions: Submit in accordance with Section 01 25 00.

#### 2.02 REGULATORY REQUIREMENTS

- A. Regulatory Requirements: Product shall be certified to meet the following.
  - 1. Volatile Organic Content (VOC): Paint and coating materials shall not exceed VOC content limitations of all applicable regulations, when thinned to manufacturer's maximum recommendation.

#### 2.03 MATERIALS

- A. Quality: All products not specified by name shall be "best grade" or "first line" products or acceptable manufacturers. See Part 3 Execution for materials required for this Project. Where possible, materials shall be of a single manufacturer.
- B. Volatile Organic Content (VOC): In addition to meeting all applicable regulations, paint and coating materials shall be certified to not exceed following VOC content limitations when thinned to manufacturer's maximum recommendation.
  - 1. Architectural Paints, Coatings, and Primers Applied to Interior Walls and Ceilings:
    - a. Flat: VOC content less than 50 grams/liter.
    - b. Non-Flats: VOC content less than 150 grams/liter.
    - c. Eggshell Interior Finish Coat: VOC content less than 150 grams/liter.
  - 2. Anti-Corrosive and Anti Rust Paints Applied to Interior Ferrous Metal Substrates: VOC content less than 250 grams/liter.
  - 3. Epoxy: Waterborne epoxy; maximum VOC content 200 grams/liter.
  - 4. Clear Wood Finishes, Floor Coatings, Stains, Sealers, and Shellacs Applied to Interior Elements:
    - a. Clear Wood Finishes: Varnish VOC content less than 350 grams/liter; lacquer VOC content less than 550 grams/liter.
    - b. Floor Coatings: VOC content less than 100 grams/liter.
    - c. Sealers: Waterproofing sealers VOC content less than 250 grams/liter; sanding sealers VOC content less than 275 grams/liter; all other sealers VOC content less than 200 grams/liter.
    - d. Stains: VOC content less than 250 grams/liter.
  - 5. Paint Strippers Low-Emitting: Shall not contain methylene chloride. Avoid products containing methanol and trichloroethane.

C. Colors: See Finish Legend on Drawings. If materials of other manufacturers are used, colors must match those selected.

#### PART 3 EXECUTION

#### 3.01 EXAMINATION

- A. Verification of Conditions: Examine surfaces scheduled to receive paint and finishes for conditions that will adversely affect execution, permanence or quality of work and which cannot be put into an acceptable condition through preparatory work as included under Preparation.
- B. Report unsatisfactory conditions to the General Contractor in writing with copy to the Architect.
- C. Acceptance: Beginning of application means acceptance of existing surfaces.

#### 3.02 PREPARATION

- A. General:
  - 1. Spaces: Clean before finishing is started. Do not finish rooms or spaces where rubbish has accumulated or while rubbish is being removed. Finishing not allowed in dusty rooms.
  - Sand finishes on wood and metal surfaces between coats to ensure smoothness and adhesion of subsequent coats. Use extra fine sandpaper to avoid cutting the edges when sanding. Apply putty or spackling compound after surfaces are primed and primer is dry. Bring material flush with adjoining surfaces.
  - 3. Existing Surfaces: If the surfaces are not in proper shape for painting or finishing, repair, rebuild or refinish before proceeding with the work. Be responsible for any poor work caused by improper surfaces. Surfaces shall be dry, clean and smooth before starting work. Fill cracks, holes or checks full and make smooth before finish is applied to surfaces. Fill any cracks, etc., which occur after walls are sized.
- B. Metals:
  - 1. Ferrous Metal: Remove foreign material, rust and mill scale from unprimed metal.
    - a. Wire brush or sand damaged or rusted areas to bright metal.
    - b. Remove grease and other foreign materials with mineral spirits.
    - c. Dust clean.
  - 2. Shop Primed Metals: Touch-up shop primed metals with a primer similar to the existing. Sand shop primer on hollow metal work immediately before painting to remove grease and dirt film from surfaces.
  - 3. Zinc Coated Metal (Galvanized Surfaces): Solvent clean with mineral spirits or other acceptable solvent in accordance with SSPC-SP1 to remove all residue oil, grease or other contamination. Prime as specified.
  - 4. Non-ferrous Metals: Clean with lacquer thinner.
- C. Gypsum Board: Verify surfaces are clean and dry, with all nail heads set and embedded in joint compound, and with joints sanded smooth. Remove all dust prior to painting.
- D. Protection:
  - 1. Furnish and lay drop cloths or mask off areas where finishing is being done to protect floors and other work from damage during the execution of work.
  - 2. Remove items which are not to be coated from surfaces which are to be coated. Reinstall items after completion of coating application. Include mechanical grilles and factory finished items.
  - 3. Where it becomes necessary to remove temporary coverings placed by others, replace same in proper manner.

- 4. Remove empty cans, oily rags and waste from the building every night. Do not allow to accumulate.
- 5. Damage to Work of Others: Be responsible for any damage done to the work of other trades, repairing same to the satisfaction of the Architect. Replace any materials damaged to such an extent that they cannot be restored to their original condition.

#### 3.03 APPLICATION

- A. Painting and Staining, General: Apply primer and two finish coats unless otherwise noted.
  - 1. The application of the first coat does not relieve the applicator of responsibility for the base.
  - 2. Do not apply any coats on either damp or wet surfaces and in no case until the preceding coat is dry and hard.
- B. Primer: Apply as many coats as necessary to produce a uniform substrate appearance. Do not exceed manufacturer's recommended coverage rate.
  - 1. Tint primers to match finish coat.
  - 2. Allow to dry prior to application of subsequent coats.
  - 3. Sand primer with 100 grit or finer sandpaper. Remove dust.
- C. Application of Finish Coats: Spread materials evenly without runs or sagging of materials and thoroughly brush out.
  - 1. Second and third coats shall not be applied until preceding coat is dry.
  - 2. Sand work between coats.
  - 3. Colors: Each finish coat shall be color as selected by Architect.
- D. Roller Application: Where paint or enamel is rolled on, use fine nap roller so nearly flat or orange peel texture is obtained.
- E. Spray Application:
  - 1. Metals: Apply paint to all metals by spray application method.
  - 2. Acoustical Tiles and Panels: Apply paint to acoustical tiles and panels by spray application.
    - a. Existing Surfaces: Do not apply any coats on either damp or wet surfaces and in no case until the preceding coat is dry and hard.
    - b. Apply paint with a stream directed perpendicularly to the surface of the material. Apply to produce uniform coating that does not close the perforations or fissures in the material.
    - c. Apply in single coat unless second coat is required to hide stains. Each coat of paint shall be applied so dry film shall be of uniform thickness and free from runs, drops, ridges, waves, pinholes or other voids, laps, brush marks, and variations in color, texture, and finish. Hiding shall be complete.

#### 3.04 MISCELLANEOUS REQUIREMENTS

- A. Mechanical Piping and Ductwork: Wherever insulated pipe or ductwork occurs in rooms where walls are finished, cover canvas jacket with one coat sealer and two coats flat wall paint. Wherever uninsulated piping or ductwork occurs in rooms where walls are finished or elsewhere as called for, finish pipes as called for under ferrous zinc coated, or factory primed metals. See Division 22 for identification markings.
- B. Electrical Wiremold: Paint to match wall on which installed.

#### 3.05 CLEANING

A. Do not remove rubbish while finish is fresh. Surfaces: Dry and clean.

- B. Clean-up Materials: Non-abrasive mild detergent, cellulose sponge and potable water.
- C. Clean up overspray and spills.
- D. Remove masking.
- E. Allow at least 7 days after application before washing.
- F. Final Cleaning: At the completion of work, remove all surplus materials, staging, rubbish; clean off all paint, varnish, stains from floors, glass, walls, hardware; and leave the premises in clean condition.

#### 3.06 PROTECTION

- A. Protect coating from damage.
- B. Touch up and repair coatings damaged by Work.

#### 3.07 COATING SYSTEM - INTERIOR

- A. General:
  - 1. Paint and coating systems shall meet following scheduled requirements as a minimum.
  - 2. Delete primer when re-coating existing surfaces.
- B. Ferrous, Zinc Coated or Factory-Primed Metals Painted:

First Coat	Factory Primer Coat or Suitable Primer
Second Coat	Enamel Undercoat
Third Coat	Semi-Gloss Enamel

C. Hollow Metal Frames - Painted:

First Coat	Factory-Prime Coat (Sanded)
Second Coat	Enamel Undercoat
Third Coat	Semi-Gloss Enamel

D. Gypsum Board Walls - Painted:

First Coat	Suitable Primer
Second Coat	Latex Enamel, Eggshell
Third Coat	Latex Enamel, Eggshell

E. Gypsum Board Ceilings and Soffits - Painted:

First Coat	Suitable Primer
Second Coat	Latex Enamel, Flat
Third Coat	Latex Enamel, Flat

END OF SECTION

#### SECTION 10 14 10

#### INTERIOR SIGNAGE

#### PART 1 GENERAL

#### 1.01 SUMMARY

- Section Includes:
  - 1. Sanitary facilities signage.
- B. Related Requirements:
  - 1. Lighted Exit Signs: Division 26 Electrical.

#### 1.02 ACTION SUBMITTALS

- A. Procedures: Submit for review, action and return in accordance with Section 01 33 00.
- B. Product Data: Submit product data for specified products. Include material details for each sign specified.
- C. Shop Drawings: Submit shop drawings showing layout, profiles, and product components, including dimensions, mounting methods, and accessories.
- D. Samples: Submit supplier's standard color chart for selection purposes and selected colors for verification purposes.

#### 1.03 CLOSEOUT SUBMITTALS

- A. Procedures: Submit the following in accordance with Section 01 77 00.
- B. Submit operation and maintenance data for installed products, including precautions against harmful cleaning materials and methods.

#### 1.04 QUALITY ASSURANCE

- A. Qualifications:
  - 1. Installer Qualifications: Installation shall be performed by installer specialized and experienced in work similar to that required for this Project.

#### 1.05 DELIVERY, STORAGE, AND HANDLING

- A. General Requirements: Comply with Section 01 60 00.
- B. Delivery and Acceptance Requirements: Deliver products in manufacturer's original, unopened, undamaged containers with identification labels intact.
- C. Storage and Handling Requirements;
  - 1. Storage: Store products protected from weather, temperature, and other harmful conditions as recommended by supplier.
  - 2. Handling: Handle products in accordance with manufacturer's instructions.

#### PART 2 PRODUCTS

- 2.01 REGULATORY REQUIREMENTS
  - A. Comply with requirements of all regulatory agencies having jurisdiction. See Section 01 41 00 and notes on Drawings.
  - B. Provisions for Users with Disabilities: All room numbers, restroom identification, and other permanent identifying devices shall have tactile type and symbols integral with signage complying with the requirements of the CBC Title 24 incorporating California Contracted Grade 2 Braille.
- 2.02 SANITARY FACILITIES SIGNAGE
  - A. Sign Types, Tactile Graphics, Symbols, Colors, Sizes and Shapes: As indicated on Drawings and in accordance with the CBC.
  - B. Sign Materials and Colors: Match existing signs of same type within the facility.
  - C. Installation Methods:
    - 1. To Painted Gypsum Board, Doors, Concrete, or Concrete Block: 3M VHB double-sided vinyl tape.
    - 2. To Vinyl Wallcovering: 3M VHB double-sided vinyl tape and liquid silicone adhesive recommended by the sign manufacturer to attach sign units to irregular, porous, or vinyl covered surfaces.
    - 3. Concealed Mechanical Fasteners: Provide concealed mechanical fasteners recommended by the sign manufacturer to attach heavier sign units to the walls. Fasteners must not be corrosive to sign materials or mounting surface.

#### 2.03 FABRICATION

- A. General: Comply with requirements indicated for materials, thicknesses, finishes, colors, designs, shapes, sizes, and details of construction.
- B. Preassemble signs in the shop to the greatest extent possible to minimize field assembly. Disassemble signs only as necessary for shipping and handling limitations. Clearly mark units for reassembly and installation, in a location not exposed to view after final assembly.
- C. Conceal fasteners if possible; otherwise, locate fasteners to appear inconspicuous.
- D. Form panels to required size and shape. Comply with requirements indicated for design, dimensions, finish, color, and details of construction.
- E. Coordinate dimensions and attachment methods to produce message panels with closely fitting joints. Align edges and surfaces with one another in the relationship indicated.

#### PART 3 EXECUTION

- 3.01 EXAMINATION
  - A. Site Verification of Conditions: Verify installation conditions previously established under other sections are acceptable for product installation in accordance with manufacturer's instructions.
  - B. Proceeding with installation implies installer's acceptance of substrate and conditions.

#### 3.02 INSTALLATION

- A. General: Install in strict accordance with the manufacturer's instructions and with CBC standards, using only the mounting materials and methods recommended by the manufacturer for the surface upon which the items are to be mounted.
- B. Mount at locations indicated or as directed by the Architect and where required by applicable codes.
- C. Install signs firmly in position, level and plumb, with sign surfaces free from distortion, warp, or defect adversely affecting appearance.
  - 1. Foam Tape Mounting: Use double sided foam tape, of thickness indicated to mount signs to smooth, nonporous surfaces. Do not use this method alone for vinyl covered or rough surfaces.
  - 2. Silicone Adhesive Mounting: Use liquid silicone adhesive to attach sign units to irregular, porous, or vinyl covered surfaces. Use double sided foam tape to hold the sign in place until the adhesive has fully cured.
  - 3. Concealed Mechanical Fasteners: Use hidden fasteners to attach heavier sign units to the walls.
- D. Mount permanent signage on walls at heights indicated on Drawings and in accordance with applicable local amendments and regulations.
- E. Install signs within the following tolerances and in accordance with manufacturer's recommendations:
  - 1. Interior Signs: Within 1/4 inch vertically and horizontally of intended location.

#### 3.03 ADJUSTING

A. Repair scratches and other damage which might have occurred during installation. Replace components where repairs were made but are still visible to the unaided eye from a distance of 5 feet.

#### 3.04 CLEANING

A. Remove temporary coverings and protection to adjacent work areas. Clean installed products in accordance with manufacturer's instructions prior to Owner's acceptance. Remove construction debris from Project in accordance with provisions in Division 01.

#### END OF SECTION

# TCMC PHARMACY RETAIL ROOM

## STRUCTURAL:

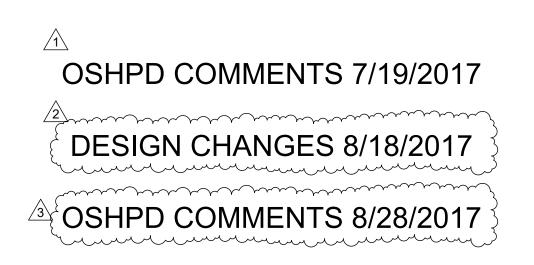
## SUN STRUCTURAL ENGINEERING

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

# TRI-CITY MEDICAL CENTER

## 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

**100% CONSTRUCTION DOCUMENTS** 06/26/2017



## ARCHITECTURE:



5151 Shoreham Place Suite 100 San Diego, CA 92122

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

OSHPD PROJECT NUMBER:

<u>S171386-37-00</u>

MEP:

P2S

P: 619-618-2347

9665 Chesapeake, suite 230 San Diego, CA 92123

## ABBREVIATIONS:

ACT	ACOUSTICAL CEILING TILE	но
ALUM	ALUMINUM	ID
ALT	ALTERNATE	INS
AP	ACCESS PANEL	INT
ARCH	ARCHITECT	JAN
BD	BOARD	LAN
BLDG	BUILDING	LLH
BLK'G	BLOCKING	LLV
BM	BEAM	LGT
BOT	BOTTOM	MAX
CAB	CABINET	ME
CAR	CARPET	MIN
CEM	CEMENT	MIS
СТ	CERAMIC TILE	NIC
CLG	CEILING	NO/
CLR	CLEAR	NTS
CTR	COUNTER	NR
COL	COLUMN	OC
CONSTR	CONSTRUCTION	ÔD
CONT	CONTINUOUS	OPI
CORR	CORRIDOR	OPF
DBL	DOUBLE	PL
DEPT	DEPARTMENT	PL I
DF	DRINKING FOUNTAIN	PLV
DIA	DIAMETER	POL
DIM	DIMENSION	PR
DISP	DISPENSER	ΡT
DN	DOWN	PTD
DR	DRAIN	QT
DET	DETAIL	R
DWG	DRAWING	RD
DWR	DRAWER	REF
EA	EACH	REI
EJ	EXPANSION JOINT	RM
ELECT	ELECTRICAL	RO
ENCL	ENCLOSURE	RU
EQ	EQUAL	SC
EW	EACH WAY	SCH
EWC	ELECT WATER COOLER	SHF
EXG	EXISTING	SHT
ETR	EXISTING TO REMAIN	SIM
EXT	EXTERIOR	SMS
FD	FLOOR DRAIN	SPE
FEC	FIRE EXTINGUISHER CAB.	SQ
FHC	FIRE HOSE CABINET	ST \$
FIN	FINISH	STE
FIXT	FIXTURE	STC
FLR	FLOOR	STL
FT	FEET	STF
FURR	FURRING	SUS
FV	FIELD VERIFY	TEL
GA	GAUGE	TEN
GALV	GALVANIZED	THM
GB	GRAB BAR	TYF
GL	GLASS	UOI
GYP	GYPSUM	VC
HDR	HEADER	VEF
HDWD	HARDWOOD	VES
HDWR	HARDWARE	W/
HGT	HEIGHT	WD
		\N//C

HORIZ	HORIZONTAL
ID	INSIDE DIAMETER
INSUL	INSULATION
INT	INTERIOR
JAN	JANITOR
LAM	LAMINATE
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
	LIGHT WEIGHT
MAX	MAXIMUM
MECH	MECHANICAL
MIN	MINIMUM
MISC	MISCELLANEOUS
NIC	NOT IN CONTRACT
NO/#	NUMBER
NTS	NOT TO SCALE
NR	NOT RATED
OC	ON CENTER
OD	OUTSIDE DIAMETER
OPNG	OPENING
OPP	OPPOSITE
-	
PL	PLATE/PROPERTY LINE
PL LAM	PLASTIC LAMINATE
PLWD	PLYWOOD
POL	POLISHED
PR	-
	PAIR
PT	PRESSURE TREATED
PTD	PAINTED
QTY	QUANTITY
R	RADIUS
	-
RD	ROOF DRAIN
REF	REFERENCE
REINF	REINFORCING
RM	ROOM
RO	ROUGH OPENING
-	
RUB	RUBBER
SC	SOLID CORE
SCHED	SCHEDULE
SHR	SHOWER
SHT	SHEET
SIM	SIMILAR
SMS	SHEET METAL SCREW
SPEC	SPECIFICATIONS
SQ	SQUARE
ST STL	STAINLESS STEEL
STD	STANDARD
STOR	STORAGE
STL	STEEL
STRUCT	STRUCTURE
SUSP	SUSPENDED
TELE	TELEPHONE
TEMP	TEMPORARY
THK	THICK
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
VCT	VINYL COMPOSITE TILE
VERT	VERTICAL
VEST	VESTIBULE
W/	WITH
WD	WOOD
W/O	WITHOUT
WGT	WEIGHT

## INTERIM LIFE SAFETY MEASURES

- ALL EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. PANIC HARDWARE AT EXITS SHALL BE PROVIDED AS REQUIRED BY THE CODE.
- PRIOR TO THE START OF WORK CONSULT WITH FIELD FIRE MARSHAL ON AN ACCEPTABLE EXITING ARRANGEMENT. A FIRE WATCH MAY BE REQUIRED AT THE DISCRETION OF THE FIRE MARSHAL.
- INTERIM LIFE SAFETY MEASURES ARE REQUIRED TO TEMPORARILY COMPENSATE FOR THE DEFICIENCIES IN NORMAL LIFE SAFETY REQUIREMENTS DUE TO THE ACTIVITIES AND SHALL MEET REQUIREMENTS OF OSHPD CAN 9-3301.
- ENSURE THAT THE EXITS PROVIDE FREE AND UNOBSTRUCTED EGRESS. PERSONNEL SHALL RECEIVE TRAINING IF ALTERNATE EXITS MUST BE DESIGNATED. AREAS UNDER CONSTRUCTION MUST MAINTAIN ESCAPE FACILITIES FOR CONSTRUCTION WORKERS AT ALL TIMES. MEANS OF EGRESS MUST BE INSPECTED DAILY.
- ENSURE THAT FIRE ALARM, DETECTION & SUPPRESSION SYSTEMS ARE NOT IMPAIRED.
- ENSURE THAT TEMPORARY CONSTRUCTION PARTITIONS ARE SMOKE TIGHT AND CONSTRUCTED OF NON-COMBUSTIBLE MATERIALS.
- PROVIDE ADDITIONAL FIRE FIGHTING EQUIPMENT AND TRAIN PERSONNEL IN ITS USE.

# SYMBOL LEGEND:

A101

#### A0-00 SHEET NUMBER TRUE NORTH NORTH NORT NORTH ARROW +100.00 ELEVATION +100.00 ELEVATION IN PLAN 1t EQUIPMENT NUMBER $\langle 1 i \rangle$ WALL TYPE (в) \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ DETAIL IN PLAN A101 \_\_\_\_\_ SIM DETAIL IN SECTION **∖**A101/

WINDOW/FRAME NUMBER

DRAWING KEYNOTE

#### TOILET ACCESSORY

BUILDING SECTION

WALL SECTION

## SEISMIC BRACING

- SEISMIC BRACING CBC 2016 CHAPTER 16A/ASCE 7-10 HVAC DUCTWORK, PLUMBING/ PIPING AND CONDUIT SYSTEMS:
- ALL PIPES, DUCTS AND CONDUIT SHALL BE BRACED TO RESIST THE FORCES PRESCRIBED IN 2016 CBC CHAPTER 16A/ASCE 7-10. DUCTWORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH PROVISIONS CONTAINED IN PART 4, TI CALIFORNIA MECHANICAL CODE, WHERE POSSIBLE, PIPES, CONDUIT, AND TH CONNECTIONS SHALL BE CONSTRUCTED OF DUCTILE MATERIALS (COPPER, DUCTILE IRON, STEEL OR ALUMINUM AND BRAZED, WELDED OR SCREWED CONNECTIONS). PIPES, CONDUITS AND THEIR CONNECTIONS, CONSTRUCTED NONDUCTILE MATERIALS (E.G., CAST IRON, NO-HUB PIPE AND PLASTIC), SHALL HAVE THE BRACE SPACING REDUCED TO SATISFY REQUIREMENTS OF ASCE 7 CHAPTER 13 AND NOT TO EXCEED ONE-HALF OF THE SPACING ALLOWED FOR DUCTILE MATERIALS.
- SEISMIC SUPPORTS ARE NOT REQUIRED FOR HVAC DUCTWORK WITH I = 1.5 IF EITHER OF THE FOLLOWING CONDITIONS IS MET FOR THE FULL LENGTH OF EA DUCT RUN:
- Α. TRAPEZE ASSEMBLIES ARE USED TO SUPPORT DUCTWORK AND THE TO WEIGHT FOR THE DUCTWORK SUPPORTED BY TRAPEZE ASSEMBLIES IS THAN 10 LB/FT OR
- THE DUCTWORK IS SUPPORTED BY HANGERS AND EACH HANGER IN TH Β. DUCT RUN IS 12" OR LESS IN LENGTH FORM THE DUCT SUPPORT POINT THE SUPPORTING STRUCTURE. WHERE ROD HANGERS ARE USED WITH DIAMETER GREATER THAN 3/8", THEY SHALL BE EQUIPPED WITH SWIVEL PREVENT INELASTIC BENDING IN THE ROD.
- WHERE PROVISIONS ARE MADE TO AVOID IMPACT WITH LARGER DUCTS MECHANICAL COMPONENTS OR TO PROTECT THE DUCTS IN THE EVENT SUCH, AND HVAC DUCTS HAVE A CROSS-SECTION AREA OF 6 FT SQ OR OR WEIGH 10 LB/FT OR LESS.

HVAC DUCT SYSTEMS FABRICATED AND INSTALLED IN ACCORDANCE WITH STANDARDS APPROVED BY THE AUTHORITY HAVING JURISDICTION SHALL BE DEEMED TO MEET THE LATERAL BRACING REQUIREMENTS OF THIS SECTIONS

COMPONENTS THAT ARE INSTALLED IN-LINE WITH THE DUCT SYSTEM AND HAV AN OPERATING WEIGHT GREATER THAN 75 LB. (334N), SUCH AS FANS, HEAT EXCHANGERS, AND HUMIDIFIERS, SHALL BE SUPPORTED AND LATERALLY BRACED INDEPENDENT OF THE DUCT SYSTEM AND SUCH BRACES SHALL MEE THE FORCE REQUIREMENTS OF SECTION CBC CH. 16A. APPURTENANCES SUC AS DAMPERS, LOUVERS, AND DIFFUSERS SHALL BE POSITIVELY ATTACHED W MECHANICAL FASTENERS. UNBRACED PIPING ATTACHED TO IN-LINE EQUIPME SHALL BE PROVIDED WITH ADEQUATE FLEXIBILITY TO ACCOMMODATE DIFFERENTIAL DISPLACEMENTS.

PIPING SYSTEMS SHALL SATISFY THE REQUIREMENTS OF THIS SECTION EXCE THAT ELEVATOR SYSTEM PIPING SHALL SATISFY THE REQUIREMENTS OF SECTION CBC 1616A.1.26.

EXCEPT FOR PIPING DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH NE 13, SEISMIC SUPPORTS SHALL NOT BE REQUIRED FOR OTHER PIPING SYSTEM WHERE ONE OF THE FOLLOWING CONDITIONS IS MET:

- PIPING IS SUPPORTED BY ROD HANGERS: HANGERS IN THE PIPE F ARE 12 IN. (305 MM) OR LESS IN LENGTH FROM THE TOP OF THE PI TO THE SUPPORTING STRUCTURE; HANGERS ARE DETAILED TO A BENDING OF THE HANGERS AND THEIR ATTACHMENTS; AND PROVISIONS ARE MADE FOR PIPING TO ACCOMMODATE EXPECTE DEFLECTIONS.
- HIGH-DEFORMABILITY PIPING IS USED; PROVISIONS ARE MADE TO AVOID IMPACT WITH LARGER PIPING OR MECHANICAL COMPONEN OR TO PROTECT THE PIPING IN THE EVENT OF SUCH IMPACT AND FOLLOWING SIZE REQUIREMENTS ARE SATISFIED:
- A. FOR SEISMIC DESIGN CATEGORIES D, E, OR F WHERE ID IS GREATER THAN 1.0, THE NOMINAL PIPE SIZE SHALL BE 1 IN. OR LESS.
- FOR SEISMIC DESIGN CATEGORIES D.E. OR F WHERE ID IS E TO 1.0, THE NOMINAL PIPE SIZE SHALL BE 3 IN. (76 MM) OR LI
- WHERE LATERAL RESTRAINTS ARE OMITTED, THE PIPING, DUCTS OR CONDUIT SHALL BE INSTALLED SUCH THAT LATERAL MOTION OF THE PIPING OR DUCT W NOT CAUSE DAMAGING IMPACT WITH OTHER SYSTEMS OR STRUCTURAL MEMBERS, OR LOSS OF VERTICAL SUPPORT.
- ALL TRAPEZE ASSEMBLIES SUPPORTING PIPES, DUCTS AND CONDUIT SHALL E BRACED TO RESIST THE FORCES OF CHAPTER 16A/ASCE 7, CONSIDERING THE TOTAL WEIGHT OF THE ELEMENTS ON THE TRAPEZE.
- PIPES, DUCTS AND CONDUIT SUPPORTED BY A TRAPEZE WHERE NONE OF THE ELEMENTS WOULD INDIVIDUALLY BE BRACED NEED NOT BE BRACED IF CONNECTIONS TO THE PIPE/CONDUIT/DUCTWORK OR DIRECTIONAL CHANGES NOT RESTRICT THE MOVEMENT OF THE TRAPEZE. IF THIS FLEXIBILITY IS NOT PROVIDED, BRACING WILL BE REQUIRED WHEN THE AGGREGATE WEIGHT OF PIPES AND CONDUIT EXCEEDS 10 POUNDS/ FEET (146 N/m). THE WEIGHT SHAI DETERMINED ASSUMING ALL PIPES AND CONDUIT ARE FILLED WITH WATER.
- EQUIPMENT SUPPORTS AND ATTACHMENTS:

SUPPORTS AND ATTACHMENT OF ALL EQUIPMENT TO BE INSTALLED AS PART THIS PROJECT SHALL BE DETAILED ON CONSTRUCTION DOCUMENTS, EXCEPT THOSE EXEMPT BY THE 2016 CBC SECTION 1616A.1.18

EQUIPMENT SUPPORTS AND ATTACHMENTS SHALL BE APPROVED BY THE APPROPRIATE DESIGN PROFESSIONAL OF RECORD (RDP) AND OSHPD AS PAR FIELD REVIEWS/OBSERVATIONS. THE INSPECTOR OR RECORD (IOR) SHALL ASSURE THAT THE ABOVE REQUIREMENTS ARE ENFORCED.

REFERENCE: 2016 CBC SECTIONS 107 AND 1616A.

### NOTE:

SEISMICALLY RESTRAIN ALL SUSPENDED UTILITY SYSTEMS IN CONFORMANCE WITH REQUIREMENTS OF THE 2016 CALIFORNIA BUILDING CODE, CHAPTER 16A/ASCE 7-10. AS THE BASIS FOR THE RESTRAINT REQUIREMENTS, CALCULA AND SUBMIT TOTAL DESIGN LATERAL FORCE(S) SPECIFIC TO THE PROJECT PE OSHPD REQUIREMENTS OF THE CBC AND ASCE 7-10 SECTION 13.5.6.

TYPICAL PRE-APPROVED SYSTEMS INCLUDED THE FOLLOWING:

OPM-0043-13 MASON INDUSTRIES, INC. SEISMIC RESTRAINT GUIDELINES SUSPENDED DISTRIBUTION SYSTEMS.

REFERENCE: 2016 CAC SECTIONS 7-115, 7-126, AND CBC 2016 SECTION 107.

LAYOUT DRAWINGS OF THE SUPPORTS AND BRACING SYSTEMS IN ACCORDAN WITH THE PRE-APPROVAL SHALL BE SUBMITTED TO THE REGISTERED DESIGN PROFESSIONAL (RDP) IN RESPONSIBLE CHARGE OF THE PROJECT FOR REVIEW VERIFY THAT THE DETAILS ARE IN CONFORMANCE WITH ALL CODE REQUIREM THE LAYOUT DRAWINGS SHALL AS A MINIMUM BATISFY THE REQUIREMENTS O SECTION 13.6 AS MODIFIED BY THE CBC 2016 SECTION 1616A.

- THE STRUCTURAL ENGINEER OF RECORD (SEOR) SHALL VERIFY THAT T a) SUPPORTING STRUCTURE IS ADEQUATE FOR THE LOADS IMPOSED ON I SUPPORTS AND BRACES INSTALLED IN ACCORDANCE WITH THE PRE-AF IN ADDITION TO ALL OTHER LOADS.
- THE SEOR SHALL FORWARD THE ANCHORAGE AND BRACING DRAWING (INCLUDING APPROVED CHANGE ORDERS FOR SUPPLEMENTARY FRAM WHERE REQUIRED) TO THE DISCIPLINE IN RESPONSIBLE CHARGE WITH NOTATION INDICATING THAT THE DRAWINGS HAVE BEEN REVIEWED ANI GENERAL CONFORMANCE WITH THE PRE-APPROVAL AND THE DESIGN ( PROJECT.
- c) A "SHOP DRAWING STAMP" MAY BE USED TO INDICATE COMPLIANCE WIT REQUIREMENT
- THE REGISTERED DESIGN PROFESSIONAL (OTHER THAN SEOR) MAY PROFESSIONAL (OTHER THAN SEOR SHOP DRAWING STAMP FOR SMALL PROJECTS AT THE DISCRETION OF T DISTRICT STRUCTURAL ENGINEER.
- THE SEOR SHALL DESIGN ANY SUPPLEMENTARY FRAMING THAT IS NEEDED TO THE LOADS, MAINTAIN STABILITY AND/OR IS REQUIRED FOR INSTALLATION OF PRE-APPROVED SYSTEM.
- a) THE SUPPLEMENTARY FRAMING SHALL BE SUBMITTED TO OSHPD AS A ( ORDER

TLE 24, IEIR	C.	<ul> <li>THE LAYOUT DRAWINGS (WITH THE SHOP DRAWING STAMP) SHALL BE SUBMITTED TO OSHPD TO REVIEW:</li> <li>1) STRUCTURE SUPPORTING THE DISTRIBUTION SYSTEM HAS ADEQUATE CAPACITY.</li> <li>2) SEISMIC DESIGN FORCES (FP) ARE IN ACCORDANCE WITH CBC 2016, AND</li> </ul>	1.	THE GENERAL CONTRACTOR IS RESPONSIBLE FOR CHECKING CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS FOR ACCURACY, AND CONFIRMING THAT WORK IS BUILDABLE AS SHOWN BEFORE PROCEEDING WITH CONSTRUCTION. IF THERE ARE ANY QUESTIONS REGARDING THESE OR OTHER COORDINATION ISSUES, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING A CLARIFICATION FROM THE OWNERS' REPRESENTATIVE BEFORE PROCEEDING WITH WORK IN QUESTION OR RELATED WORK.
) OF L /-10		<ul> <li>3)</li> <li>VERIFY THAT SUBMITTAL IS WITHIN THE SCOPE OF OSHPD PRE-APPROVAL OF: MANUFACTURER'S CERTIFICATION (OPM):</li> <li>a. SIZE OF DISTRIBUTION SYSTEM COMPONENTS.</li> <li>b. SPACING OF BRACING AND FLEX JOINTS, AND</li> <li>c. SUBSTRATE FOR ATTACHMENTS.</li> </ul>	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 LOCATIONS INCLUDING ALL PIPING, DUCTWORK AND CONDUIT, AND INSURE THAT ALL REQUIRED CLEARANCES FOR INSTALLATION AND MAINTENANCE ARE PROVIDED.
= ACH	D.	THE LAYOUT DRAWINGS (WITH THE SHOP DRAWINGS STAMP) SHALL BE KEPT ON THE JOBSITE AND CAN THEN BE USED FOR INSTALLATION OF THE SUPPORT AND	3.	THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL WORK AND MATERIALS IN ACCORDANCE WITH ALL CODES AND REQUIREMENTS OF STATE AND LOCAL REGULATORY AGENCIES.
OTAL S LESS	_	BRACING. a) OSHPD FIELD STAFF WILL REVIEW THE INSTALLATION.	4.	ALL WORK NOT SPECIFICALLY COVERED IN THE CONTRACT DOCUMENTS SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH CONSTRUCTION INDUSTRY STANDARDS.
IE TO	E.	A COPY OF THE CHOSEN BRACING SYSTEM(S) INSTALLATION GUIDE/OPM MANUAL SHALL BE ON THE JOBSITE PRIOR TO STARTING THE INSTALLATION OF HANGERS AND/OR BRACES.	5.	DRAWINGS, THOUGH NOTED TO SCALE, ARE DIAGRAMMATICAL. DO NOT SCALE DRAWINGS.
H A LS TO		a) IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN COPIES OF OPM AND FURNISH THE IOR WITH ONE COPY OF EACH.	6. 7.	ALL HEIGHTS ARE DIMENSIONED FROM TOP OF SLAB UNLESS OTHERWISE NOTED. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING ALL
S OR OF LESS,	F.	COMPONENTS OF TWO OR MORE PRE-APPROVED BRACING SYSTEMS SHALL NOT BE MIXED. a) ONLY ONE PRE-APPROVED BRACING SYSTEM MAY BE USED FOR A RUN OF PIPE,		CHANGES TO THE CONSTRUCTION DOCUMENTS, NO MATTER HOW MINOR, FOR AS- BUILT RECORD DOCUMENTS. THESE DOCUMENTS ARE TO BE GIVEN TO THE OWNERS' REPRESENTATIVE WITHIN 2 WEEKS AFTER FINAL COMPLETION.
5		<ul> <li>b) ANY SUBSTITUTION OF COMPONENT OF A PRE-APPROVED BRACING SYSTEM SHALL REQUIRE OSHPD REVIEW AND APPROVAL.</li> </ul>	8.	THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL UTILITIES INDICATED ON THE INTERIOR ELEVATIONS WITH THE ELECTRICAL AND PLUMBING SUBCONTRACTORS.
VE ET		REFERENCE: 2016 CAC SECTIONS 7-115, 7-126, 7-153, AND CBC 2016 SECTION 107.	9.	IN THE CASE OF CONFLICTS OR AMBIGUITIES NOT CLARIFIED PRIOR TO THE BIDDING DEADLINE, USE THE MOST COSTLY ALTERNATIVE (BETTER QUALITY, GREATER QUANTITY AND LARGER SIZE) IN PREPARING THE BID. A CLARIFICATION WILL BE ISSUED TO THE SUCCESSFUL BIDDER AS SOON AS FEASIBLE AFTER THE AWARD AND, IF APPROPRIATE, A DEDUCTIVE CHANGE ORDER WILL BE ISSUED.
CH ITH ENT	R	EQUIREMENTS FOR ACCESSIBILITY	10.	ALL PENETRATIONS THROUGH FIRE RESISTIVE PARTITION AND SLAB, INCLUDING CONDUITS AND PIPING, SHALL BE CONSTRUCTED TO MEET APPROVED U.L. SYSTEM.
PT	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.	11.	ALL PENETRATIONS INTO SOUND RATED PARTITIONS, INSULATED PARTITIONS OR CEILING ASSEMBLIES SHALL BE SEALED WITH APPROVED PERMANENT RESILIENT SEALANT. OR OTHERWISE TREATED TO MAINTAIN INTEGRITY OF THE ACOUSTICAL ASSEMBLY.
FPA IS	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	12.	CONTRACTOR TO PREVENT GALVANIC ACTION AND OTHER FORMS OF CORROSION BY INSULATING METALS AND OTHER MATERIALS FROM DIRECT CONTACT WITH INCOMPATIBLE MATERIALS.
RUN IPE VOID	3.	DISABLED. ALL BUILDING ENTRANCES SHALL BE IDENTIFIED WITH AT LEAST ONE STANDARD SIGN AND WITH ADDITIONAL DIRECTIONAL SIGNS, AS REQUIRED, TO BE VISIBLE TO PERSONS ALONG APPROACHING PEDESTRIAN WAYS.	13.	THE CONTRACTOR SHALL PERFORM ALL CUTTING, PATCHING, AND FINISHING NECESSARY TO RESTORE THE ORIGINAL CONDITION OF THE BUILDING TO ALL EXISTING PORTIONS OF THE BUILDING AFFECTED BY HIS WORK, TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
D ) NTS THE	4.	HAND-ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 34 INCHES AND 44 INCHES ABOVE THE FLOOR. LATCHING AND LOCKING DOORS THAT ARE HAND-ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER-TYPE HARDWARE, PANIC BARS, PUSH-PULL ACTIVATING BARS OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE	14.	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 STEEL. MAINTAIN A MINIMUM CLEARANCE OF ONE INCH BETWEEN THE REINFORCEMENT STEEL AND THE DRILLED- IN ANCHOR AND OR PIN.
	5.	ABILITY TO GRASP THE OPENING HARDWARE. LOCKED EXIT DOORS SHALL OPERATE AS ABOVE IN EGRESS DIRECTION. (CBC SECTION 11B-404.2.7) MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 POUNDS FOR EXTERIOR	15.	THE CONTRACTOR SHALL COORDINATE ALL PHASING, ACCESS, DEBRIS, STAGING AREAS, AND HOURS OF CONSTRUCTION WITH OWNERS PRIOR TO START OF CONSTRUCTION.
(25 MM) EQUAL		DOORS AND 5 POUNDS FOR INTERIOR DOORS, SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS. WHEN FIRE DOORS ARE REQUIRED, THE	16.	CONTRACTOR TO PROVIDE REQUIRED DUST AND INFECTION CONTROL PROTECTION SYSTEM. MEANS AND METHODS TO BE COORDINATED WITH OWNER.
ESS. T		MAXIMUM EFFORT TO OPERATE THE DOOR MAY BE INCREASED TO THE MINIMUM ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY, NOT TO EXCEED 15 POUNDS. (CBC SECTION 11B-404.2.9)	17.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SECURITY OF THE AREA OF THE PROJECT WORK AND SHALL ALSO BE RESPONSIBLE FOR THE DISCIPLINE OF ALL CONSTRUCTION WORKERS ON THE PROJECT.
VILL BE E	6.	THE BOTTOM 10 INCHES OF ALL DOORS EXCEPT AUTOMATIC AND SLIDING SHALL HAVE A SMOOTH, UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION. WHERE NARROW FRAME DOORS ARE USED, A 10-INCH HIGH SMOOTH PANEL SHALL BE INSTALLED ON THE PUSH SIDE OF THE DOOR, WHICH UNLL ALLOW THE DOOR TO BE	18.	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.
OSE	7.	OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION. (CBC SECTION 11B-404.2.10) FOR HINGED DOORS, THE OPENING WIDTH SHALL BE MEASURED WITH THE DOOR	19.	THE GENERAL CONTRACTOR SHALL SEPARATE DISSIMILAR METALS WITH BUILDING PAPER OR PLASTIC SHIM.
S DO THE LL BE	8.	POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION. AT LEAST ONE OF A PAIR OF DOORS SHALL MEET THIS OPENING WIDTH REQUIREMENT. (CBC SECTION 11B-404.2.2 & 11B-404.2.3) MANUALLY OPERATED EDGE OR SURFACE MOUNTED FLUSH BOLTS ARE NOT ALLOWED.	20.	THE GENERAL CONTRACTOR SHALL X-RAY AND/OR ULTRASOUND THE EXISTING CONCRETE FLOORS AND STRUCTURAL SLAB ABOVE ANY POSSIBLE EMBEDDED CONDUITS, STRUCTURAL REBAR UNFORESEEN CONDITION THAT IS OUTSIDE THE SCOPE OF WORK AND MIGHT IMPEDE THE ANCHORING OF EQUIPMENT OR CONFLICT WITH TRENCHING PRIOR TO CONSTRUCTION.
T OF		WHEN EXIT DOORS ARE USED IN PAIRS AND APPROVED FLUSH BOLTS ARE USED, THE DOOR LEAF HAVING THE AUTOMATIC FLUSH BOLTS SHALL HAVE NO DOOR KNOB OR SURFACE-MOUNTED HARDWARE. THE UNLATCHING OF ANY LEAF SHALL NOT REQUIRE MORE THAN ONE OPERATION.	21. 22.	CONTRACTOR STAGING TO BE IN THE ROOMS UNDER REMODEL.
RT OF	9.	THERE SHALL BE A LEVEL AND CLEAR FLOOR OR LANDING ON EACH SIDE OF A DOOR. THE LEVEL AREA SHALL HAVE A LENGTH IN THE DIRECTION OF DOOR SWING OF A LEAST 60 INCHES AND THE LENGTH OPPOSITE THE DIRECTION OF THE DOOR SWING OF 48 INCHES AS MEASURED AT RIGHT ANGLES TO THE PLANE OF THE DOOR IN ITS CLOSED POSITION.	23. 24.	THE CONTRACTOR SHALL ENSURE THAT THE AREA UNDER REMODEL IS LOCKED AND OTHERWISE SECURED AFTER HOURS. THE GENERAL CONTRACTOR IS RESPONSIBLE TO CUT & PATCH TO MATCH ALL EXISTING PARTITIONS WHERE NEW FIRE ALARM AND ELECTRICAL DEVICES ARE
	10.	THE WIDTH OF THE LEVEL AREA ON THE SIDE TO WHICH THE DOOR SWINGS SHALL EXTEND 24 INCHES PAST THE STRIKE EDGE OF THE DOOR FOR EXTERIOR DOORS AND 18 INCHES PAST THE STRIKE EDGE FOR INTERIOR DOORS. THE WIDTH OF THE AREA ON THE SIDE OPPOSITE THE SWING SHALL EXTEND 12 INCHES PAST THE STRIKE EDGE OF	25.	REQUIRED AS SPECIFIED IN THE FIRE ALARM DRAWINGS. CONTRACTOR TO INCLUDE AN ALLOWANCE TO FURNISH AND APPLY CRETESEAL 2000 CONCRETE SEALER OR APPROVED EQUAL ON SLAB ON GRADE.
E	11.	THE DOOR WHEN THE DOOR IS EQUIPPED WITH BOTH A CLOSER AND A LATCHSET. ABRUPT CHANGES IN LEVEL ALONG ANY ACCESSIBLE ROUTE SHALL NOT EXCEED 1/2 INCH. WHEN CHANGES IN LEVEL DO OCCUR, THEY SHALL BE BEVELED WITH A SLOPE NO		OSHPD INTENT STATEMENT
TE ER		GREATER THAN 1:2 EXCEPT THAT LEVEL CHANGES NOT EXCEEDING 1/4 INCH MAY BE VERTICAL. WHEN CHANGES IN LEVELS GREATER THAN 1/2 INCH ARE NECESSARY THEY SHALL COMPLY WITH THE REQUIREMENTS	ר פ	TI⊉ LINTENT 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
5 FOR		FOR RAMPS. MINIMUM WIDTH SHALL BE 48". SIDE REACH MOUNTING HEIGHTS: IF THE CLEAR FLOOR SPACE ALLOWS PARALLEL APPROACH BY A PERSON IN A WHEELCHAIR, THE MAXIMUM HEIGHT FOR HIGH SIDE		DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY OSHPD PRIOR TO PROCEEDING WITH THE WORK.
	14.	REACH SHALL BE 44 INCHES AND THE LOW SIDE REACH SHALL BE 15 INCHES ABOVE THE FINISHED FLOOR. FORWARD REACH MOUNTING HEIGHTS: IF THE CLEAR SPACE ONLY ALLOWS FORWARD	V	
NCE		APPROACH BY A PERSON IN A WHEELCHAIR, THE MAXIMUM HEIGHT FOR HIGH SIDE REACH SHALL BE 48 INCHES AND THE LOW SIDE REACH SHALL BE 15 INCHES ABOVE THE FINISHED FLOOR.		OCEANSIDE # 78
W TO IENTS. OF ASCE	15.	DOORS LEADING TO MEN'S SANITARY FACILITIES SHALL BE IDENTIFIED BY AN EQUILATERAL TRIANGLE 1/4" THICK, WITH EDGES 12" LONG AND A VERTEX POINTING UPWARD. WOMEN'S SANITARY FACILITIES SHALL BE IDENTIFIED BY A CIRCLE 1/4" THICK AND 12" IN DIAMETER.		ESC ONDIDO
THE T BY THE PPROVAL	16.	UNISEX SANITARY FACILITIES SHALL BE IDENTIFIED BY A CIRCLE 1/4" THICK, 12" DIAMETER, WITH A 1/4" THICK TRIANGLE SUPERIMPOSED ON THE CIRCLE AND WITHIN THE 12" DIAMETER.		PROJECT SITE
iS ING A	17.	GEOMETRIC (CIRCLE AND TRIANGLE) SYMBOLS SHALL BE CENTERED ON THE DOOR AT A HEIGHT OF 60" ABOVE FINISHED FLOOR AND THEIR COLOR AND CONTRAST SHALL BE DISTINCTLY DIFFERENT FROM THE COLOR AND CONTRAST OF THE DOOR.		4002 VISTA WAY OCEANSIDE, CA 92056
D ARE IN OF THE	18.	ADDITIONAL SIGNAGE REQUIREMENTS: RAISED LETTERS SHALL BE PROVIDED AND SHALL BE ACCOMPANIED BY BRAILLE IN CONFORMANCE WITH SECTION 11B-703. THEY SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH OUTSIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE. INCLUDING DOUBLE LEAF		DEL MAR 56 15 POWAY
		DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL AND SIGNS SHALL BE MOUNTED 48" MINIMUM ABOVE FINISH FLOOR, MEASURED FROM THE BASELINE OF THE LOWEST LINE OF BRAILLE AND 60" MAXIMUM ABOVE THE FINISH FLOOR, MEASURED		
		FROM THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTERS. CBC 11B-703.4.1		
) RESIST THE			-	DEFERED APPROVALS: FIRE ALARM FIRE PROTECTION
CHANGE				

