

Addendum 002

San Ramon Fire Station 34 Remodel

Issued: November 9, 2021

This Addendum is issued before the award of contract to inform the bidders of revisions to the bidding documents. It shall be the responsibility of the general contractor to inform any affected sub-bidder of the content of this Addendum.

All requirements contained in the bidding documents shall apply to this Addendum, and the general character of the work called for in this addendum shall be the same as originally set forth in the applicable portions of the bidding documents for similar work, unless otherwise specified under this addendum, and all incidental work necessitated by this Addendum as required to complete the work shall be included in the bids, even though not particularly mentioned in this addendum.

This addendum is hereby made a part of the bidding documents and shall be signed and dated, submitted with bidder's proposal, and acknowledged as received on the General Contractor's 00 4000 Bid Form. Failure to do so may subject the Bidder to disqualification.

I. CHANGES TO THE SPECIFICATIONS

- a. Revise Specification section 12 20 00 Window Treatments
 - i. Revised 2.02 to show Basis of Design specification for vertical blinds instead of roller blinds.
 - b. Revise Specification section 08 36 13 Sectional Overhead Doors
 - i. Revised 1.8, A, to a one-year warranty.
 - ii. Revised 1.8, A, to a three-year warranty for powder coat finishes.
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II. CHANGES TO THE DRAWINGS

- a. Revise Drawing Sheet S1.5
 - i. Revised detail 14 New Hold Down at Existing Footing
- b. Revise Drawing Sheet S2.1
 - i. Revised foundation plan to show revised hold down size at column line 5 near column line D.5
- c. Revise Drawing Sheet S3.2
 - i. Revised elevation 1 to show added strap at gridline 5
- d. Addition of Drawing Sheet A1.1a
 - i. New drawing sheet showing temporary site plan for App Bay and Modular Living Quarters

- ii. Modular living quarters and App Bay are OFOI. Contractor shall be responsible for utility connections noted on drawing and all final connections to owner furnished items.
 - iii. Phasing of project shall include all temp utility work after Notice to Proceed, followed by a two week move in period followed by the balance of construction.
 - iv. At conclusion of new construction contractor shall remove all temporary utilities and return temp site to its original condition.
-

I. CLARIFICATION TO QUESTIONS

a. **Question:**

Does the existing building have a building management system (BMS)? Or is there a preferred controls contractor? Please advise.

Response:

The existing building is equipped with conventional controls only for HVAC equipment. Based upon this, it is our understanding that no BMS system exist at this facility.

b. **Question:**

Specs section 08 36 13, 1.8 warranty. Manufacturers standard warranty form is one year. Manufactures are not holding warranties for more than one year. Please confirm that the warranty & finish warranty can be for one year from substantial completion. Cannot meet special warranty.

Response:

The Basis-of-Design overhead door manufacturer's warranty is as follows:

- Seller warrants all parts and components of the product for a period of ONE (1) YEAR
- Seller warrants the OPTIONAL Powder Coat finish on the door sections against fading, cracking, blistering, flaking, or peeling for a period of THREE (3) YEARS.

A powder coat finish was specified for these doors, so the three-year finish warranty does apply. The specifications have been revised to reflect this change. See addenda item I. b.

c. **Question:**

The VRF Sequence of Operations on sheet M4.1 is super blurry and isn't legible. Can you please provide a clear copy?

Response:

The blurry area refers to a controller. An enlarged cut sheet of that controller is included in the attachments.

d. **Question:**

The window type "C" calls out as a Horizontal Slider. It is drawn with 3 equal panels which would not allow the sliding portions to slide without hitting in the middle half way open. If it is an XOX the center section should be double the

width of the sliders. It also looks like it may be 3 double hungs. Mullied together. Can you clarify what it needs to be. Window type "E" is too wide for a single framed window. Can it be 2 8' wide windows mullied together.?

Response:

The Window type "C" is o-x-o, therefore three equal sections should work. Window type "E" may be (2) 8' windows mullied together.

Mullions shown as a single line on sheet A6.3 window elevations are "between-the-glass" mullions (not single hung).

e. **Question:**

Do you know the manufacturer of the existing Fire Alarm System for the above mentioned project?

Response:

The existing Fire Alarm system is to be replaced with an all-new system per specification section 28 46 21, so the existing system manufacturer isn't pertinent. Follow specification section 28 46 21 for a code minimum required system only. The exception being any FA devices or controls that need to interface with the HVAC system, smoke duct detectors, fire smoke dampers etc, are still required to be part of the FA contractor's scope.

f. **Question:**

Regarding Section 084113 Aluminum Framed Entrances 2.02 A Calls out for a 2" x 6" framing. There are only 2 door frames. Can they be the standard 2" x 4 1/2" door frames.

Response:

Yes. Verify that this is compatible with all door hardware.

g. **Question:**

There are two CMU enclosures, both built at the same height with the same CMU pattern. The details call for Type 1 and Type 2 CMU but do not give an explanation as to what these materials actually are (color/texture). Please advise.

Response:

Per the FINISH SCHEDULE on sheet A6.1, CMU Type 1 is Basalite manufacturer, Precision texture, W11 color & CMU Type 2 is Basalite manufacturer, Split Face texture, 112D color.

h. **Question:**

There is no symbol for TV on legend on drawing E0.0. What type of cable is required for TV location?

Response:

Provide (1) RG6 and (1) CAT6E cable to each TV location. Refer to detail 3/E4.3 for additional requirements at day room TV.

i. **Question:**

Can you provide details for IDF buildout? What type of cabinet or rack is required? 4-post, 2-post or server cabinet?

Response:

Refer to Sheet 2/E2.1 for electrical requirements for electrical devices, conduits and accessories for the IDF room build out.

Replace OFOI in note 26 E2.1 with CFCI.

Provide (2) 4 post 42U rack with (2) 20A power strips each rack. Provide (2) 48 port rack mounted patch panels each rack.

Provide side mounted rack cable organizers. Provide cable waterfalls from ladder tray to racks.

j. **Question:**

Reference spec 271523, 2.3-A – Says to use Cat6 cable but on drawing E4.1, diagram 9 the schematic data system riser diagram is saying all data cable shall be Cat6E. Please confirm what type of cable is to be used for this project.

Response:

All references throughout project for CAT6 shall be CAT6E.

k. **Question:**

Reference drawing E0.0, Communication legend shows a combo voice/data jack (half shaded triangle) which I assume it should have (2) cables but on drawing E4.1, diagram 9-C, the schematic data system riser diagram says to provide and install maximum (3) data outlets per homerun. Please clarify how many cables we need to install to a half-shaded triangle.

Response:

Provide (2) CAT6E cables for each data location

l. **Question:**

How many cables does a wireless access point get and what type of cable does it get? Is the cabling contractor responsible for installing the WAP's

Response:

Provide (2) CAT6E cables for each WAP. Pathway and cable only. WAPs provided by FD IT.

m. **Question:**

Reference spec 271513, 2.4-H – Do we provide and install patch cables? If we do provide, do we provide (2) patch cables for every cable installed, one on

station side and one at IDF patch panel side? Please confirm quantity of patch cables.

Response:

Provide (2) patch cables for each data drop. Coordinate connection on patch panel side with FD IT.

n. **Clarification:**

Reference spec 28 47 00

The infrastructure for the station alerting system is to be installed as indicated on the plans as well as all the components noted. The contractor is also responsible for hiring a qualified installer per 28 47 00, 1.03, to install the system components. The USDD point of contact is:

Peter Donkin

US DIGITAL DESIGNS

stationalerting.com

pdonkin@usdd.com

Direct: 602-687-1759 | Mobile: 402-817-9850

I. ATTACHMENTS

- a. Revised specification sections 08 36 13 & 12 20 00
- b. Revised drawings S1.5, S2.1 & S3.2
- c. Enlarged VFR controls cut sheet as indicated on M4.1
- d. Additional Drawing Sheet A1.1a

END OF ADDENDUM 002

RECEIPT ACKNOWLEDGED BY:

NAME OF CONTRACTOR'S REPRESENTATIVE

NAME OF BIDDER

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE

DATE

SECTION 08 36 13
SECTIONAL OVERHEAD DOORS

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. Glazed Aluminum Sectional Overhead Doors
- B. Electric Operators and Controls.
- C. Operating Hardware, tracks, and support.

1.2 RELATED SECTIONS

- A. Section 033000 - Cast-In-Place Concrete: Prepared opening in concrete. Execution requirements for placement of anchors in concrete wall construction.
- B. Section 061000 - Wood Blocking and Curbing: Rough wood framing and blocking for door opening.
- C. Section 079200 - Joint Sealers: Perimeter sealant and backup materials.
- D. Section 260533 - Raceway and Boxes: Empty conduit from control station to door operator.
- E. Section 262726 - Wiring Devices: Electrical service to door operator.

1.3 REFERENCES

- A. [ANSI/DASMA 102](#) - American National Standard Specifications for Sectional Overhead Type Doors.

1.4 DESIGN / PERFORMANCE REQUIREMENTS

- A. Wiring Connections: Requirements for electrical characteristics.
 - 1. 115 volts, single phase, 60 Hz.
- B. Single-Source Responsibility: Provide doors, tracks, motors, and accessories from one manufacturer for each type of door. Provide secondary components from source acceptable to manufacturer of primary components.

1.5 SUBMITTALS

- A. Submit under provisions of Section 013000.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
- C. Sustainable Design Submittals:
 - 1. Recycled Content: Postconsumer recycled content plus one-half of preconsumer recycled content not less than (maximum available) percent.

- D. Shop Drawings: Indicate plans and elevations including opening dimensions and required tolerances, connection details, anchorage spacing, hardware locations, and installation details.
- E. Manufacturer's Certificates: Certify products meet or exceed specified requirements.
- F. Operation and Maintenance Data.

1.6 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with minimum five years documented experience.
- B. Installer Qualifications: Authorized representative of the manufacturer with minimum five years documented experience.
- C. Products Requiring Electrical Connection: Listed and classified by Underwriters Laboratories, Inc. acceptable to authority having jurisdiction as suitable for purpose specified.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened labeled packaging until ready for installation.
- B. Protect materials from exposure to moisture until ready for installation.
- C. Store materials in a dry, ventilated weathertight location.

1.8 WARRANTY

- A. ~~Special~~-Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of sectional doors that fail in materials or workmanship within specified warranty period.
 - 1. Warranty Period: ~~Five~~ **One** years from date of Substantial Completion.
- B. ~~Special~~-Finish Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components that show evidence of deterioration of factory-applied **powder coat** finishes within specified warranty period.
 - 1. Warranty Period: ~~40~~ **Three** years from date of Substantial Completion.

1.9 PROJECT CONDITIONS

- A. Pre-Installation Conference: Convene a pre-installation conference just prior to commencement of field operations, to establish procedures to maintain optimum working conditions and to coordinate this work with related and adjacent work.

PART 2 - GENERAL

2.1 MANUFACTURERS

- A. Basis of Design Manufacturer: Overhead Door Corp., (800) 275-3290. Phone: (469) 549-7100. Fax: (972) 906-1499. Web Site: www.overheaddoor.com. E-mail: sales@overheaddoor.com.
- B. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 GLAZED ALUMINUM SECTIONAL OVERHEAD DOORS

- A. Glazed Sectional Overhead Doors: 521 Series Aluminum Doors by Overhead Door Corporation. Units shall have the following characteristics:
1. Door Assembly: Stile and rail assembly secured with 1/4 inch diameter through rods.
 - a. Panel Thickness: 1-3/4 inches.
 - b. Center Stile Width: 2-11/16 inch.
 - c. End Stile Width: 3-5/16 inches.
 - d. Top Rail Width: 3-3/4 inches.
 - e. Bottom Rail Width: 4-1/2" inches
 - f. Stiles and Rails: 6063 - T6 aluminum.
 - g. Springs:
 - 1) 100,000 cycles.
 - h. Glazing:
 - 1) 1/8 inch (3 mm) Tempered glass.
 2. Finish and Color:
 - a. Powder Coating Finish: Custom Color as selected by Architect.
 3. Hardware: Galvanized steel hinges and fixtures. Ball bearing rollers with hardened steel races.
 4. Weatherstripping:
 - a. Flexible bulb-type strip at bottom section.
 - b. Flexible Jamb seals.
 - c. Flexible Header seal.
 5. Track: 3-inch wide.
 6. Electric Motor Operation: Provide UL listed electric operator, size and type as listed below to move door in either direction at not less than 2/3 foot nor more than 1 foot per second. Operator shall meet UL325/2010 requirements for continuous monitoring of safety devices.
 - a. Usage Classification: Heavy duty, 60 to 90 cycles per hour.
 - b. Mounting: Trolley Type (Drawbar).
 - c. Entrapment Protection: Required for momentary contact, includes radio control operation.
 - 1) Electric sensing edge monitored to meet UL 325/2010.
 - 2) Photoelectric sensors (Flush mounted in recessed boxes) monitored to meet UL 325/2010.
 - a) Provide additional set of sensors mounted to sense front and rear bumper of fire engines.
 - d. Operator Controls:
 - 1) Push-button operated control stations with open, close, and stop buttons.
 - 2) Flush mounting.
 - 3) Interior location.
 - e. Special Operation:
 - 1) Radio control operation.
 - a) Provide two sets of remotes for each door.
 - 2) Dry contacts to activate warning lights (addressed in Division 26) activated when closing.
 - f. Emergency Manual Operation: Push-up type.
 - 1) Push/Pull Handles: For push-up or emergency-operated doors, provide galvanized-steel lifting handles on interior side of door.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until openings have been properly prepared.

- B. Verify wall openings are ready to receive work and opening dimensions and tolerances are within specified limits.
- C. Verify electric power is available and of correct characteristics.
- D. If preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.3 INSTALLATION

- A. Install overhead doors and track in accordance with approved shop drawings and the manufacturer's printed instructions.
- B. Coordinate installation with adjacent work to ensure proper clearances and allow for maintenance.
- C. Anchor assembly to wall construction and building framing without distortion or stress.
- D. Securely brace door tracks suspended from structure. Secure tracks to structural members only.
- E. Fit and align door assembly including hardware.
- F. Coordinate installation of electrical service. Complete power and control wiring from disconnect to unit components.
 - 1. All wiring to run concealed in wall cavity.

