

# ADDENDUM



**PAUL HALAJIAN  
ARCHITECTS**

**PROJECT: Clovis Landmark Square  
Senior Activity Center and Transit Center**

**ADDRESS: 735 Third Street & 785 Third Street  
Clovis, CA 93612**

**OWNER: City of Clovis  
1033 Fifth Street  
Clovis, CA 93612**

**ADDENDUM#: 02**

**PUBLISHED DATE: October 30, 2020**

**PHA JOB NO.: 2016-39**

**CITY JOB NO.: CIP 15-03**

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*The following additions, deletions and revisions to the plans, specifications and addenda shall become a part of the Contract Documents. It is the responsibility of the Contractor to submit the information contained in this addendum to all bidders. Each bidder shall acknowledge receipt of this Addendum in their respective Bid Proposals. (Addendum number of pages: **10** pages and **57** attachments = **67** total pages.)*

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## PROJECT MANUAL

### Item 02-01

**Reference: SECTION 00 00 00 — CONTRACT REQUIREMENTS  
SECTION 01 91 13 - COMMISSIONING.**

- a. Commissioning Agent will be contracted by the Owner.

### Item 02-02

**Reference: SECTION 00 01 10 — TABLE OF CONTENTS.**

- a. Add to Division 05, Metals the following:  
"057316 CABLE RAILINGS.....7"
- b. Add to Division 08, Doors and Windows the following:  
"084229 SLIDING AUTOMATIC ENTRANCES... ..13"

### Item 02-03

**Reference: SECTION 05 73 16 — CABLE RAILINGS.**

- a. Add Section **05 73 16, Cable Railings** with the attached.

### Item 02-04

**Reference: SECTION 08 33 13 — COILING COUNTER DOORS.**

- a. Rename Section "08 33 13, COILING COUNTER DOORS" to "08 33 13, COILING DOORS".
- b. Door Type Clarification:
  - i. Door 101A to be Cookson ESD10 or approved equal per section 2.6

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- ii. Door 121A to be Cookson ERC11 or approved equal per section 2.4
- iii. Door 121C to be Cookson ERC11 or approved equal per section 2.4
- iv. Door 121D to be Cookson ERC11 or approved equal per section 2.4
- v. Door 139B to be Cookson ESG10 or approved equal per section 2.5
- vi. Door 139C to be Cookson ESG10 or approved equal per section 2.5
- vii. Door 147A to be Cookson ESC10 or approved equal per section 2.3
- viii. Door 151A to be Cookson ESC10 or approved equal per section 2.3
- c. All doors to have non-integral frames. Refer to Jamb Details listed within the Door Schedule
- d. All interior coiling doors and frames to be aluminum with anodized finish.
- e. Exterior Service door and frame to be stainless steel Type 304 with #4 finish per specifications.
- f. Coiling doors to be non-insulated and non-STC Rated.

**Item 02-05**

**Reference: SECTION 08 14 16 — WOOD DOORS.**

- a. Refer to Part 2.3: Doors to be Maple Finish. Stain to match adjacent wood paneling.

**Item 02-06**

**Reference: SECTION 08 42 29 — SLIDING AUTOMATIC ENTRANCES.**

- a. Add Section **08 42 29, Sliding Automatic Entrances** with the attached.

**Item 02-07**

**Reference: SECTION 09 67 23 — RESINOUS FLOORING.**

- a. Replace Section 2.1.B.1.a, with the following:
  - “a. Subject to compliance with requirements, provide product indicated or a comparable product by the following:
    - 1) Shock-Crete MD with Sealer 70; Dudick inc.
    - 2) Comparable products not indicated herein are subject to Request for Substitution.”

**Item 02-08**

**Reference: SECTION 26 25 00 — EMERGENCY POWER SYSTEMS.**

- a. Refer to Part 1.01 Scope: Omit the word “two” within the first sentence.
- b. There is to be only one generator.

**Item 02-09**

**Reference: SECTION 32 94 00 — PLANTING ACCESSORIES.**

- a. Omit this Specification Section.

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## DRAWINGS

### Item 02-10

**Reference: PLAN 17 of 24 – CONSTRUCTION PLAN.**

- a. Refer to Keynote 14, Bike Racks. Follow Detail 9/A101 for bike rack to be provided.

### Item 02-11

**Reference: ARCHITECTURAL DETAILS.**

- a. At locations indicating 1x3 furring – spacing to be at 24" o.c., typ.

### Item 02-12

**Reference: A300 and A310 – EXTERIOR ELEVATIONS.**

- a. Due to scanning clarity of the Exterior Elevations, refer to attached **A300** and **A310** sheets within this addendum.

### Item 02-13

**Reference: GATE EXIT AT OUTDOOR SPACE.**

- a. Add sheet **AD2-03, Outdoor Space** for information on outdoor patio.
  - i. Additional gate information.
  - ii. Additional concrete paving.

### Item 02-14

**Reference: A201 – ENLARGED FLOOR PLANS.**

- a. Refer to Food Equipment Schedule:
  - i. *OFCI equipment will be delivered to the Site by the City. The Contractor will be responsible for unloading and storing safely until the time of installation.*

### Item 02-15

**Reference: AD1-A600 – SENIOR CENTER – REFLECTED CEILING PLAN**

- a. Refer to sheet AD1-A600, Senior Center – Reflected Ceiling Plans – Add sheet **AD2-01, High Roof at Multi-Purpose** for exhibit with revisions to Partial Reflected Ceiling Plan.

### Item 02-16

**Reference: A730 – DOOR SCHEDULE.**

- a. Refer to Hollow Metal Door Types:
 

*Omit Frame type H3 and H4.*

*Rename Type H1 to be HM-1 to match designation in Door Schedule.*

*Rename Type H2 to be HM-2 to match designation in Door Schedule.*

### Item 02-17

**Reference: A908 – ROOF DETAILS**

- a. Omit detail 10/A908 and replace with **1/AD2-02** attached.
- b. Add detail **2/AD2-02** attached.

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**Item 02-18**

**Reference: A909 – ROOF DETAILS**

- a. Omit detail 22/A909 and replace with **1/AD2-01** attached.
- b. Add detail **2/AD2-01** attached.

**Item 02-19**

**Reference: AD1-A913 – INTERIOR DETAILS.**

- a. Refer to detail 11 –
  - i. Replace note “Basis-of Design: 3Form 200.08 SimpleSpec, w/ stainless steel hardware. Resin panel color and texture to be selected by Owner.” with “Basis-of-Design: Nova Display Systems, 3 mm Cable Display System kit #CA4-3 with Satin/Matte metal Chrome Finish hardware.”
  - ii. Replace note “Single panel connector per mfr.” with “Single panel support clip. Basis-of-Design: Nova Display Systems, #CG01-3. (3) per ea. panel side.”
  - iii. Replace note “4’ x 8’ x 3/8” resin panel by mfr. For panel elevation, see 16/AD1-A913.” with “4’ x 8’ x 1/4” tempered glass panel. For panel elevation, see 16/AD1-A913.”
  - iv. Replace note “Ceiling hole cover” with “Ceiling hole cover. Basis-of-Design: Nova Display Systems, #P01, (1) at ea. cable.”
  - v. Replace note “Cable coupler by mfr. Install at roof deck per mfr. recommendations.” with “Heavy duty ceiling support by mfr. Install at roof deck per mfr. recommendations. Basis-of-Design: Nova Display Systems, #HDS, (1) at ea. cable.”
- b. Refer to detail 16 –
  - i. Replace note “4’ x 8’ x 3/8” resin panel” with “4’ x 8’ x 1/4” tempered glass panel”.

**Item 02-20**

**Reference: AD1-S200 – SENIOR ACTIVITY CENTER – FOUNDATION PLAN.**

- a. Omit sheet **AD1-S200, Senior Activity Center-Foundation Plan** and replace with **AD2-S200, Senior Activity Center-Foundation Plan** attached. The following changes have been made:
  - i. Added columns and pad footings west of Grid 1.
  - ii. Added 6x6 posts and pad footings each side of Grid 9 at Grid sA.

**Item 02-21**

**Reference: AD1-S300 – SENIOR ACTIVITY CENTER – ROOF FRAMING PLAN.**

- a. Omit sheet **AD1-S300, Senior Activity Center-Roof Framing Plan** and replace with **AD2-S300, Senior Activity Center-Roof Framing Plan** attached. The following changes have been made:
  - i. Revised beam sizes each side of Grid 9 and north of Grid sA.

**Item 02-22**

**Reference: AD1-S301 – SENIOR ACTIVITY CENTER – UPPER ROOF FRAMING PLAN.**

- a. Omit sheet **AD1-S301, Senior Activity Center-Upper Roof Framing Plan** and replace with **AD2-S301, Senior Activity Center-Upper Roof Framing Plan** attached. The following changes have been made:
  - i. Revised beam size for B15.

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- ii. Clarified 6x6 posts at corners and between openings at upper tower framing plans.
- iii. Revised fascia on east end of upper roof to steel channel.
- iv. Revised beam sizes between Grids 1 and 2. Beams are now spliced at Grid 1.
- v. Revised fascia beam at west end to steel channel.

**Item 02-23**

**Reference: S401 – SENIOR ACTIVITY CENTER – SECTIONS.**

- a. Omit sheet **S401, Senior Activity Center-Sections** and replace with **AD2-S401, Senior Activity Center-Sections** attached. The following changes have been made:
  - i. Revised Section D/S401 at west overhang.

**Item 02-24**

**Reference: AD1-S402 – SENIOR ACTIVITY CENTER – SECTIONS.**

- a. Omit sheet **AD1-S402, Senior Activity Center-Sections** and replace with **AD2-S402, Senior Activity Center-Sections** attached. The following changes have been made:
  - i. Refer to section E/S402 - Revised Section E/S402 at west overhang and fascia beam at Grid 7.

**Item 02-25**

**Reference: AD1-S403 – SENIOR ACTIVITY CENTER – SECTIONS.**

- a. Omit sheet **AD1-S403, Senior Activity Center-Sections** and replace with **AD2-S403, Senior Activity Center-Sections** attached. The following changes have been made:
  - i. Refer to section G/S403 - Added columns. Orientation of beams have been revised to vertical instead of tilted with the roof slope. Eave conditions at each side have been revised to accommodate rain gutter. Elevation of ridge beam has been revised due to change in beam size.
  - ii. Refer to section H/S403 - Eave conditions have been revised on each side.
  - iii. Refer to section J/S403 - Eave conditions have been revised on each side.

**Item 02-26**

**Reference: S404 – SENIOR ACTIVITY CENTER – SECTIONS.**

- a. Omit sheet **S404, Senior Activity Center-Sections** and replace with **AD2-S404, Senior Activity Center-Sections** attached. The following changes have been made:
  - i. Refer to section K/S404 - Eave conditions have been revised on each side.

**Item 02-27**

**Reference: S406 – SENIOR ACTIVITY CENTER – WALL ELEVATIONS.**

- a. Omit sheet **S406, Senior Activity Center-Wall Elevations** and replace with **AD2-S406, Senior Activity Center-Wall Elevations** attached. The following changes have been made:

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- i. Refer to elevation R/S406 - Beam pockets have been deleted.

**Item 02-28**

**Reference: S407 – SENIOR ACTIVITY CENTER – WALL ELEVATIONS.**

- a. Omit sheet **S407, Senior Activity Center-Wall Elevations** and replace with **AD2-S407, Senior Activity Center-Wall Elevations** attached. The following changes have been made:
  - i. Refer to elevation S/S407 – Specified bar sizes to end bars where previously omitted.

**Item 02-29**

**Reference: AD1-S503 – ROOF FRAMING DETAILS.**

- a. Omit sheet **AD1-S503, Roof Framing Details** and replace with **AD2-S503, Roof Framing Details** attached. The following changes have been made:
  - i. Refer to detail 8/S503 – Revised overhang condition.

**Item 02-30**

**Reference: AD1-S504 – ROOF FRAMING DETAILS.**

- a. Omit sheet **AD1-S504, Roof Framing Details** and replace with **AD2-S504, Roof Framing Details** attached. The following changes have been made:
  - i. Refer to detail 6/S504 – Revised orientation of beams and eave condition to show rain gutter. Added columns.
  - ii. Refer to detail 11/S504 – Revised eave condition.

**Item 02-31**

**Reference: AD1-S505 – ROOF FRAMING DETAILS.**

- a. Omit sheet **AD1-S505, Roof Framing Details** and replace with **AD2-S505, Roof Framing Details** attached. The following changes have been made:
  - i. Refer to detail 7/S505 – Revised eave condition.