**GENERAL NOTES** 

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## INDEX OF DRAWINGS:

COVER SHEET

		COVERSILEET
		ARCHITECTURAL
_	$\begin{array}{c} A0-00\\ A1-00\\ A1-01\\ \swarrow\\ A1-02\\ A1-02\\ A1-03\\ A4-00\\ A4-10\\ A4-20\\ A4-20\\ A4-30\\ A4-20\\ A4-30\\ A4-40\\ A4-41\\ A5-00\\ A5-70\\ A5-80\\ A5-81\\ A6-00\\ A6-20\\ \end{array}$	PROJECT INFORMATION GENERAL NOTES, LEGENDS, SYMBOLS & SHEET INDEX CODE COMPLIANCE, FIRST FLOOR PLAN ADA COMPLIANCE DETAILS DEPARTMENT ADJACENCIES 1/4" PARTIAL DEMO - FIRST FLOOR PLAN 1/4" PARTIAL NEW - FIRST FLOOR PLAN 1/4" PARTIAL DEMO - RCP FIRST FLOOR PLAN 1/4" PARTIAL NEW - RCP FIRST FLOOR PLAN 1/4" INTERIOR ELEVATIONS 1/4" INTERIOR ELEVATIONS 1/4" INTERIOR ELEVATIONS TYPICAL RATED PARTITION ASSEMBLIES LAY IN CEILING DETAILS DETAILS DOOR AND INTERIOR OPENINGS SCHEDULE EQUIPMENT PLAN, DETAILS AND SCHEDULE
		INTERIOR FINISHES
	ID-1 ID-2	1/4" RETAIL PHARMACY NEW FINISHES PLAN FINISH DETAILS
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		PLUMBING
	P0.1 P0.2 P1.1 P3.1 P3.2 PD3.1	GENERAL NOTES & SHEET INDEX LEGEND, ABBREVIATIONS, SCHEDULE & DETAIL OVERALL FIRST FLOOR PLAN PARTIAL FIRST FLOOR RENOVATION PLAN - WASTE AND VENT PARTIAL FIRST FLOOR RENOVATION PLAN - CW AND HW ENLARGED FIRST FLOOR DEMOLITION PLAN
		ELECTRICAL
	E0.1 E2.1 E3.1 E5.1 E6.1 ED3.1	GENERAL NOTES, LEGENDS, SYMBOLS & SHEET INDEX OVERALL FIRST FLOOR PLAN ENLARGED REMODEL POWER AND LIGHTING - LEVEL 1 FLOOR PLAN ELECTRICAL PARTIAL SINGLE LINE DIAGRAM AND PANEL SCHEDULE ELECTRICAL DETAILS ENLARGED DEMOLITION POWER AND LIGHTING - LEVEL 1 FLOOR PLAN
		INFORMATION:
	SCOPE OF WORK: RENOVATE EXISTING PHY	SICAL THERAPY ROOM TO BECOME A RETAIL PHARMACY.
	WATER CLOSET SQ.FT.: 6	7 SQ. FT.
	PHARMACY SQ.FT.: 277 SC TOTAL COMBINED AREA.:	

**BUILDING DESCRIPTION** NUMBER OF STORIES: 4 STORIES OCCUPANCY GROUP: 1-2, B /1 TYPE OF CONSTRUCTION: I-A FIRE ZONE: 3 FIRE SPRINKLERS: YES

CONSTRUCTION CLASSIFICATION: SEISMIÇ DEŠIGN CĂTEĞOŘY: D /2 3HR STRUCTURAL FRAME 2HR FLOOR-CEILING/ROOF 1 1/2 HR ROOF

## 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 9, TITLE 24, CCR)

## **OSHPD APPROVAL:**

APPLICATION NUMBER: S171386-37-00

## S ARCHITECTS

5151 Shoreham Place, Suite 100 San Diego, CA 92122

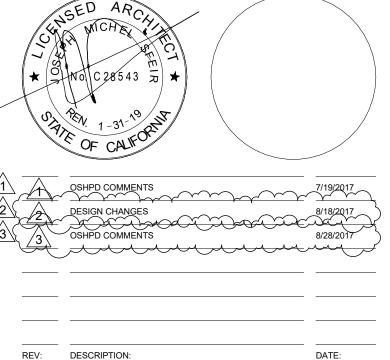
P: 619-299-3917 F: 619-299-5084 www.sfeirarch.com

# 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 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
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SHPD APPROVAL STAMF OSHPD #: S171386-37-00

CONSULTAN

## **PROJECT INFORMATION**

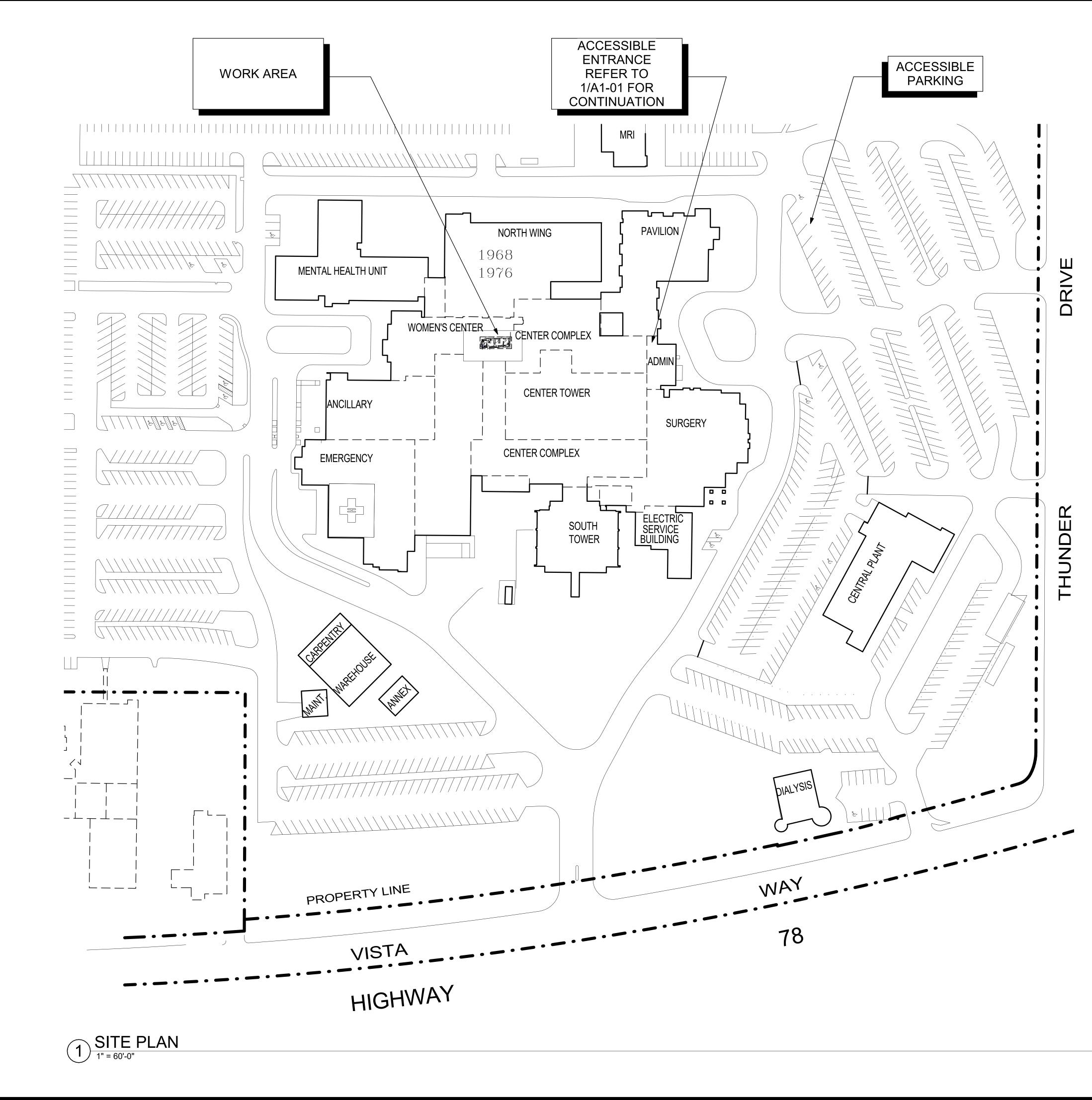
SHEET NUMBER

PROJECT TITLE TCMC PHARMACY RETAIL ROOM

PROJECT #: 01641.00 DRAWN BY Author CHECKED BY Checker SCALE: NTS )" DATE:

06/26/2017

**100% CONSTRUCTION DOCUMENTS** 



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:

_	$\rightarrow$

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.

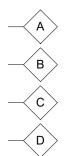
INDICATES AN EXISTING TWO HOUR FIRE RATED PARTITION TO REMAIN, ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.

<u>— SB</u> • <u>— SB</u> INDICATES AN EXISTING 1 HOUR SMOKE BARRIER

THICK LINE INDICATES NEW SURFACE FINISH.

> INDICATES AN EXISTING STRUCTURAL CONCRETE WALL TO REMAIN. LOCATE REINFORCING STEEL AND OBTAIN APPROVAL FROM STRUCTURAL ENGINEER PRIOR TO CORING AND/ OR CUTTING.

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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.



<sup>`</sup> 5151 Shoreham Place, Suite 100 San Diego, CA 92122

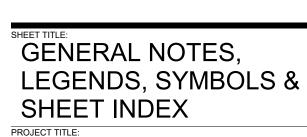
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## TCMC PHARMACY RETAIL ROOM

## TRI-CITY MEDICAL CENTER

4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

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	STRUCTURAL:	SUN STRUCTURAL ENGINEERING, I 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188	NC.
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	OSHPD #: S	3171386-37-00	



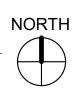
TCMC PHARMACY RETAIL ROOM

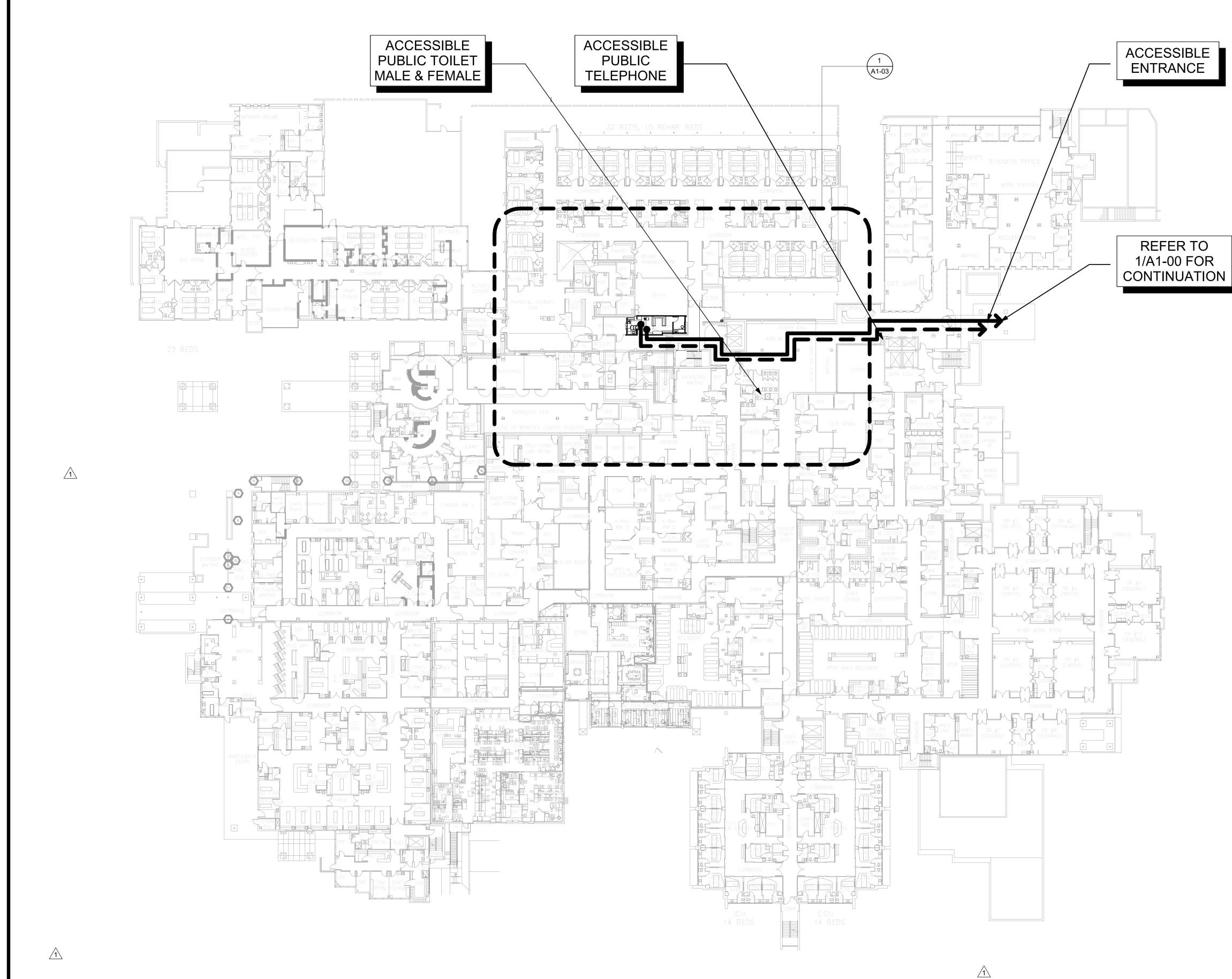
SHEET NUMBER

PROJECT #:
01641.00
DRAWN BY:
Author
CHECKED BY:
Checker
SCALE:
As indicate

DATE: 06/26/2017







1 CODE COMPLIANCE FIRST FLOOR PLAN



## **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.

1

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.

SB SB SB SB SB SB 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.

FB - FB - FB - FB - FB - 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.

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## TCMC PHARMACY **RETAIL ROOM**

## TRI-CITY MEDICAL CENTER

4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

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	OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
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ME&P:	P2S 9665 CHESAPEAKE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347
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OSHPD APPROVAL STAMP OSHPD #: S171386-37-00

## CODE COMPLIANCE, FIRST FLOOR PLAN

SHEET NUMBER:

PROJECT TITLE: TCMC PHARMACY RETAIL ROOM

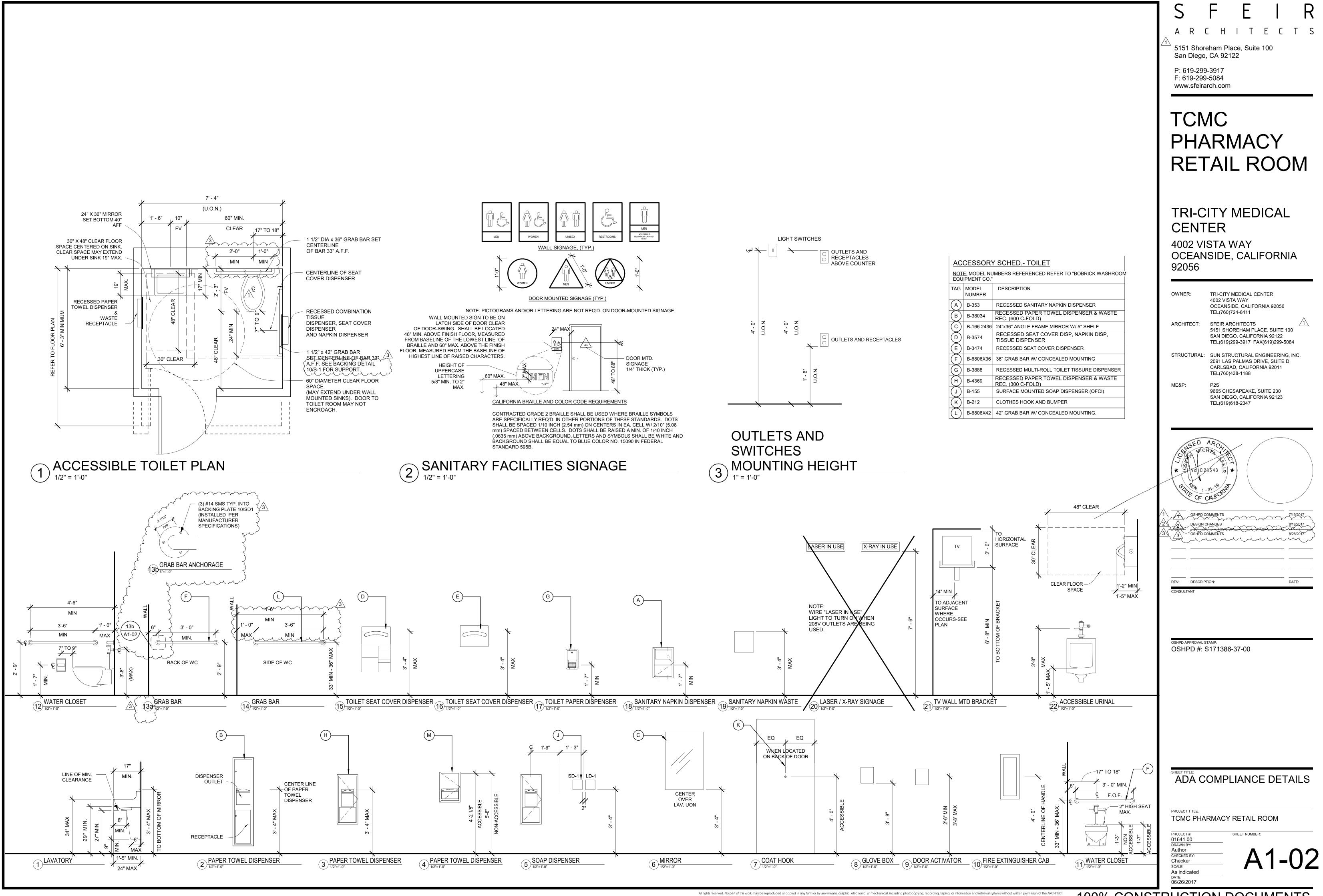
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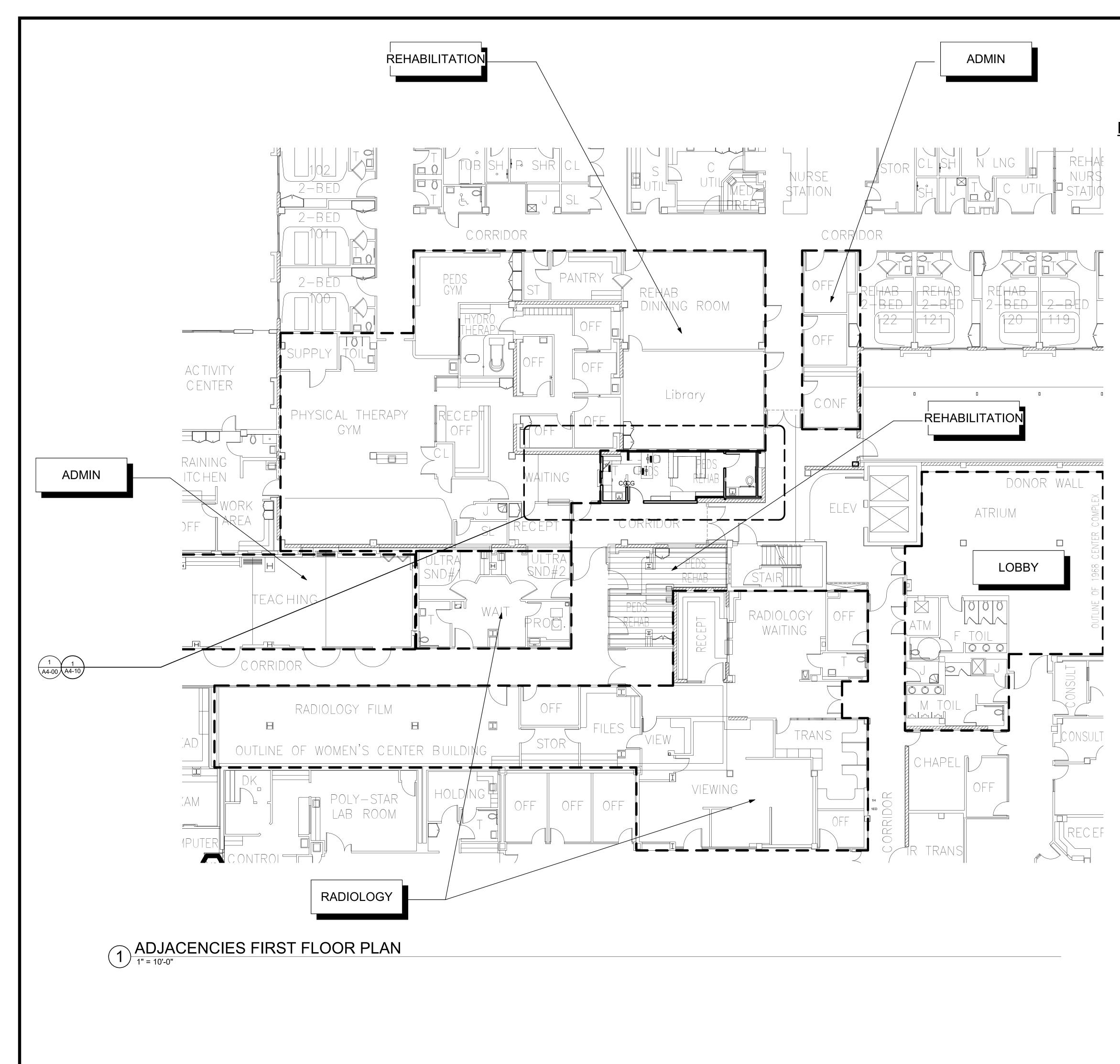
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V<u>///////</u>





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	$\underline{1}$
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 $^{
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## TCMC PHARMACY RETAIL ROOM

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ME&P:	P2S 9665 CHESAPEAKE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347	
	ARCH PER BITO 8543 $\overline{z}$ * 31-19 CALFORNIT	
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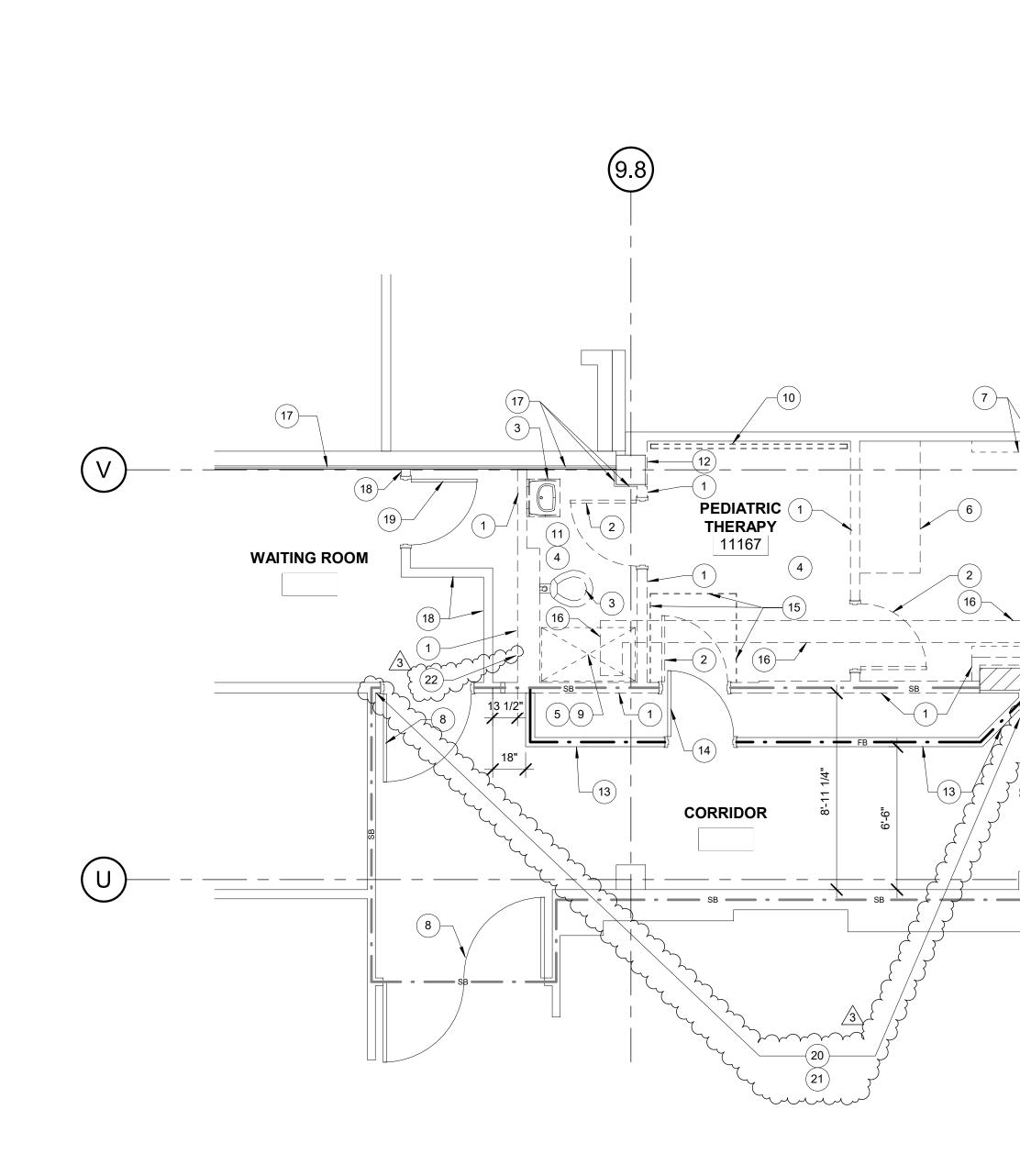
## DEPARTMENT ADJACENCIES

PROJECT TITLE: TCMC PHARMACY RETAIL ROOM

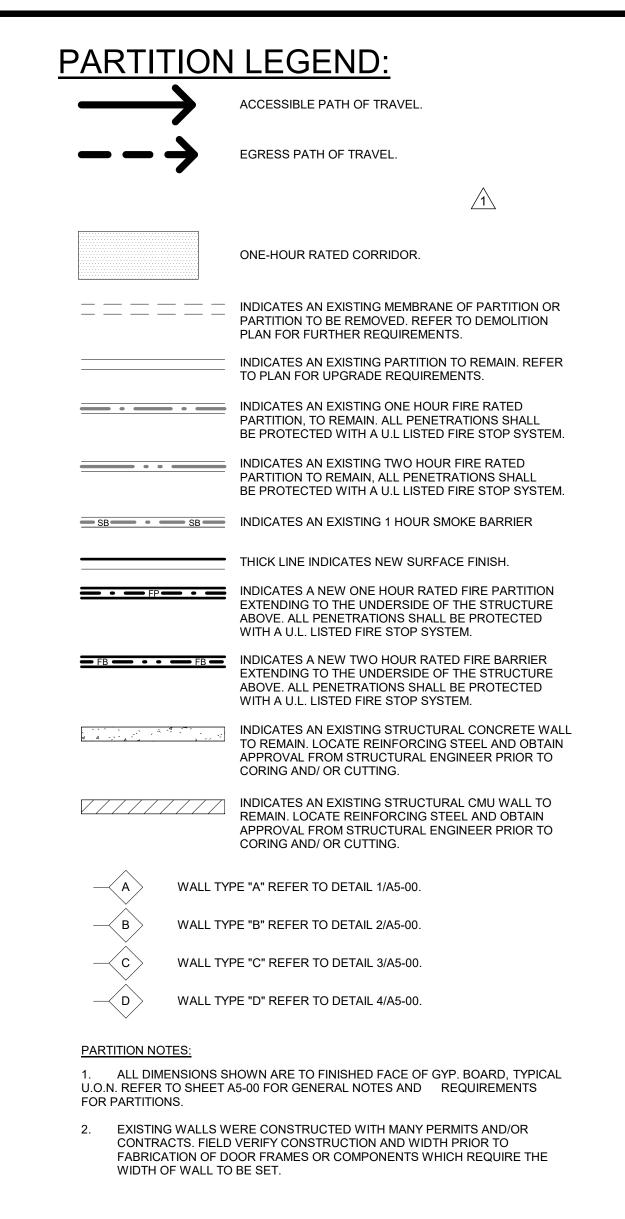
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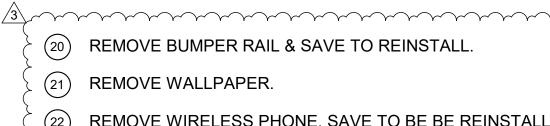
PROJECT #:
01641.00
DRAWN BY:
Author
CHECKED BY:
Checker
SCALE:
As indicated
DATE:
06/26/2017

A1-03



) RETAIL PHARMACY DEMOLITION PLAN





(22) REMOVE WIRELESS PHONE, SAVE TO BE BE REINSTALLED. 

\_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ PHYS. *THERAPY/HRIF* 10725 CORRIDOR

8.05

(8.4)

NORTH 

## **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.

## DEMOLITION GENERAL NOTES:

- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING DEMOLITION.
- THE GENERAL CONTRACTOR SHALL COORDINATE ALL PHASING, ACCESS, DEBRIS REMOVAL, STAGING AREAS AND HOURS OF CONSTRUCTION WITH OWNER PRIOR TO START OF DEMOLITION.
- THE GENERAL CONTRACTOR SHALL COORDINATE WITH STRUCTURAL, MEP. FIRE ALARM, FIRE PROTECTION, NURSE CALL, INTERIORS AND EQUIPMENT DRAWINGS PRIOR TO STARTING DEMOLITION. THE PROJECT MANUAL AND ALL DRAWINGS IN THE CONSTRUCTION DRAWINGS SHALL BE PART OF THE CONSTRUCTION DOCUMENTS.
- THE GENERAL CONTRACTOR SHALL SEPARATE DISSIMILAR METALS WITH 4. 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. 8.
- THE CONTRACTOR SHALL ENSURE THAT THE AREA UNDER REMODEL IS LOCKED AND OTHERWISE SECURED AFTER HOURS.
- UNLESS OTHERWISE NOTED, CONTRACTOR SHALL COORDINATE WITH THE 10. OWNER THE REMOVAL OF EXISTING EQUIPMENT INDICATED ON DRAWINGS.
- DASHED LINES INDICATE ITEMS TO BE DEMOLISHED OR REMOVED. REFER TO 11. FLOOR PLAN, CEILING PLAN AND ROOM FINISH SCHEDULE ALONG WITH MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION, AND FIRE ALARM SECTIONS FOR FURTHER DESCRIPTION OF SCOPE OF WORK.
- 12. REFER TO DEMOLITION PLAN FOR NOTES INDICATING TYPE OF FINISHES WITHIN THE EXISTING SPACE TO BE REMOVED.
- REFER TO RELATED PLANS FOR PORTIONS OF EXISTING CONSTRUCTION 13. SCHEDULED TO REMAIN.
- PATCH NEW WORK TO MATCH AND ALIGN WITH THE EXISTING. COMPLETELY 14 REMOVE EXISTING FINISHES WHERE NEW FINISHES ARE SCHEDULED.
- CONTRACTOR SHALL PRESERVE AND PROTECT THE EXISTING AREA, 15. EQUIPMENT, CABINETRY ETC. ADJACENT TO THE AREA OF WORK
- REFER TO NEW PLAN AND INTERIOR ELEVATIONS FOR LOCATION OF NEW 16. WALL CONNECTIONS, OPENINGS, RECESSED ITEMS, BACKING PLATES, ETC. AT EXISTING WALLS. REMOVE GYPSUM BOARD WHERE NEEDED TO ACCOMODATE FOR THE ABOVE WORK.
- CAP AND CLOSE ALL ABANDONED OPENINGS AT EXISTING SLAB. FILL AND 17. 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 18. 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 SEPERATE CONTRACTS.
- 19. GENERAL CONTRACTOR TO PROVIDE NEGATIVE PRESSURE IN EACH PHASE AND FILTER THE AIR WITH HEPA FILTRATION AND EXHAUST FILTER AIR THROUGH EXTERIOR WINDOWS. G.C. TO SECURE AN INFECTION CONTROL PERMIT FROM TRI CITY MEDICAL CENTER PRIOR TO STARTING CONSTRUCTION.

## **DEMOLITION KEYNOTES:**

- (1) REMOVE EXISTING PARTITION IN ITS ENTIRETY.
- (2) REMOVE EXISTING DOOR & FRAME.
- (3) REMOVE EXISTING PLUMBING FIXTURE.
- (4) REMOVE EXISTING FLOOR FINISH.
- REMOVE EXISTING MORTAR BED. (5)
- (6) REMOVE EXISTING CABINETS.
- REMOVE EXISTING FLOOR MOUNTED EQUIPMENT.
- (8) EXISTING DOOR AND FRAME TO REMAIN.
- (9)**REMOVE EXISTING SHOWER STALL**
- (10)REMOVE EXISTING WALL MOUNTED MIRROR.
- (11)REMOVE EXISTIG WALL MOUNTED ACCESSORIES AND LIGHT FIXTURES.
- (12)REMOVE EXISTING GYP BOARD AND FURRING CHANNEL
- (13)TEMPORARY 1 HOUR RATED INFECTION CONTROL GYPSUM WALL BOARD PARTITION FROM FLOOR TO UNDER SIDE OF STRUCTURE ABOVE.
- (14)TEMPORARY 20 MINUTE DOOR.
- (15)INFECTION CONTROL ANTE-ROOM COROPLAST SHEETING BELOW AND ABOVE CEILING. ZIPPERED ENCLOSURE.
- (16) SAW CUT EXISTING CONCRETE FLOOR SLAB TO EXTEND WASTE LINE TO NEW SINK.
- (17) EXISTING GWB OVER 7/8" FURRING CHANNEL TO REMAIN.
- FIRE RESISTIVE CORRUGATED BOARD - Coroplast® Firewall (18) 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. mun munner mund
- (19) TEMPORARY DOOR.



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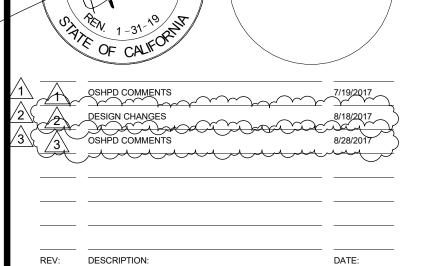
P: 619-299-3917 F: 619-299-5084 www.sfeirarch.com

## 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 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
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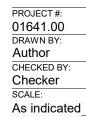
SHPD APPROVAL STAMF OSHPD #: S171386-37-00

CONSULTAN

## 1/4" PARTIAL DEMO - FIRST FLOOR PLAN

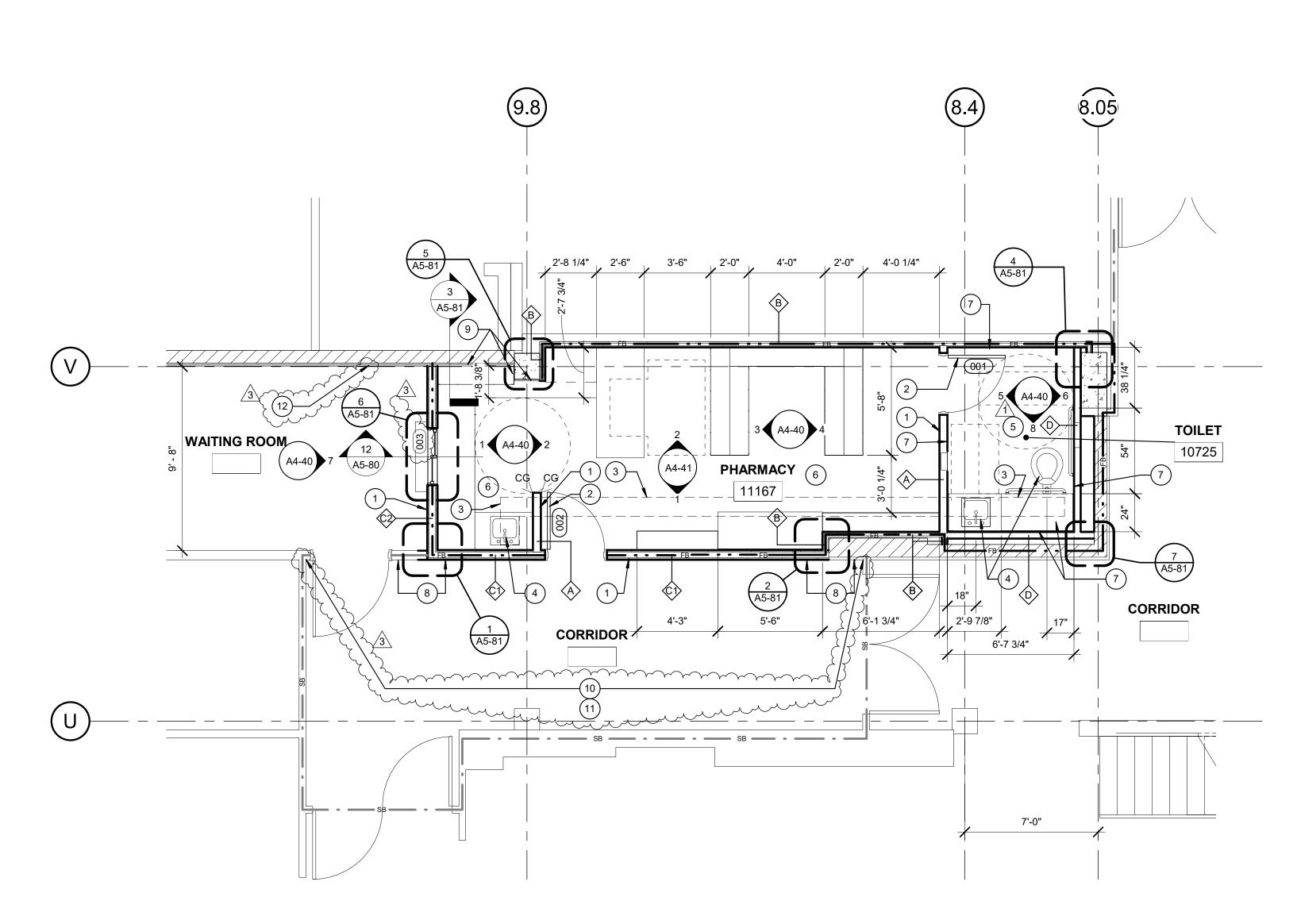
SHEET NUMBER:

PROJECT TITLE: TCMC PHARMACY RETAIL ROOM



06/26/2017

A4-00



NORTH 1) RETAIL PHARMACY NEW PLAN 

## PARTITION LEGEND:

ACCESSIBLE PATH OF TRAVEL

ONE-HOUR RATED CORRIDOR.

PLAN FOR FURTHER REQUIREMENTS.

TO PLAN FOR UPGRADE REQUIREMENTS.

INDICATES AN EXISTING MEMBRANE OF PARTITION OR

PARTITION TO BE REMOVED. REFER TO DEMOLITION

INDICATES AN EXISTING PARTITION TO REMAIN. REFER

PARTITION, TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.

INDICATES AN EXISTING TWO HOUR FIRE RATED

THICK LINE INDICATES NEW SURFACE FINISH.

WITH A U.L. LISTED FIRE STOP SYSTEM.

WITH A U.L. LISTED FIRE STOP SYSTEM.

PARTITION TO REMAIN, ALL PENETRATIONS SHALL

BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM

EXTENDING TO THE UNDERSIDE OF THE STRUCTURE

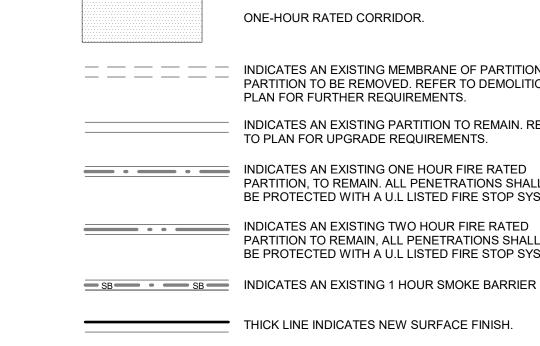
EXTENDING TO THE UNDERSIDE OF THE STRUCTURE

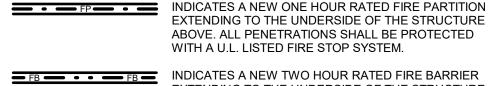
ABOVE. ALL PENETRATIONS SHALL BE PROTECTED

ABOVE. ALL PENETRATIONS SHALL BE PROTECTED

EGRESS PATH OF TRAVEL.



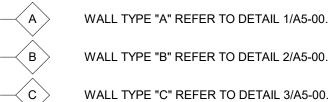






INDICATES AN EXISTING STRUCTURAL CONCRETE WALL TO REMAIN. LOCATE REINFORCING STEEL AND OBTAIN APPROVAL FROM STRUCTURAL ENGINEER PRIOR TO CORING AND/ OR CUTTING.

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 "B" REFER TO DETAIL 2/A5-00.

WALL TYPE "D" REFER TO DETAIL 4/A5-00.

PARTITION NOTES:

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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.

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 6. INDICATED ON THIS SHEET.
- CONTRACTOR STAGING TO BE IN THE ROOMS UNDER REMODEL.
- CONTRACTOR PARKING TO BE IN CONTRACTOR DESIGNATED PARKING AREA. 8
- THE CONTRACTOR SHALL ENSURE THAT THE AREA UNDER REMODEL IS LOCKED 9 AND OTHERWISE SECURED AFTER HOURS.
- 10. VERIFY ALL DIMENSIONS WITH EQUIPMENT SCHEDULE PRIOR TO START OF CONSTRUCTION.
- REFER TO EQUIPMENT PLAN, CEILING PLAN, INTERIOR ELEVATIONS AND ROOM 11 FINISH SCHEDULE ALONG WITH MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, AND FIRE ALARM SECTIONS FOR FURTHER DESCRIPTION OF SCOPE OF WORK.
- 12. REFER TO FINISH PLAN AND SCHEDULE AMD INTERIOR DESIGN DOCUMENTS FOR TYPES OF FINISHES.
- 13. FOR DOOR INFORMATION REFER TO DOOR SCHEDULE, SHEET A6-00.
- 14. REFER TO SHEETS A1-00, A1-01 AND A1-02 FOR ACCESSIBILITY REQUIREMENTS.
- 15. 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.
- 17. THE GENERAL CONTRACTOR SHALL SEISMICALLY ANCHOR ALL EXISTING AND NEW BUILDING SYSTEMS ABOVE CEILING INCLUDING BUT NOT LIMITED TO DUCTWORK, ELECTRICAL CONDUITS AND TRAYS, SPRINKLER PIPES, PLUMBING PIPES, ETC. REFER TO A0-00 FOR MORE INFORMATION.

