

NEW HOLDING CELL PROJECT

Superior Court of Kern County
Shafter-Wasco Court
325 Central Valley Highway
Shafter, California 93263

BLDG ID # 15-E1
SWO # 1026955

PROJECT DATA

PROJECT DESCRIPTION:	Remodel of existing office space to create two new holding cells, interview room, and access/egress hallway.
ADDRESS:	325 Central Valley Highway, Shafter, CA 93263
APM:	Book xxx, Page xxx
SITE AREA:	154,999 S.F.
BUILDING AREA:	17,360 S.F.
CBC CONSTRUCTION TYPE:	TYPE V A
CBC OCCUPANCY:	B (OFFICE), A-3 (ASSEMBLY), I-3 (HOLDING)
AREA OF REMODELING:	292 S.F.

GENERAL NOTES

- All work shall comply with the minimum standards of the following codes:
 - California Building Code, 2007 Edition
 - California Plumbing Code, 2007 Edition
 - California Mechanical Code, 2007 Edition
 - California electrical Code, 2007 Edition
 - California Code of Regulations Title 24
 - Americans with Disabilities Act
 - All accumulative supplements to the above codes
 - All applicable standards, ordinances and regulations of the agencies with jurisdiction over the work
- The Contractor shall verify all existing conditions for dimension, grade, configuration, and other aspects of compatibility with the work described in these Construction Documents. Any conditions which interfere with the work shall immediately be brought to the attention of the Architect and the work shall not proceed in the areas of conflict until such conflicts have been resolved.
- Written dimensions shall take precedence over drawing scale or proportion.

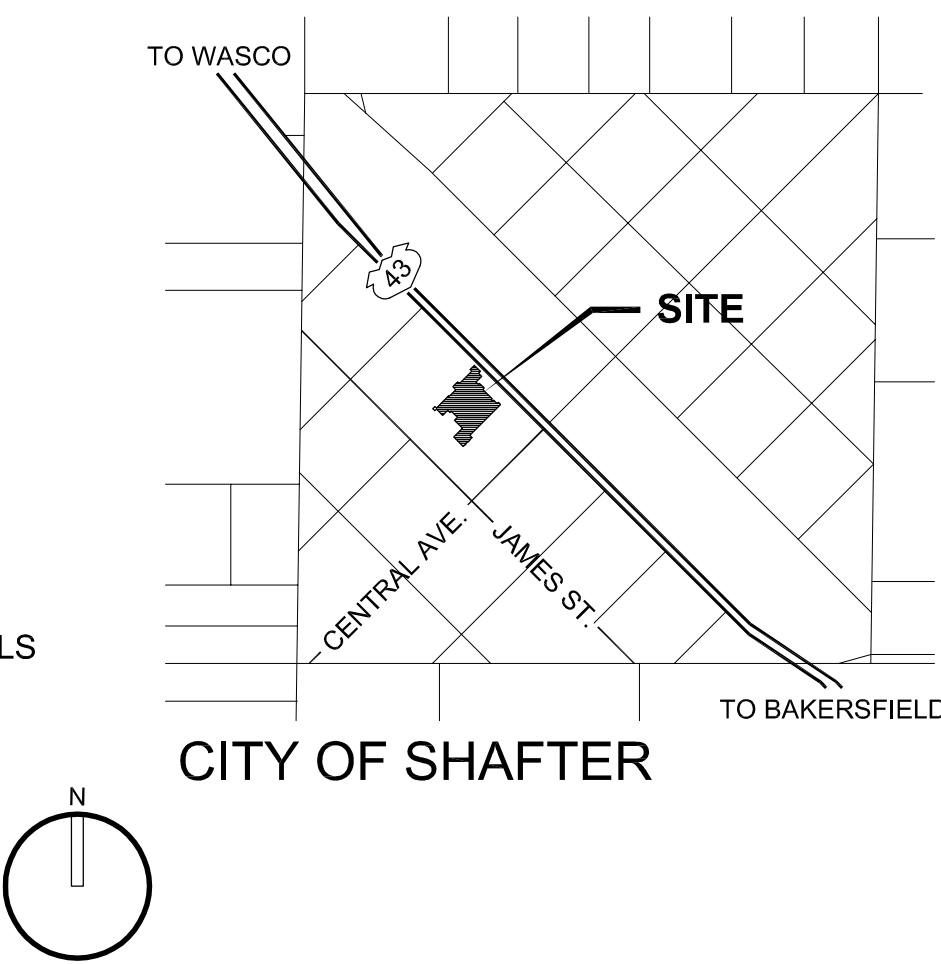
DIRECTORY

OWNER:	SUPERIOR COURT OF CALIFORNIA % JUDICIAL COUNCIL OF CALIFORNIA, ADMINISTRATIVE OFFICE OF THE COURTS 2860 GATEWAY OAKS DRIVE SACRAMENTO, CA 95833 T: 916-643-8009 F: 916-263-2342 www.courtinfo.ca.gov
CONTRACTOR:	CHAMBLIN-LANDES CONSTRUCTION INC. 1345 RIVERSIDE AVENUE PASO ROBLES, CA 93446 T: 805-239-0490 F: 805-239-0797 mlandes@chamblin-landes.com
ARCHITECT:	FRASER SEIPLE ARCHITECTS 971 OSOS STREET SAN LUIS OBISPO, CA 93401 T: 805-544-6161 F: 805-544-6183 bruce@fraserseiplearchitects.com
STRUCTURAL ENGINEER:	MACIE ENGINEERING 1009 MORRO STREET SAN LUIS OBISPO, CA 93401 T: 805.541.3837 F: 805.541.3837
MECHANICAL ENGINEER:	JVA MECHANICAL ENGINEERING 979 OSOS STREET SAN LUIS OBISPO, CA 93401 T: 805-543-3190 F: 805-543-3165 tyler@jvamech.com

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VICINITY MAP



PROJECT

COUNTY OF KERN

SHAFTER -
WASCO
SUPERIOR
COURT

325 Central Valley Hwy
SHAFTER, CALIFORNIA

CLIENT JOB # ARCHITECT JOB #
1003

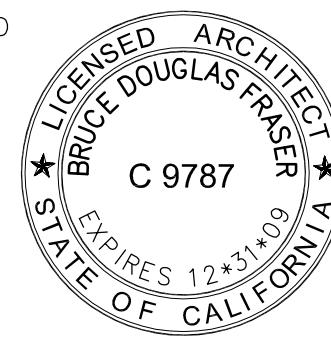
FRASER
SEIPLE
ARCHITECTS

PROJECT MANAGER BDF

DRAWN BY BS

DATES 07-07-10
09-10-10
10-18-10 PLAN CHECK 1
11-23-10 PLAN CHECK 2
12-30-10 PLAN CHECK 3

SIGNED



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SHEET TITLE

TITLE SHEET

SHEET #

T.1

SHAFTER HOLDING CELL PROJECTS
ADMINISTRATIVE OFFICE OF THE COURTS

05/26/10

DIVISION 1: GENERAL

01000 DESCRIPTION OF THE WORK

Work under this contract provides for demolition and new construction associated with holding cells and interview room. The project is located at 325 Central Valley Highway, Shafter, California.

01010 DEFINITIONS

Throughout these drawings and specifications, the following definitions apply:

A. "Owner" or "Owner's Representative" shall refer to the Superior Court of California, or any of the Court's or Administrative Office of the Court's specifically assigned representatives.

B. "Contractor" shall refer to Chamblin-Landes Construction and any subcontractor who, by contract with or employment by the Owner, is responsible for the execution of some portion of the work.

C. "Architect" shall refer to Fraser Seiple Architects, or any of their specifically assigned project staff.

D. "Engineer" shall refer to any engineering consultant specifically referenced in a given note or section of these specifications.

01100 SPECIAL PROJECT PROCEDURES

Contractors shall make every effort to protect existing improvements, neighboring property and construction in place as the work progresses. Any damage to such existing improvements, neighboring property, or construction resulting from acts of a Contractor shall be repaired to the satisfaction of, and at no additional cost to, the Owner.

Contractors shall control the spread of dust to the public right-of-way in compliance with Delano City requirements.

Construction activities are limited to the hours of 6:00 p.m. through 12:00 a.m., Monday through Friday, or 7:00 a.m. through 6:00 p.m., Saturday and Sunday, unless other arrangements are made with the Court in advance.

Solid waste generated during construction shall be gathered and removed from the site in compliance with Delano City requirements. Cleaning of concrete, plaster and similar material containers or tools shall not produce runoff that leaves the property or enters the storm drainage system. Every effort shall be made to recycle waste produced by construction.

01330 SUBMITTALS

Shop drawings, samples, and product data submittals shall be made as described in individual sections of these specifications for review prior to the ordering or delivery of materials to the jobsite. Submittals shall be transmitted to the Architect in the quantities required for the Contractor's use plus one for the Architect's records.

01400 TESTING AND INSPECTION

Contractors are not required to provide laboratory testing in connection with construction; however, any Contractor shall schedule and cooperate with any testing or field inspection required by the specifications, the Architect, applicable building codes, or the Administrative Office of the Courts inspectors, and shall replace or correct work which fails to meet the requirements of the specifications when tested.

01600 SUBSTITUTIONS AND ALTERNATES

Substitutions or alternates to the materials, assemblies, or products described in the drawings and specifications will be acceptable only if approved in advance by the Owner.

01700 CLOSEOUT PROCEDURES

At the completion of construction the Contractor shall deliver to the Owner copies of operation and maintenance manuals, spare parts lists, guarantees and warranties for products and equipment installed in the work, as well as as-built drawings indicating the location of any concealed installations that vary from the position and alignment indicated on working drawings.

The Contractor shall provide demonstration or instruction to the Owner's representative(s) for building equipment and systems.

DIVISION 2: SITE WORK

02050 DEMOLITION

Demolition shall be as described on the drawings, and as necessary to accommodate new installations.

Temporary barricades shall be erected and maintained to keep members of the public at a safe distance from demolition and construction operations. Existing construction and items to remain shall be protected.

The contractor shall immediately notify Owner's Representative of contaminated, hazardous, or potentially dangerous materials encountered; proceed with removal and disposal as directed.

02200 EARTHWORK

Soil in the area of new footings and plumbing trenches shall be excavated to a minimum of 12" below the bottom of new installations. Moisture condition and compact non-expansive granular fill material at footings to approximately the same density as existing subgrade. Assumed bearing is 2,000 psi. See additional notes on structural drawings.

Bedding and backfilling at new below-grade plumbing installations shall comply with notes on mechanical/plumbing drawings.

DIVISION 3: CONCRETE

03300 CAST IN PLACE CONCRETE

Concrete footings and slab shall be configured and reinforced as indicated in the drawings, and shall meet the requirements of Structural Notes on the structural drawings. Concrete strength testing required. Concrete materials shall be as specified in structural notes and as follows:

Cement: Portland Type II, per ASTM C150
Fine Aggregate: per ASTM C33
Course Aggregate: per ASTM C535
Water: clean, potable, free of contaminants
Reinforcing Steel: intermediate (Grade 40) bars per ASTM A615
Admixtures: none specified

03600 GROUT

Cementitious grout for concrete anchoring and patching shall be high strength, non-shrinking; Burkestone or equivalent. Product data submittals are required.

DIVISION 4: MASONRY

04220 CONCRETE UNIT MASONRY

New concrete block walls shall be configured and reinforced as indicated in the drawings and structural notes. Materials shall be as follows:

Concrete Block: "Precision" units per ASTM C90, in sizes indicated in drawings, natural gray color
Mortar: per ASTM C270, Type S
Grout: per ASTM C94, minimum 2,000 psi strength at 28 days
Reinforcing Steel: intermediate (Grade 40) bars per ASTM A615

DIVISION 5: METAL

05500 MISCELLANEOUS METALS

Metal fabrications for this work include, but are not limited to privacy screens in cells and structural welding and bolting. Shop drawings are required for structural components and must receive Architect's approval prior to fabrication. Materials shall be as follows:

Structural Steel: per ASTM A36
Stainless Steel: per ASTM T304
Primer: red iron oxide per FS TT-P-31
Galvanizing: zinc galvanizing coating per ASTM A123, A153, and A386
Welding Materials: per AWS D1.1

Structural welding shall only be performed by certified journeyman welders. All exposed-to-view cuts and welds shall be deburred and ground smooth and even. Exposed-to-weather metal fabrications shall be made in the largest pieces manageable and primed, galvanized, or powder coated prior to delivery to the project site.

DIVISION 6: WOOD AND PLASTIC

06100 ROUGH CARPENTRY

Lumber strength, grading requirements and connector requirements shall be as indicated in Structural Notes on the structural drawings:

Beams, girders, and posts: DF-L No. 1 or better joists, rafters, headers, plates, blocking, 2 X 6 thru 4 X 16, and misc. wood not specifically described: DF-L NO. 2 or better
Wall framing, 2 X 2 thru 4 X 6 (except headers); DF-L Stud grade or standard and better
Sheathing: Plywood conforming to U.S. Product Standard PS-1-83,
Group 1 or 2, or APA Performance Rated Panels (plywood, composite board, oriented strand board). Roof or wall sheathing plywood shall bear the designation CDX Structural II or better.

All framing shall be laid out accurately to the line and dimension shown on the drawings. Notching of studs and joists is not allowed; boring of studs and joists to accommodate plumbing or electrical installations is subject to the approval of the Structural Engineer. Provide all backing, blocking, stripping, furring, false framing, and other miscellaneous support to allow the work of other trades to proceed. Where shear panels do not cover the full extent of wall surface, provide additional sheathing or furring to create a continuous substrate for finishes.

DIVISION 7: THERMAL AND MOISTURE PROTECTION

07200 BUILDING INSULATION

Interior wall sound insulation shall be unfaced fiberglass batts, friction fit between framing members and wired as necessary. Design is based on the products of Owens-Corning Company Fiberglas Corporation. Product data and test result submittals are required. Materials shall be as follows:

3-1/2" Sound Insulation: per ASTM C423
Flammability of Materials: per ASTM E136
Fire Classification (Class A): per UL Standards 790, 1256

07270 FIRESTOPPING

Provide fire retardant insulation, manufactured fire barrier systems, fire caulking and sealant, firestopping systems, and related materials as required to maintain the continuity and integrity of fire rated assemblies in new construction, particularly at annular spaces around penetrations; Hilti "Firestop" or 3M "Fire Barrier" products or equivalent, with any primers or accessories recommended by manufacturer. Product submittals are required.

07900 CAULKING AND SEALANTS

Caulking and sealants which match the color of adjacent surfaces shall be used as indicated in the drawings and additionally as required to prevent the entry of water or outside air into exterior assemblies, and in bathrooms to control the penetration of moisture. Caulking materials shall be chosen for specific applications as recommended by the manufacturers and backing rods shall be applied where appropriate; caulking beads shall be clean, slightly concave, and excess material shall be immediately cleaned from adjacent surfaces. Materials shall be as follows:

Polysulphide Sealant: Morton-Thiokol or equivalent
Acrylic Emulsion Latex: Red Devil or equivalent
Butyl Sealant: Red Devil or equivalent
Silicone Sealant: General Electric or equivalent
Polyurethane Sealant: Sonneborn or equivalent
Use of Latex Sealing Compound: per ASTM C790
Use of Solvent-Release Type Sealants: per ASTM C804
Sealing Compound: Elastomeric Type, Multi-Component: per FS TT-S-00227
Sealing Compound: Elastomeric Type, Single Component: per FS TT-S-00230
Sealing Compound, Silicone Rubber Base: per FS TT-S-001543
Sealant and Caulking Guide Specification: per SWI (Sealing and Waterproofers Institute)

DIVISION 8: WINDOWS AND DOORS

08100 METAL DOORS AND FRAMES

Rated metal doors and frames shall be provided as indicated in the Door Schedule. Design is based on the following materials and manufacturers:

Interior Passage Doors: flush panel primed, rated 18 gauge steel;
Republic DM series or equivalent.
Interior Passage Door Frames: mitered primed, rated 16 gauge steel;
Republic MG series or equivalent.
Interior Holding Cell Doors/Frames: internally reinforced steel doors and frames, primed and factory prepared for hardware and custom view lites;
Trussbilt Detention Security doors and frames or equivalent.
Plumbing Chase Frames: mitered primed, non-rated 18 gauge steel;
Republic MG series or equivalent.

Shop drawing and product data submittals are required

08200 WOOD DOORS

Interior non rated solid core wood doors at plumbing chases shall be provided in the configurations shown in the Door Schedule. Design is based on the following materials and manufacturers:

Flush Panel Interior Doors: stain grade hardwood over solid particle board or lumber core (solid core); Eggers Industries or equivalent MDF faced

Product data and sample submittals are required. All doors shall be adjusted to close easily and fit snugly in frames. Wood doors shall be per the following guidelines:

ANSI/NWMA I.S.1: Industry Standard For Wood Flush Doors
WIC Manual: "Premium" grade; Section 12 Architectural Wood Doors

08650 SPECIAL WINDOWS

Fixed window with speaker at the interview room shall be aluminum, with laminated glazing, in the configurations shown in the Window Schedule and window details; Interbank equipment transaction window or equivalent, with a natural anodized finish. Install natural voice talk-thru device; Pacific Bulletproof Model 6-D or equivalent. Product data, sample submittals, shop drawing and material list submittals require Architect's approval before windows are ordered.

08700 FINISH HARDWARE

Unless otherwise noted, door hardware finishes shall be US26D dull or brushed chrome. All final hardware selections are subject to the Architect's approval; product data and materials list submittals require approval before hardware is ordered. Specific door hardware components shall be as described in the Door Hardware Schedule.

Finish hardware shall be per the following guidelines:

ANSI A117.1, CAC Title 24, U.S. Dept. of Justice 28 CFR Part 36 (ADA) - Specifications for Making Buildings and Facilities
Accessible to and Usable by Physically Handicapped People
AWI: Architectural Woodwork Institute
BHMA: Builders' Hardware Manufacturers Association
DHI: Door and Hardware Institute
NFPA 101: Life Safety Code
Underwriters Laboratories Inc.: applicable reports

08800 GLASS AND GLAZING

Window glass at the interview room and door glass in cell doors shall be glass-clad polycarbonate, clear, with a minimum protection level of 2, Pacific Bulletproof Company product PBBRGPC2 or equivalent. Product data and submittals are required.

Glass and glazing shall be per the following guidelines:

ASTM C1349 - 04 Standard Specification for Architectural Flat Glass Clad Polycarbonate

ANSI Z97.1: Safety Performance Specifications and Methods of Test for Safety Glazing Material Used in Buildings

"Manual of Glazing" of the Flat Glass Marketing Association

DIVISION 9: FINISHES

09250 GYPSUM DRYWALL

Gypsum drywall shall be installed as indicated in the Finish Notes and details. Product data and materials list submittals required. Materials shall be as follows:

Gypsum Panels at Ceilings and Walls: 5/8" panels; U.S. Gypsum or equivalent
Accessories: galvanized steel corner reinforcement at outside corners in bullnose profile at vertical corners and square profile at horizontal corners, fiberglass web at bridging conditions; U.S. Gypsum or equivalent
Texture: Level 4, flat/smooth.

Finish texture is subject to Tenant and Architect approval of a field sample. Gypsum drywall shall be per the following guidelines:

Gypsum Association publication GA 216.
ASTM C 36.
ASTM C 475.

09900 PAINTING

Paint and related coatings shall be applied as indicated in the drawings. Paint products shall be Sherwin Williams or equivalent, as approved by the Architect. Surface preparation, application and total mil thickness shall be as recommended by the paint or coating manufacturer for the subject surface.

Interior cell walls and ceilings: low VOC water based block sealer, high-build catalyzed, water based epoxy, semi-gloss texture
Interior walls and ceilings, other: low VOC sealer/primer, two coats low VOC acrylic latex wall paint, semi-gloss texture
Interior metal trim: low VOC high hiding metal primer, two coats water based alkyd acrylic enamel, semi-gloss texture
Paint grade interior wood doors: low VOC high hiding wood primer, two coats water based acrylic latex trim paint, semi-gloss texture
Exterior exposed metals: industrial metal primer, two coats low VOC industrial alkyd acrylic enamel paint, semi-gloss texture
Floors: high-build industrial filler/primer and high-solids institutional epoxy coating, solid color with integral aggregate, semi-gloss texture

Colors shall be as selected by the Architect.

Product data, materials list and brushout submittals required. Painting shall be per the following guidelines:

ANSI/ASTM D16: Definitions of Terms Relating to Paint, Varnish, Lacquer, and Related Products
ASTM D2016 - Test Method for Moisture Content of Wood

DIVISION 10: SPECIALTIES

10100 PRIVACY SCREENS

Privacy screen panels shall be color-thru solid HDPE panels mounted to custom stainless steel frames per details; Santana or equivalent, in standard color as selected by the Architect

10400 SIGNAGE

Identifying and direction signage shall be installed at walls as described in drawings. Wall mounted interior and exterior room identification and accessible exit signs shall be Scott Sign Systems engraved photopolymer plaque signs or equivalent, with Grade 2 Braille where required. Vinyl accessibility symbols shall be applied to glass surfaces: Scott Sign Systems or equivalent. Product data, shop drawings and sample submittals required.

DIVISION 11: EQUIPMENT

11100 DETENTION EQUIPMENT

Cell benches shall be floor mounted 11 ga. stainless steel benches on 2" diameter powder coated steel pipe posts and 6" x 6" square mounting plates, as manufactured by Bob Barker Company or equivalent. Lay out per drawings and mount with stainless steel security bolts into wedge anchors per manufacturer's recommendations. Seats shall have smooth, rounded edges and corners compliant with California Title 24, Part 1, Section 13-102 and Part 2, Section 470A standards.

Cell mirrors shall be highly polished stainless steel in 16 ga. chrome steel frames, with rounded corners and tamper resistant fasteners, as manufactured by Bob Barker Company or equivalent. Mirror dimensions shall be 12-1/2" wide x 16-1/2" tall; mount above comby toilet/sink with bottom edge no more than 40" above the floor.

DIVISION 12: FURNISHINGS

(not used)

DIVISION 13: SPECIAL CONSTRUCTION

(not used)

DIVISION 14: VERTICAL TRANSPORTATION

(not used)

DIVISION 15: MECHANICAL SYSTEMS

15300 FIRE PROTECTION SYSTEM

The building fire sprinkler system shall be per NFPA standard 13; product data, hydrostatic calculations and shop drawing submittals are required. Materials shall be as follows:

Piping: Black iron per approved shop drawings.
Holding cell heads: Viking Institutional style flush or equivalent.
Public view heads: Viking Mirage concealed or equivalent.
Utility room heads: Viking standard pendent or equivalent.

15400 PLUMBING

Plumbing fixtures require product data submittals. Piping systems inside building require as-built drawings. Materials shall be as listed in notes on mechanical / plumbing drawings.

15600 HEATING, VENTILATING, AND AIR CONDITIONING

Extension of existing space conditioning system will require product data submittals and as-built drawings. Materials shall be as listed in schedules and notes on mechanical / plumbing drawings.

DIVISION 16: ELECTRICAL SYSTEMS

16400 ELECTRICAL SERVICE

Extension of building electrical service and switchgear shall be 120/208 volt, 3 phase, as described on electrical drawings and in electrical notes. Distribution of power shall be achieved with conventional duplex wall outlets, isolated ground where required. As-built drawings required.

16500 LIGHTING

Light fixtures and switching shall be provided as indicated on the drawings and in the Light Fixture Schedule; alternatives to the specified light fixtures require the Architect's and Tenant's approval of submittal materials. All light fixtures shall have manufacturer's recommended lamp installed, chosen for consistent color temperature throughout the installation and per CCR Title 24. Materials shall be as described in Light Fixture Schedule.

16720 ALARM SYSTEMS

Extension of the building fire alarm system shall be provided per AOC specification, based on approval of product data, shop drawing submittals provided by the Contractor to the City Fire Department and Building Department. The Contractor shall coordinate the installation of, and provide power to, any intrusion or security alarm systems provided by the Tenant's vendors.

16740 COMMUNICATIONS

Holding cells shall have sound-activated audio monitoring microphones as indicated on electrical drawings, Louroe Electronics Verifact D-V or equivalent, with base station and all required accessories. Extension of the building communication and data infrastructure shall be provided per AOC specifications, based on approval of product data submittals. As-built drawings required.