**Item 02-32**

**Reference: AD1-S600 – BEAM DETAILS.**

- a. Omit sheet **AD1-S600, Beam Details** and replace with **AD2-S600, Beam Details** attached. The following changes have been made:
  - i. Refer to detail 3/S600 – Revised beam connection to block wall. Beam pocket has been eliminated.
  - ii. Refer to detail 8/S600 – Revised beam connection to block wall. Beam pocket has been eliminated.
  - iii. Refer to detail 9/S600 – Revised beam connection to fascia.
  - iv. Refer to detail 10/S600 – Revised beam connection to fascia.
  - v. Refer to detail 11/S600 – Revised fascia beam.

**Item 02-33**

**Reference: AD1-S602 – BEAM DETAILS.**

- a. Omit sheet **AD1-S602, Beam Details** and replace with **AD2-S602, Beam Details** attached. The following changes have been made:
  - i. Refer to detail 10/S602 – Added offset dimension from wood beam to steel beam.

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**Item 02-34**

**Reference: AD1-S603 – BEAM DETAILS.**

- a. Omit sheet **AD1-S603, Beam Details** and replace with **AD2-S603, Beam Details** attached. The following changes have been made:
  - i. Refer to detail 5/S603 – Revised depth of GLB to match size specified on Roof Framing Plan.

**Item 02-35**

**Reference: AD1-S701 – FOUNDATION DETAILS.**

- a. Omit sheet **AD1-S701, Foundation Details** and replace with **AD2-S701, Foundation Details** attached. The following changes have been made:
  - i. Added the following details: 10 and 11

**Item 02-36**

**Reference: AD1-E001 – ELECTRICAL SYMBOLS & NOTES.**

- a. Omit sheet **AD1-E001, Electrical Symbols & Notes** and replace with **AD2-E001, Electrical Symbols & Notes** attached.

**Item 02-37**

**Reference: AD1-E011 – ELECTRICAL LIGHTING DETAILS.**

- a. Omit sheet **AD1-E011, Electrical Lighting Details** and replace with **AD2-E011, Electrical Lighting Details** attached.

**Item 02-38**

**Reference: E025 – LOW VOLTAGE DETAILS.**

- a. Omit sheet **E025, Low Voltage Details** and replace with **AD2-E05, Low Voltage Details** attached.

**Item 02-39**

**Reference: AD1-E101 – ELECTRICAL SITE PLAN.**

- a. Omit sheet **AD1-E101, Electrical Site Plan** and replace with **AD2-E101, Electrical Site Plan** attached.
- b. Refer to Keynote 41: Contractor to provide all poles, lights, etc. as shown on the drawings including the (4) 'S4' Poles. Contractor to provide them to the Owner for future project.

**Item 02-40**

**Reference: AD1-E201 – SENIOR CENTER LIGHTING PLAN.**

- a. Omit sheet **AD1-E201, Senior Center Lighting Plan** and replace with **AD2-E201, Senior Lighting Plan** attached.

**Item 02-41**

**Reference: AD1-E202 – SENIOR CENTER POWER & DATA PLAN.**

- a. Omit sheet **AD1-E202, Senior Center Power & Data Plan** and replace with **AD2-E202, Senior Center Power & Data Plan** attached.

**Item 02-42**

**Reference: AD1-E301 – TRANSIT CENTER LIGHTING, POWER & DATA PLAN.**

- a. Omit sheet **AD1-E301, Transit Center Lighting, Power & Data Plan** and replace with **AD2-E301, Transit Center Lighting, Power & Data Plan** attached.

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**Item 02-43**

**Reference: ON-SITE IMPROVEMENT PLANS: 2 of 24 – CONSTRUCTION NOTES.**

- a. The on-site fire hydrant as noted in the civil improvement plans shall be constructed and be operational before combustible materials are delivered to the site.

**Item 02-44**

**Reference: ON-SITE IMPROVEMENT PLANS: 8 of 24 – GRADING PLAN SOUTH.**

- a. Refer to sheet 8 of 24, Grading Plan South in the On-Site Improvement Plans – Add sheet **Landmark Square Addendum #2** for exhibit with revisions to Grading Plan South.

**Item 02-45**

**Reference: ON-SITE IMPROVEMENT PLANS: 16 of 24 – SWPPP REQUIREMENTS.**

- a. Sheet 16 of 24 of the civil improvement drawings contains Best Management Practices that are intended to be supplemental to the Storm Water Pollution Prevention Plan that is required to be prepared and implemented by the Contractor in conformance with Section 015000 of the project specifications.

**Item 02-46**

**Reference: ON-SITE IMPROVEMENT PLANS: 17 of 24 – CONSTRUCTION PLAN.**

- a. Refer to sheet 17 of 24, Construction Plan in the On-Site Improvement Plans – Add sheet **1 of 3, Addendum #2** for exhibit with revisions to Construction Plan.

**Item 02-47**

**Reference: ON-SITE IMPROVEMENT PLANS: 19 of 24 – IRRIGATION PLAN.**

- c. Refer to sheet 19 of 24, Irrigation Plan in the On-Site Improvement Plans – Add sheet **2 of 3, Addendum #2** for exhibit with revisions to Irrigation Plan.

**Item 02-48**

**Reference: ON-SITE IMPROVEMENT PLANS: 22 of 24 – PLANTING PLAN.**

- a. Refer to sheet 22 of 24, Planting Plan in the On-Site Improvement Plans – Add sheet **3 of 3, Addendum #2** for exhibit with revisions to Planting Plan.

**SUPPLEMENTAL**

**Item 02-49**

**Reference: FRESNO METROPOLITAN FLOOD CONTROL DISTRICT.**

- a. Add **Fresno Metropolitan Flood Control District** plans with the attached (2 sheets total). The cost for these improvements shall be included within Base Bid Item #4.

**CLARIFICATION**

**Item 02-50**

**Reference: LAYDOWN YARD – FUTURE LIBRARY SITE.**

- a. The area reserved for the future library may be utilized as a staging area.

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**Item 02-51**

**Reference: SHEET A201 — KITCHEN EQUIPMENT.**

- a. Refer to sheet **AD2-04, Kitchen Equipment Plan** for clarification of kitchen equipment.

**Item 02-52**

**Reference: BUS CANOPY.**

- a. Construction of the Bus Canopy to follow construction schedule requirements for the Transit Center.

**Item 02-53**

**Reference: PRE-BID MEETING.**

- a. See attached **Pre-Bid Sign-In Sheet** for attendance list of Pre-Bid Meeting dated 10/16/2020.

**Item 02-54**

**Reference: BID BOND FORM.**

- a. The Bid Bond form provided in the Contract Requirements shall be utilized and it may be adjusted to read 10% of the Base Bid in lieu of a dollar amount.

**Item 02-55**

**Reference: SUBCONTRACTOR DESIGNATION.**

- a. The Contractor shall perform, with its own organization, no less than five (5) percent of the original total contract price as noted in the Specifications.

**Item 02-56**

**Reference: CALTRANS PARTICIPATION.**

- a. Caltrans is not involved in this project.

**Item 02-57**

**Reference: OFFSITE PERMITS – PAVED ALLEY.**

- a. Off-site improvements (which include the alley right-of-way) will require an Encroachment Permit free of charge as specified in Section 96-11.2.

**Item 02-58**

**Reference: BID QUESTIONS TIMELINE.**

- a. The last day for questions is November 5, 2020 at 2:00 pm. Submit questions via email to Jose Sandoval at [joses@cityofclovis.com](mailto:joses@cityofclovis.com).

**Item 02-59**

**Reference: BUILDING PERMIT FEES.**

- a. Building Permits will be issued to the Contractor free of charge.

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Mike Harrison, City of Clovis  
City Engineer

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Date

**ADDENDUM CONTINUES ON NEXT PAGE**

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BIDDER SHALL SIGN BELOW INDICATING HE/SHE HAS THOROUGHLY READ AND UNDERSTANDS THE CONTENTS OF THIS ADDENDUM NO. 2. Bidder shall submit a signed copy of this Addendum with his/her bid. Non-submittal of the Addendum with the bid will not be cause for rejection of the bid; however, the Addendum must be signed prior to the award of the Contract.

\_\_\_\_\_  
Contractor Signature

\_\_\_\_\_  
Date

**END OF ADDENDUM #02**

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## SECTION 05 73 16

### CABLE RAILINGS

#### PART 1 GENERAL

##### 1.1 SECTION INCLUDES

- A. Aluminum railings with cable infill.

##### 1.2 RELATED SECTIONS

- A. Section 03 30 00 - Cast-in-Place Concrete.
- B. Section 05 12 13 - Architecturally-Exposed Structural Steel Framing.

##### 1.3 REFERENCES

- A. American National Standards Institute (ANSI):
  - 1. ANSI A21.1 - Safety Requirements for Floor and Wall Openings, Railings and Toe Boards.
  - 2. ANSI A58.1 - Minimum Design Loads in Buildings and Other Structures.
  - 3. ICC/ANSI A117.1 - Accessible and Usable Buildings and Facilities.
- B. American Welding Society (AWS):
  - 1. AWS Specifications for Welding Rods and Bare Electrodes.
- C. Americans with Disabilities Act Accessibility Guidelines (ADAAG).
- D. ASTM International (ASTM):
  - 1. ASTM A 47 - Specification for Ferritic Malleable Iron Castings.
  - 2. ASTM A 269 - Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service.
  - 3. ASTM A 276 - Specification for Stainless and Heat-Resisting Steel Bars and Shapes.
  - 4. ASTM A 312 - Specification for Seamless and Welded Austenitic Stainless Steel Pipe.
  - 5. ASTM A 554 - Welded Stainless Steel Mechanical Tubing
  - 6. ASTM A 666 - Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar.
  - 7. ASTM A1264-1 - Safety Requirements for Workplace Floor and Wall Openings, Stairs and Railing Systems
  - 8. ASTM B 221 Specification for Aluminum-Alloy Bars, Rods, Wires, Shapes and Tubes.
  - 9. ASTM E 84 - Test Method for Surface Burning Characteristics of Building Materials.
  - 10. ASTM E 894 - Standard Test Methods for Anchorage of Permanent Metal Railing Systems and Rails for Buildings.
  - 11. ASTM E 935 - Standard Test Methods for Performance of Permanent Metal Railing Systems and Rails for Buildings.
  - 12. ASTM E 985 - Specification for Permanent Metal Railing Systems and Rails for Buildings.
- E. National Association of Architectural Metal Manufacturers (NAAMM) and National Ornamental and Miscellaneous Metals Association (NOMMA):
  - 1. NAAMM Metal Finishes Manual.
- F. National Association of Architectural Metal Manufacturers (NAAMM):
  - 1. NAAMM Pipe Railing Manual.
  - 2. NAAMM Metal Stair Manual.

- G. National Fire Protection Association (NFPA):
  - 1. 101 - Life Safety Code.

#### 1.4 PERFORMANCE REQUIREMENTS

- A. General: Handrails and railings shall withstand structural loading as determined by allowable design working stresses of materials.
- B. Structural Performance: Provide handrails and railings capable of withstanding the following structural loads without exceeding allowable design working stress of materials for handrails, railings, anchors, and connections.
  - 1. Components and installation shall be in accordance with state and local code authorities.
  - 2. Components and installation shall follow current ADA and ICC/ANSI A117.1 guidelines.
  - 3. Top Rail: Shall withstand the following loads.
    - a. Concentrated load of 200 lb (0.89 kN) applied at any point and in any direction.
    - b. Uniform load of 50 lb/ft. (0.07 kN-m) applied horizontally and concurrently with uniform load of 100 lb/ft. (0.14 kN-m) applied vertically downward.
    - c. Concentrated and uniform loads above need not be assumed to act concurrently.
  - 4. Handrails Not Serving as Top Rails: Shall withstanding the following loads.
    - a. Concentrated load of 200 lb (0.89 kN) applied at any point and in any direction.
    - b. Uniform load of 50 lb/ft. (0.07 kN-m) applied in any direction.
    - c. Concentrated and uniform loads above need not be assumed to act concurrently.
  - 5. Guard Infill Area: Shall withstand the following loads.
    - a. Concentrated horizontal load of 200 lb (0.89 kN) applied to 1 square foot (0.09 m<sup>2</sup>) at any point in system, including panels, intermediate rails, balusters, or other elements composing infill area. Loads need not be assumed to act concurrently with loads on top rails in determining stress on guard.
- C. Thermal Movements: Handrails and railings shall allow for movements resulting from 120 deg F (49 deg C) changes in ambient and 180 deg F (82 deg C) surface temperatures. Base engineering calculation on surface temperatures of materials due to both solar heat gain and nighttime-sky heat loss.
- D. Corrosion Resistance: Separate incompatible materials to prevent galvanic corrosion.