3.4 CLEANING AND ADJUSTING

- A. Adjust door assembly to smooth operation and in full contact with weatherstripping.
- B. Clean doors, frames and glass.
- C. Remove temporary labels and visible markings.

3.5 PROTECTION

- A. Do not permit construction traffic through overhead door openings after adjustment and cleaning.
- B. Protect installed products until completion of project.
- C. Touch-up, damaged coatings and finishes and repair minor damage before Substantial Completion.

END OF SECTION

SECTION 122000
WINDOW TREATMENTS

PART 1 – GENERAL

1.01 SUBMITTALS

- A. In addition to manufacturer's product data and installation instructions, submit the following:
1. Samples of materials and finishes.
 2. Shop drawings for installations not fully detailed in product data.

1.02 QUALITY ASSURANCE

- A. Provide complete assemblies produced by one manufacturer for each type required including hardware, accessory items, mounting brackets, and fastenings.

PART 2 – PRODUCTS

2.01 BLACKOUT BLINDS

- A. Basis of Design, Subject to compliance with requirements: "Duette FR Honeycomb 3/4" Opaque Shades", by Hunter Douglas, or equal. Provide standard window shade unit complete with operating mechanisms, valance and accessories
1. Fabric shall be permanent, flame resistant, non-woven polyester formed into opaque 3/4" hexagonal honeycomb cells, in stacked tubular construction. Single cell construction with each cell an independent piece of fabric and containing a metalized polyester film core. Color shall be as selected by Architect. Finish to be duotone.

2.02 ~~ROLLER~~ VERTICAL BLINDS

- ~~A. Basis of Design Manufacturer and Products: Subject to compliance with requirements:
Draper Inc. Manually Operated Shades with Single Rollers~~
- ~~1. Chain and Clutch Operating Mechanisms: With continuous-loop bead chain and clutch that stops shade movement when bead chain is released; permanently adjusted and lubricated.~~
 - ~~2. Spring Lift Assist Mechanisms: Manufacturer's standard for balancing roller shade weight and lifting heavy roller shades.~~
 - ~~3. Rollers: Corrosion resistant steel or extruded aluminum tubes of diameters and wall thicknesses required to accommodate operating mechanisms and weights and widths of shadebands indicated without deflection. Provide with permanently lubricated drive-end assemblies and idle-end assemblies designed to facilitate removal of shadebands for service.~~
 - ~~4. Mounting Hardware: Brackets or endcaps, corrosion resistant and compatible with roller assembly, operating mechanism, installation accessories, and mounting location and conditions indicated.~~

- ~~5. Shade Material Flame Resistance Rating: Comply with NFPA 701. Testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.~~
- ~~6. Light Filtering Fabric: Woven fabric, stain and fade resistant.
 - ~~a. Source: Roller shade manufacturer.~~
 - ~~b. Roll Width: Custom, as indicated on Drawings, or if not indicated, coordinated to align with window mullions.~~
 - ~~c. Openness Factor: 3%~~
 - ~~d. Basis of Design Product: P hifer PW4400, or equal.~~~~

A. Basis-of-Design Product: Subject to compliance with requirements, provide LouverDrape "Zirlon" wheeled vertical blind system, or a comparable product. Standard vertical blind unit complete with track system, operating mechanisms, louver blades, valance and accessories, as follows:

1. Track system formed to accommodate indicated type of operating mechanism, with end caps, and as follows:
 - a. Standard Duty Type Track: Extruded aluminum channel with a min. width of 1-5/16 inch and a min. height of 1-7/16 inch.
2. Application: Tracks at head with rotating mechanisms in each coordinated.
3. Aluminum Track Finish: Clear anodized, AA C22A21 or AA M31A31 as standard with manufacturer.
4. Pivot Mechanism: Geared rotating mechanism providing full synchronous 360 degree rotation for each louver blade, operated as follows:
 - a. Bead chain operation.
5. Traversing Mechanism: Assembly of carriers and linkages designed to maintain positive even spacing of louver blades, cover operated and as follows:
 - a. Standard Duty Type Carriers: Carrier truck shall be made from Delrin, 5/16 inch wide, and shall traverse on Zirlon wheels. No glides or sliders are allowed.
6. Louver Blades: 3-1/2 inch, removable, attached to carriers with bracket, clip or hook as standard with manufacturer for type of blade and as follows:
 - a. Material and Shape: Extruded polyvinyl chloride, solid type, flat.
 - b. Color: Color shall be selected by Architect from manufacturer's standard colors.
 - c. Valance: Provide with valance as standard with the manufacturer, in color to match blades.
7. Installation brackets including mounting hardware as recommended by manufacturer for installation indicated.

2.03 FABRICATION

- A. Fabricate units to completely cover openings for wall mount installation. For continuous window wall installations, fabricate units so that ends occur only over mullions or other defined vertical separations, unless otherwise indicated. ~~Shadeband Fabrication: Fabricate shadebands without battens or seams.~~

PART 3 – EXECUTION

3.01 INSTALLATION

- A. Install units to comply with manufacturer's instructions for type of mountings and operations required. Position units plumb and true, securely anchored in place with recommended hardware and accessories to provide smooth, easy operation.

END OF SECTION

VRF Controls and Accessories

40VM900003 - Wired Remote Controller (Programmable)



Submittal Data

Job Data _____ Location _____
 Buyer _____ Buyer PO # _____ Carrier # _____
 Unit Number _____ Model Number _____
 Performance Data Certified By _____ Date _____

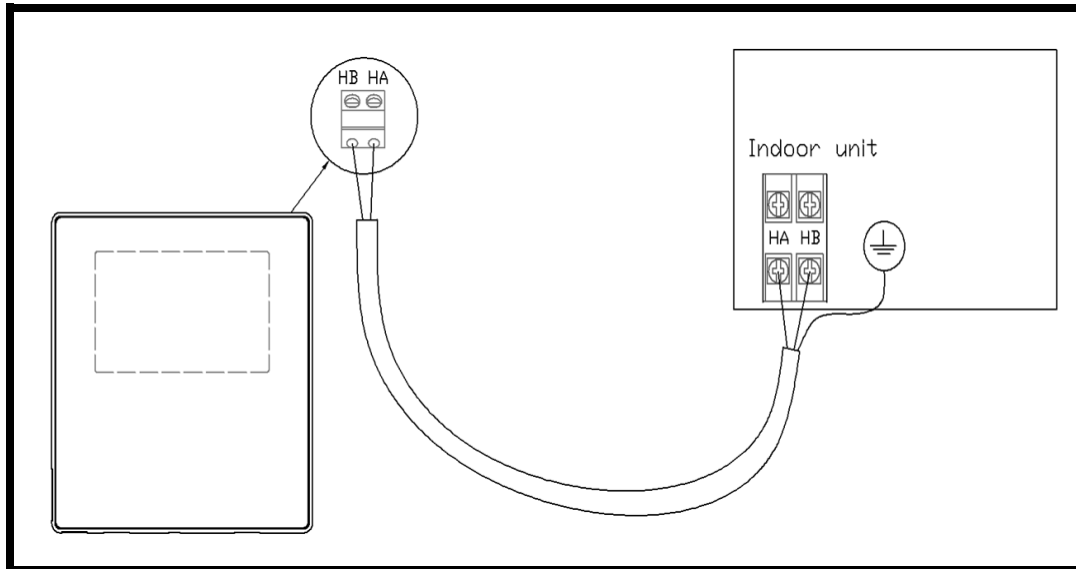


40VM900003 - Wired Remote Controller (Programmable)

Features

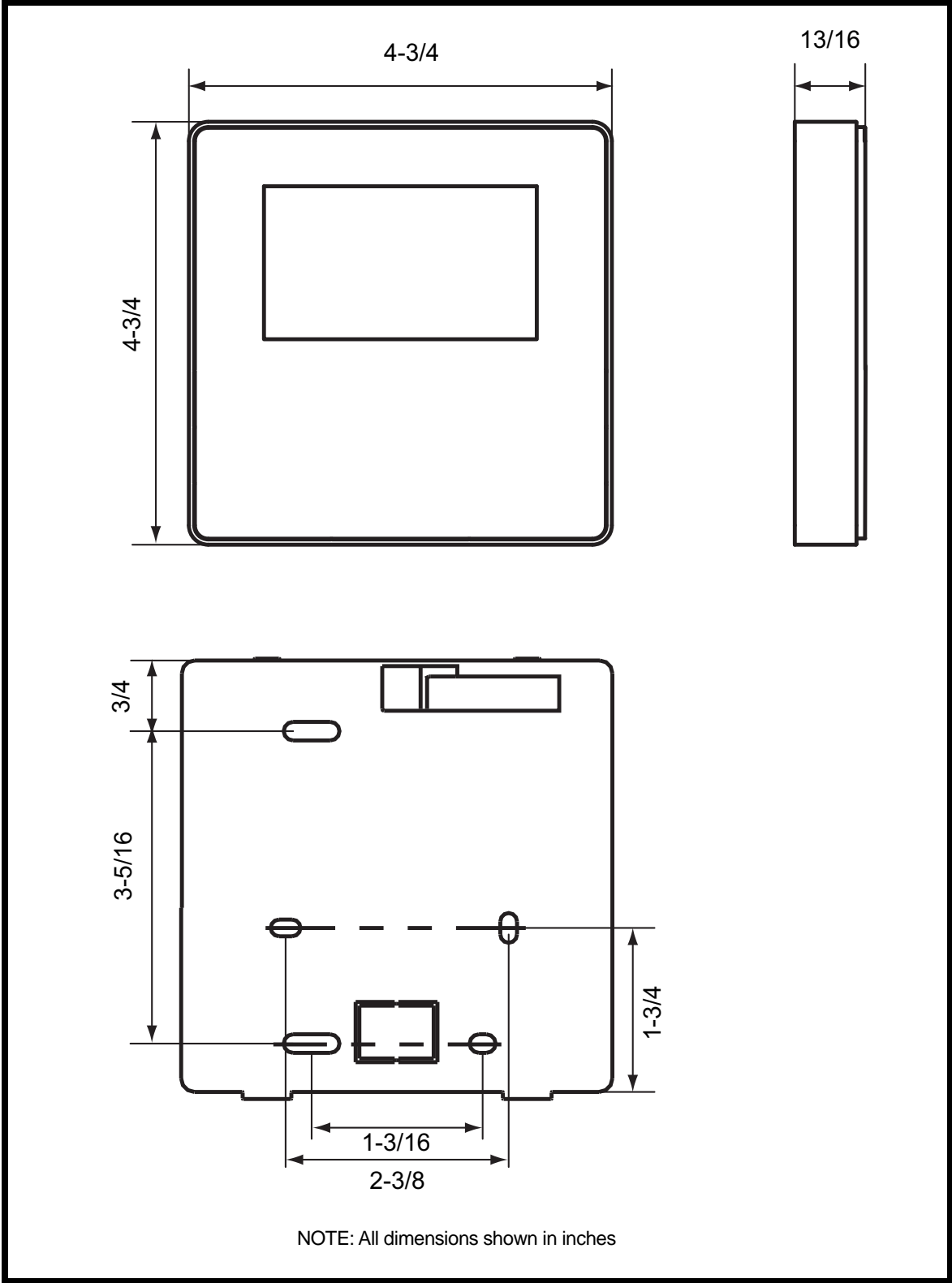
- Back lit easy to read
- ON/OFF
- Unit addressing capability
- Mode setting: cool, heat, dry, fan, and auto
- Room temperature display
- Fan speed setting
- Louver swing operation
- Weekly scheduling
- Temperature display in 1°F
- Set temperature range limiting (62°F to 88°F)
- Dual set-point control
- Error display
- Group Control (Max 16 IDU)
- Touch Buttons
- Clock

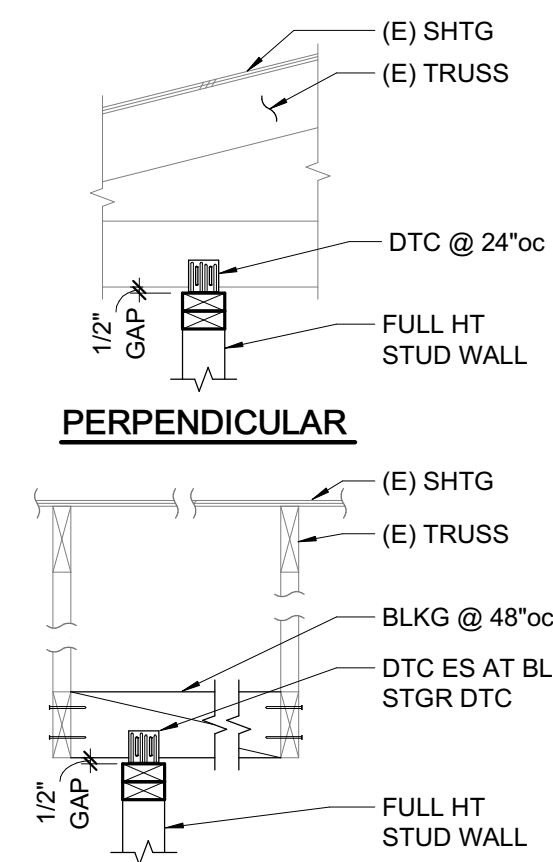
WIRING DIAGRAM



- Use wire size 20AWG to 16AWG stranded, shielded, 2-core.