PROJECT

COUNTY OF KERN

SHAFTER -
WASCO
SUPERIOR
COURT

325 Central Valley Hwy
SHAFTER, CALIFORNIA

CLIENT JOB # ARCHITECT JOB #

1003



PROJECT MANAGER BDF

DRAWN BY BS

DATES 07-07-10

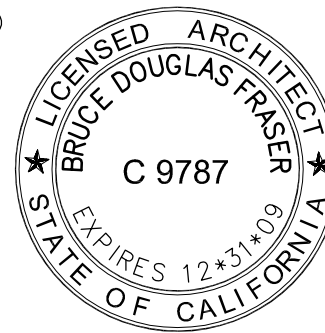
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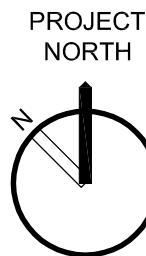
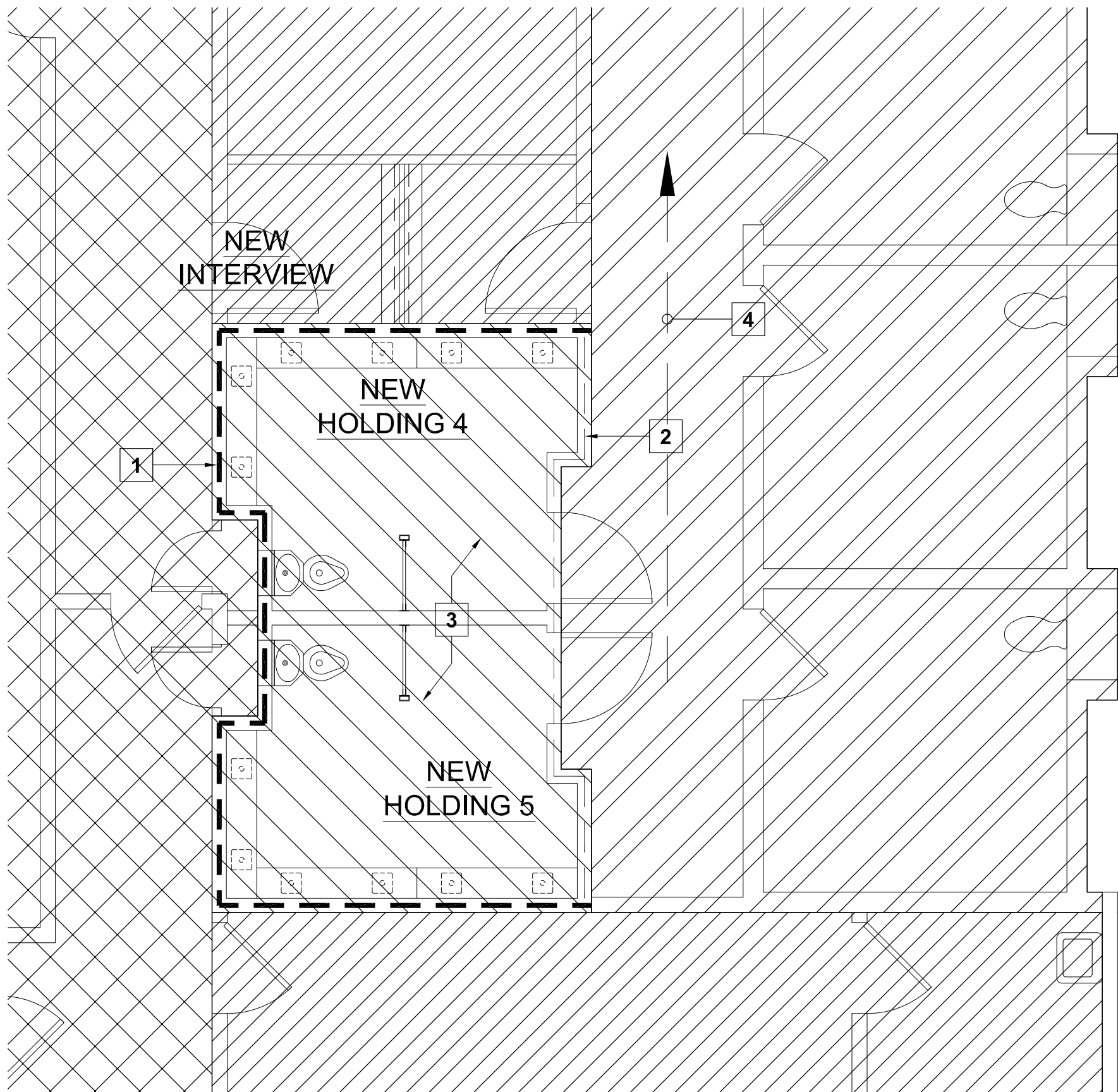
SHEET TITLE

SPECIFICATIONS

SCALE : NONE

SHEET #

T.2



CODE ANALYSIS

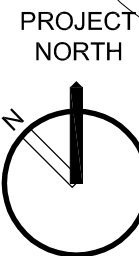
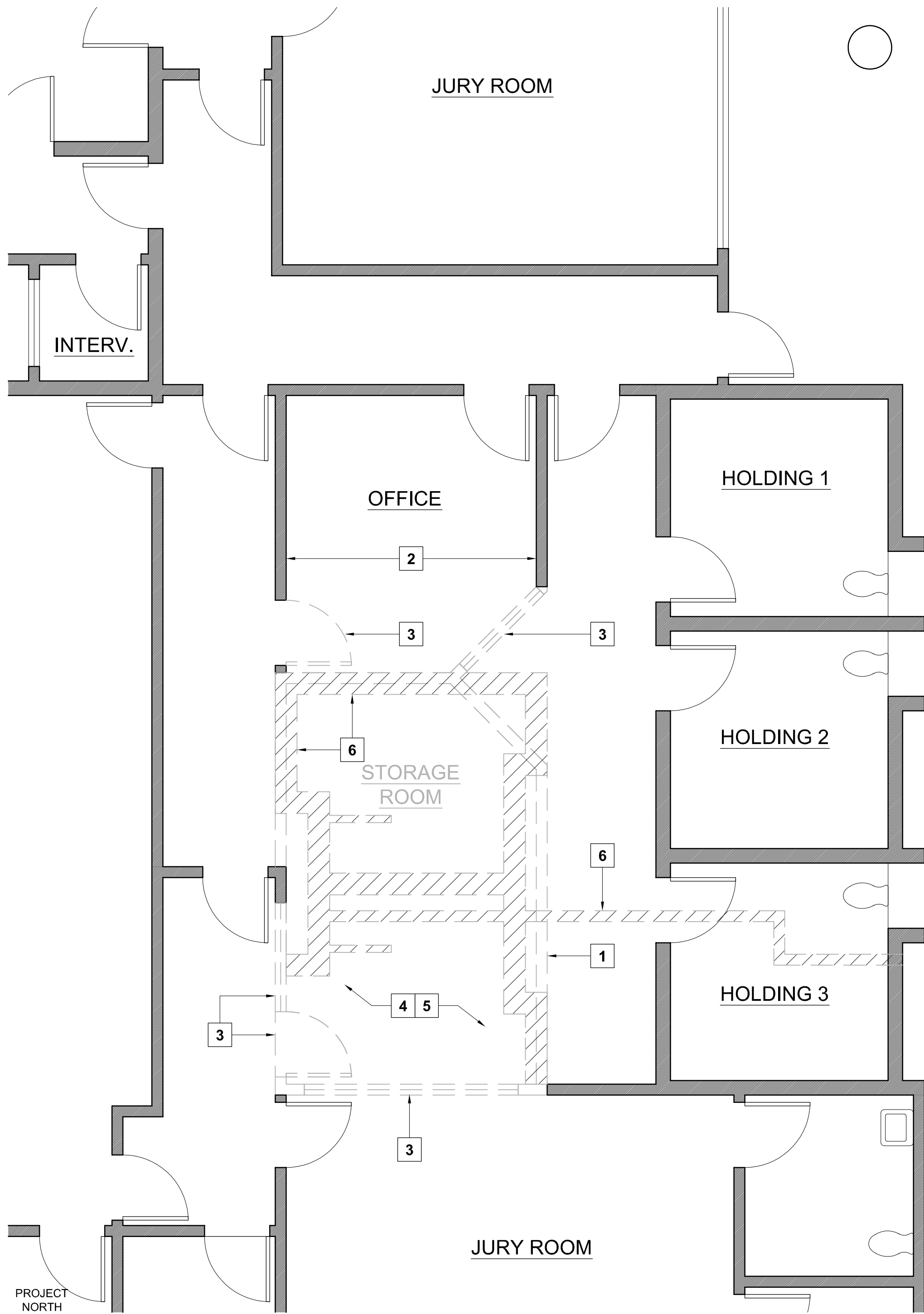
SCALE : 1/4" = 1'-0"

OCCUPANCY KEYNOTES

1. EXTENT OF CBC REQUIRED 2-HOUR VERTICAL BARRIER.
2. EXTENT OF CBC REQUIRED 1-HOUR VERTICAL BARRIER.
3. CBC REQUIRED 2-HOUR HORIZONTAL BARRIER AT ALL NEW "I" OCCUPANCY.
4. EXIT PATH OF TRAVEL FOR NEW "I" OCCUPANCY.

LEGEND

	EXISTING A-3 OCCUPANCY
	EXISTING B OCCUPANCY
	EXISTING I OCCUPANCY
	NEW I OCCUPANCY



DEMOLITION PLAN

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

DEMOLITION KEYNOTES

1. EXISTING WOOD FRAMED WALL TO BE DEMOLISHED AND REMOVED FROM SITE. PULL WIRING AND OTHER INSTALLATIONS INTO ATTIC SPACE TO CLEAR NEW CONSTRUCTION.
2. GYPSUM BOARD TO BE REMOVED AT INTERSECTION OF NEW WALL.
3. DOORS, WINDOWS, AND FRAMES TO BE REMOVED AND DELIVERED TO KERN COUNTY AS DIRECTED.
4. ALL FLOORING FINISHES TO BE REMOVED FROM SITE.
5. ALL CEILING TILES AND LIGHT FIXTURES TO BE REMOVED AND DELIVERED TO KERN COUNTY AS DIRECTED. CEILING SUSPENSION SYSTEM AND GYPSUM BOARD CEILING SURFACES TO BE REMOVED FROM SITE.
6. FLOOR SLAB TO BE SAWCUT AT AREAS OF NEW FOOTINGS AND WASTE PLUMBING AND REMOVED. RECYCLE PER KERN COUNTY STANDARDS.

LEGEND

	EXISTING WALL TO REMAIN AND PROTECT
	EXISTING TO BE REMOVED

PROJECT

COUNTY OF KERN

SHAFTER - WASCO SUPERIOR COURT

325 Central Valley Hwy
SHAFTER, CALIFORNIA

CLIENT JOB # ARCHITECT JOB #
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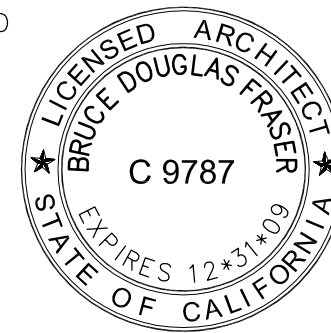
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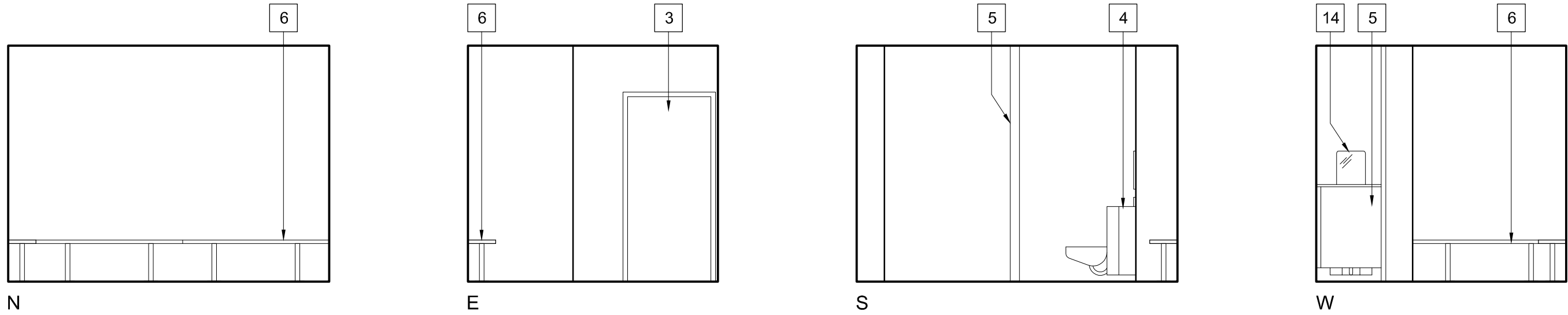
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SHEET TITLE

DEMOLITION PLAN,
CODE ANALYSIS

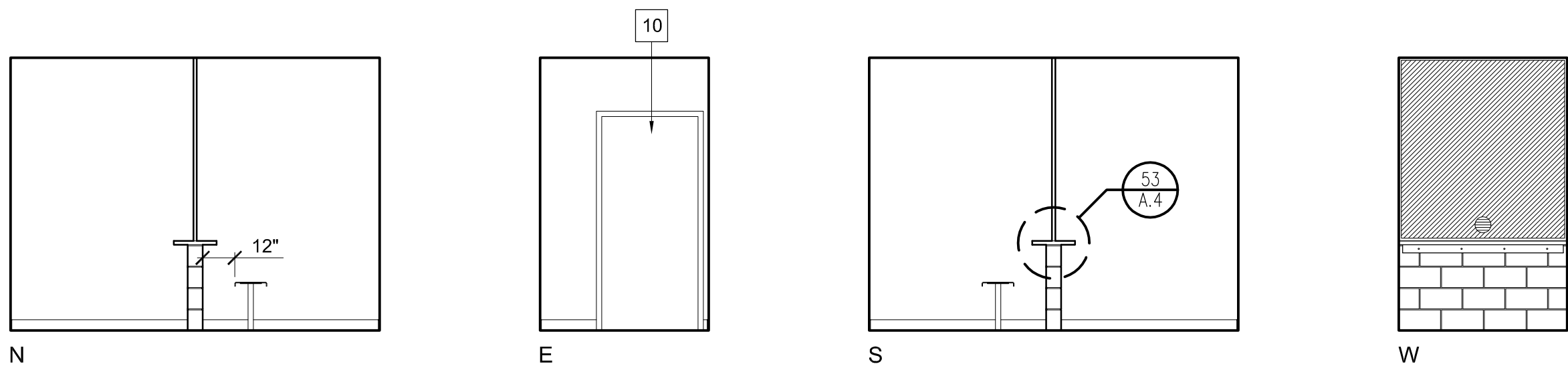
SHEET #

A.2



51 CELL 1, CELL 2 (SIM.)

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



52 INTERVIEW

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

FINISH NOTES

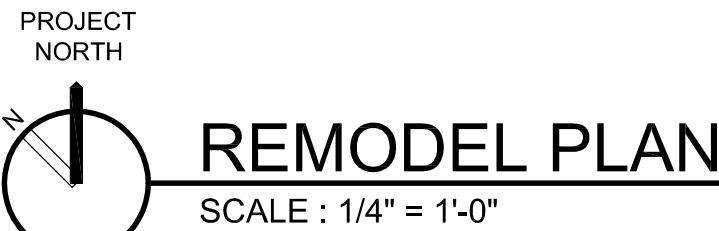
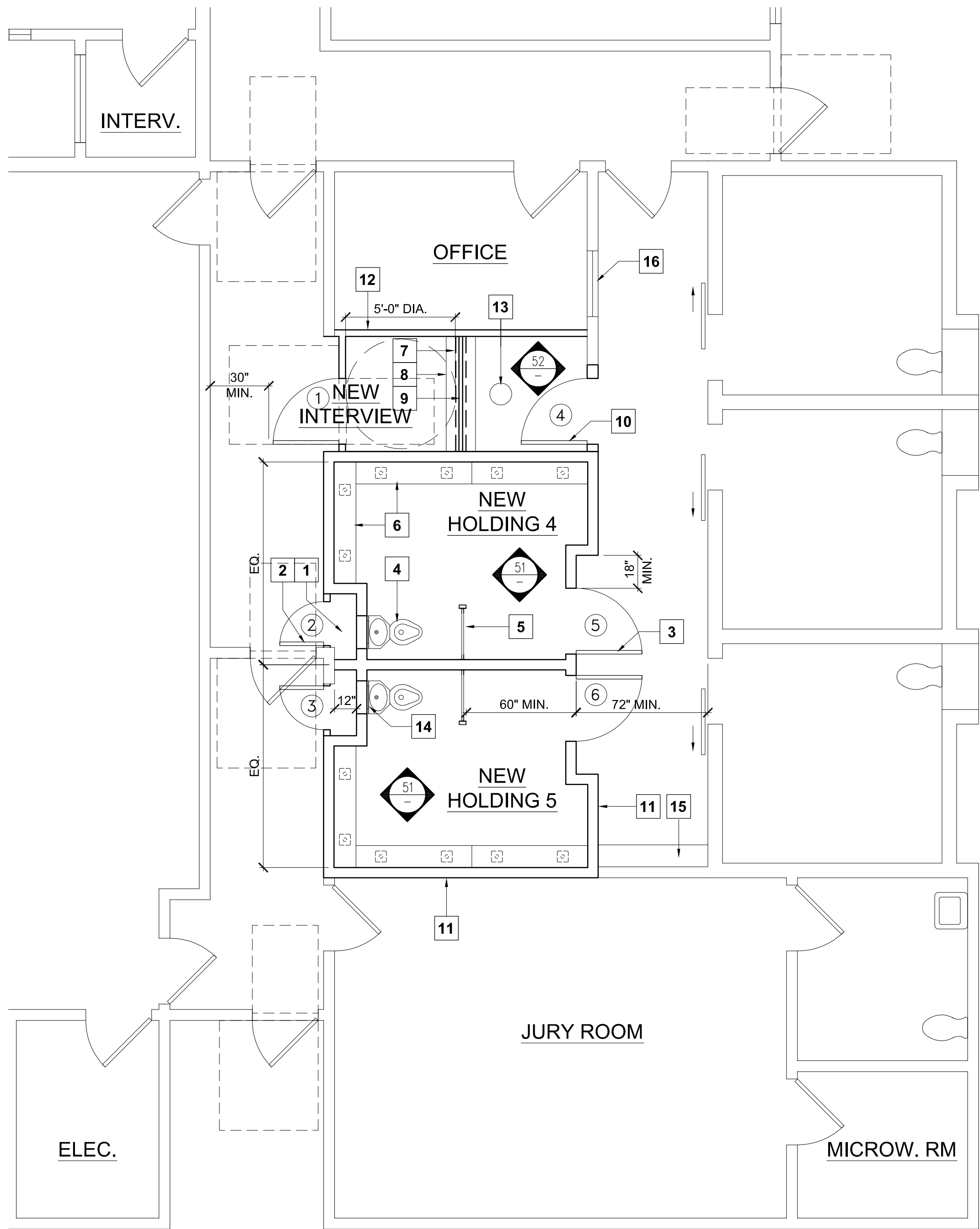
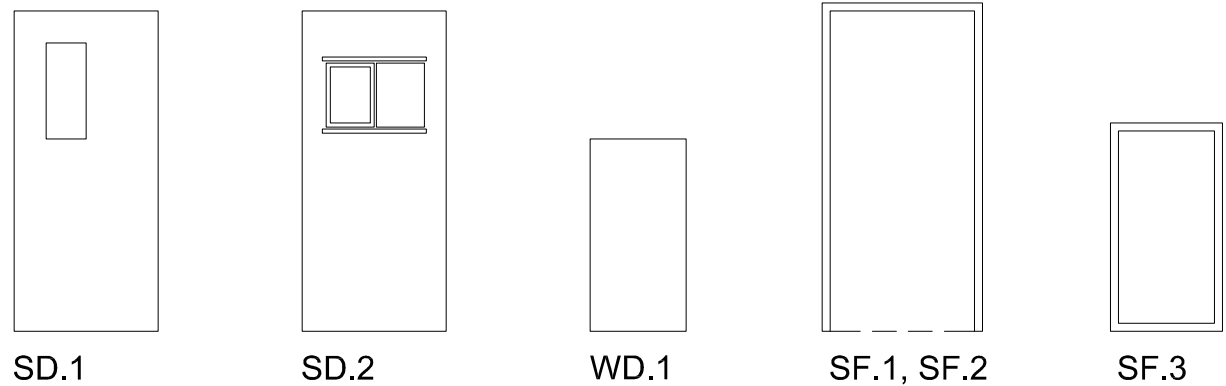
- NEW HOLDING CELLS**
FLOOR: Epoxy coating over concrete slab
WALL BASE: N/A
WALLS: Block filler and epoxy coating over concrete block
CEILING: Epoxy coating over thin-coat plaster over gypsum board
- NEW INTERVIEW ROOM**
FLOOR: Epoxy coating over concrete slab
WALL BASE: 4 inch resilient wall base
WALLS: Acrylic paint over filler/concrete block or gypsum board
CEILING: Suspended acoustic tile
- REMODELED SECURE HALLWAY**
FLOOR: Epoxy coating over concrete slab
WALL BASE: 4 inch resilient wall base
WALLS: Acrylic paint over filler/concrete block or gypsum board
CEILING: Extend existing painted gypsum board ceiling

HARDWARE SCHEDULE

- GROUP 1**
Hinges: 3, ball bearing standard duty (Hager BB1279)
Lockset: heavy duty communicating lock function, lever handle (Schlage D72PD)
Closer: inside surface mount (LCN 4110)
Stop: wall stop (Ives WS 401/402)
Seals: silicone bulb, head and jambs (Pemko S88)
- GROUP 2**
Hinges: 2, standard duty (Hager AB700)
Lock: keyed cylinder, compatible with Court standards (Schlage B600)
Seals: silicone bulb, all sides (Pemko S88)
- GROUP 3**
Hinges: 3, ball bearing standard duty (Hager BB1279)
Lockset: heavy duty communicating lock function, lever handle (Schlage D72PD)
Closer: inside surface mount (LCN 4110)
Door Bottom: aluminum shoe, vinyl bulb smoke seal (Pemko 217)
Threshold: accessible saddle, full width (Pemko 270)
Seals: silicone bulb, head and jambs (Pemko S88)
- GROUP 4**
Hinges: 3, ball bearing heavy duty (Hager BB1168)
Lock: keyed cylinder, compatible with Court standards (Schlage B600)
Pull: 1" diameter round x 8" long (Ives 8103-8)
Pull Plate: 4" x 16", custom cutouts for pull and cylinder (Ives 8300)
Seals: silicone bulb, head and jambs (Pemko S88)
Cabinet Pull (window cover): metal 4" wire pull (Hafele 117.50.610)
Electric Function: electric latch retraction (Von Duprin E with power supply)

DOOR SCHEDULE

NO.	TYPE	FRAME	WIDTH	HT.	THICK.	HDWRE.	REMARKS
1	SD.1	SF.1	3'-0"	6'-8"	1-3/4"	1	HALLWAY PASSAGE, GLASS-CLAD POLYCARBONATE
2	WD.1	SF.3	2'-0"	4'-0"	1-3/4"	2	CHASE ACCESS DOOR
3	WD.1	SF.3	2'-0"	4'-0"	1-3/4"	2	CHASE ACCESS DOOR
4	SD.1	SF.1	3'-0"	6'-8"	1-3/4"	3	SECURE PASSAGE, GLASS-CLAD POLYCARBONATE , 60 MIN. RATED
5	SD.2	SF.2	3'-0"	6'-8"	1-3/4"	4	HOLDING CELL ENTRY, GLASS-CLAD POLYCARBONATE , 60 MIN. RATED
6	SD.2	SF.2	3'-0"	6'-8"	1-3/4"	4	HOLDING CELL ENTRY, GLASS-CLAD POLYCARBONATE , 60 MIN. RATED



REMODEL PLAN & INT. ELEV. KEYNOTES

- PLUMBING CHASE
- 2040 SOLID CORE WOOD DOOR
- 3070 SOLID CORE STEEL DOOR
- "COMBY" TOILET / SINK / BUBBLER
- STAINLESS STEEL PRIVACY SCREEN
- STAINLESS STEEL 12" FLOOR MTD. BENCH
- CONC. BLOCK WALL BELOW
- STAINLESS STEEL COUNTER
- SAFETY GLASS PARTITION WITH SPEAK HOLE
- 3070 SOLID CORE WOOD DOOR
- NEW CONCRETE BLOCK WALL
- NEW WOOD FRAMED WALL
- STAINLESS STEEL FIXED STOOL
- 12-1/2"W X 16-1/2" H STAINLESS STL. MIRROR
- EXISTING CABINET TO BE REMOVED AND REINSTALLED
- EXISTING WINDOW FRAME TO BE RELOCATED AS NECESSARY