#### 1.5 SUBMITTALS

- A. Submit under provisions of Section 01 30 00 - Administrative Requirements.
- B. Product Data: Submit manufacturer's data sheets on each product to be used, including, but not limited to, the following:
  - 1. Preparation instructions and recommendations.
  - 2. Storage and handling requirements and recommendations.
  - 3. Installation methods.
  - 4. Grout, anchoring cements and paint products.
- C. Shop Drawings: Submit shop drawings showing fabrication and installation of handrails and railings. Include plans, elevations, sections, details, and attachments to other work.
  - 1. Provide setting diagrams for installation of anchors, location of pockets, weld plates for attachment of rails to structure, and blocking for attachment of wall rail.
  - 2. Indicate all required field measurements to be held.
  - 3. Indicate materials, sizes, styles, fabrication, anchorage and installation details for railing system and infill.

- D. Certifications:
  - 1. Furnish certification that all components and fittings are furnished by the same manufacturer or approved by the primary component manufacturer.
- E. Samples:
  - 1. Post and rail sections, minimum 4 inch (100 mm) long piece of each type.
  - 2. Infill Cable: Minimum 8 inch (200 mm) long piece with end fittings.
  - 3. Verification Samples: For each type of exposed finish required, prepared on components indicated below and of same thickness and metal indicated for the work. If finishes involve normal color and texture variations, include sample sets showing the full range of variations expected.
    - a. 6 inches (152 mm) long sections of each different linear railing member, including handrails and top rails.
- F. Quality Control Submittals:
  - 1. Certificates: Submit certification by the manufacturer that products supplied comply with local regulations controlling use of volatile organic compounds (VOC's).

## 1.6 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Manufacturer shall be a firm engaged in the manufacture of aluminum handrails and railings of types and sizes required, and whose products have been in satisfactory use in similar service for a minimum of 5 years.
- B. Regulatory Requirements: Comply with applicable requirements of the laws, codes, ordinances, and regulations of Federal, State, and local authorities having jurisdiction.
- C. Installer Qualifications: Minimum 2 years experience installing similar systems.
- D. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
  - 1. Install one complete railing including infill panel at location selected by Architect.
  - 2. Obtain Architect's approval prior to installing additional railings.
  - 3. Refinish mock-up area as required to produce acceptable work.
  - 4. Approved sample may remain as part of completed work.
- E. Pre-Installation Meeting:
  - 1. Prior to the beginning of work, conduct a pre-job conference at the job site.
  - 2. Provide seven calendar days advance written notice ensuring the attendance by competent authorized representatives of the fabricator, building owner's representative, architect and subcontractors whose work interfaces with the work of this section.
  - 3. Review the specifications to determine any potential problems, changes, scheduling, unique job site conditions, installation requirements and procedures and any other information pertinent to the installation.
  - 4. Record the results of the conference and furnish copies to all participants.

## 1.7 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.

## 1.8 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.

## 1.9 WARRANTY

- A. Special Warranty: Provide manufacturer's standard form outlining the terms and conditions of their standard Limited Warranty:
  - 1. Cable and Connectors: 10 year limited warranty against defects in materials and workmanship.
  - 2. Paint Finish on Aluminum Extrusions and Components: 10 year limited warranty against cracking, flaking, blister, and peeling.
- B. Additional Owner Rights: The warranty shall not deprive the Owner of other rights the Owner may have under other provisions of the Contract Documents and shall be in addition to and run concurrent with other warranties made by the Contractor under requirements of the Contract Documents.

## PART 2 PRODUCTS

### 2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Stainless Cable & Railing Inc., which is located at: 3315 N.E. 112th Ave. Suite 73; Vancouver, WA 98682;
- B. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

### 2.2 ALUMINUM RAILINGS WITH CABLE INFILL

- A. Aluminum Railings with Cable Infill.
  - 1. Mounting: Top (Deck) Mounted Posts.
  - 2. Mounting: Core Mounted Posts.
  - 3. Rail Height: 42 inches (1067 mm).
  - 4. Top Rail Type: Wood.
  - 5. Foot Rail / Handrail Type: Aluminum Post-To-Post (stand alone).
  - 6. Base Plate: 5.25 x 5.25 x 0.35 inches (133 x 133 x 9 mm) minimum.
  - 7. Anchor Bolts:
    - a. 3/8 inch (9.5 mm) diameter Redhead ITW wedge, with minimum 4 inch embedment.
- B. Square Extruded Aluminum Components: Provide manufacturer's standard extruded aluminum components as follows:
  - 1. Intermediate Post (Standard): 2.362 inches (60 mm) by 2.362 inches (60 mm) with radiused corner, 0.079 inch (2 mm) wall thickness.
  - 2. Terminal (Standard) Post: 2.362 inches (60 mm) by 2.362 inches (60 mm) with radiused corners, 0.079 inch (2 mm) wall thickness on two opposing sides and 0.28 inch (7 mm) wall thickness on two other sides.
  - 3. Cable Assemblies: 3/16 inch (4.8 mm) 1x19 fittings to be sized according to cable diameter. Fittings to be 316 measure grade stainless.
- C. Aluminum Finish: NAAMM/NOMMA Metal Finishes Manual. Finish designations prefixed by AA comply with the system established by the Aluminum Association for designating aluminum finishes.
  - 1. Clear Anodized Finish: AA-M10-C22-A31 (204R1).

### 2.3 CABLE RAILING COMPONENTS

- A. Cables:
  - 1. Material: 1 x 19, Type 316 stainless steel strand, left-hand lay, per dimensional properties contained in MIL-DTL-87161.
  - 2. Finish: Mill.
  - 3. Diameter: 3/16 inch (5 mm), minimum breaking strength of 4000 pounds.

4. Spacing: Maximum 3 inches (76 mm) on center.
  5. Cable Hardware Components:
    - a. Material: Stainless steel, ASTM A276 and A479, SAE/AMS QQ-S-763, Type 316.
    - b. Include washers, nuts, end caps and any accessory items as recommended by manufacturer for installation conditions or as shown on Drawings.
    - c. Type: Use hardware substantially concealed inside end posts wherever practical.
    - d. Field Assembly: Field Threaded Tensioner/Field. Threaded Terminal/Acorn Nut, Hex Nut, & Stainless Washer or Cable Quick Nut & Cover.
    - e. Cable Quick Lock Swageless Assembly Type 1: Field Threaded Tensioner/Cable Quick Lock Swageless Receiver/Cable Quick Nut Connector/Cable Quick Nut & Cover.
    - f. Cable Quick Lock Swageless Assembly Type 2: Cable Quick Lock Swageless Receiver/Terminal Hex Bolt/Cable Quick Receiver & Stud.
    - g. Low Profile Assembly: Cable Quick Terminal/Terminal Hex Bolt/Cable Quick Receiver & Stud.
- B. Handrail Brackets
1. Aluminum; cast
- C. Fasteners:
1. Handrail Anchors: Select fasteners of type, grade and class required to produce connections suitable for anchoring handrails and railings to other types of construction indicated and capable of withstanding design loads.
  2. Handrail and Railing Component Anchors: Use fasteners fabricated from same basic metal, unless otherwise indicated. Do not use metals that are corrosive or incompatible with materials joined.
    - a. Provide concealed fasteners for interconnecting railing components and for attaching them to other work, unless exposed fasteners are unavoidable or are standard fastening method for handrail and railing indicated.
    - b. Provide Phillips flat-head machine screws for exposed fasteners, unless otherwise indicated.

## 2.4 FABRICATION

- A. Fabricate handrails and railings by connecting members with railing manufacturer's standard concealed mechanical fasteners and fittings, unless otherwise indicated. Fabricate members and fittings to produce flush, smooth, rigid, hairline joints.
- B. Provide manufacturer's standard wall brackets, flanges, miscellaneous fittings, and anchors to connect handrail and railing members to other construction.
- C. Provide inserts and other anchorage devices to connect handrails and railings to concrete or masonry. Fabricate anchorage devices capable of withstanding loads imposed by handrails and railings. Coordinate anchorage devices with supporting structure.
- D. Shear and punch metals cleanly and accurately. Remove burrs from exposed cut edges.
- E. Cut, reinforce, drill, and tap components as indicated on the Drawings to receive finish hardware, screws, and similar items.
- F. Close exposed ends of railing members with prefabricated end fittings.
- G. Provide mounted handrail wall returns at wall ends unless otherwise indicated. Close ends of returns, unless clearance between end of railing and wall is 1/4 inch (6 mm) or less.

## PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Verification of Conditions: Examine areas and conditions under which the work is to be installed, and notify the Contractor in writing, with a copy to the Owner and the Architect, of any conditions detrimental to the proper and timely completion of the work. Do not proceed with the work until unsatisfactory conditions have been corrected.
  - 1. Examine substrates to receive anchors verifying that locations of concealed reinforcements have been clearly marked for the Installer. Locate reinforcements and mark locations if not already done.
  - 2. Beginning of the work shall indicate acceptance of the areas and conditions as satisfactory by the Installer.

### 3.2 PREPARATION

- A. Coordinate setting drawings, diagrams, templates, instructions, and directions for installing anchors, such as sleeves, concrete inserts, anchor bolts, and miscellaneous items having integral anchors that are to be embedded in concrete or masonry construction. Coordinate delivery of such items to the Project site.

### 3.3 INSTALLATION

- A. General: Install components in accordance with manufacturer's instructions and in proper relationship with adjacent construction.
  - 1. Fitting: Fit exposed connections together to form tight, hairline joints.
  - 2. Cutting and Placement: Set handrails and railings accurately in location, alignment, and elevation measured from established lines and levels and free from rack.
    - a. Do not weld, cut, or abrade coated or finished surfaces of railing components that are intended for field connection by mechanical or other means without further cutting or fitting.
    - b. Align rails so variations from level or parallel alignment do not exceed 1/4 inch in 12 feet (1.6 mm per m).
    - c. Provide manufacturer's proprietary system to evacuate entrapped water in hollow sections of railing members that are exposed to exterior or to moisture from condensation or other sources, in order to prevent water from entering the concrete slab. In lieu of the manufacturer's proprietary system, if acceptable to the Architect, provide another means to evacuate the entrapped water, i.e., a weep hole and epoxy fill system ("drill-and-fill").
    - d. Anchor posts in concrete with pipe sleeves preset and anchored into concrete. After posts have been inserted into sleeves, solidly fill annular space between post and sleeve with non-metallic, non-shrink grout, mixed and placed to comply with anchoring material manufacturer's directions.
    - e. Anchor posts in concrete by forming or core drilling holes not less than 5 inches (127 mm) deep and 3/4 inch (19 mm) greater than outside diameter of post. Clean holes of loose material, insert posts, and fill annular space between post and concrete with non-metallic, non-shrink grout, mixed and placed to comply with anchoring material manufacturer's directions.
    - f. Leave anchorage joint exposed, wipe off surplus anchoring material, and leave 1/8 inch (3 mm) buildup, sloped away from post.
    - g. Corrosion Protection: Coat concealed surfaces of aluminum that will be in contact with grout, concrete, masonry, wood, or dissimilar metals, with a heavy coat of bituminous paint.
    - h. Adjusting: Adjust handrails and railings before anchoring to ensure alignment at abutting joint's space posts at interval indicated, but not less than required to achieve structural loads.
    - i. Fastening to In-Place Construction: Use anchorage devices and fasteners



where necessary for securing handrails and railings and for properly transferring loads to in-place construction.

- B. Non-Welded Railings Connections: Use mechanical joints for permanently connecting railing components. Use wood blocks and padding to prevent damage to railing members and fittings.
- C. Metal Interaction:
  - 1. When aluminum components come into contact with dissimilar metals, surfaces shall be kept from interacting through painting the dissimilar metal with a heavy coat of a proper primer. The use of plastic grommets and/or PVC sleeves is encouraged to prevent contact between stainless steel cables and aluminum hole edges.
  - 2. When aluminum components come into contact with cement or lime mortar, exposed aluminum surfaces shall be painted with water-white methacrylate lacquer.

### 3.4 ADJUSTING AND CLEANING

- A. Touch-Up Painting: Immediately after erection, and abraded areas of shop paint, and appoint exposed areas with same material.
- B. Passivation: Immediately after erection, spray passivation solution on stainless steel frame pieces and cables to restore protective layer. Use Boeshield T9 in marine environments for additional protection.
- C. Cleaning: Restore finishes damaged during installation and construction period so no evidence remains of correction work. Return items that cannot be refinished in field to shop; make required alterations and refinish entire unit, or provide new units.

### 3.5 PROTECTION

- A. Provide final protection and maintain conditions in a manner acceptable to the Installer that shall ensure that the aluminum handrails and railings shall be without damage at time of Substantial Completion.
- B. Protect finishes of handrails and railings from damage during construction period with temporary protective coverings approved by railing manufacturer. Remove protective coverings at the time of Substantial Completion.
- C. Protect stainless steel from corrosion and staining by applying passivation solution following installation and periodically thereafter. Use Boeshield T9 in addition to passivator in marine environments.
- D. Protect wood products from fading, checking, splitting, etc. with proper end grain sealant and oil treatment.