**DIMENSIONAL DRAWING
40VM900003 WIRED REMOTE CONTROLLER (PROGRAMMABLE)**



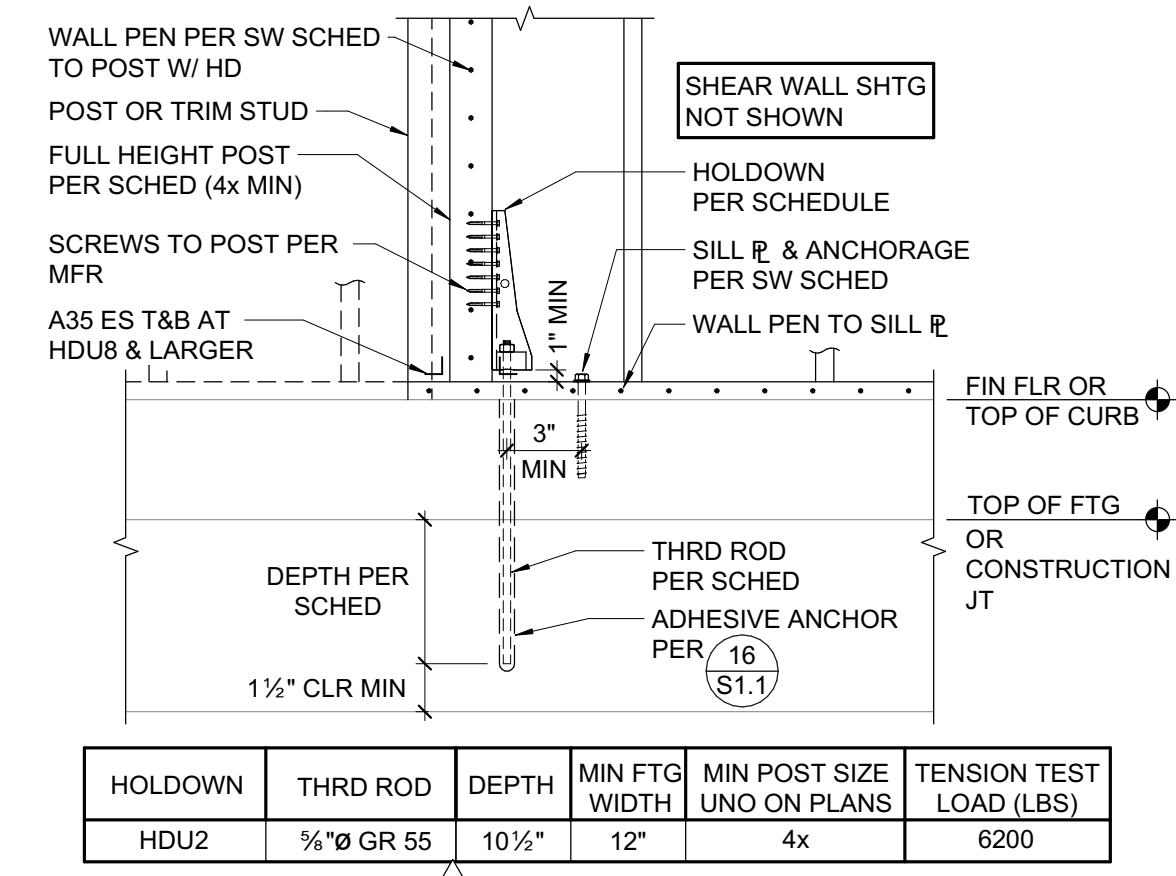


PERPENDICULAR

PARALLEL

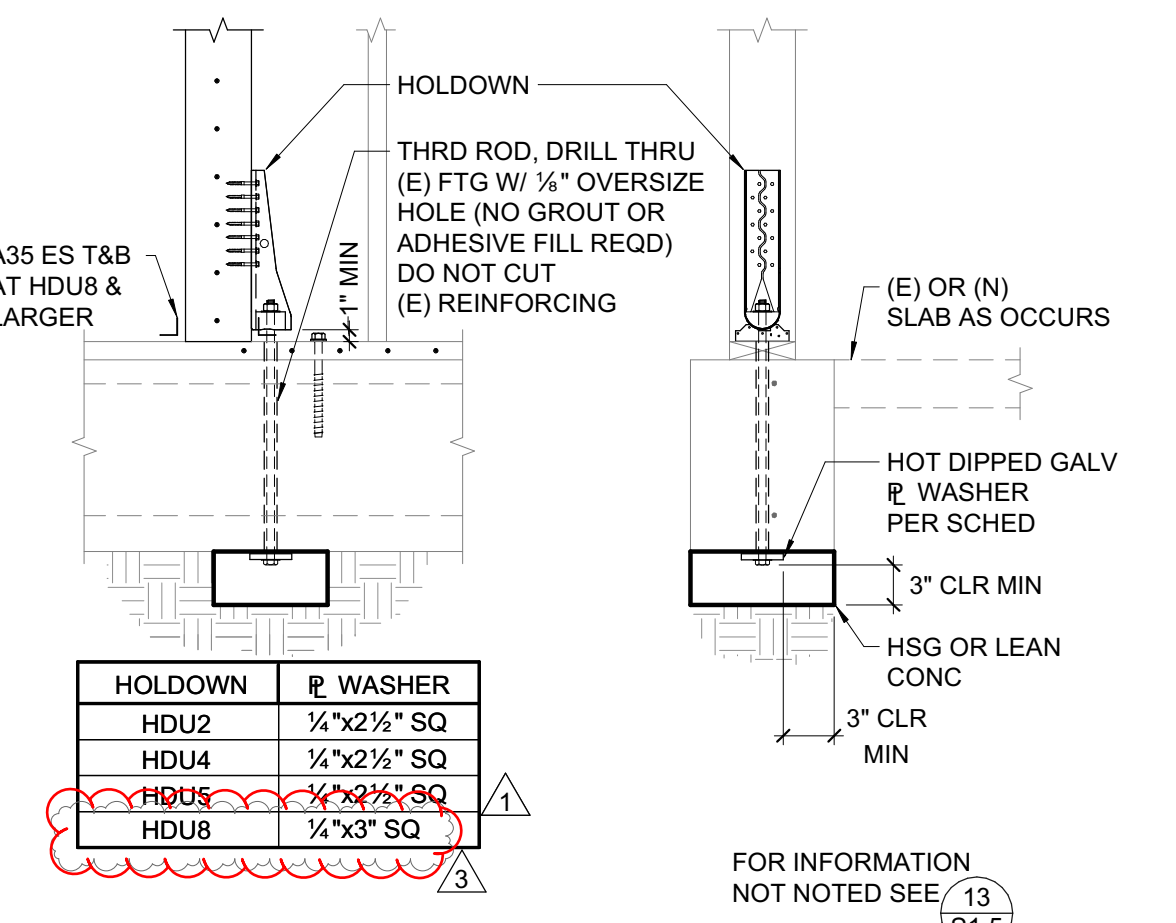
NOTE:
INSTALL SLOT NAILS AT @ OF SLOT
W/ 1/8" GAP BTWN NAIL HEAD & CLIP

12 TYPICAL NON-BEARING STUD WALL DETAILS
3/4" = 1'-0"



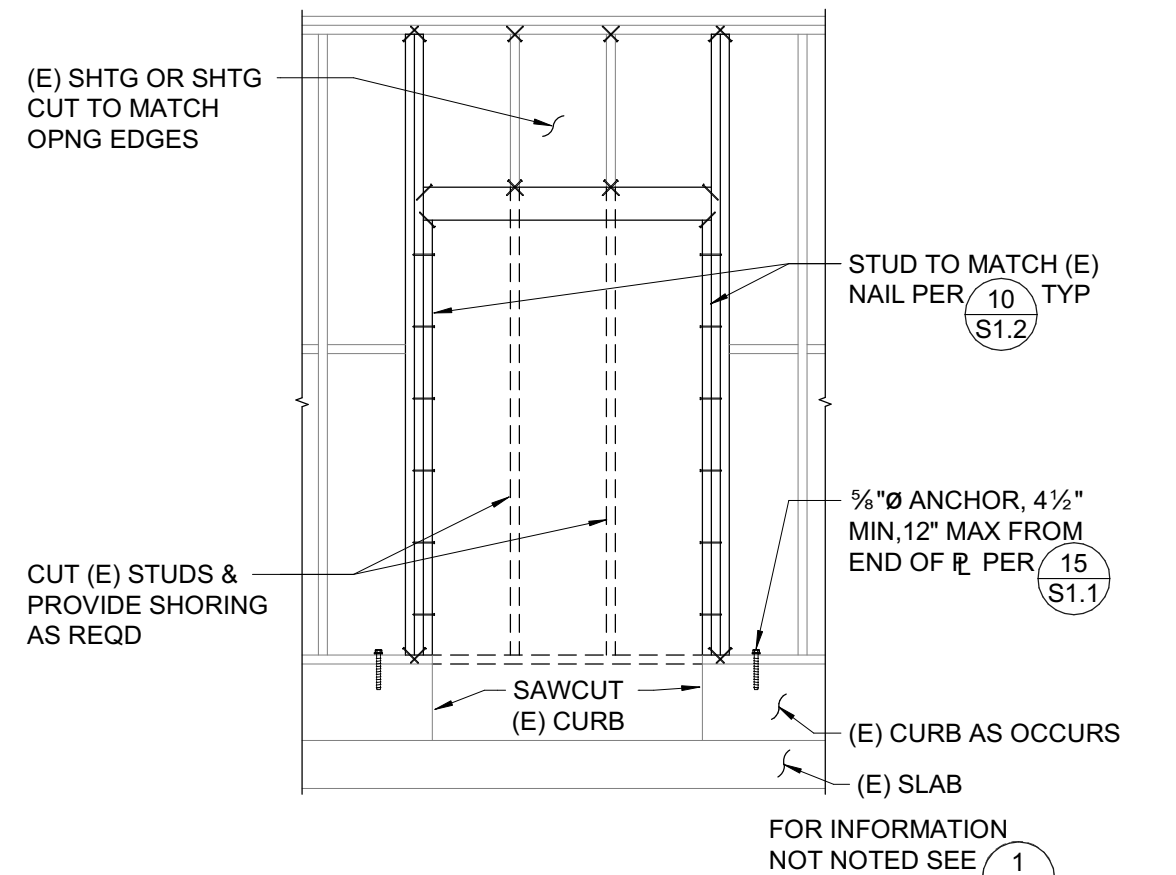
HOLDOWN	THRD ROD	DEPTH	MIN FTG WIDTH	MIN POST SIZE UNO ON PLANS	TENSION TEST LOAD (LBS)
HDU2	3/8" GR 55	10 1/2"	12"	4x	6200

13 TYPICAL HOLDOWN
3/4" = 1'-0"

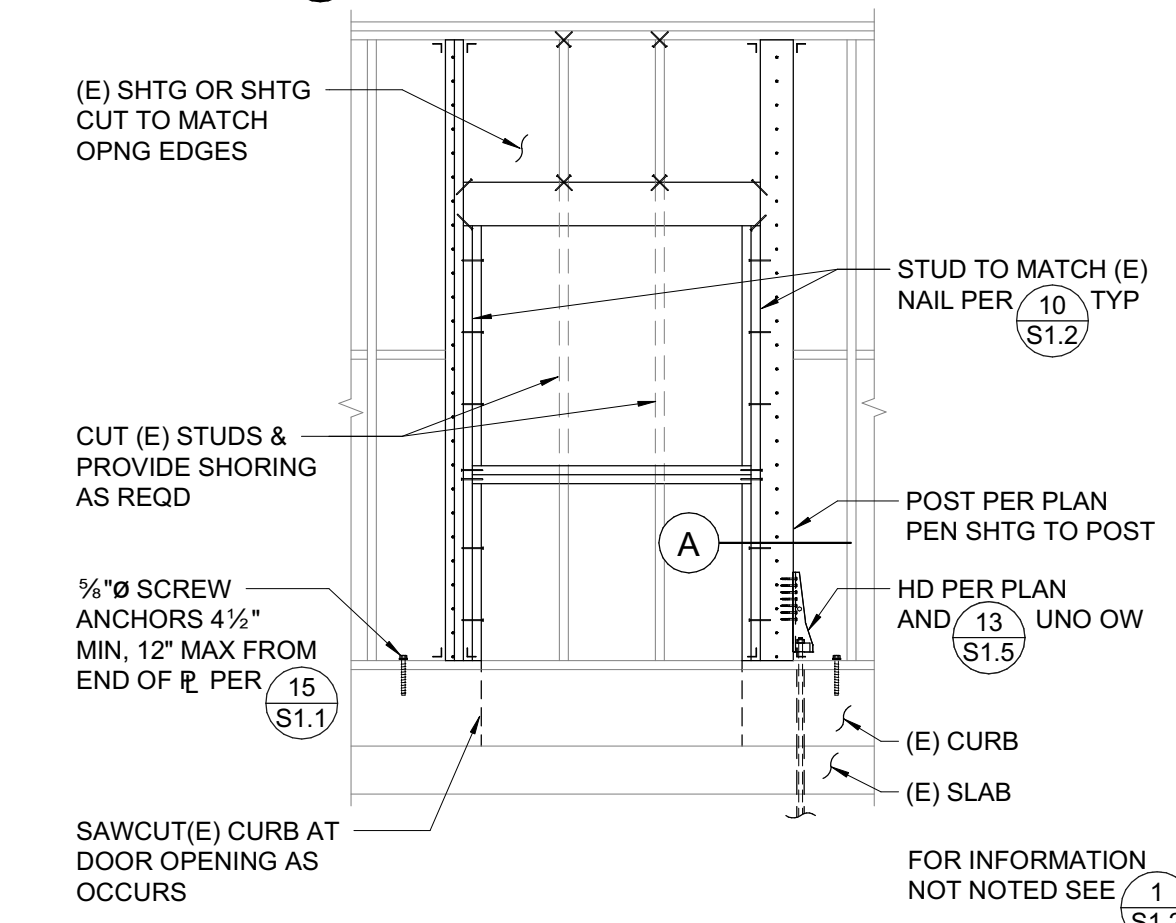
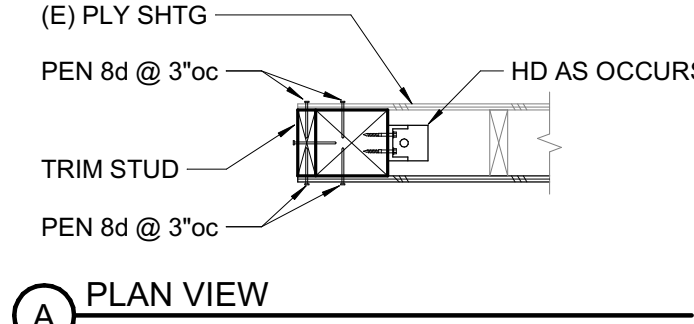