PROJECT

COUNTY OF KERN

SHAFTER -
WASCO
SUPERIOR
COURT

325 Central Valley Hwy
SHAFTER, CALIFORNIA

CLIENT JOB # ARCHITECT JOB #
1003

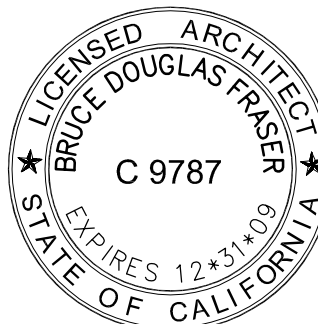


PROJECT MANAGER BDF

DRAWN BY BS

DATES 07-07-10
09-10-10
10-18-10 PLAN CHECK 1
11-23-10 PLAN CHECK 2
12-30-10 PLAN CHECK 3

SIGNED



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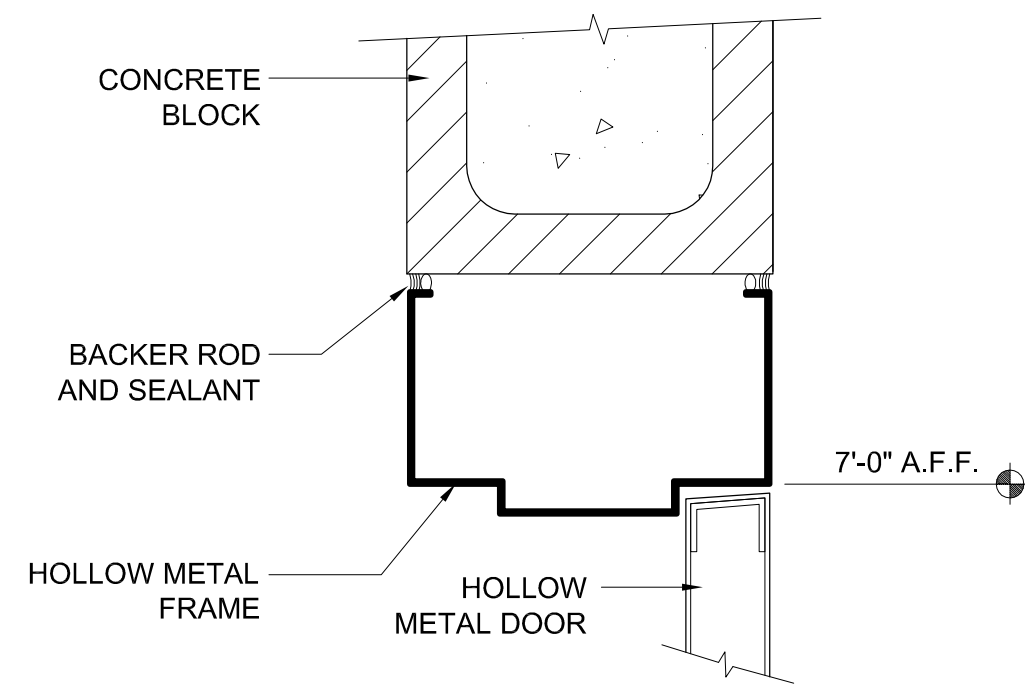
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SHEET TITLE

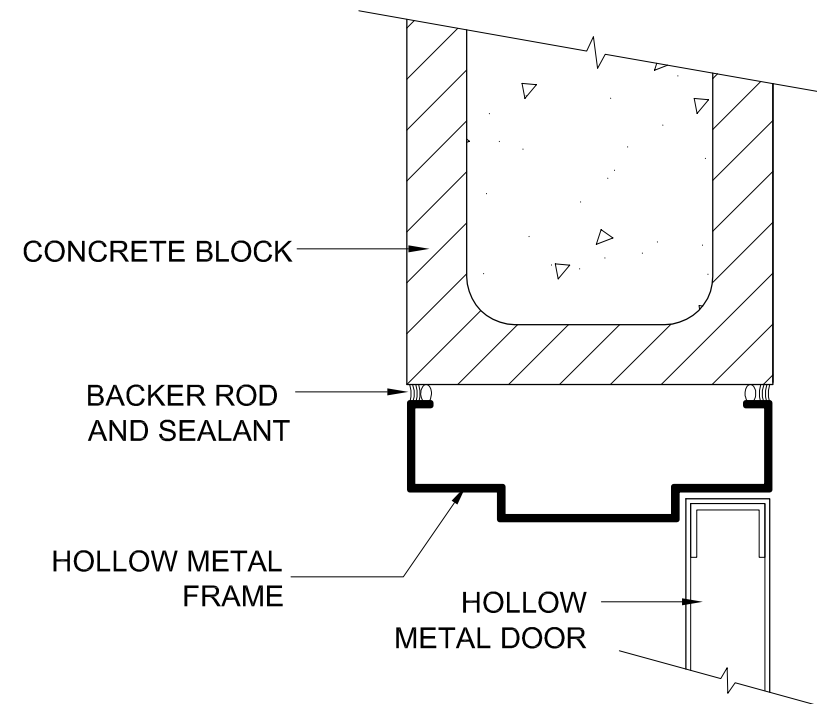
REMODEL PLAN,
INTERIOR ELEVATIONS

SHEET #

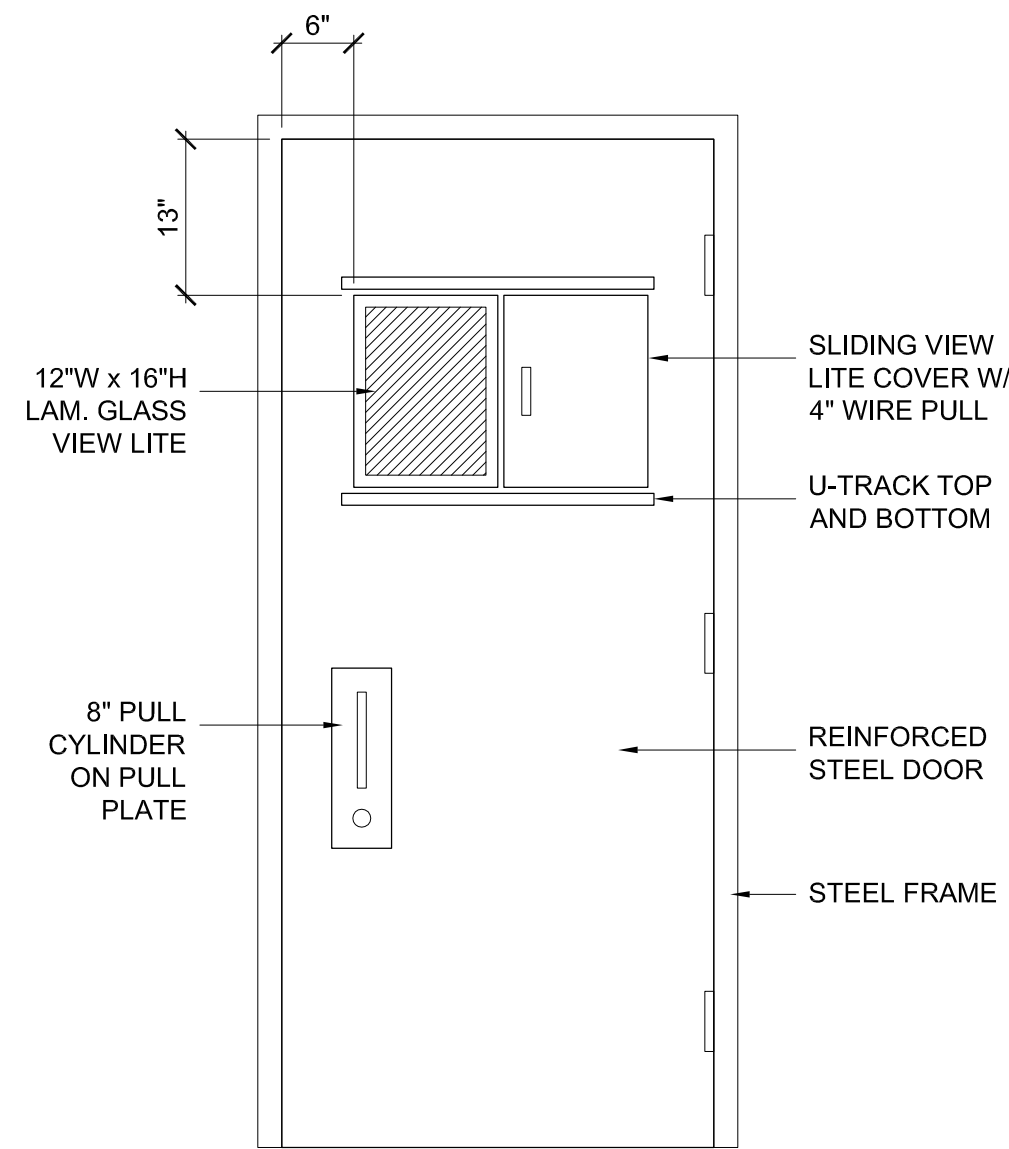
A.3



HEAD

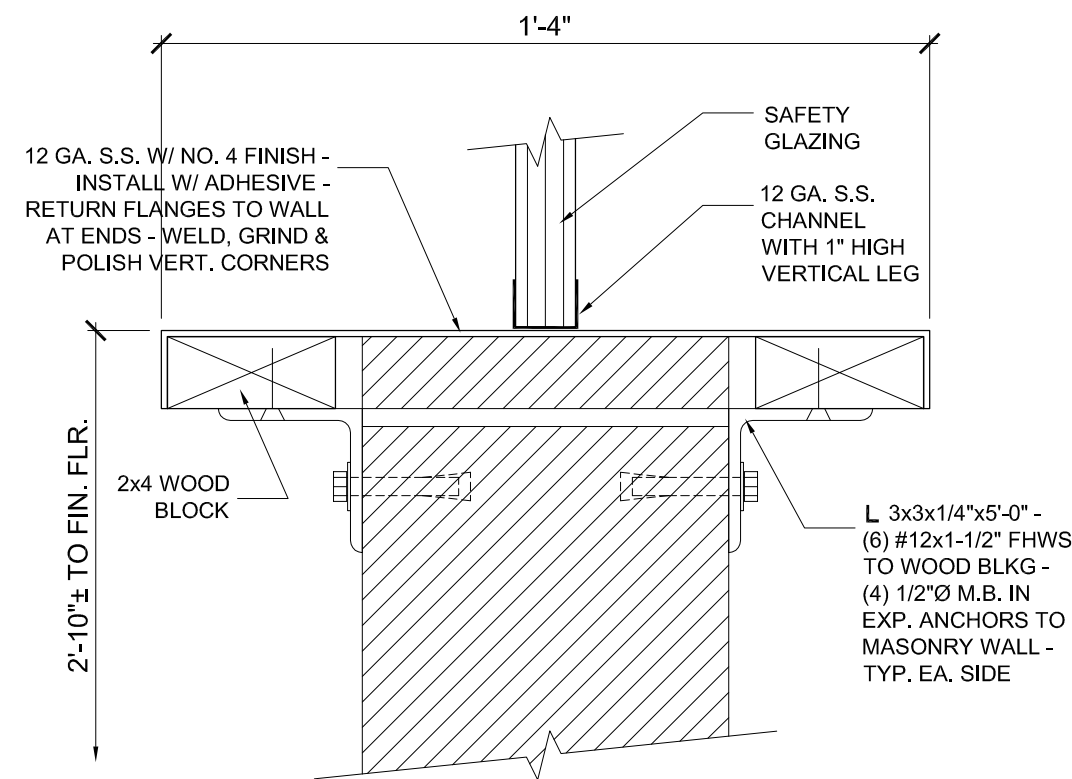


JAMB

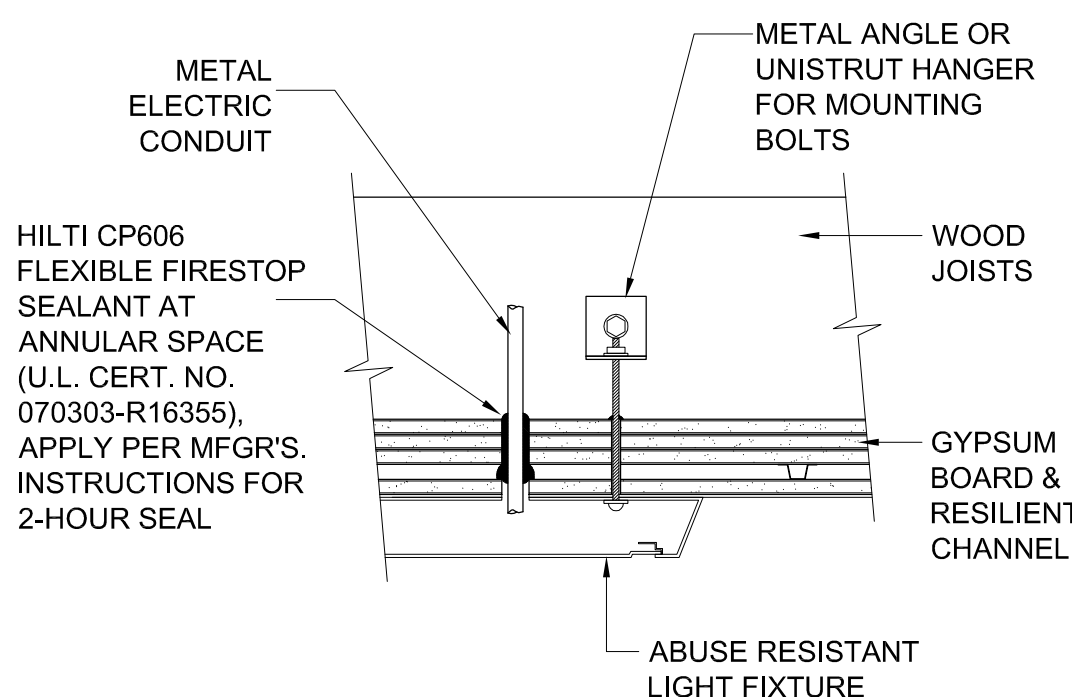


42 DOOR HEAD / JAMB @ CMU
3"=1'-0"

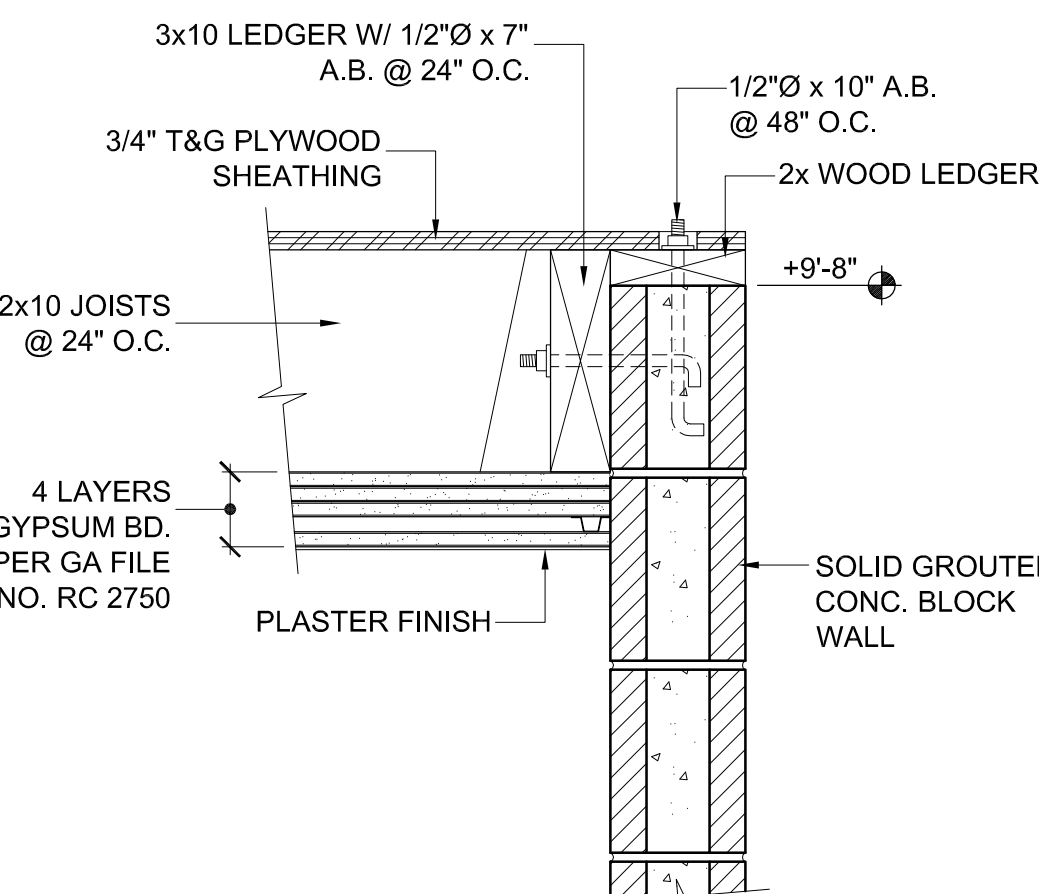
32 CELL DOOR ELEVATION
SCALE : 3/4" = 1'-0"



53 INTERVIEW WINDOW
3"=1'-0"

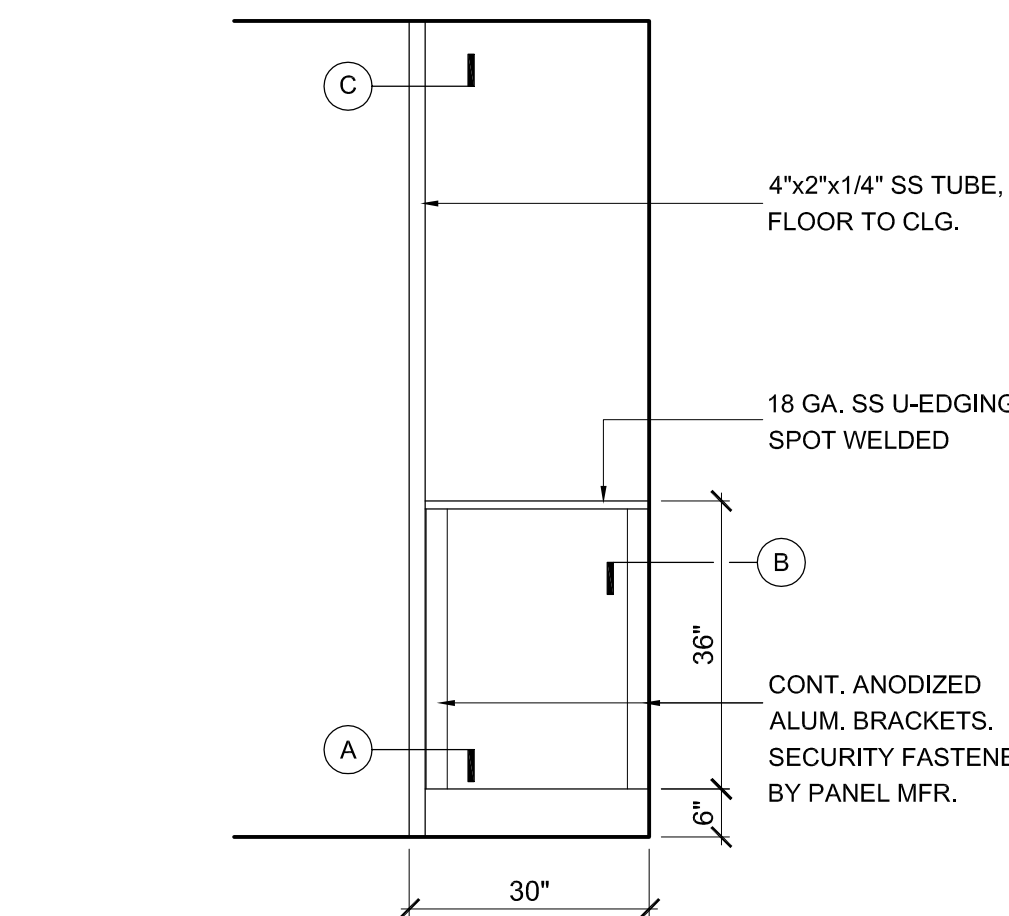


54 CELL LIGHT FIXTURE
1-1/2"=1'-0"

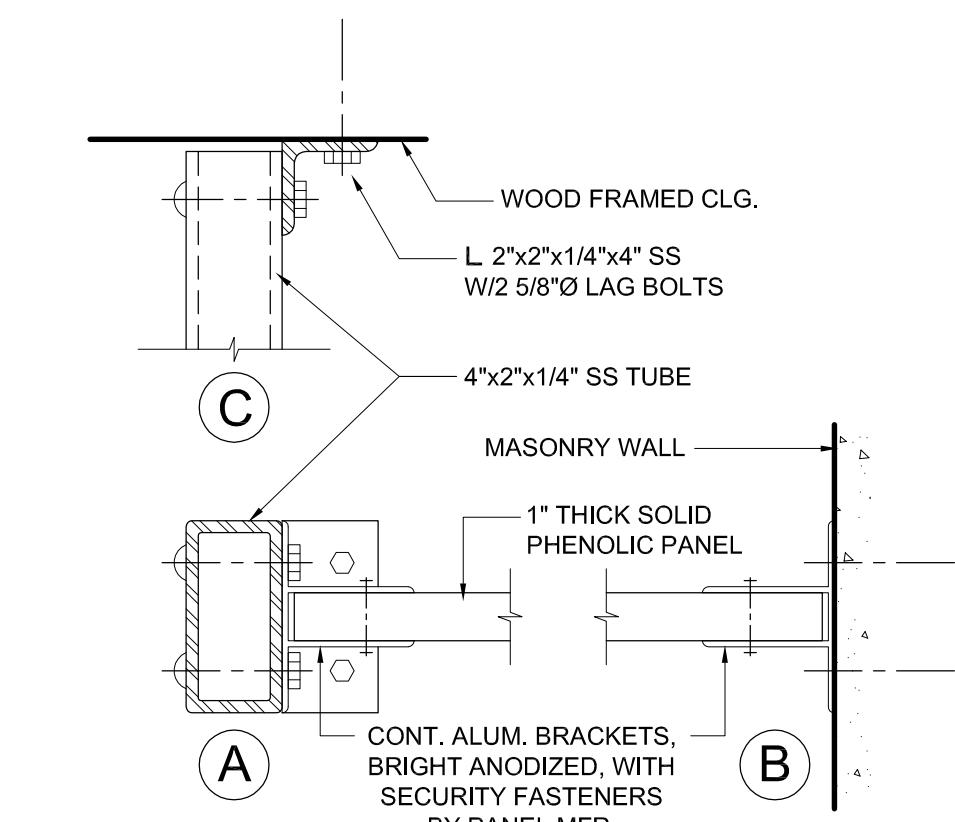


GA File No. RC2750:
Base layer 5/8" type X gypsum wallboard applied at right angles to either 2x10 wood joists or 9-1/2" deep wood I-joists 24" o.c. with 1-1/4" Type W drywall screws 12" o.c. **Second** layer 5/8" type X gypsum wallboard applied at right angles to joists or I-joists with 2" Type W drywall screws 12" o.c. Second layer joints offset 24" from base layer joints. **Third** layer 5/8" type X gypsum wallboard applied at right angles to joists or I-joists with 2-1/2" Type W drywall screws 12" o.c. Third layer joints offset 12" from second layer joints. Hat-shaped rigid furring channels 24" o.c. applied at right angles to joists or I-joists over third layer with two 2-1/2" long Type W drywall screws at each joist or I-joist. **Face** layer 5/8" type X gypsum wallboard applied at right angles to furring channels with 1-1/8" Type S drywall screws 12" o.c. Wood joist or I-joists supporting 3/4" T&G edge plywood applied at right angles to joist or I-joists with 8d nails 6" o.c. at joints and 12" at intermediate joists or I-joists. Appropriate roof covering.