## **FLOOR PLAN KEYNOTES:**

- 1 NEW INTERIOR PARTITION
- NEW DOOR AND DOOR FRAME.
- NEW CONCRETE TOPPING SLAB. TOP OF CONCRETE TO MATCH EXISTING. REFER TO 9 ON SD2.
- (4)ADD NEW PLUMBING FIXTURE.
- (5)NEW TILE FLOORING AND BASE.
- (6)NEW SHEET VINYL FLOORING & RUBBER BASE
- (7)NEW MOISTURE RESISTANT GYPSUM BOARD. SEE ID-1 FOR FINISHES.
- ALIGN NEW PARTITION. (8)
- EXISTING GWB OVER 7/8" FURRING CHANNEL TO REMAIN (9)
- $\frac{34}{2}$  (10) REINSTAL BUMPER RAIL.
- (11)PAINT WALL IN ITS ENTIRITY.
- (12) PATCH WALL, PRIME & PAINT ENTIRE WALL.



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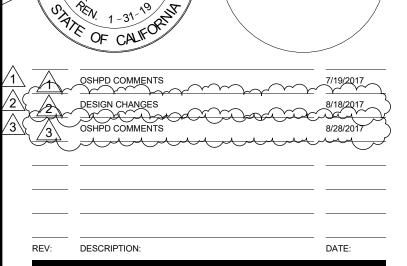
P: 619-299-3917 F: 619-299-5084 www.sfeirarch.com

## 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 5151 SHOREHAM PLACE, SUITE 100 SAN DIEGO, CALIFORNIA 92122 TEL(619)299-3917 FAX(619)299-5084 STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.	ME&P:	2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188 P2S 9665 CHESAPEAKE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347
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	ME&P:	P2S 9665 CHESAPEAKE, SUITE 230 SAN DIEGO, CALIFORNIA 92123
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4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056	ARCHITECT:	5151 SHOREHAM PLACE, SUITE 100 SAN DIEGO, CALIFORNIA 92122
	OWNER:	4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056



SHPD APPROVAL STAMF OSHPD #: S171386-37-00

CONSULTAN

1/4" PARTIAL NEW - FIRST FLOOR PLAN

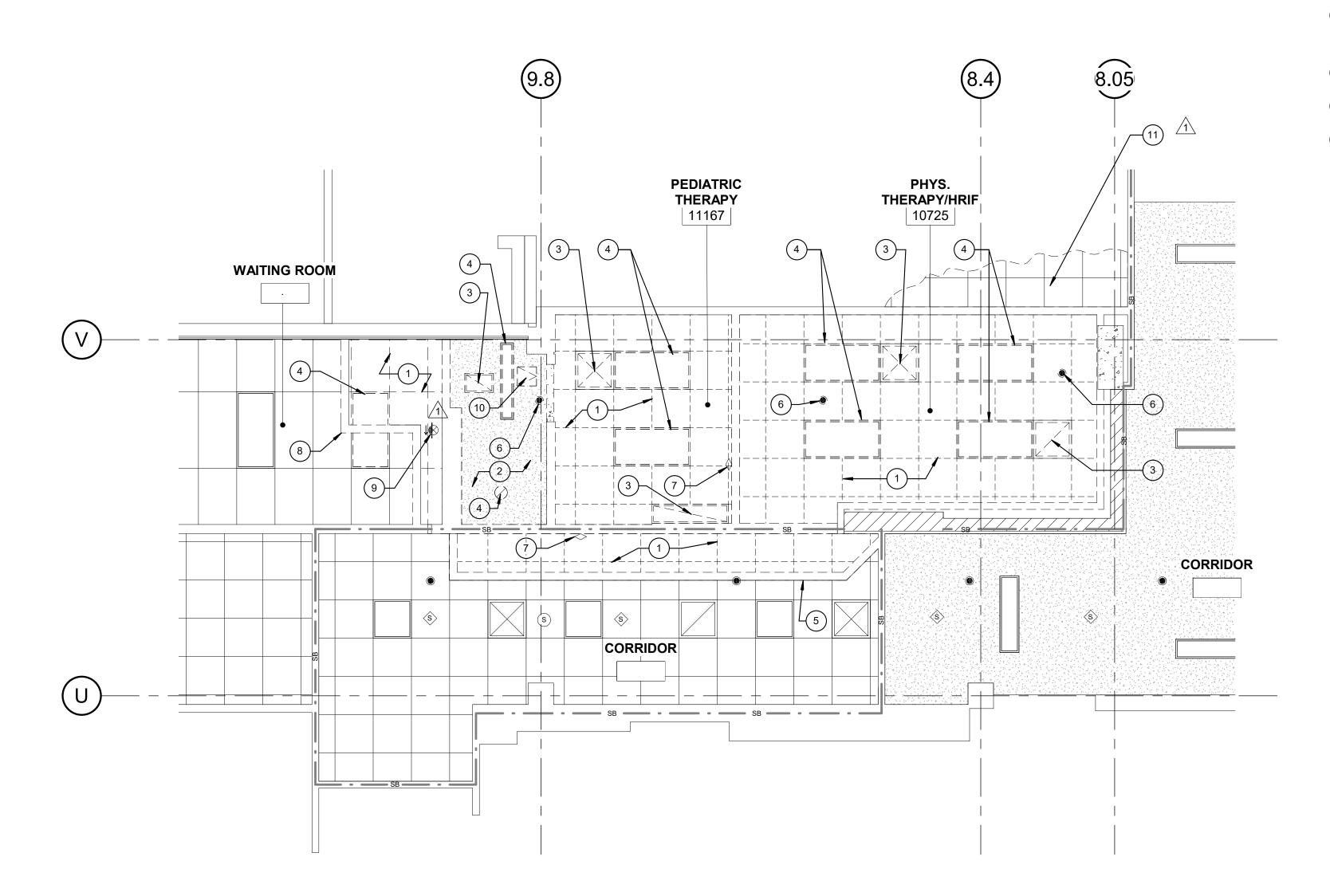
SHEET NUMBER

PROJECT TITLE: TCMC PHARMACY RETAIL ROOM

PROJECT #: 01641.00 DRAWN BY Author CHECKED BY Checker SCALE: As indicated

06/26/2017

A4-10



1 RETAIL PHARMACY DEMOLITION RCP

## **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 SAVE TO BE REINSTALLED.
- (10) REMOVE CEILING ACCESS PANEL.
- (11) REMOVE CEILING GYP AND TILE AS NEEDED TO INSTALL NEW DUCTWORK.



## **GENERAL NOTES:**

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- 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.

## **RCP DEMOLITION NOTES:**

- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND 1 MEASUREMENTS IN THE FIELD PRIOR TO STARTING DEMOLITION.
- THE GENERAL CONTRACTOR SHALL COORDINATE ALL PHASING, ACCESS, 2. 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.
- 4. THE GENERAL CONTRACTOR SHALL SEPARATE DISSIMILAR METALS WITH BUILDING PAPER OR PLASTIC SHIM.
- THE GENERAL CONTRACTOR SHALL X-RAY AND/OR ULTRASOUND THE 5. 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. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT 6.
- INDICATED ON THIS SHEET.
- CONTRACTOR STAGING TO BE IN THE ROOMS UNDER REMODEL. 7.
- 8. CONTRACTOR PARKING TO BE IN CONTRACTOR DESIGNATED PARKING AREA. THE CONTRACTOR SHALL ENSURE THAT THE AREA UNDER REMODEL IS 9. 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
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	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
0	RECESSED "CAN" LIGHT PROVIDE (1) SLACK SAFETY
	WIRE RECESSED "CAN" LIGHT DIRECTED TOWARD WALL PROVIDE (1) SLACK SAFETY WIRE
$\bigotimes$	EXIT SIGN PROVIDE (1) SLACK SAFETY WIRE
Ś	SMOKE DETECTOR EXISTING PROVIDE (1) SLACK SAFETY WIRE
S	PAGING SPEAKER PROVIDE (1) SLACK SAFETY WIRE
<b>—</b> "	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
۲	SPRINKLER
¢	AUDIBLE NURSE CALL
$\diamond$	DOME LIGHT NURSE CALL EXISTING
ćs	CHIME STROBE

## R S ARCHITECTS

5151 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

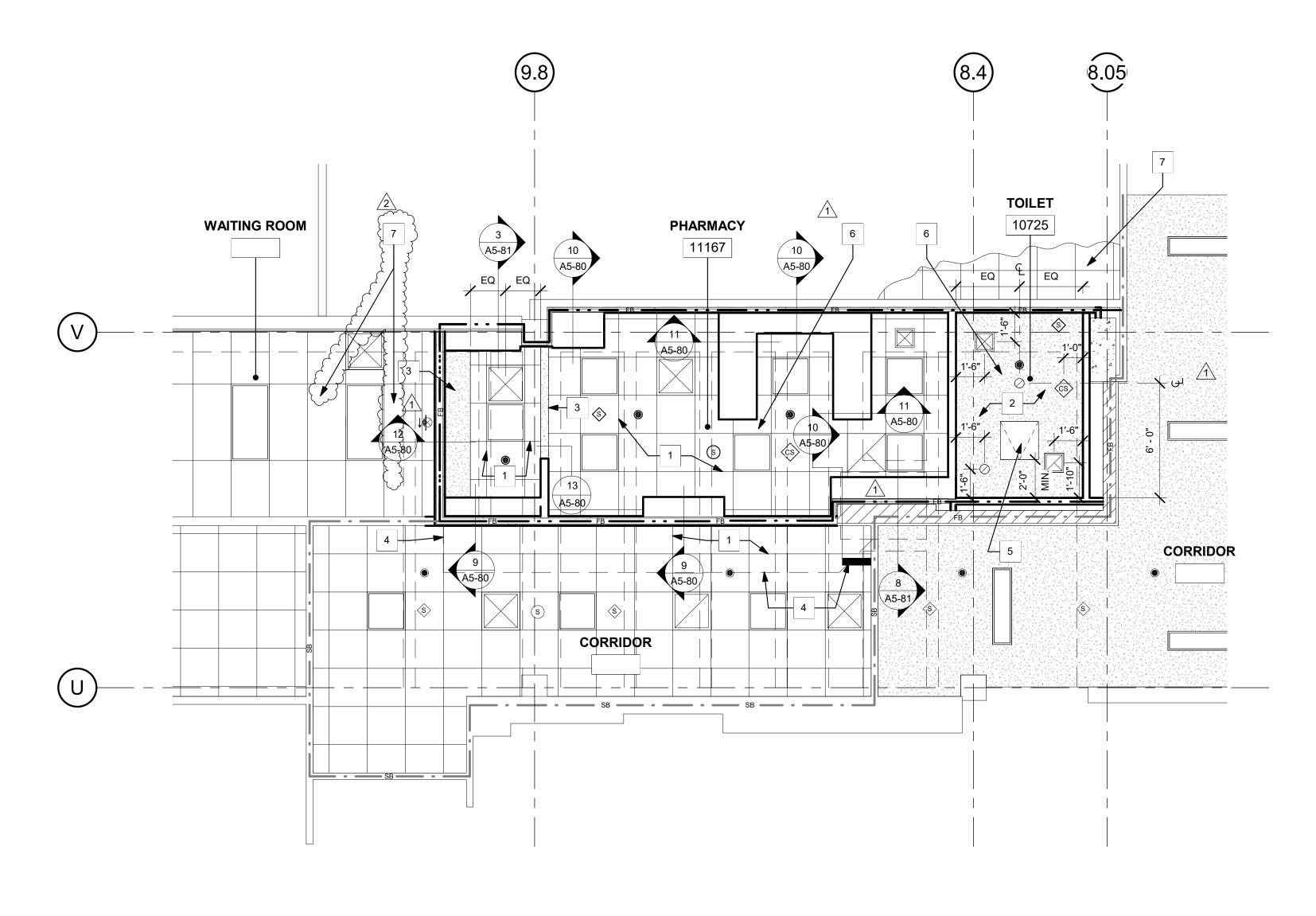
	OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411	
	ARCHITECT:	SFEIR ARCHITECTS 5151 SHOREHAM PLACE, SUITE 1( SAN DIEGO, CALIFORNIA 92122 TEL(619)299-3917 FAX(619)299-50	
	STRUCTURAL:	SUN STRUCTURAL ENGINEERING 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188	
	ME&P:	P2S 9665 CHESAPEAKE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347	
	STATE OF O	31-19 ALFORNIT	
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2	DESIGN C	HANGES	8/18/2017
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	CONSULTANT		
	OSHPD APPROVAL S	гамр: S171386-37-00	
		517 1000-07-00	
	SHEET TITLE:		
		RTIAL DEMO - RO	CP
	FIRST	FLOOR PLAN	
	PROJECT TITLE:		
	I CMC PHA	RMACY RETAIL ROOM	

100% CONSTRUCTION DOCUMENTS

SHEET NUMBER

PROJECT #

01641.00 DRAWN B AR/HT CHECKED BY JS SCALE: As indicated DATE: 06/26/2017



1) RETAIL PHARMACY NEW RCP

## RCP KEYNOTES:

- 1 NEW 2X2 ACP CEILING.
- <sup>2</sup> NEW GB CEILING. REF DETAIL 14/A5-80
- <sup>3</sup> NEW GB SOFFIT. REF DETAIL 13/A5-80
- 4 LIMIT OF NEW CEILING
- <sup>5</sup> NEW NON-RATED ACCESS PANEL
- <sup>6</sup> 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.

## **RCP GENERAL NOTES:**

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- 4. THE GENERAL CONTRACTOR SHALL SEPARATE DISSIMILAR METALS WITH BUILDING PAPER OR PLASTIC SHIM.
- 5. THE GENERAL CONTRACTOR SHALL X-RAY AND/OR ULTRASOUND THE EXISTING CONCRETE FLOORS FOR ANY POSSIBLE EMBEDDED CONDUITS, STRUCTURAL REBAR OR UNFORESEEN CONDITION THAT IS OUTSIDE THE SCOPE OF WORK AND MIGHT IMPEDE THE ANCHORING OF EQUIPMENT OR CONFLICT WITH TRENCHING PRIOR TO CONSTRUCTION.
- 6. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
- 7. CONTRACTOR STAGING TO BE IN THE ROOMS UNDER REMODEL.
- 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.10. CEILING HEIGHTS TO MATCH EXISITNG UNLESS OTHERWISE NOTED (NOT
- LESS THAN 8'-0") 11. REFER TO SHEET A5-60 AND A5-70 FOR CEILING DETAILS.
- 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 AIRRETURN 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
- In CHIME STROBE



<sup>2</sup> 5151 Shoreham Place, Suite 100 San Diego, CA 92122

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## TCMC PHARMACY RETAIL ROOM

## TRI-CITY MEDICAL CENTER

4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056

OWNER	R: TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411	^
ARCHIT	ECT: SFEIR ARCHITECTS 5151 SHOREHAM PLACE, SUITE SAN DIEGO, CALIFORNIA 92122 TEL(619)299-3917 FAX(619)299-5	
STRUCI	TURAL: SUN STRUCTURAL ENGINEERING 2091 LAS PALMAS DRIVE, SUITE CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188	•
ME&P:	P2S 9665 CHESAPEAKE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347	
STATE	SED ARCH MICHEN Nol C 28543 70 + Nol C 28543 70 + FOF CALFORNIT OSHPD COMMENTS	7/19/2017
	DESIGN CHANGES	8/18/2017 8/28/2017
REV:	DESCRIPTION:	DATE:

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

CONSULTANT

## 1/4" PARTIAL NEW - RCP FIRST FLOOR PLAN

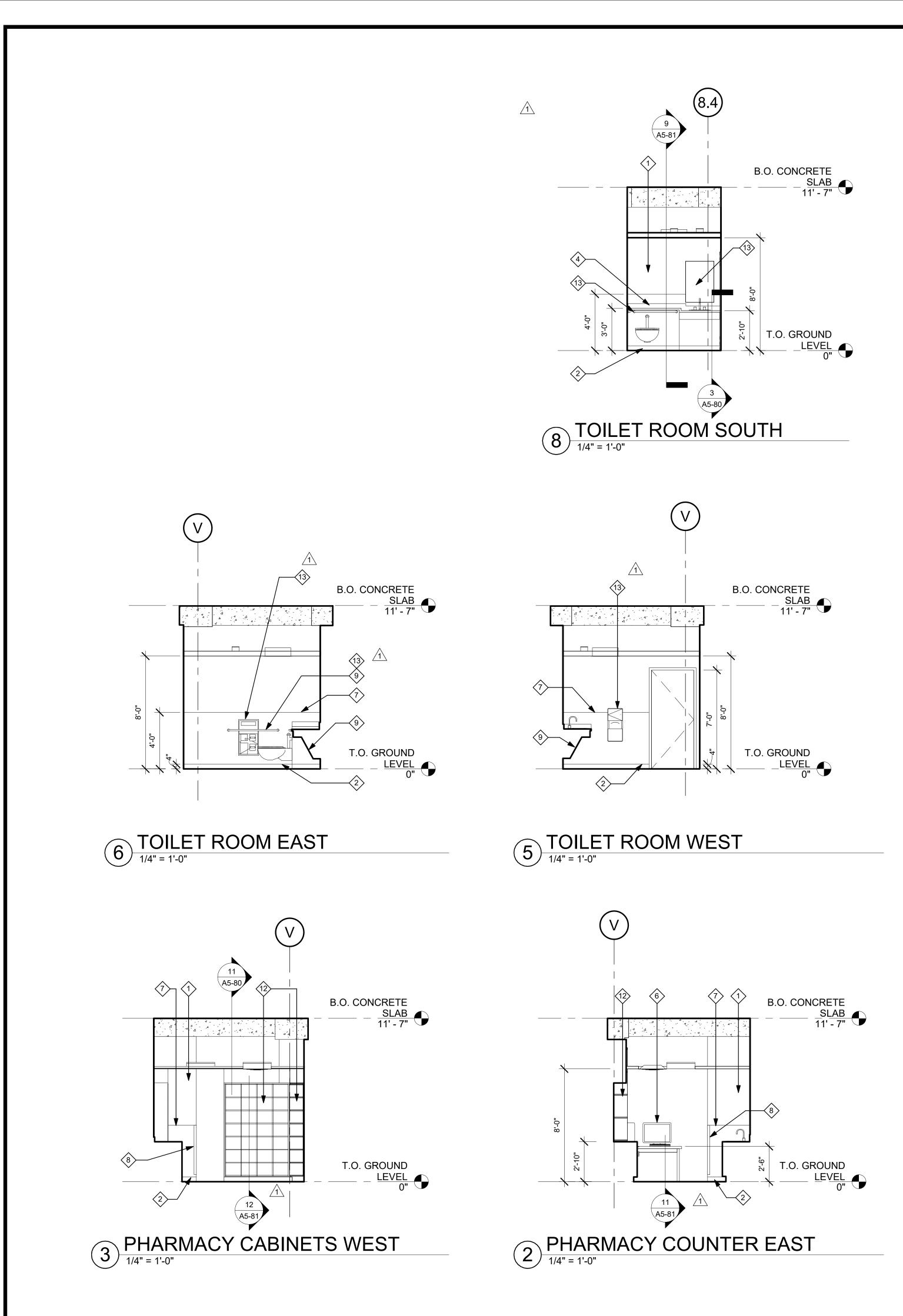
SHEET NUMBER:

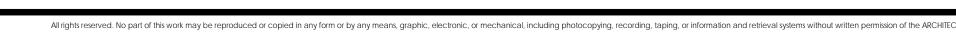
PROJECT TITLE: TCMC PHARMACY RETAIL ROOM

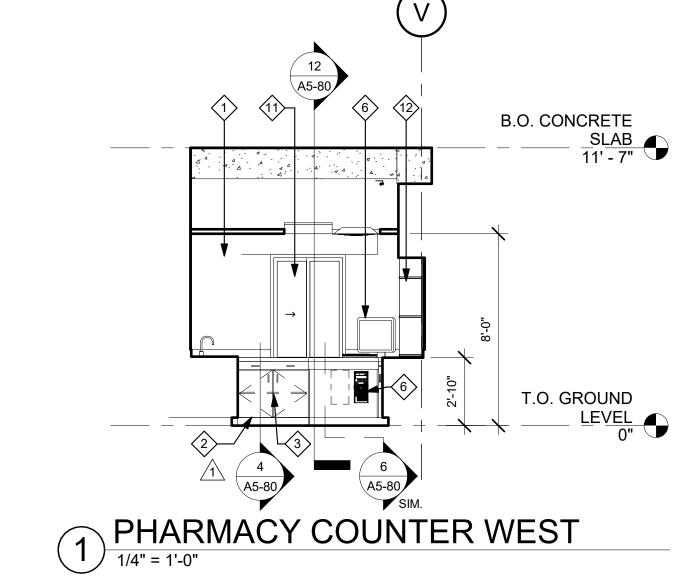
PROJECT #: 01641.00 DRAWN BY: Author CHECKED BY: Checker SCALE: As indicated

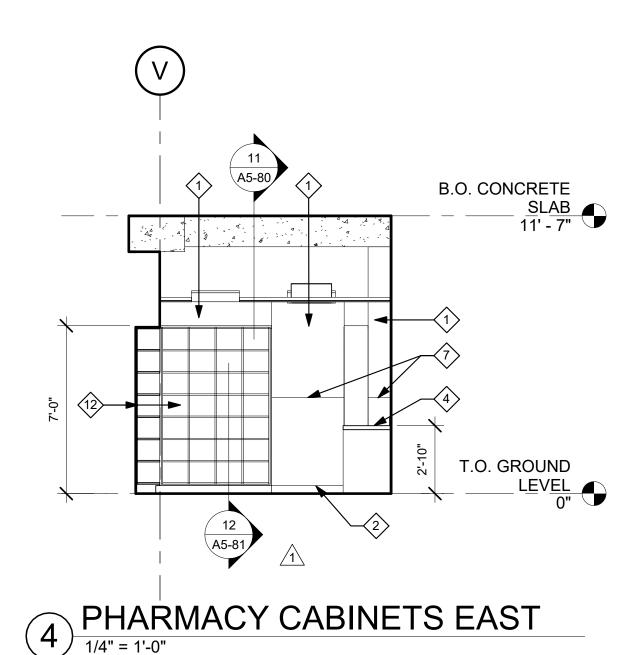
DATE: 06/26/2017

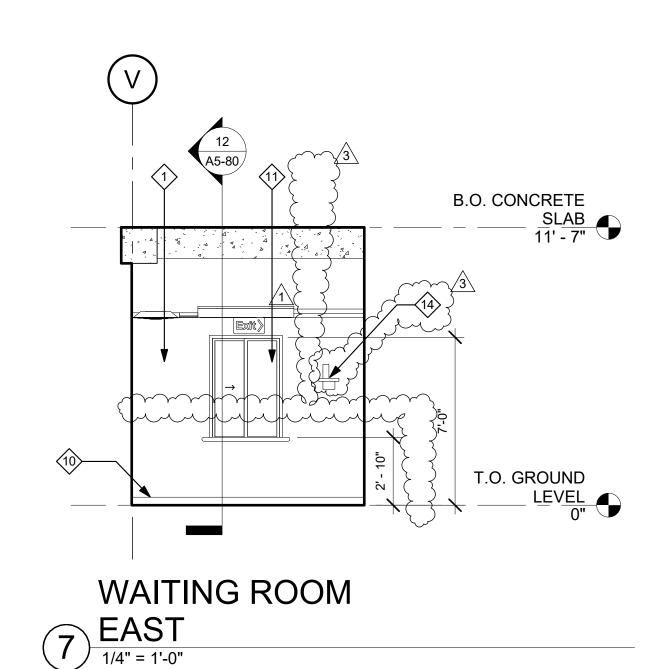
A4-30











- 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.

## LEGEND:

(1) REFER TO EQUIPMENT SCHEDULE.

NOTES

## CASEWORK LEGEND:

### CASE ID NUMBER

D100C24

HEIGHT

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

#### OUTLET DESCRIPTION

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

#### GENERAL NOTES:

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

## **ELEVATION KEYNOTES:**

- PRIME AND PAINT.
- NEW 4" SHEET VINYL COVE BASE.
- NEW BASE CABINETS.
- NEW SOLID SURFACE COUNTERTOP AND BACKSPLASH.
- √5 NEW LAVATORY. SEE PLUMBING DRAWINGS.
- **NEW EQUIPMENT. SEE EQUIPMENT SCHEDULE.**
- > NEW 4'-0" HIGH ACROVYN WAINSCOAT.
- NEW 4'-0" HIGH CORNER GUARD , 2X2.
- REFER TO SHEET A1-02 FOR COMPLIANCE CLEARANCES.
- 4" RUBBER BASE TO MATCH EXISTING.
- ALUMINUM SLIDING TRANSACTION WINDOW.
- NEW SHELF.
- (13) RESTROOM ACCESSORIES REFER TO 1/A1-02.

REINSTALL WIRELESS PHONE.



<sup>2</sup> 5151 Shoreham Place, Suite 100 San Diego, CA 92122

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## TCMC PHARMACY RETAIL ROOM

## TRI-CITY MEDICAL CENTER 4002 VISTA WAY

OCEANSIDE, CALIFORNIA 92056

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	9665 CHESAPEAKE, SUITE 230 SAN DIEGO, CALIFORNIA 92123	
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TURAL:	SUN STRUCTURAL ENGINEERING, I 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011	NC.
	TEL(619)299-3917 FAX(619)299-5084	4
TECT:	SFEIR ARCHITECTS 5151 SHOREHAM PLACE, SUITE 100 SAN DIEGO, CALIEORNIA 92122	/1∖
	OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411	^
R:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY	
		4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411 IECT: SFEIR ARCHITECTS 5151 SHOREHAM PLACE, SUITE 100 SAN DIEGO, CALIFORNIA 92122 TEL(619)299-3917 FAX(619)299-5084 TURAL: SUN STRUCTURAL ENGINEERING, I 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188 P2S 9665 CHESAPEAKE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347

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

## 1/4" INTERIOR ELEVATIONS

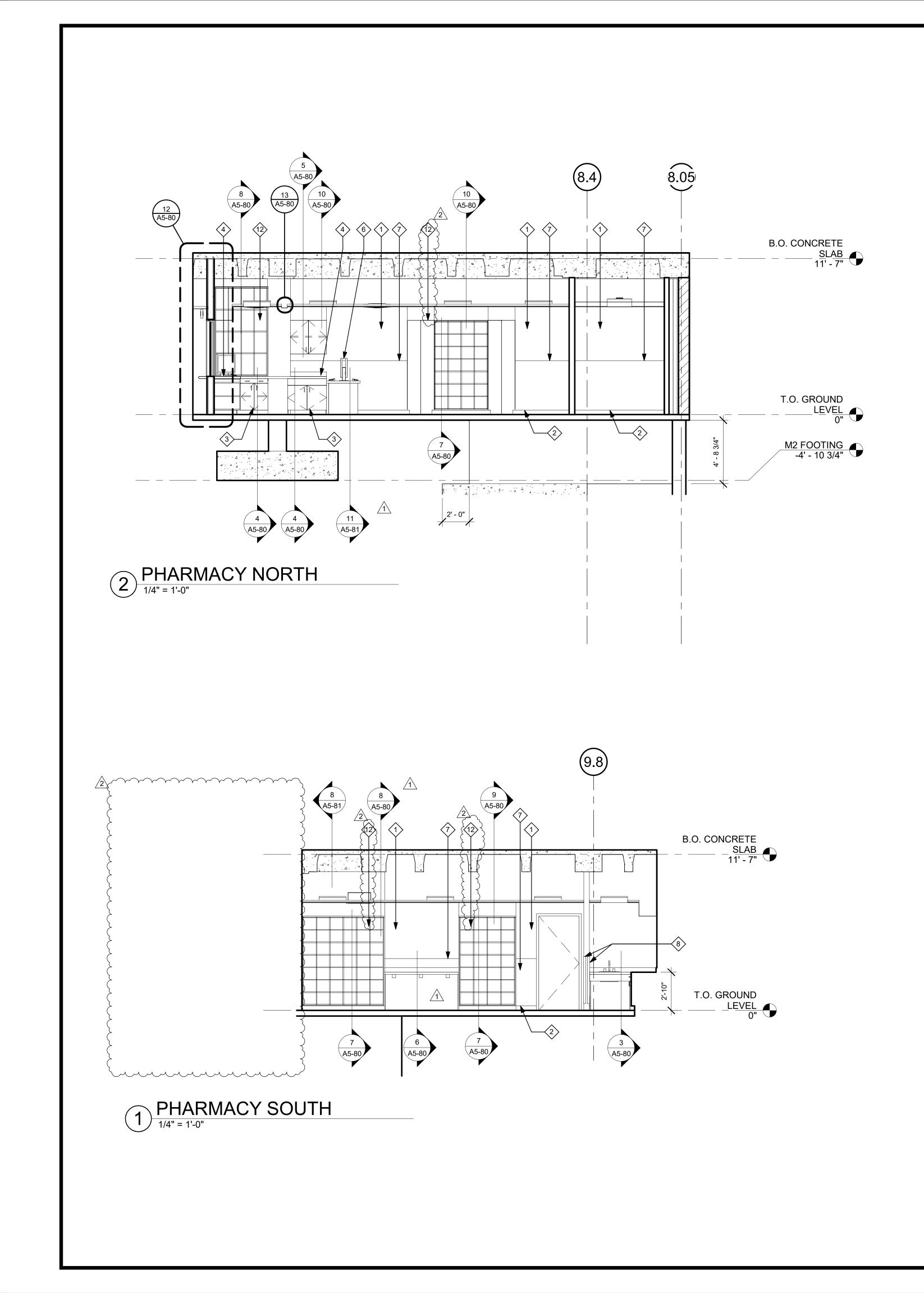
SHEET NUMBER:

PROJECT TITLE: TCMC PHARMACY RETAIL ROOM

PROJECT #: 01641.00 DRAWN BY: Author CHECKED BY: Checker SCALE: As indicated

DATE: 06/26/2017

A4-40



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

(1i) REFER TO EQUIPMENT SCHEDULE.

$\langle 1 \rangle$	NOTES
$\sim$	NOTEO

## CASEWORK LEGEND:

#### CASE ID NUMBER

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

#### OUTLET DESCRIPTION

А	-	MEDICAL COMPRESSED AIR		N
С	-	CODE BLUE		N
D	-	DATA		С
DP	-	DICTAPHONE		Р
DS	-	DIMMER SWITCH	S	- 3
Е	-	DUPLEX ELECT. OUTLET		Т
F	-	FAX MACHINE		Т
IC	-	INTERCOM		Т
J	-	JUNCTION BOX		V

	Ν	-	NURSE CALL
	NO	-	NITROUS OXIDE
	0	-	OXYGEN
	PS	-	NURSE CALL PULL STATION
_	SV	νіт	CH
	Т	-	TELEPHONE
	Ť	-	TASKLIGHT
	τv	-	TELEVISION
	v	_	VACUUM
	v	_	VOLUME CONTROL
	VS	-	VACUUM SLIDE
	v3	-	VACUUM SLIDE

<u>HEIGHT</u>

#### GENERAL NOTES:

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- 6. ALL CABINET DOORS AND DRAWERS SHALL HAVE PULLS. UPPER AND LOWER CABINET DOORS AND FULL HEIGHT CABINETS SHALL HAVE PULLS MOUNTED VERTICALLY. DRAWERS SHALL HAVE HORIZONTAL PULLS.
- 7. ALL FILE DRAWERS SHALL BE SIZED FOR 8 1/2"x 11" FORMS. PROVIDE FILE RODS EXTENDING FRONT TO BACK OF DRAWER UNIT, TYPICAL
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- 9. REFER TO DETAILS 1 & 2 ON SHEET A5-80 FOR WALL CABINET ANCHORAGE/ BACKING TRACK CONNECTION.
- 10. GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS OF ROUGH OPENINGS AND COORDINATE W/OWNER FOR ALL EQUIPMENT CLEARANCES PRIOR TO PREPARING SHOP DRAWINGS AND FABRICATION.

## **ELEVATION KEYNOTES:**

- (1) PRIME AND PAINT.
- NEW 4" SHEET VINYL COVE BASE.
- NEW BASE CABINETS.
- (A) NEW SOLID SURFACE COUNTERTOP AND BACKSPLASH.
- $\sqrt{5}$  NEW LAVATORY. SEE PLUMBING DRAWINGS.
- $\stackrel{\scriptstyle }{\langle 6 \rangle}$  NEW EQUIPMENT. SEE EQUIPMENT SCHEDULE.
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- 4" RUBBER BASE TO MATCH EXISTING.
- $\dot{\langle 1 \rangle}$  ALUMINUM SLIDING TRANSACTION WINDOW.
- NEW SHELF.
- (13) RESTROOM ACCESSORIES REFER TO 1/A1-02. (14) REINSTALL WIRELESS PHONE.

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

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## TCMC PHARMACY RETAIL ROOM

## TRI-CITY MEDICAL CENTER 4002 VISTA WAY

OCEANSIDE, CALIFORNIA 92056

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	9665 CHESAPEAKE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347	
ME&P:	TEL(760)438-1188 P2S	
STRUCTURAL:	2091 LAS PALMAS DRIVE, SUITE CARLSBAD, CALIFORNIA 92011	
ARCHITECT:	SFEIR ARCHITECTS 5151 SHOREHAM PLACE, SUITE SAN DIEGO, CALIFORNIA 92122 TEL(619)299-3917 FAX(619)299-5	
	OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411	

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

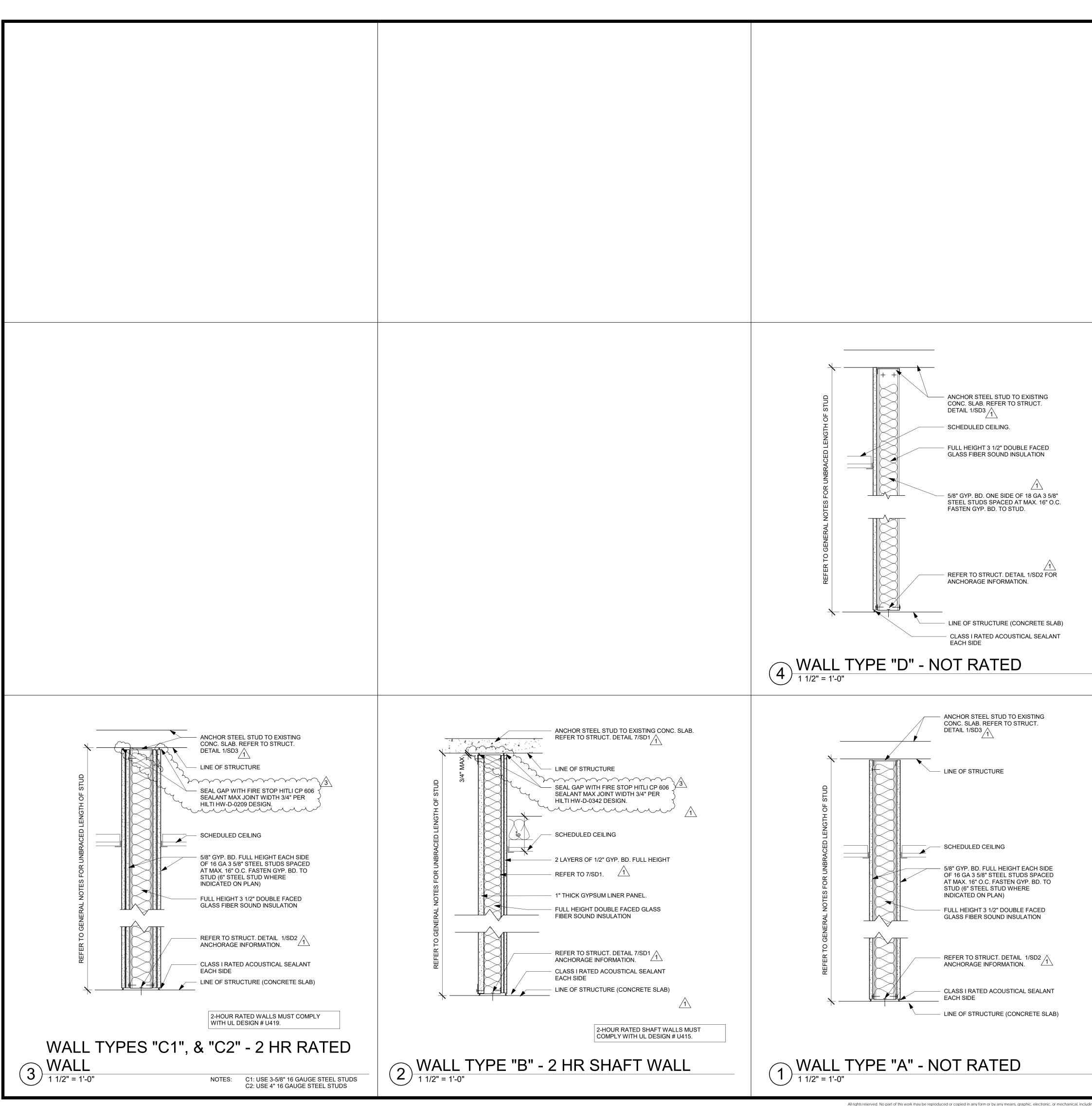
## 1/4" INTERIOR ELEVATIONS

SHEET NUMBER:

PROJECT TITLE: TCMC PHARMACY RETAIL ROOM

PROJECT #: 01641.00 DRAWN BY: Author CHECKED BY: Checker SCALE: As indicated

06/26/2017



- 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.

## GENERAL NOTES FOR PARTITIONS:

- ALL GYP. BOARD SHALL BE TYPE 'X'. REFER TO FLOOR PLAN FOR LOCATION OF WALL TYPES.
   REFER TO THE INTERIOR DESIGN SHEET AND RELATED DETAILS FOR FINISHES
- REQUIRED AND TO THE MANUFACTURER FOR SURFACE PREP. REQUIREMENTS.
  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.

ARCHITECTS

<sup>2</sup> 5151 Shoreham Place, Suite 100 San Diego, CA 92122

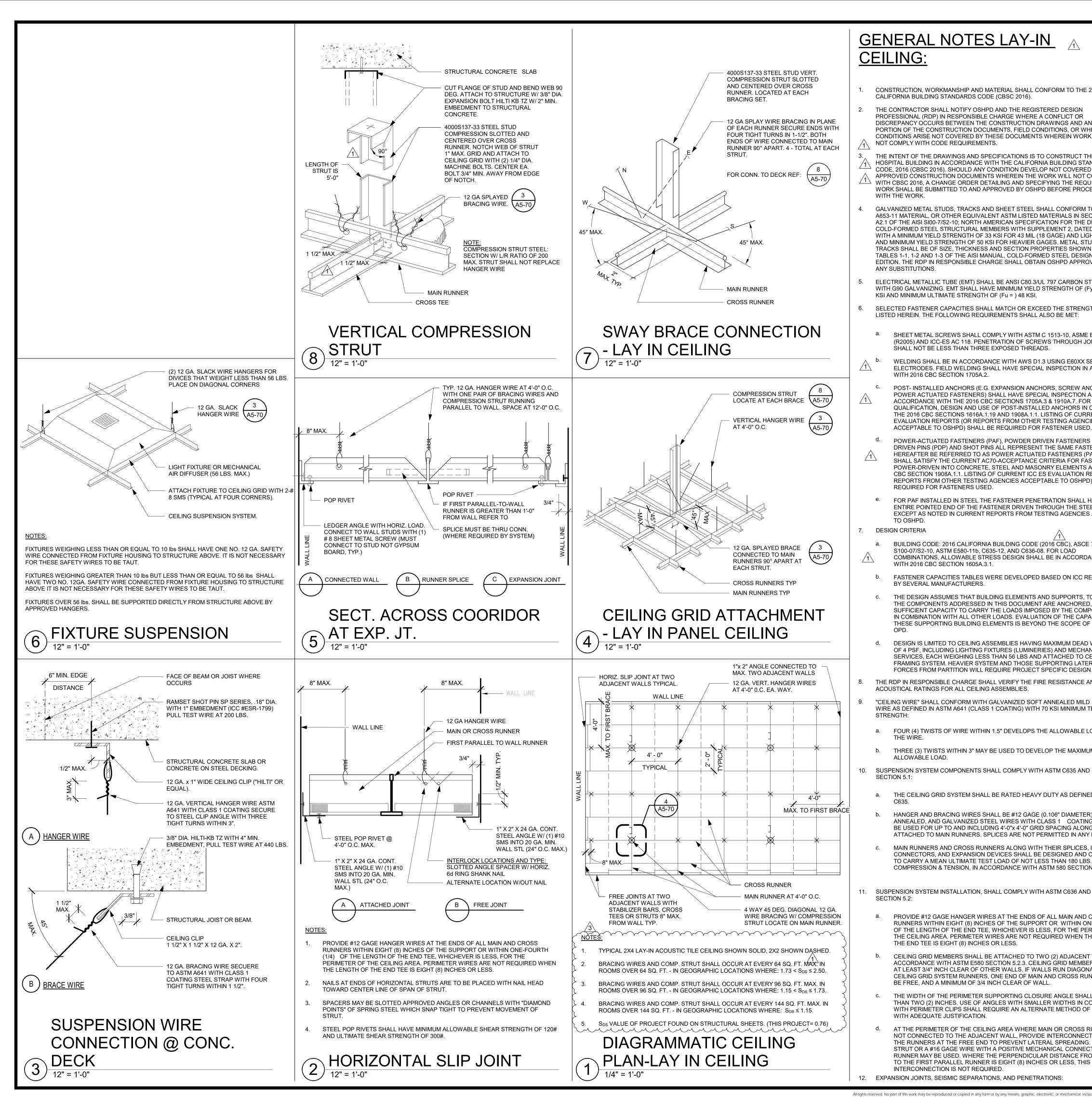
P: 619-299-3917 F: 619-299-5084 www.sfeirarch.com

## 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 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
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/	STATE OF O	CALIFORNIA
		OMMENTS 7/19/2017 2HANGES 8/18/2017 OMMENTS 8/28/2017 
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## GENERAL NOTES LAY-IN **CEILING**:

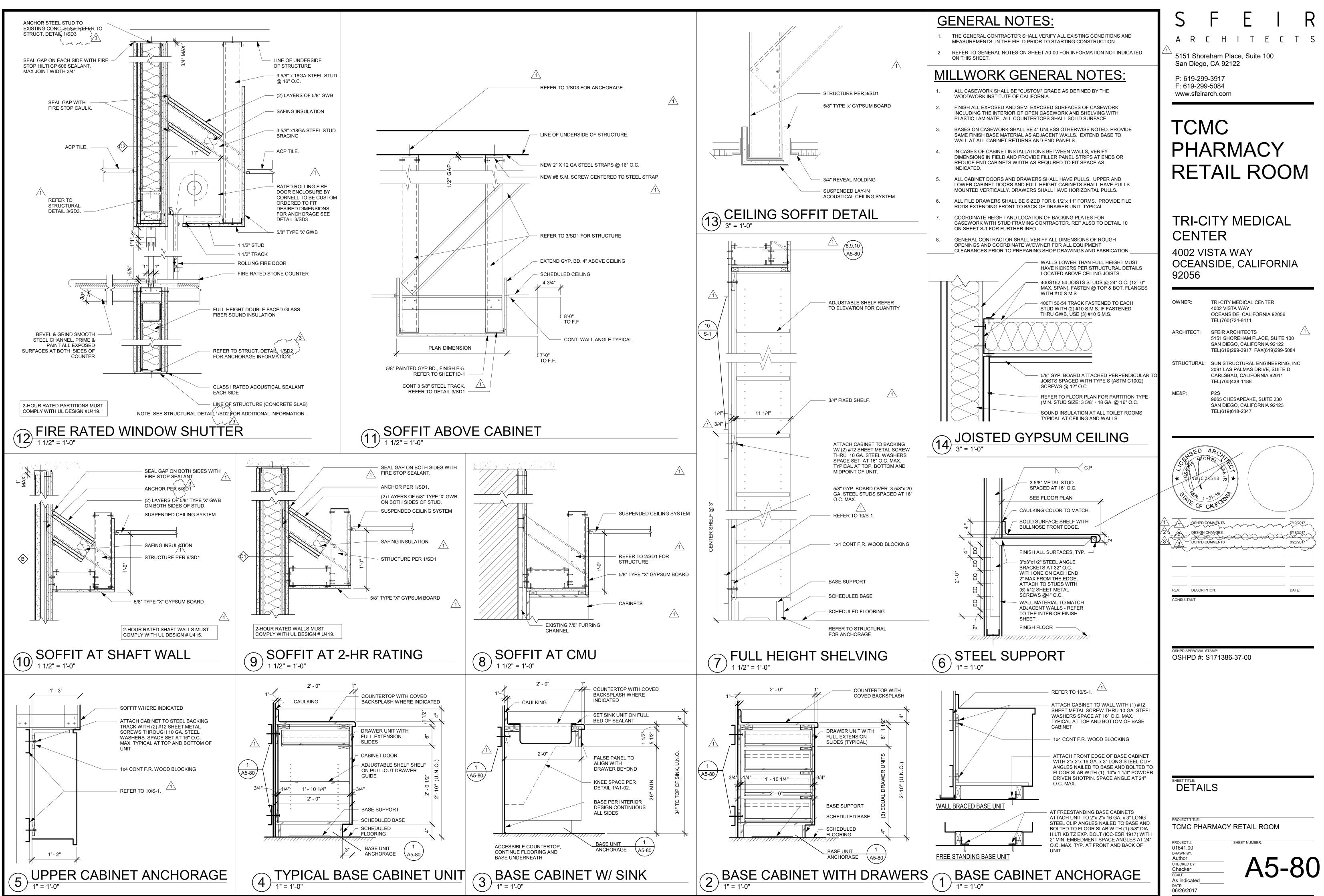
- 1. CONSTRUCTION, WORKMANSHIP AND MATERIAL SHALL CONFORM TO THE 20 CALIFORNIA BUILDING STANDARDS CODE (CBSC 2016).
- THE CONTRACTOR SHALL NOTIFY OSHPD AND THE REGISTERED DESIGN PROFESSIONAL (RDP) IN RESPONSIBLE CHARGE WHERE A CONFLICT OR DISCREPANCY OCCURS BETWEEN THE CONSTRUCTION DRAWINGS AND AN PORTION OF THE CONSTRUCTION DOCUMENTS, FIELD CONDITIONS, OR WHE CONDITIONS ARISE NOT COVERED BY THESE DOCUMENTS WHEREIN WORK NOT COMPLY WITH CODE REQUIREMENTS.

THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO CONSTRUCT THE HOSPITAL BUILDING IN ACCORDANCE WITH THE CALIFORNIA BUILDING STANI CODE, 2016 (CBSC 2016). SHOULD ANY CONDITION DEVELOP NOT COVERED APPROVED CONSTRUCTION DOCUMENTS WHEREIN THE WORK WILL NOT CO WITH CBSC 2016, A CHANGE ORDER DETAILING AND SPECIFYING THE REQUI WORK SHALL BE SUBMITTED TO AND APPROVED BY OSHPD BEFORE PROCE WITH THE WORK.

- GALVANIZED METAL STUDS, TRACKS AND SHEET STEEL SHALL CONFORM TO A653-11 MATERIAL, OR OTHER EQUIVALENT ASTM LISTED MATERIALS IN SEC A2.1 OF THE AISI SI00-7/S2-10; NORTH AMERICAN SPECIFICATION FOR THE DE COLD-FORMED STEEL STRUCTURAL MEMBERS WITH SUPPLEMENT 2, DATED WITH A MINIMUM YIELD STRENGTH OF 33 KSI FOR 43 MIL (18 GAGE) AND LIGH AND MINIMUM YIELD STRENGTH OF 50 KSI FOR HEAVIER GAGES. METAL STUD TRACKS SHALL BE OF SIZE, THICKNESS AND SECTION PROPERTIES SHOWN TABLES 1-1, 1-2 AND 1-3 OF THE AISI MANUAL, COLD-FORMED STEEL DESIGN, EDITION. THE RDP IN RESPONSIBLE CHARGE SHALL OBTAIN OSHPD APPROV ANY SUBSTITUTIONS.
- ELECTRICAL METALLIC TUBE (EMT) SHALL BE ANSI C80.3/UL 797 CARBON STE WITH G90 GALVANIZING. EMT SHALL HAVE MINIMUM YIELD STRENGTH OF (Fy KSI AND MINIMUM ULTIMATE STRENGTH OF (Fu = ) 48 KSI.
- SELECTED FASTENER CAPACITIES SHALL MATCH OR EXCEED THE STRENGT LISTED HEREIN. THE FOLLOWING REQUIREMENTS SHALL ALSO BE MET:
- SHEET METAL SCREWS SHALL COMPLY WITH ASTM C 1513-10, ASME B (R2005) AND ICC-ES AC 118. PENETRATION OF SCREWS THROUGH JOIN SHALL NOT BE LESS THAN THREE EXPOSED THREADS.
- WELDING SHALL BE IN ACCORDANCE WITH AWS D1.3 USING E60XX SE ELECTRODES. FIELD WELDING SHALL HAVE SPECIAL INSPECTION IN AC WITH 2016 CBC SECTION 1705A.2.
- POST- INSTALLED ANCHORS (E.G. EXPANSION ANCHORS, SCREW ANC POWER ACTUATED FASTENERS) SHALL HAVE SPECIAL INSPECTION AN ACCORDANCE WITH THE 2016 CBC SECTIONS 1705A.3 & 1910A.7. FOR QUALIFICATION, DESIGN AND USE OF POST-INSTALLED ANCHORS IN C THE 2016 CBC SECTIONS 1616A.1.19 AND 1908A.1.1. LISTING OF CURRE EVALUATION REPORTS (OR REPORTS FROM OTHER TESTING AGENCIE ACCEPTABLE TO OSHPD) SHALL BE REQUIRED FOR FASTENER USED.
- POWER-ACTUATED FASTENERS (PAF), POWDER DRIVEN FASTENERS ( DRIVEN PINS (PDP) AND SHOT PINS ALL REPRESENT THE SAME FASTE HEREAFTER BE RÉFERRED TO AS POWER ACTUATED FASTENERS (PAR SHALL SATISFY THE CURRENT AC70-ACCEPTANCE CRITERIA FOR FAS POWER-DRIVEN INTO CONCRETE, STEEL AND MASONRY ELEMENTS AN CBC SECTION 1908A.1.1. LISTING OF CURRENT ICC ES EVALUATION RE REPORTS FROM OTHER TESTING AGENCIES ACCEPTABLE TO OSHPD) REQUIRED FOR FASTENERS USED.
- FOR PAF INSTALLED IN STEEL THE FASTENER PENETRATION SHALL HA ENTIRE POINTED END OF THE FASTENER DRIVEN THROUGH THE STEE EXCEPT AS NOTED IN CURRENT REPORTS FROM TESTING AGENCIES A TO OSHPD.
- 7. DESIGN CRITERIA BUILDING CODE: 2016 CALIFORNIA BUILDING CODE (2016 CBC), ASCE 7 S100-07/S2-10, ASTM E580-11b, C635-12, AND C636-08. FOR LOAD COMBINATIONS, ALLOWABLE STRESS DESIGN SHALL BE IN ACCORDAN WITH 2016 CBC SECTION 1605A.3.1.
- FASTENER CAPACITIES TABLES WERE DEVELOPED BASED ON ICC REP BY SEVERAL MANUFACTURERS.
- THE DESIGN ASSUMES THAT BUILDING ELEMENTS AND SUPPORTS, TO THE COMPONENTS ADDRESSED IN THIS DOCUMENT ARE ANCHORED. SUFFICIENT CAPACITY TO CARRY THE LOADS IMPOSED BY THE COMPO IN COMBINATION WITH ALL OTHER LOADS. EVALUATION OF THE CAPAC THESE SUPPORTING BUILDING ELEMENTS IS BEYOND THE SCOPE OF
- DESIGN IS LIMITED TO CEILING ASSEMBLIES HAVING MAXIMUM DEAD W OF 4 PSF. INCLUDING LIGHTING FIXTURES (LUMINERIES) AND MECHAN SERVICES, EACH WEIGHING LESS THAN 56 LBS AND ATTACHED TO CE FRAMING SYSTEM. HEAVIER SYSTEM AND THOSE SUPPORTING LATER FORCES FROM PARTITION WILL REQUIRE PROJECT SPECIFIC DESIGN.
- THE RDP IN RESPONSIBLE CHARGE SHALL VERIFY THE FIRE RESISTANCE AN ACOUSTICAL RATINGS FOR ALL CEILING ASSEMBLIES.
- "CEILING WIRE" SHALL CONFORM WITH GALVANIZED SOFT ANNEALED MILD S WIRE AS DEFINED IN ASTM A641 (CLASS 1 COATING) WITH 70 KSI MINIMUM TE STRENGTH
- FOUR (4) TWISTS OF WIRE WITHIN 1.5" DEVELOPS THE ALLOWABLE LOA THE WIRE.
- THREE (3) TWISTS WITHIN 3" MAY BE USED TO DEVELOP THE MAXIMUM ALLOWABLE LOAD.
- SUSPENSION SYSTEM COMPONENTS SHALL COMPLY WITH ASTM C635 AND E SECTION 5.1:
- THE CEILING GRID SYSTEM SHALL BE RATED HEAVY DUTY AS DEFINED C635.
- HANGER AND BRACING WIRES SHALL BE #12 GAGE (0.106" DIAMETER) ANNEALED, AND GALVANIZED STEEL WIRES WITH CLASS 1 COATING BE USED FOR UP TO AND INCLUDING 4'-0" X 4'-0" GRID SPACING ALONG ATTACHED TO MAIN RUNNERS. SPLICES ARE NOT PERMITTED IN ANY I
- MAIN RUNNERS AND CROSS RUNNERS ALONG WITH THEIR SPLICES, IN CONNECTORS, AND EXPANSION DEVICES SHALL BE DESIGNED AND CO TO CARRY A MEAN ULTIMATE TEST LOAD OF NOT LESS THAN 180 LBS. COMPRESSION & TENSION, IN ACCORDANCE WITH ASTM 580 SECTION
- 11. SUSPENSION SYSTEM INSTALLATION, SHALL COMPLY WITH ASTM C636 AND SECTION 5.2:
  - PROVIDE #12 GAGE HANGER WIRES AT THE ENDS OF ALL MAIN AND C RUNNERS WITHIN EIGHT (8) INCHES OF THE SUPPORT OR WITHIN ONE OF THE LENGTH OF THE END TEE, WHICHEVER IS LESS, FOR THE PERI THE CEILING AREA. PERIMETER WIRES ARE NOT REQUIRED WHEN THE THE END TEE IS EIGHT (8) INCHES OR LESS.
- CEILING GRID MEMBERS SHALL BE ATTACHED TO TWO (2) ADJACENT V ACCORDANCE WITH ASTM E580 SECTION 5.2.3. CEILING GRID MEMBERS AT LEAST 3/4" INCH CLEAR OF OTHER WALLS. IF WALLS RUN DIAGONA CEILING GRID SYSTEM RUNNERS, ONE END OF MAIN AND CROSS RUNI BE FREE, AND A MINIMUM OF 3/4 INCH CLEAR OF WALL
- THE WIDTH OF THE PERIMETER SUPPORTING CLOSURE ANGLE SHALL THAN TWO (2) INCHES. USE OF ANGLES WITH SMALLER WIDTHS IN CON WITH PERIMETER CLIPS SHALL REQUIRE AN ALTERNATE METHOD OF ( WITH ADEQUATE JUSTIFICATION.
- AT THE PERIMETER OF THE CEILING AREA WHERE MAIN OR CROSS RU NOT CONNECTED TO THE ADJACENT WALL, PROVIDE INTERCONNECT THE RUNNERS AT THE FREE END TO PREVENT LATERAL SPREADING. STRUT OR A #16 GAGE WIRE WITH A POSITIVE MECHANICAL CONNECT RUNNER MAY BE USED. WHERE THE PERPENDICULAR DISTANCE FROM TO THE FIRST PARALLEL RUNNER IS EIGHT (8) INCHES OR LESS, THIS INTERCONNECTION IS NOT REQUIRED. 12. EXPANSION JOINTS, SEISMIC SEPARATIONS, AND PENETRATIONS:

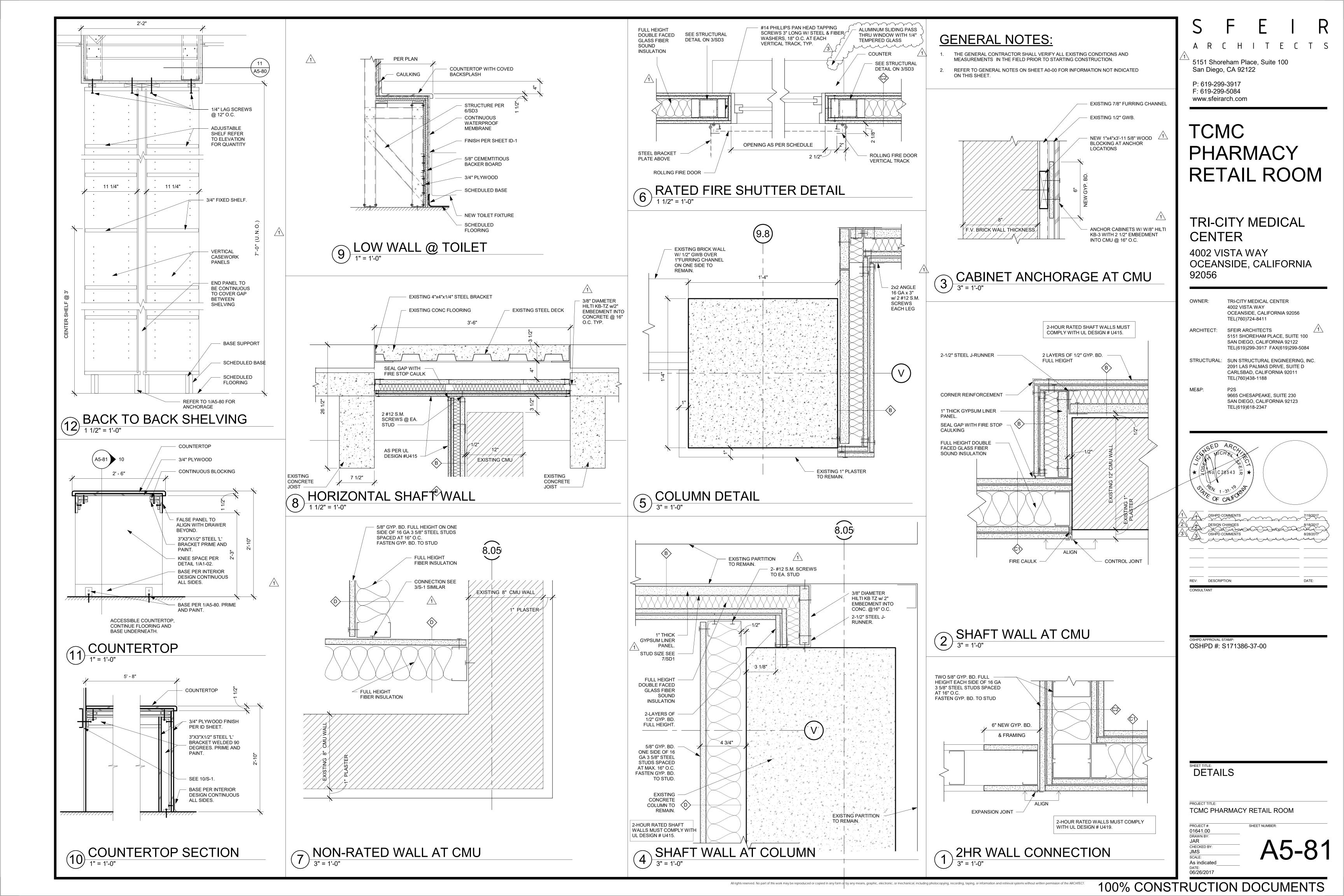
		a. EXPANSION JOINTS SHALL BE PROVIDED IN THE CEILING AT INTERSECTIONS OF CORRIDORS AND AT JUNCTIONS OF CORRIDORS WITH	A R C H I T E C T S
016		<ul> <li>LOBBIES OR OTHER SIMILAR AREAS.</li> <li>b. FOR CEILING AREAS EXCEEDING 2500 SQUARE FEET, A SEISMIC SEPARATION JOINT SHALL BE PROVIDED TO DIVIDE THE CEILING INTO</li> </ul>	5151 Shoreham Place, Suite 100 San Diego, CA 92122
Y OTHER ERE ANY		<ul> <li>AREAS NOT EXCEEDING 2500 SQ. FT.</li> <li>PENETRATIONS THROUGH THE CEILING FOR SPRINKLER HEADS AND OTHER SIMILAR DEVICES THAT ARE NOT INTEGRALLY TIED TO THE CEILING SYSTEM IN THE LATERAL DIRECTION SHALL HAVE A TWO (2) INCH</li> </ul>	P: 619-299-3917 F: 619-299-5084 www.sfeirarch.com
		OVERSIZED RING, SLEEVE OR ADAPTER THROUGH THE CEILING TILE TO ALLOW FREE MOVEMENT OF ONE (1) INCH IN ALL HORIZONTAL DIRECTIONS. A FLEXIBLE SPRINKLER HOSE FITTING THAT CAN ACCOMMODATE ONE (1) INCH OF CEILING MOVEMENT SHALL BE	
- DARD BY THE DMPLY		PERMITTED TO BE USED IN LIEU OF THE OVERSIZED RING, SLEEVE OR ADAPTER. SUCH FLEXIBLE SPRINKLER HOSE SHALL BE ADEQUATELY SUPPORTED FROM SOFFIT SO AS NOT TO EXCEED THE MAXIMUM	
RED EDING	4.0	TRIBUTARY WEIGHT OF THE CEILING.	PHARMACY
DASTM	13.	LATERAL FORCE BRACING: LATERAL FORCE BRACING IS REQUIRED IN ACCORDANCE WITH THIS SECTION	
TION ESIGN OF 2010, ITER DS AND ON		FOR ALL CEILING AREAS, UON. EXCEPTION: LATERAL FORCE BRACING MAY BE OMITTED FOR SUSPENDED ACOUSTICAL CEILING SYSTEMS WITH A CEILING AREA OF 144 SQ. FT. OR LESS, WHEN PERIMETER SUPPORT IN ACCORDANCE WITH ASTM E580 ARE PROVIDED AND PERIMETER WALLS ARE DESIGNED TO CARRY THE CEILING LATERAL	RETAIL ROOM
, 2008 AL FOR EEL		<ul> <li>PROVIDE LATERAL-FORCE BRACING ASSEMBLIES CONSISTING OF A STRUT AND FOUR (4) #12 GAGE BRACING WIRES ORIENTED 90 DEGREES FROM EACH OTHER.</li> </ul>	TRI-CITY MEDICAL
= ) 30 HS		<ul> <li>b. LATERAL-FORCE BRACING ASSEMBLIES SHALL BE SPACED IN ACCORDANCE WITH DETAILS 8/A5-70 &amp; 11/A5-70. FROM EACH WALL AND AT THE EDGES OF ANY CHANGE OF ELEVATION OF THE CEILING.</li> </ul>	CENTER
18.6.4-98		c. THE SLOPE OF BRACING WIRES MAY BE FROM 10 TO 45 DEGREES BUT MAY NOT EXCEED 45 DEGREES FROM THE PLANE OF THE CEILING AND WIRES SHALL BE TAUT.	4002 VISTA WAY OCEANSIDE, CALIFORNIA
NED MATERIAL		d. STRUTS SHALL BE ADEQUATE TO RESIST THE VERTICAL COMPONENT INDUCED BY THE BRACING WIRES, AND SHALL NOT BE MORE THAN 1 (HORIZONTAL) IN 6 (VERTICAL) OUT OF PLUMB.	92056
CCORDANCE	14.	ATTACHMENT OF HANGER AND BRACING WIRES:	OWNER: TRI-CITY MEDICAL CENTER 4002 VISTA WAY
HORS AND ND TESTING IN ONCRETE SEE		a. FASTEN #12 HANGER WIRES WITH NOT LESS THAN THREE (3) TIGHT TURN IN 3 INCHES. HANGER WIRE LOOPS SHALL BE TIGHTLY WRAPPED AND SHARPLY BENT TO PREVENT ANY VERTICAL MOVEMENT OR ROTATION OF THE MEMBER WITHIN THE LOOPS.	ARCHITECT: SFEIR ARCHITECTS
ENT ICC-ES		<ul> <li>FASTEN #12 BRACING WIRES WITH FOUR (4) TIGHT TURNS. MAKE ALL TIGHT TURNS WITHIN A DISTANCE OF 1 1/2" INCHES.</li> </ul>	5151 SHOREHAM PLACE, SUITE 100 SAN DIEGO, CALIFORNIA 92122 TEL(619)299-3917 FAX(619)299-5084
(PDF), POWER NER AND WILL F). PAF'S TENERS		c. HANGER OR BRACING WIRE ANCHORED TO THE STRUCTURE SHOULD BE INSTALLED IN SUCH A MANNER THAT THE DIRECTION OF THE ANCHOR ALIGNS AS CLOSELY AS POSSIBLE WITH THE DIRECTION OF THE WIRE.	STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011
ND THE 2016 PORTS (OR SHALL BE		d. SEPARATE ALL CEILING HANGER AND BRACING WIRES AT LEAST SIX (6) INCHES FROM ALL UNBRACED DUCTS, PIPES CONDUITS, ETC.	TEL(760)438-1188 ME&P: P2S 9665 CHESAPEAKE, SUITE 230
AVE THE EL MEMBER, ACCEPTABLE		e. HANGER WIRES SHALL NOT BE ATTACHED TO OR BEND AROUND INTERFERING MATERIAL OR EQUIPMENT. PROVIDE TRAPEZE OR OTHER SUPPLEMENTARY SUPPORT MEMBERS AT OBSTRUCTIONS TO TYPICAL HANGER SPACING. PROVIDE ADDITIONAL HANGERS, STRUTS OR BRACES AS REQUIRED AT ALL CEILING BREAKS, SOFFITS, OR DISCONTINUOUS AREAS.	SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347
		f. HANGER WIRES THAT ARE MORE THAN 1 (HORIZONTAL) IN 6 (VERTICAL) OUT OF PLUMB SHALL REQUIRE PROJECT SPECIFIC DESIGN.	
7-10, AISI NCE		g. WHEN DRILLED-IN CONCRETE ANCHORS OR PAF ARE USED IN REINFORCED CONCRETE FOR HANGER WIRES, 1 OUT OF 10 WIRE/ ANCHOR ASSEMBLIES SHALL BE FIELD TESTED FOR 200 LBS. IN TENSION. WHEN DRILLED-IN CONCRETE ANCHORS ARE USED FOR PRACING WIRES 4 OUT OF 2	CANSED ARCA
PORTS	15.	CONCRETE ANCHORS ARE USED FOR BRACING WIRES, 1 OUT OF 2 WIRE/ANCHOR ASSEMBLIES SHALL BEFIELD TESTED FOR 440 LBS. CEILING FIXTURES, TERMINALS, AND DEVICES:	$\begin{array}{c} \begin{array}{c} \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} $
) WHICH HAVE DNENTS CITY OF	15.	<ul> <li>a. CEILING PANELS SHALL NOT SUPPORT ANY LIGHT FIXTURES, AIR TERMINALS/GRILLS, OR OTHER DEVICES (REFERRED TO ALL BY COMMON</li> </ul>	OF CALFORNIE
THE VEIGHT		<ul> <li>TERM FIXTURES HERE AFTER).</li> <li>b. ALL FIXTURES SHALL BE MOUNTED IN A MANNER THAT WILL NOT COMPROMISE CEILING PERFORMANCE.</li> </ul>	
ICAL ILING AL		c. ALL FIXTURES SHALL BE ATTACHED TO THE SUSPENDED CEILING SYSTEM BY MECHANICAL MEANS, UNLESS INDEPENDENTLY SUPPORTED. THE ATTACHMENT DEVICE SHALL HAVE THE CAPACITY OF 100% OF FIXTURE	2 DESIGN CHANGES 3 OSHPD COMMENTS 3 SHPD COMMENTS 8/28/2017
ID		<ul><li>WEIGHT ACTING IN ANY DIRECTION. A MINIMUM OF TWO ATTACHMENT DEVICES ARE REQUIRED FOR EACH FIXTURE.</li><li>d. SURFACE MOUNTED FIXTURES SHALL BE ATTACHED TO THE MAIN</li></ul>	
STEEL ENSILE PAD FOR		RUNNER WITH POSITIVE CLAMPING DEVICES MADE OF MATERIAL WITH A MINIMUM 14 GAGE. A NO.12 GAUGE SAFETY WIRES SHALL BE ATTACHED BETWEEN THE CLAMPING DEVICE AND TO THE STRUCTURE ABOVE. IN NO CASE SHALL THE FIXTURES EXCEED THE DESIGN CAPACITY OF THE SUPPORTING MEMBERS.	REV: DESCRIPTION: DATE:
1 50% OF		e. ALL FIXTURES WEIGHING LESS THAN OR EQUAL TO 10 LB. SHALL HAVE ONE NO. 12 GAUGE SAFETY WIRE CONNECTED FROM FIXTURE HOUSING TO STRUCTURE ABOVE. IT IS NOT NECESSARY FOR THESE SAFETY WIRES	
580		TO BE TAUT. f. ALL FIXTURES WEIGHING GREATER THAN 10 LB BUT LESS THAN OR	
) BY ASTM		EQUAL TO 56 LB. SHALL HAVE TWO NO. 12 GAUGE SAFETY WIRE CONNECTED FROM FIXTURE HOUSING TO STRUCTURE ABOVE. IT IS NOT NECESSARY FOR THESE SAFETY WIRES TO BE TAUT.	OSHPD APPROVAL STAMP: OSHPD #: S171386-37-00
, SOFT . THEY MAY		9. ALL FIXTURES WEIGHING GREATER THAN 56 LB. SHALL BE SUPPORTED DIRECTLY FROM STRUCTURE ABOVE BY APPROVED HANGERS.	
AND HANGER WIRE. NTERSECTION ONSTRUCTED		h. PENDENT-HUNG FIXTURES SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE USING NO LESS THAN N0. 9-GAUGE WIRE OR AN APPROVED ALTERNATE SUPPORT. THE CEILING SUSPENSION SYSTEM SHALL NOT PROVIDE ANY DIRECT SUPPORT.	
IN 5.1.2.		i. ALL RECESSED OR DROP-IN FIXTURES SHALL BE SUPPORTED DIRECTLY FROM FIXTURE HOUSING TO THE STRUCTURE ABOVE WITH A MINIMUM OF TWO NO. 12 GAUGE WIRES LOCATED AT DIAGONALLY OPPOSITE	
E580		CORNERS. LEVELING OR POSITIONING OF FIXTURES MAY BE PROVIDED BY CEILING GRID. FIXTURE SUPPORT WIRES MAY BE SLIGHTLY LOOSE TO ALLOW THE FIXTURE TO SEAT IN THE GRID SYSTEM. FIXTURES SHALL NOT BE SUPPORTED FROM MAIN RUNNERS OR CROSS RUNNERS IF THE WEIGHT OF THE FIXTURES CAUSES TOTAL DEAD LOAD TO EXCEED THE	
ROSS E-FOURTH (1/4) IMETER OF	16. A	DEFLECTION CAPABILITY OF THE CEILING SUSPENSION SYSTEM.	
E LENGTH OF		a. CEILINGS THAT ARE PART OF A FIRE RATED ASSEMBLY: PROVIDE A DETAIL AND DESIGN NUMBER FOR RATED CEILING ASSEMBLIES FROM AN	
WALLS, IN S SHALL BE L TO THE NERS SHOULD		APPROVED TESTING AGENCY. THE COMPONENTS AND INSTALLATION DETAILS CONFORM IN EVERY RESPECT WITH THE LISTED DETAIL AND NUMBER. DETAILS SHALL CLEARLY DEPICT ALL COMPONENTS, INCLUDING INSULATION MATERIALS, FRAMING AND ATTACHMENT OF THE DESIGN SO THAT THE ASSEMBLY CAN BE CONSTRUCTED AND INSPECTED	LAY IN CEILING DETAILS
BE NOT LESS NJUNCTION COMPLIANCE		ACCORDINGLY. POP RIVETS, SCREWS, OR OTHER ATTACHMENTS ARE NOT ACCEPTABLE UNLESS SPECIFICALLY DETAILED ON THE DRAWINGS AND APPROVED BY APPROVED TESTING AGENCY.	PROJECT TITLE: TCMC PHARMACY RETAIL ROOM
JNNERS ARE		b. METAL AND OTHER PANELS: METAL PANELS AND PANELS WEIGHING MORE THAN 1/2 PSF, OTHER THAN MINERAL FIBER ACOUSTICAL TILE, ARE TO BE POSITIVELY ATTACHED TO THE CEILING SUSPENSION RUNNERS.	PROJECT #: SHEET NUMBER: 01641.00 DRAWN BY:
A METAL ION TO M THE WALL		c. BUILDING EXIT WAYS: CEILINGS IN EXIT WAYS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 13.5.6.2.2(1) OF ASCE 7-10 AS AMENDED BY 2016 CBC SECTION 1616A.1.20. SPLICES OR INTERSECTION OF RUNNERS SHALL BE ATTACHED WITH THROUGH CONNECTORS SUCH AS POP RIVETS, SCREWS, PINS, PLATES WITH END TABS OR OTHER OSHPD APPROVED CONNECTORS.	ASM CHECKED BY: LA SCALE: As indicated DATE: As indicated
ing photocopying, recordin	a tapina a		

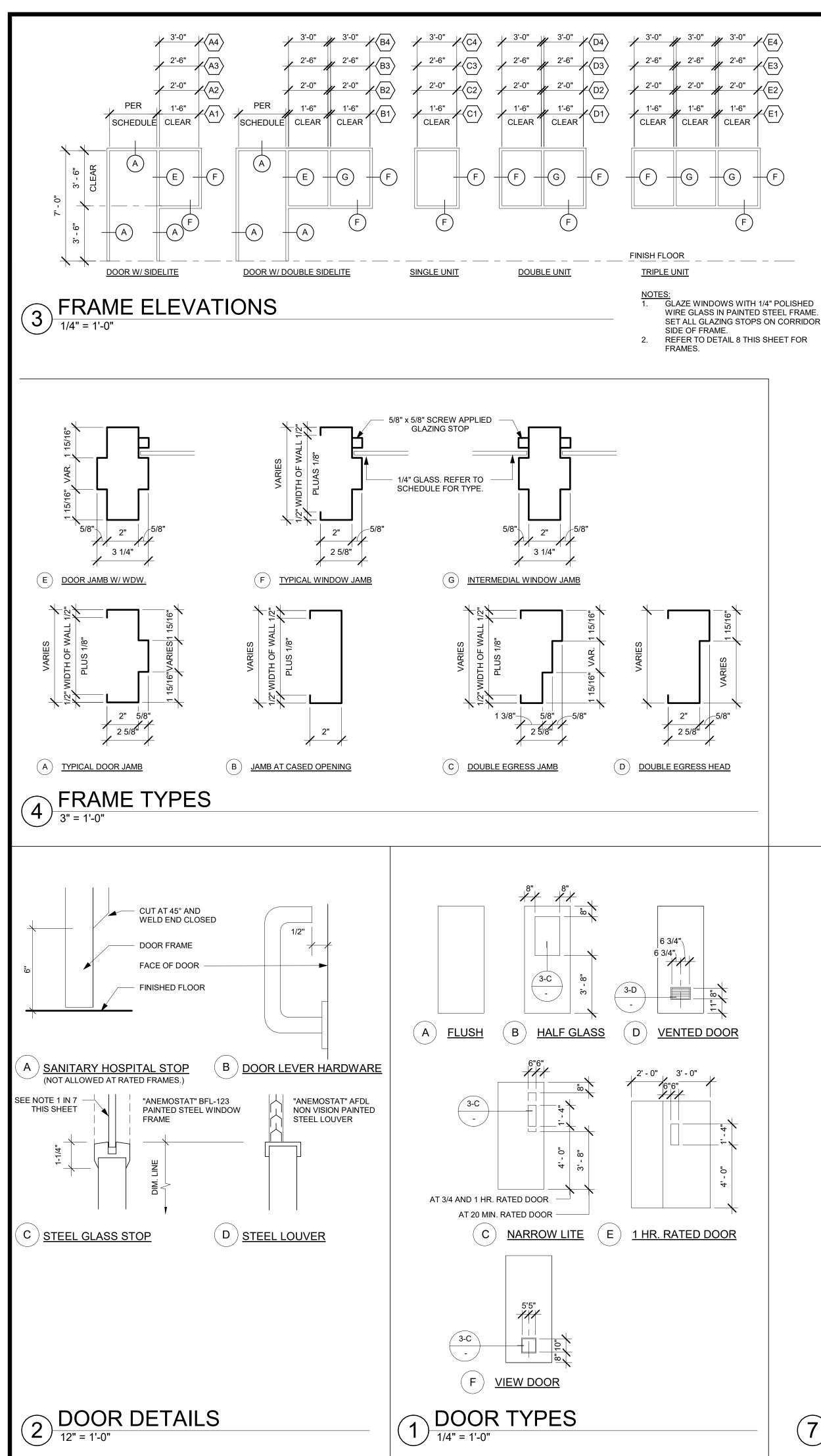
## 100% CONSTRUCTION DOCUMENTS



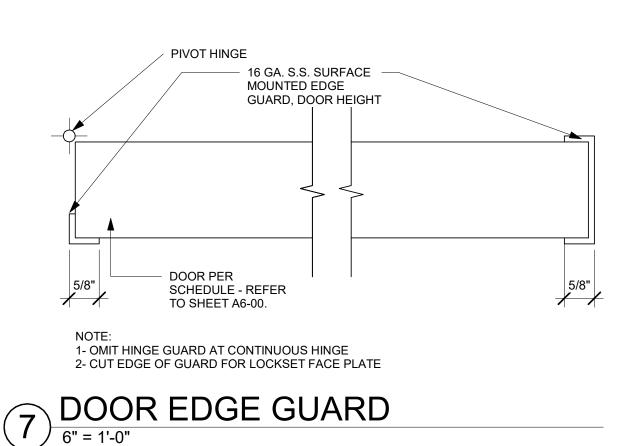
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<sup>100%</sup> CONSTRUCTION DOCUMENTS

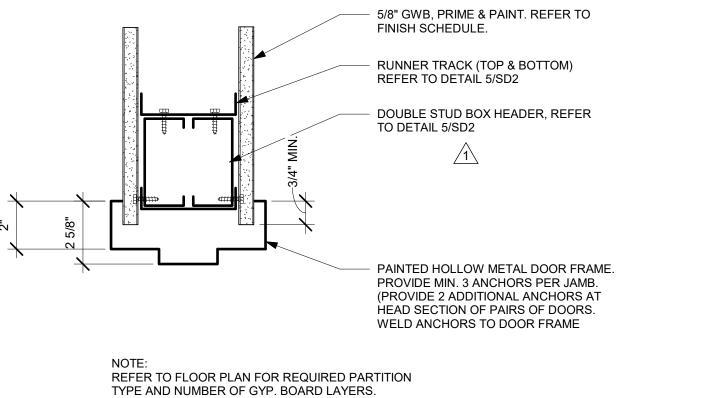




1 15/16"	
VARIES	
N 8/8"	

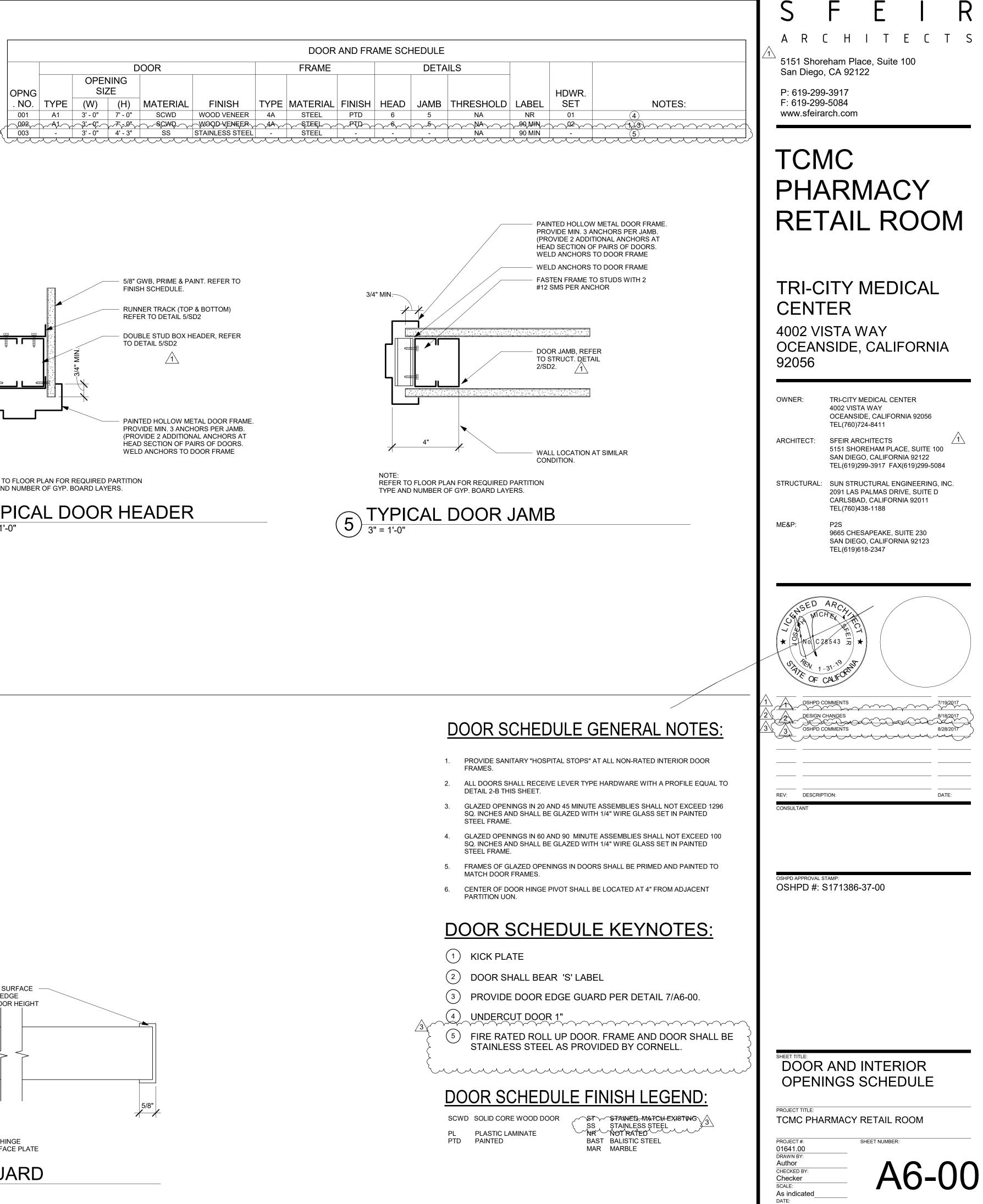


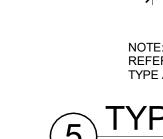
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$\sqrt{3}$	003	-	3' - 0"	4' - 3"	SS	STAINLESS STEEL	-	STEEL	-	-	

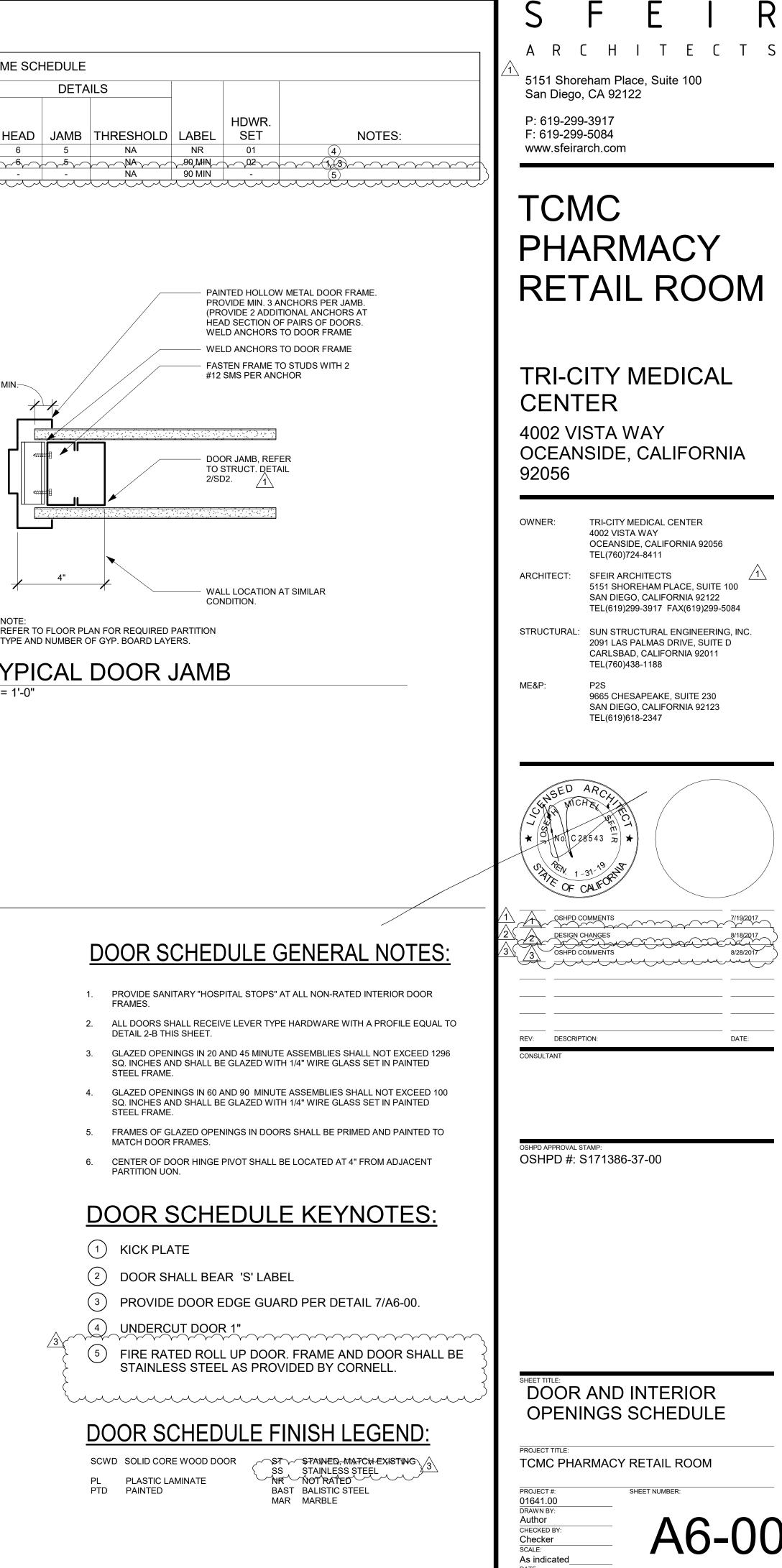


**TYPICAL DOOR HEADER** 

6 IYPI 3" = 1'-0"







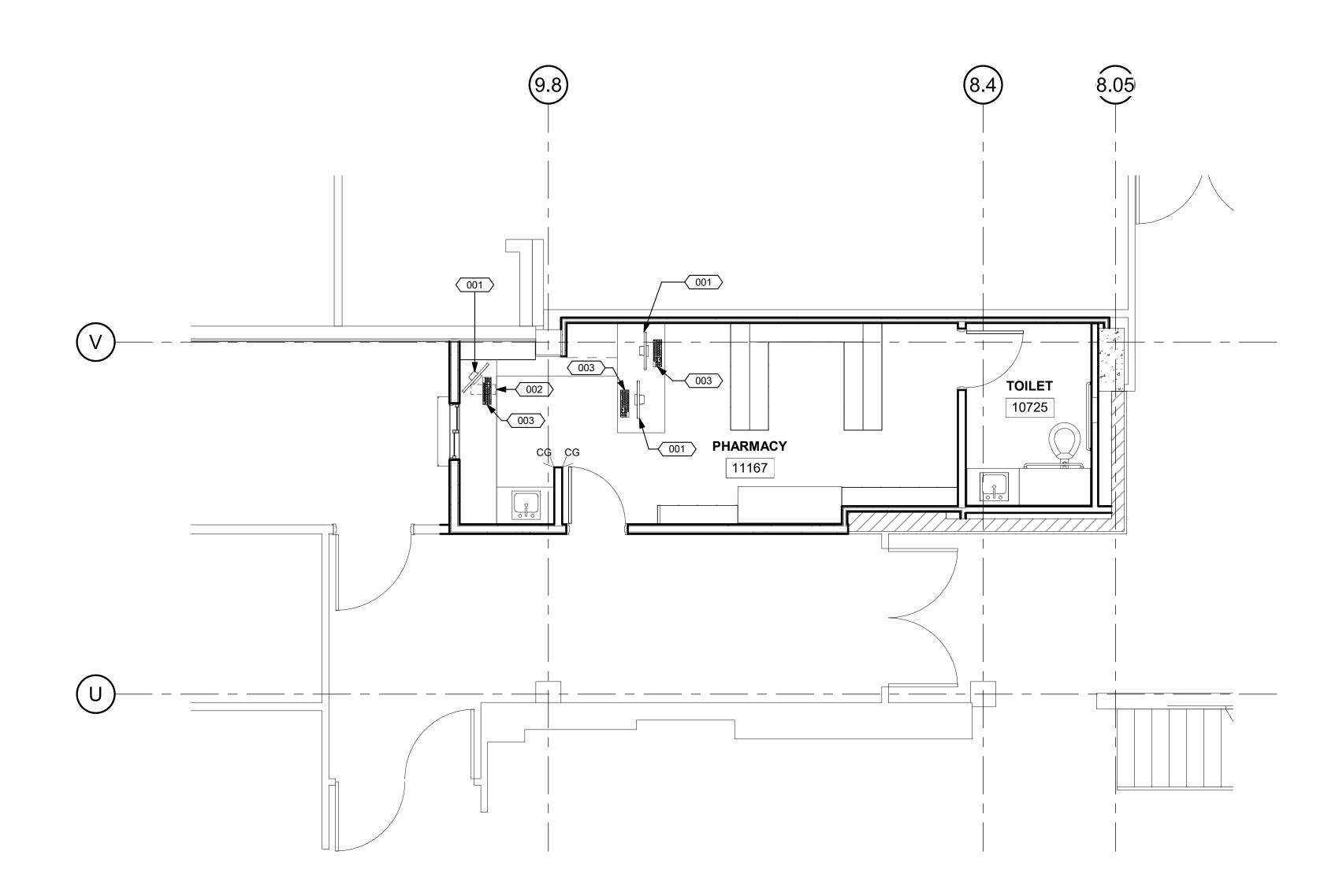
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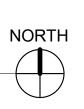
06/26/2017

							S : OWNER PROVIDED SPECIFICATIONS CI : CONTRACTOR FURNISHED, CONTRACTOR INSTALLED						
										OF	°S		
LEVATION	REMARKS	EXIS.	NEW	OFOI	OFCI	CFCI	QUANTITY	VOLTAGE	EMERGENCY POWER	ELECTRICAL LOAD	HEAT LOAD	SIESMIC CALCS	PLUMBING
							3						
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001	CENTRALIZED MONITORING MONITOR										3					
002	CPU										1					
003	KEYBOARD										3					



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

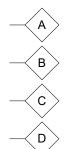


## **GENERAL NOTES:**

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

## 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. SB SB SB INDICATES AN EXISTING 1 HOUR SMOKE BARRIER THICK LINE INDICATES NEW SURFACE FINISH. EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L. LISTED FIRE STOP SYSTEM. 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:

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.