END OF SECTION

## SECTION 08 42 29

### SLIDING AUTOMATIC ENTRANCES

#### PART 1 - GENERAL

##### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

##### 1.2 SUMMARY

- A. Section Includes:

- 1. Sliding automatic entrances.

- B. Related Requirements:

- 1. Section 033000 "Cast-in-Place Concrete" for [installing recessed metal frames for control mats in concrete] [and] [forming recesses in concrete for recessed thresholds].
  - 2. Section 084243 "Intensive Care Unit/Critical Care Unit (ICU/CCU) Entrances" for swinging-sliding, manual ICU/CCU entrance door assemblies.
  - 3. Section 087113 "Automatic Door Operators" for automatic door operators furnished separately from doors and frames.

##### 1.3 DEFINITIONS

- A. AAADM: American Association of Automatic Door Manufacturers.
- B. Activation Device: A control that, when actuated, sends an electrical signal to the door operator to open the door.
- C. Safety Device: A control that, to avoid injury, prevents a door from opening or closing.
- D. For automatic door terminology, refer to BHMA A156.10 for definitions of terms.

##### 1.4 COORDINATION

- A. Coordinate sizes and locations of recesses in concrete floors for [recessed sliding tracks] [and] [recessed control mats] that control automatic entrances. Concrete, reinforcement, and formwork requirements are specified elsewhere.

- B. Templates: Distribute for doors, frames, and other work specified to be factory prepared for installing automatic entrances.
- C. Coordinate hardware with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish. Coordinate hardware for automatic entrances with hardware required for rest of Project.
- D. Electrical System Roughing-in: Coordinate layout and installation of automatic entrances with connections to power supplies[ and access-control system] [ and remote activation devices] [ and remote monitoring systems].
- E. System Integration: Integrate sliding automatic entrances with other systems as required for a complete working installation.
  - 1. Provide electrical interface control capability for activation of sliding automatic entrances by security access system on doors with electric locking.
  - 2. Provide electrical interface to deactivate door operators on activation of fire alarm system.
  - 3. Provide electrical interface to allow for remote monitoring of automatic entrance door panel status.

#### 1.5 PREINSTALLATION MEETINGS

- A. Preinstallation Conference: Conduct conference at [Project site] <Insert location>.

#### 1.6 ACTION SUBMITTALS

- A. Product Data: For each type of product.
  - 1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for automatic entrances.
  - 2. Include rated capacities, operating characteristics, electrical characteristics, and furnished specialties and accessories.
- B. Shop Drawings: For sliding automatic entrances.
  - 1. Include plans, elevations, sections, hardware mounting heights, and attachment details.
  - 2. Indicate dimensions, weights, loads, required clearances, method of field assembly, components, and location and size of each field connection.
  - 3. Include diagrams for power, signal, and control wiring.
  - 4. Indicate locations of activation and safety devices.
  - 5. Include hardware schedule and indicate hardware types, functions, quantities, and locations.
- C. Samples for Initial Selection: For units with factory-applied metal-clad finishes.
  - 1. Include Samples of hardware and accessories involving color or finish selection.

- D. Samples for Verification: For each type of exposed finish required, in manufacturer's standard sizes.

#### 1.7 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For Installer.
- B. Product Certificates: For each type of automatic entrance. Include emergency-exit features of automatic entrances serving as a required means of egress.
- C. Product Test Reports: For each type of automatic entrance, for tests performed by a qualified testing agency.
- D. Field quality-control reports.
- E. Sample Warranties: For manufacturer's special warranties.

#### 1.8 CLOSEOUT SUBMITTALS

- A. Operation and Maintenance Data: For automatic entrances, safety devices, and control systems to include in operation and maintenance manuals.

#### 1.9 QUALITY ASSURANCE

- A. Manufacturer Qualifications: A manufacturer with Company Certificate issued by AAADM indicating that manufacturer has a Certified Inspector on staff.
- B. Installer Qualifications: Manufacturer's authorized representative who is trained and approved for installation and maintenance of units required for this Project.
  - 1. Maintenance Proximity: Not more than two hours' normal travel time from Installer's place of business to Project site.
- C. Certified Inspector Qualifications: Certified by AAADM.

#### 1.10 WARRANTY

- A. Special Warranty: Manufacturer agrees to repair or replace components of automatic entrances that fail in materials or workmanship within specified warranty period.
  - 1. Failures include, but are not limited to, the following:
    - a. Structural failures including, but not limited to, excessive deflection.
    - b. Faulty operation of operators, controls, and hardware.
    - c. Deterioration of metals, metal finishes, and other materials beyond normal weathering and use.
  - 2. Warranty Period: Two years from date of Substantial Completion.

- B. Special Finish Warranty: Manufacturer agrees to repair or replace components on which finishes fail in materials or workmanship within specified warranty period.
  - 1. Deterioration includes, but is not limited to, the following:
    - a. Color fading more than 5 Hunter units when tested according to ASTM D2244.
    - b. Chalking in excess of a No. 8 rating when tested according to ASTM D4214.
    - c. Cracking, checking, peeling, or failure of paint to adhere to bare metal.
  - 2. Warranty Period: Five years from date of Substantial Completion.

## PART 2 - PRODUCTS

### 2.1 AUTOMATIC ENTRANCE ASSEMBLIES

- A. Source Limitations: Obtain sliding folding automatic entrances from single source from single manufacturer.
- B. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.
- C. Power-Operated Door Standard: BHMA A156.10.

### 2.2 PERFORMANCE REQUIREMENTS

- A. Structural Performance: Automatic entrances shall withstand the effects of gravity loads and the following loads and stresses within limits and under conditions indicated according to ASCE/SEI 7.
  - 1. Seismic Loads: Refer to Structural Drawings.
  - 2. Wind Loads: Refer to Structural Drawings
- B. Thermal Movements: Allow for thermal movements from ambient and surface temperature changes.
  - 1. Temperature Change: 120 deg F (67 deg C), ambient; 180 deg F (100 deg C), material surfaces.
- C. Operating Temperature Range: Automatic entrances shall operate within minus 20 to plus 122 deg F
- D. Air Infiltration: Maximum air leakage through fixed glazing and framing areas of 1.25 cfm/sq. ft. of fixed entrance-system area when tested according to ASTM E283 at a minimum static-air-pressure difference of 1.57 lbf/sq. ft..
- E. Opening Force:

1. Power-Operated Doors: Not more than 50 lbf (222 N) required to manually set door in motion if power fails, and not more than 15 lbf (67 N) required to open door to minimum required width.
2. Breakaway Device for Power-Operated Doors: Not more than 50 lbf (222 N) required for a breakaway door or panel to open.

F. Entrapment-Prevention Force:

1. Power-Operated Sliding Doors: Not more than 30 lbf (133 N) required to prevent stopped door from closing.

## 2.3 SLIDING AUTOMATIC ENTRANCES

A. General: Provide manufacturer's standard automatic entrances, including doors, sidelites, framing, headers, carrier assemblies, roller tracks, door operators, controls, and accessories required for a complete installation.

B. Sliding Automatic Entrance

1. Biparting Sliding Units:

- a. NABCO GT1175 Series
- b. Approved Equal

2. Operator Features:

- a. Power opening and closing.
- b. Drive System: Chain or belt.
- c. Adjustable opening and closing speeds.
- d. Adjustable hold-open time between zero and 30 seconds.
- e. Obstruction recycle.
- f. On-off/hold-open switch to control electric power to operator

3. Sliding-Door Carrier Assemblies and Overhead Roller Tracks: Carrier assembly that allows vertical adjustment; consisting of nylon- or delrin-covered, ball-bearing-center steel wheels operating on a continuous roller track, or ball-bearing-center steel wheels operating on a nylon- or delrin-covered, continuous roller track. Support doors from carrier assembly by cantilever and pivot assembly.

- a. Rollers: Minimum of two ball-bearing roller wheels and two antirise rollers for each active leaf.

4. Sliding-Door Threshold: Threshold members and bottom-guide-track system with stainless steel, ball-bearing-center roller wheels.

- a. Configuration, Threshold: Saddle-type threshold across door opening and recessed guide-track system at sidelites.

5. Controls: Activation and safety devices according to BHMA standards.

- a. Activation Device, Motion Sensor: Mounted on each side of door header to detect pedestrians in activating zone and to open door.
  - b. oor to detect pedestrians in activating zone and to open door.
  - c. Safety Device, Photoelectric Beams: Two photoelectric beams mounted in sidelite jambs on each side of door to detect pedestrians in presence zone and to prevent door from closing.
  - d. Sidelite Safety Device: Presence sensor, mounted above each sidelite on side of door opening through which doors travel, to detect obstructions and to prevent door from opening.
6. Finish: Finish framing, door(s), and header with finish matching adjacent storefront.

## 2.4 ENTRANCE COMPONENTS

- A. Framing Members: Extruded aluminum, minimum 0.125 inch (3.2 mm) thick and reinforced as required to support imposed loads.
  - 1. Nominal Size: 1-3/4 by 4-1/2 inches (45 by 115 mm)
  - 2. Extruded Glazing Stops and Applied Trim: Minimum 0.062-inch (1.6-mm) wall thickness.
- B. Stile and Rail Doors: 1-3/4-inch-thick, glazed doors with minimum 0.125-inch-thick, extruded-aluminum tubular stile and rail members. Mechanically fasten corners with reinforcing brackets that are welded, or incorporate concealed tie-rods that span full length of top and bottom rails.
  - 1. Glazing Stops and Gaskets: Square, snap-on, extruded-aluminum stops and preformed gaskets.
  - 2. Stile Design: Narrow stile, 2-1/8-in. nominal width].
  - 3. Rail Design: 5-inch (125-mm) nominal height]
- C. Sidelite(s) 1-3/4-inch- (45-mm-) deep sidelite(s) with minimum 0.125-inch- (3.2-mm-) thick, extruded-aluminum tubular stile and rail members matching door design.
  - 1. Glazing Stops and Gaskets: Same materials and design as for stile and rail door
- D. Headers: Fabricated from minimum 0.125-inch- (3.2-mm-) thick extruded aluminum and extending full width of automatic entrance units to conceal door operators and controls. Provide hinged or removable access panels for service and adjustment of door operators and controls. Secure panels to prevent unauthorized access.
  - 1. Mounting: Concealed, with one side of header flush with framing].
  - 2. Capacity: Capable of supporting doors of up to 175 lb (79 kg) per leaf over spans of up to 14 feet without intermediate supports.
    - a. Provide sag rods for spans exceeding 14 feet (4.3 m).
- E. Brackets and Reinforcements: High-strength aluminum with nonstaining, nonferrous shims for aligning system components.

- F. Signage: As required by cited BHMA standard.
  - 1. Application Process: Door manufacturer's standard process

## 2.5 MATERIALS

- A. Aluminum: Alloy and temper recommended by manufacturer for type of use and finish indicated.
  - 1. Extrusions: ASTM B221 (ASTM B221M).
  - 2. Sheet: ASTM B209 (ASTM B209M).
- B. Steel Reinforcement: Reinforcement with corrosion-resistant primer complying with SSPC-PS Guide No. 12.00 applied immediately after surface preparation and pretreatment. Use surface preparation methods according to recommendations in SSPC-SP COM and prepare surfaces according to applicable SSPC standard.
- C. Stainless Steel Bars: ASTM A276/A276M or ASTM A666.
- D. Stainless Steel Tubing: ASTM A554.
- E. Glazing: As specified in Section 088000 "Glazing."
- F. Sealants and Joint Fillers: As specified in Section 079200 "Joint Sealants."
- G. Nonmetallic, Shrinkage-Resistant Grout: Premixed, nonmetallic, noncorrosive, nonstaining grout; complying with ASTM C1107/C1107M; of consistency suitable for application.
- H. Bituminous Coating: Cold-applied asphalt emulsion complying with ASTM D1187/D1187M.
- I. Fasteners and Accessories: Corrosion-resistant, nonstaining, nonbleeding fasteners and accessories compatible with adjacent materials.

## 2.6 DOOR OPERATORS AND CONTROLS

- A. General: Provide operators and controls, which include activation and safety devices, according to BHMA standards, for condition of exposure, and for long-term, maintenance-free operation under normal traffic load for type of occupancy indicated.
- B. Door Operators: Provide door operators of size recommended by manufacturer for door size, weight, and movement.
  - 1. Door Operator Performance: Door operators shall open and close doors and maintain them in fully closed position when subjected to Project's design wind loads.
  - 2. Electromechanical Operators: Concealed, self-contained, overhead units powered by fractional-horsepower, permanent-magnet dc motor; with closing



speed controlled mechanically by gear train and dynamically by braking action of electric motor; with solid-state microprocessor controller; complying with UL 325; and with manual operation with power off.