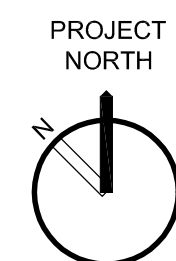
44 2-HOUR CEILING
1-1/2"=1'-0"



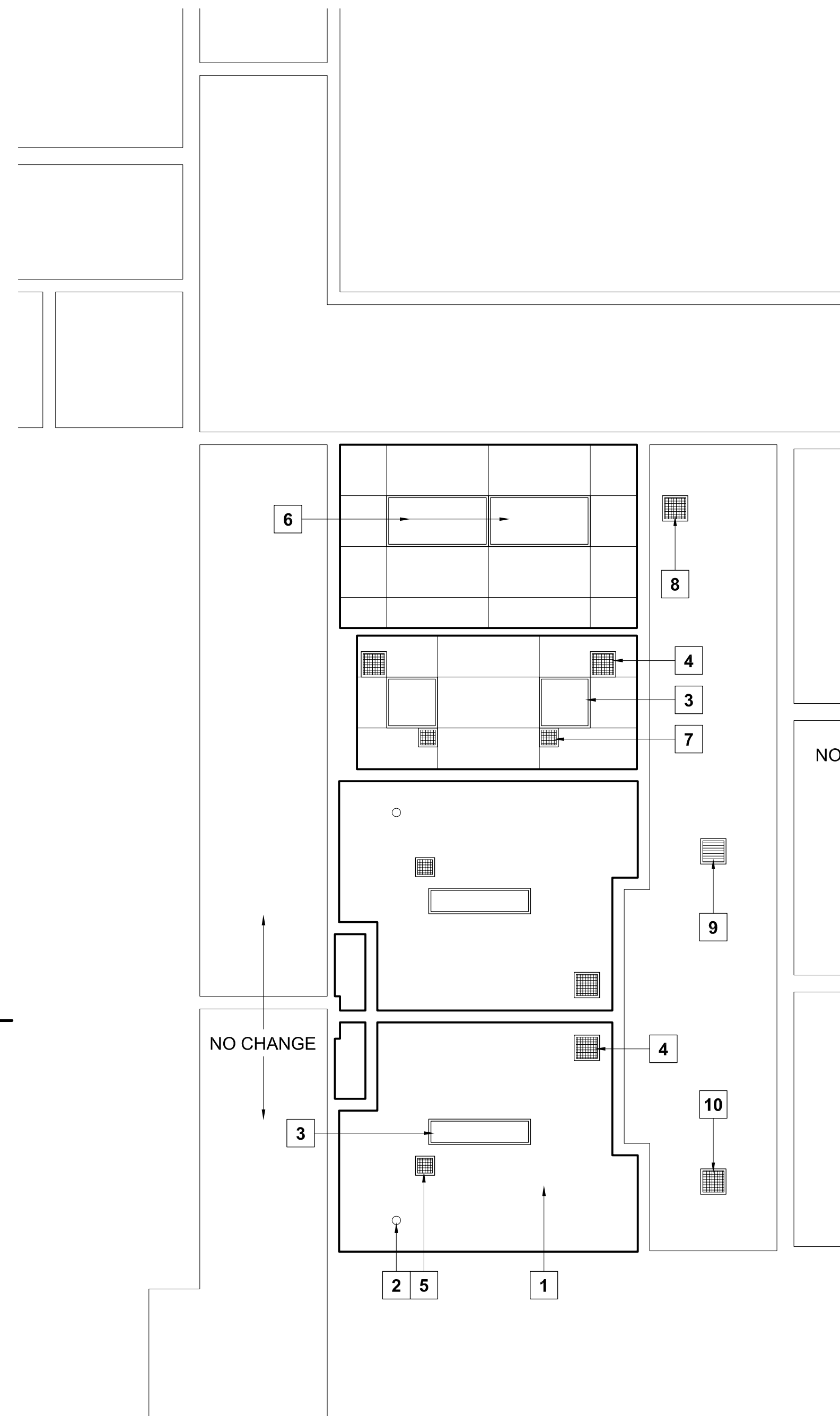
ELEVATION
1/2" = 1'-0"



34 PRIVACY SCREEN
SCALE : AS NOTED



REFLECTED CEILING PLAN
SCALE : 1/4" = 1'-0"



REFLECTED CEILING PLAN KEYNOTES

1. PAINTED PLASTER CEILING AT +8'-6".
2. CCTV SURFACE CEILING CAMERA.
3. RECESSED VANDAL RESISTANT LIGHT FIXTURE.
4. HARDENED SUPPLY AIR REGISTER.
5. HARDENED EXHAUST GRILLE.
6. EXISTING RECESSED LIGHT FIXTURE.
7. HARDENED RETURN AIR REGISTER.
8. EXISTING EXHAUST GRILLE.
9. SUPPLY AIR REGISTER.
10. RETURN AIR REGISTER.

PROJECT

COUNTY OF KERN

SHAFTER - WASCO SUPERIOR COURT

325 Central Valley Hwy
SHAFTER, CALIFORNIA

CLIENT JOB # ARCHITECT JOB #
1003

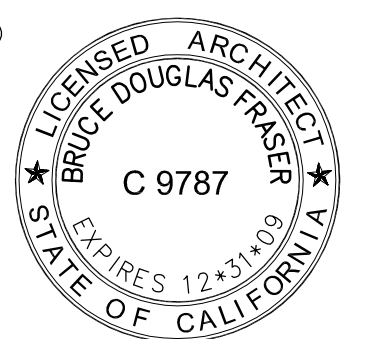
FRASER
SEIPLE
ARCHITECTS

PROJECT MANAGER BDF

DRAWN BY BS

DATES 07-07-10
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SIGNED



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SHEET TITLE

REFLECTED CEILING PLAN, DETAILS

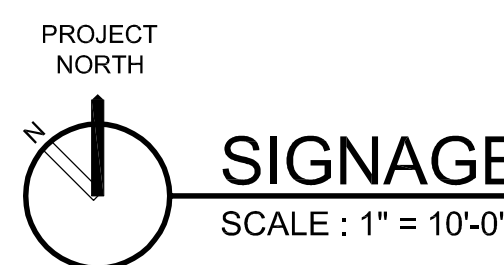
SHEET #

A.4

SIGN	LOCATION	COPY	NOTES (SIGN SIZE W x H)
A	wall right of (e) cell door	HOLDING 1	6"x 6" white on bronze
B	wall left of (e) cell door	HOLDING 2	6"x 6" white on bronze
C	wall left of (e) cell door	HOLDING 3	6"x 6" white on bronze
D	wall right of cell door 5	HOLDING 4	6"x 6" white on bronze
E	wall left of cell door 6	HOLDING 4	6"x 6" white on bronze
F	wall right of door 4	INTERVIEW	6"x 6" white on bronze, Braille
G	wall left of cell door 1	INTERVIEW	6"x 6" white on bronze, Braille
H	wall left of cell door 6	SHERIFF	6"x 6" white on bronze, Braille
I	wall right of (e) door	EXIT ROUTE + (accessibility symbol and right arrow)	6"x 9" white on bronze, Braille
J	wall right of (e) door	EXIT + (accessibility symbol)	6"x 9" white on bronze, Braille
K	wall right of (e) door	EXIT ROUTE + (accessibility symbol)	6"x 9" white on bronze, Braille
L	wall left of (e) door	EXIT ROUTE + (accessibility symbol and right arrow)	6"x 9" white on bronze, Braille
M	wall right of (e) door	EXIT ROUTE + (accessibility symbol)	6"x 9" white on bronze, Braille
N	wall left of (e) door	EXIT + ALARM WILL SOUND + (accessibility symbol)	6"x 9" white on bronze, Braille
O	wall right of (e) door	EXIT ROUTE + (accessibility symbol)	6"x 9" white on bronze, Braille
P	wall opposite (e) door	EXIT ROUTE + (accessibility symbol and left arrow)	6"x 9" white on bronze, Braille
Q	wall left of (e) door	EXIT + (accessibility symbol)	6"x 9" white on bronze, Braille
R	wall left of (e) door	EXIT ROUTE + (accessibility symbol)	6"x 9" white on bronze, Braille
S	wall right of (e) door	EXIT + (accessibility symbol)	6"x 9" white on bronze, Braille
T	surface of (e) door	AUTHORIZED ENTRY ONLY	6"x 6" white on bronze, Braille
U	wall 6" from corner	EXIT ROUTE + (accessibility symbol)	6"x 9" white on bronze, Braille
V	wall 6" from corner	EXIT ROUTE + (accessibility symbol)	6"x 9" white on bronze, Braille
W	wall right of (e) door	EXIT ROUTE + (accessibility symbol)	6"x 9" white on bronze, Braille
X	wall right of (e) door	EXIT + (accessibility symbol)	6"x 9" white on bronze, Braille
Y	wall right of (e) door	INTERVIEW	6"x 6" white on bronze, Braille
Z	wall left of (e) door	INTERVIEW	6"x 6" white on bronze, Braille
AA	back of glass to right of (e) entry door	(accessibility symbol)	6"x 6" white on blue standard decal
BB	surface of (e) door	(unisex symbols)	12" triangle in circle, white on blue
CC	wall right of (e) door	RESTROOM + (unisexaccessibility symbol)	6"x 9" white on blue, Braille
DD	wall right of (e) door	JURY	6"x 6" white on bronze, Braille



1. All new signage shall comply with the provisions of CBC 1117B.5 for finish and contrast, proportions, character height, the use of raised characters/images, the application of Grade 2 Braille, and mounting location/height.
2. The height to the center of signs shall be 60" above the finish floor unless otherwise noted.
3. The international symbol of accessibility at the building entry may be a decal or vinyl image applied to the glass; all other signage for this work shall be wall-mounted plaques with raised characters/images and Braille dots as indicated in the Sign Schedule.
4. Bring any conflicts between the proposed location of a sign and other signage, electrical devices, etc., to the attention of the Architect for resolution prior to signage installation.



SCALE : 1" = 10'-0"

A.5

GENERAL NOTES

1. Verify all dimensions on the structural sheet with the architectural plans.
2. Report any discrepancies to the architect and engineer immediatly and prior to resumption of work.
3. UNO = Unless Noted Otherwise.

STRUCTURAL STEEL

1. Rolled shapes and plates shall conform to ASTM A-36 unless noted.
Tubes shall be ASTN A500 Grade B
Pipes shall be ASTM A53 Grade B.
Identification procedures shall conform to ASTM A-6.
2. Welding shall conform to AWS D11 and shall use either the shielded or submerged arc methods. Electrodes used for welding to A-36 steel shall be E70XX. Electrodes for welding to A-572 (Grade 50) steel shall be E70XX low hydrogen type. Welders shall be certified.
3. All connections show on plans are typical. Steel fabricator to detail those connections not specifically shown and shall submit shop drawings for review by the engineer of record, and approval by the D.S.A.
4. Steel fabricator to verify all dimensions with the architectural and structural drawings.
5. All welding to be continuously inspected by AWS certified inspector.
6. All fabrication shall be done in a shop of approved fabricator.
7. All bolt holes shall be 1/16" larger than bolt unless noted.

MASONRY

1. All concrete block shall conform to ASTM C90, Grade N. Fill all cells with grout.
2. Grout shall develop 2000 psi in 28 days. Mortar shall be type "S".
3. All reinforcing steel shall be ASTM A-615 Grade 60 (#3 may be Grade 40) Splices in reinforcing steel shall be minimum 48 bar diameters unless noted.
4. All isolated bolts embedded in masonry shall be grouted solidly in place with not less than 1" of grout surrounding bolt.
Titen HD anchors shall be separated from masonry head joints as required by ICC ESR-1056.
5. Vertical bolts set on top of the wall shall be set on center line of wall UNO.
6. Alll wood plates bolted on top of masonry walls shall be set on a mortar bed to provide uniform bearing.

REINFORCED CONCRETE

1. Use aproved percast concrete Dobies to support footing steel off the ground.
2. All concrete f'c= 3000 psi (Slab-on-grade can have f'c= 2500 psi).
3. Anchor bolts and dowels shall be securly held in place befor concrete is poured.
4. All reinforcing steel shall be ASTM A-615 Grade 60 (#3 may be Grade 40)
Splices in reinforcing steel shall lap as follows:
#3 thru #5 = 30*Diam., #6 & #7 = 40*Diam., #8 & #9 = 52*Diam., #10 and #11 = 66*Diam., Column bars = 30*diam. UNO.
Horizontal splices shall be staggered.
At splices and laps for beams, bars shall be separated 2.1/2"oc min. but in no case shall the separation be less than 1.1/2" c/c. (Column bars may be in contact and wall bars be wired together at splices). Lap splice W.N.F. one cross bar +2".
5. The clear distance between parallel bars shall not be less than 1.1/2" UNO.
6. Reinforcing steel shall have a protected concrete cover as follows: UNO
Wall Steel Below Grade: On dirt side poured against dirt = 3"
On dirt side when formed = 2"
Wall Steel Above Grade: In all cases = 1.1/2"
Other items: Footing Pads = 3"
Slabs (L.N. Conc.) = 3/4"
Slabs (Hard Rock Conc.) = 1"
Joists (sides, tops & soffits) = 1"
Columns (to main steel) = 2"
Beam Girders (sides,top & soffit) = 2"
7. All slabs on earth shall have "quick-joint" installed to provide approximately 15 foot squares UNO. Where concrete pours are stopped, the joint shall be formed as a construction joint.

FOUNNDATION NOTES:

1. Soil Design Bearing Value = 1500 psf, Footings to extend 18" Min. below ad-jacent grade.
2. All footings are to bear in firm native soil or approved engineered fill.

DESIGN LOADS

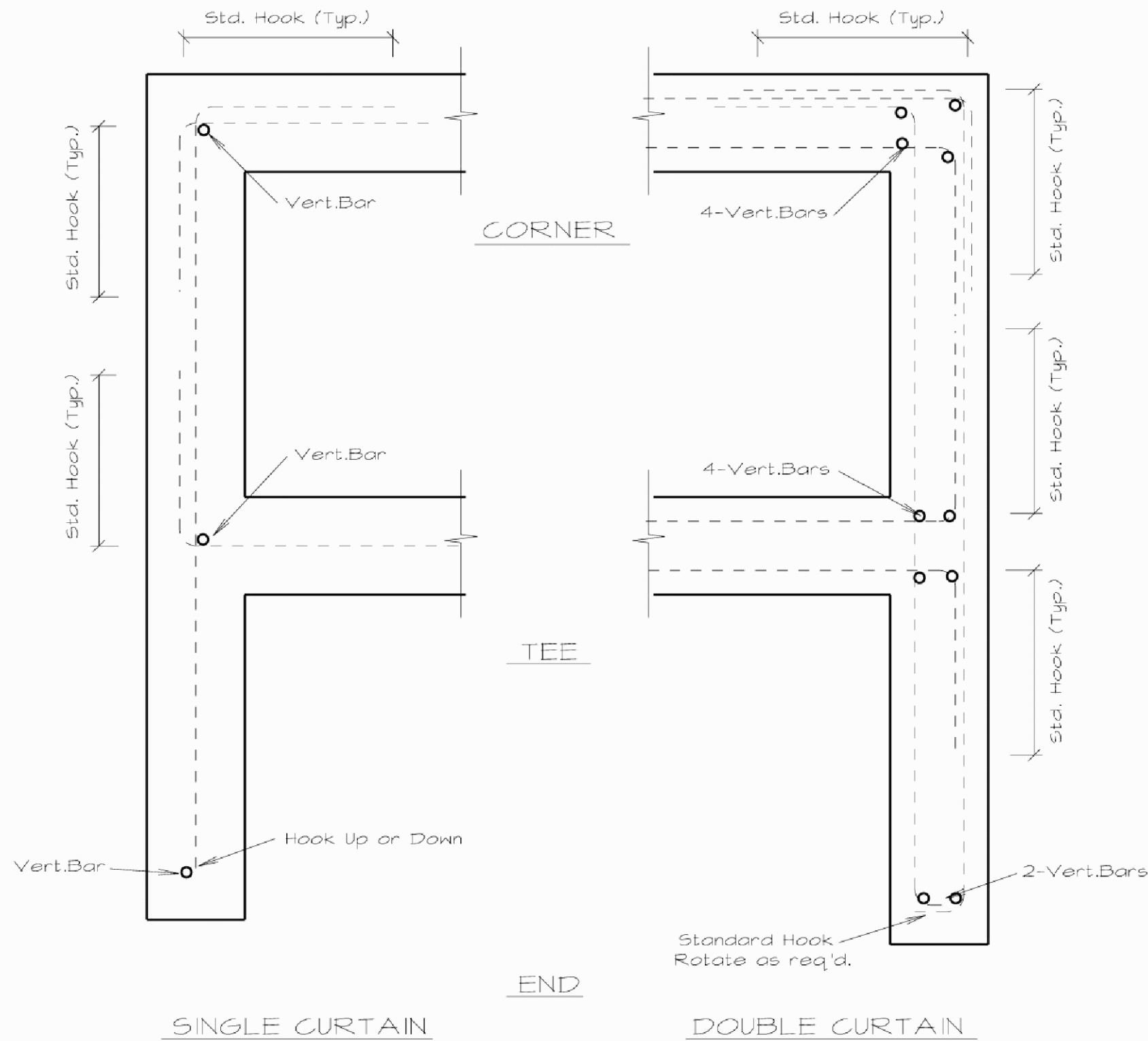
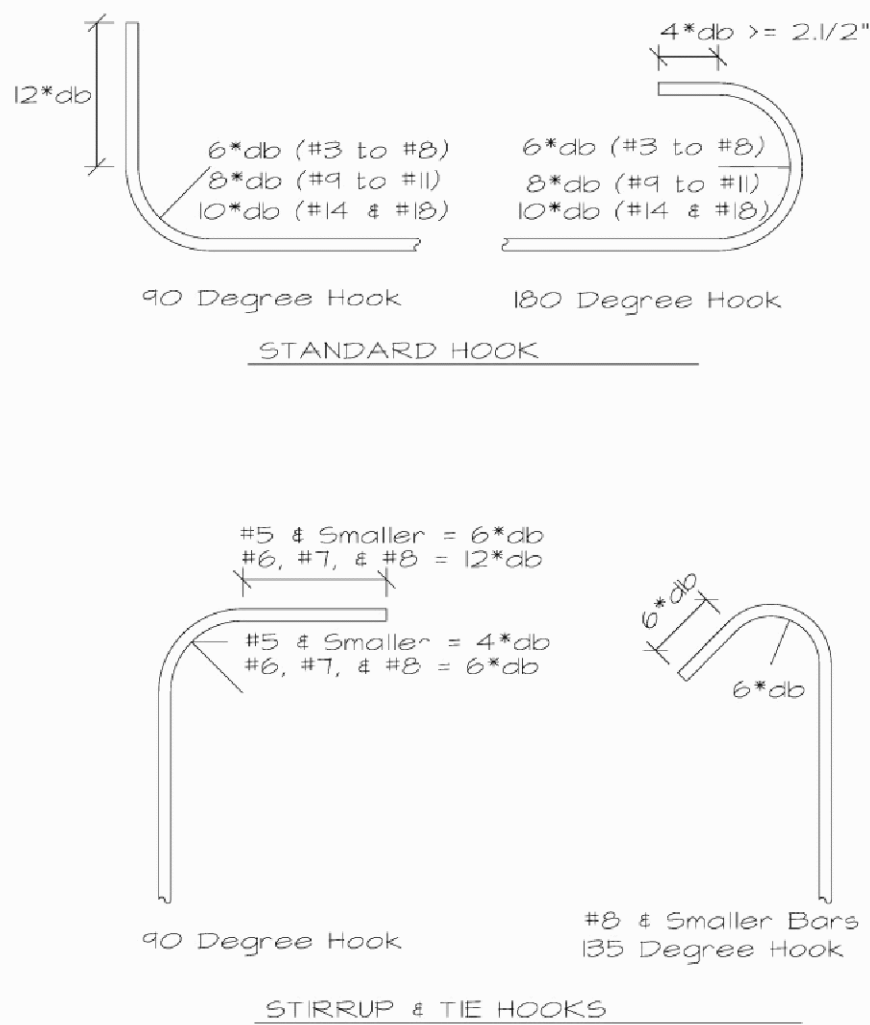
Roof Live Load: 10 psf (Ceiling)
Floor Live Load: N/A
Roof Snow Load: N/A
Flood Design Data: N/A
Basic Wind Speed: 85 mph
Exposure: B
Importance Factor: 1.15
Seismic Design Catagory: D
SITE CLASS: D
Importance Factor: 1.25
SI= 0.379
Ss= 0.998
SDS= 0.73
SDI= 0.42
Bearing Wall System:7
V= Cs*W
Cs= .18
R= 5
Equivalent Lateral Force Analysis

SPECIAL INSPECTIONS REQUIRED

- A. Concrete Design f'c= 2500 psi, No Special Inspection Required.
- B. Structural Masonry (Level 1) per CBC 1704.5.2 and CBC Table 1704.5.1
 1. Type S Mortar, 2000 psi Soild Grout, Rebar Fy= 60ksi
 2. Placement of Anchor Bolts for Seismic Ties @ Ceiling (Detail TI)
 3. Placement of rebar, especially in wall ends and corners.
- C. Post-installed concrete anchors per CBC 1704.13 and ICC Evaluation Report ESR-2508.
- D. Placement of Ceiling Joist Ties (Detail TI)
- E. Diaphragm placement and nailing.

WOOD FRAMING NOTES:

1. All framing lumber shall be grade marked Douglas Fir-Larch.
2. Sill plates shal be preasure treated Douglas Fir UNO.
3. Bearing Sill Plates bolted to concrete w/ 5/8"x 10" Anchor Bolts @ 48"oc UNO.
4. Studs shall be spaced 16"oc UNO & the size shown on the plans & Sections.
5. Bolts fastened to wood shall be fitted with standard cut washers.
6. Holes for bolts shall bored 1/32" larger than nominal bolt diameter.
7. Joist hanger and steel straos and connectors are by Simpson Strong-Tie company.
Substitutions by other manufacturer's should be approved prior to use and any documentation required for the substitutions shall be submitted for review.
8. Refer to CBC Table 2304.9.1 for minimum nailing schedule.



HORIZONTAL BARS IN WALLS & FOOTINGS

Concrete Lap Splices		Masonry Lap Splices	
#3 Ld=12"	#8 Ld=32"	#3 Ld=18"	#8 Ld=48"
#4 Ld=16"	#9 Ld=36"	#4 Ld=24"	#9 Ld=54"
#5 Ld=20"		#5 Ld=30"	
#6 Ld=24"		#6 Ld=36"	
#7 Ld=28"		#7 Ld=42"	

COUNTY OF KERN

SHAFTER-
WASCO
SUPERIOR
COURT

325 Central Valley Hwy
SHAFTER, CALIFORNIA

STEPHEN MACIE, P.E.

CALIF.CE:28063, HI.SE:5974
1009 Monro St. #201
San Luis Obispo, CA 93401
PH: 805-541-3837
Email:ECVAL38AOL.COM



Rev. 10/26/10

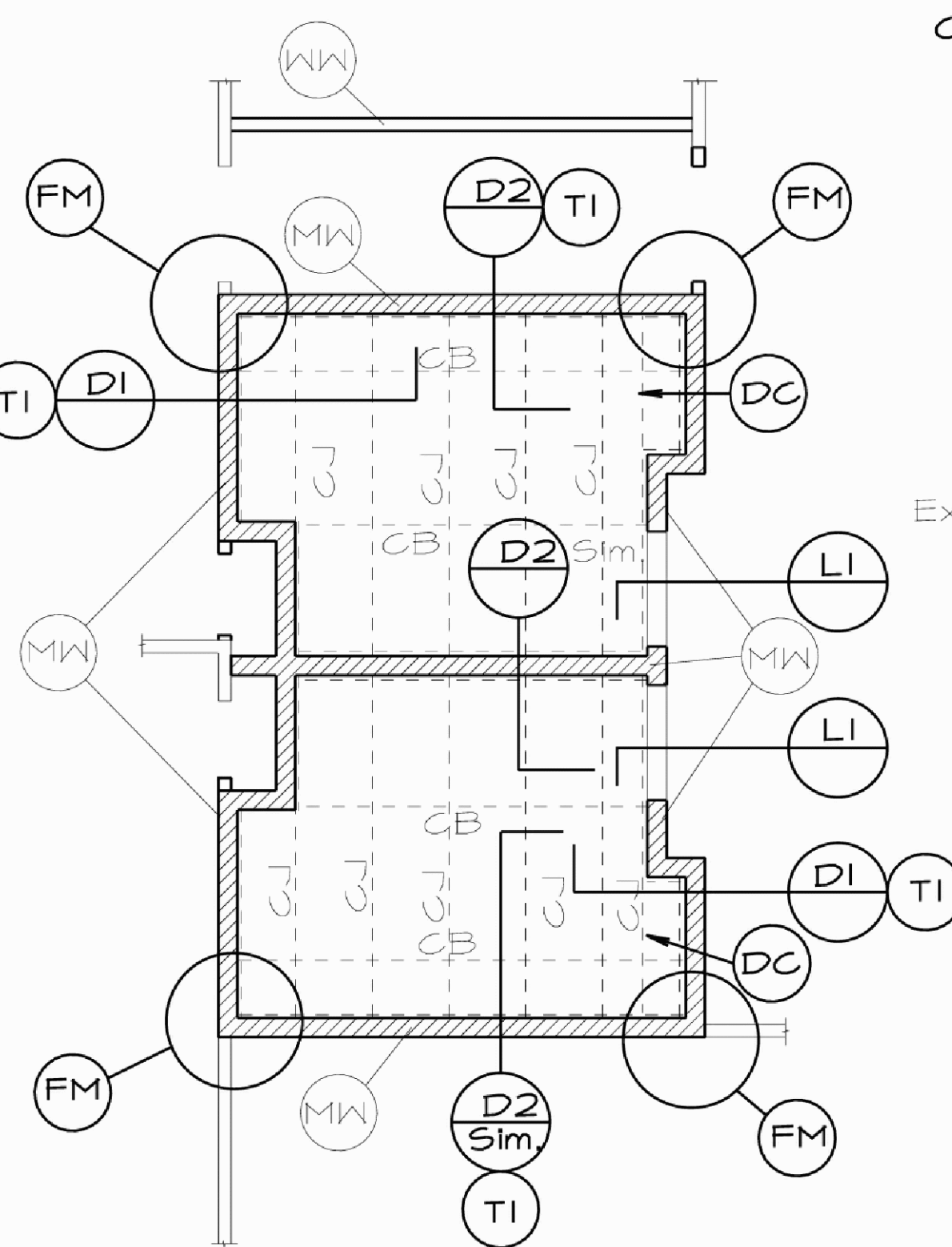
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SHEET TITLE:

SHEET #:

S.1



CEILING FRAMING PLAN

1/4" = 1'-0"

CJ = 2x10 DF#2 Ceiling Joists @ 24"oc, JB210 Hangers
CB = 2x10 DF Blocking (spacing = 48"oc max.)