HOLDOWN	@ WASHER
HDU2	1/4" x 2 1/2" SQ
HDU4	1/4" x 2 1/2" SQ
HDU5	1/4" x 2 1/2" SQ
HDU8	1/4" x 3" SQ

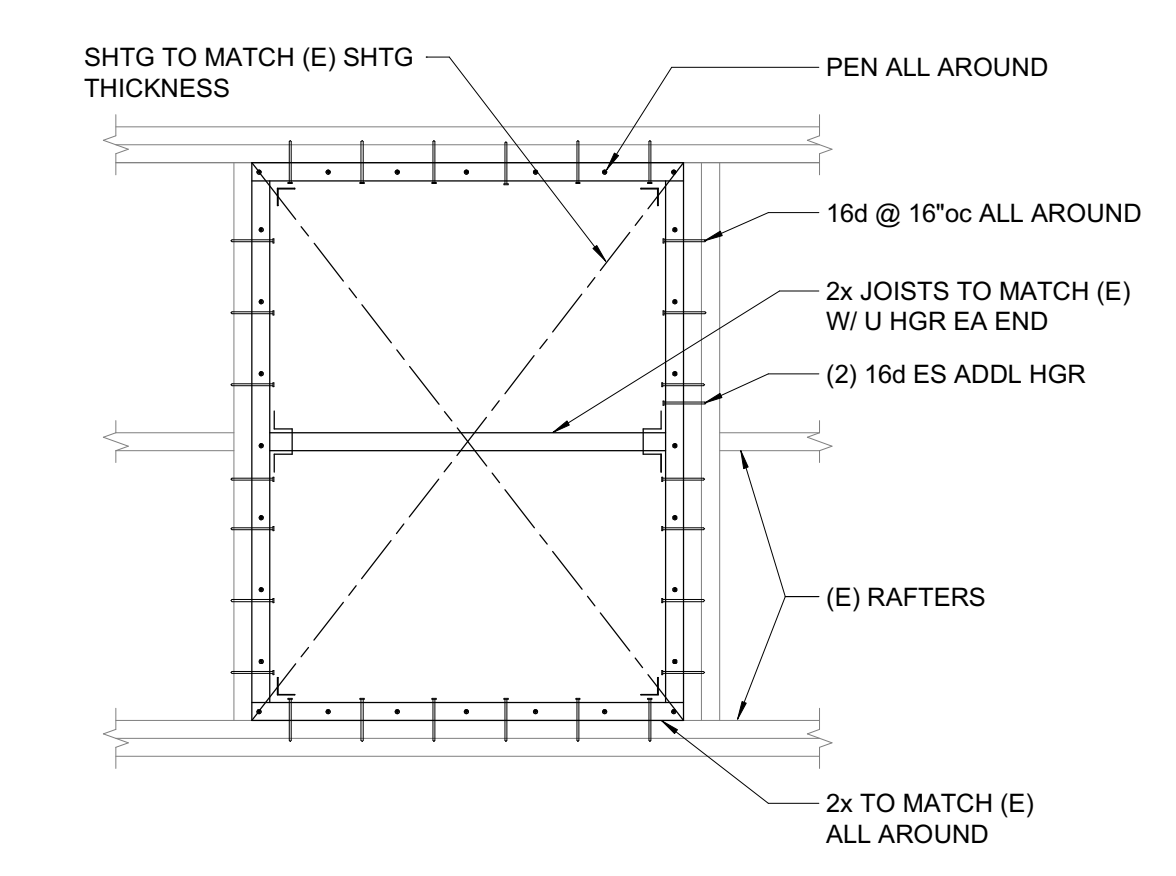
14 NEW HOLDOWN AT EXISTING FOOTING
3/4" = 1'-0"



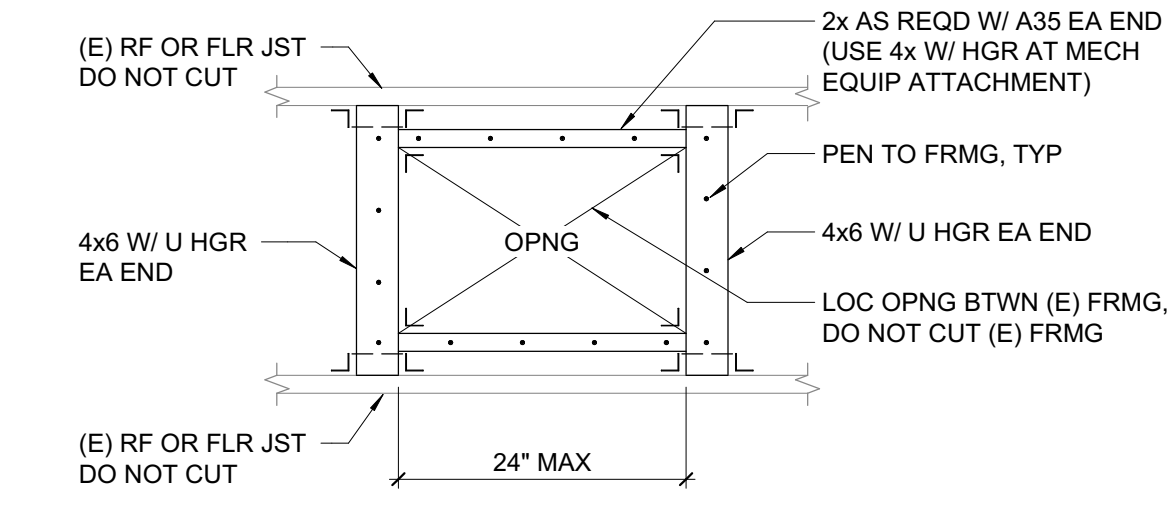
8 NEW DOOR IN EXISTING WALL (NON-SHEAR WALL)
3/8" = 1'-0"



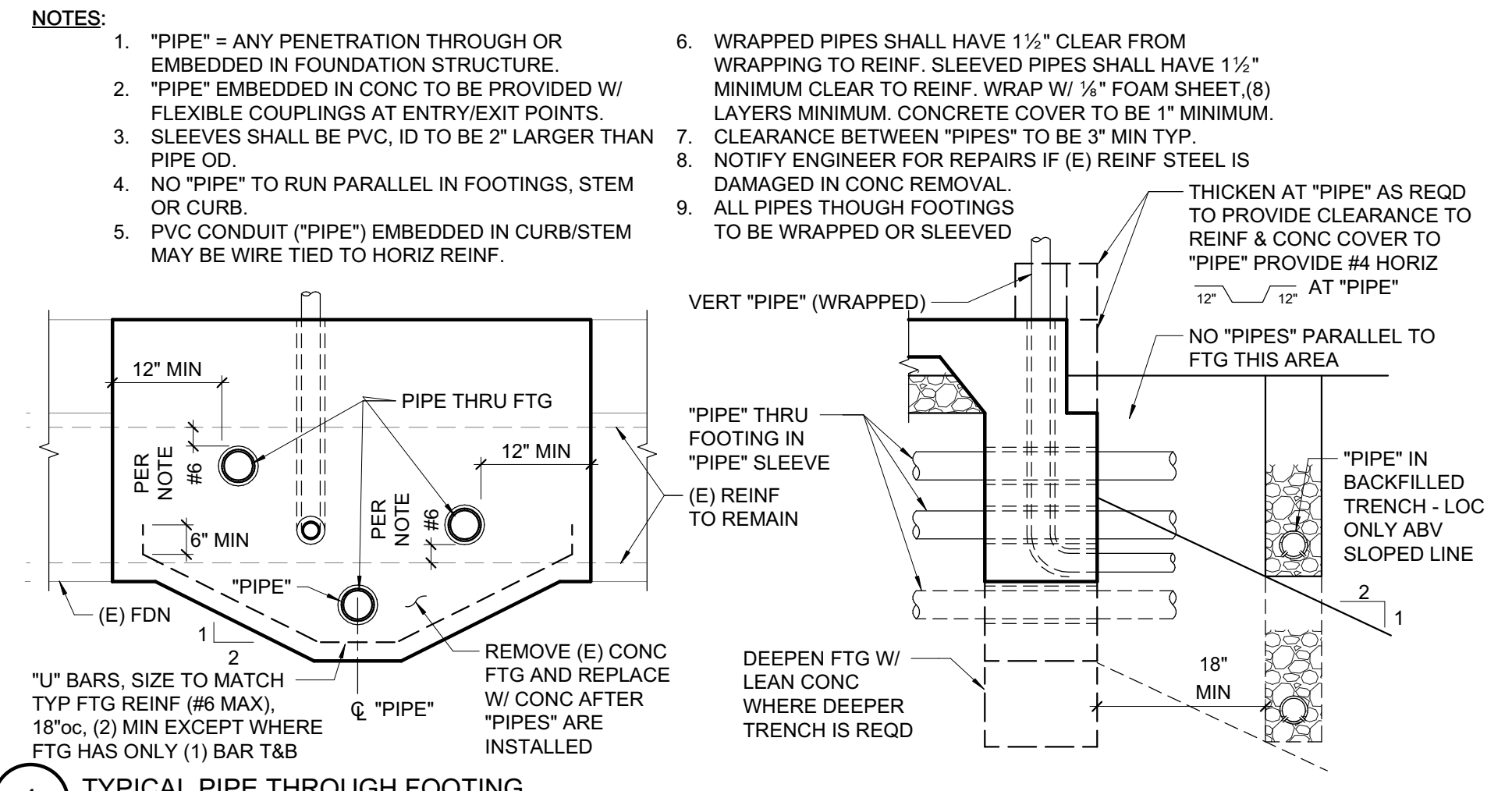
9 NEW OPENING AT EXISTING SHEAR WALL
3/8" = 1'-0"



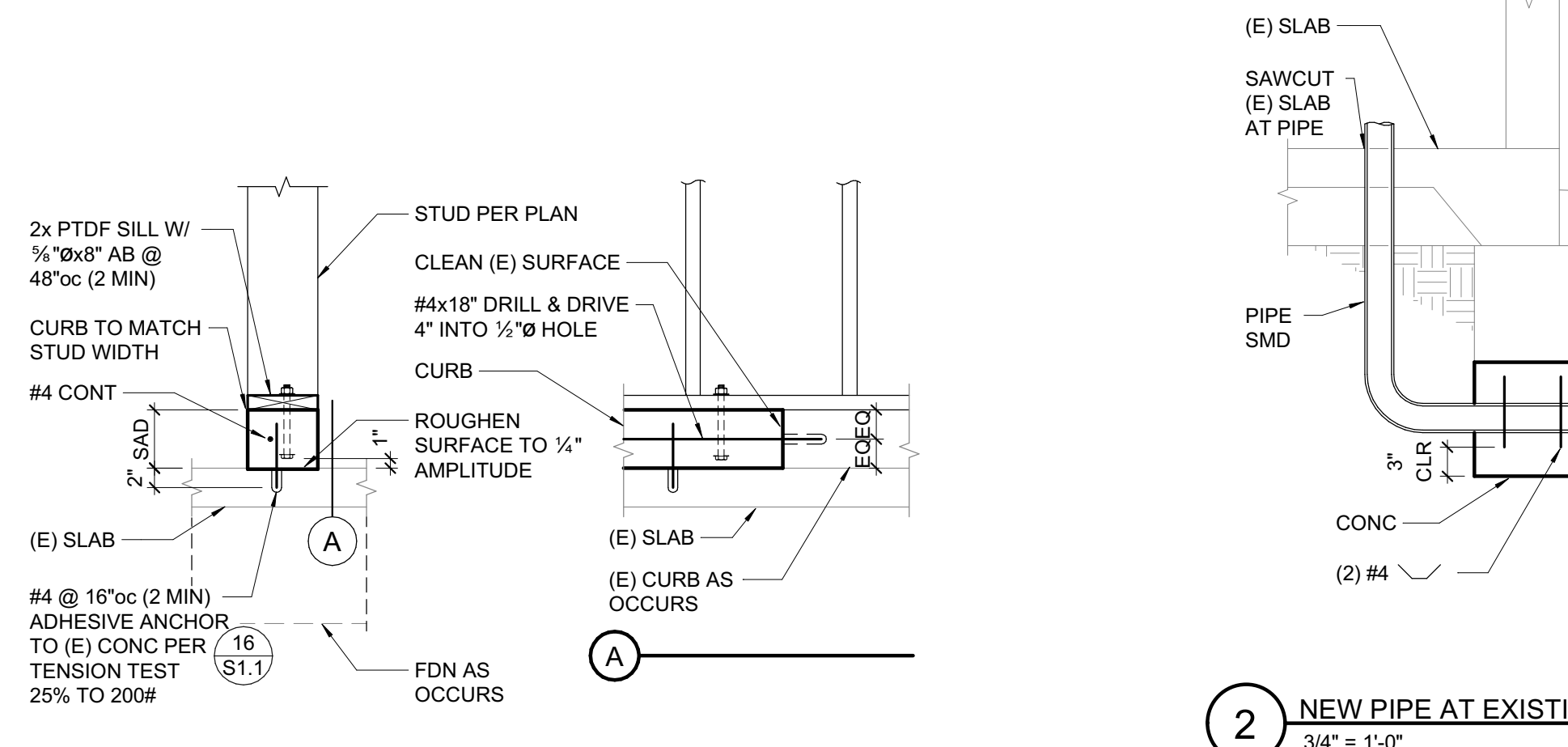
10 NEW INFILL AT EXISTING ROOF
3/4" = 1'-0"