5151 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

	TION:	DATE:
2 DESIGN C	CHANGES	8/18/2017 =
		7/19/2017
STATE OF (	CALFOT	
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C NICI	HE C	
CHUSED MICH	ARCL	
	TEL(619)618-2347	
ME&P:	P2S 9665 CHESAPEAKE, SUITE 230 SAN DIEGO, CALIFORNIA 92123	
	TEL(760)438-1188	
STRUCTURAL:	SUN STRUCTURAL ENGINEERII 2091 LAS PALMAS DRIVE, SUITI CARLSBAD, CALIFORNIA 92011	
	SAN DIEGO, CALIFORNIA 92122 TEL(619)299-3917 FAX(619)299	
ARCHITECT:	SFEIR ARCHITECTS 5151 SHOREHAM PLACE, SUITE	
	TEL(760)724-8411	

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

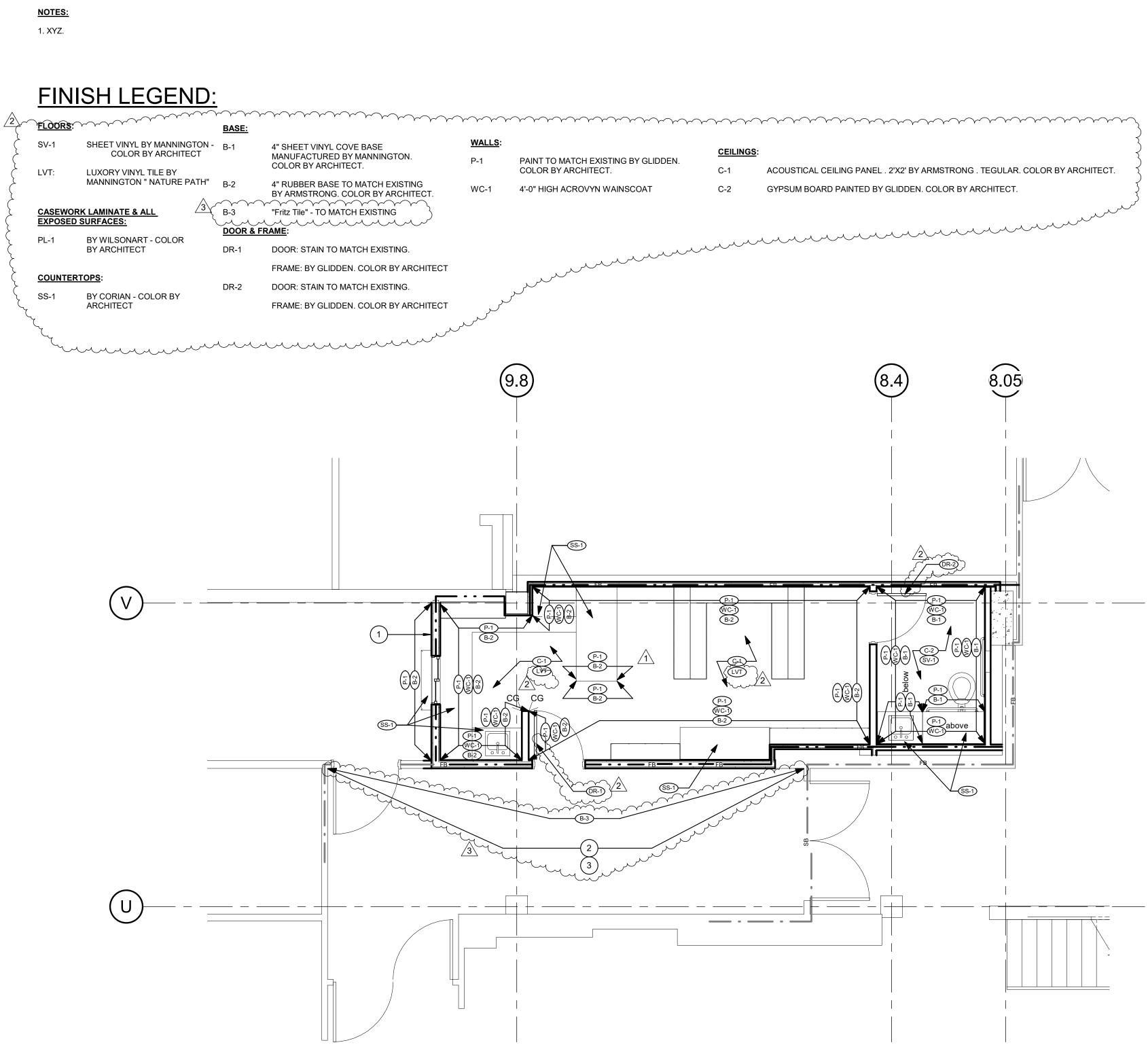
## EQUIPMENT PLAN, DETAILS AND SCHEDULE

SHEET NUMBER:

PROJECT TITLE: TCMC PHARMACY RETAIL ROOM

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

A6-20



## 1 RETAIL PHARMACY NEW FINISHES PLAN NORTH

## I.D. KEYNOTES:

**TRIM CARPET** 

PAINT WALL IN ITS ENTIRITY TO MATCH EXISTING.

REPLACE BASE AND FLOOR TRIM TO MATCH EXISTING "Fritz Tile".

## **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 2
- AND INTALL PER MANUFACTURER'S REQUIREMENTS. REFER TO ENLARGE FLOOR PLANS FOR CORNER GUARDS, 3

CRASH RAIL AND CHAIRD RAIL LOCATONS.

- 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.
- 6. PATCH AND REPAIR EXISTING SUB FLOOR SLAB AS REQUIRED TO PROVIDE A SMOOTH SURFACE FOR NEW FLOORING PER MANUFACTURER'S INSTALLATION REQUIREMENTS. PROVIDE SELF-LEVELING UNDERLAYMENT CONCRETE.
- FLOORING PREPARATION SHALL BE PERFORMED AS REQUIRED 7. BY THE FLOOR FINISH MANUFACTURER IN A MANNER SUCH THAT THE MANUFACTURER'S PRODUCT WARRANTY WILL REMAIN IN EFFECT. IF FIELD CONDITIONS REQURIE VARIATIONS FROM MANUFACTURER'S REQUIREMENTS, THE CONTRACTOR SHALL NOTIFY THE FACILITIES MANAGER IN WRITING DTO RECEIVE INSTRUCTIONS ON HOW TO PROCEED.
- 8. ALL ADHESIVES FOR FINISH MATERIALS SHALL HAVE LOW VOC EMISSIONS. CONTRACTOR SHALL PROVIDE DIRECT VENTILATION TO PREVENT VOC'S OUT GASSING FROM ADHESIVES FROM ENTERING THE BUILDING HVAC SYSTEM AND AFFECTING THE OCCUPANTS OF THE BUILDING.
- CONTRACTOR TO PROVIDE TRANSITIONS BETWEEN FLOORING 9 MATERIALS PER DETAILS ON SHEET A5-90. ALL TRANSITIONS LOCATED UNDER DOORS, TO BE CENTERED UNDER DOOR.
- 10. DOOR SWING: CONTRACTOR SHALL INSTALL ALL NEW FLOORING SUCH THAT IT DOES NOT INTERFERE WITH EXISTING DOORS AND SUCH A WAY THAT EXISTING DOORS DO NOT TOUCH THE SURFACE OF NEW FLOORING. ANY PROBLEMATIC DOORS SHALL BE BROUGHT TO THE ATTENTION FO THE FACILITIES CONSTRUCTION REPRESENTATIVE PRIOR TO FLOORING PREPARATION.
- 11. PERFORM CALCIUM CHLORIDE TEST FOR ALL SLAB SUBFLOORS WHERE SLAB IS NEW, OR ALL EXISTING SLAB ON GRADE LOCATIONS. WHERE EXISTING SLAB IS ABOVE GRADE, CONTRACTOR MAY LIMIT TESTING TO AREAS NEAR A SOURCE OF WATER SUCH AS AROUND PLUMBING LINES, SHOWER STALLS, ROOF DRAINS, ETC. WHERE MOISTURE IN THE SLAB EXCEEDS FINISH MATERIAL'S MANUFACTURER'S RECOMMENDATIONS. REFER TO NOTES ABOVE FOR MANUFACTURER'S WARRANTY REQUIREMENTS.
- 12. CONTRACTOR TO INCLUDE ALLOWANCE FOR CONCRETE SLAB SEALER TO BE FURNISHED AND APPLIED UNDER ALL FLOOR FINISHES ON SLAB ON GRADE.
- 13. CONTRACTOR SHALL VERIFY LEAD TIMES FOR ALL FINISH MATERIALS AND SHALL BE RESPONSIBLE TO HAVE ALL MATERIALS ON THE JOB SITE ON TIME. NO SUBSTITUTIONS SHALL BE MADE DUE TO LATE ORDERING OF MATERIALS.
- 14. CONTINUE ALL FLOOR FINISHES UNDER ALL APPLIANCES AND REMOVABLE CABINETS AND EQUIPMENT.

#### PAINT AND WALL FINISHES:

15. PAINT FINISHES (SHEEN) AS FOLLOWS: WALLS: 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.

- 16. SUBMIT ALL FINISH SAMPLES TO ARCHITECT FOR APPROVAL INCLUDING DRAW DOWNS OF ALL PAINT COLORS IN ALL FINISH TYPES AS USED.
- 17. PAINT ALL ACCESS PANELS TO MATCH ADJ. WALL SURFACE.
- 18. PLASTER FINISH SHALL BE LEVEL FOR WHERE A PAINTED FINISH SURFACE IS SHOWN.

#### **RESILIENT FLOORING:**

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

#### CASEWORK AND MILL WORK:

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

#### FLAME SPREAD:

24. FLAME SPREAD OF FINISH MATERIALS: WALL, FLOOR AND CEILING SHALL NOT EXCEED THE FLAME SPREAD CLASSIFICATIONS IN CBC TABLE 803.11

ARCHITECTS

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## 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 151 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
	ARCAN TEX 8543 70 *

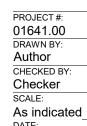
DATE:

REV: DESCRIPTION: CONSULTANT

SHPD APPROVAL STAMP OSHPD #: S171386-37-00

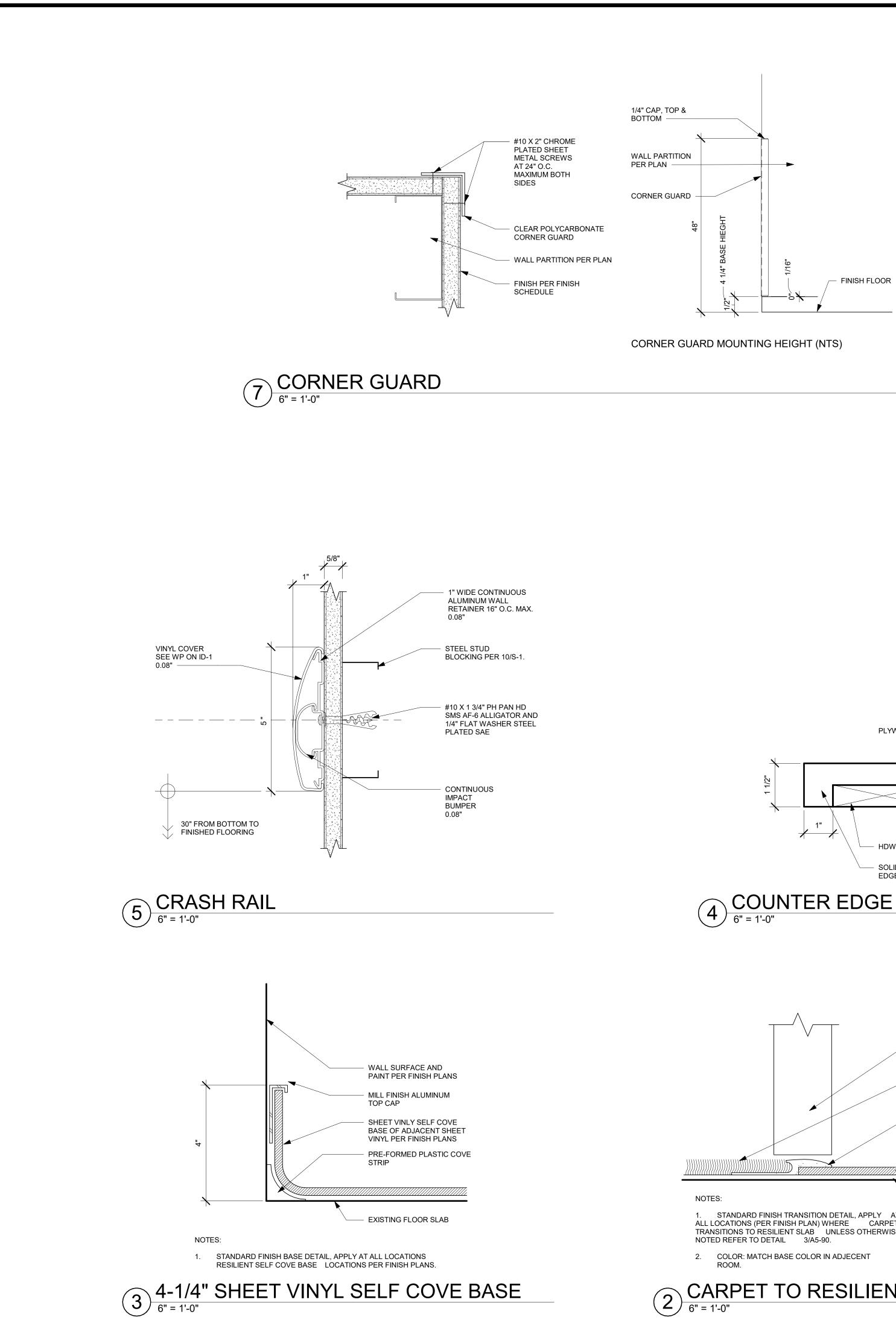
### 1/4" RETAIL PHARMACY NEW FINISHES PLAN

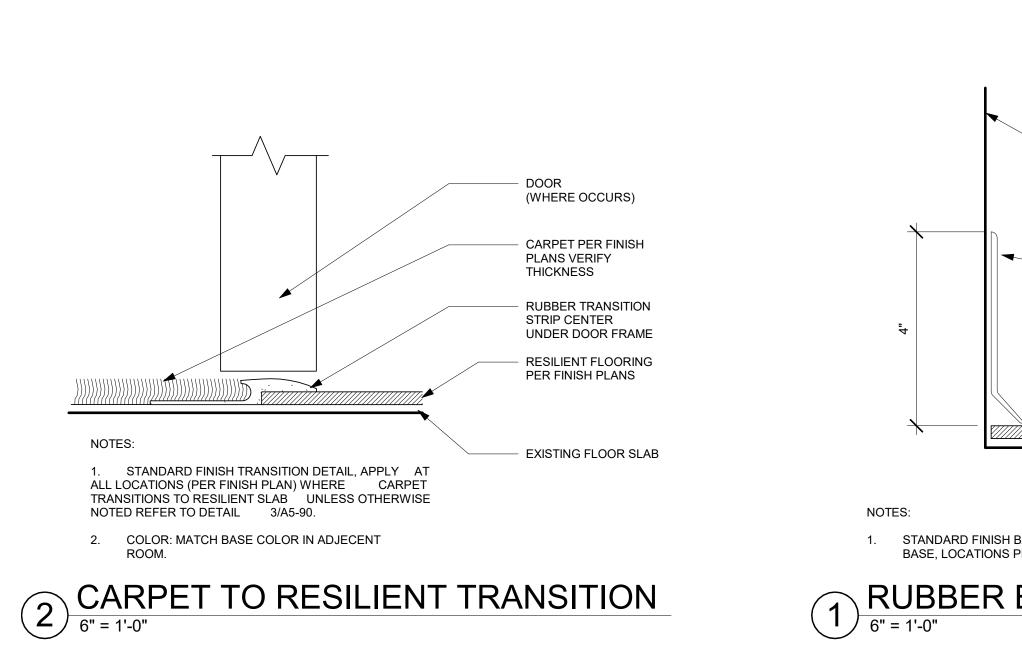
PROJECT TITLE: TCMC PHARMACY RETAIL ROOM



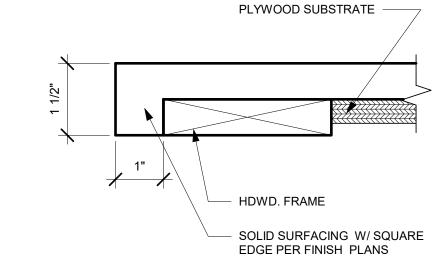
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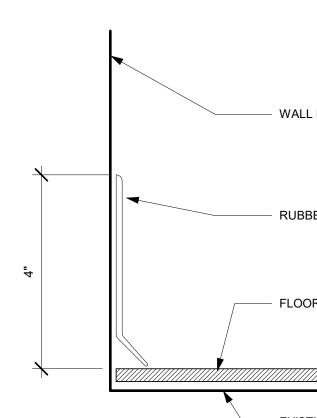


## EDGE PER FINISH PLANS 4 COUNTER EDGE -SQUARE



### (1) RUBBER BASE 6" = 1'-0"

1. STANDARD FINISH BASE DETAIL, APPLY AT ALL LOCATIONS RUBBER BASE, LOCATIONS PER FINISH PLANS.



#### LOCATIONS. WHERE EXISTING SLAB IS ABOVE ( CONTRACTOR MAY LIMIT TESTING TO AREAS NE WATER SUCH AS AROUND PLUMBING LINES, SH ROOF DRAINS, ETC. WHERE MOISTURE IN THE S FINISH MATERIAL'S MANUFACTURER'S RECOMM REFER TO NOTES ABOVE FOR MANUFACTURER REQUIREMENTS.

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<ul> <li>MANUFACTURER'S SPECIFICATION'S 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.</li> <li>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.</li> <li>FLOORING PREPARATION SHALL BE PERFORMED AS REQUIRED BY THE FLOOR FINISH MANUFACTURER IN A MANNER SUCH THAT THE MANUFACTURER'S PRODUCT WARRANTY WILL REMAIN IN EFFECT. IF FIELD CONDITIONS REQUIRE VARIATIONS FROM MANUFACTURER'S REQUIREMENTS, THE CONTRACTOR SHALL NOTIFY THE FACILITIES MANAGER IN WRITING DTO RECEIVE INSTRUCTIONS ON HOW TO PROCEED.</li> <li>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.</li> <li>CONTRACTOR TO PROVIDE TRANSITIONS BETWEEN FLOORING MATERIALS PER DETAILS ON SHEET AS-90. ALL TRANSITIONS LOCATED UNDER DOORS, TO BE CENTERED UNDER DOOR.</li> <li>DOOR SWING: CONTRACTOR SHALL INSTALL ALL NEW FLOORING MATERIALS PER DETAILS ON SHEET AS-90. ALL TRANSITIONS LOCATED UNDER DOORS, TO BE CENTERED UNDER DOORS. AND SUCH THAT IT DOES NOT INTERFERE WITH EXISTING DOORS AND SUCH THAT IT DOES NOT INTERFERE WITH EXISTING DOORS AND SUCH TA WAY THAT EXISTING DOORS DO NOT TOUCH THE SURFACE OF NEW FLOORING. ANY PROBLEMATIC DOORS SHALL BE BROUGHTTO THE ATTENTION TO THE FACILITIES CONSTRUCTION REPRESENTATIVE PRIOR TO FLOORING PREPARATION.</li> <li>PERFORM CALCIUM CHLORIDE TEST FOR ALL SLAB SUBFLOORS WHERE SLAB IS NEW, OR ALL 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. WHERER MOISTURE IN THE SLAB ESCEEDS FINISH MATERIAL'S MANUFACTURER'S RECOMMENDATIONS, REFER TO NOTES ABOVE FOR MAN</li></ul>	LOCATIONS WHERE EPOXY PAINT IS REQUIRED. 16. SUBMIT ALL FINISH SAMPLES TO ARCHITECT FOR APPROVAL, INCLUDING DRAW DOWNS OF ALL PAINT COLORS IN ALL FINISH	
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<ul> <li>BY THE FLOOR FINISH MANUFACTURER IN A MANNER SUCH THAT THE MANUFACTURER'S PRODUCT WARRANTY WILL REMAIN IN EFFECT. IF FIELD CONDITIONS REQURE VARIATIONS FROM MANUFACTURER'S REQUIREMENTS, THE CONTRACTOR SHALL NOTIFY THE FACILITIES MANAGER IN WRITING DTO RECEIVE INSTRUCTIONS ON HOW TO PROCEED.</li> <li>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.</li> <li>CONTRACTOR TO PROVIDE TRANSITIONS BETWEEN FLOORING MATERIALS PER DETAILS ON SHEET A5-90. ALL TRANSITIONS LOCATED UNDER DOORS, TO BE CENTERED UNDER DOOR.</li> <li>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.</li> <li>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.</li> <li>CONTRACTOR TO INCLUDE ALLOWANCE FOR CONCRETE SLAB SEALER TO BE FURNISED AND APPLIED UNDER ALL FLOOR FINISHES ON SLAB ON GRADE.</li> <li>CONTRACTOR SHALL VERIFY LEAD TIMES FOR ALL FINISH MATERIALS AND SHALL BE RESPONSIBLE TO HAVE ALL MATERIALS AND SHALL BE RESPONSIBLE TO HAVE ALL MATERIALS ON THE JOB SITE ON TIME. NO SUBSTITUTIONS</li> </ul>	RESILIENT FLOORING:	
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<ul> <li>MATERIALS PER DETAILS ON SHEET A5-90. ALL TRANSITIONS LOCATED UNDER DOORS, TO BE CENTERED UNDER DOOR.</li> <li>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.</li> <li>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.</li> <li>CONTRACTOR TO INCLUDE ALLOWANCE FOR CONCRETE SLAB SEALER TO BE FURNISED AND APPLIED UNDER ALL FLOOR FINISHES ON SLAB ON GRADE.</li> <li>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</li> </ul>	<ul> <li>PRODUCT SPECIFICATION AND A RECOMMENDED REAPPLICATION TIME FOR THE SEALER OR WAX TO THE FACILITIES MAINTENANCE OFFICE.</li> <li>20. ALL SHEET GOODS OF RESILIENT FLOORING SHALL BE INSTALLED USING HEAT WELD SEAMS, WELDING RODS SHALL MATCH THE COLOR OF THE FLOORING MATERIAL</li> </ul>	CENTER 4002 VISTA WAY OCEANSIDE, CA
<ul> <li>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.</li> <li>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.</li> <li>CONTRACTOR TO INCLUDE ALLOWANCE FOR CONCRETE SLAB SEALER TO BE FURNISED AND APPLIED UNDER ALL FLOOR FINISHES ON SLAB ON GRADE.</li> <li>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</li> </ul>	UNLESS OTHERWISE NOTED ON THE FINISH PLAN OR LEGEND. CASEWORK AND MILL WORK:	92056
<ul> <li>REPRESENTATIVE PRIOR TO FLOORING PREPARATION.</li> <li>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.</li> <li>CONTRACTOR TO INCLUDE ALLOWANCE FOR CONCRETE SLAB SEALER TO BE FURNISED AND APPLIED UNDER ALL FLOOR FINISHES ON SLAB ON GRADE.</li> <li>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</li> </ul>	<ol> <li>ALL CASEWORK AND MILL WORK TO CONFORM TO THE REQUIREMENTS OF THE LATEST EDITION OF W.I.C. FOR CUSTOM GRADE.</li> <li>WOOD SAMPLES PROVIDED TOT HE COTNRACTOR ARE</li> </ol>	OWNER: TRI-CITY MEDICA 4002 VISTA WAY OCEANSIDE, CAL
<ul> <li>ROOF DRAINS, ETC. WHERE MOISTURE IN THE SLAB EXCEEDS FINISH MATERIAL'S MANUFACTURER'S RECOMMENDATIONS, REFER TO NOTES ABOVE FOR MANUFACTURER'S WARRANTY REQUIREMENTS.</li> <li>CONTRACTOR TO INCLUDE ALLOWANCE FOR CONCRETE SLAB SEALER TO BE FURNISED AND APPLIED UNDER ALL FLOOR FINISHES ON SLAB ON GRADE.</li> <li>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</li> </ul>	FOR COLOR ONLY. CONTRACTOR TO SUBMITT SAMPLES FOR ALL WOOD FINISHES FOR APPROVAL AND VERFIY 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.	TEL(760)724-8411 ARCHITECT: SFEIR ARCHITEC 5151 SHOREHAM SAN DIEGO, CALI TEL(619)299-3917
<ul> <li>SEALER TO BE FURNISED AND APPLIED UNDER ALL FLOOR FINISHES ON SLAB ON GRADE.</li> <li>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</li> </ul>	23. SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL CASEWORK AND MILL WORK. FLAME SPREAD:	STRUCTURAL: SUN STRUCTURA 2091 LAS PALMA CARLSBAD, CALI TEL(760)438-1188
MATERIALS AND SHALL BE RESPONSIBLE TO HAVE ALL MATERIALS ON THE JOB SITE ON TIME. NO SUBSTITUTIONS	24. FLAME SPREAD OF FINISH MATERIALS: WALL, FLOOR AND CEILING SHALL NOT EXCEED THE FLAME SPREAD CLASSIFICATIONS IN CBC TABLE 803.11	ME&P: P2S 9665 CHESAPEA SAN DIEGO, CAL
WALL FINISH PER PLAN		OSHPD APPROVAL STAMP: OSHPD #: S171386-37-00
FLOOR FINISH PER PLAN		SHEET TITLE: FINISH DETAILS
EXISTING FLOOR SLAB		4

#### R S ~ ECTS Suite 100

# ACY ROOM

# **EDICAL**

ALIFORNIA CAL CENTER

ARCHITEC STRUCTU ME&P:	515 SAN TEL RAL: SUN 209 CAF TEL P2S 966 SAN	N DIEGO, .(619)299- N STRUC <sup>*</sup> 1 LAS PA RLSBAD, .(760)438- 3 5 CHESA N DIEGO,	HAM PLA CALIFORI 3917 FA) TURAL EN LMAS DR CALIFORI 1188 PEAKE, S	CE, SUITE NIA 92122 ((619)299-5 IGINEERIN IVE, SUITE NIA 92011	5084 G, INC.
	209 CAF TEL P2S 966 SAN	1 LAS PA RLSBAD, .(760)438- 5 CHESA N DIEGO,	LMAS DR CALIFORI 1188 PEAKE, S	IVE, SUITE	
ME&P:	966 SAN	5 CHESA N DIEGO,			
		.(619)618-		UITE 230 NIA 92123	
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TCMC PHARMACY RETAIL ROOM

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



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

TORQUE WRENCH AND APPLY THE LOAD.

- ALL FIELD INSTALLED CONCRETE EXPANSION ANCHORS SHALL BE HILTI KB TZ ANCHORS AND C.M.U. EXPANSION ANCHORS SHALL BE HILTI KB 3 ANCHORS ANCHOR TYPE ICC-ES ESR# 3/8"ø HILTI KB TZ 1917 3/8"ø HILTI KB 3 1385 1
   ALL ANCHORS SHALL BE TESTED BASED ON THE FOLLOWING CRITERIA:
- ANCHOR TYPE TORQUE ICC-ES ESR#  $3/8" \phi$  HILTI KB TZ ANCHOR 25 FT-LBS 1917  $3/8" \phi$  HILTI KB 3 15 FT-LBS 1385 1 MINIMUM ANCHOR EMBEDMENT SHALL BE 2" FOR  $3/8" \phi$  KB TZ, AND 2-1/2" FOR  $3/8" \phi$  KB 3 WINIMUM ANCHOR EMBEDMENT SHALL BE 2" FOR  $3/8" \phi$  KB TZ,
  - 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 EMBEDED 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

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 RECOMMANDED 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 MAINTAN 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  $\frac{1}{2}$  TURN OF THE NUT.
- EXCEPTIONS: 1. WEDGDE OR SLEEVE TYPE:
- ONE-QUARTER (1) TURN OF THE NUT FOR A 3 IN. SLEEVE ANCHOR ONLY. 2. THREADED TYPE: ONE QUARTER (1) TURN OF THE SCREW AFTER INITIAL SEATING OF THE SCREW HEAD.

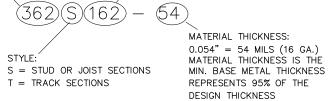
TESTING SHOULD OCCUR 24 HOURS MINIMUM AFTER INSTALLATION OF THE EPOXY ANCHOR.

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

- 1. DESIGN, MANUFACTURE AND INSTALLATION OF LIGHT GAGE, COLD-FORMED STEEL JOISTS, PURLINS AND STUDS SHALL CONFORM WITH THE LATEST EDITION OF THE LIGHT GAGE, 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 3. ALL WELDING SHALL BE IN CONFORMANCE WITH AWS D1.3 "STRUCTURAL WELDING CODE - SHEET STEEL". QUALIFICATION OF WELDERS SHALL BE IN ACCORDANCE WITH AWS D1.1, CHAPTER 5, PART C, "WELDER QUALIFICATION". SEE LATEST EDITION OF THE AISI SPECIFICATIONS FOR THE "DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" FOR ALLOWABLE WELD VALUES
- STEEL STRUCTURAL MEMBERS FOR ALLOWABLE WELD VALUES.
  4. FRAMING SHALL BE ERECTED PLUMB, LEVEL AND SQUARE. BRIDGING AND DIAGONAL TENSION STRAPS SHALL BE USED.
- SHALL BE USED.
- 5. TEMPORARY BRACING SHALL BE PROVIDED AS REQUIRED UNTIL ERECTION IS COMPLETE AND SAFELY SECURED TO STRUCTURE.
- 6. COLD-FORMED STEEL YIELD STRENGTH (fy) IS 33 KSI. IDENTIFICATION OF SSMA PRODUCTS

MEMBER DEPTH: 3.62" = 362x1/100 INCHES ALL MEMBER DEPTHS ARE TAKEN IN 1/100 INCHES FOR ALL "T" SECTIONS MEMBER DEPTH IS THE INSIDE TO INSIDE DIMENTION FLANGE WIDTH: 2" = 200x1/100 INCHES ALL FLANGE WIDTH ARE TAKEN IN 1/100 INCHES

MEMBER DEPTH IS THE IN (362)(S)(162) -



EXAMPLE

#### COLD-FORMED STEEL STUDS PROPERTIES

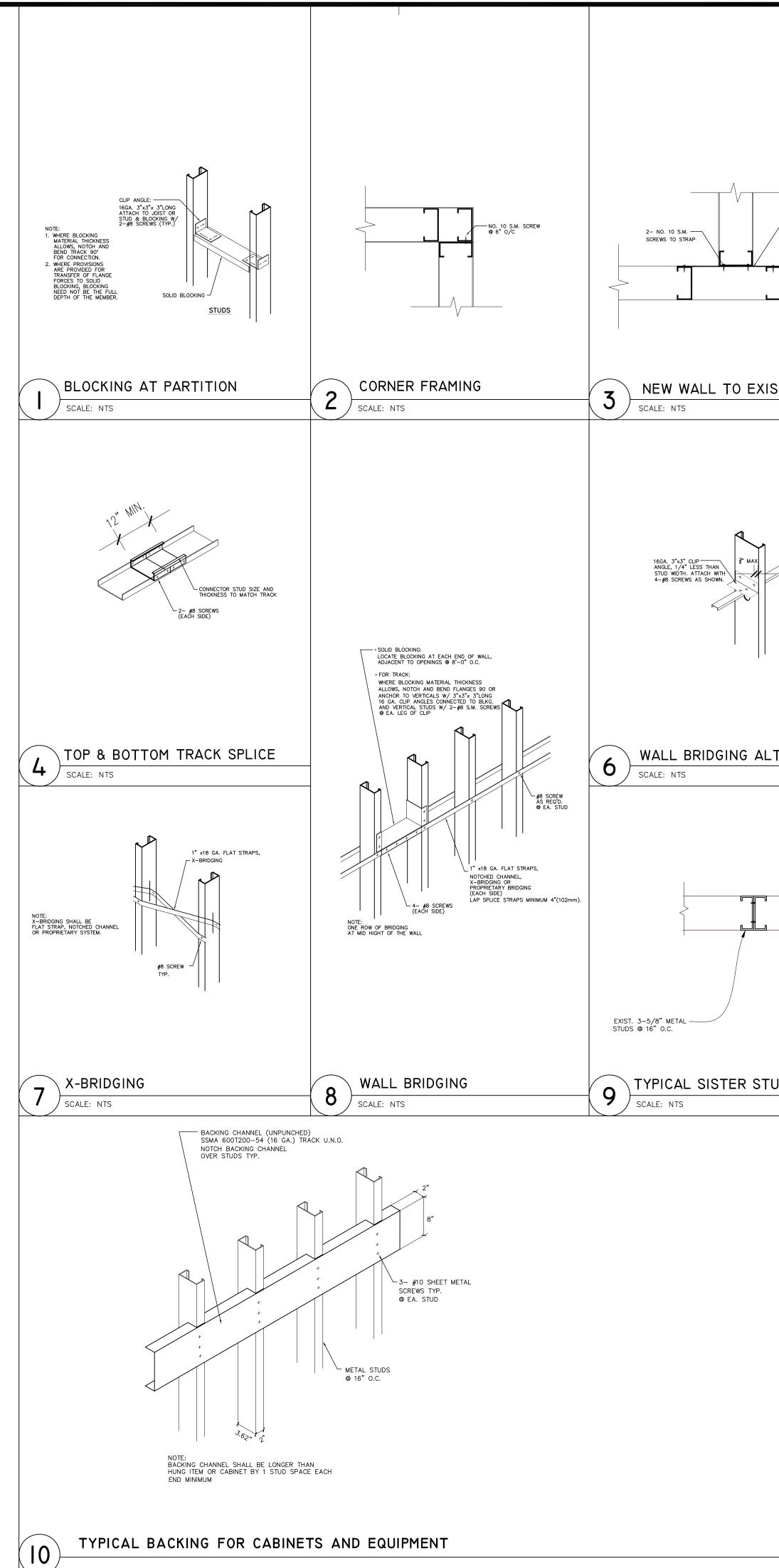
IDENTIFICATION	MEMBER DEPTH	FLANGE WIDTH	MATERIAL THICKNESS
362S162-54	3.62"	1.625"	16 GA.
362T125-43	3.62"	1.25"	18 GA.
600T200-54	6"	2"	16 GA.
362S162-43	3.62"	1.625"	18 GA.
400S125-43	4"	1.25"	16 GA.
2-1/2" CH STUD	2.5"	1.625"	20 GA.
2-1/2" J RUNNER	2.5"	1" AND 3"	20 GA.

#### SEISMIC LOAD

SITE LOCATION: LONGITUDE: 117.29178° WEST, LATITUDE: 33.18425° NORTH DESIGN SPECTRAL RESPONSE ACCLERATION:

 $S_{DS} = 0.760, S_{D1} = 0.435$ 

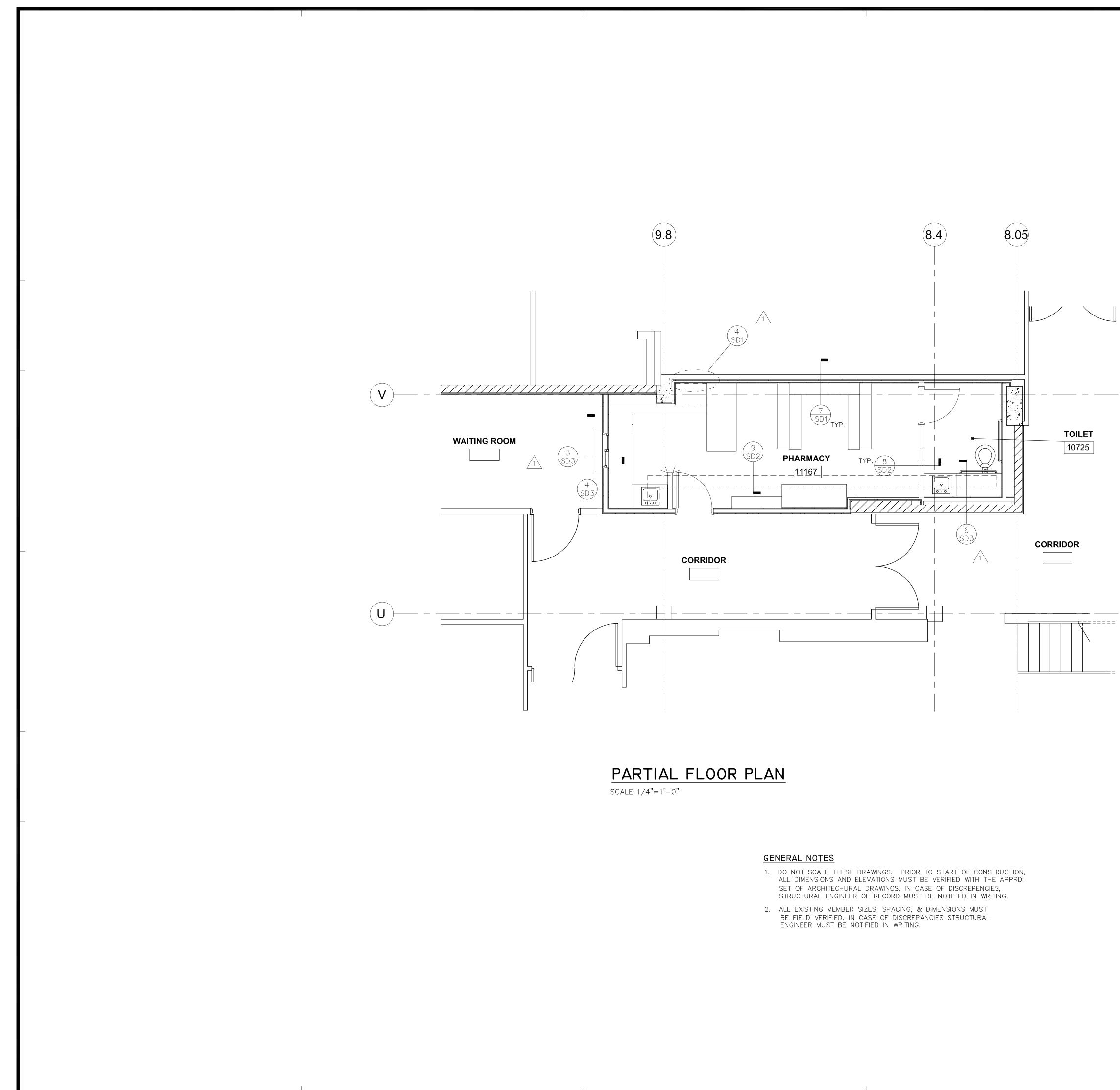
SEISMIC IMPORTANCE FACTOR, Ip = 1.5 SEISMIC FORCE COEFFICIENTS:  $a_p = 1.0$ ,  $R_p = 2.5$ SEISMIC DESIGN CATEGORY "D"