Strap over Top Ply w/CS20 Strap

MW = 2x4 Framed Wall to Existing Ceiling

MW = 6"x 8"x 16" CMU, Solid Grout, F'm = 1500 psi

w/ #4's @ 32"oc Vert. & Horiz.

#4 Vertical @ Each Corner and End of Wall

All Vertical Rebar to Extend into New Footing or epoxy min. 8" into Existing Footing w/Simpson SET-XP System

#4 rebar around all Openings

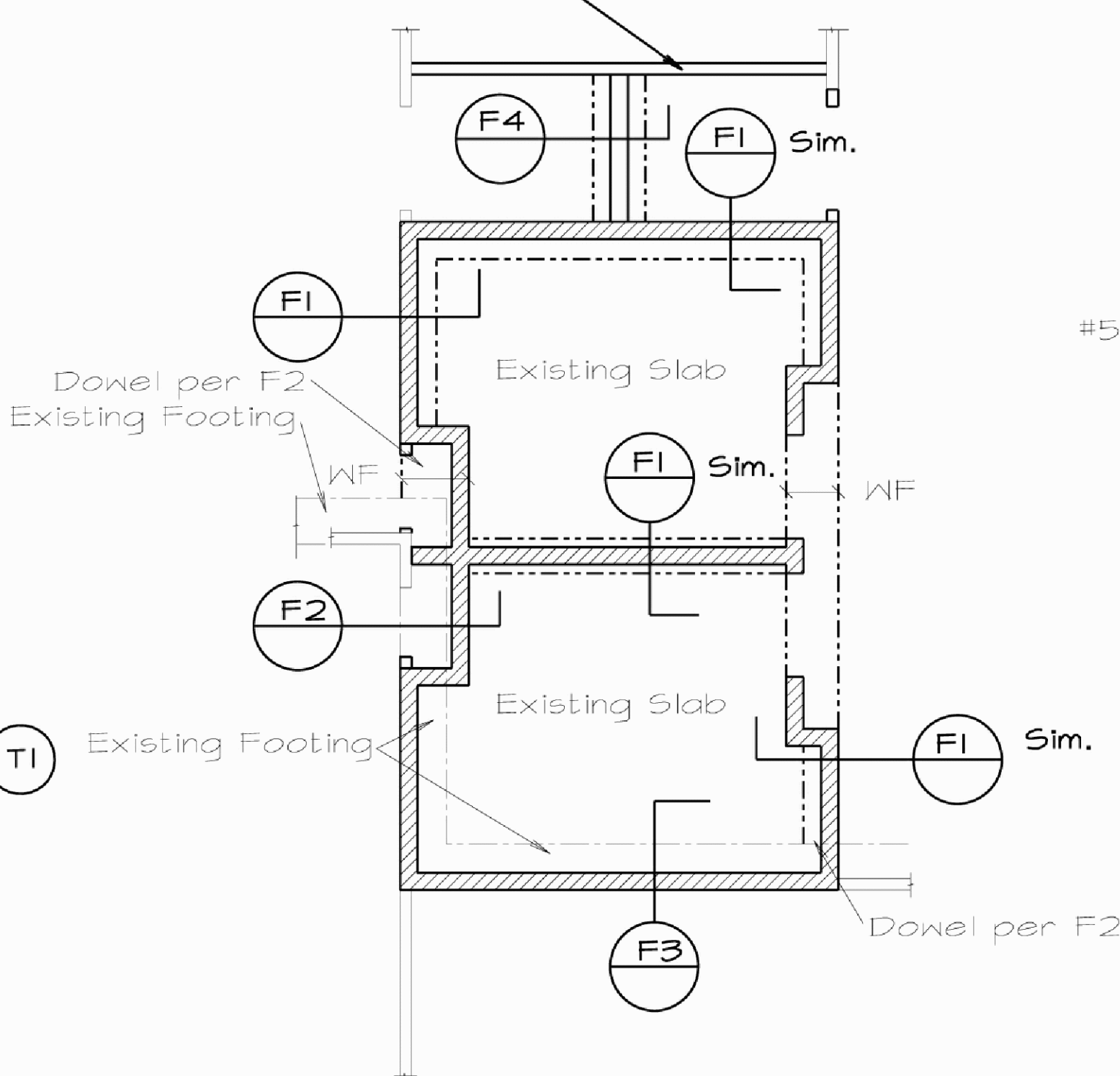
(extend 24" past opening each direction)

DC = Diaphragm Chord Ledger Beam to extend continuous to perpendicular walls.

FM = Wood Wall to Masonry Wall Connection, Epoxy 1/2" threaded rod 4" into CMU w/Simpson SET system, 12" from T&B of CMU wall and @ mid-point.

NOTE: Use standard washers @ all bolted wood connections.
See architectural plan for dimensional layout.

Case Hardened Nails @ 8"oc



FOUNDATION PLAN

1/4" = 1'-0"

Concrete f'c = 3000 psi @ 28 days

(Special Inspection not required, footing designed for 2500 psi)

Rebar Fy = 60 ksi (#3 Fy = 40 ksi)

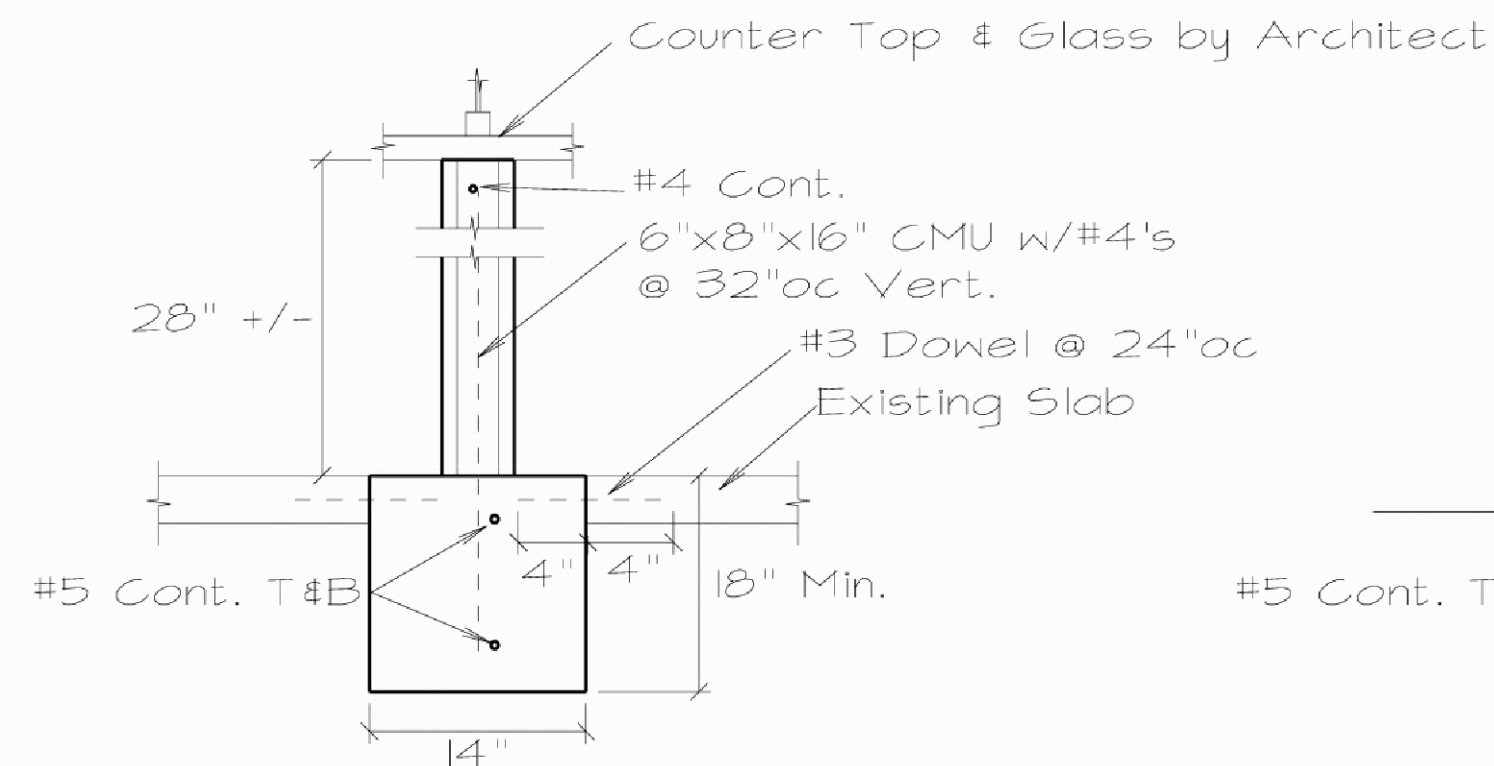
Dowel Existing Slab to New Footing w/#3's @ 24"oc w/SET-XP system.
(Extend 4" min. into slab)

Dowel New Footing Rebar into Existing Footing min. 4" w/SET-XP system.

WF = Widen Footing to extend Edge of Wall to Edge of Offset Wall

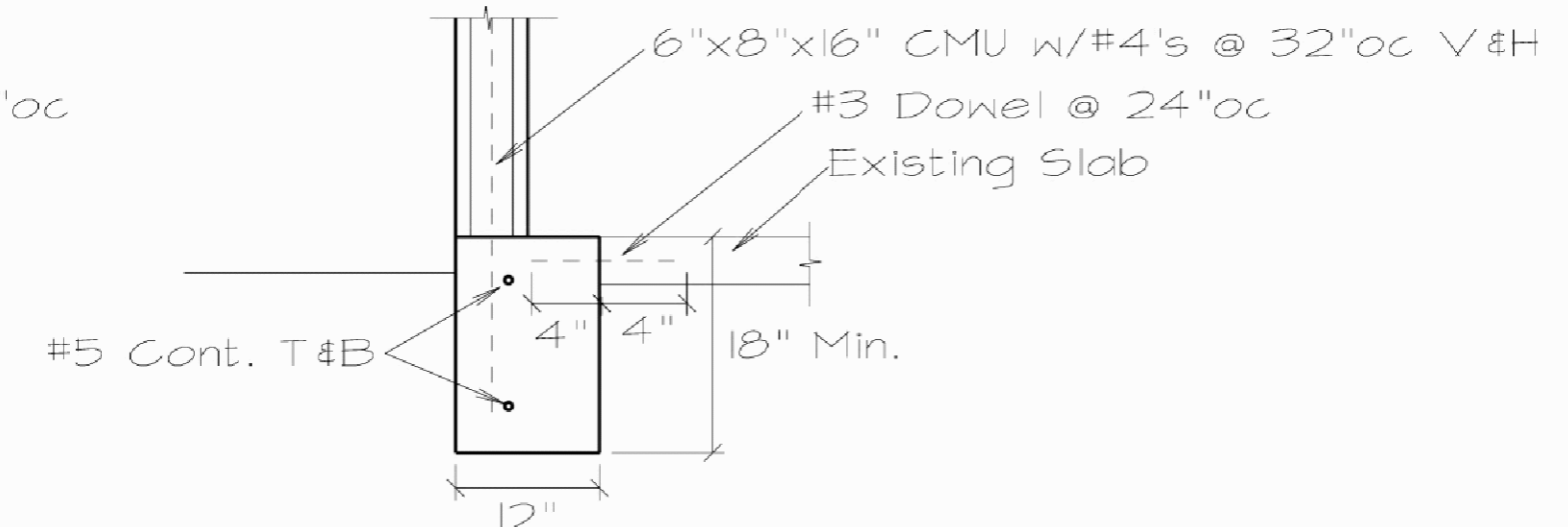
New Footing should extend 12" min. into Natural Grade

Rebar in concrete poured against soil requires 3" cover.



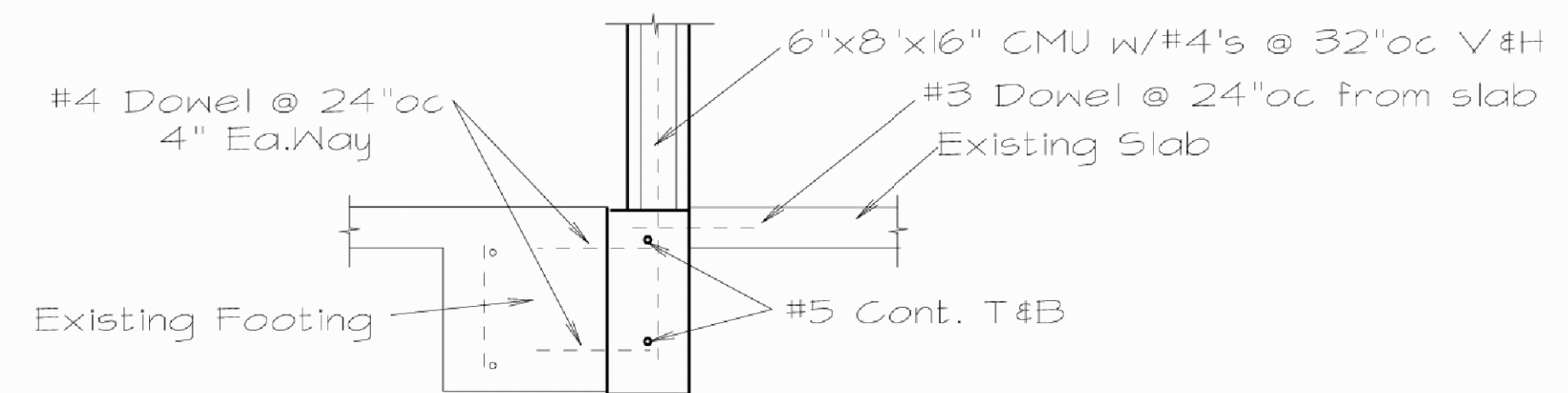
F4 PARTIAL WALL

3/4" = 1'-0"



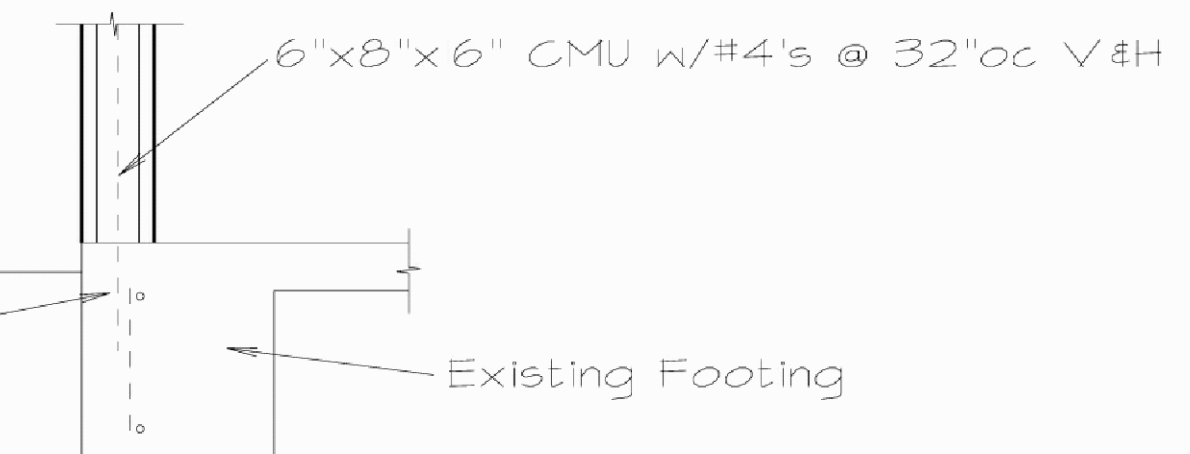
F1 NEW FOOTING

3/4" = 1'-0"



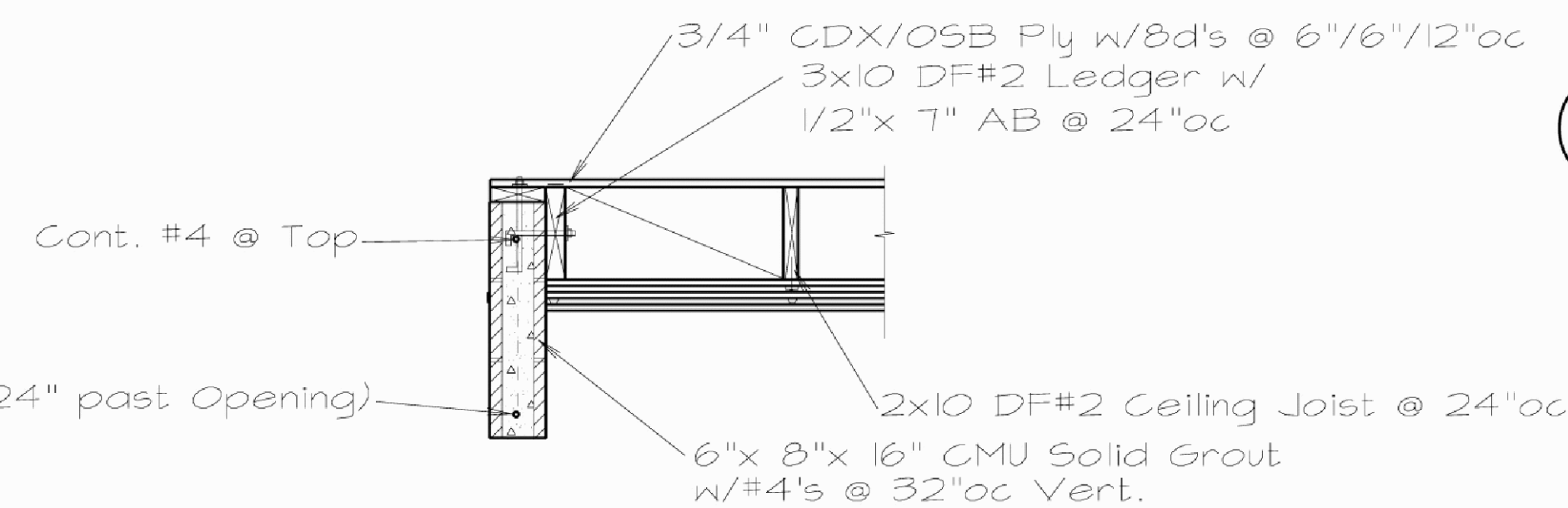
F2 WIDENED EXISTING FOOTING

3/4" = 1'-0"



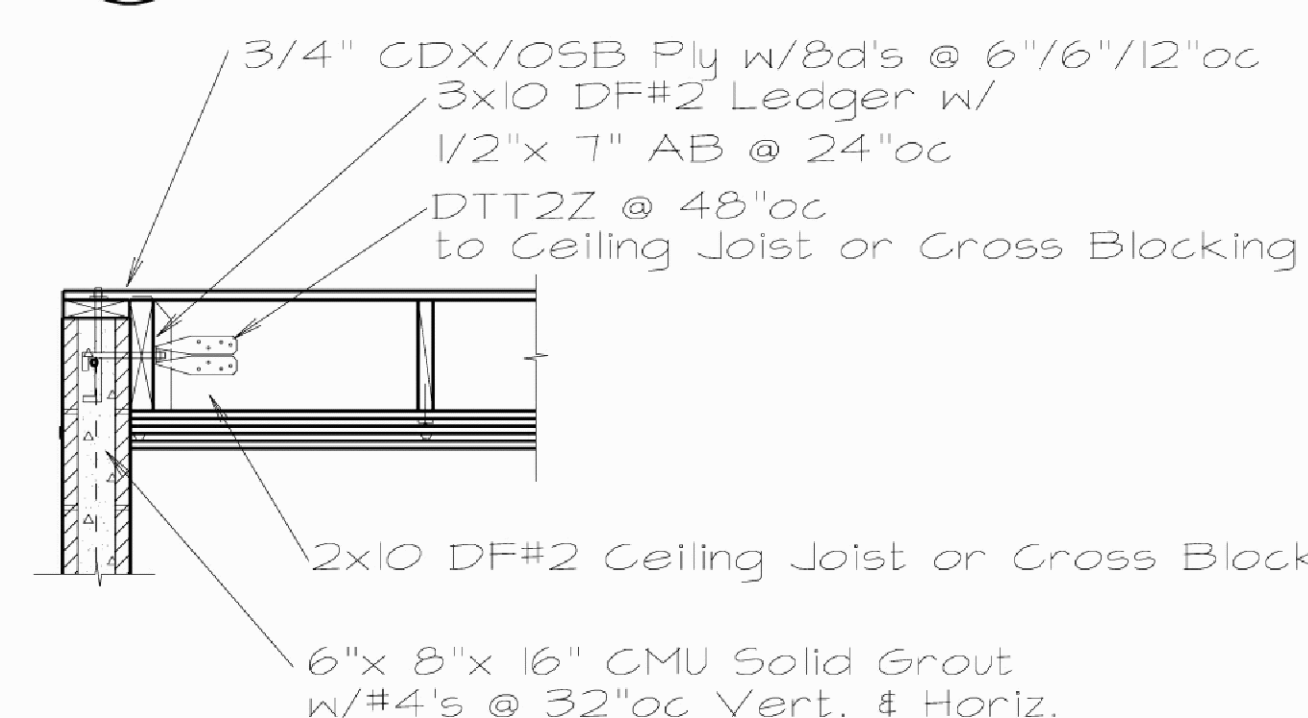
F3 EXISTING FOOTING

3/4" = 1'-0"



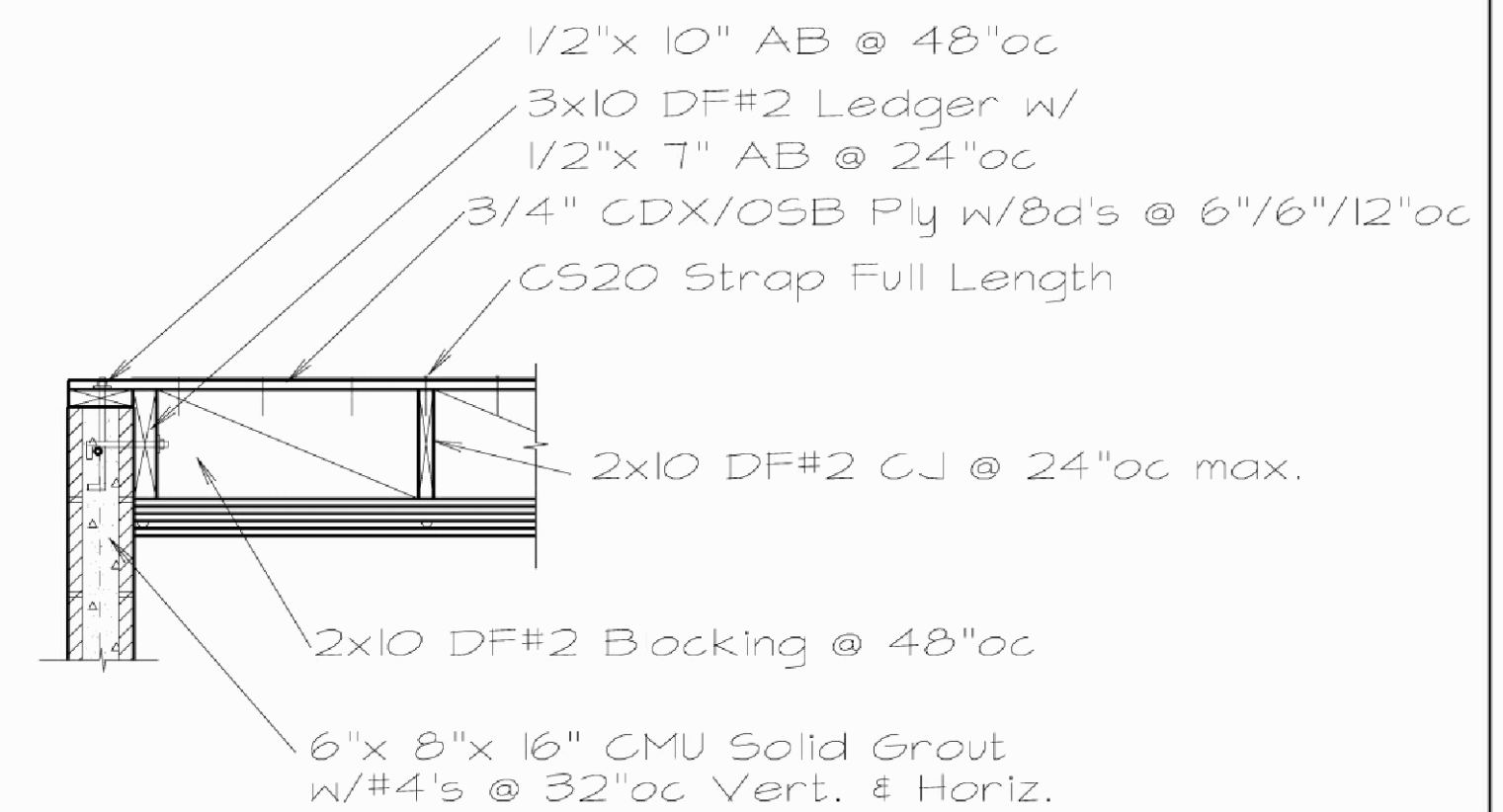
L1 LINTEL SECTION TYP.