- C. Motion Sensors: Self-contained, K-band-frequency, microwave-scanner units; fully enclosed by their plastic housings; adjustable to provide detection-field sizes and functions required by BHMA A156.10.
  - 1. Provide capability for switching between bi- and unidirectional detection.
  - 2. For one-way traffic, sensor on egress side shall not be active when doors are fully closed.
- D. Photoelectric Beams: Pulsed infrared, sender-receiver assembly for recessed mounting. Beams shall not be active when doors are fully closed.

## 2.7 HARDWARE

- A. General: Provide units in sizes and types recommended by automatic entrance and hardware manufacturers for entrances and uses indicated. Finish exposed parts to match door finish.
- B. Breakaway Device for Power-Operated Doors: Device that allows door to swing out in direction of egress to full 90 degrees from any operating position. Maximum force to open door shall be as stipulated in "Performance Requirements" Article. Interrupt powered operation of door operator while in breakaway mode.
  - 1. Include one adjustable detent device mounted at the top of each breakaway panel to control breakaway force.
    - a. Panel Closer: Factory-installed concealed hydraulic door closer.
    - b. Limit Arms: Limit swing to 90 degrees, spring loaded with adjustable friction damping.
- C. Automatic Locking: Electrically controlled device mounted in header that automatically locks sliding door in closed position, preventing door panels from sliding manually.
  - 1. Power Interruption: Lock shall be disengaged, allowing doors to slide manually.
  - 2. Means of Egress: Standard breakaway feature.
  - 3. Sliding Type: AAMA 701/702, made of wool, polypropylene, or nylon woven pile with nylon-fabric or aluminum-strip backing.

## 2.8 ACCESSORIES

- A. Guide Rails:
  - 1. Anodized aluminum, fabricated from bars, minimum 36 inches high, and finished to match doors unless otherwise indicated; positioned and projecting from face of

door jamb for distance as indicated Retain first subparagraph below if required; delete if shown on Drawings.

- a. Aluminum Finish: Finish matching door and frame

## 2.9 FABRICATION

- A. General: Factory fabricate automatic entrance components to designs, sizes, and thicknesses indicated and to comply with indicated standards.
  1. Form aluminum shapes before finishing.
  2. Weld in concealed locations to greatest extent possible to minimize distortion or discoloration of finish. Remove weld spatter and welding oxides from exposed surfaces by descaling or grinding.
  3. Use concealed fasteners to greatest extent possible. Where exposed fasteners are required, use countersunk Phillips flat-head machine screws finished to match framing
    - a. Where fasteners are subject to loosening or turning out from thermal and structural movements, wind loads, or vibration, use self-locking devices.
    - b. Reinforce members as required to receive fastener threads.
  4. Where aluminum will contact dissimilar metals, protect against galvanic action by painting contact surfaces with primer or by applying sealant or tape recommended by manufacturer for this purpose.
- B. Framing: Provide automatic entrances as prefabricated assemblies. Complete fabrication, assembly, finishing, hardware application, and other work before shipment to Project site.
  1. Fabricate tubular and channel frame assemblies with welded or mechanical joints. Provide subframes and reinforcement as required for a complete system to support required loads.
  2. Perform fabrication operations in manner that prevents damage to exposed finish surfaces.
  3. Form profiles that are sharp, straight, and free of defects or deformations.
  4. Provide components with concealed fasteners and anchor and connection devices.
  5. Fabricate components with accurately fitted joints, with ends coped or mitered to produce hairline joints free of burrs and distortion.
  6. Fabricate exterior components to drain water passing joints, condensation occurring within framing members, and moisture migrating within system to exterior. Provide anchorage and alignment brackets for concealed support of assembly from building structure.
  7. Allow for thermal expansion of exterior units.
- C. Doors: Factory fabricated and assembled in profiles indicated. Reinforce as required to support imposed loads and for installing hardware.
- D. Door Operators: Factory fabricated and installed in headers, including adjusting and testing.

- E. Glazing: Fabricate framing with minimum glazing edge clearances for thickness and type of glazing indicated, according to GANA's "Glazing Manual."
- F. Hardware: Factory install hardware to greatest extent possible; remove only as required for final finishing operation and for delivery to and installation at Project site. Cut, drill, and tap for factory-installed hardware before applying finishes.
  - 1. Provide sliding-type weather stripping, mortised into door, at perimeter of doors.
- G. Controls:
  - 1. General: Factory install activation and safety devices in doors and headers as required by BHMA A156.10 for type of door and direction of travel.
  - 2. Install photoelectric beams in vertical jambs of sidelites, with dimension above finished floor as follows:
    - a. Top Beam: [48 inches (1219 mm)] <Insert dimension>.
    - b. Bottom Beam: [24 inches (610 mm)] <Insert dimension>.

## 2.10 GENERAL FINISH REQUIREMENTS

- A. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.
- B. Apply organic and anodic finishes to formed metal after fabrication unless otherwise indicated.
- C. Appearance of Finished Work: Noticeable variations in same piece are unacceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

## 2.11 ALUMINUM FINISHES

- A. Clear Anodic Finish: AAMA 611, [AA-M12C22A41, Class I, 0.018 mm] [AA-M12C22A31, Class II, 0.010 mm] or thicker.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Examine conditions, with Installer present, for compliance with requirements for installation tolerances, header support, and other conditions affecting performance of automatic entrances.
- B. Examine roughing-in for electrical systems to verify actual locations of power connections before automatic entrance installation.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

## 3.2 INSTALLATION

- A. General: Install automatic entrances according to manufacturer's written instructions and cited BHMA A156.10 for direction of pedestrian travel, including signage, controls, wiring, and connection to the building's power supply.
  - 1. Do not install damaged components. Fit frame joints to produce hairline joints free of burrs and distortion. Rigidly secure nonmovement joints. Seal joints watertight.
  - 2. Where aluminum will contact dissimilar metals, protect against galvanic action by painting contact surfaces with primer or by applying sealant or tape recommended by manufacturer for this purpose.
  - 3. Where aluminum will contact concrete or masonry, protect against corrosion by painting contact surfaces with bituminous coating.
- B. Entrances: Install automatic entrances plumb and true in alignment with established lines and grades without warp or rack of framing members and doors. Anchor securely in place.
  - 1. Install surface-mounted hardware using concealed fasteners to greatest extent possible.
  - 2. Set headers, carrier assemblies, tracks, operating brackets, and guides level and true to location with anchorage for permanent support.
  - 3. Install components to drain water passing joints, condensation occurring within framing members, and moisture migrating within system to exterior.
  - 4. Level recesses for recessed thresholds using nonshrink grout.
- C. Door Operators: Connect door operators to electrical power distribution system.
- D. Controls: Install and adjust activation and safety devices according to manufacturer's written instructions and cited BHMA standard for direction of pedestrian travel.
- E. Guide Rails: Install rails according to BHMA A156.10, including Appendix A, and manufacturer's written instructions unless otherwise indicated.
- F. Glazing: Install glazing as specified in Section 088000 "Glazing."
- G. Sealants: Comply with requirements specified in Section 079200 "Joint Sealants" to provide weathertight installation.
  - 1. Set thresholds, bottom-guide-track system, framing members and flashings in full sealant bed.
  - 2. Seal perimeter of framing members with sealant.
- H. Signage: Apply signage on both sides of each door as required by cited BHMA standard for direction of pedestrian travel.
- I. Wiring within Automatic Entrance Enclosures: Bundle, lace, and train conductors to terminal points with no excess and without exceeding manufacturer's written limitations on bending radii. Provide and use lacing bars and distribution spools.

### 3.3 FIELD QUALITY CONTROL

- A. Perform the following tests and inspections with the assistance of a factory-authorized service representative:
  - 1. Test and inspect each automatic entrance, using AAADM inspection forms, to determine compliance of installed systems with applicable BHMA standards.
- B. Automatic entrances will be considered defective if they do not pass tests and inspections.
- C. Prepare test and inspection reports.

### 3.4 ADJUSTING

- A. Adjust hardware, moving parts, door operators, and controls to function smoothly, and lubricate as recommended by manufacturer; comply with requirements of applicable BHMA standards.
  - 1. Adjust exterior doors for tight closure.
- B. Readjust door operators and controls after repeated operation of completed installation equivalent to three days' use by normal traffic (100 to 300 cycles).
- C. Occupancy Adjustments: When requested within 12 months of date of Substantial Completion, provide on-site assistance in adjusting system to suit actual occupied conditions. Provide up to two visits to Project during other-than-normal occupancy hours for this purpose.

### 3.5 CLEANING

- A. Clean glass and metal surfaces promptly after installation. Remove excess glazing and sealant compounds, dirt, and other substances. Repair damaged finish to match original finish.
  - 1. Comply with requirements in Section 088000 "Glazing" for cleaning and maintaining glass.

### 3.6 MAINTENANCE SERVICE

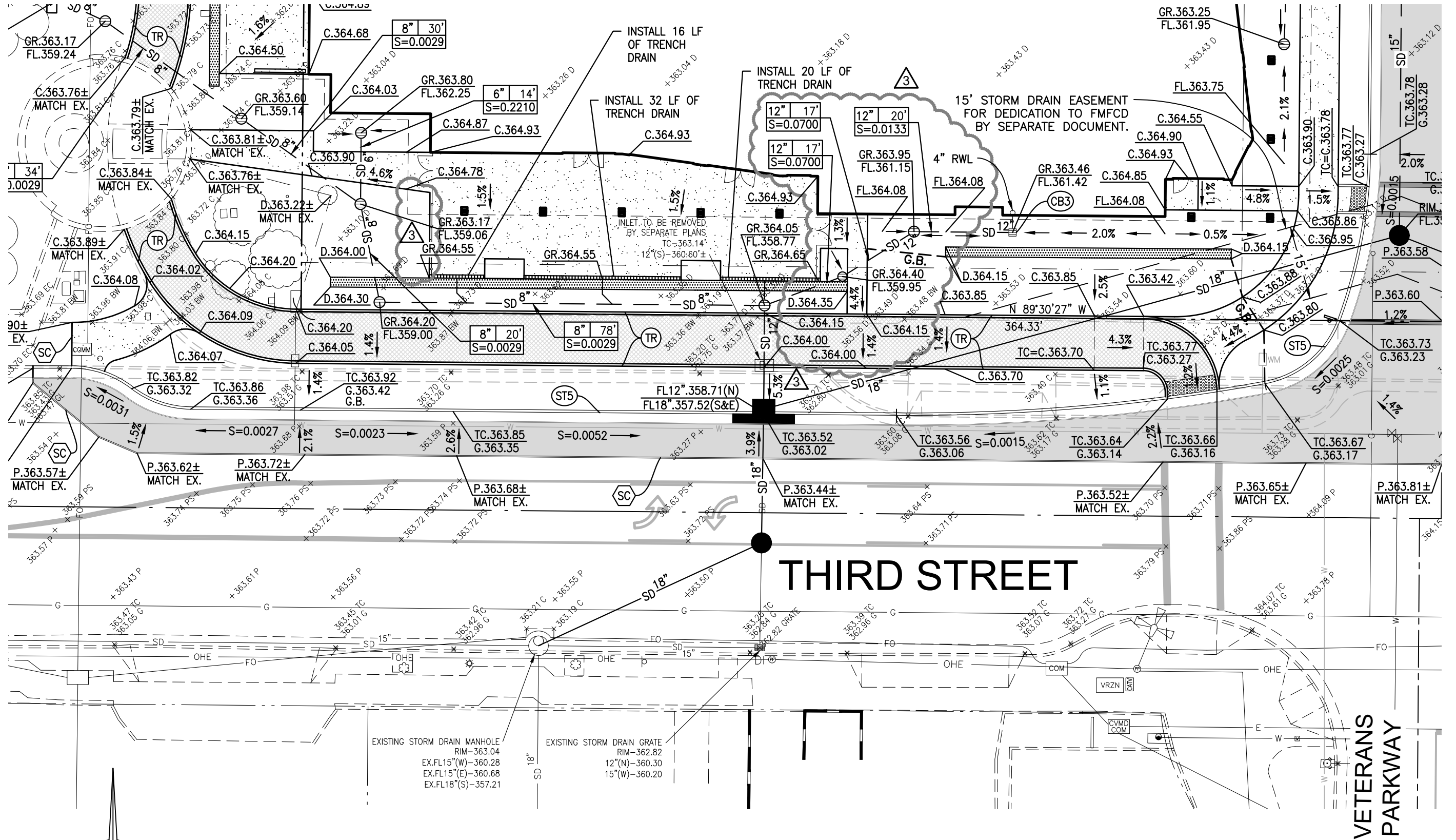
- A. Initial Maintenance Service: Beginning at Substantial Completion, maintenance service shall include 12 months' full maintenance by skilled employees of automatic entrance Installer. Include monthly preventive maintenance, repair or replacement of worn or defective components, lubrication, cleaning, and adjusting as required for proper automatic entrance operation. Parts and supplies shall be manufacturer's authorized replacement parts and supplies.