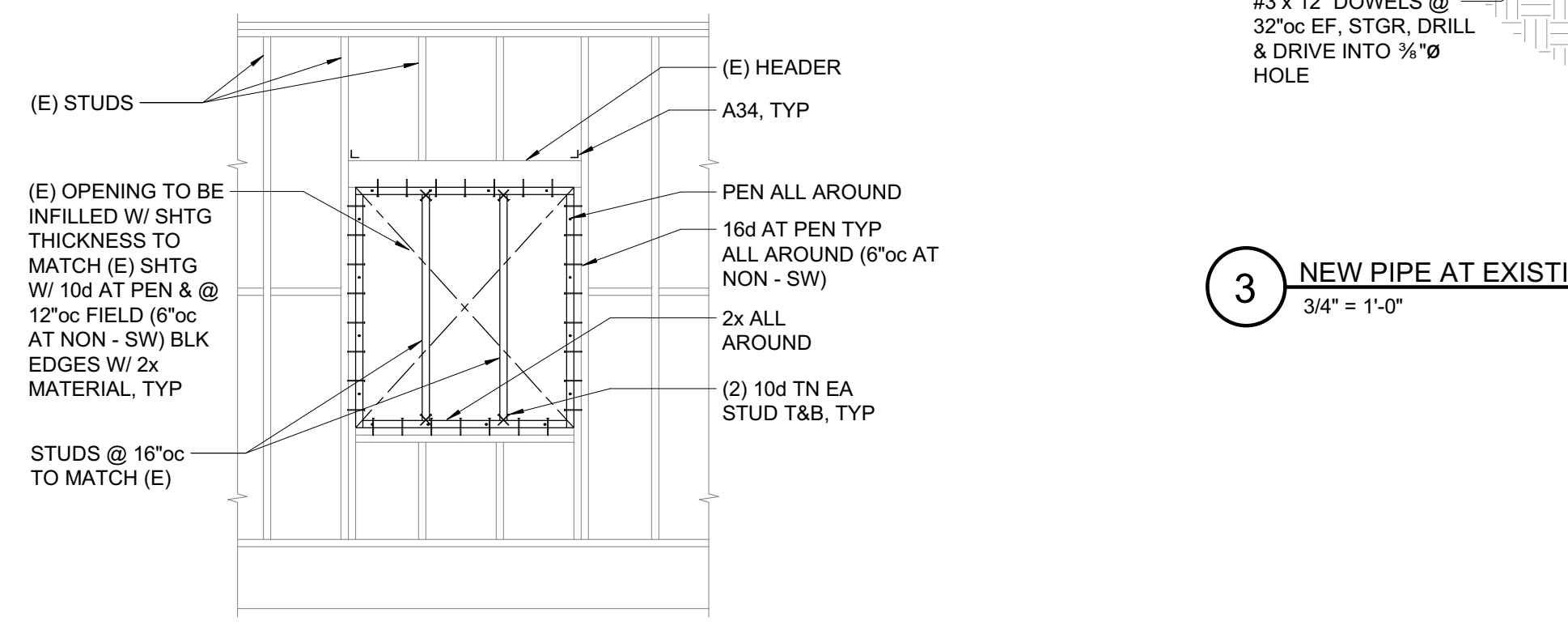
11 NEW 24" MAXIMUM OPENING
3/4" = 1'-0"



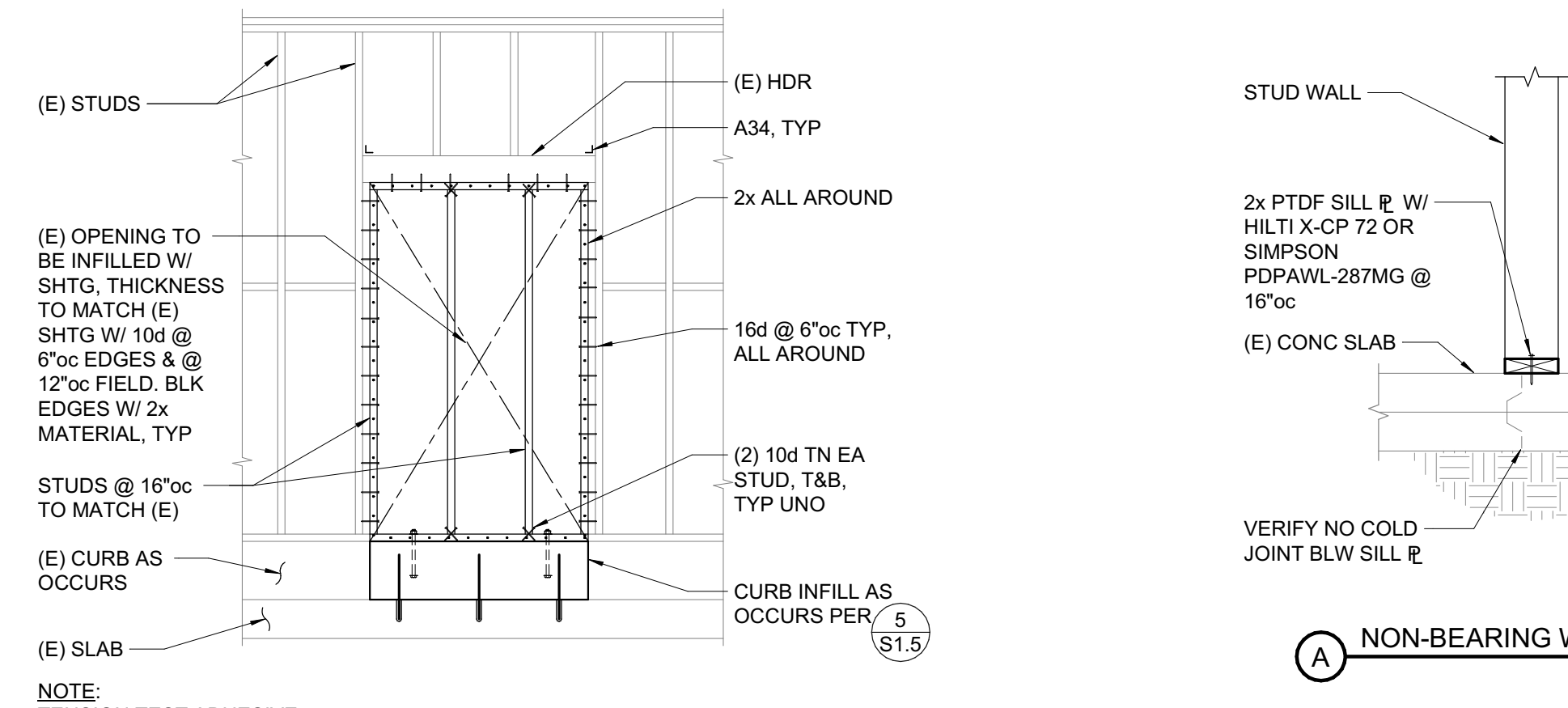
1 TYPICAL PIPE THROUGH FOOTING
3/4" = 1'-0"



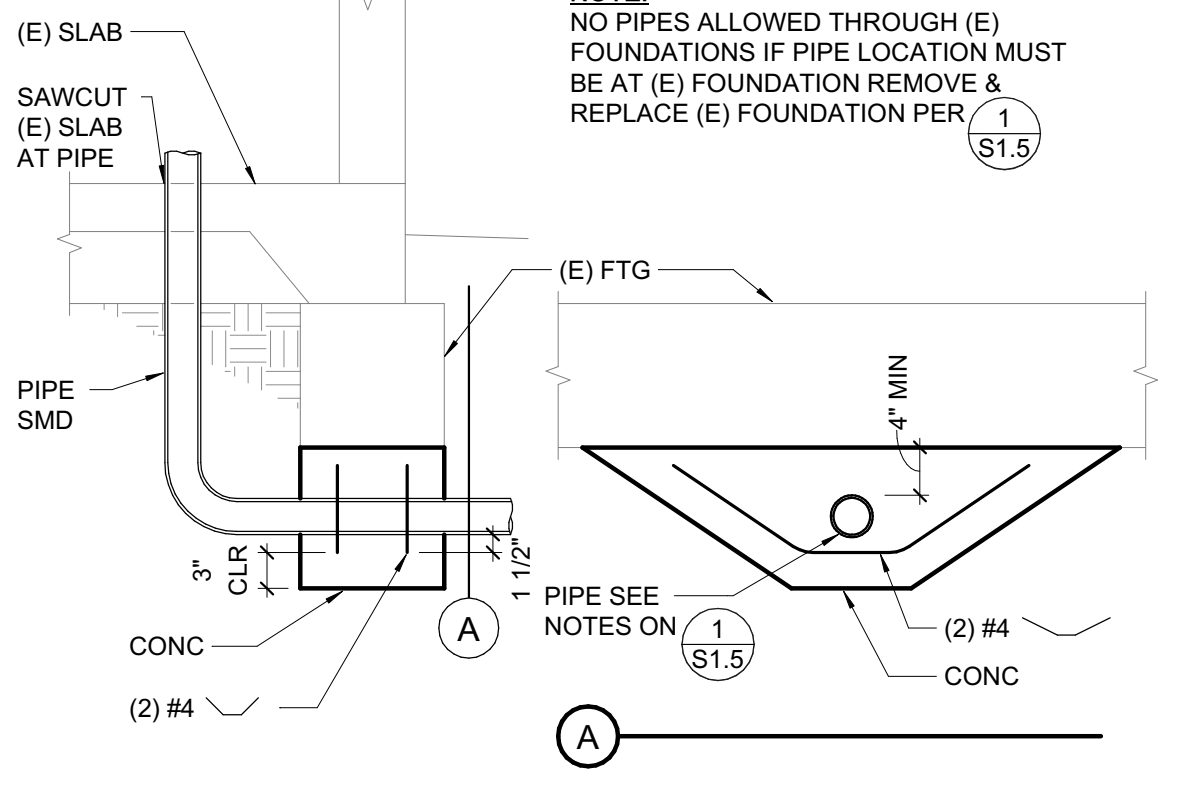
5 NEW CURB AT EXISTING SLAB
3/4" = 1'-0"



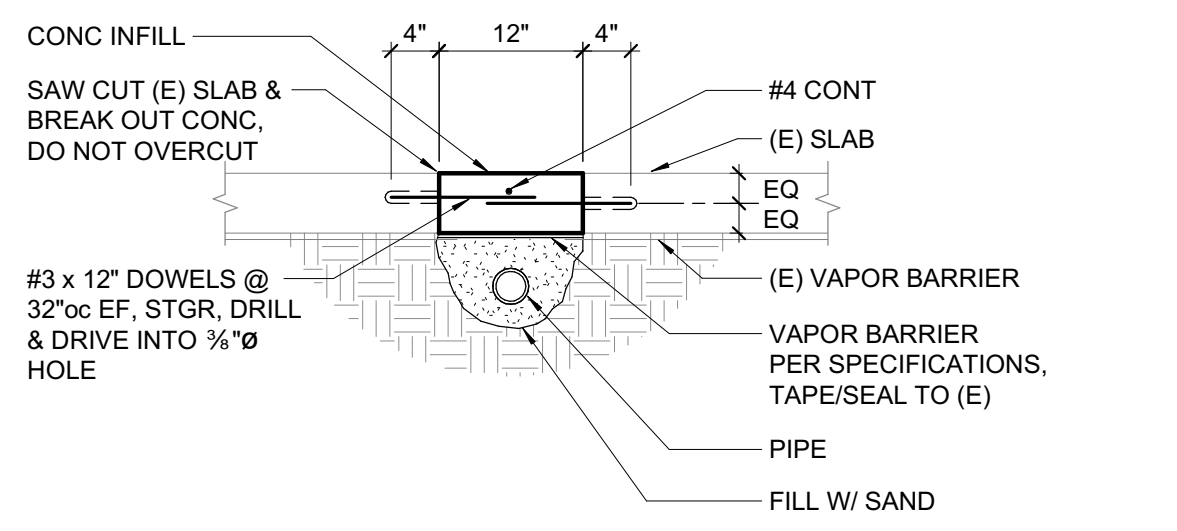
6 WINDOW INFILL AT EXISTING WALL
3/8" = 1'-0"



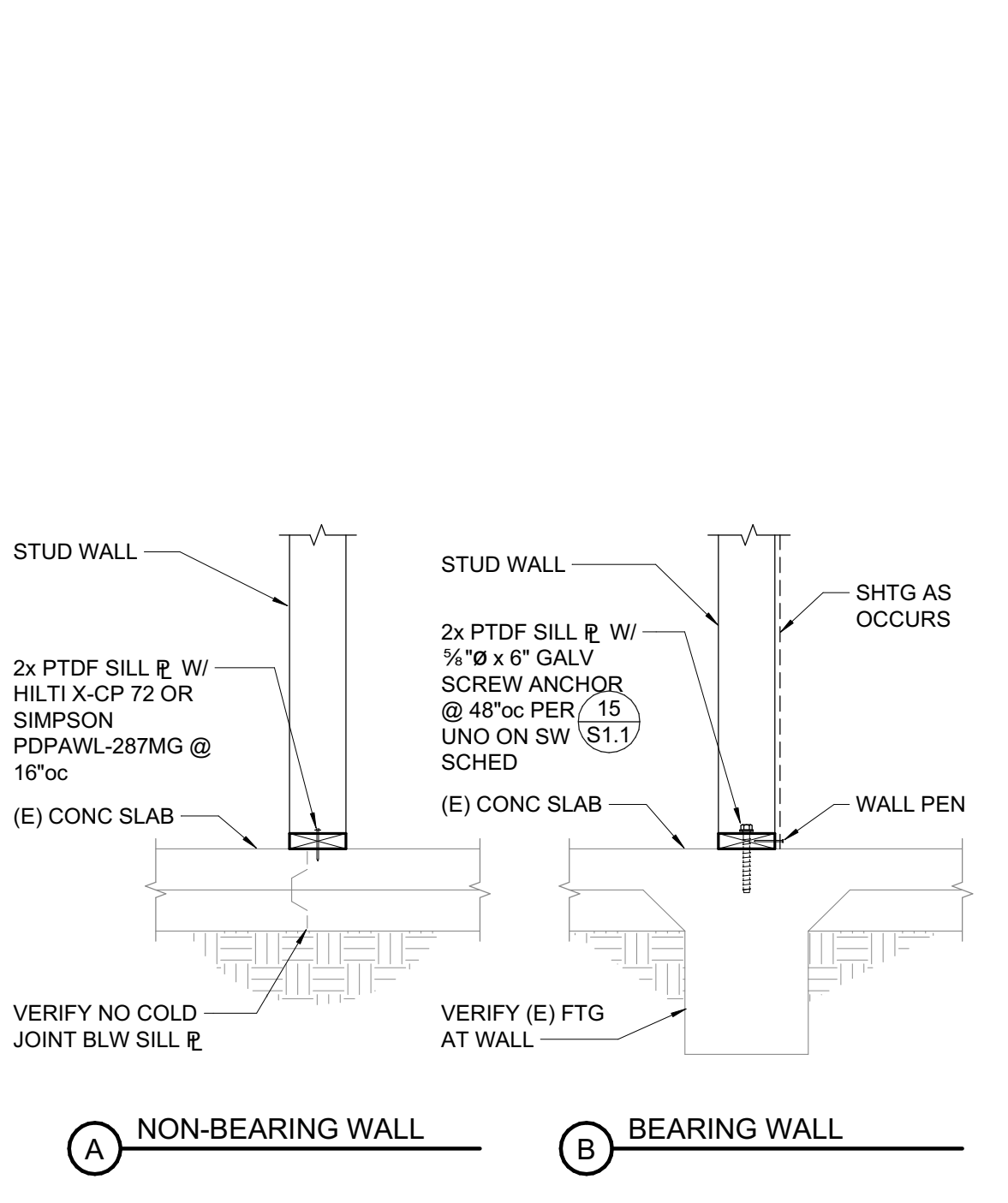
7 DOOR INFILL AT EXISTING WALL
3/8" = 1'-0"