3/4" = 1'-0"



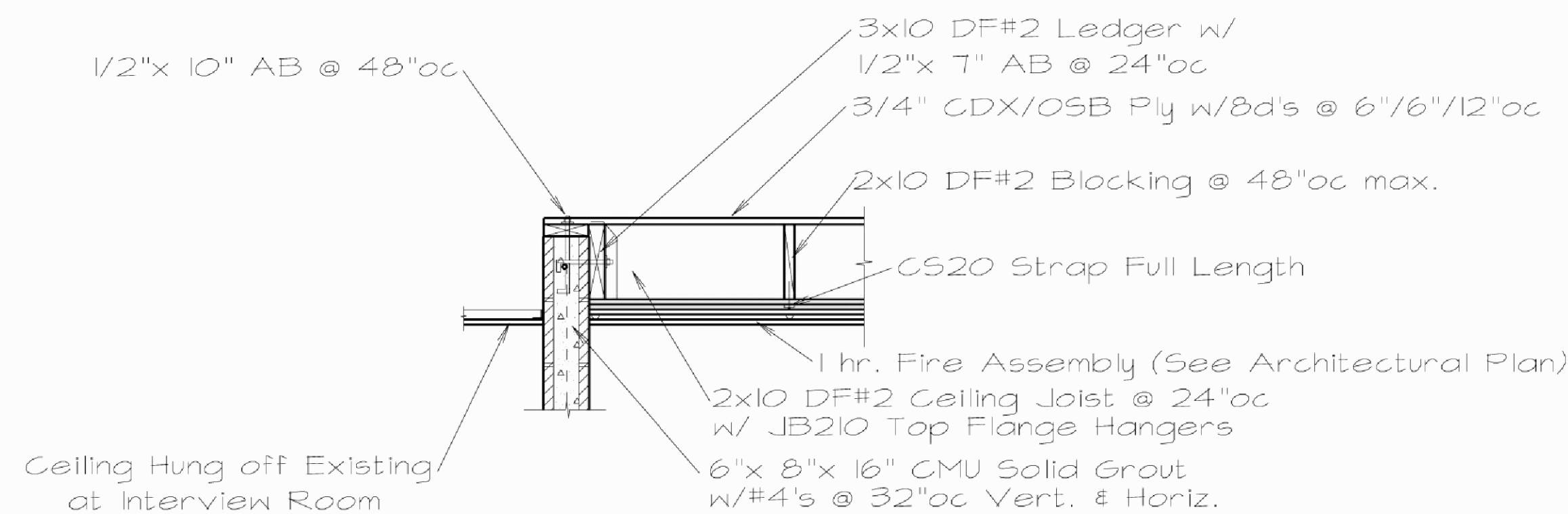
T1 OUT OF PLANE TIE

3/4" = 1'-0"



D1 SIDE WALL SECTION

3/4" = 1'-0"



D2 END WALL SECTION

3/4" = 1'-0"

Ceiling Hung off Existing at Interview Room

COUNTY OF KERN

SHAFTER-WASCO SUPERIOR COURT

325 Central Valley Hwy
SHAFTER, CALIFORNIA

STEPHEN MACIE, P.E.

CALIF.CE:28063, HI.SE:5974
1009 Monro St. #201
San Luis Obispo, CA 93401
PH: 805-541-3837
Email:ECVAL3@aol.com



Rev. 10/26/10

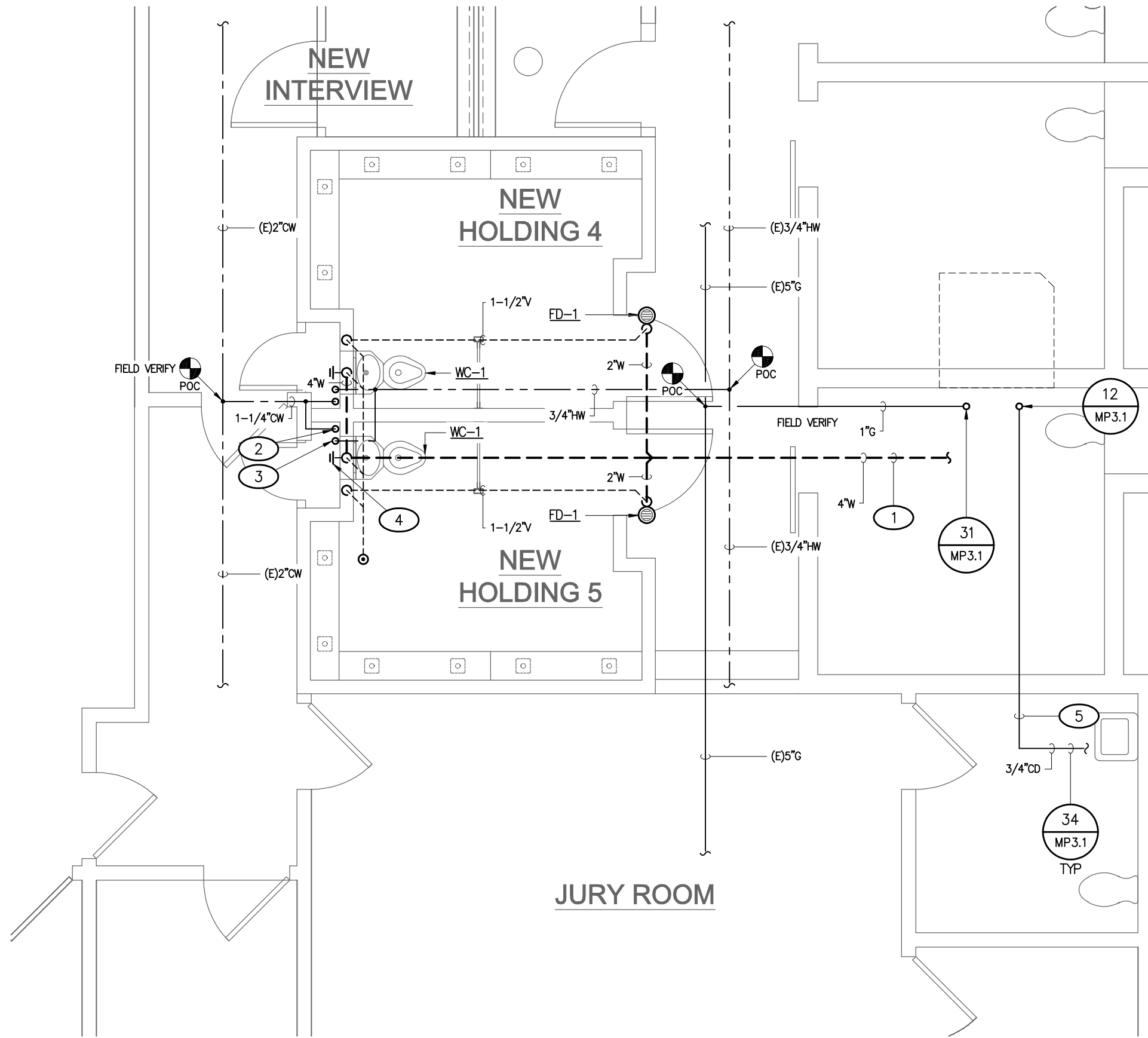
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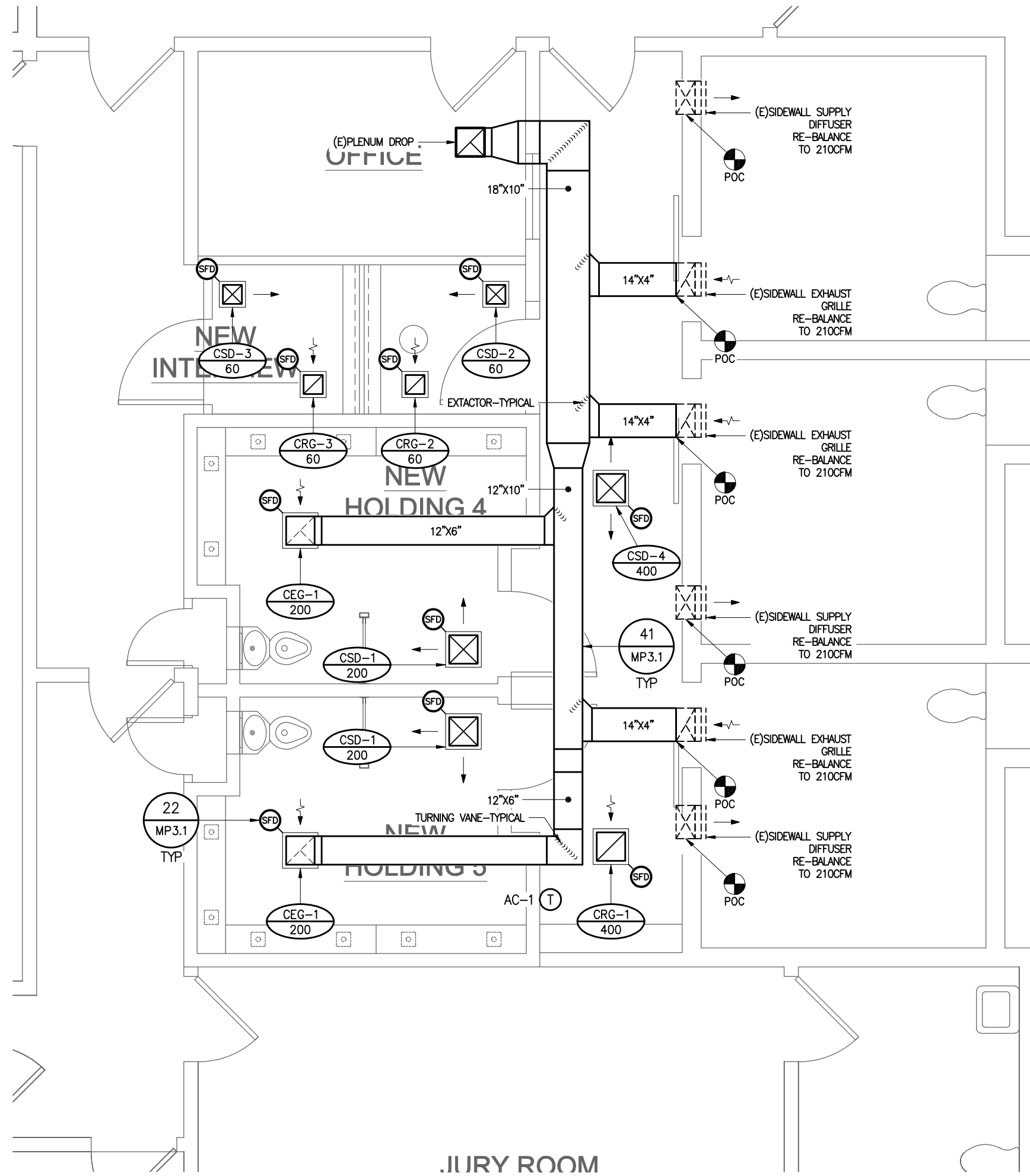
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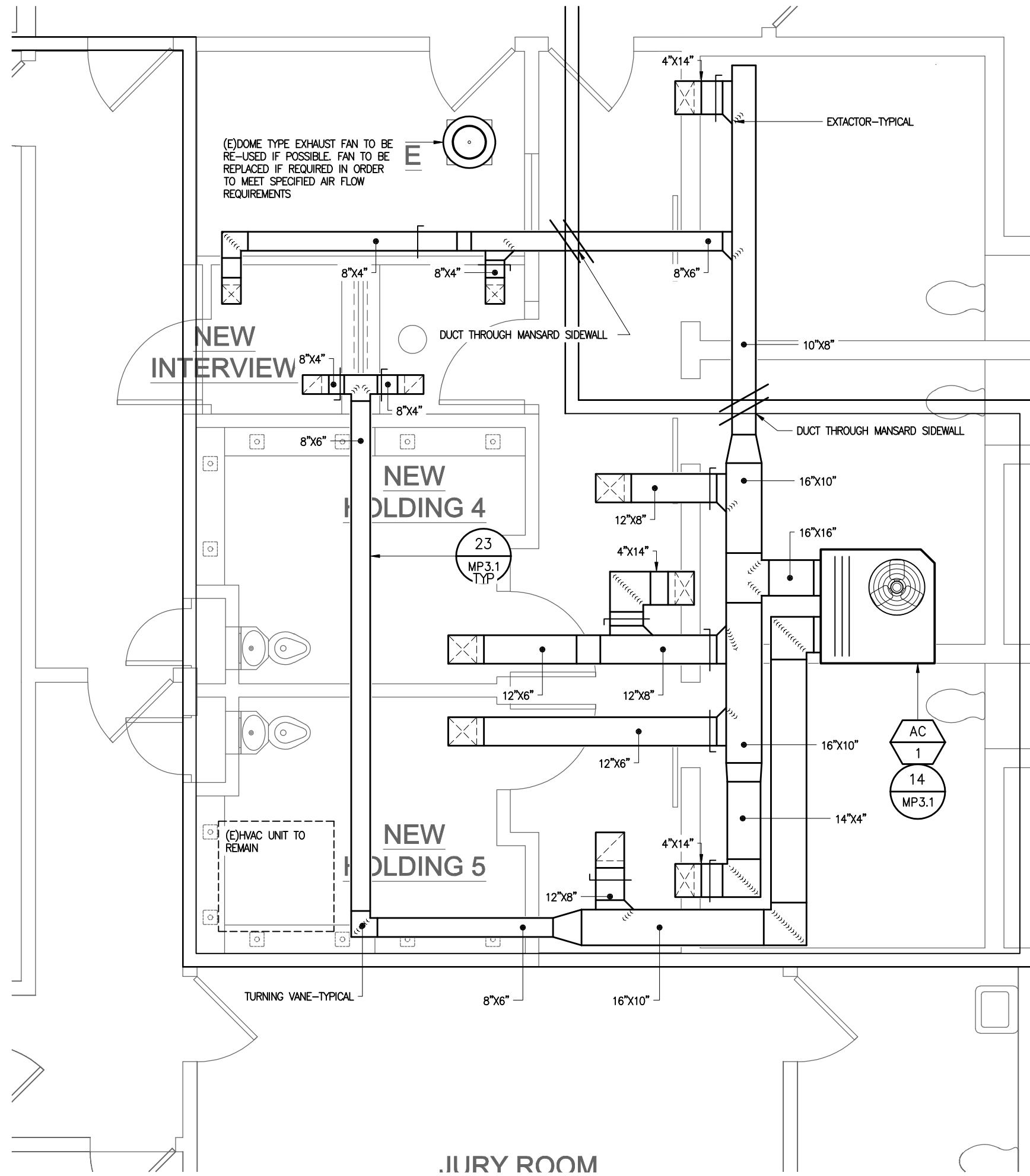
S.2



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



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

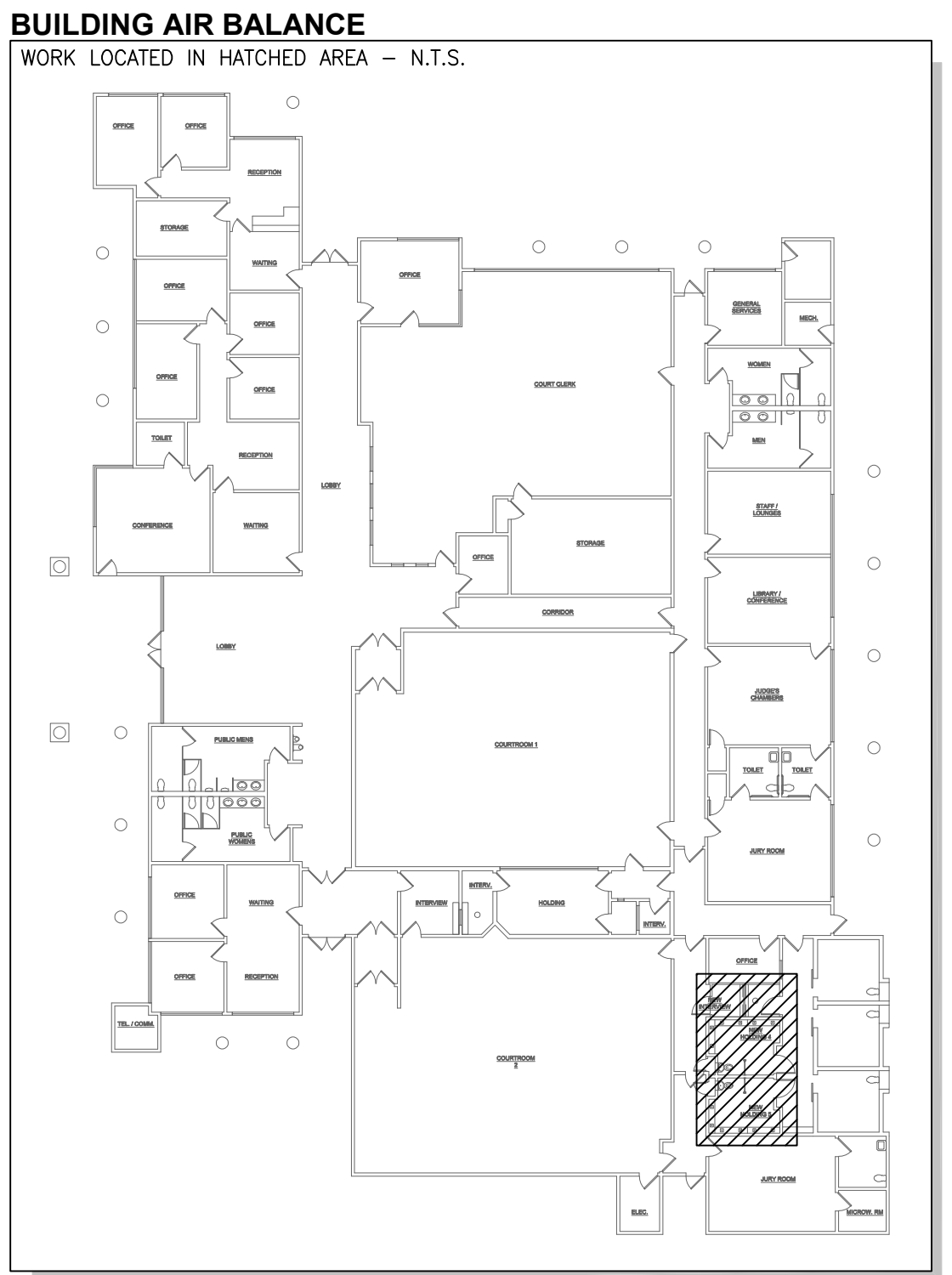


MECHANICAL - ROOF PLAN
1/4" = 1'-0"

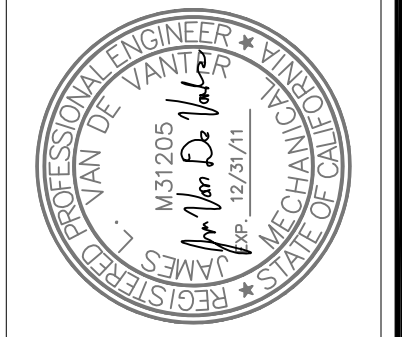
PLUMBING FIXTURE SCHEDULE								
SYMBOL	MAKE & MODEL	DESCRIPTION	ROUGH IN SIZES				FITTINGS OR ACC.	NOTES
			HW	CW	W	V		
WC-1	ACORN #1418-FA-CT-2-BP-4 STAINLESS STEEL	FLOOR MOUNTED, VANDAL/SUICIDE RESISTANT COMBINATION WATER CLOSET/LAVATORY	1/2"	1-1/4"	3"	2"	PUSH BUTTON FLUSH VALVE BY OTHERS, AIR-TROL HW & CW LAVATORY VALVE, & SHOKTROL WATER HAMMER ARRESTOR	ALL APPLY
FD-1	J.R. SMITH SERIES # 2005Y02-A05PB-U	5", CAST IRON FLOOR DRAIN WITH BRONZE STRAINER	-	1/2"	2"	1-1/2"	PROVIDE WITH "PRECISION PRODUCTS" PRIME-RITE TRAP PRIMER EXPOSED MOUNT IN PLUMBING CHASE	-
NOTES: 1. ALL FIXTURES DESIGNATED TO BE ACCESSIBLE TO INDIVIDUALS WITH DISABILITIES SHALL BE IN ACCORDANCE WITH THE "AMERICANS WITH DISABILITIES ACT OF 1990" FIXTURES AND THEIR INSTALLATION SHALL ALSO COMPLY WITH AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) PUBLICATION A117.1 - "PROVIDING ACCESSIBILITY AND USABILITY FOR PHYSICALLY HANDICAPPED PEOPLE" AND/OR GOVERNING CODE. 2. ALL PLUMBING FIXTURES, EQUIPMENT, TRIM, AND FITTINGS SHALL COMPLY WITH LOCAL, STATE, AND FEDERAL REGULATIONS AND CODES, INCLUDING BUT NOT LIMITED TO WATER AND ENERGY CONSERVATION CODES. THE SCHEDULED AND/OR SPECIFIED PLUMBING FIXTURES AND EQUIPMENT REPRESENT THE MINIMUM CRITERIA AND SHALL BE THE BASIS FOR THE CONTRACTORS BASE BID. IF THE SCHEDULED OR SPECIFIED FIXTURES OR EQUIPMENT DO NOT COMPLY WITH THE GOVERNING CODES OR REGULATIONS IN ALL RESPECTS, THE CONTRACTOR SHALL PROVIDE AN ALTERNATE BID FOR THE COMPLYING FIXTURES, EQUIPMENT, TRIM, OR FITTINGS. THE ABSENCE OF AN ALTERNATE BID SHALL BE CONSTRUED TO MEAN THAT THE CONTRACTOR'S BID INCLUDES ALL COSTS NECESSARY TO MEET ALL REGULATIONS AND CODES. 3. MAXIMUM ALLOWABLE WATER USAGE: WC = 1.6 GPF LAV = 0.5 GPM URN = 1.0 GPF SK = 0.5 GPM								

AIR TERMINAL SCHEDULE									
SYMBOL	MFG	MODEL	NECK SIZE	BORDER	CONST.	FINISH	OBD	NOTES	LEGEND
CSD-1	TITUS	SG-PR	12"x12"	BORDER TYPE 1	STEEL	SOFT WHITE	YES	2	MOUNTING LOCATION FUNCTION DEVICE
CSD-2	TITUS	SG-PR	8"x8"	BORDER TYPE 1	STEEL	SOFT WHITE	YES	2	C CEILING E EXHAUST D DIFFUSER
CSD-3	TITUS	MCD	8"x8"	BORDER TYPE 1	STEEL	SOFT WHITE	YES	2	D DUCT R RETURN G GRILLE
CSD-4	TITUS	MCD	12"x12"	BORDER TYPE 1	STEEL	SOFT WHITE	YES	2	Dr DOOR S SUPPLY R REGISTER
CRG-1	TITUS	350RL	12"x12"	BORDER TYPE 1	STEEL	SOFT WHITE	YES	1	W WALL I INTAKE L LOUVER
CRG-2	TITUS	SG-PR	8"x8"	BORDER TYPE 1	STEEL	SOFT WHITE	YES	1	F FLOOR V VENTILATION S SLOT
CRG-3	TITUS	301RS	8"x8"	BORDER TYPE 1	STEEL	SOFT WHITE	YES	1	EXAMPLE: CSD=CEILING SUPPLY DIFFUSER
CEG-1	TITUS	SG-PR	12"x12"	BORDER TYPE 1	STEEL	SOFT WHITE	YES	1	
NOTES: 1. PAINT GRILLE CANS FLAT BLACK INSIDE 2. MATCH DEFLECTIONS SEEN ON PLAN									