1. Engage a Certified Inspector to perform safety inspection after each adjustment or repair and at end of maintenance period. Furnish completed inspection reports to Owner.
2. Perform maintenance, including emergency callback service, during normal working hours.
3. Include 24-hour-per-day, 7-day-per-week emergency callback service.

3.7 DEMONSTRATION

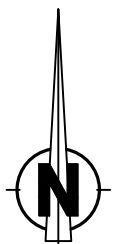
- A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain automatic entrances.

END OF SECTION 084229

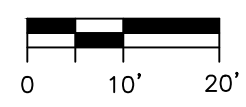


# THIRD STREET

# VETERANS PARKWAY



SCALE: 1" = 20'



EXISTING STORM DRAIN MANHOLE  
RIM - 363.04  
EX.FL15"(W) - 360.28  
EX.FL15"(E) - 360.68  
EX.FL18"(S) - 357.21

EXISTING STORM DRAIN GRATE  
RIM - 362.82  
12"(N) - 360.30  
15"(W) - 360.20

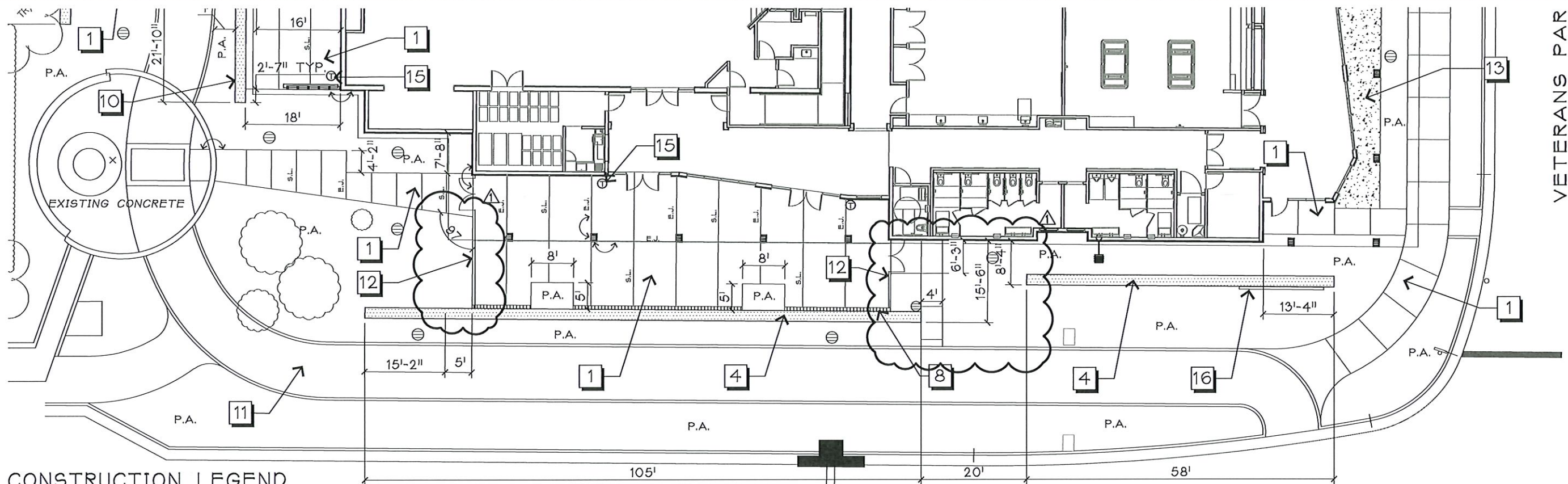
## Landmark Square Addendum #2



**Harbour & Associates**  
Civil Engineers  
389 Clovis Avenue, Suite 300 • Clovis, California 93612  
(559) 325-7676 • Fax (559) 325-7699 • e-mail ha\_ce@mnsr.com

**ADDENDUM #2**  
REVISIONS TO PATIO EXIT WALKS & GATES  
10-27-20 J.S.

SCALE:  
1"=20'  
DATE:  
10-27-20

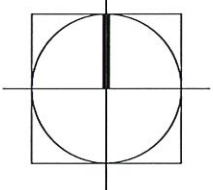


**CONSTRUCTION LEGEND**

DET/SHT	SYM.	DESCRIPTION
A/18	1	PEDESTRIAN CONCRETE; COLOR: NATURAL, MEDIUM BROOM FINISH, SCORE AS SHOWN
B/18	2	METAL TRELLIS
E/18	3	P.I.P. SEAT WALL - 18" HT.
D/18	4	P.I.P. WALL - 42" HT.
C/18	5	CONCRETE STEPS WITH HANDRAILS
	6	RELOCATED SHADE STRUCTURE
	7	WAYFINDING SIGN, BY OTHERS
	8	LINEAR DRAIN (4" WIDTH), SEE CIVIL PLAN
A/23	9	DG WITH CURB @ TREE WELL, CORLOR: CALIFORNIA GOLD
H/18	10	P.I.P. SEAT WALL @ ELEV. CHANGE
	11	NEW ASPHALT TRAIL - SEE CIVIL PLAN
	12	CABLE FENCE WITH GATE, BY ARCHITECT
F/18	13	3/8" CRUSHED ROCK, COLOR: CALI GOLD, BY CLOVIS STONE <a href="http://www.clovisstone.net">www.clovisstone.net</a>
	14	(2) BIKE RACK, MODEL: BRH, COLOR: BLACK, BY KINGS RIVER CASTING <a href="http://www.kingriverscasting.com">www.kingriverscasting.com</a>
	15	(9) TRASH RECEPTACLES, MODEL: 287-32, COLOR: TEXTURED GREY, BY DUMOR <a href="http://www.dumor.com">www.dumor.com</a>
	16	PROJECT SIGNAGE - VERIFY LOCATION, MATERIALS AND FONT WITH OWNER
	17	(8) BENCHES, MODEL: IVBBC 72, COLOR: BLACK, BY KINGS RIVER CASTING <a href="http://www.kingriverscasting.com">www.kingriverscasting.com</a>



3RD STREET



NORTH



SCALE: 1"=20'

▲ REVISED WALKWAY AND GATE LOCATION  
 ○ REMOVED WALKWAY



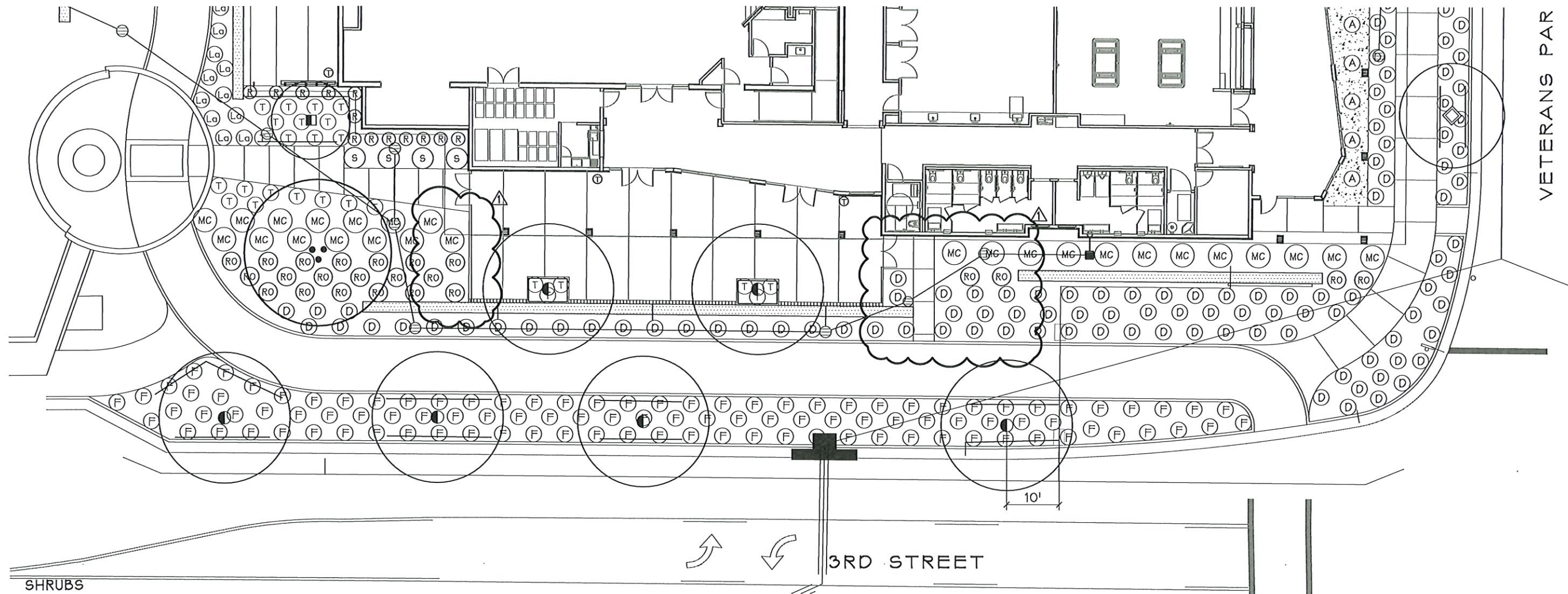
**BROUSSARD ASSOCIATES**  
 landscape architects  
 389 Clovis Ave., Suite 200  
 Clovis, CA 93612  
 T 559.325.7284  
 F 559.325.7286

REVISIONS	
DATE	APPROVED
10-28-20	

<b>CITY OF CLOVIS</b>		<b>PLANNING AND DEVELOPMENT SERVICES</b>
PROJECT TITLE LANDMARK SQUARE		PROJECT NO. CIP 15-03
SHEET DESCRIPTION ADDENDUM #2		SHEET NO. 1 OF 3







**SHRUBS**

A	5 GAL	AGAVE DESERTI / DESERT AGAVE	AS SHOWN	LOW	19
C	1 GAL	CYRTOMIUM FALCATUM / HOLLY FERN	AS SHOWN	MED	66
D	1 GAL	DIANELLA R. 'COOL VISTA' / DIANELLA COOL VISTA	AS SHOWN	LOW	374
E	1 GAL	EUONYMUS JAPONICUS / DIANELLA COOL VISTA	AS SHOWN	LOW	58
F	1 GAL	FESTUCA MAIREI / ATLAS FESCUE	AS SHOWN	LOW	133
H	5 GAL	HESPERALOE PARVIFLORA / RED YUCCA	AS SHOWN	LOW	19
La	1 GAL	LANTANA X 'NEW GOLD' / NEW GOLD LANTANA	AS SHOWN	MED	21
L	5 GAL	LAURUS NOBILIS 'COLUMNAR' / SWEET BAY LAUREL	AS SHOWN	LOW	60
Mc	1 GAL	MUHLENBERGIA CAPILLARIS / PINK MUHLY	AS SHOWN	LOW	49
Mu	1 GAL	MUHLENBERGIA DURBA / PINE MUHLY GRASS	AS SHOWN	LOW	48
RO	5 GAL	ROSA 'ICEBERG' / ICEBERG ROSE	AS SHOWN	MED	74
R	5 GAL	ROSMARINUS 'TUSCAN BLUE' / ROSEMARY	AS SHOWN	LOW	58
S	5 GAL	SALVIA LEUCANTHA / MEXICAN BUSH SAGE	AS SHOWN	LOW	21
T	1 GAL	TEUCRIUM CHAMAEDRYD / WALL GERMANDER	AS SHOWN	LOW	

▲ REVISED WALKWAY AND GATE LOCATION  
 REMOVED WALKWAY  
 PLANT COUNTS ADJUSTED FOR REVISION



**BROUSSARD ASSOCIATES**  
 landscape architects  
 389 Clovis Ave., Suite 200  
 Clovis, CA 93612  
 T 559.325.7284  
 F 559.325.7286

**REVISIONS**

DATE	APPROVED
▲ 10-28-20	
▲	
▲	
▲	
▲	
▲	
▲	

**CITY OF CLOVIS**

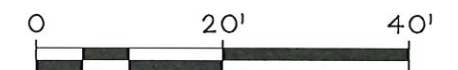
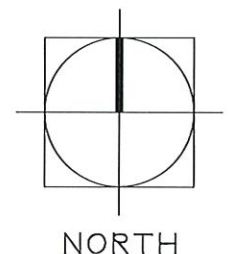
**PLANNING AND DEVELOPMENT SERVICES**