2 NEW PIPE AT EXISTING FOUNDATION
3/4" = 1'-0"

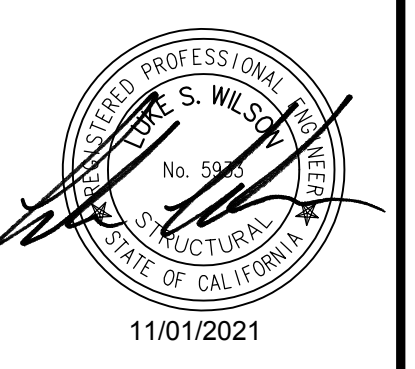


3 NEW PIPE AT EXISTING SLAB
3/4" = 1'-0"



4 NON BEARING & BEARING WALLS AT (E) SLAB/FOOTING
3/4" = 1'-0"

NOTE:
TENSION TEST ADHESIVE ANCHORS TO 500#F



JKA ARCHITECTURE
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www.jkacararchitecture.com

ZFA STRUCTURAL ENGINEERS
zfa.com
1212 Fourth Street, Suite 200
San Ramon, CA 94583
707.326.0952
zfa job no. 20095
copyright © 2020

Project:
CITY OF SAN RAMON
SAN RAMON FIRE STATION #34
12599 ALCASTA BLVD
SAN RAMON, CA 94583



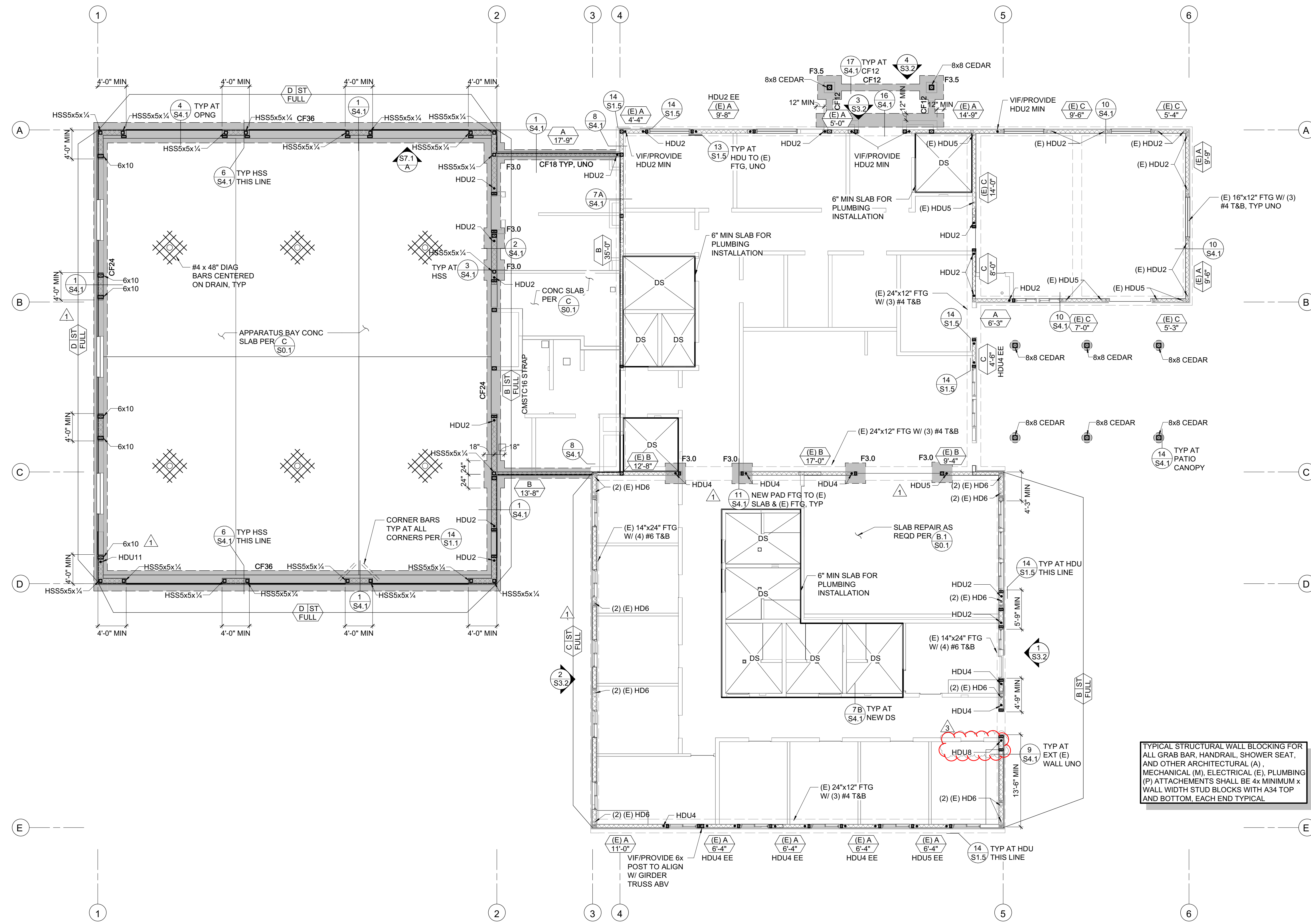
Description:	Date:
BUILDING DEPARTMENT SUBMITTAL	06/29/21
BUILDING DEPARTMENT RESUBMITTAL	08/26/21
BUILDING DEPARTMENT #2 RESUBMITTAL	09/30/21
BID SET	10/12/21
BUILDING DEPARTMENT #3 RESUBMITTAL & ADDENDUM 02	11/01/21

NOT FOR CONSTRUCTION
Project Number: 200701
Approved By: LSW
Checked By: LSW
Drawn By: KNC

Sheet Title:
TYPICAL DETAILS AT EXISTING CONSTRUCTION

Sheet: OF 100
Sheet Number:

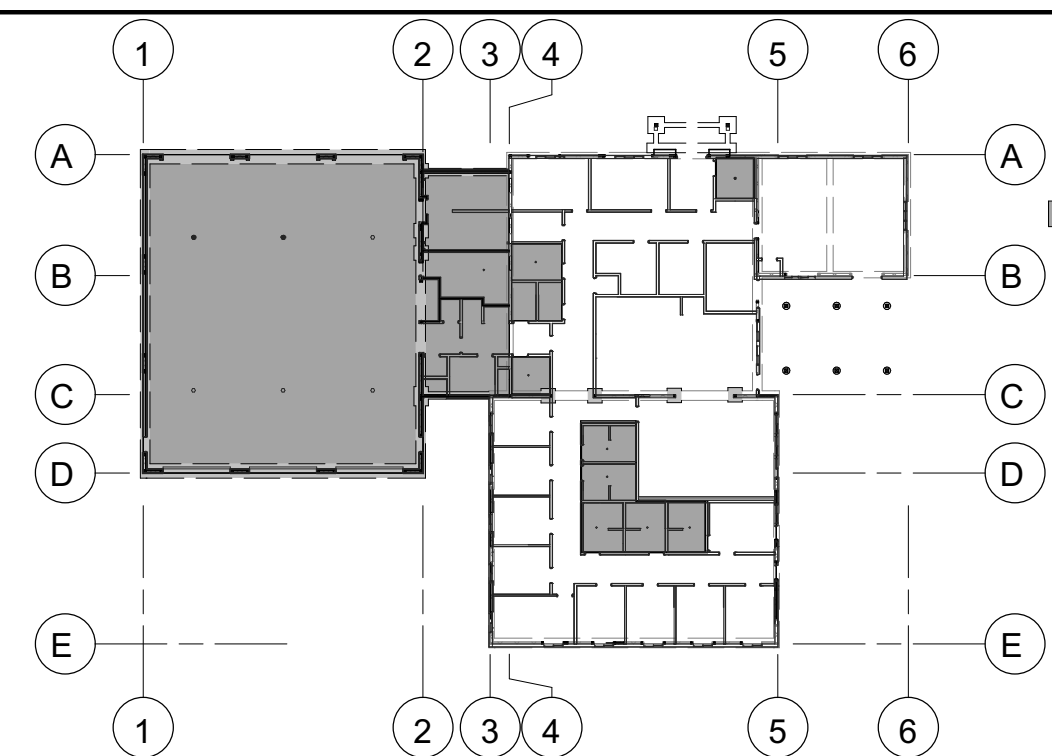
S1.5



TYPICAL STRUCTURAL WALL BLOCKING FOR ALL GRAB BAR, HANDRAIL, SHOWER SEAT, AND OTHER ARCHITECTURAL (A), MECHANICAL (M), ELECTRICAL (E), PLUMBING (P) ATTACHMENTS SHALL BE 4x MINIMUM X WALL WIDTH STUD BLOCKS WITH A34 TOP AND BOTTOM, EACH END TYPICAL

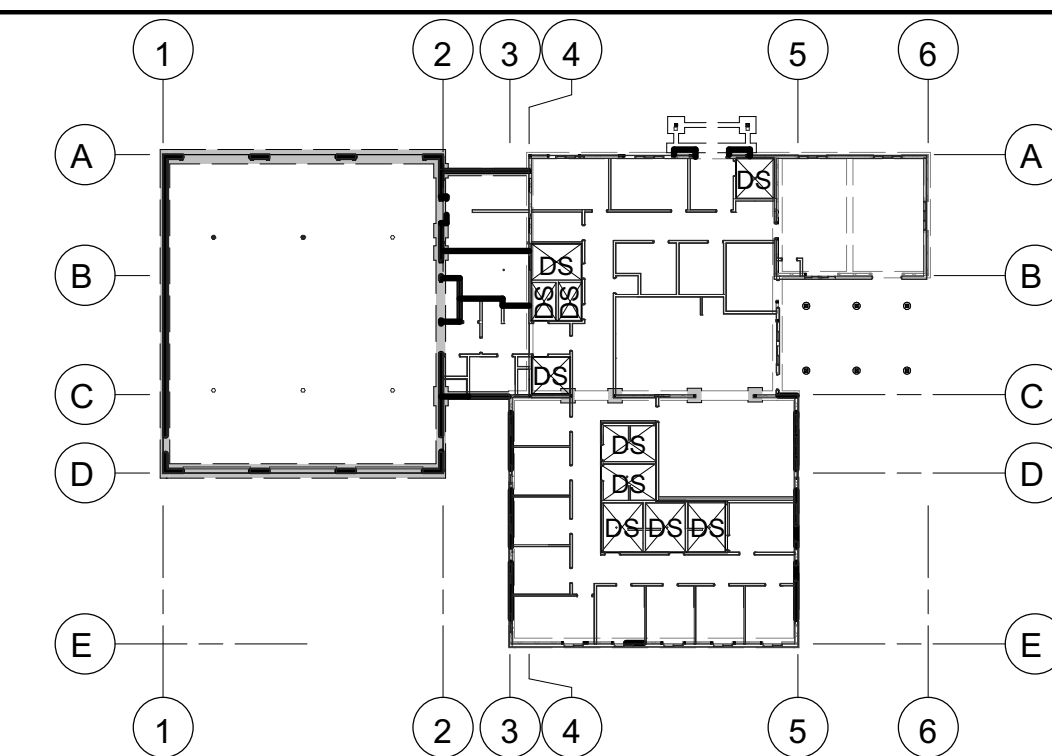
FOUNDATION PLAN

1/8" = 1'-0"



NEW SLAB PLAN

1" = 40'-0"



CURB AND DEPRESSED SLAB PLAN

1" = 40'-0"

CONTINUOUS FOOTING SCHEDULE

MARK	'b'	'd'	REINF 'a'	NOTES
CF12	12"	24"	(2) #5 T&B	NONE
CF18	18"	24"	(2) #5 T&B	PROVIDE #3 TIES @ 24"oc
CF24	24"	24"	(2) #5 T&B	PROVIDE #3 TIES @ 24"oc
CF36	36"	24"	(3) #6 T&B	PROVIDE #3 TIES @ 24"oc

PAD FOOTING SCHEDULE

MARK	SIZE	REINFORCING
F3.0	3'-0" SQ x 24" DEEP	(4) #5 T&B EW
F3.5	3'-6" SQ x 24" DEEP	(4) #5 T&B EW

FOUNDATION PLAN NOTES:

- REFER TO SHEETS S0.1, S1.1, S1.2, S1.3, S1.4, AND S1.5 FOR GENERAL NOTES AND TYPICAL DETAILS. THE FOLLOWING DETAIL REFERENCES ARE PROVIDED FOR THE CONTRACTOR'S CONVENIENCE ONLY. ALL GENERAL NOTES AND TYPICAL DETAIL SHEETS NOTED ABOVE ARE APPLICABLE AND SHALL BE FOLLOWED.
- DIMENSIONS ARE TO FACE OF STUD UNLESS NOTED OTHERWISE. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
- SEE DETAILS OR CURB PLAN FOR CURB LOCATIONS. COORDINATE WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES. PROVIDE LONGER ANCHOR BOLTS AT CURBS PER C/S0.1.
- PLUMBING AND ELECTRICAL CONDUIT AND GROUND STRAP SHALL NOT BE LAID WITHIN FOUNDATIONS. NO UTILITY PIPES OR CONDUITS SHALL BE LOCATED THRU COLUMN FOOTINGS OR FRAME FOOTINGS. NO PIPES OR CONDUITS THRU SILL PLATES SHALL BE WITHIN 12" OF HOLDDOWN BOLTS. NO MECHANICAL, ELECTRICAL, OR PLUMBING OPENINGS SHALL BE LOCATED IN SHEAR WALLS UNLESS SHOWN AND DETAILED ON THE STRUCTURAL DRAWINGS. NO VERTICAL OR HORIZONTAL PIPES OR CONDUITS SHALL BE LOCATED THROUGH STEEL FRAMES, STEEL COLUMNS, OR STEEL BASE PLATES. PROVIDE FURRING AND/OR THICKENED CONCRETE WHERE REQUIRED TO CLEAR UTILITY SYSTEMS. NOTIFY STRUCTURAL ENGINEER/ARCHITECT PRIOR TO ANY INSTALLATION NOT CONFORMING TO THESE DETAILS.
 - PIPES THROUGH FOOTINGS SHALL BE PER 2/S1.1 AND 3/S1.1.
 - PIPES PARALLEL TO FOOTINGS SHALL BE PER 4/S1.1.
 - PIPES AT SLAB ON GRADE SHALL BE PER 7/S1.1.
 - PIPES THROUGH WOOD FRAMING SHALL BE PER 2/S1.2 AND 4/S1.3.
- CONTRACTOR SHALL DETERMINE FOUNDATION STEP LOCATIONS BASED ON GEOTECHNICAL REPORT, CIVIL, ARCHITECTURAL AND LANDSCAPE DRAWINGS. STEP FOOTING PER 5/S1.1.
- MODIFICATIONS OF EXISTING WALL FRAMING SHALL BE PER:
 - NEW WINDOW IN EXISTING WALL PER 9/S1.5.
 - NEW DOOR IN EXISTING WALL PER 9/S1.5.
 - INFILL EXISTING WINDOW PER 6/S1.5.
 - INFILL AT EXISTING DOOR PER 7/S1.5.

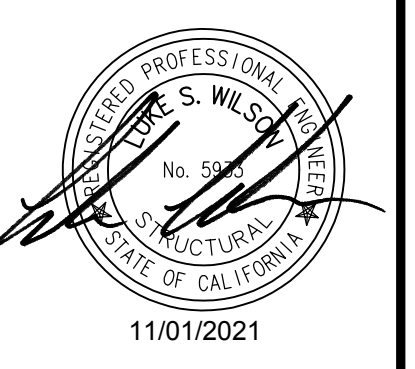
PLAN LEGEND

SYMBOL	REFERENCE DETAIL	DESCRIPTION
[Solid Line]	1/S1.2	INDICATES STRUCTURAL WALL.
[Dashed Line]	7/S1.2	INDICATES SHEAR WALL TYPE AND MINIMUM WALL LENGTH. SYMBOL LOCATION INDICATES SHEATHED FACE OF WALL UNLESS NOTED OTHERWISE.
[Line with 'A']	F/S0.1	INDICATES STRAPPED SHEAR WALL WITH TYPE AND OVERALL WALL LENGTH, SEE ARCHITECTURAL DRAWINGS FOR OPENINGS.
[Line with 'A' and '12/20-07']	12/S1.2	INDICATES POST WITH HOLDDOWN. POSTS WITH HOLDDOWN ARE FULL HEIGHT FROM SILL TO TOP PLATE. VIF (E) HD AS OCCURS. VERIFY / PROVIDE SW PEN TO (E) HD POST
[Line with 'E/S0.1']	E/S0.1	INDICATES WOOD POST.
[Line with '8/S1.2']	8/S1.2	INDICATES POST WITH HOLDDOWN. POSTS WITH HOLDDOWN ARE FULL HEIGHT FROM SILL TO TOP PLATE. VIF (E) HD AS OCCURS. VERIFY / PROVIDE SW PEN TO (E) HD POST
[Line with '5/S1.3']	5/S1.3	INDICATES STEEL COLUMN.
[Line with 'F/S0.1']	F/S0.1	INDICATES FOUNDATION.
[Line with 'CF24']	CF24	INDICATES CONTINUOUS FOOTING SIZE AND REINFORCING PER SCHEDULE.
[Line with 'F2.0']	F2.0	INDICATES PAD FOOTING SIZE AND REINFORCING PER SCHEDULE.
[Line with 'DS']	8/S1.1	INDICATES DEPRESSED SLAB. SEE ARCHITECTURAL AND PLUMBING DRAWINGS FOR COMPLETE LOCATIONS, DEPTH AND SLOPE INFORMATION.
[Line with '7/S1.2']	7/S1.2	INDICATES (E) SHEAR WALL DESIGNATING ADDITIONAL NAILING/ANCHORAGE PER SW SCHED FOR MINIMUM LENGTH DEFINED.
[Line with 'E/S0.1']	E/S0.1	INDICATES (E) SHEAR WALL TO REMAIN. VERIFY/PROVIDE REQUIREMENTS PER SHEAR WALL SCHEDULE AND NOTES AS REQUIRED FOR MINIMUM LENGTH DEFINED.
[Line with '88']	88	INDICATES GRIDLINE AT FACE OF STUD.
[Line with '1/S3.1']	1/S3.1	INDICATES ELEVATION.
[Line with 'EXISTING FOUNDATION']		INDICATES EXISTING FOUNDATION.
[Line with 'EXISTING FRAMING']		INDICATES EXISTING FRAMING.

SHEAR WALL SCHEDULE

SW	APA RATED SHEATHING	NAILING (PEN)	ANCHORAGE				REMARKS
			1" BOLT FOR 2x SILL	1" BOLT FOR 3x SILL	2" RWD SILL	3" RWD SILL	
(A)	1/2" (32/16) EXP 1	10d @ 6"oc	32"oc	48"oc	24"oc	24"oc	
(B)	1/2" (32/16) EXP 1	10d @ 4"oc	24"oc	32"oc	16"oc	16"oc	3x MIN AT ALL ADJOINING PANEL EDGES
(C)	1/2" (32/16) EXP 1	10d @ 3"oc	16"oc	24"oc	12"oc	12"oc	
(D)	1/2" (32/16) EXP 1	10d @ 2"oc	-	16"oc	-	-	

- SHEAR WALL SCHEDULE NOTES:**
- AT EXISTING SHEAR WALLS, CONTRACTOR TO VERIFY EXISTING SHEATHING FOR DEFINED LENGTH. VERIFY EXISTING SHEAR WALL NAILING FOR SHEAR WALL TYPES B THRU C UNO. VERIFY EXISTING SHEAR WALL ANCHORAGE AT ALL EXPOSED CONDITIONS ONE LOCATION MINIMUM PER SHEAR WALL LINE. SEE PLANS FOR ADDITIONAL VERIFICATION REQUIREMENTS.
 - AT EXISTING SHEAR WALL DESIGNATING ADDITIONAL NAILING/ANCHORAGE, ADD ADDITIONAL PEN AT EXISTING SHEATHING PANEL EDGES TO MEET NAILING PER SCHEDULE. AT EXISTING PLATE ANCHORAGE, PROVIDE ADDITIONAL FASTENERS TO MEET ANCHORAGE PER SCHEDULE. AT EXISTING FOUNDATION SILL PLATES, PROVIDE 3/8" SCREW ANCHORS PER 19/S1.1 TO MEET MINIMUM SPACING PER SCHEDULE.



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Project:
 CITY OF SAN RAMON
 SAN RAMON FIRE STATION #34
 12599 ALCOSTA BLVD
 SAN RAMON, CA 94583



Description: BUILDING DEPARTMENT SUBMITTAL
 Date: 06/29/21

Description: BUILDING DEPARTMENT RESUBMITTAL
 Date: 08/26/21

Description: BUILDING DEPARTMENT #2 RESUBMITTAL
 Date: 09/30/21

Description: BUILDING DEPARTMENT #3 RESUBMITTAL & ADDENDUM 02
 Date: 10/12/21

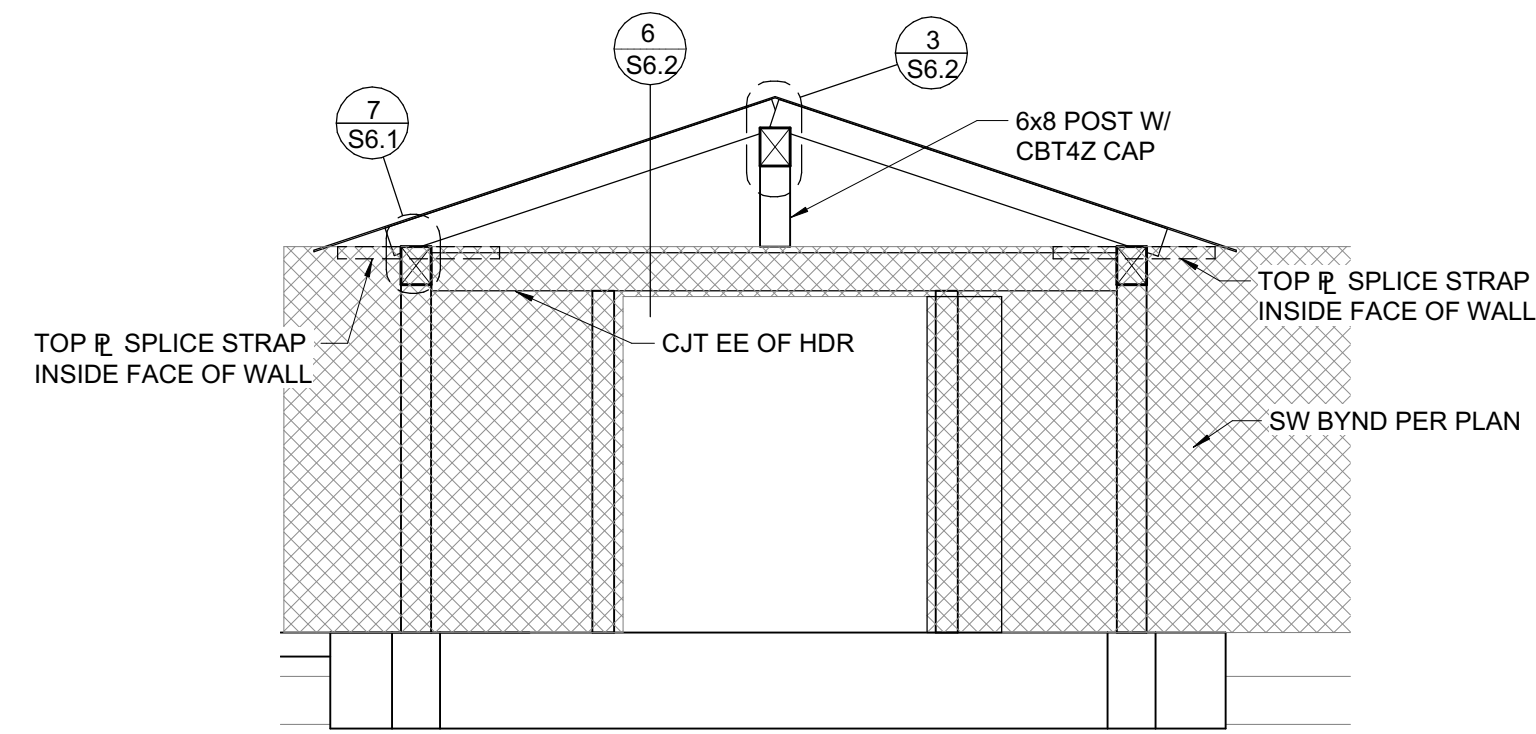
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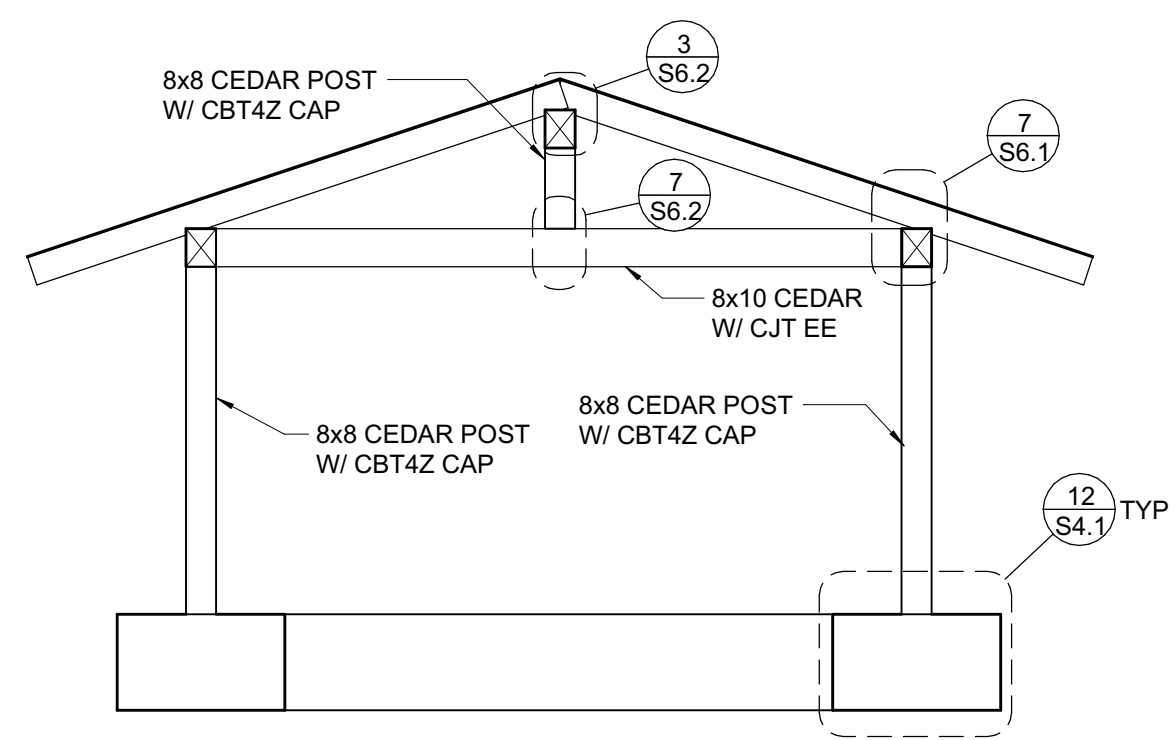
FOUNDATION PLAN