PACKAGED HVAC UNIT SCHEDULE																
SYMBOL	MFG	MODEL	COOLING CAPACITY (BTUH)	SEER	EER	POWER	MCA (AMPS)	MOCF (AMPS)	CFM	OAI CFM	E.S.P. "W.C.	ID BLOWER MOTOR HP	GAS INPUT (BTUH)	HEATING EFFICIENCY (AFUE%)	WEIGHT (LBS)	NOTES
AC-1	YORK	DNZ060N065	57,500	13.0	10.9	208/230-1-60	42.7	60	1550	1030	0.6	1.0	108,000	80.0	680	ALL APPLY
NOTES: 1. PROVIDE MANUAL OUTSIDE AIR DAMPER 2. PROVIDE 2 STAGE COOLING 7 DAY AUTO CHANGEOVER THERMOSTAT (FAN TO RUN CONTINUOUSLY DURING OCCUPIED HOURS) MOUNT AT 48" A.F.F. 3. PROVIDE SPRING ISOLATED ROOF CURB BY "PRO VENT"																



- BUILDING AIR BALANCE**
WORK LOCATED IN HATCHED AREA - N.T.S.
- REFERENCE NOTES**
1. TIE INTO EXISTING 4" SEWER LATERAL OUTSIDE OF BUILDING. PROVIDE CLEANOUT TO GRADE ON NEW PIPING AHEAD OF POINT OF CONNECTION.
 2. 1-1/4" CW DOWN PLUMBING CHASE. PROVIDE FULL PORT BRASS SOV & WATER HAMMER ARRESTOR, 1" TO COMBINATION WATER CLOSET LAVATORY UNIT, & 1/2" TRAP PRIMER TO FLOOR DRAIN "P" TRAP WITH SHUTOFF VALVE AHEAD OF PRIMER VALVE & AN APPROVED AIR-GAP ON THE OUTLET SIDE OF THE TRAP PRIMER VALVE - TYPICAL
 3. 1/2" HW DOWN PLUMBING CHASE TO LAVATORY CONNECTION. PROVIDE FULL PORT BRASS SOV - TYPICAL
 4. 4" CLEANOUT ON EXPOSED WASTE PIPING
 5. 3/4" TYPE "L" COPPER CONDENSATE DRAIN PIPING FROM AC UNIT ON ROOF TO (E) LAVATORY TAILPIECE CONNECTION. SLOPE 1/8" PER FOOT TOWARD OUTLET ON ANY HORIZONTAL SECTION OF PIPING. PROVIDE MINIMUM 1" AIR GAP ABOVE P-TRAP WATER LEVEL. SEE DETAIL 11/MP3.1



PROJECT TITLE:
SHAFTER/WASCO SUPERIOR COURT
325 CENTRAL VALLEY HIGHWAY
SHAFTER, CA

CLIENT:
FRASER SEIPLE ARCHITECTS
1400 S. G STREET
SAN LUIS OBISPO, CA
(805) 544-6161

SHEET TITLE AND DESCRIPTION:
**MECHANICAL/PLUMBING
FLOOR & ROOF PLANS**

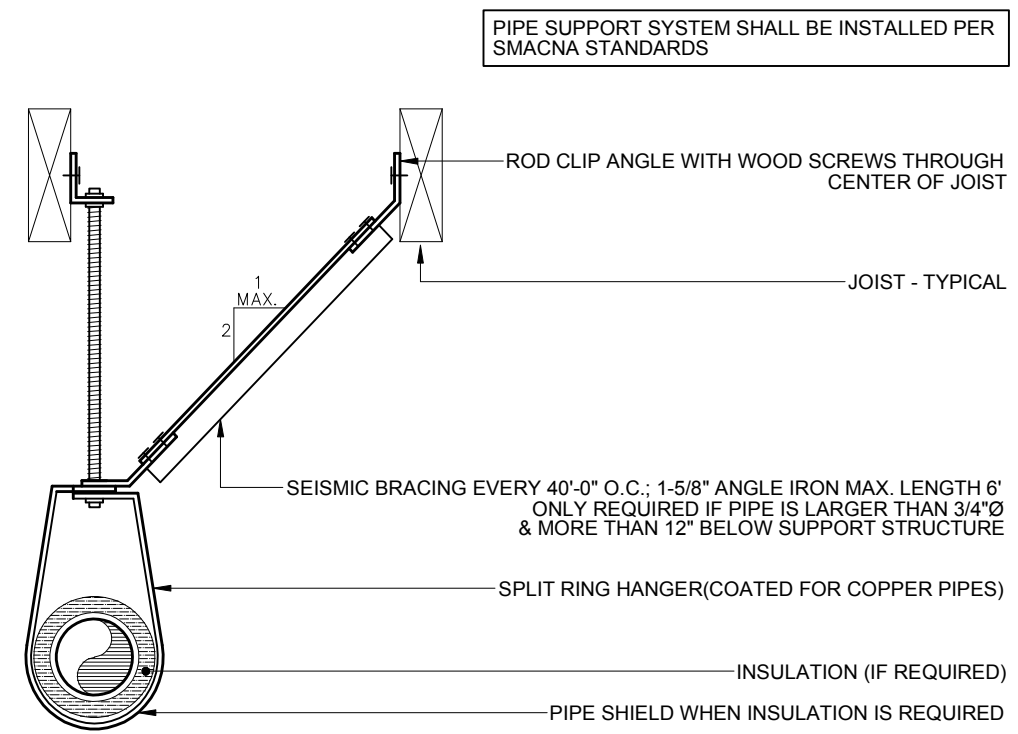
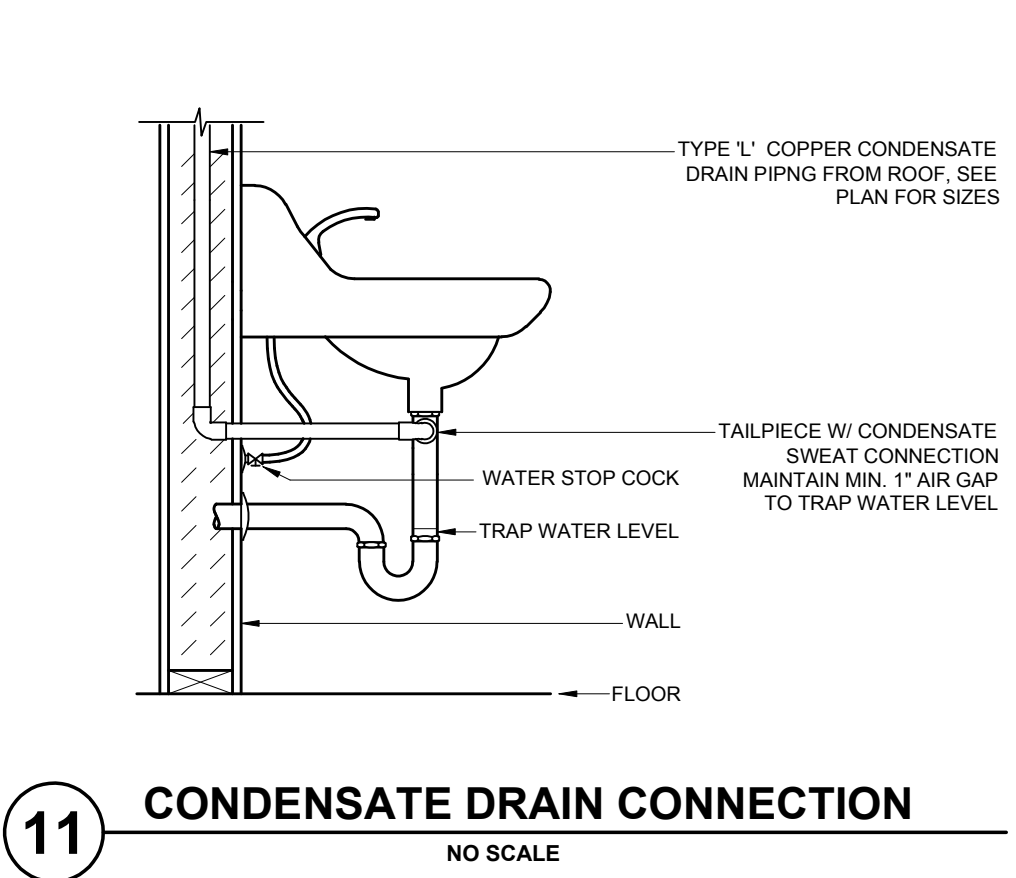
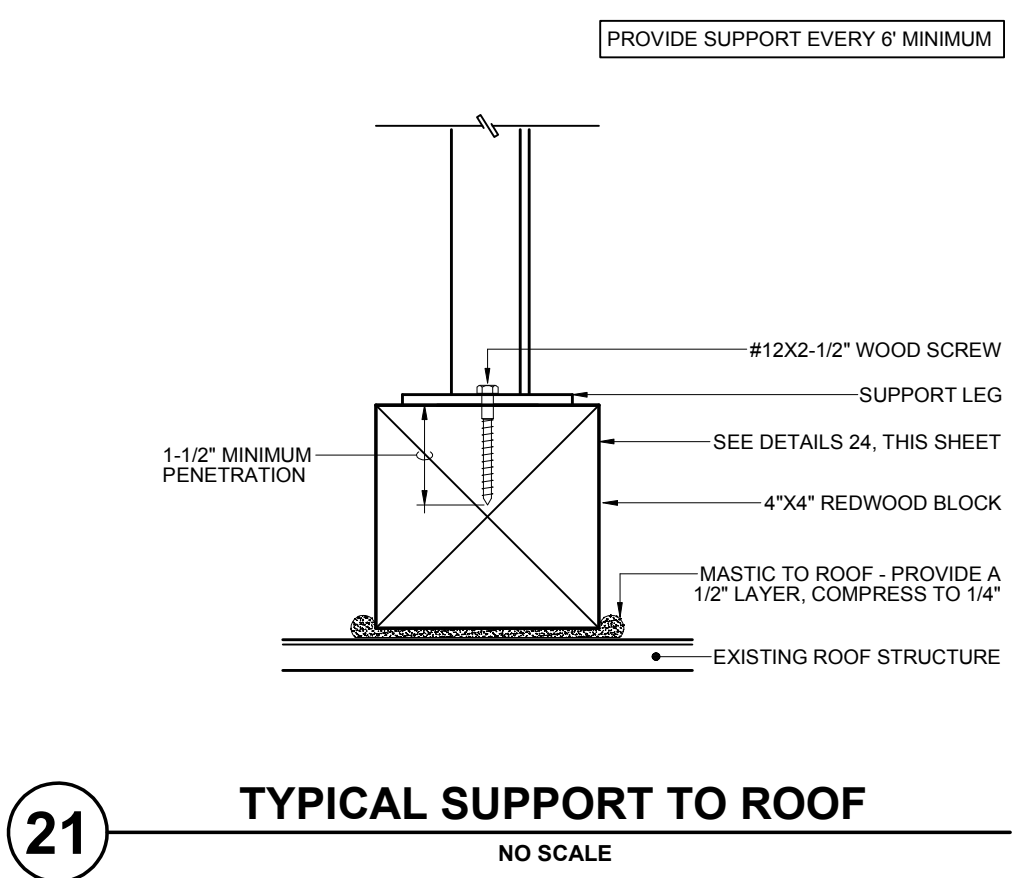
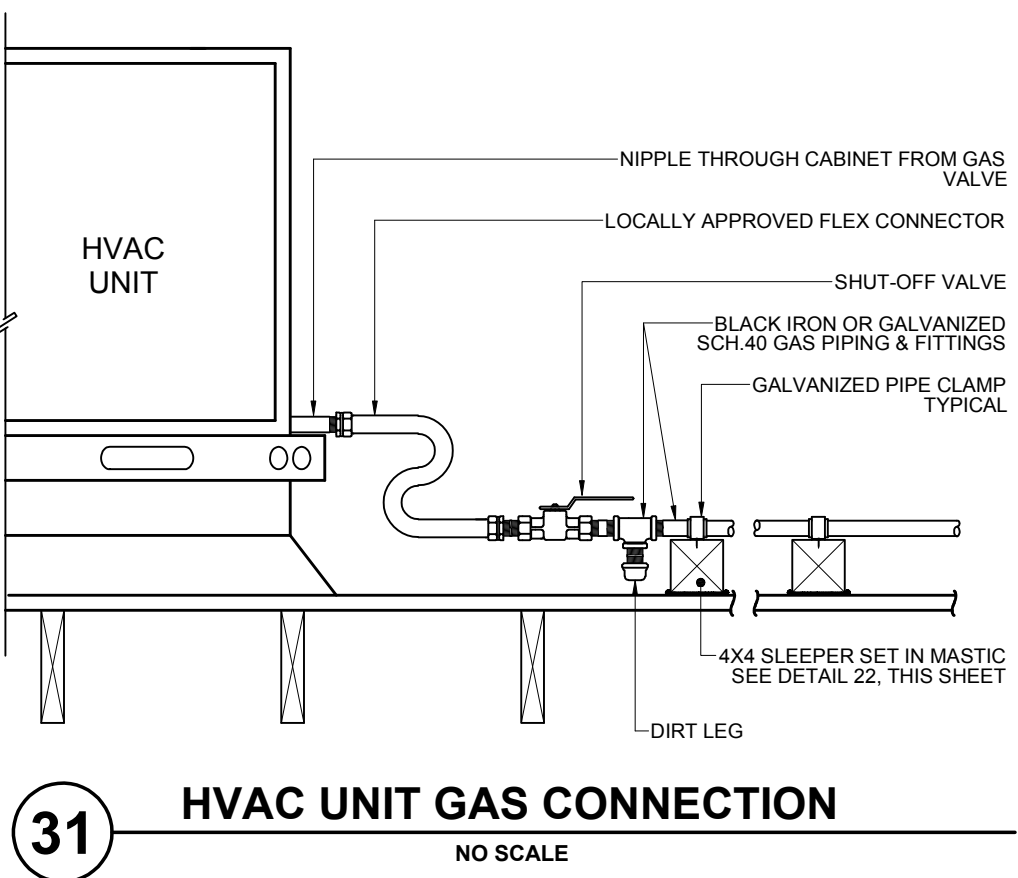
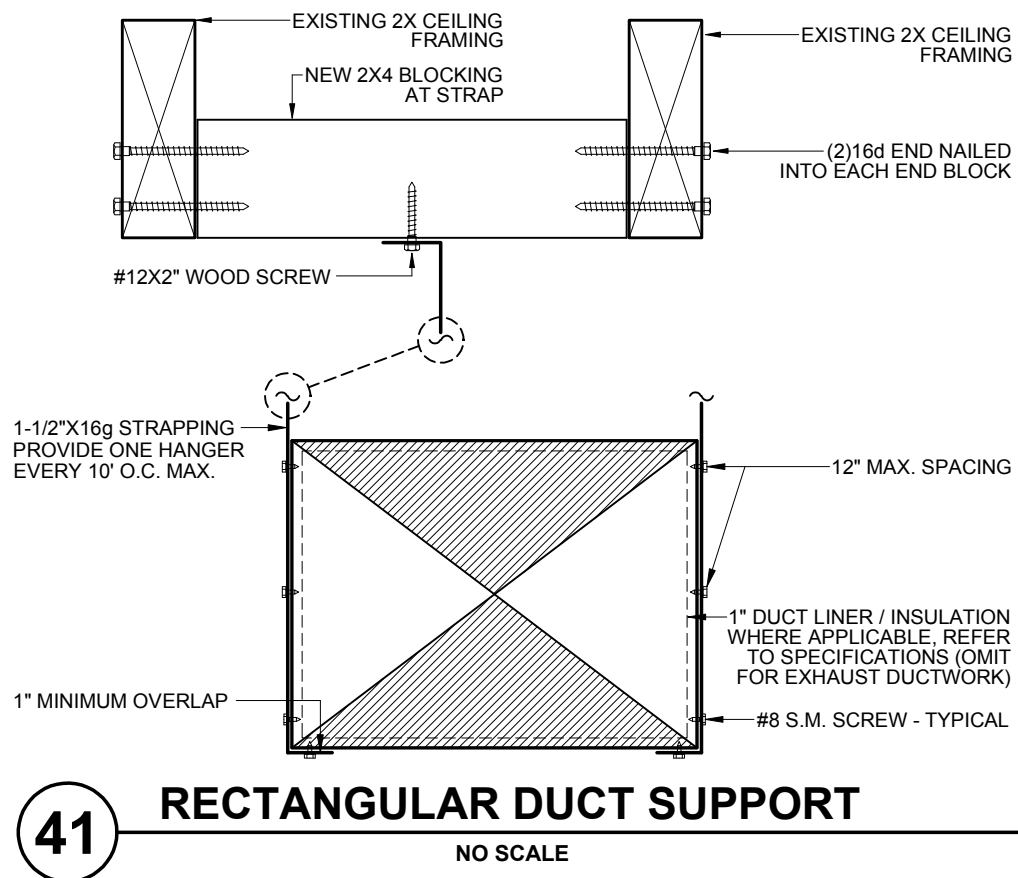
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09.10.10	100% SUBMITTAL
10.20.10	RE-SUBMITTAL
11.16.10	RE-SUBMITTAL
12.21.10	RE-SUBMITTAL

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12/21/2010 3:03 PM

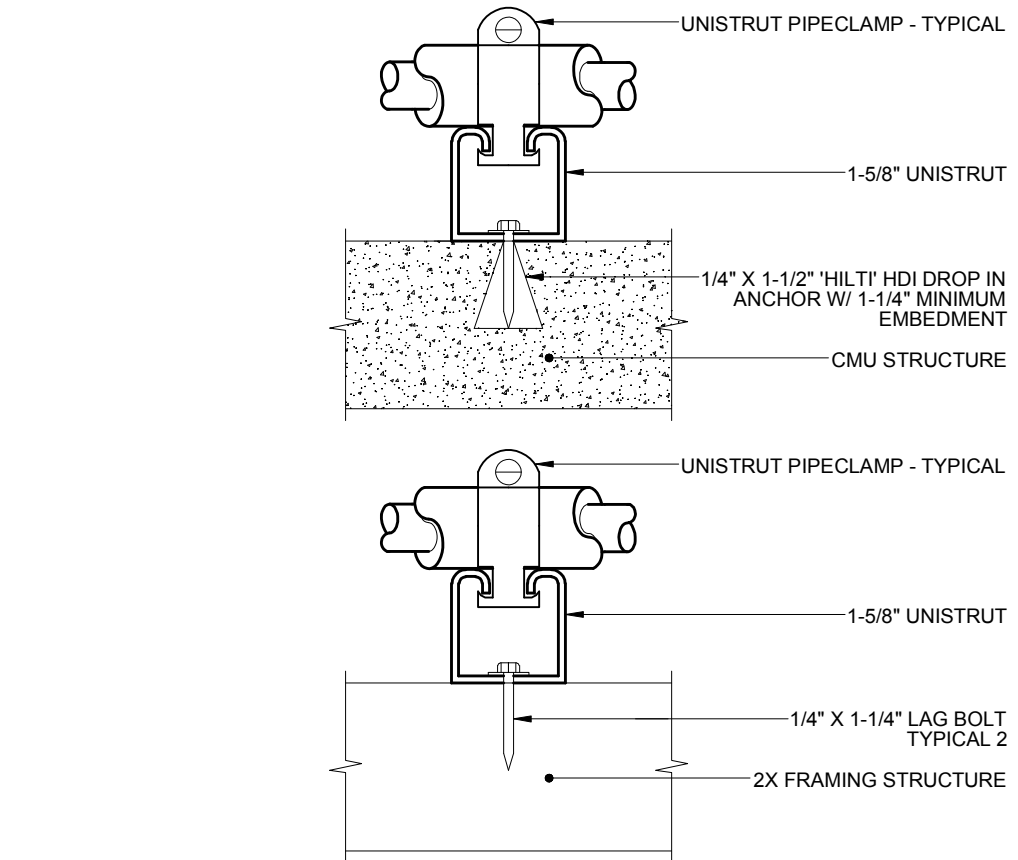
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TDR