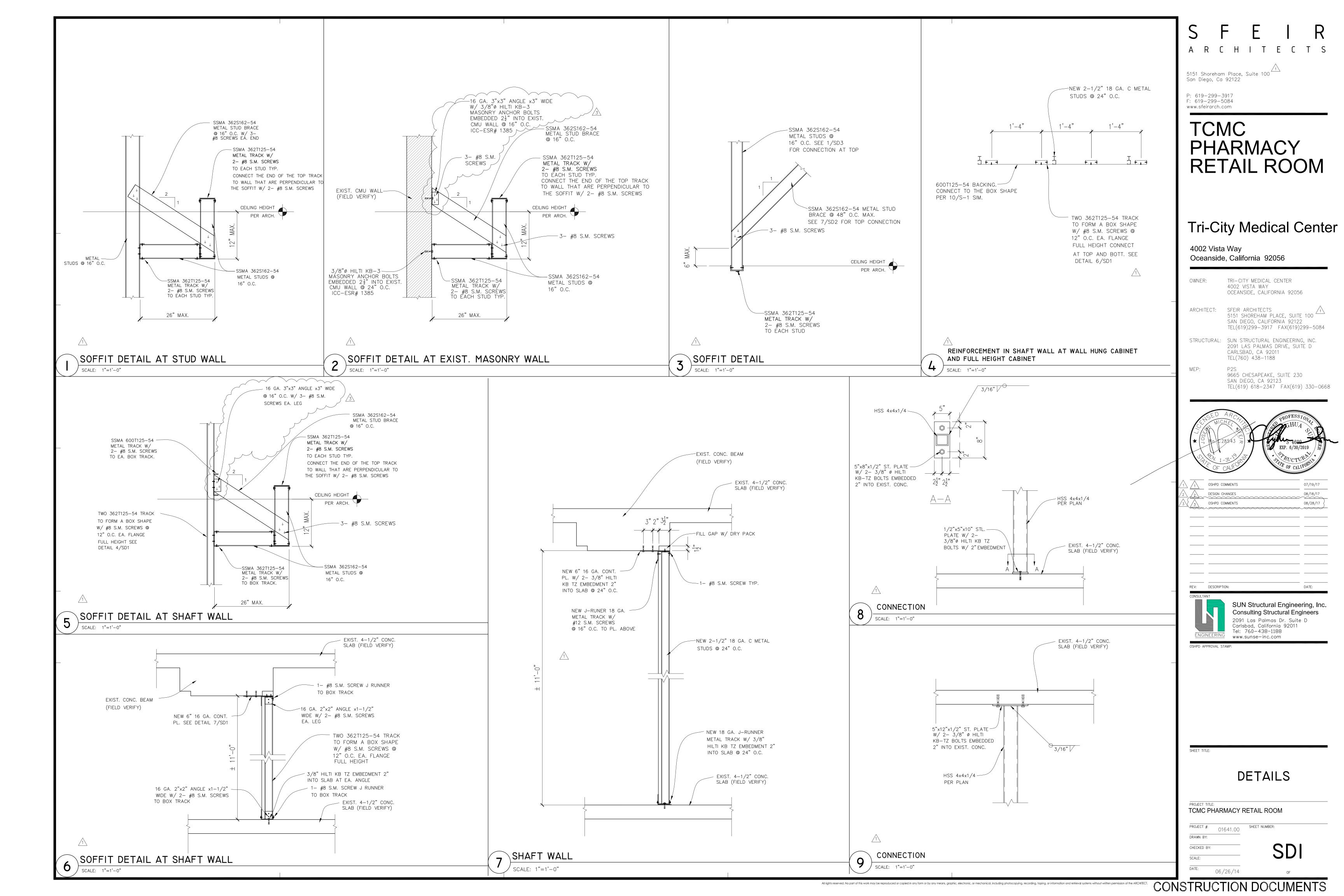
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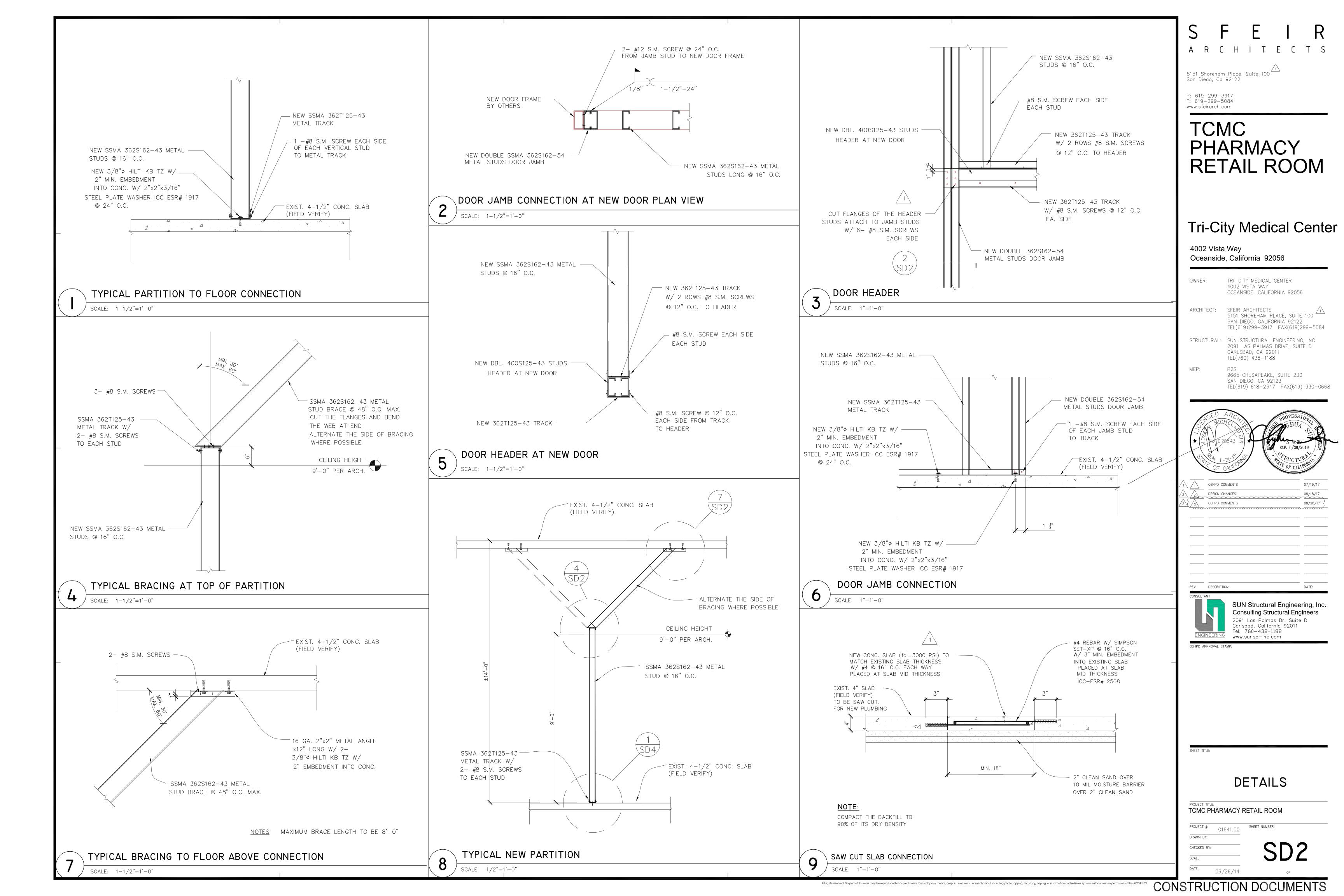
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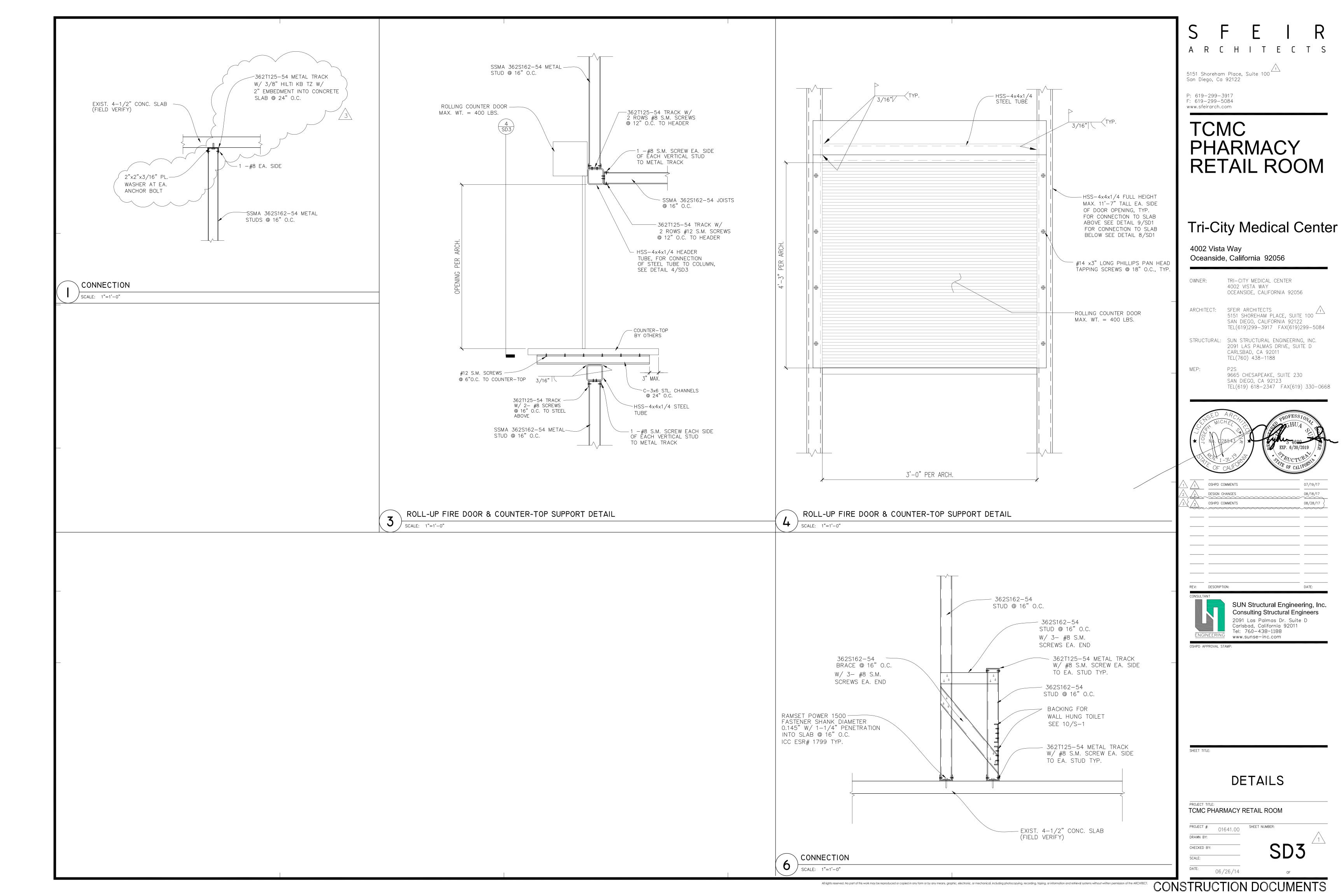
	S F E I R A R C H I T E C T S 5151 Shoreham Place, Suite 100 San Diego, Ca 92122 P: 619-299-3917 F: 619-299-5084 www.sfeirarch.com
1" x18 GA. STRAP © 24" O.C. W/ 1- NO. 10 SCREW EA. END TO EXISTING STUD	TCMC PHARMACY RETAIL ROOM
STING WALL INTERSECTION FRAMING	
	OWNER: TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056
250S137−43 COLD-ROLLED CHANNEL. HORIZONTAL BRIDGING TO BE SPACED © 24 <sup>*</sup> 0.C.	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, CA 92011 TEL(760) 438-1188
	MEP: P2S 9665 CHESAPEAKE, SUITE 230 SAN DIEGO, CA 92123 TEL(619) 618-2347 FAX(619) 330-0668
TERNATE	* SED ARCH NICHEL ND 028543 70 * S4600 EXP. 6/30/2019 ST PROFESSION SHUA SHUA SHUA SHUA SHUA SHUA SHUA SHUA
	1       1       0
NEW SSMA 362S200-54 METAL STUD SISTER W/ EXIST. STUD W/ #8 S.M. SCREWS @ 12" O.C. STAGGERED	REV: DESCRIPTION: DATE: CONSULTANT SUN Structural Engineering, Inc. 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
	SHEET TITLE:
	GENERAL NOTES TYPICAL DETAILS
	PROJECT TITLE: TCMC PHARMACY RETAIL ROOM PROJECT #: 01641.00 SHEET NUMBER:
any means, graphic, electronic, or mechanical, including photocopying, recording, taping, or information and retrieval systems without written permissic	DRAWN BY: CHECKED BY: SCALE: DATE: 06/26/14 OF OF

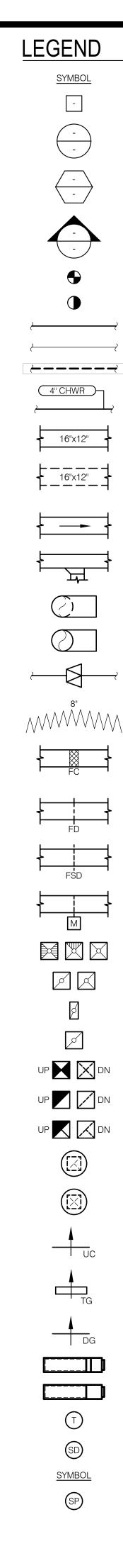


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•		•	ABB	REVIATIONS	•		GENERA
DESCRIPTION	SYMBOL	DESCRIPTION	ABBREVIA	TION DESCRIPTION	ABBREVIA	TION DESCRIPTION	4. IN THE EVENT
			ABV	ABOVE	KW	KILOWATTS	SPECIFICATION
NOTE CALLOUT	$\rightarrow$	DAMPER, OPPOSED BLADE	AC	AIR CONDITIONING UNIT	LAT	LEAVING AIR TEMPERATURE	
	$\leq$		AFF	ABOVE FINISHED FLOOR	LBS	POUNDS	5. THIS CONTRAC
DETAIL CALLOUT			AHU	AIR HANDLING UNIT	LD	LINEAR DIFFUSER	PROPERLY INS
- NUMBER ON TOP DENOTES DETAIL NUMBER	/		AP	ACCESS PANEL	LWT	LEAVING WATER TEMPERATURE	SPECIFIED HER
- NUMBER ON BOTTOM DENOTES SHEET DETAIL IS SHOWN	1.		BDD	BACK DRAFT DAMPER	MAX	MAXIMUM	6. ALL NEW EQUI
	· · · · · · · · · · · · · · · · · · ·	DAMPER, PARALLEL BLADE	BHP	BRAKE HORSEPOWER	MBH	THOUSAND BTU PER HOUR	UNDERWRITER
MECHANICAL EQUIPMENT CALLOUT, SEE MECHANICAL PLANS FOR	//		BLDG	BUILDING	MCA	MINIMUM CIRCUIT AMPS	DESIGNED ANI
EXACT LOCATION AND REQUIREMENTS			BTU	BRITISH THERMAL UNIT	MIN	MINIMUM	
	N		CD	CEILING DIFFUSER	MOCP	MAXIMUM OVERLOAD CIRCUIT PROTECTION	7. THIS CONTRAC
			CFM	CUBIC FEET PER MINUTE	NIC	NOT IN CONTRACT	AND ATTAIN AF
SECTION CALLOUT		FILTER	CV	CONSTANT VOLUME BOX	OAT	OUTSIDE AIR TEMPERATURE	PROVIDED IND
SECTION CALLOUT	KI		D	DRAIN	OBD	OPPOSED BLADE DAMPER	
			DB	DRY BULB	OSA	OUTSIDE AIR	8. ALL WORK SHA
			DEG	DEGREES	PD	PRESSURE DROP	MINIMIZE ANY
POINT OF CONNECTION	//////	LOUVER	DIA	DIAMETER	PERF	PERFORATED	IN OPERATION
			DN	DOWN	PH	PHASE	
POINT OF DISCONNECTION	AD	ACCESS DOOR OR ACCESS PANEL (AP) IN DUCTWORK	DX	DIRECT EXPANSION	POD	POINT OF DISCONNECT	9. NO PIPING, EQ
NEW LINEWORK			(E)	EXISTING	PR	PRESSURE RELIEF	WITH THE OWN
NEW LINEWORK			EA	EACH	PRV	PRESSURE REDUCING VALVE	NOT WITHIN TH
EXISTING LINEWORK		TURNING VANES (RECTANGULAR)	EAT	ENTERING AIR TEMPERATURE	PSID	POUNDS PER SQUARE INCH DIFFERENTIAL	SUFFICIENT AE
			EF	EXHAUST FAN	PSIG	POUNDS PER SQUARE INCH GAUGE	WHEN THE PRO
DEMOLITION LINEWORK			EFF	EFFICIENCY	RA	RETURN AIR	10. THE ARRANGE
	$\bigcap$	LOCALLY MOUNTED INSTRUMENT	EL	ELEVATION	RAR	RETURN AIR REGISTER	AVAILABLE TO
NEW PIPING (SIZE-SERVICE)	$\bigcirc$	EOCALLY MOONTED INSTROMENT	EQ	EQUAL	RF	RETURN FAN	PECULIAR TO
			ER	EXHAUST REGISTER	RHC	REHEAT COIL	FEATURES OF
	C02	CARBON DIOXIDE SENSOR	ESP	EXTERNAL STATIC PRESSURE	RLA	RATED LOAD AMPS	EQUIPMENT IN
SHEET METAL DUCT			EWT	ENTERING WATER TEMPERATURE	RPM	REVOLUTIONS PER MINUTE	VALVES AND E
			°F	DEGREES FAHRENHEIT	SA	SUPPLY AIR	PROVIDED. NO
	DPS	DIFFERENTIAL PRESSURE SENSOR	FC	FAN COOL UNIT	SAR	SUPPLY AIR REGISTER	THOUDED. NO
HIDDEN SHEET METAL DUCT			FD	FIRE DAMPER	SD	SMOKE DAMPER	11. THIS CONTRAC
		FLOW METER	FLA	FULL LOAD AMPS	SF	SUPPLY FAN	DRAWINGS NE
	FM	FLOW METER	FLR	FLOOR	SMBH	SENSIBLE MBH	PIPES AND OTH
			FOB	FLAT ON BOTTOM	STD	STANDARD	OTHER TRADE
DIRECTION OF FLOW		AIRFLOW SENSOR	FOT	FLAT ON TOP	TAD	TRANSFER AIR DUCT	INTERFERENCI
	FS	AIRFLOW SENSOR	FP	FIRE PUMP	TEMP	TEMPERATURE	AND CONFIGU
			FPI	FINS PER INCH	TG	TRANSFER GRILLE	
STANDARD BRANCH FOR SUPPLY AND RETURN	_		FPM	FEET PER MINUTE	TMBH	TOTAL MBH	12. THIS CONTRAC
STANDARD BRANGETT ON SOFFET AND RETORIN	HS	RELATIVE HUMIDITY SENSOR	FT	FEET OR FOOT	TSP	TOTAL STATIC PRESSURE	PURCHASE AN
			FX	FLEXIBLE CONNECTION	TYP	TYPICAL	
			GA	GAUGE	UC	UNDERCUT	13. BEFORE COM
ROUND ELBOW DOWN	TS	TEMPERATURE SENSOR	GALV	GALVANIZED	UON	UNLESS OTHERWISE NOTED	AND CHARACT
			GC	GENERAL CONTRACTOR	V	VOLTS	
ROUND ELBOW UP			GPH	GALLONS PER HOUR	VAV	VARIABLE AIR VOLUME UNIT	14. CONTRACTOR
			GPM	GALLONS PER MINUTE	VD	VOLUME DAMPER	15. EXISTING MATE
	(TS-MM	AVERAGING TEMPERATURE SENSOR	HB	HOSE BIBB	VFD	VARIABLE FREQUENCY DRIVE	INDICATED AS
RECTANGULAR TO ROUND TRANSITION			HD	HEAD	W/	WITH	
			HP	HEAT PUMP	W/O	WITHOUT	16. ALL EQUIPMEN
			HP	HORSEPOWER	WB	WET BULB	INSTRUCTIONS
FLEXIBLE DUCT			HT	HEIGHT	WC	WATER COLUMN	
			HZ	HERTZ	WG	WATER GAUGE	17. GALVANIZED S
			IN	INCHES	WG	WEIGHT	SUPPORTED / I
			IIN		VV I		SMACNA STAN

FLEX CONNECTION

FIRE DAMPER

COMBINATION FIRE AND SMOKE DAMPER

MOTORIZED DAMPER

SUPPLY DIFFUSER: 2-WAY/3-WAY/4-WAY

GRILLE: RETURN/EXHAUST

1'x2' RETURN AIR GRILLE

2'x2' 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

DESCRIPTION

STATIC PRESSURE SENSOR

## SHEET INDEX

SHEET	DESCRIPTION
<i>I</i> I0.1	GENERAL NOTES, LEGEND, SYMBOLS & SHEET INDEX
<i>I</i> 0.2	SCHEDULES
/ID2.1	PARTIAL FIRST FLOOR DEMOLITION PLAN
A2.1	PARTIAL FIRST FLOOR RENOVATION PLAN
/16.1	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.

- 2. 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.
- 3. THE STRUCTURAL ENGINEER FOR THE CONTRACTOR SHALL DETERMINE THE APPROPRIATE SEISMIC FORCES BASED ON THE DESIGN CRITERIA SHOWN ON THE STRUCTURAL DRAWINGS.
- 4. 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.

## 

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**

- 1. CONTRACTOR SHALL COORDINATE ARCHITECTURAL REFLECTED CEILINGS 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.
- 2. 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 OWNER'S REPRESENTITIVE 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:
- A. DUCT, PIPE AND PLUMBING ELEVATIONS.
- B. DOUBLE LINE DUCTWORK AND PIPING (6" AND LARGER).
- C. ACTUAL SIZE OF PURCHASED EQUIPMENT. PER APPROVED CONTRACTOR'S SHOP DRAWINGS.
- D. ACCESS PANELS INCLUDING CEILING PANELS.
- E. ACCESS CLEARANCES FOR EQUIPMENT.
- F. ACTUAL LOCATIONS OF CEILING DIFFUSERS, REGISTERS, AND RETURN REGISTERS.
- G. LOCATIONS OF STRUCTURAL MEMBERS SUCH AS BEAMS.
- H. ACTUAL LOCATIONS OF CONTROL PANELS AND POWER CONNECTIONS TO EQUIPMENT.
- I. COLOR CODED DUCT AND PIPING BASED ON MATERIAL USED.
- J. MINIMUM 1/4"=1'0" SCALE DRAWINGS.
- K. LABEL AND TAG SCHEDULE FOR EQUIPMENT.
- L. DUCT TRANSITIONS TO CLEAR BEAMS OR TIGHT AREAS.
- M. ROOM TEMPERATURE SENSOR LOCATIONS.
- N. POINT OF CONNECTION TO UTILITIES OUTSIDE THE BUILDING.
- O. SECTIONS OR 3-D DRAWINGS OF CONGESTED AREAS.
- P. GRID LINES.
- Q. UTILITY PROFILES FOR UNDERGROUND PIPING.
- 4. 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**

- 1. 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).
- 2. 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.
- 3. WHERE USED, THE TERM "PROVIDE" SHALL MEAN "FURNISH AND INSTALL".

## RAL NOTES CONTINUED

- SMACNA STANDARDS.
- CMC-602.2.

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.

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. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

25. PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTES:

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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.

NT OF A CONFLICT OR INCONSISTENCY BETWEEN ITEMS INDICATED ON DESIGN PLANS / TIONS WITH CODE REQUIREMENTS, THE MORE STRINGENT STANDARD SHALL PREVAIL.

RACTOR SHALL FURNISH LABOR, MATERIALS, EQUIPMENT, AND TRANSPORTATION AS REQUIRED TO INSTALL ALL NEW HVAC SYSTEMS OR RELATED COMPONENTS AS INDICATED ON PLANS AND HEREIN.

QUIPMENT AND MATERIAL TO BE INSTALLED AS PART OF THIS PROJECT SHALL BEAR AN TERS' LABORATORIES LABEL (UL), AND INSTALLED IN SUCH A MANNER FOR WHICH THEY ARE AND APPROVED.

RACTOR SHALL DOCUMENT AND RELAY ANY MAJOR DEVIATIONS FROM THE DESIGN DOCUMENTS, N APPROVAL FROM THE MECHANICAL ENGINEER BEFORE PROCEEDING. AS-BUILT COPIES SHALL BE INDICATING ALL CHANGES / DEVIATIONS MADE DURING CONSTRUCTION.

SHALL BE PERFORMED IN A CLEAN AND WORKMANLIKE MANNER. CARE SHALL BE EXERCISED TO NY INCONVENIENCE OR DISTURBANCE TO OTHER AREAS OF THE BUILDING WHICH ARE TO REMAIN ION. ISOLATE WORK AREAS BY MEANS TO KEEP DUST AND DIRT WITHIN THE CONSTRUCTION AREA.

EQUIPMENT, ETC. SHALL BE REMOVED, DISCONNECTED OR SHUT DOWN WITHOUT PRIOR REVIEW OWNER TO CONFIRM THAT AREAS TO REMAIN IN OPERATION WILL NOT BE AFFECTED. IF ANY AREAS N THE SCOPE OF WORK ARE AFFECTED BY ANY SHUTDOWN, REMOVAL OR DISCONNECTION, T ADVANCE NOTICE MUST BE GIVEN TO THE OWNER INDICATING WHICH AREAS WILL BE AFFECTED. PROPOSED SHUTDOWN WILL OCCUR, AND FOR HOW LONG A PERIOD OF TIME.

NGEMENT OF EQUIPMENT AND PIPING SHOWN ON THE DRAWINGS IS BASED UPON INFORMATION TO THE ENGINEER AT THE TIME OF DESIGN AND IS NOT INTENDED TO SHOW EXACT DIMENSIONS TO A SPECIFIC MANUFACTURER. THE DRAWINGS ARE, IN PART, DIAGRAMMATIC AND SOME OF THE ILLUSTRATED EQUIPMENT INSTALLATION MAY REQUIRE REVISION TO MEET ACTUAL T INSTALLATION REQUIREMENTS. STRUCTURAL SUPPORTS, FOUNDATIONS, CONNECTED PIPING, ID ELECTRICAL CONDUIT SPECIFIED MAY HAVE TO BE ALTERED TO ACCOMMODATE THE EQUIPMENT NO ADDITIONAL PAYMENT WILL BE MADE FOR SUCH REVISIONS AND ALTERATIONS.

RACTOR SHALL VERIFY ALL DIMENSIONS AT THE SITE MAKING FIELD MEASUREMENTS AND SHOP I NECESSARY FOR FABRICATION OR ERECTION OF HVAC SYSTEMS. MAKE ALLOWANCE FOR BEAMS, OTHER OBSTRUCTIONS IN BUILDING CONSTRUCTION, CHECK DRAWINGS SHOWING WORK OF ADES AND CONSULT WITH THE OWNER'S REPRESENTATIVE IN THE EVENT OF POTENTIAL NCE. SHOP DRAWINGS SHALL BE MINIMUM 1/4"=1'-0" SCALE, INDICATING FITTINGS, SIZES, WELDS IGURATIONS AND SUBMITTED TO ENGINEER FOR REVIEW.

RACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER TRADES PRIOR TO FABRICATION, AND/OR INSTALLATION OF ALL WORK.

DMMENCEMENT OF WORK, THIS CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS, ELEVATIONS, ACTERISTICS OF ALL UTILITIES.

OR SHALL SECURE AND PAY ALL FEES AND PERMITS PERTAINING TO THE CONTRACT.

IATERIALS THAT ARE REMOVED SHALL NOT BE REUSED IN NEW SYSTEMS, EXCEPT WHERE AS BEING RELOCATED.

MENT SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE MANUFACTURER'S WRITTEN ONS.

ED SHEET METAL SHALL BE PROVIDED FOR ALL HVAC DUCT SYSTEMS, AND CONSTRUCTED / ED / INSTALLED IN ACCORDANCE WITH THE 2010 CALIFORNIA MECHANICAL CODE AND THE LATEST

18. 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.

19. 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

20. THIS CONTRACTOR SHALL NOT BORE, NOTCH, CUT, OR PENETRATE INTO A STRUCTURAL MEMBER WITHOUT WRITTEN APPROVAL FROM A DESIGNATED STRUCTURAL ENGINEER AND THE OWNER.

21. ALL PIPE ELBOWS SHALL BE LONG RADIUS UNLESS OTHERWISE SPECIFICALLY NOTED ON THE DRAWINGS.

22. ISOLATE AND DRAIN EXISTING PIPING SYSTEM AS REQUIRED TO ACCOMMODATE INSTALLATION OF THE WORK.

23. 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

24. 2016 CBC MECHANICAL, ELECTRICAL AND PLUMBING EQUIPMENT ANCHORAGE NOTES:

1) ALL PERMANENT EQUIPMENT AND COMPONENTS.

2) TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.

3) 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.

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.

## 5 ARCHITECTS 5151 Shoreham Place, Suite 100

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## TCMC PHARMACY RETAIL ROOM

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

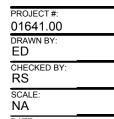
TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
SFEIR ARCHITECTS 5151 SHOREHAM PLACE, SUITE 100 SAN DIEGO, CALIFORNIA 92122 TEL(619)299-3917 FAX(619)299-5084
SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188
P2S 9665 CHESAPEAKE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347



HPD APPROVAL ST OSHPD #:

GENERAL NOTES, LEGENDS, SYMBOLS, & SHEET INDEX 

TCMC PHARMACY RETAIL ROOM





CONSTRUCTION DOCUMENTS

P2S NO. 8733

## AIR BALANCE SCHEDULE

				1															
ļ						CODE F	REQUIREMENTS	PER 2016 CMC TA	BLE 4-A					PROPC	SED DESIGN				
ROOM NUMBER	ROOM NAME	ROOM AREA (SF)	CEILING HEIGHT (FT)	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	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 1	PLY ROOM EXHAUST (CFM)
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	Р	NO	415	375	-	11.30	3.80	-		

## **GRILLES, REGISTERS, DIFF**

MARK	DESCRIPTION	MATERIAL	STYLE				
CD-1	PRICE SMCD	STEEL	LAY-IN				
CD-2	PRICE SMCD	STEEL	HARD LID				
EG-1	PRICE PDDR	STEEL	LAY-IN	Ρ			
EG-2	PRICE 530	STEEL	HARD LID	Ŧ			
1     COORDINATE WITH ARCHITECT.     2     PROVIDE W/ FILI							

1						I					S F E I R
										1	ARCHITECTS
DESIGN						ACTUAL 2	2				5151 Shoreham Place, Suite 100 A San Diego, CA 92122
OM TOTAL CHANGES AC/HR)	ROOM OUTSIDE AIR (AC/HR)	ROOM EXHAUST (AC/HR)	AIR BALANCE RELATIONSHIP TO ADJACENT		ROOM EXHAUST (CFM)	ROOM RETURN (CFM)	N ROOM TOTAL AIR CHANGES (AC/HR)	B ROOM OUTSIDE AII (AC/HR)	ROOM EXHAUST (AC/HR)	REMARKS	P: 619-299-3917 F: 619-299-5084
16	4.45	16	AREAS 1								www.sfeirarch.com
11.30	3.80	_									
							1				TCMC
		GRIL	LES, RE	GISTE	RS. DIF	FUSER	S				PHARMACY
			DESCRIPTION	MATERIAL	STYLE	FRONT BLADES	DAMPER	FINISH		REMARKS	<b>RETAIL ROOM</b>
		CD-1	PRICE SMCD	STEEL	LAY-IN	MODULAR	N/A	1	2		
		CD-2	PRICE SMCD	STEEL	HARD LID	MODULAR	N/A [	1			
		EG-1	PRICE PDDR	STEEL	LAY-IN	PERFORATED	N/A	1	2		TRI-CITY MEDICAL
		EG-2	PRICE 530	STEEL	HARD LID	HORIZONTAL	N/A	1			CENTER
		1 COORI	DINATE WITH ARCI	HITECT. 2	PROVIDE W/ F	ILLER PANEL.					4002 VISTA WAY OCEANSIDE, CALIFORNIA
											92056
											OWNER: TRI-CITY MEDICAL CENTER     4002 VISTA WAY     OCEANSIDE, CALIFORNIA 92056
											TEL(760)724-8411
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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
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											Image: 1         OSHPD COMMENTS         O7/19/17           Image: 2         DESIGN CHANGES         08/18/17
											OSHPD COMMENTS 08/28/17
											REV: DESCRIPTION: DATE:
											CONSULTANT
											OSHPD APPROVAL STAMP: OSHPD #:
											-
											SHEET TITLE:
											SCHEDULES
											PROJECT TITLE: TCMC PHARMACY RETAIL ROOM
											PROJECT #: SHEET NUMBER: 01641.00
											RS SCALE: NA DATE:
All -1-1-2	No part of this work may be re	eproduced or copied in a	iny form or by any means, graph	nic, electronic, or mechanicc	al, including photocopying, re	cording, taping, or information	and retrieval systems without	written permission of the Al			ON DOCUMENTS P2S NO. 8733

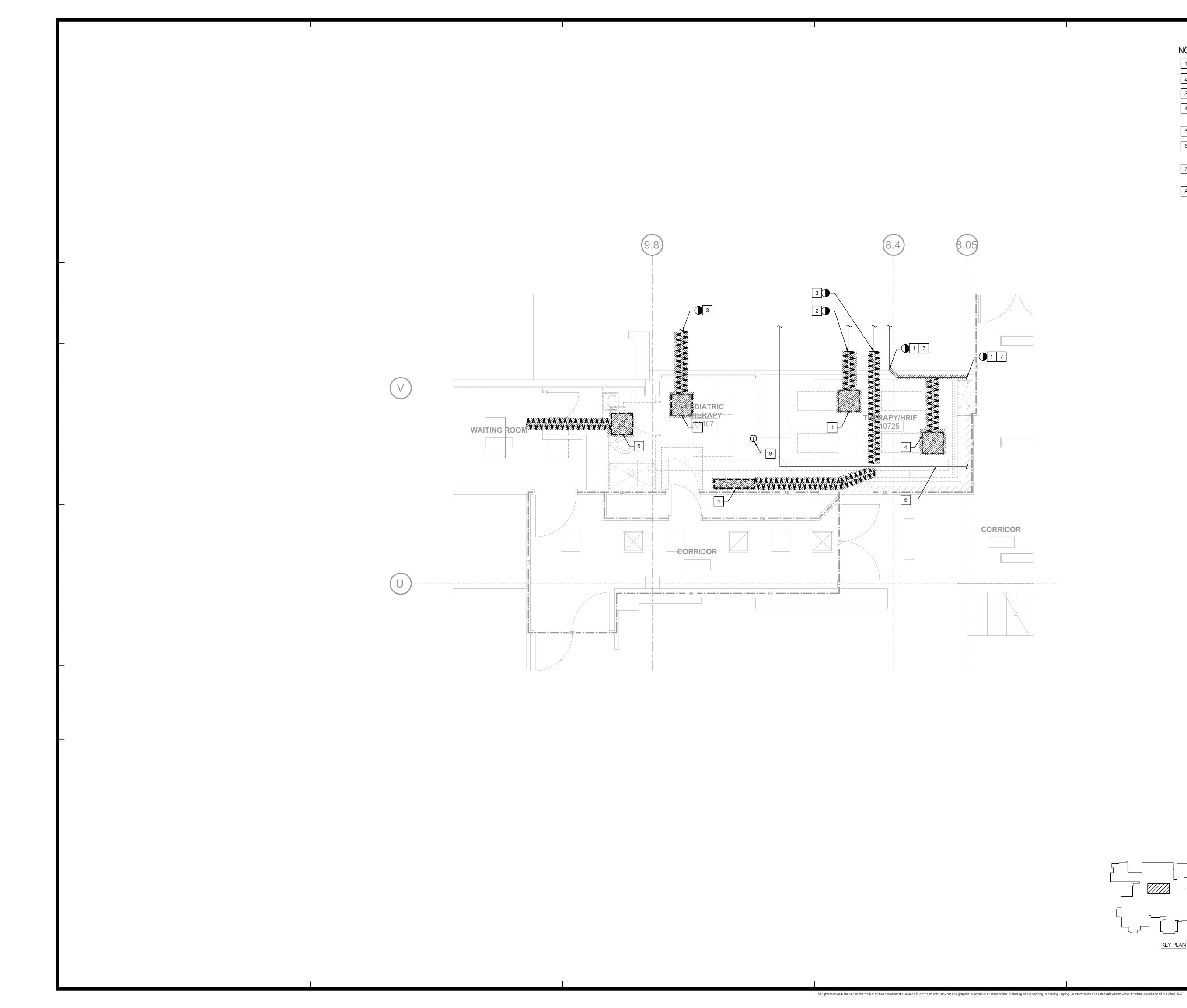
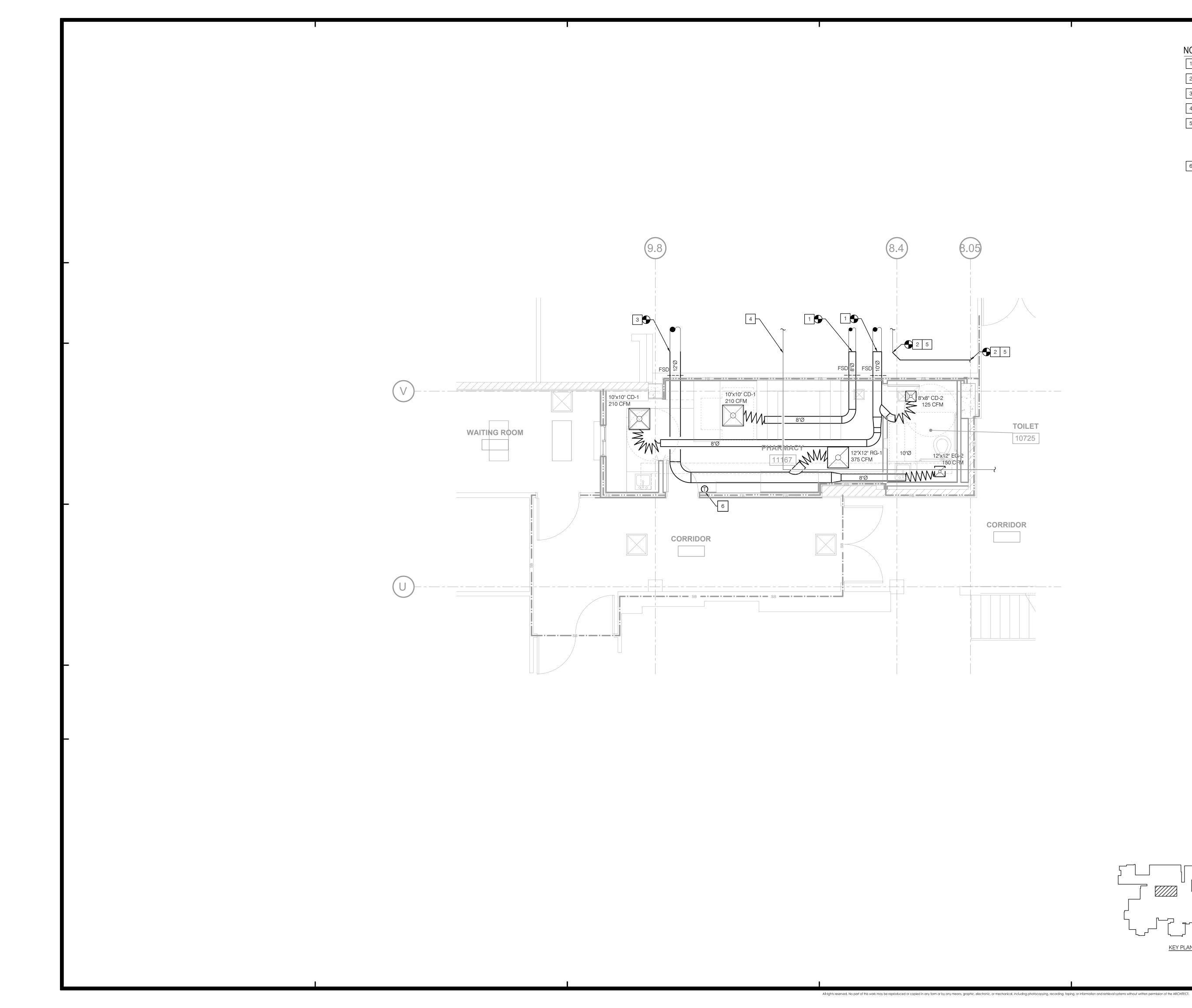


Image: Pod AT RETURN AIR DUCT.         Image: Pod AT SUPPLY AIR DUCT         Image: Pod AT SUPPLY AIR DUCT         Image: Pod AT SUPPLY AIR DUCT         Image: Pod AT EXHAUST AIR DUCT         Image: Provide GRILLE AIRFLOW MEASUREMENT PRIOR TO THE COMMENCEMENT OF ANY WORK         Image: Provide GRILLE AIRFLOW MEASUREMENT OF ANY WORK	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
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$\mathbf{KEY PLAN}$	

CONSTRUCTION DOCUMENTS
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P2S NO. 8733



NOTES
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- 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.



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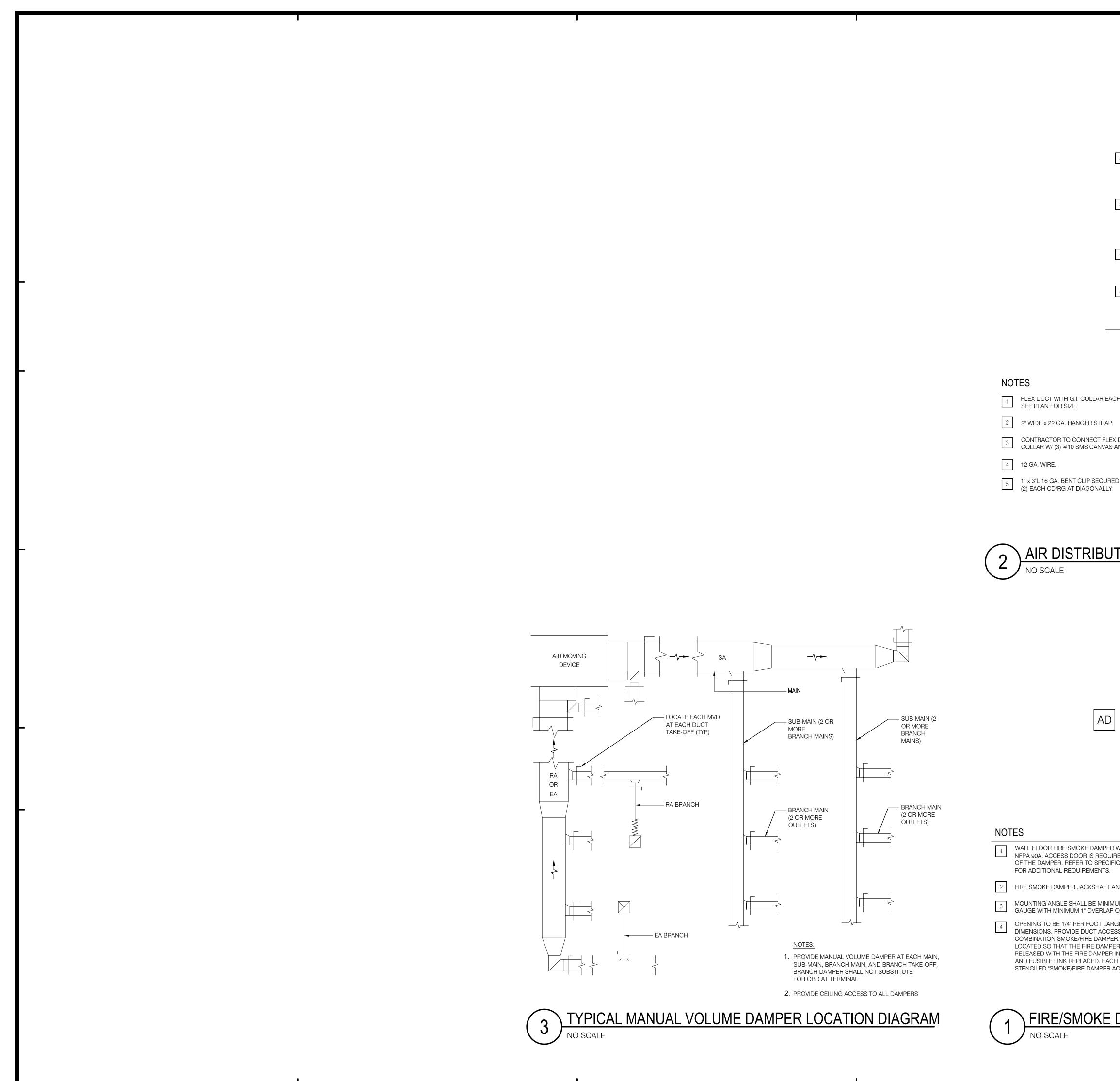
## TCMC PHARMACY **RETAIL ROOM**

## 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 1 SAN DIEGO, CALIFORNIA 92122 TEL(619)299-3917 FAX(619)299-50	
	-	STRUCTURAL:	SUN STRUCTURAL ENGINEERING 2091 LAS PALMAS DRIVE, SUITE I CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188	
		ME&P:	P2S 9665 CHESAPEAKE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347	
		U 17 ★ 0 No. C	ALFORMENTS	9/17
		OSHPD APPROVAL ST OSHPD #:	AMP:	
N		RENO	AL FIRST FLOOR /ATION PLAN RMACY RETAIL ROOM	
1/4" = 1'-0"		PROJECT #: 01641.00 DRAWN BY: ED CHECKED BY: RS SCALE: NA DATE: 06/19/2017	In the second se	1

CONSTRUCTION DOCUMENTS P2S NO. 8733

KEY PLAN



		S       F       E       I       R         A       R       C       H       I       T       E       C       T       S         5151       Shoreham Place, Suite 100       A       S
		TCMC PHARMACY RETAIL ROOM
		TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056
	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.       6       GI. 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.       10       LONG RADIUS TURN - NO KINKS.         6       1       CONNECT TO RIGID DUCT W/ (3) #10 SMS CANVAS AND ARABOL.       11	OWNER:TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411ARCHITECT:SFEIR ARCHITECTS 5151 SHOREHAM PLACE, SUITE 100 SAN DIEGO, CALIFORNIA 92122 TEL(619)299-3917 FAX(619)299-5084STRUCTURAL:SUN STRUCTURAL ENGINEERING, INC. 2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188ME&P:P2S 9665 CHESAPEAKE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347
	2 AIR DISTRIBUTION RESTRAINT NO SCALE	$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} $
		1         OSHPD COMMENTS         07/19/17           2         DESIGN CHANGES         08/18/17           3         OSHPD COMMENTS         08/28/17
SUB-MAIN (2 OR MORE BRANCH MAINS)	AD 0 1 47 AD -	REV: DESCRIPTION: DATE: CONSULTANT OSHPD APPROVAL STAMP: OSHPD #:
BRANCH MAIN (2 OR MORE OUTLETS)	<ul> <li>NOTES         <ul> <li>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.</li> <li>FIRE SMOKE DAMPER JACKSHAFT AND ACTUATOR.</li> </ul> </li> <li>If the smoke damper jackshaft and actuator.</li> <li>Wall FLOOR FIRE SMOKE damper shall be installed per</li> </ul>	
UME DAMPER AT EACH MAIN, AIN, AND BRANCH TAKE-OFF. ALL NOT SUBSTITUTE	<ul> <li>MOUNTING ANGLE SHALL BE MINIMUM OF 1-1/2"X 1-1/2"X14 GAUGE WITH MINIMUM 1" OVERLAP OF WALL ON EACH SIDE.</li> <li>OPENING TO BE 1/4" PER FOOT LARGER THAN DAMPER DIMENSIONS. PROVIDE DUCT ACCESS DOOR AT EACH COMBINATION SMOKE/FIRE DAMPER. DOORS AHLL 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".</li> <li>MALL FLACTURERS INSTRUCTIONS. DAMPER SHALL BE RUSKIN FSD 60-2 AIRFOIL BLADE DESIGN. DAMPER SHALL BE RUSKIN FSD 60-2 AIRFOIL BLADE DESIGN. DAMPER SHALL BE CLASS 2, UL55S 1-1/2 HOUR FIRE RESISTANCE RATING. NFPA STANDARDS 80, 90A, 92A, 92B, 101&amp; 105 UL55SS LISTING R5531 CSFM COMBINATION FIRE/SMOKE DAMPER LISTING #3235-0245:0126</li> <li>REFER TO ELECTRICAL AND FIRE ALARM DRAWINGS FOR ADDITIONAL REQUIREMENTS.</li> </ul>	SHEET TITLE: DETAILS
I	1 FIRE/SMOKE DAMPER NO SCALE	PROJECT TITLE: TCMC PHARMACY RETAIL ROOM PROJECT #: 01641.00 DRAWN BY: ED CHECKED BY: RS SCALE: NA DATE: 06/19/2017
All rights reserved. No part of this work may be reproduced or copied in	any form or by any means, graphic, electronic, or mechanical, including photocopying, recording, taping, or information and retrieval systems without written permission of the ARCHITECT.	DOCUMENTS P2S NO. 8733

### **PROJECT NOTES**

- 1. CONTRACTOR SHALL COORDINATE ARCHITECTURAL REFLECTED CEILINGS 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.
- 2. 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 OWNER'S REPRESENTITIVE PRIOR TO SUBMITTAL.
- 3. PROVIDE ORIGINALLY PREPARED CONTRACTOR'S SHOP DRAWINGS IN ELECTRONIC FORMAT. IN ADDITION TO THE REQUIREMENTS SPECIFIED ELSEWHERE. THE SHOP DRAWINGS SHALL INCLUDE THE FOLLOWING:
- A. DUCT, PIPE AND PLUMBING ELEVATIONS.
- B. DOUBLE LINE DUCTWORK AND PIPING (6" AND LARGER).
- C. ACTUAL SIZE OF PURCHASED EQUIPMENT. PER APPROVED CONTRACTOR'S SHOP DRAWINGS.
- D. ACCESS PANELS INCLUDING CEILING PANELS.
- E. ACCESS CLEARANCES FOR EQUIPMENT.
- F. ACTUAL LOCATIONS OF CEILING DIFFUSERS, REGISTERS, AND RETURN REGISTERS.
- G. LOCATIONS OF STRUCTURAL MEMBERS SUCH AS BEAMS.
- H. ACTUAL LOCATIONS OF CONTROL PANELS AND POWER CONNECTIONS TO EQUIPMENT.
- I. COLOR CODED DUCT AND PIPING BASED ON MATERIAL USED.
- J. MINIMUM 1/4"=1'0" SCALE DRAWINGS.
- K. LABEL AND TAG SCHEDULE FOR EQUIPMENT.
- L. DUCT TRANSITIONS TO CLEAR BEAMS OR TIGHT AREAS.
- M. ROOM TEMPERATURE SENSOR LOCATIONS.
- N. POINT OF CONNECTION TO UTILITIES OUTSIDE THE BUILDING.
- O. SECTIONS OR 3-D DRAWINGS OF CONGESTED AREAS.
- P. GRID LINES.
- Q. UTILITY PROFILES FOR UNDERGROUND PIPING.
- 4. DO NOT COMMENCE WITH ANY INSTALLATION, ORDERING OF ANY EQUIPMENT OR MATERIAL FABRICATION WITHOUT AN APPROVED SHOP DRAWING SUBMITTAL.
- 5. 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

- 1. 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.
- 2. 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.
- 3. THE STRUCTURAL ENGINEER FOR THE CONTRACTOR SHALL DETERMINE THE APPROPRIATE SEISMIC FORCES BASED ON THE DESIGN CRITERIA SHOWN ON THE STRUCTURAL DRAWINGS.
- 4. 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**

- SHALL BE INTERPRETED AS AUTHORITY TO VIOLATE CODE(S) OR REGULATION(S).
- PRIOR TO BID.