Sheet: OF 100
 Sheet Number:

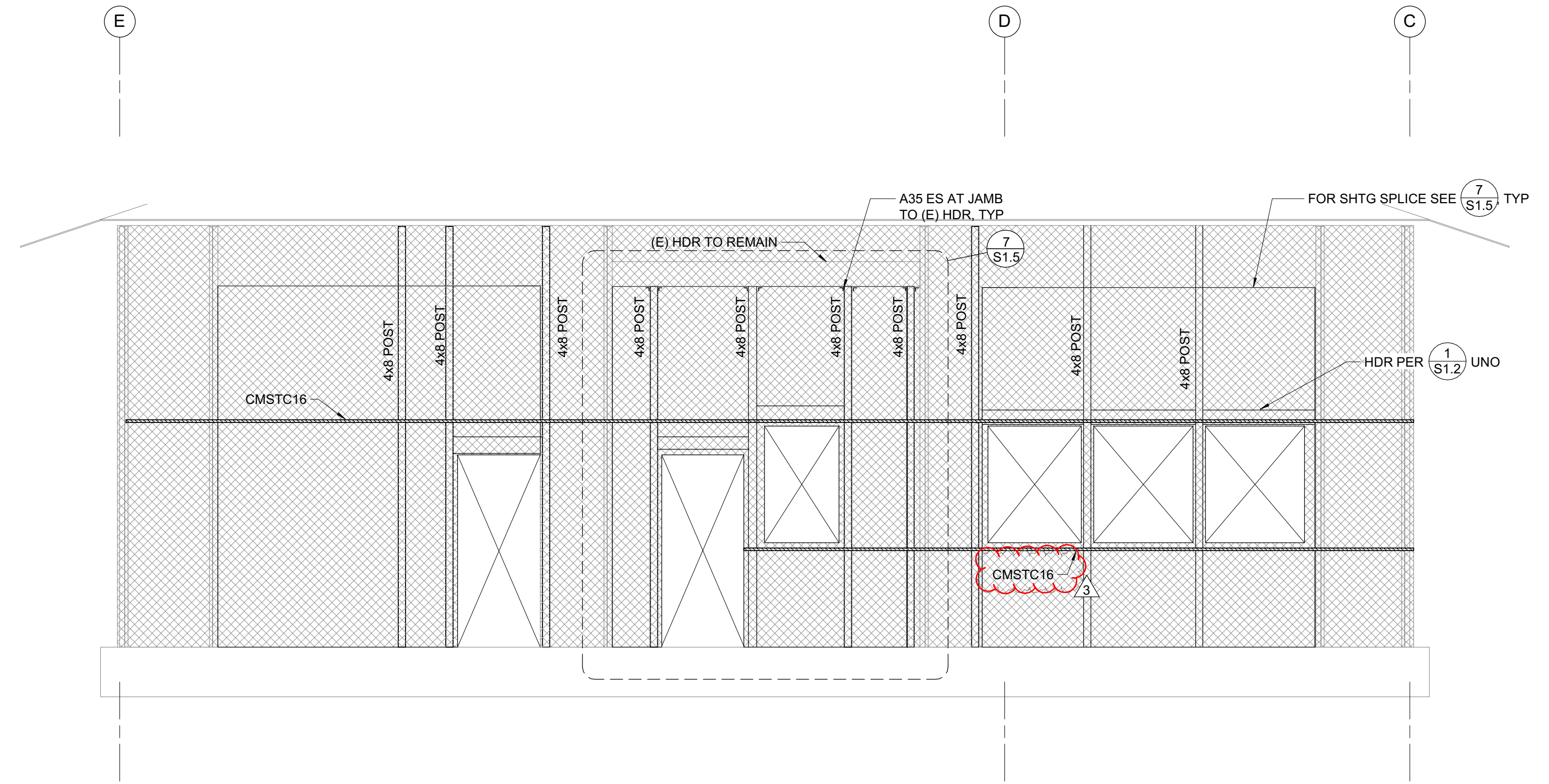
S2.1



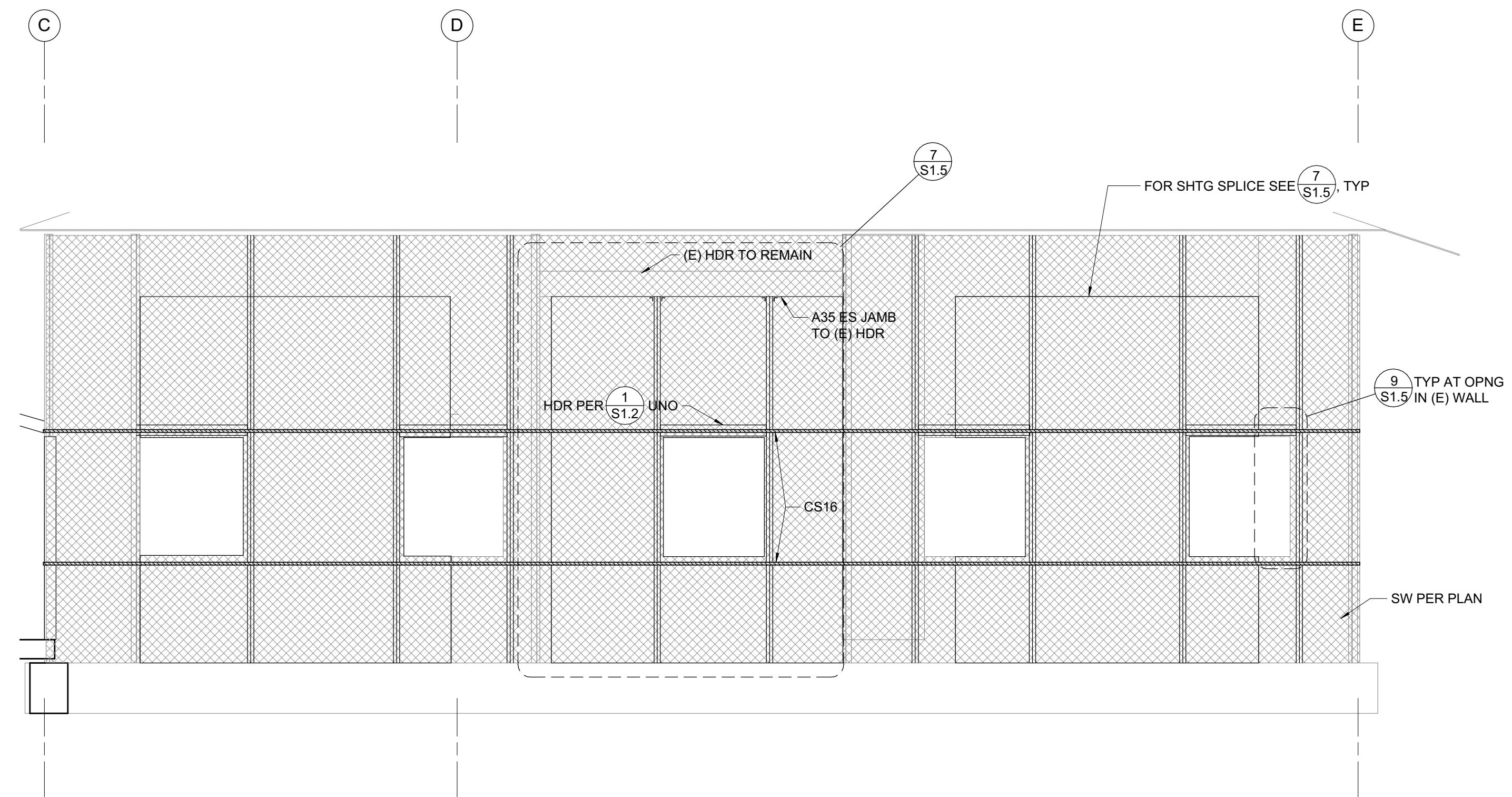
3 ELEVATION 3 - GRID A AT GABLE ENTRY
1/4" = 1'-0"



4 ELEVATION 4 - GABLE ENTRY
1/4" = 1'-0"



1 ELEVATION 1 - GRID 5 AT EXISTING APPARATUS BAY
1/4" = 1'-0"



2 ELEVATION 2 - GRID 3 AT EXISTING APPARATUS BAY
1/4" = 1'-0"



JKA jeff k at z
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STATION #34
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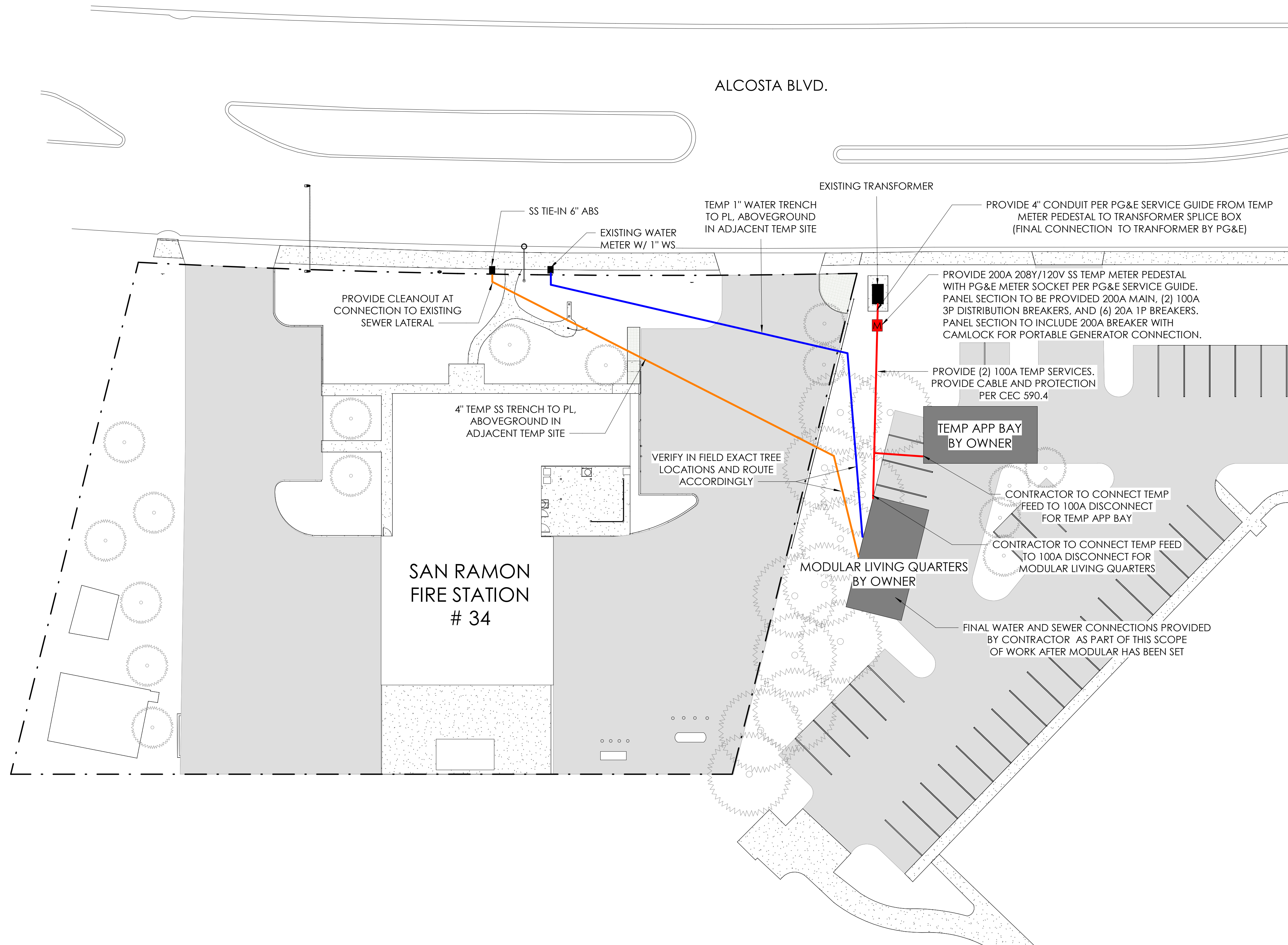
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Sheet Title:
ELEVATIONS

Sheet: OF 100
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S3.2



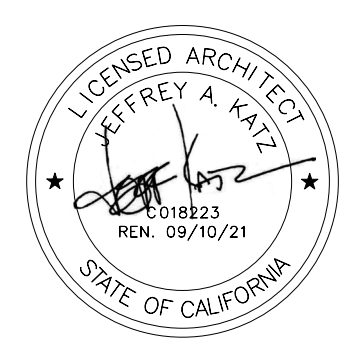
CONSTRUCTION NOTES

TEMP POWER FOR TEMP STATION AND APP BAY TO BE INSTALLED WITH APPROVED TEMP POWER CONTRACTOR. CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR TEMP SERVICE ORDER FROM DESIGN TEAM.

CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ANY SHUT DOWNS OR CUT OVERS FOR TEMP POWER WITH FIRE DISTRICT AND CITY OF SAN RAMON.

PG&E POINT OF CONTACT:

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 C: 925-519-6846
 E-mail: rwsz@pge.com



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Project:
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BUILDING DEPARTMENT RESUBMITTAL #2	09/30/21
BID SET	10/12/21

ISSUED FOR CONSTRUCTION

Project Number: 200701
 Approved By: Approver
 Checked By: Checker
 Drawn By: Author

Sheet Title:
TEMP SITE PLAN