JVA JOB #
M10044

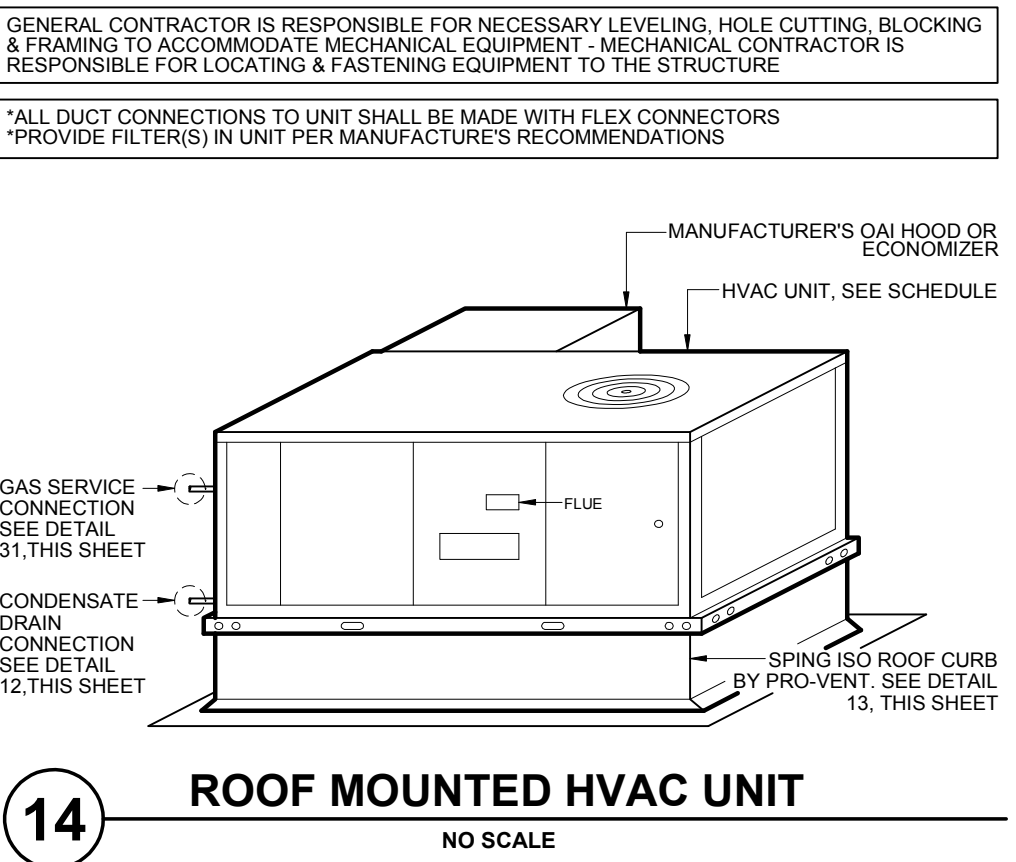
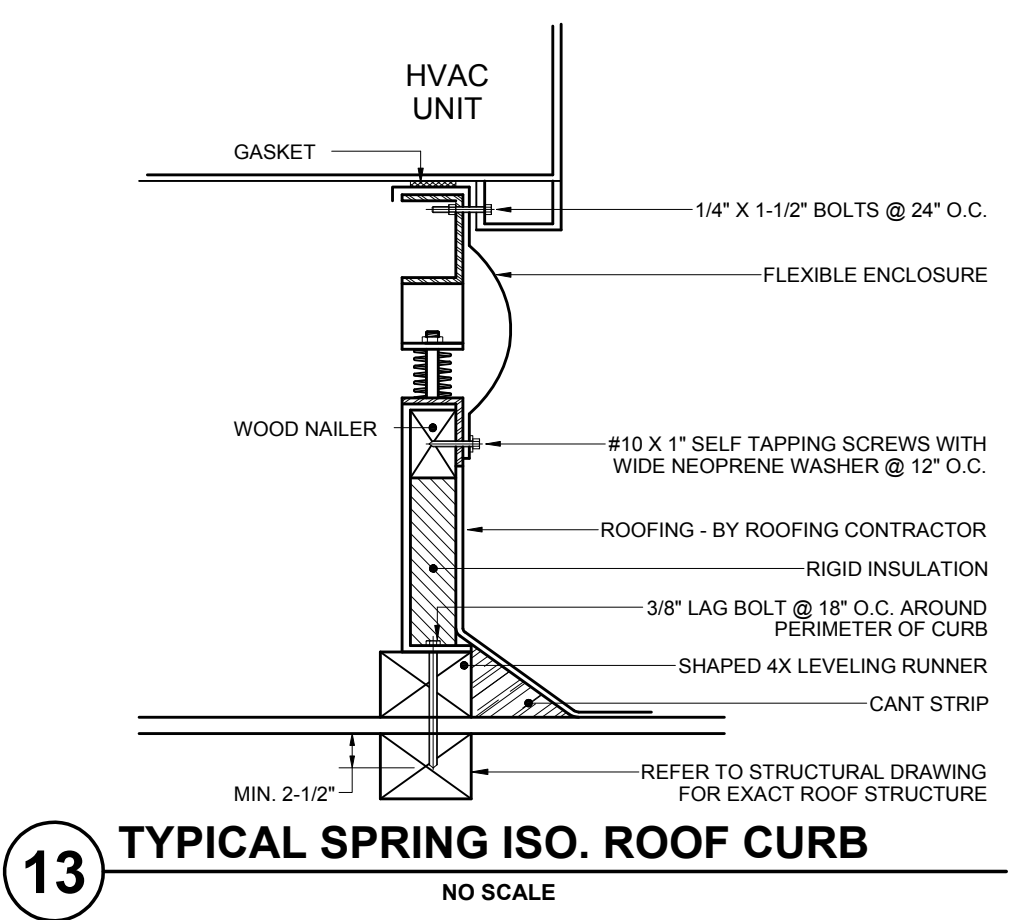
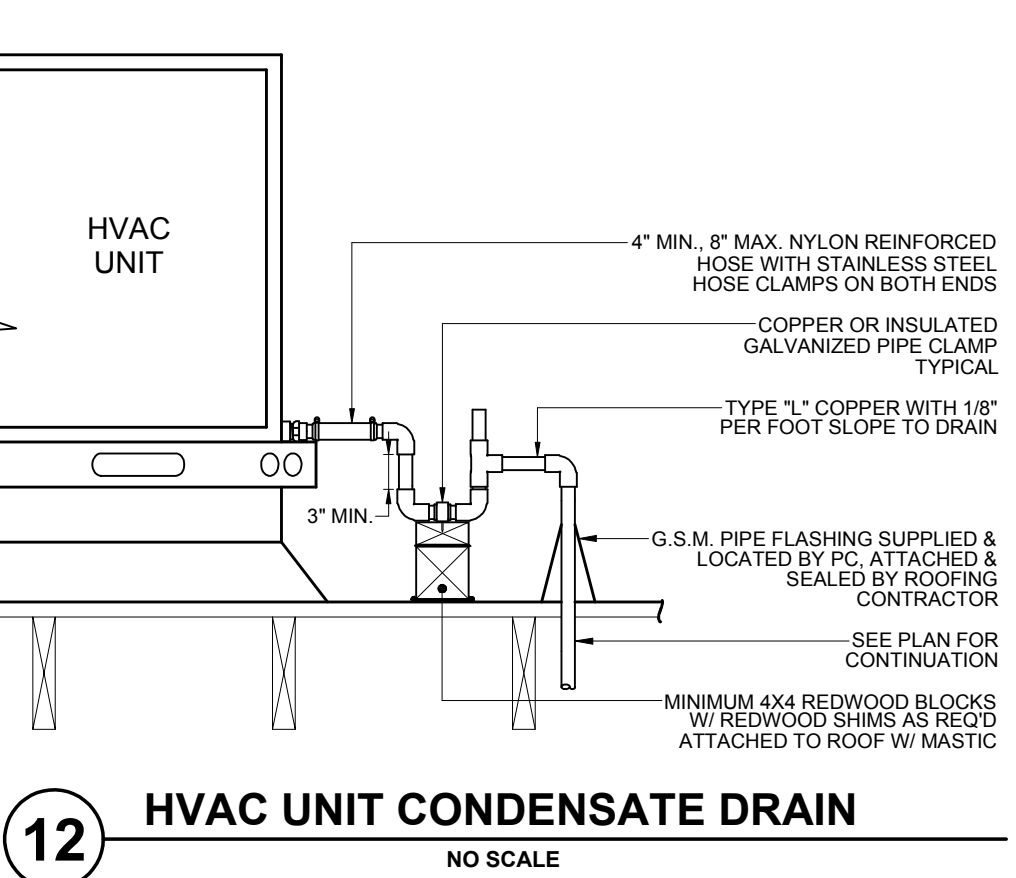
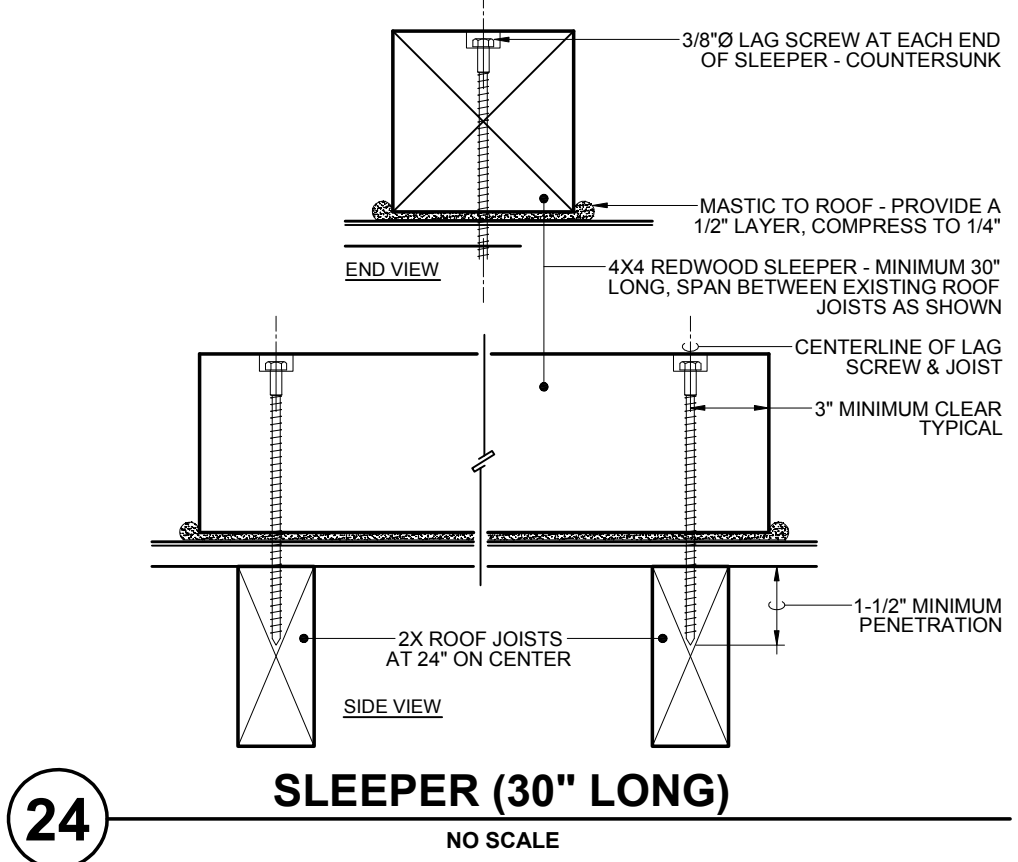
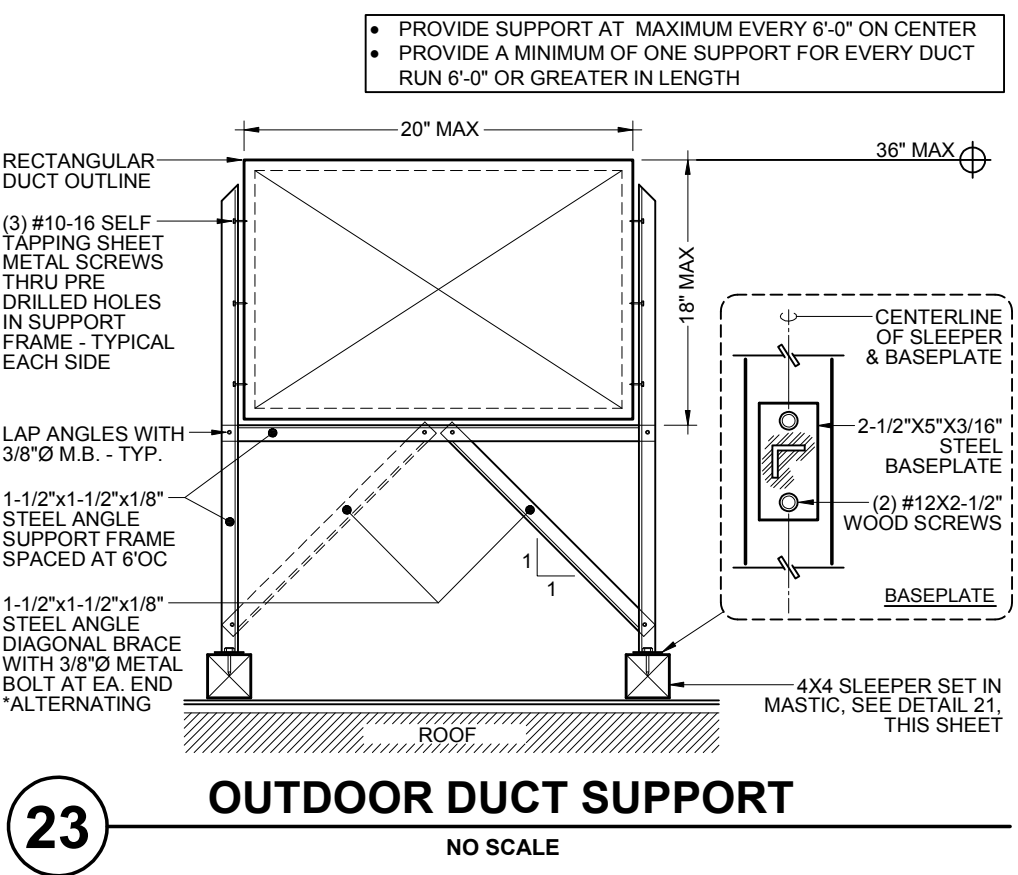
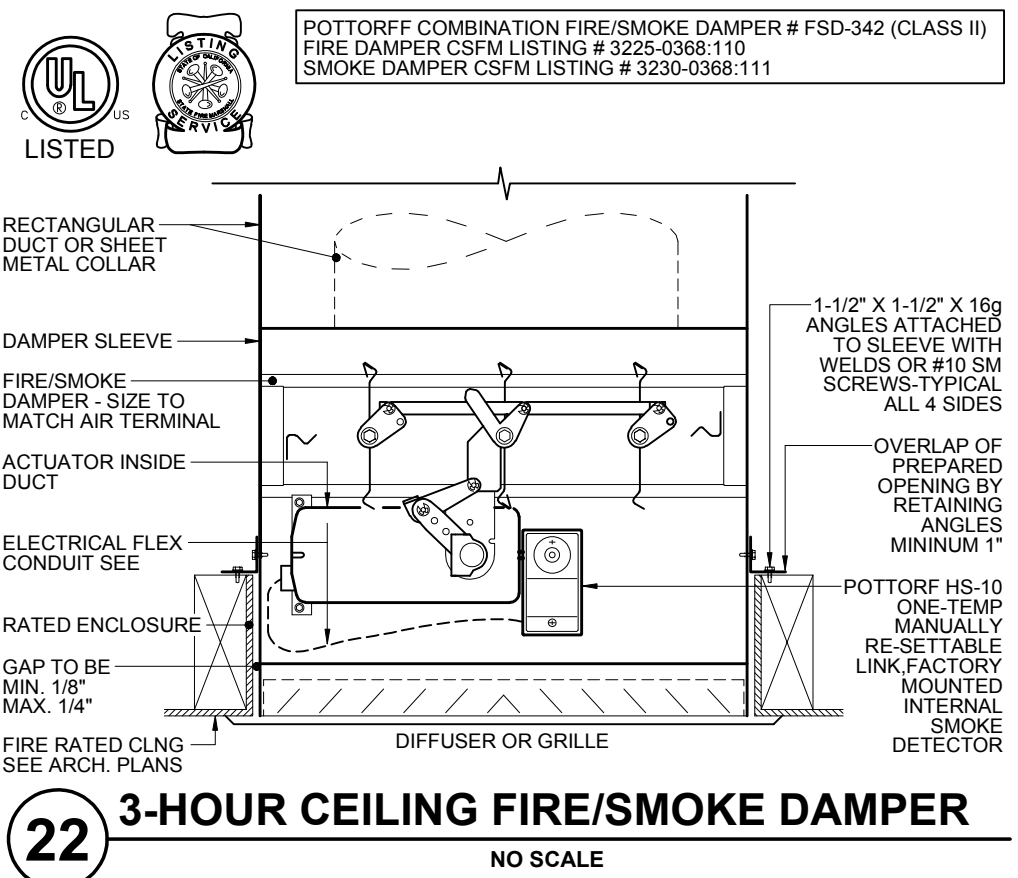
SHEET
MECHANICAL/PLUMBING
FLOOR PLANS
MP2.1



HANGER RODS - SIZE AND SPACING SCHEDULE						
MAXIMUM HANGER SPACING						
WATER AND WASTE						NATURAL GAS
PIPE SIZE	MIN. HANGER ROD SIZE	COPPER	STEEL SCH. 40	CAST IRON STD.	PLASTIC DWV/SCH. 40	SCH. 40
1/2"	1/4"	8 FT.	6 FT.	-	4 FT.	6 FT.
3/4"	1/4"	6 FT.	8 FT.	-	4 FT.	8 FT.
1"	1/4"	6 FT.	8 FT.	-	4 FT.	8 FT.
1-1/4"	3/8"	6 FT.	10 FT.	-	4 FT.	10 FT.
1-1/2"	3/8"	6 FT.	10 FT.	10 FT.	4 FT.	10 FT.
2"	3/8"	10 FT.	10 FT.	10 FT.	4 FT.	10 FT.
2-1/2"	1/2"	10 FT.	10 FT.	10 FT.	4 FT.	10 FT.
3"	1/2"	10 FT.	10 FT.	10 FT.	4 FT.	10 FT.
4"	1/2"	10 FT.	10 FT.	10 FT.	4 FT.	10 FT.

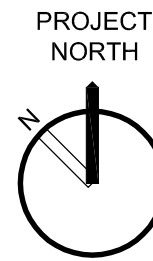
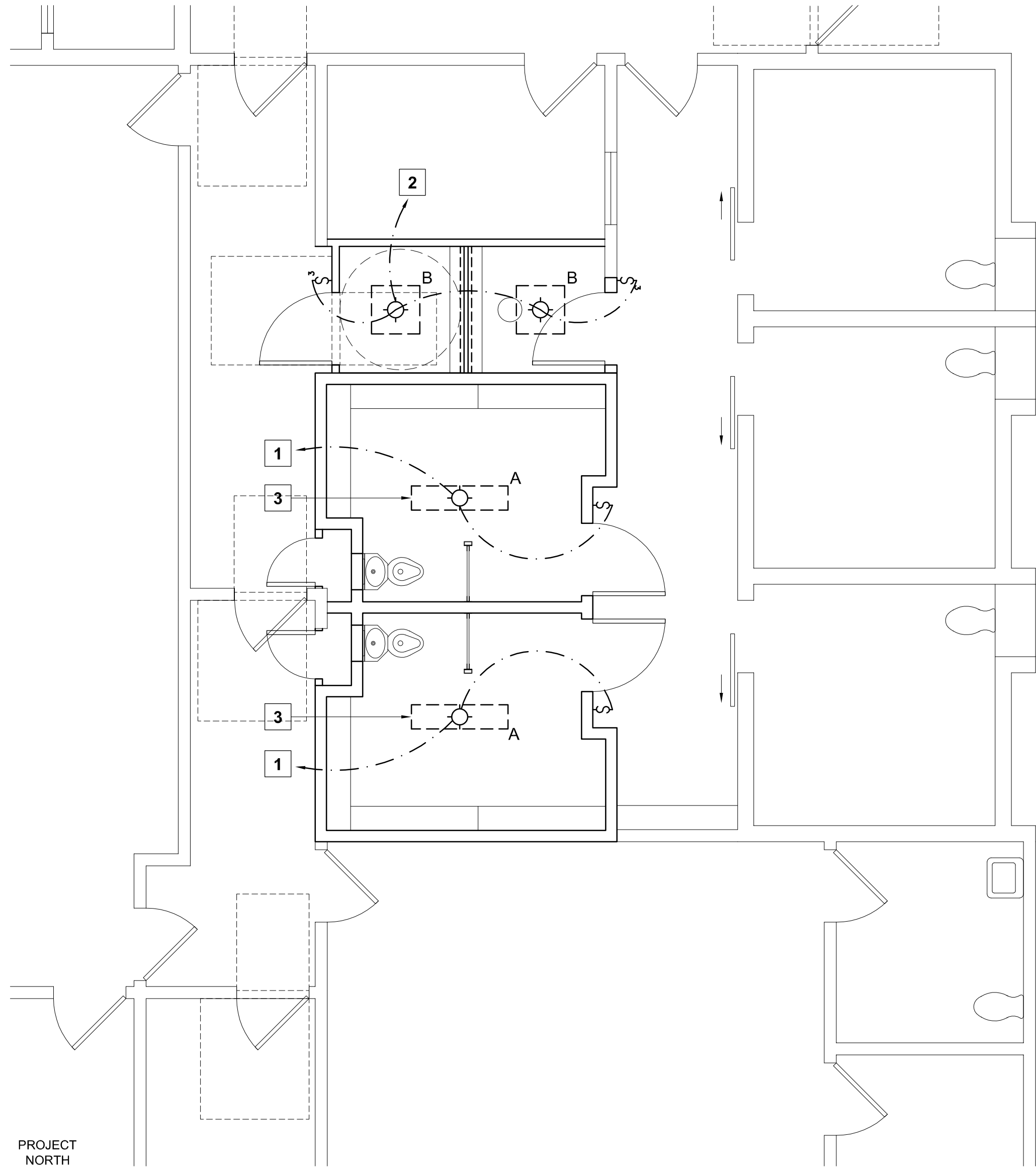


SIZE AND SPACING SCHEDULE				
MAXIMUM HANGER SPACING				
WATER, WASTE, AND VENT				NATURAL GAS
PIPE SIZE	COPPER	PLASTIC DWV/SCH. 40	SCH. 40 IRON	
1/2"	6 FT.	4 FT.	6 FT.	
3/4"	6 FT.	4 FT.	8 FT.	
1"	6 FT.	4 FT.	8 FT.	
1-1/4"	6 FT.	4 FT.	10 FT.	
1-1/2"	6 FT.	4 FT.	10 FT.	
2"	10 FT.	4 FT.	10 FT.	
2-1/2"	10 FT.	4 FT.	10 FT.	
3"	10 FT.	4 FT.	10 FT.	
4"	10 FT.	4 FT.	10 FT.	



DATE	REMARKS
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LIGHTING PLAN

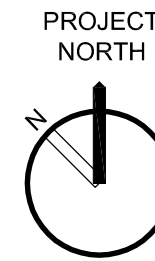
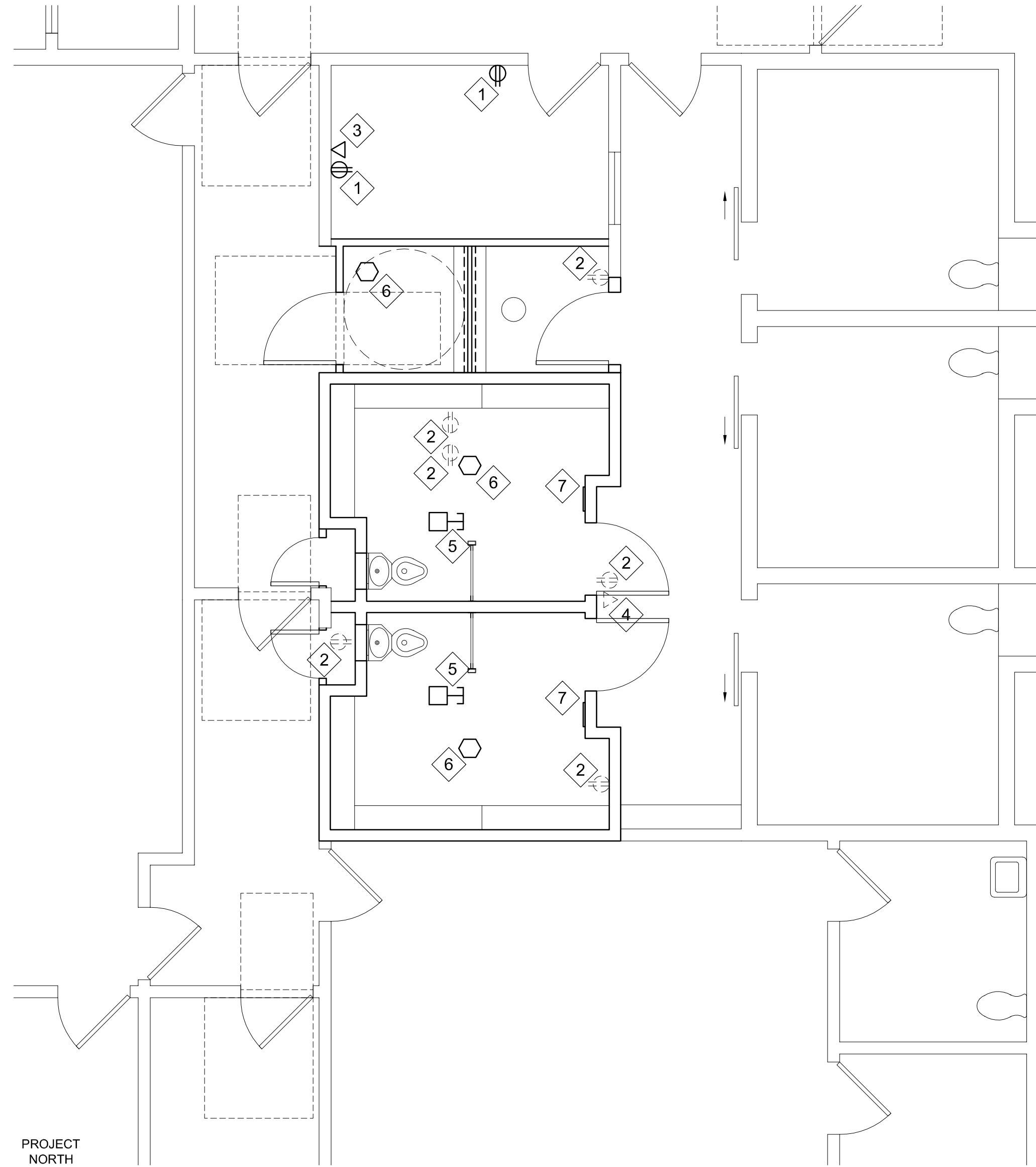
SCALE : 1/4" = 1'-0"

LIGHT FIXTURE SCHEDULE

TYPE	MFGR	CATALOG NO.	LAMP(S)	REMARKS
A	KENALL	SDSAT5	2 - 28W T5 fluor.	"Mighty Mac" ceiling surface linear correctional fixture, 16 GA housing, white finish, prismatic polycarbonate lens, Torx fasteners
B	LSI	60F2	2 - 40W blax. fluor.	Recessed security fixture, white trim, clear polycarbonate lens, Torx fasteners

LIGHTING KEYNOTES

- POWER FROM EXISTING CEILING LIGHTING CIRCUIT(S).
- POWER FROM NEW SPARE CIRCUIT ON PANEL.
- SEE DETAIL 54, SHEET A.4, FOR MOUNTING AND FIRESTOPPING.



POWER / SIGNAL PLAN

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

POWER, SIGNAL KEYNOTES

- EXISTING WALL POWER OUTLET TO REMAIN.
- EXISTING WALL POWER OUTLET, BOX, AND CONDUIT TO BE REMOVED.
- EXISTING WALL COMMUNICATIONS OUTLET TO REMAIN.
- EXISTING WALL COMMUNICATIONS OUTLET, BOX, CONDUIT TO BE REMOVED.
- NEW DUCT SMOKE DETECTOR, WIRED TO RELOCATED FIRE ALARM PANEL.
- NEW BOX AND MOUNTING PLATE FOR CCTV VIDEO CAMERA; PROVIDE CONDUIT AS REQUIRED FOR SYSTEM VENDOR TO CONNECT TO MONITORING STATION.
- AUDIO MONITORING MICROPHONE, RECESSED WALL-MOUNTED AT +90"; PROVIDE CONDUIT AND LOW VOLTAGE WIRING AS REQUIRED TO MONITORING STATION.

PROJECT

COUNTY OF KERN

SHAFTER - WASCO SUPERIOR COURT

325 Central Valley Hwy
SHAFTER, CALIFORNIA

CLIENT JOB # ARCHITECT JOB #
1003

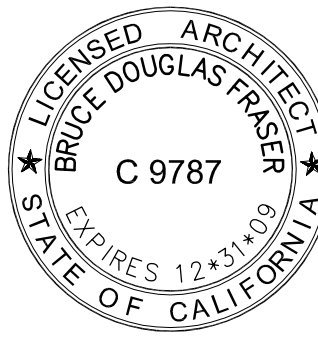
FRASER
SEIPLE
ARCHITECTS

PROJECT MANAGER BDF

DRAWN BY BS

DATES 07-07-10
09-10-10
10-18-10 PLAN CHECK 1
11-23-10 PLAN CHECK 2
12-30-10 PLAN CHECK 3

SIGNED



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SHEET TITLE

LIGHTING PLAN,
POWER / SIGNAL PLAN

SHEET #

E.1