- AND SPECIFIED HEREIN.
- A MANNER FOR WHICH THEY ARE DESIGNED AND APPROVED.
- VERSION OF AUTOCAD.
- WITHIN THE CONSTRUCTION AREA.
- FOR HOW LONG A PERIOD OF TIME.
- ADDITIONS.
- PURCHASE AND/OR INSTALLATION OF ALL WORK.
- ELEVATIONS, AND CHARACTERISTICS OF ALL UTILITIES.
- INDICATED AS BEING RELOCATED.
- INSTRUCTIONS.
- DISSIMILAR METALS ARE JOINED.
- AIR-GAP AS REQUIRED BY LOCAL CODES.
- DRAWINGS.
- THE WORK.
- EQUIPMENT CONNECTIONS.
- 23. 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.

1. 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

2. 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

3. WHERE USED, THE TERM "PROVIDE" SHALL MEAN "FURNISH AND INSTALL".

4. IN THE EVENT OF A CONFLICT OR INCONSISTENCY BETWEEN ITEMS INDICATED ON DESIGN PLANS / SPECIFICATIONS WITH CODE REQUIREMENTS, THE MORE STRINGENT STANDARD SHALL PREVAIL.

5. CONTRACTOR SHALL FURNISH LABOR, MATERIALS, EQUIPMENT, AND TRANSPORTATION AS REQUIRED TO PROPERLY INSTALL ALL PLUMBING SYSTEMS OR RELATED COMPONENTS AS INDICATED ON PLANS

6. 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

7. 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

8. 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

9. 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

10. 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

11. 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.

12. CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER TRADES PRIOR TO FABRICATION,

13. BEFORE COMMENCEMENT OF WORK, CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS,

14. CONTRACTOR SHALL SECURE AND PAY ALL FEES AND PERMITS PERTAINING TO THE CONTRACT.

15. EXISTING MATERIALS THAT ARE REMOVED SHALL NOT BE REUSED IN NEW SYSTEMS, EXCEPT WHERE

16. ALL EQUIPMENT SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE MANUFACTURER'S WRITTEN

17. 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.

18. 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

19. ALL PIPING DISCHARGING INTO FLOOR-SINKS AND/OR FLOOR DRAINS SHALL MAINTAIN MINIMUM

20. ALL VALVES, UNIONS, ETC. TO BE SAME SIZE AS LINE SIZE UNLESS OTHERWISE INDICATED ON

21. ISOLATE AND DRAIN EXISTING PIPING SYSTEM AS REQUIRED TO ACCOMMODATE INSTALLATION OF

22. UNIONS SHALL BE PROVIDED AND INSTALLED AFTER EACH SCREW-TYPE VALVE AND PRIOR TO

- 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 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:

- 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 SUPPORT 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 DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

24. 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.

- 25. 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".
- 26. ALL SOIL, WASTE, STORM DRAIN AND VENT PIPING SHALL SLOPE AT 2% UNLESS OTHERWISE INDICATED.
- 27. PIPING THROUGH FIRE RATED WALLS SHALL BE PER U.L. FIRE RESISTANCE SYSTEM NO. W1001. SEE ARCHITECTURAL PLANS FOR ALL WALL LOCATIONS.
- 28. REFER TO THE SPECIFICATIONS BOOK FOR ADDITIONAL REQUIREMENTS.
- 29. 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.
- 30. KEEP ALL PIPING FROM LOAD BEARING FOOTINGS. IF UNABLE TO CLEAR FOOTINGS OR GRADE BEAMS, INSTALL PIPING THROUGH PIPE SLEEVES.
- 31. 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.
- 32. 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.
- 33. ALL VALVES, TRAP PRIMERS, WATER HAMMER ARRESTERS OR OTHER EQUIPMENT SHOWN IN WALLS OR ABOVE NON-ACCESSIBLE CEILINGS SHALL BE INSTALLED BEHIND AN ACCESS PANEL.
- 34. ALL VENT THROUGH ROOF SHALL BE MINIMUM OF 3 FEET VERTICALLY AND 10 FEET HORIZONTALLY FROM ANY AIR CONDITIONING EQUIPMENT FRESH AIR INTAKES.
- 35. VERIFY WITH ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF ALL FLOOR DRAINS, ROOF, OVERFLOW DRAINS AND FLOOR SINKS.
- 36. FIXTURES SHALL BE PROTECTED DURING CONSTRUCTION FROM ANY DAMAGES. REFINISHED FIXTURES WILL NOT BE ACCEPTABLE UNDER ANY CONDITIONS.
- 37. HOSE BIB WITH VACUUM BREAKER SHALL BE PROVIDED UNDER LAVATORY IN EACH PUBLIC RESTROOM.
- 38. INSULATE INDIRECT DRAIN LINES FROM REFRIGERATORS, FREEZERS, ICE MAKER AND ICE BINS WITH MANVILLE AERO-TUBE OR EQUAL TO PREVENT CONDENSATE DRIPS.
- 39. 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.
- 40. PROVIDE AND INSTALL GAS COCKS AND UNION AT EACH GAS FIRED EQUIPMENT.
- 41. PROVIDE AND INSTALL CHROME ANGLE VALVES ON HOT AND COLD WATER SUPPLY AT EACH PLUMBING FIXTURES.
- 42. ALL WATER FAUCETS SHALL BE PROVIDED WITH CODE APPROVED FLOW RESTRICTORS.

<u>SHEET</u> P0.2 P1.1 P3.1 P3.2 PD 3.1

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47. 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.

48. 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.

51. 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.

52. 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 OWNER'S REPRESENTATIVE.

53. ALL EXISTING PIPING DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED WITH MATERIALS TO MATCH EXISTING BY THE CONTRACTOR.

54. PROVIDE AND INSTALL WATER HAMMER ARRESTORS IN THE FOLLOWING LOCATIONS (ONLY NON-FERROUS ARRESTORS MAY BE INSTALLED IN ANY WATER SYSTEM):

55. 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.

56. 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.

58. CLEANOUTS SHALL BE PROVIDED PER 2016 CPC SECTION 707.0 & 719.0 AND TO THE FOLLOWING

LOCATIONS: A. AT EACH BASE OF ROOF DRAIN DOWNSPOUTS.

D. AT EACH AGGREGATE HORIZONTAL CHANGE IN DIRECTION EXCEEDING ONE HUNDRED THIRTY-FIVE (135) DEGREES.

F. ABOVE EACH URINAL

G. BELOW EACH SINK.

59. 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.

60. 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.

61. ALL PLUMBING FIXTURES AND FITTINGS SHALL MEET CALGREEN MANDATORY REQUIREMENT OF 20% REDUCED FLOW RATE SPECIFIED IN TABLE 5.303.2.3.

43. COVER ALL FLOOR DRAINS, FLOOR SINKS, ROOF AND OVERFLOW DRAINS DURING CONSTRUCTIONS TO PREVENT DEBRIS FROM ENTERING PIPE AND PROTECT GRATES FROM DAMAGES.

44. COORDINATE WITH ELECTRICAL CONTRACTOR PRIOR TO ORDERING EQUIPMENT FOR AVAILABLE VOLTAGES AT ALL EQUIPMENT LOCATIONS.

45. COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL TAMPER AND FLOW SWITCH LOCATIONS.

46. 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.

49. DIELECTRIC UNION ISOLATOR WITH THREADED CONNECTIONS SHALL BE PROVIDED FOR CONNECTING INCOMPATIBLE MATERIALS.

50. ALL PLUMBING FIXTURES SHALL BE APPROVED BY OWNER PRIOR TO ORDERING.

- A. 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.
- B. BETWEEN LAST 2 FIXTURES WHEN 3 OR MORE FIXTURES, OTHER THAN THOSE LISTED IN "A" ABOVE, ARE SERVED BY A COMMON HEADER.
- C. 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.

57. ALL CONNECTIONS TO SITE PIPING SHALL BE DONE BY THE PLUMBING CONTRACTOR.

B. AT EACH BASE OF WASTE STACK.

C. AT EVERY 100 FT OF STRAIGHT RUN OF HORIZONTAL PIPING

E. AT EACH HORIZONTAL DRAINAGE PIPE UPPER TERMINAL

## SHEET INDEX

GENERAL NOTES & SHEET INDEX

LEGEND, ABBREVIATIONS, SCHEDULES & DETAIL

OVERALL FIRST FLOOR PLAN PARTIAL FIRST FLOOR RENOVATION PLAN - WASTE AND VENT

PARTIAL FIRST FLOOR RENOVATION PLAN - CW AND HW

PARTIAL FIRST FLOOR DEMOLITION PLAN



5151 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 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



OSHPD #:

### **GENERAL NOTES &** SHEET INDEX

TCMC PHARMACY RETAIL ROOM

PROJECT #:	
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DRAWN BY: ED	
CHECKED BY: RS	
SCALE:	

06/19/2017

## CONSTRUCTION DOCUMENTS

P2S NO. 8733

## LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
-	NOTE CALLOUT		CONDENSATE DRAIN
	DETAIL CALLOUT - NUMBER ON TOP DENOTES DETAIL NUMBER - NUMBER ON BOTTOM DENOTES SHEET DETAIL	G	ELBOW DOWN
$\bigcirc$	IS SHOWN	○ <del>`</del>	PIPE TEE UP & DOWN OR ELBOW UP
-	MECHANICAL EQUIPMENT CALLOUT, SEE MECHANICAL PLANS FOR EXACT LOCATION AND	<del>} −−−−</del>	PIPE TEE DOWN
	REQUIREMENTS	$\sim \sim $	PIPE TEE UP
$\bullet$	POINT OF CONNECTION		
	POINT OF DISCONNECTION		GATE VALVE
22	EXISTING PIPE/EQUIPMENT	, terreta de la construcción de	BALL VALVE
è≠ ≠ ≠ ≠ ≠ ≠ ≠	DEMOLISHED PIPE/EQUIPMENT	·	
.∠IW?	INDIRECT WASTE	<u>}</u>	HOSE BIBB
÷	SANITARY SEWER/WASTE UNDERGROUND		FLOOR DRAIN
<u>}</u>	SANITARY SEWER/WASTE ABOVEGROUND	Ø	FLOOR SINK, 1/2 GRATE
<i>⊱</i>	SANITARY VENT	$\Theta$	FLOOR CLEANOUT
<u> </u>	DOMESTIC HOT WATER RETURN	Ð	CLEANOUT TO GRADE
<i>└─── ───</i>	DOMESTIC HOT WATER SUPPLY	⊫	WALL CLEANOUT
<u>}</u> →	DOMESTIC COLD WATER	P	WATER HAMMER ARRESTOR
<mark>े</mark> SD <del>−−−−−</del>	STORM DRAIN PIPING	•	TRAP PRIMER
⊱SCW ─────	SOFT COLD WATER		

## ABBREVIATIONS

<ul><li>@ AT</li><li>ABV ABOVE</li></ul>
A/C ABOVE CEILING
AC ACETYLENE
AFG ABOVE FINISHED GRADE
AFSR AUTOMATIC FIRE SPRINKLER RISER
AR ARGON GAS
AV ACID VENT
AW ACID WASTE
BEL BELOW
BFP BACKFLOW PREVENTER
B/G BELOW GRADE
B/F BELOW FLOOR
BTM BOTTOM
BV BALL VALVE
C-100 CONDENSATE RETURN
CI CAST IRON
CIP CAST IRON PIPE
CLG CEILING
COTG CLEAN-OUT TO GRADE
CU CUBIC
CW COLD WATER
DEPT DEPARTMENT
DF DRINKING FOUNTAIN
DIA DIAMETER
DN DOWN
DS DOWNSPOUT
DWG DRAWING(S)
(E) EXISTING
EXIST EXISTING
EQUIP EQUIPMENT
EWC ELECTRIC WATER COOLER
F FIRE
F/A FROM ABOVE
F/B FROM BELOW
FCO FLOOR CLEAN-OUT
FD FLOOR DRAIN
FF FINISHED FLOOR
FM FORCE MAIN
FS FLOOR SINK
FT FEET
G NATURAL GAS (LOW PRESSURE)
GAL GALLONS
GPM GALLONS PER MINUTE

ABBREVIATIONDESCRIPTIONGPRGAS PRESSURE GAS PRESSURE REGULATOR H&CW HOT AND COLD WATER HIGH LEVEL HDR HEADER HEIGHT INCHES INDIRECT WASTE L or LAV LAVATORY MAX MAXIMUM MINIMUM MPG NATURAL MEDIUM PRESSURE GAS MTD MOUNTED NOT TO SCALE OXYGEN OVERFLOW DRAIN OS&Y OPEN SCREW AND YOKE POC POINT OF CONNECTION POD POINT OF DISCONNECTION POUNDS PER SQUARE INCH ROOF DRAIN RI&C ROUGH-IN AND CONNECT S-100 STEAM SINK, SEWER, SOIL STORM DRAIN SHUT-OFF VALVE SQUARE SERVICE SINK TO ABOVE TO BELOW TRAP PRIMER TYPICAL UNDERGROUND UON UNLESS OTHERWISE NOTED URINAL SANITARY VENT VOLT VOLTAGE VTR VENT THRU ROOF WASTE WITH WATER CLOSET WCO WALL CLEAN-OUT WATER HEATER WHA WATER HAMMER ARRESTOR

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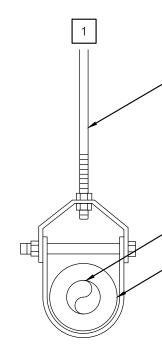
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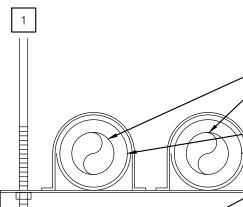
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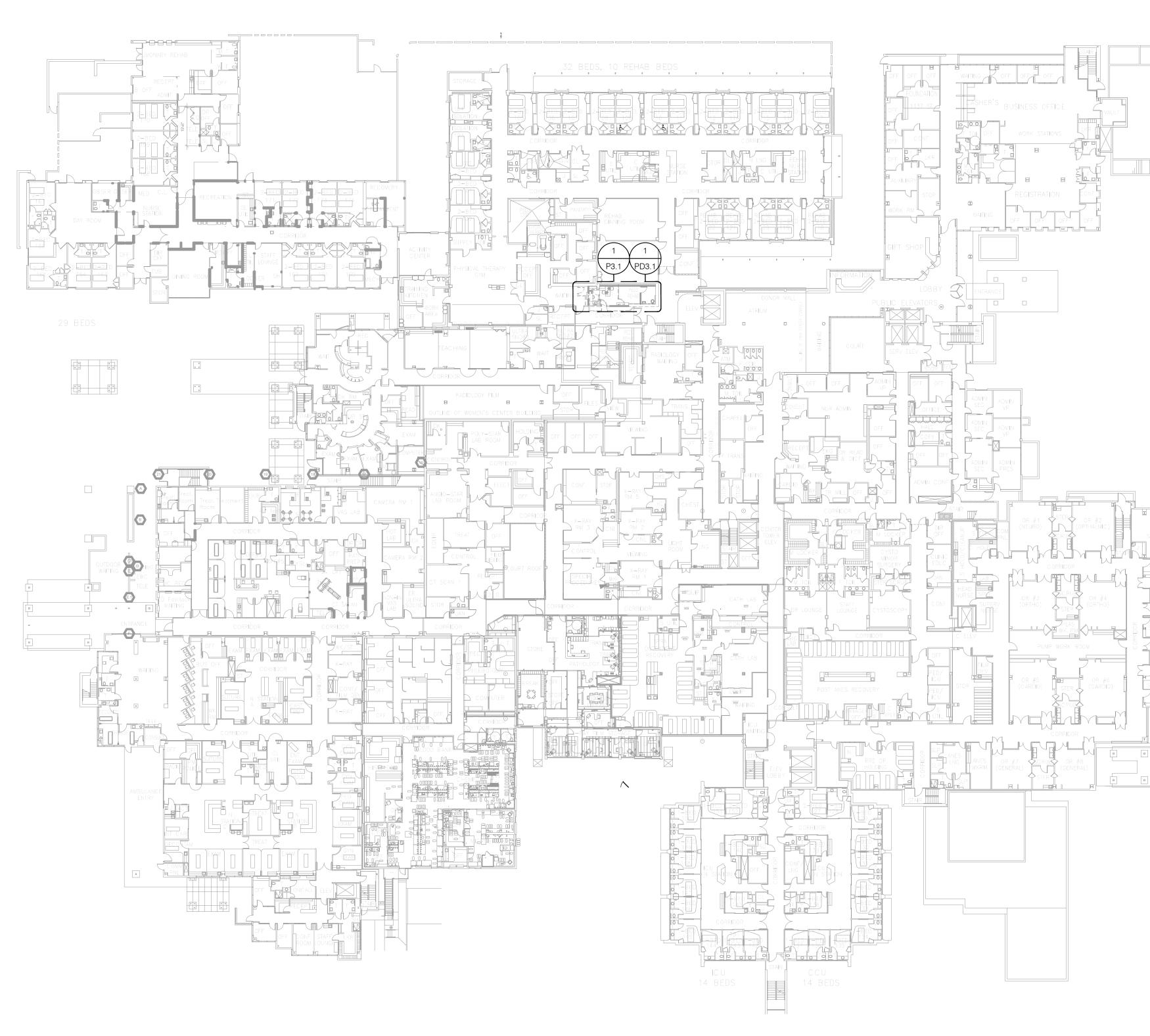
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L-1	LAVATOI (ACCESSII		1/2"	1/2"	1/2"21-1/2"AMERICAN STA VITREOUS CHIN COMPLIANT, W GPM NON AER, ACTIVATED, HA FAUCET. PROV THERMOSTATIO		AMERICAN STANDARD "LUCERNE" #0355, VITREOUS CHINA, WALL HUNG, ADA COMPLIANT, WITH SLOAN OPTIMA ETF-600 0.5 GPM NON AERATING LAMINAR FLOW, SENSOR ACTIVATED, HARD WIRED, 4" CENTERSET FAUCET. PROVIDE WITH LEAD FREE THERMOSTATIC MIXING VALVE, TRANSFORMER, AND LAVATORY SUPPORT.		TCMC PHARMACY
S-1	KITCHEN SINK BOWL	`	1/2"	1/2"	2 <sup>°</sup>	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, 1005 RIGID SUPPLYS AND STOPS, GRID STRAINER, CHROME PLATED 17GA. L.A. PATTERN CAST BRASS P-TRAP.		RETAIL ROOM
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									CENTER
PIPE	SCHE	DUL	E						4002 VISTA WAY OCEANSIDE, CALIFORNIA
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		НОТ		SAME AS ABOVE W, SMALLER. USE 1-1/			DRMED PIPE INSULATION FOR NPS 1-1/4" AND RGER.	-	OWNER: TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056
SANIITA	RY WASTE	ABOV					E", LISTED WITH C.I.S.P.I. AND SHALL COMPLY EL FOUR BAND COUPLINGS ASTM C 1277.		TEL(760)724-8411 ARCHITECT: SFEIR ARCHITECTS
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ΈD	DOMES	TIC WATER	HOT WATE	2	AME AS ABOVE W		,	FORMED PIPE INSULATION FOR NPS 1-1 ARGER.	/4" AND -	OWNER:	TRI-CITY MEDICAL CENTER 4002 VISTA WAY
			ABOVE GRA		IO-HUB CAST IRO	N BY "AB&I, TYLE	ER OR CHARLOT	TE", LISTED WITH C.I.S.P.I. AND SHALL C			OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
	SANITA	RY WASTE	BELOW GRA		IO-HUB CAST IRO	N BY "AB&I, TYLE	ER OR CHARLOT	TE", LISTED WITH C.I.S.P.I. AND SHALL C	OMPLY	ARCHITECT:	SFEIR ARCHITECTS 5151 SHOREHAM PLACE, SUITE 100 SAN DIEGO, CALIFORNIA 92122
					IO-HUB CAST IRO	N BY "AB&I, TYLE	ER OR CHARLOT	EEL FOUR BAND COUPLINGS ASTM C 12 TE", LISTED WITH C.I.S.P.I. AND SHALL C	OMPLY	QTDI ICTUDAL	SUN STRUCTURAL ENGINEERING, INC
	SANITA	ARY VENT	CONCEALE		VITH STANDARD 3	01, HEAVY-DUTY	STAINLESS STI	EEL FOUR BAND COUPLINGS ASTM C 12	77.	SIRUUIUKAL:	2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011
MILITARY NOT MENTIONED OTHER STANDARD			EXPOSED					EEL FOUR BAND COUPLINGS ASTM C 12		ME&P:	TEL(760)438-1188 P2S 9665 CHESAPEAKE, SUITE 230
										107 P. 1	-31-19 SIGNED: 6/9/17
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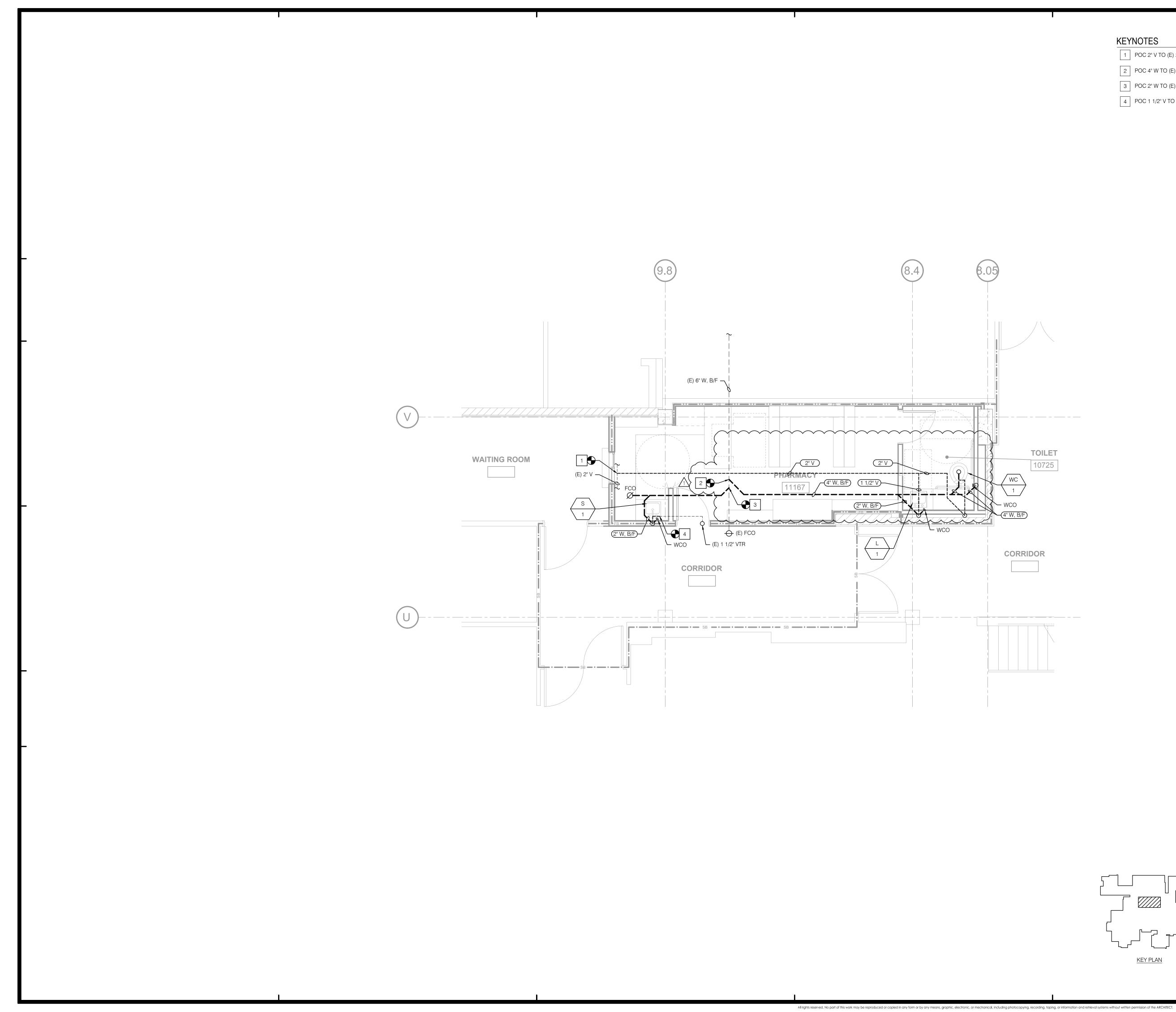




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			SFEIRARCHITECTARCHITECTS5151 Shoreham Place, Suite 100Image: State 100Image: State 100Image: State 100Image: State 100Image: State 1005151 Shoreham Place, Suite 100Image: State 100Image: State 100Image: State 100Image: State 100Image: State 1005151 Shoreham Place, Suite 100Image: State 100Image: State 100Image: State 100Image: State 100State 100Image: State 100Image: State 100Image: State 100Image: State 100Image: State 100State 100Image: State 100Image: State 100Image: State 100Image: State 100Image: State 100State 100Image: State 100Image: State 100Image: State 100Image: State 100Image: State 100State 100Image: State 100Image: State 100Image: State 100Image: State 100Image: State 100State 100Image: State 100Image: State 100Image: State 100Image: State 100Image: State 100State 100Image: State 100Image: State 100Image: State 100Image: State 100Image: State 100State 100Image: State 100Image: State 100Image: State 100Image: State 100Image: State 100State 100Image: State 100Image: State 100Image: State 100Image: State 100Image: State 100State 100Image: State 100Image: Sta
			PHARMACY RETAIL ROOM TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA
		-	92056 WNER: 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
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ng, taping, or information and retrieval systems without written permission of the A	$1/32^{"} = 1'-0"^{-32}$		PROJECT #:       O1641.00         DRAWN BY:       SHEET NUMBER:         DD       CHECKED BY:         RS       SCALE:         1/32" = 1'-0"       DATE:         06/19/2017       P2S NO. 8733

CONSTRUCTION DOCUMENTS P2S NO. 8733



### KEYNOTES

- 1 POC 2" V TO (E) 2" V.
- 2 POC 4" W TO (E) 6" W.

KEY PLAN

- 3 POC 2" W TO (E) 6" W.
- 4 POC 1 1/2" V TO (E) 1 1/2" V.



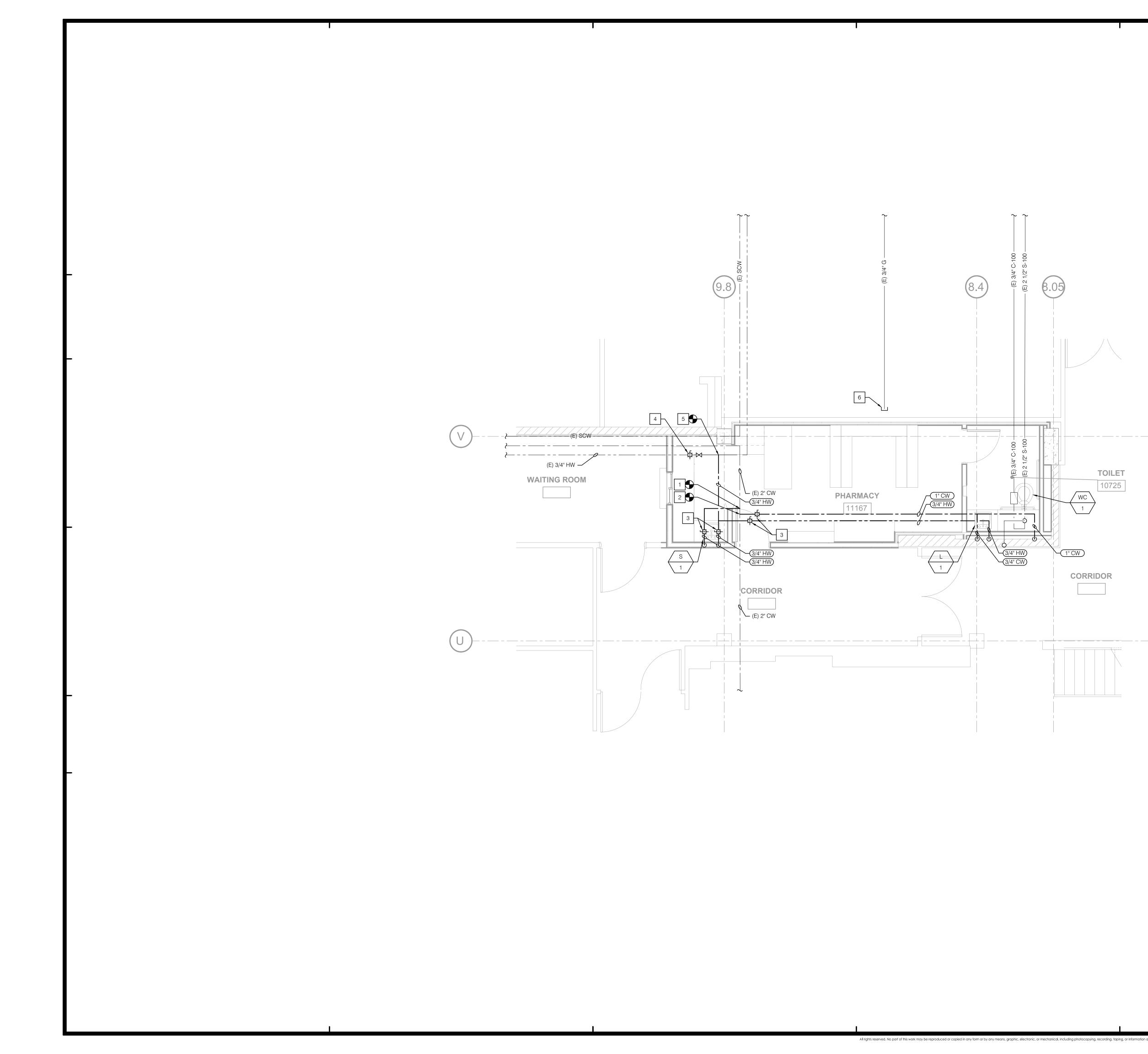
P: 619-299-3917 F: 619-299-5084 www.sfeirarch.com

## 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 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
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	REV: DESCRIPT	TION: DATE:
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	PROJECT TITLE:	E AND VENT RMACY RETAIL ROOM
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CONSTRUCTION	DOCUN	<b>ENTS</b> P2S NO. 8733

TOILET 10725



### 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.

KEY PLAN

val systems without written permission of the ARCHITECT.

6 CAP (E) 3/4" G PIPE AIR AND WATER TIGHT.

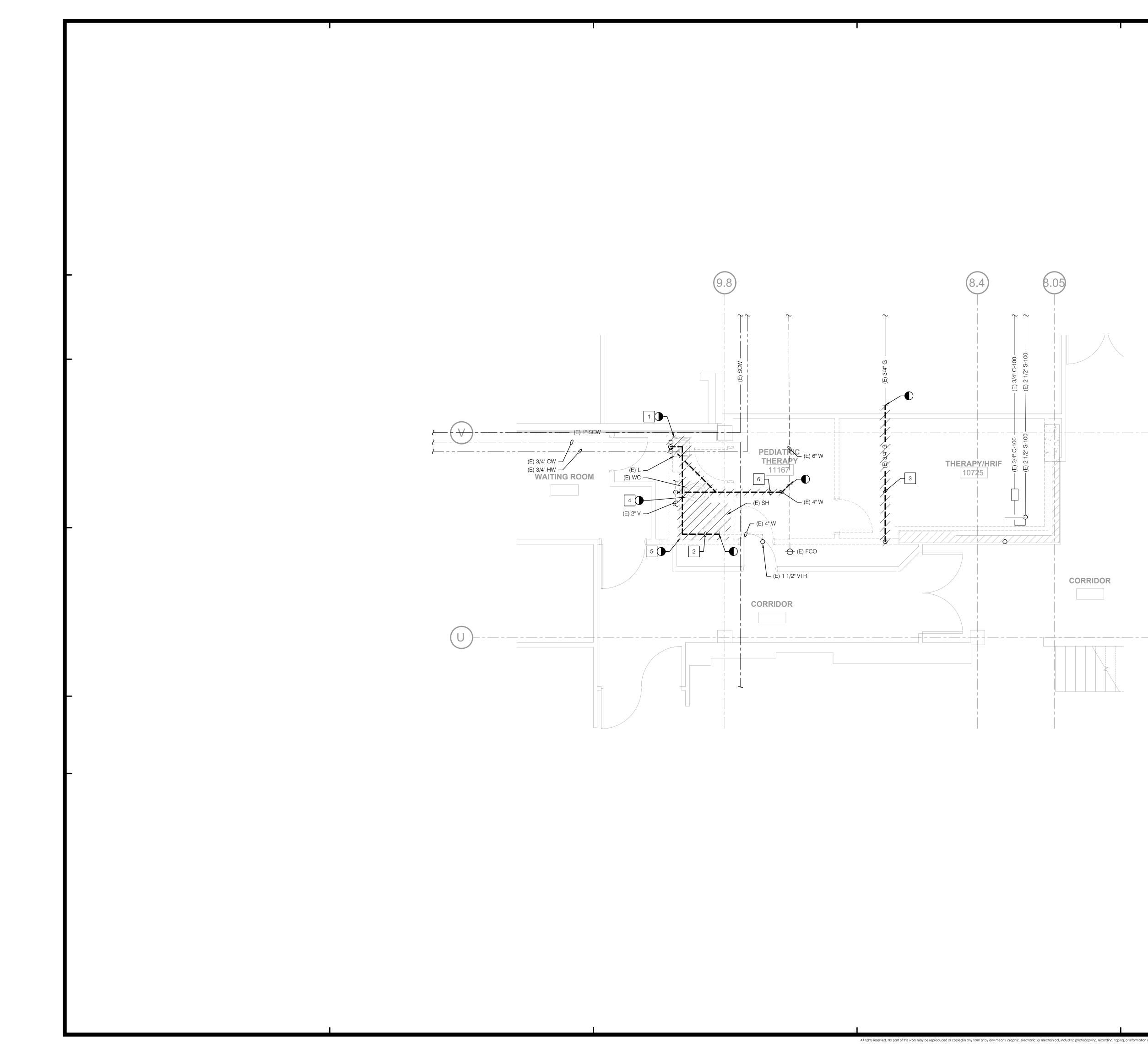
# S F E I R A R C H I T E C T S 5151 Shoreham Place, Suite 100 S

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

	- 1	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	
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0 1/4" = 1'-0" 4		TCMC PHA PROJECT #: 01641.00 DRAWN BY: ED CHECKED BY: RS SCALE:	RMACY RETAIL ROOM	
CONSTRU	JCTION D	NA DATE: 06/19/2017		



### 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.

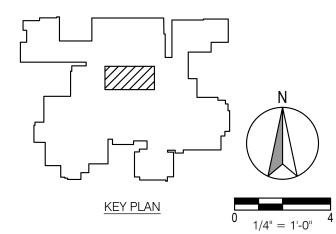


P: 619-299-3917 F: 619-299-5084 www.sfeirarch.com

## 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 5151 SHOREHAM PLACE, SUITE 100 SAN DIEGO, CALIFORNIA 92122 TEL(619)299-3917 FAX(619)299-5084
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	ME&P:	P2S 9665 CHESAPEAKE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347
	* Son Na. Ca	
_		OMMENTS         07/19/17           HANGES         08/18/17
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	OSHPD APPROVAL ST OSHPD #:	FAMP:
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		AL FIRST FLOOR _ITION PLAN
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0 = 1/4" = 1'-0"	PROJECT #: 01641.00 DRAWN BY: ED CHECKED BY: RS SCALE: NA	PD3.1
CONSTRUCTION	DATE: 06/19/2017	<b>1ENTS</b> P2S NO. 8733



No.1.11     Discrete state of a state of	<u>SYMBOL</u>	DESCRIPTION		2X2 LIGHT FIXTURE	ABBREVIATIO	DN DESCRIPTION	ABBREVIATION	DESCRIPTION
Image: second	- N	NOTE CALLOUT		2X2 LIGHT FIXTURE UNSWITCHED/NIGHT LIGHT WITH 90 MINUTE				
Interface         Interface <thinterface< th="">         Interface         <thinterface< th="">         Interface         Interface</thinterface<></thinterface<>		DETAIL CALLOUT		EMERGENCY BATTERY PACK	_			
Product State	-		0					LOAD INTERRUPTER SWITCH LOCATION
				,				
Image: set of the set of th	$\leftarrow \rightarrow$		0	RECESSED WALLWASH LIGHTING FIXTURE				MAXIMUM MOTOR CONTROL CENTER
Loop         Autor Scheller         Market Bis Scheler         Market Bis Scheler         Market Bis			Q	WALL MOUNTED LIGHT FIXTURE				MOTOR CIRCUIT PROTECTOR MANUFACTURER
				····==····==····==·····	ARCH.			MANHOLE MECHANICAL INTERLOCK
Image: section of the sectio					ATS	AUTOMATIC TRANSFER SWITCH		MULTI-RATIO CURRENT TRANSFORMER
CT         CT         CT         Protect			<b>Q</b>		AUX	AUXILIARY	MTG	MOUNTING
Image: Source in the second	<b>-</b>	EEDER CALLOUT	0	JUNCTION BOX	BAT	BATTERY	Ν	
Image: Section of the section of t	E	XISTING FEEDER CALLCOUT	Ş		BKBD	BACKBOARD	NC	
Image: Additional addite additionaddite additional additional additional additional add		JEW LINEWORK	<b>s</b> ab	SWITCH DUAL	BLDG	BUILDING	NF	NON-FUSED
And with a state of the state of t	E	XISTING LINEWORK	<b>¥</b>		С	CONDUIT	NL	NIGHT LIGHT- 24HRS ON
Base in the supremutation of	<del>∽ ,                                   </del>	DEMOLISHED LINEWORK	Ş	SWITCH 3-WAY (48" AFF MAXIMUM)	CC	CONSTANT CURRENT	OC	ON CENTER
Article		CONDUIT CONCEALED IN WALL OR ABOVE CEILING	<b>₽</b> <sup>M</sup>	SWITCH MOTOR RATED	CL	CENTER LINE	OE	OVERHEAD ELECTRICAL
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	<b></b>	CONDUIT EXPOSED	$\mathbf{S}^{T}$	TIMER SWITCH (48" AFF MAXIMUM)	CMU	CONCRETE MASONRY UNIT	OH	OVERHEAD
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		CONDUIT CONCEALED UNDERGROUND OR BELOW FLOOR	X No		COL	COLUMN	Р	POLE
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $					CPT	CONTROL POWER TRANSFORMER	PC	PHOTOCELL
No.7 Bit No.7 Bi				MOTION SENSOR WITH DUAL SWITCHING	CSU			PRESSURE DIFFERENTIAL SWITCH
$ \left  \begin{array}{c c c c } & \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $			CS	MOTION SENSOR - CEILING MOUNTED	CT	CURRENT TRANSFORMER	PH OR Ø	PHASE
Image: Section of the sectio			Ρ	MOTION SENSOR POWER PACK		COPPER		PAPER INSULATED, LEAD COVER POST INDICATING VALVE
$ \begin{array}{ c c c c } \hline \hline$			ТМ	DIGITAL TIMER SWITCH				
Image: Problem         Problem (if in the problem)         Problem (if				LOW VOLTAGE SWITCH	DM	DIGITAL METER	POC	POINT OF CONNECTION
Image: Market of the second	A-1 -			DIMMER SWITCH	DIST.	DISTANCE	PVC	POLY-VINYL CHLORIDE
Production of the second of the sec					DWP	DEPARTMENT OF WATER & POWER	REC/RECEPT	RECEPTACLE
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		SMALL MARK DENOTES HOT WIRE			ELEC.	ELECTRICAL	RGS	RIGID GALVANIZED STEEL
Y         Music         Y         Alb         Part Dec				DUPLEX - WALL	EMT	ELECTRICAL METALLIC TUBING	RM	ROOM
Image: Section of the sectio	<b>%</b> s	SWITCH	Ŧ	QUAD - WALL	EPR	ETHYLENE PROPYLENE RUBBER	SF	SQUARE FEET
Image: second	<u> </u>		P	GROUND FAULT CIRCUIT INTERRUPTER - WALL	EXIST/(E)	EXISTING	SIG.	SIGNAL
Image: Control of the second			8		FA			
Market         Market<			0					
Image: constraint of the set of	° / 2	2-WAY SWITCH	Щ					
New Constr         Col         Cold Cold         Cold Cold Cold         Cold Cold Cold         Cold Cold         Cold Cold Cold         Cold Cold	F		<u>ш</u>					
Intervent         Intervent <t< td=""><td></td><td></td><td></td><td>SINGLE - WALL</td><td>FLUOR</td><td>FLUORESCENT</td><td></td><td></td></t<>				SINGLE - WALL	FLUOR	FLUORESCENT		
Image: Section of the sectin of the section of the section			Q	JUNCTION BOX - WALL	FACP	FIRE ALARM CONTROL PANEL	TMH	TELEPHONE MANHOLE
Image:         Image:<		GROUND CONNECTION	Φ	DUPLEX - SURFACE	FO	FIBER OBTIC	T.O.M.	TOP OF MANHOLE
Image: space		NOTOR - SINGLE PHASE FRACTIONAL OR INTEGRAL HORSEPOWER	Ð	QUAD - SURFACE	GFI	GROUND FAULT INTERRUPTER	TRANSF/XFMF	TRANSFORMER
Instruct Data University Wardan         Instruct Data		/ETER	Φ	GROUND FAULT CIRCUIT INTERRUPTER - SURFACE	GG	GREEN GROUND	TYP	TYPICAL
Lui (DUL (ALC))         Lui (DUL (ALC))         Antiparticity         Anti				DEDICATED - SURFACE	HOA	HAND-OFF-AUTOMATIC		UNLESS OTHERWISE NOTED
Image: second product				SWITCHED - SURFACE	HT	HEIGHT		VOLT-AMPERES
Image: market with the second secon		DRAWOUT BREAKER			HZ	HERTZ	VFD	VARIABLE FREQUENCY DRIVE
Image:	→ →							
Image:	م			JUNCTION BOX - SURFACE	-			
Image:	Ĵ ↓	DRAWOUT BREAKER 2		DUPLEX - FLOOR OR CEILING	-		Z	IMPEDANCE
Product     Product Transmit Transmi Transmit Transmit Transmit Transmit Transmit Transmit Tra				QUAD - FLOOR OR CEILING	IN THE EVEN	T ABBREVIATIONS NOT MENTIONED HEREIN	ARE USED, REFERE	NCE WILL BE MADE TO ANSI Y1.1, MILITARY
Image: Second Constant Constant     Discondicit Constant       Image: Second Constant     Discondicit Constant   <	P	PANEL	D	GROUND FAULT CIRCUIT INTERRUPTER - FLOOR OR CEILING	STANDARD A	ABBREVIATIONS, AND OTHER STANDARD IND	USTRY CONVENTIO	NS.
PROVINEOUS SWITCH     Image: PLOCH OF CREMING       Image: PLOCH OF CREMING     Image: PLOCH OF CREMING    <				DEDICATED - FLOOR OR CEILING	_			
Image: Construct source of so	%			SWITCHED - FLOOR OR CEILING				
Image: Provide the second of the second o		DISCONNECT SWITCH	D	SINGLE - FLOOR OR CEILING	_			
Image: Product Sector Former Sector Forme		USED DISCONNECT SWITCH	O	JUNCTION BOX - FLOOR OR CEILING	_			
Rel     Construction structure costsconnect switch     Model     Model Herminute - Power Pole FFED Connection       Image: Subscine structure switch - Sw			0	FIRE-RATED POKE-THROUGH TYPE DUPLEX RECEPTACLE	_			
Image: Public Product Product Product Power			<b>е</b> ~_0н	MODULAR FURNITURE - BASE POWER WHIP FEED CONNECTION	_			
SPLICE PROVIDE GRAPHINATION   A FEMANATION   A CMSTING TEMMNATION   A CMSTING TEMMNATION   A MODULAR SPLICE   V MODULAR SPLICE   V MODULAR SPLICE   V PANELBOARD, 120/2097 - RECESSED   V MODULAR SPLICE   V MODULAR SPLICE   V PANELBOARD, 277/4007 - SUFFACE   V PANELBOARD, 277/4007 - SUFFACE <t< td=""><td></td><td>· · · · · · · · · · · · · · · · · · ·</td><td></td><td>MODULAR FURNITURE - POWER POLE FEED CONNECTION</td><td>_</td><td></td><td></td><td></td></t<>		· · · · · · · · · · · · · · · · · · ·		MODULAR FURNITURE - POWER POLE FEED CONNECTION	_			
Image: market	S	SPLICE		PANELBOARD, 120/208V - RECESSED				
A     DXSTING TERMINATION     PANELBOARD, 120/208V - SURFACE       MODULAR SPLICE     PANELBOARD, 277/480V - SURFACE       B     PANELBOARD, 277/480V - SURFACE       C     DXSTING MODULAR SPLICE       B     PANELBOARD, 277/480V - SURFACE       C     DXSTING MODULAR SPLICE       B     PANELBOARD, 277/480V       C     DXSTING MODULAR SPLICE       C     PROVIDE BACKBOX AND 1/2 CONDUIT TO CORRESPONDING HVAC UNT.       C     TX4 FLUORESCENT LIGHT FIXTURE UNSWTCHED/NIGHT LIGHT WITH 90 MINUTE SHERGENCY BATTERY PACK       C     TX4 FLUORESCENT STRIP LIGHT FIXTURE       MINUTE SHERGENCY BATTERY PACK     C       C     CTV NUDCOR CAMERA - BY OTHERS       SYMBOL     DESCRIPTION       D     CCTV INDOOR CAMERA - BY OTHERS       SYMBOL     DESCRIPTION	▲ T	ERMINATION	7777	PANELBOARD, 277/480V - RECESSED				
Image: Moduluar SPluce     Image: Moduluar Spluce     PanelBoard, 277/480V - SURFACE       Image: Surface Scent light Fixture     Image: Straight Scent light Fixture     Image: Straight Scent light Fixture       Image: Straight Scent light Fixture     Image: Straight Scent light Fixture     Image: Straight Scent light Fixture       Image: Straight Scent light Fixture     Image: Straight Scent light Fixture     Image: Straight Scent light Fixture       Image: Straight Scent light Fixture     Image: Straight Scent light Fixture     Image: Straight Scent light Fixture       Image: Straight Scent light Fixture     Image: Straight Scent light Fixture     Image: Straight Scent light Fixture       Image: Straight Scent light Fixture     Image: Straight Scent light Fixture     Image: Straight Scent light Fixture       Image: Straight Scent light Fixture     Image: Straight Scent light Fixture     Image: Straight Scent light Fixture       Image: Straight Scent Scent Straight Scent Scent Straight Scent Straight Scent Scent Straight Scent Straight Scent Straight Scent Scent Straight Scent Straight Scent Scent Straight Scent Straight Scent Scent Straight Scent Scent Straight Scent Scent Straight Scent Scent Scent Straight Scent Sc	Δ Ε	EXISTING TERMINATION			_			
Image: Problem in the image: Prob	<b>T</b> N	/ODULAR SPLICE			_			
2X4 FLUORESCENT LIGHT FIXTURE   2X4 FLUORESCENT LIGHT FIXTURE UNSWITCHED/NIGHT LIGHT WITH 90   MINUTE EMERGENCY BATTERY PACK   MINUTE EMERGENCY BATTERY PACK   1X4 FLUORESCENT LIGHT FIXTURE   1X4 FLUORESCENT LIGHT FIXTURE   MINUTE EMERGENCY BATTERY PACK   IX4 FLUORESCENT LIGHT FIXTURE   IX4 FLUORESCENT STRIP LIGHT FIXTURE   IX4	₩ E	EXISTING MODULAR SPLICE			-			
2X4 FLUORESCENT LIGHT FIXTURE UNSWITCHED/NIGHT LIGHT WITH 90 MINUTE EMERGENCY BATTERY PACK       Image: Constant of the constant of th	2	2X4 FLUORESCENT LIGHT FIXTURE			_			
144 FLUORESCENT LIGHT FIXTURE     144 FLUORESCENT LIGHT FIXTURE UNSWITCHED/NIGHT LIGHT WITH 90   144 FLUORESCENT LIGHT FIXTURE UNSWITCHED/NIGHT UITH 90   144 FLUORESCENT STRIP LIGHT FIXTURE UNSWITCHED/NIGHT UITH 90   144 FLUORESCENT STRIP LIGHT FIXTURE   145 FLUORESCENT STRIP FLUORESCENTER   145 FLUORESCENT STRIP FLUORESCENTER   145 FLUORESCENT STRIP FLUORESCENTER   145 FLUORESCENT STRIP FLUORESCENTER					_			
Image: Constraint of the second o				PROVIDE BACKBOX AND 1/2" CONDUIT TO CORRESPONDING HVAC UNIT.				
Image: Minute EMERGENCY BATTERY PACK       Image: CTV OUTDOOR CAMERA - BY OTHERS         Image: Minute EMERGENCY BATTERY PACK       Image: CTV OUTDOOR CAMERA - BY OTHERS         Image: Minute EMERGENCY BATTERY PACK       Image: CTV OUTDOOR CAMERA - BY OTHERS         Image: Minute EMERGENCY BATTERY PACK       Image: CTV OUTDOOR CAMERA - BY OTHERS         Image: Minute EMERGENCY BATTERY PACK       Image: CTV INDOOR CAMERA - BY OTHERS         SYMBOL       DESCRIPTION       Image: CTV INDOOR CAMERA - BY OTHERS         SYMBOL       DESCRIPTION       Image: CTV INDOOR CAMERA - BY OTHERS         Image: Minute EMERGENCY BATTERY PACK       Image: CTV INDOOR CAMERA - BY OTHERS         Image: Minute Emergency Battery Pack       Image: CTV INDOOR CAMERA - BY OTHERS         SYMBOL       DESCRIPTION       Image: CTV INDOOR CAMERA - BY OTHERS         Image: Minute Emergency Battery Batter			<u>⊶</u> –	LIGHT POLE	_			
Image: Fluorescent strip light fixture       Image: Fluorescent strip light fixture       Image: Fluorescent strip light fixture         SYMBOL       DESCRIPTION       Image: Fluorescent strip light fixture       Image: Fluorescent strip light fixture         SYMBOL       DESCRIPTION       Image: Fluorescent strip light fixture       Image: Fluorescent strip light fixture         SYMBOL       DESCRIPTION       Image: Fluorescent strip light fixture       Image: Fluorescent strip light fixture         Image: Fluorescent strip light fixture       DESCRIPTION       Image: Fluorescent strip light fixture         Image: Fluorescent strip light fixture       Image: Fluorescent strip light fixture       Image: Fluorescent strip light fixture         Image: Fluorescent strip light fixture       Image: Fluorescent strip light fixture       Image: Fluorescent strip light fixture       Image: Fluorescent strip light fixture         Image: Fluorescent strip light fixture       Image: Fluorescent strip light fixture       Image: Fluorescent strip light fixture       Image: Fluorescent strip light fixture         Image: Fluorescent strip light fixture       Image: Fluorescent strip light fixture       Image: Fluorescent strip light fixture       Image: Fluorescent strip light fixture         Image: Fluorescent strip light fixture       Image: Fluorescent strip light fixture       Image: Fluorescent strip light fixture       Image: Fluorescent strip light fixture         Image: Fluorescent strip light				CCTV OUTDOOR CAMERA - BY OTHERS	_			
SYMBOL     DESCRIPTION       Image: Description     Image: Description	F	ELUORESCENT STRIP LIGHT FIXTURE			_			
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			Ø	PHOTO-CELL CEILING SENSOR	_			
			<b>⋏</b> <sub>⋛</sub> ⋭	GROUND BUS BAR	_			
WHEELOCK CH90-24MCC-FR		$\Delta$	Ē		_			

ABBREVIATION	DESCRIPTION

## **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 CLEARNESS 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 DSA 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 13.6.8, 13.6.7, 13.6.5.6, 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 MANUFACTURER'S 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 PENETRATION FIRESTOP SYSTEM OR MEMBRANE PENETRATION FIRESTOP SYSTEM INSTALLED AS TESTED IN ACCORDANCE WITH ASTM E 814 OR UL 1479, WITH A MINIMUM POSITIVE PRESSURE DIFFERENTIAL OF 0.01 INCH (2.49 PA) OF WATER OR AS OTHERWISE PERMITTED BY CBC, SECTION 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**

- DRAWINGS OF EXISTING CONDITIONS HAVE BEEN COMPILED FROM EXISTING DATA SUPPLIED BY THE OWNER TO THE ARCHITECT. THE ARCHITECT MAKES NO WARRANTY, EITHER EXPRESSED OR IMPLIED FOR THE ACCURACY OR COMPLETENESS OF THE EXISTING INFORMATION RECORDED. FIELD VERIFY ALL EXISTING CONDITIONS NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
- THE OWNER RESERVES THE RIGHT TO SALVAGE ANY DEMO ITEM. VERIFY ITEMS TO BE SALVAGED WITH THE OWNER PRIOR TO THE START OF DEMOLITION. REMOVE, PROTECT, AND TURN OVER SUCH ITEMS BY DIRECTED BY THE OWNER.
- 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 "ELECTRICAL" 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 OWNER'S MAINTENANCE PERSONNEL ADVISED OF SUCH WORK.
- 18. PROVIDE NEW UPDATED TYPED PANEL CIRCUITS INDEXES FOR EXISTING AND NEW PANEL BOARDS.
- 19. LIGHT LINES INDICATE EXISTING CONDITIONS. DARK LINES INDICATE EXISTING CONDITIONS THAT ARE MODIFIED OR ARE NEW.

### SHEET INDEX

### NUMBER SHEET TITLE

NOMBER	
E0.1	GENERAL NOTES, LEGEND, SYMBOL & SHEET INDEX
E2.1	OVERALL FIRST FLOOR PLAN
ED3.1	ENLARGED DEMOLITION POWER AND LIGHTING - LE

ENLARGED DEMOLITION POWER AND LIGHTING - LEVEL 1 FLOOR PLAN

ENLARGED REMODEL POWER AND LIGHTING - LEVEL 1 FLOOR PLAN

E5.1 ELECTRICAL PARTIAL SINGLE LINE DIAGRAM AND PANEL SCHEDULES

E6.1 ELECTRICAL DETAILS

## ARCHIT 5151 Shoreham Place, Suite 100

San Diego, CA 92122

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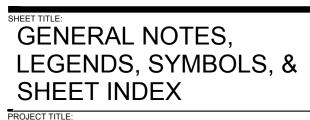
## TCMC PHARMACY RETAIL ROOM

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

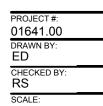
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TCMC PHARMACY RETAIL ROOM

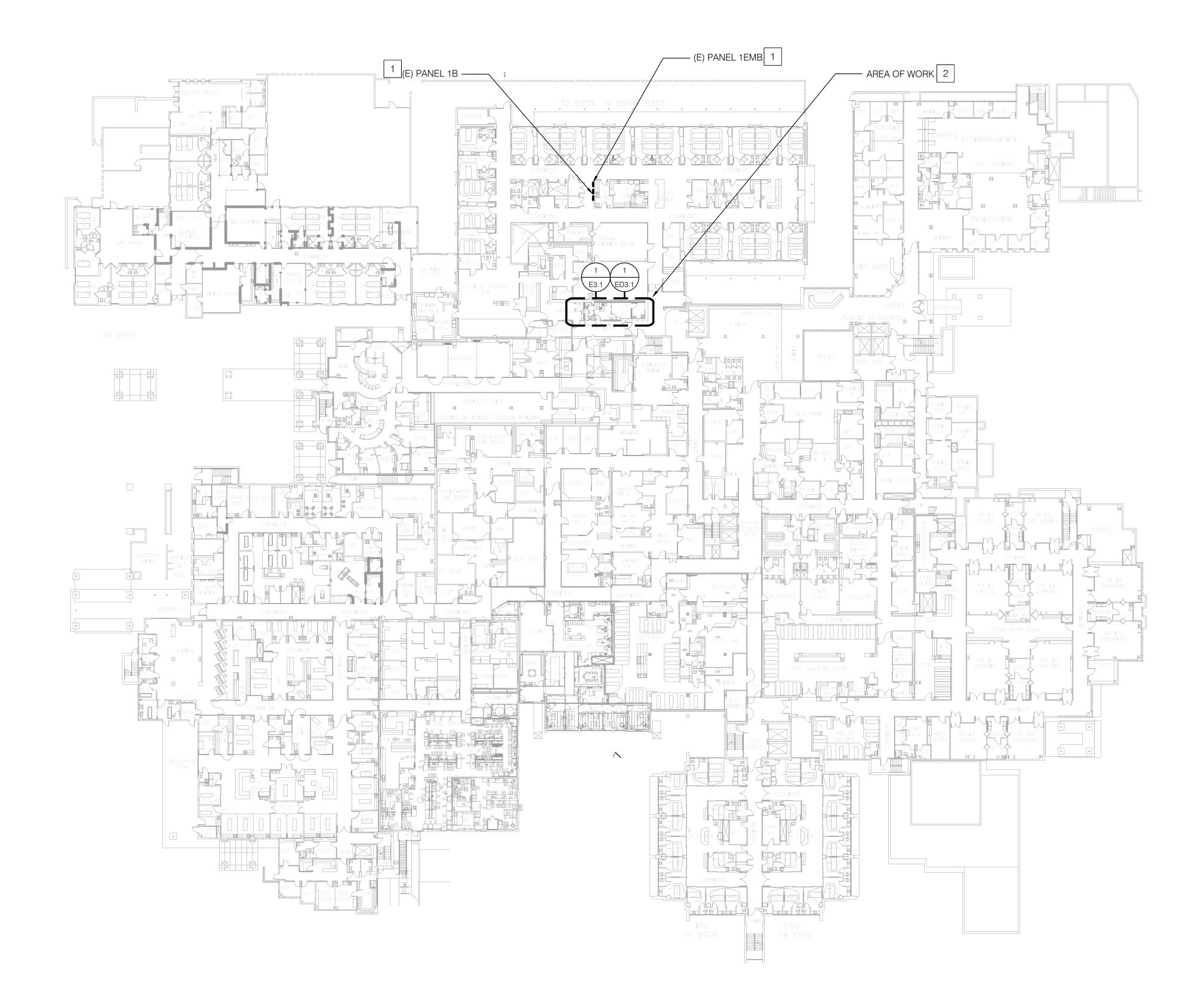




## CONSTRUCTION DOCUMENTS

P2S NO. 8733

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## TCMC PHARMACY **RETAIL ROOM**

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

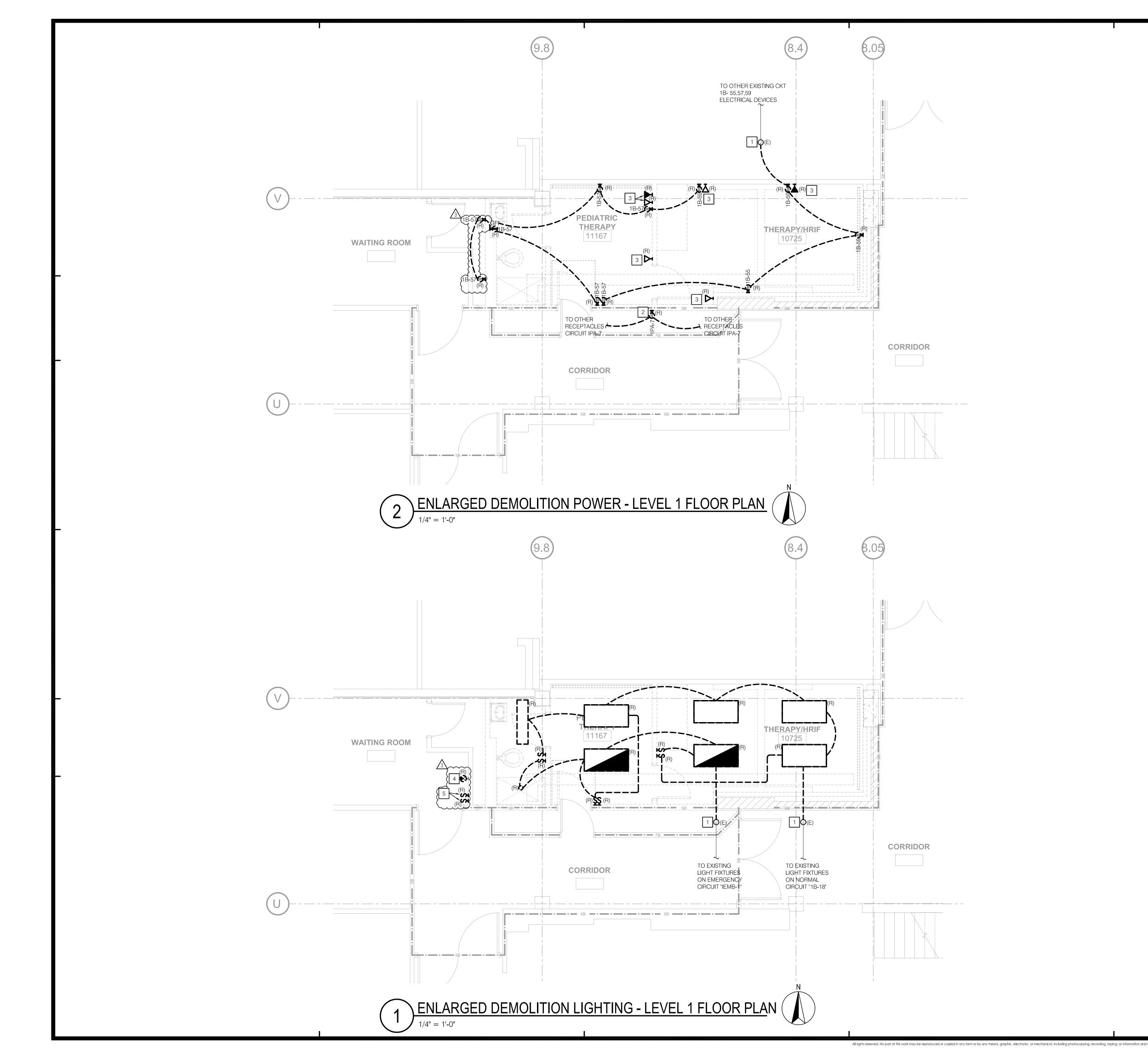
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	ARCHITECT:	SFEIR ARCHITECTS 5151 SHOREHAM PLACE, SUITE 100 SAN DIEGO, CALIFORNIA 92122 TEL(619)299-3917 FAX(619)299-5084
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	ME&P:	P2S 9665 CHESAPEAKE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347
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	PROJECT #: 01641.00 DRAWN BY:	SHEET NUMBER:
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#### 1. EXISTING EMERGENCY PANEL IS NON-SEGREGATED. .....

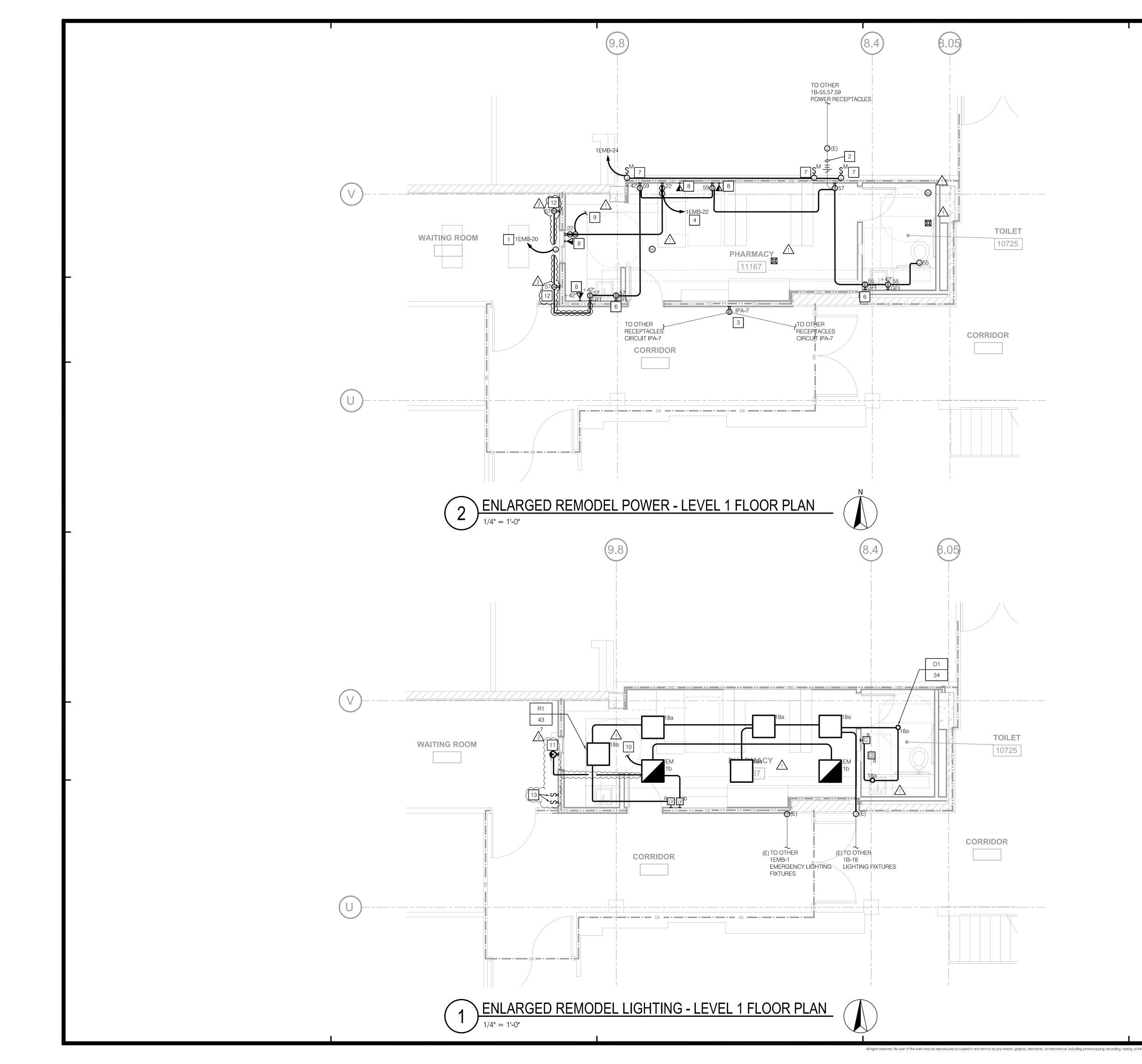
> NOTES

### REFERENCE NOTES

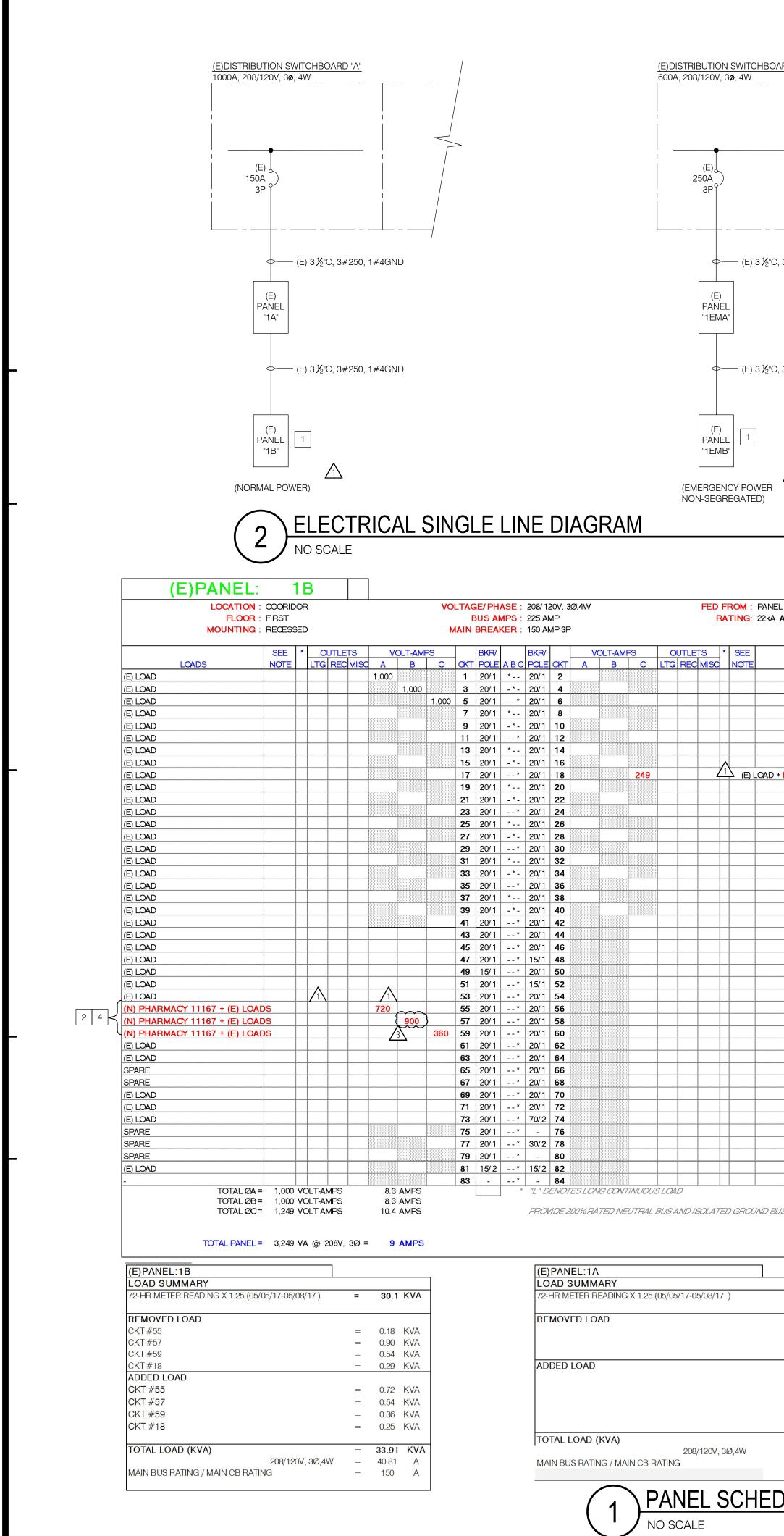
- 1 EXISTING PANEL TO BE UTILIZED FOR SCOPE OF WORK.
- 2 REFER TO DEMOLITION AND RENOVATION ENLARGED FLOOR PLANS INDICATED FOR FULL SCOPE OF WORK.



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I.     EXISTING EMERGENCY PANEL IS NON-SEGREGATED.	<b>SFEIR</b> ARCHITECTS
(	5151 Shoreham Place, Suite 100
REFERENCE NOTES           Image: state st	San Diego, CA 92122 P: 619-299-3917
<ul> <li>JUNCTION BOX. RETAIN SERVICE TO DEVICES OUTSIDE AREA OF WORK.</li> <li>REMOVE RECEPTACLE. RETAIN BRANCH CIRCUITING FOR</li> </ul>	F: 619-299-5084 www.sfeirarch.com
FUTURE RE-CONNECTION.  FUTURE RE-CONNECTION.  REMOVE ALL DATA CABLING AND CONDUIT TO SOURCE.	
4     REMOVE EXIT SIGN AND RETAIN FOR FUTURE       RE-INSTALLATION.	TCMC
RE-INSTALLATION.	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
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	ENLARGED DEMOLITION POWER AND LIGHTING -
	LEVEL 1 FLOOR PLAN
	TCMC PHARMACY RETAIL ROOM
	PROJECT #: SHEET NUMBER: 01641.00 DRAWN BY: ED
	CHECKED BY: RS SCALE: ED3.1
	NA DATE: 06/19/2017
ns without written permission of the ARCHITECT. CONSTRUCTION	DOCUMENTS P2S NO. 8733



	ARCHITECT
{ NOTES }	5151 Shoreham Place, Suite 100
1. EXISTING EMERGENCY PANEL IS NON-SEGREGATED.	San Diego, CA 92122
	P: 619-299-3917
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120V POWER TO FIRE SHUTTER. COORDINATE EXACT LOCATION WITH EQUIPMENT	
VENDOR. COORDINATE INTERFACE WITH EXISTING FIRE ALARM SYSTEM WITH VENDOR.	TCMC
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-17	PHARMACY
4 3/4"C - 2#12,1#12G.	<b>RETAIL ROOM</b>
5 PROVIDE CONNECTION TO AUTO FLUSH UNIT. COORDINATE ALL REQUIREMENTS AND LOCATION WITH	
PLUMBING PRIOR TO INSTALLATION.  6 MOUNT DUPLEX RECEPTACLE FOR LAVATORY SENSOR  7 TIOUT TO UNDERSIDE OF COLUMETER OF COORDINATE	
WITH PLUMBING FOR EXACT LOCATION.	
PROVIDE CONNECTION TO FIRE/SMOKE DAMPER. COORDINATE ALL REQUIREMENTS AND EXACT LOCATIONS WITH MECHANICAL PRIOR TO ANY ROUGH-IN.	TRI-CITY MEDICAL
<ul> <li>PROVIDE 1-1/2"C FROM DEVICE TO ACCESSIBLE CEILING.</li> <li>SUPPORT CABLE WITH J-HOOKS TO NEAREST CABLE</li> </ul>	CENTER
	4002 VISTA WAY
9 EMERGENCY LIGHT FIXTURES. REFER TO DETAIL 1 ON SHEET E-3.1 FOR CONTINUATION.	OCEANSIDE, CALIFORNIA 92056
10 EMERGENCY BRANCH CIRCUIT CONTINUED FROM DETAIL 2.	
	OWNER: TRI-CITY MEDICAL CENTER
<pre>{ 12 PROVIDE 120V CONNECTION TO WIRELESS PHONE. }</pre>	4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
RE-INSTALL LIGHTING SWITCHES.	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
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	SHEET TITLE: ENLARGED REMODEL
	POWER AND LIGHTING -
	LEVEL 1 FLOOR PLAN PROJECT TITLE:
	TCMC PHARMACY RETAIL ROOM
	PROJECT #: SHEET NUMBER: 01641.00 DRAWN BY:
	ED CHECKED BY: RS SCALE: E3.1
	SCALE: NA DATE:

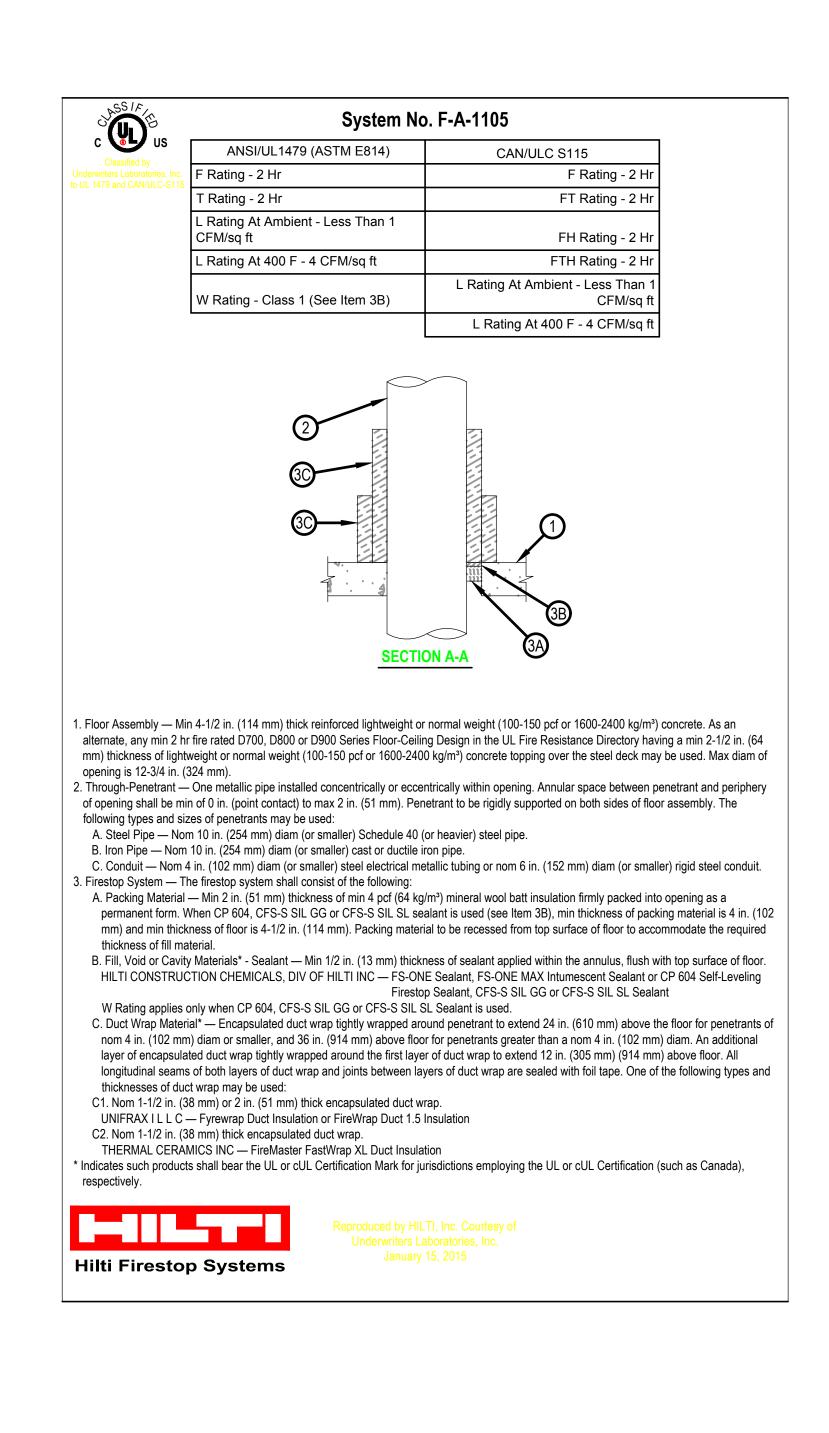


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			R1 LL 43 S	JMENS, W	/HITE FIN YLIC. INT	IISH CO TEGRAL	LOR WITI	H POWD VER/POV	ER COAT VER SUP	UTPUT 400 T FINISH TY PLY W/0-10	YPE,	IG. 43	-	43	LED	120	R	NOTES 1, 2
			D1 D/ SI 34 SI	AMP LOCA	ATION, W REFLEC <sup>-</sup> 0-10V DIN	/HITE TF TOR, AL MMING.	RIM FINIS .UMINUM	H COLOI I. INTEGF	R WITH C RAL LED	ENS, UL LI CLEAR ALZ DRIVER/PC	AK	34	-	34	LED	120	R	NOTES 1, 2
C, 3#250, 1#4GND							4011-0-12	0-01010-01	<u>L-1 L00-0</u>				-					ABBR
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(E) LOAD (E) LOAD		(E) LOAD (E) LOAD							9		*- 20/1 -* 20/1							
(E) LOAD		(E) LOAD (E) LOAD							13	3 20/1 *	20/1 *- 20/1	14						
(E) LOAD D + PHARM 11167 LTG.	2	(E) LOAD							17	7 20/1 -	-* 20/1	18						
(E) LOAD (E) LOAD		SPACE SPACE							19 21	-	20/1 *- 20/1	22	720					FIRE S
(E) LOAD (E) LOAD		SPACE							23	3   -	-* 20/1			249				
(E) LOAD (E) LOAD (E) LOAD (E) LOAD			TOTAL ØA TOTAL ØB TOTAL ØC	= 720 '	VOLT-AMI VOLT-AMI VOLT-AMI	PS	6.0	AMPS AMPS AMPS				-5: NOTES LONG DE 200% RAT.				D I SOLA	TED GR	OUND BUS.
(E) LOAD (E) LOAD			TOTAL PANEL	= 1,469	VA @ 20	8V, 3Ø :	= 4,	AMPS										
(E) LOAD (E) LOAD												NEL:1EM	\					
(E) LOAD (E) LOAD		(E)PANEL:1E LOAD SUMM								]		SUMMAR						
(E) LOAD (E) LOAD		72-HR METER R	READING X 1.25	5 (05/05/17	7-05/08/1	17)	=	13	KVA		72-HR N	IETER REAL	DING X	1.25 (	(05/05/	17-05/0	8/17)	=
(E) LOAD (E) LOAD (E) LOAD		REMOVED LO CKT #1	AD				=	0.13	KVA	-	REMO	VED LOAD						=
(E) LOAD (E) LOAD		ADDED LOAD								-	ADDED	) LOAD						
(E) LOAD (E) LOAD		CKT #1					=		KVA									
(E) LOAD (E) LOAD	"	CKT #20 CKT #22					=		KVA KVA									
(E) LOAD (E) LOAD	-	CKT #24					=	0.25	KVA									
(E) LOAD SPARE		TOTAL LOAD	(KVA)			00 444	=	14.65		-	TOTAL	LOAD (KV	A)					=
SPARE		MAIN BUS RATI	NG / MAIN CB		8/120V, 3	3Ø,4W	=	17.63 250	A A		MAIN B	US RATING	/ MAIN	CB R		208/120	V, 3Ø,4	W = =
(E) LOAD -																		
BUS.																		
= 22.5 KVA																		
= 1.91 KVA																		
= 1.87 KVA																		
= 26.28 KVA																		
20.20 1.44																		

PANEL SCHEDULES AND LOAD SUMMARIES

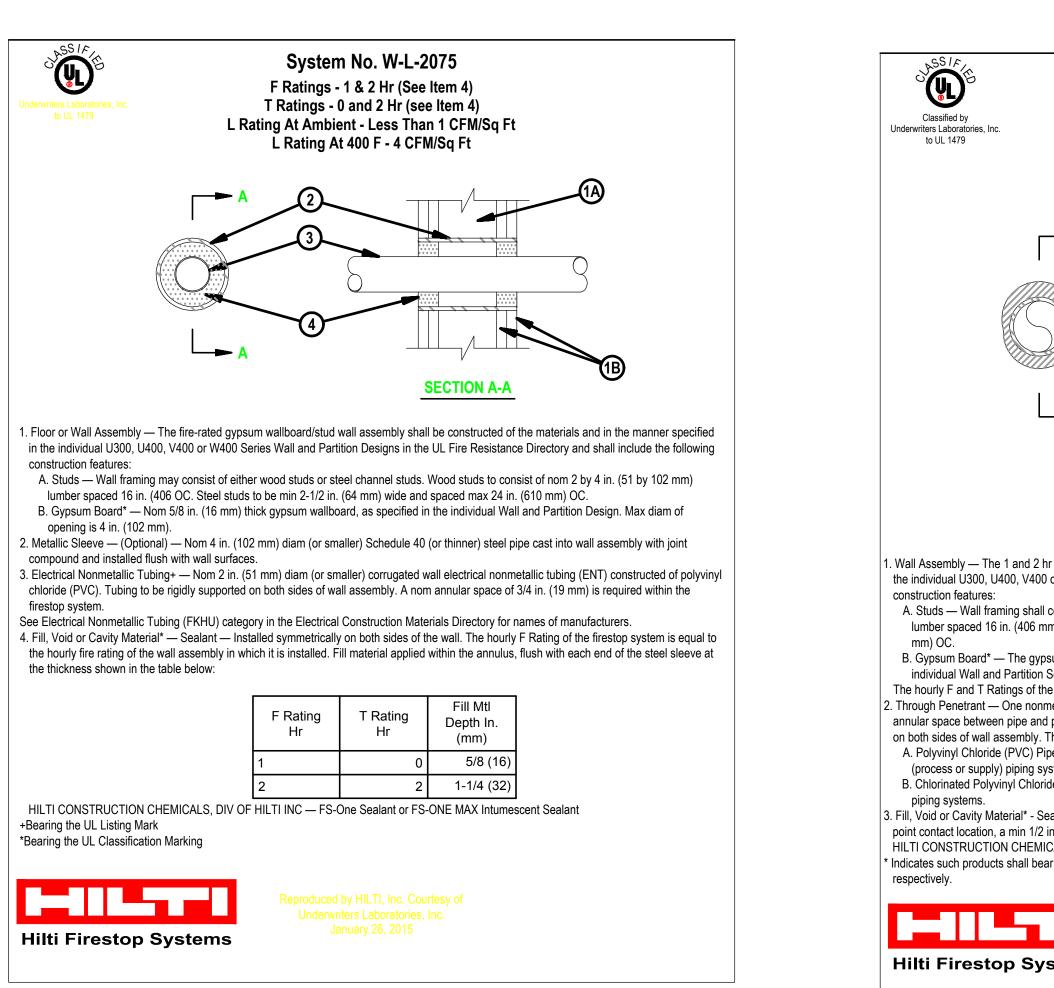
= 150 A

		Ι		S	FEIR RCHLTECTS
	VAIRE SCHEDULE		NOTES	51	51 Shoreham Place, Suite $100$
	TOTAL LAMPS VOLT V-A NO. V-A TYPE MTG.	REMARKS	<ol> <li>ALL NEW FEEDER CONDUCTORS SHALL BE CONTINUOUS N SPLICES.</li> <li>ALL FEEDERS SHALL BE COPPER WITH 90° C. (THHN/THWN INSULATION.</li> <li>NEW CIRCUIT BREAKERS SHALL BE TYPE TO MATCH EXISTI</li> </ol>	) P: F: NG, U.N.O. W	an Diego, CA 92122 619-299-3917 619-299-5084 ww.sfeirarch.com
ER. MEDIUM OUTPUT 4000 POWDER COAT FINISH TYF R/POWER SUPPLY W/0-10 <sup>1</sup> 25-ED-U	PE, 43 43 15D 120 B N	OTES 1, 2, 3	PROVIDE ALL REQUIRED MOUNTING HARDWARE, LUGS AN COVERPLATES FOR A COMPLETE INSTALLATION. 4. EXISTING EMERGENCY PANEL IS NON-SEGREGATED.	I -	CMC
000K 3000 LUMENS, UL LIS COLOR WITH CLEAR ALZA NTEGRAL LED DRIVER/PO 8MD-3L-FL35-SL	K I I I I I I	OTES 1, 2, 3	<b>REFERENCE NOTES</b> 1       UTILIZE EXISTING PANEL FOR NEW LOADS.		HARMACY
) WITH 4000K COLOR TEMP	PERATURE LED AND LED	$\frac{ABBREVIATIONS:}{P = PENDANT}$ $R = RECESSED$ $S = SURFACE$ $W = WALL$ $PO = POLE$	<ul> <li>2 NEW LOAD ADDED TO EXISTING CIRCUIT BREAKER.</li> <li>3 PROVIDE NEW 20A, 1P CIRCUIT BREAKER IN EXISTING SPACE</li> <li>4 PROVIDE HANDLE-TIE FOR CIRCUIT BREAKERS #55, 57 &amp; 59</li> </ul>	JE.	ETAIL ROOM
TING HARDWARE REQUIRI					RI-CITY MEDICAL ENTER
LIGHT EMBEDDED CONTR				40 O(	02 VISTA WAY CEANSIDE, CALIFORNIA 2056
TURE SCH	EDULE			- OWI	NER: TRI-CITY MEDICAL CENTER 4002 VISTA WAY OCEANSIDE, CALIFORNIA 92056 TEL(760)724-8411
VOLTAGE/ PHASE	: 208/120V, 3Ø,4W FED FROM :	DISTRIB SWBD "1EMA"			HITECT: SFEIR ARCHITECTS 5151 SHOREHAM PLACE, SUITE 100 SAN DIEGO, CALIFORNIA 92122 TEL(619)299-3917 FAX(619)299-5084 UCTURAL: SUN STRUCTURAL ENGINEERING, INC.
BUS AMPS MAIN BREAKER FAMPS BKR/ B C OKT POLE A B	Bit is 250 AMP     RATING:       It is 250 AMP 3P     BKR/	22kA AIC RATING			2091 LAS PALMAS DRIVE, SUITE D CARLSBAD, CALIFORNIA 92011 TEL(760)438-1188 P: P2S
1         20/1         *-           3         20/1         -*           5         20/1            7         20/1         *-           9         20/1         -*	-     20/1     4       *     20/1     6       -     20/1     8       -     20/1     10	(E) L (E) L (E) L	_OAD _OAD _OAD _OAD		9665 CHESAPEAKE, SUITE 230 SAN DIEGO, CALIFORNIA 92123 TEL(619)618-2347
the second se	- 20/1 14 - 20/1 16 * 20/1 18 - 20/1 20 500	(E) L (E) L			HICHEL STON
23	×         20/1         24         249         (II)           NOTES:         *         "L" DENOTES LONG CONTINUOUS LOAD         PROVIDE 200% RATED NEUTRAL BUS AND ISOLATED GROUP	SFDS PHARM 11		*	$\begin{array}{c} S_{1} \\ S_{2} \\ S_{2} \\ S_{3} \\$
MPS					OSHPD COMMENTS 07/19/17
13 KVA	(E)PANEL:1EMA LOAD SUMMARY 72-HR METER READING X 1.25 (05/05/17-05/08/17)	= 13 KVA			DESIGN CHANGES 08/18/17
0.13 KVA	REMOVED LOAD	= 0.13 KVA		REV:	DESCRIPTION: DATE:
0.09 KVA 0.50 KVA 0.72 KVA 0.25 KVA	ADDED LOAD	= 1.56 KVA		CONS	ULTANT
<b>14.65 KVA</b> 17.63 A 250 A	TOTAL LOAD (KVA) 208/120V, 3Ø,4W MAIN BUS RATING / MAIN CB RATING	= 14.65 KVA = 17.63 A = 250 A			D APPROVAL STAMP: HPD #:
				E S A <del>P</del> ROJI	LECTRICAL PARTIAL INGLE LINE DIAGRAM ND PANEL SCHEDULE
				PROJI 0164 DRAW	1.00
		1		ED CHEC RS SCALI NA DATE:	ED BY: E5.1
All rights reserved. No part of this work may b	pe reproduced or copied in any form or by any means, graphic, electronic, or mechanical, including p	hotocopying, recording, taping, or information and	a retrieval systems without written permission of the ARCHITECT.	CTION DO	CUMENTS P2S NO. 8733





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g recording. topping, or information and retireve systems without witten permission of the ARCHITECT.	<text><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><text></text></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></text>