PROJECT TITLE  
 LANDMARK SQUARE

PROJECT NO.  
 CIP 15-03

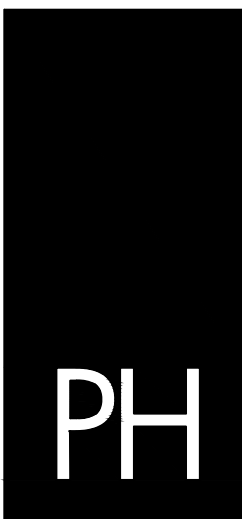
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 ADDENDUM #2

SHEET NO.  
 3 OF 3

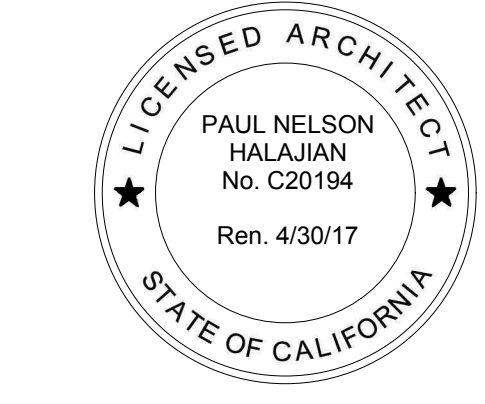


SCALE: 1"=20'





**PAUL HALAJIAN ARCHITECTS**  
 389 Clovis Ave, Suite 200  
 Clovis, CA 93612-1185  
 T: 559.237.7900 F: 559.237.9750  
 www.halajianarch.com



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**ROOF FRAMING NOTES**

- REFER TO GENERAL NOTES ON S100
- | TYP. DETAIL | DESCRIPTION                       |
|-------------|-----------------------------------|
| 1/S102      | PLYWOOD SHEARWALL SCHEDULE        |
| 2/S102      | TYP STUD WALL CONSTRUCTION        |
| 3/S102      | TYP NOTCH OR HOLE IN STUD WALLS   |
| 4/S102      | TYP SHEARWALL INTERSECTION        |
| 5/S102      | TYP WALL INTERSECTION             |
| 6/S102      | TYP TOP OF NON-BEARING WALL       |
| 9/S102      | PLYWOOD ROOF SHEATHING            |
| 7/S102      | PLATE SPURCE SCHEDULE             |
| 8/S102      | TYP NOTCH OR HOLE IN JOIST/LUMBER |
- ALL ROOF FRAMING SPACES AS SHOWN ON PLANS ARE TO BE MEASURED ON SLOPE OF ROOF.
- CONTRACTOR SHALL VERIFY SPRINKLER LINE LAYOUT AND PROVIDE FOR ADDITIONAL FRAMING AS REQUIRED FOR PROPER SUPPORT.
- CONTRACTOR SHALL VERIFY AND COORDINATE THE WEIGHTS AND LOCATIONS OF ALL ROOF SUPPORTED MECHANICAL AND ELECTRICAL UNITS WITH FRAMING PROVIDED FOR SUPPORT.
- APPROVED TRUSS DRAWINGS MUST BE ON JOB SITE FOR INSPECTION PURPOSES.
- ALL STRUTS SHALL BE INSTALLED PRIOR TO ROOF SHEATHING.
- REPRESENTS DIRECTION OF DOWNWARD SLOPE.
- SEE GEN. NOTE S100 & BEAM SCHEDULE FOR GLU-LAM BEAM GRADE & COMBINATION INFO.
- C = GLU-LAM OR STEEL BEAM CAMBER
- ALL POST TO BEAM CONNECTIONS SHALL HAVE SIMPSON PC OR EPC CONNECTIONS, UNLESS DETAILED OTHERWISE.
- C = BEAM CONTINUOUS OVER COLUMN (MULTIPLE - SPAN OR CANTILEVER)
- REPRESENTS WOOD POST
- REPRESENTS STEEL COLUMN

**LOW ROOF CONSTRUCTION SCHEDULE**

INTERIOR ROOF	1/2" ROOFING / INSULATION BOARD - OVER 1/2" CDX PLYWD. SHTG. - TYPE 'A' - ROOF FRAMING
EXTERIOR ROOF & INTERIOR EXPOSED ROOF	1/2" ROOFING / INSULATION BOARD - OVER 1/2" CDX PLYWD. SHTG. - TYPE 'C' - ROOF FRAMING

NOTE: SEE SHEET S302 FOR ROOF SHTG. & DECKING RMTS.

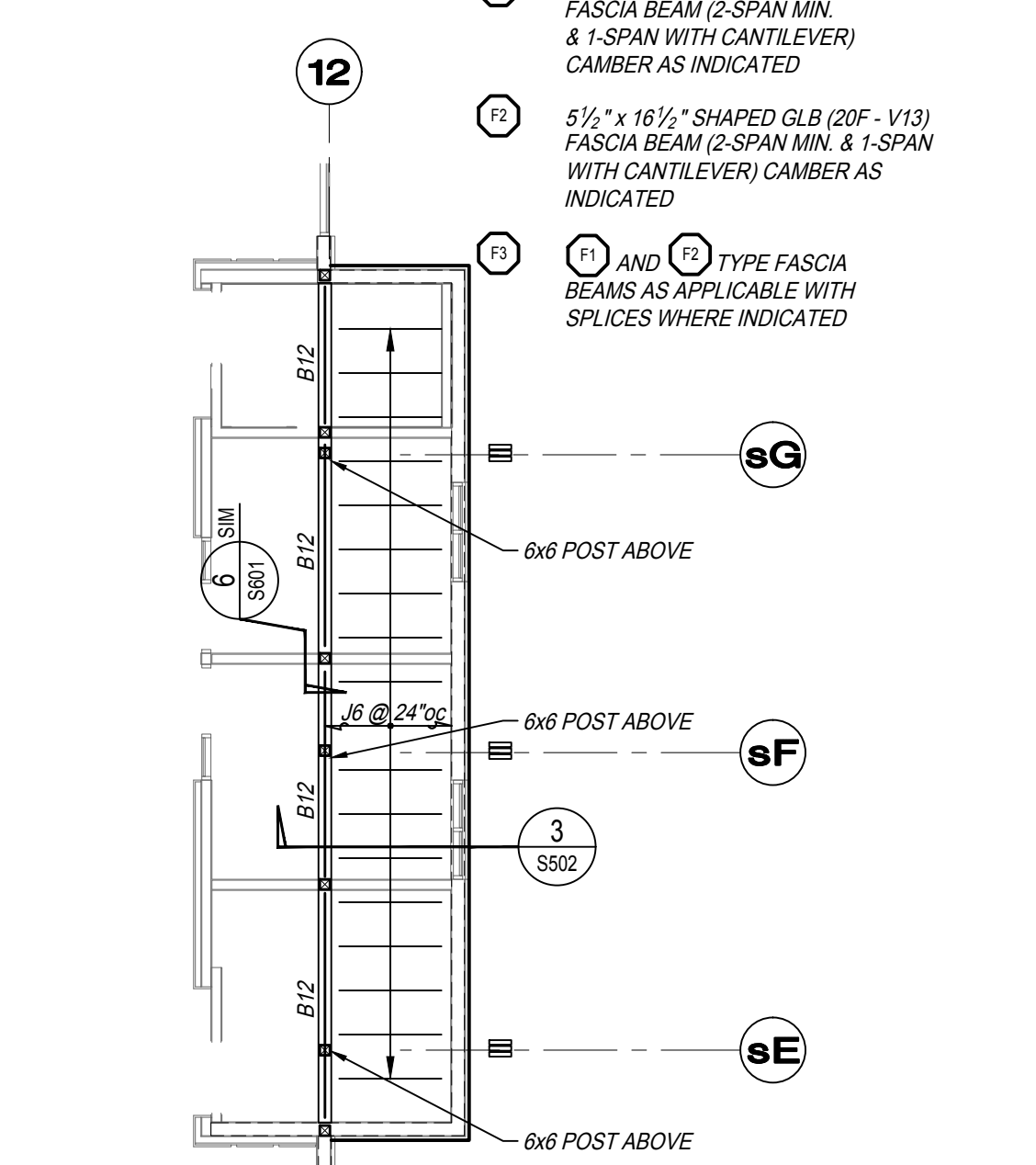
**JOIST SCHEDULE**

TYP.	DESCRIPTION
J1	1 1/2" JOIST
J2	1 1/2" JOIST
J3	1 1/2" JOIST
J4	3 1/2" x 11 1/4" PSL (2-SPAN)
J5	2x8
J6	2x10
J7	3 1/2" x 11 1/4" PSL @ 48" o.c.
J8	4x8

**BEAM SCHEDULE**

TYP.	DESCRIPTION
B1	4x12
B2	6x10
B3	6x12
B4	3 1/2" x 11 1/4" PSL
B5	3 1/2" x 14" PSL
B6	3 1/2" x 16" PSL
B7	5 1/2" x 12" GLB
B8	5 1/2" x 15" GLB
B9	5 1/2" x 16 1/2" GLB 20F-V13
B10	5 1/2" x 21" GLB
B11	5 1/2" x 24" GLB 20F-V13
B12	6 1/2" x 12" GLB
B13	W10x12
B14	W12x19
B15	W10x28
B16	W18x35
B17	W24x55
B18	HSS 10x4x3/8
B19	CBx11.5
B20	5 1/2" x 33" GLB 20F-V13
G1	W36x135 - BENT SEE WIS408
G2	W36x135 - BENT SEE XIS408 & YS408

NOTE: ALL GLU-LAM BEAMS SHALL BE OF THE FOLLOWING COMBINATION U.O.C.:  
 24F-V4 AT SINGLE SPAN CONDITIONS  
 24F-V8 AT CANTILEVER AND MULTIPLE SPAN CONDITIONS



**LOW ROOF FRAMING PLAN**  
 SCALE: 1/8" = 1'-0"



**PARRISH HANSEN**  
 STRUCTURAL ENGINEERS  
 A Division of Provest & Pritchard Consulting Group  
 418 Clovis Ave. Clovis, CA 93612  
 Phone 559.923.1023 Fax 559.323.8090  
 WWW.PARRISH-HANSEN.COM

**THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION UNLESS IT BEARS THE STAMPS AND SIGNATURES OF THE ARCHITECT AND ENGINEER AND THE APPROVAL STAMP OF THE JURISDICTIONAL BUILDING DEPARTMENT**

PROJECT: **City of Clovis Senior Activity Center and Transit Center**  
 735 Third Street  
 Clovis, CA 93612  
 SHEET: SENIOR ACTIVITY CENTER - ROOF FRAMING PLAN

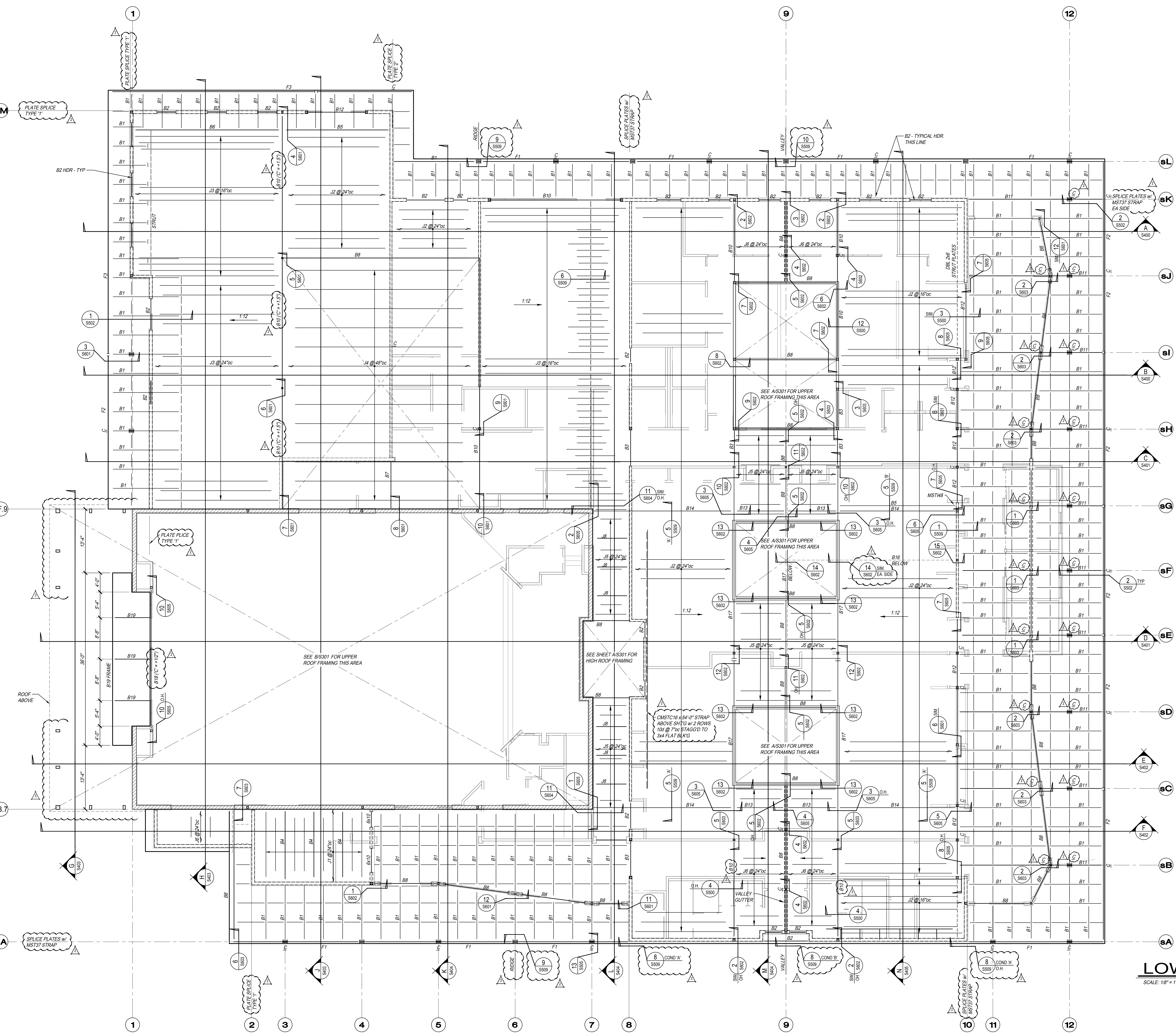
DRAWING SET INFORMATION:

06/19/2020	Plan Check Submittal
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REVISIONS:

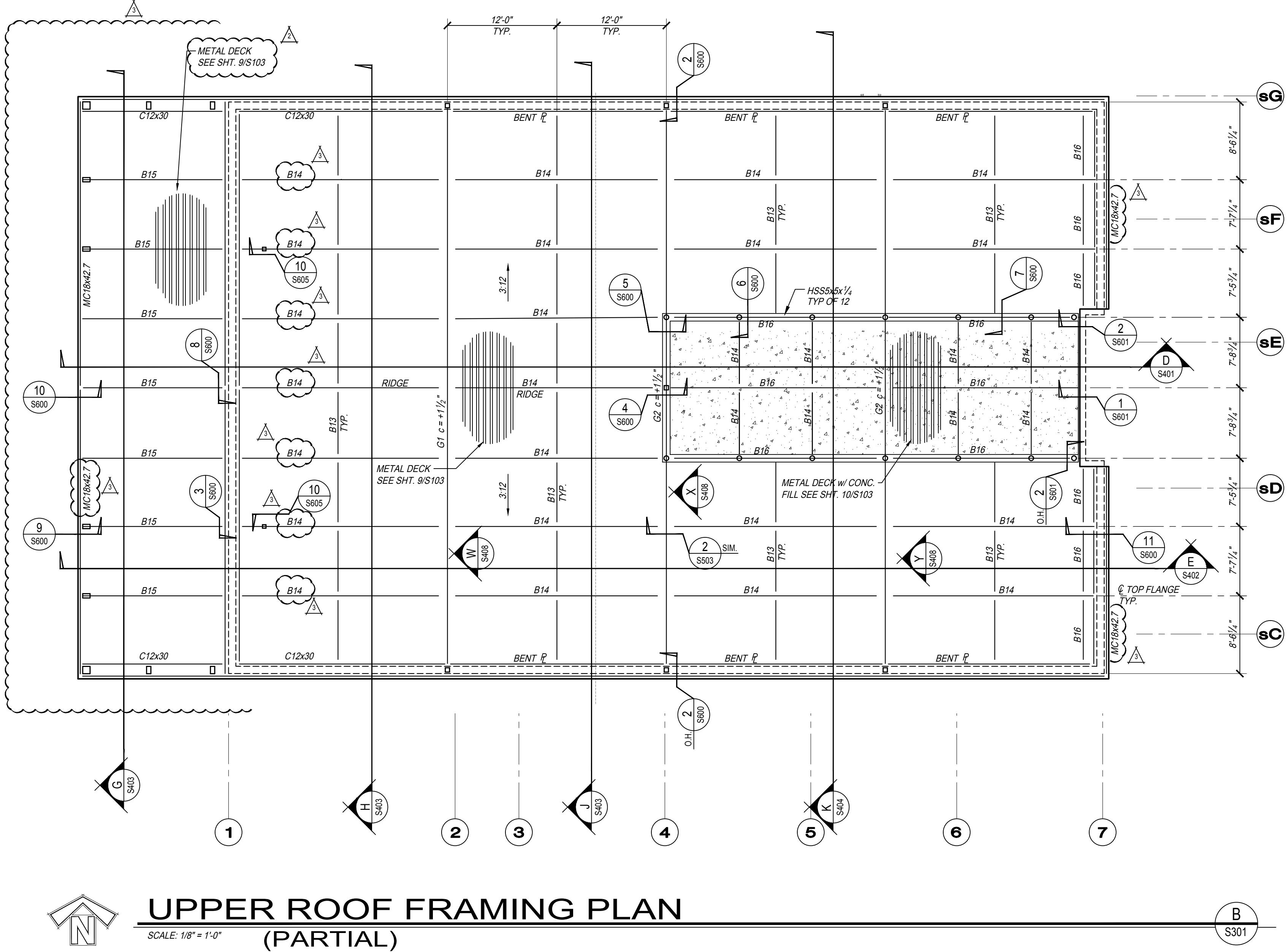
8/12/2020	Plan Check Revisions
10/8/2020	Addendum 1
10/28/2020	Addendum 2

PROJECT NUMBER: 17044.1  
 SHEET NUMBER: AD2 S300



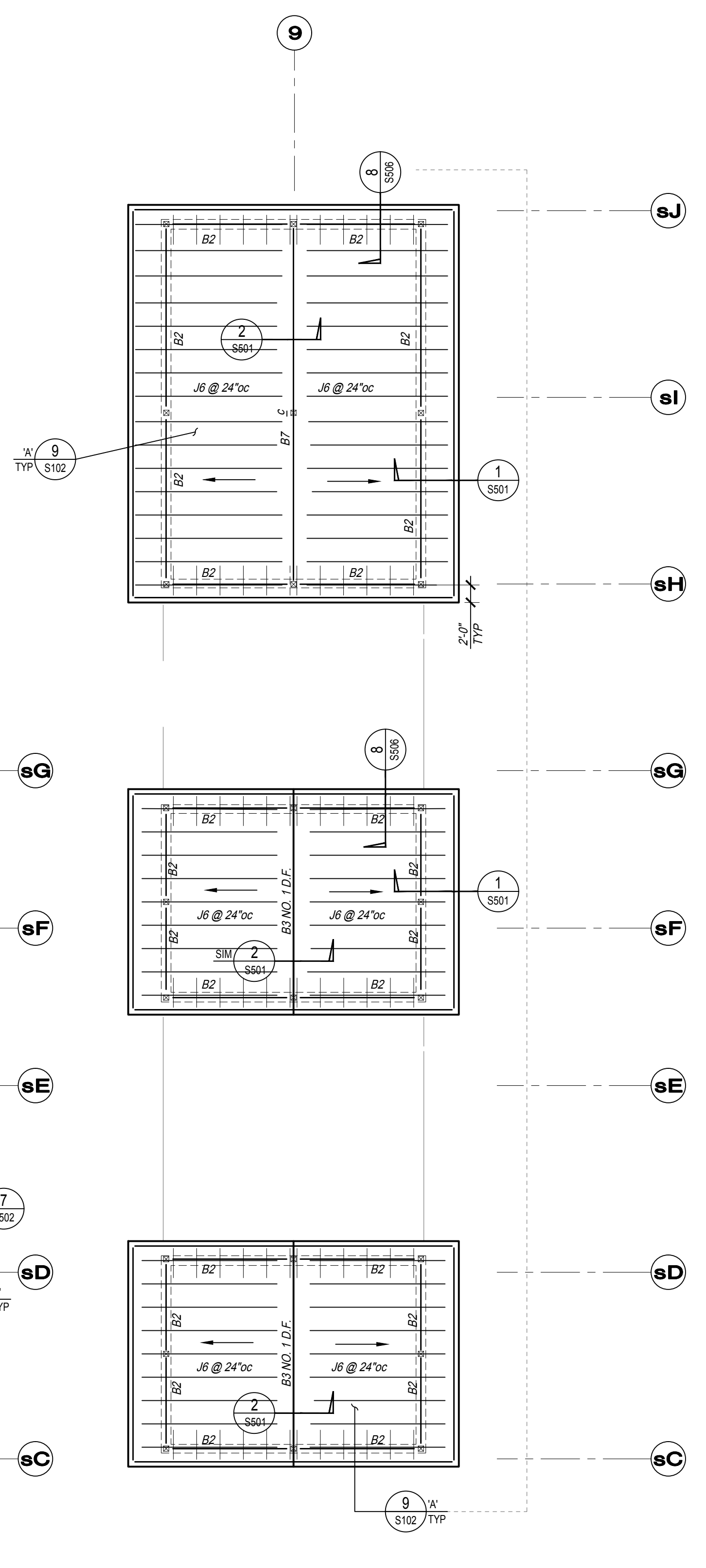
**ROOF FRAMING PLAN**  
 SCALE: 1/8" = 1'-0"

ADDENDUM 02



**UPPER ROOF FRAMING PLAN (PARTIAL)**  
SCALE: 1/8" = 1'-0"

**UPPER ROOF FRAMING PLAN (PARTIAL)**  
SCALE: 1/8" = 1'-0"



**ROOF FRAMING NOTES**

- REFER TO GENERAL NOTES ON S100
- | TYP. DETAIL | DESCRIPTION                       |
|-------------|-----------------------------------|
| 1/S102      | PLYWOOD SHEARWALL SCHEDULE        |
| 2/S102      | TYP STUD WALL CONSTRUCTION        |
| 3/S102      | TYP NOTCH OR HOLE IN STUD WALLS   |
| 4/S102      | TYP SHEARWALL INTERSECTION        |
| 5/S102      | TYP WALL INTERSECTION             |
| 6/S102      | TYP TOP OF NON-BEARING WALL       |
| 8/S102      | PLYWOOD ROOF SHEATHING            |
| 7/S102      | PLATE SPLICE SCHEDULE             |
| 8/S102      | TYP NOTCH OR HOLE IN JOIST/LUMBER |
- ALL ROOF FRAMING SPACES AS SHOWN ON PLANS ARE TO BE MEASURED ON SLOPE OF ROOF.
- CONTRACTOR SHALL VERIFY SPRINKLER LINE LAYOUT AND PROVIDE FOR ADDITIONAL FRAMING AS REQUIRED FOR PROPER SUPPORT.
- CONTRACTOR SHALL VERIFY AND COORDINATE THE WEIGHTS AND LOCATIONS OF ALL ROOF SUPPORTED MECHANICAL AND ELECTRICAL UNITS WITH FRAMING PROVIDED FOR SUPPORT.
- APPROVED TRUSS DRAWINGS MUST BE ON JOB SITE FOR INSPECTION PURPOSES.
- ALL STRUTS SHALL BE INSTALLED PRIOR TO ROOF SHEATHING.
- REPRESENTS DIRECTION OF DOWNWARD SLOPE.
- SEE GEN. NOTE 8/S100 & BEAM SCHEDULE FOR GLU-LAM BEAM GRADE & COMBINATION INFO.
- | DESCRIPTION                      | COMBINATION |
|----------------------------------|-------------|
| C = GLU-LAM OR STEEL BEAM CAMBER |             |
- ALL POST TO BEAM CONNECTIONS SHALL HAVE SIMPSON PC OR EPC CONNECTIONS, UNLESS DETAILED OTHERWISE.
- C = BEAM CONTINUOUS OVER COLUMN (MULTIPLE - SPAN OR CANTILEVER)
- X - REPRESENTS WOOD POST
- - REPRESENTS STEEL COLUMN

LOW ROOF CONSTRUCTION SCHEDULE	
INTERIOR ROOF	1/2" ROOFING / INSULATION BOARD OVER- 19/32" CDX PLYWOOD SHEATHING - TYPE 'A' OVER ROOF FRAMING
EXTERIOR ROOF & INTERIOR EXPOSED ROOF	1/2" ROOFING / INSULATION BOARD OVER- 19/32" CDX PLYWOOD SHEATHING - TYPE 'C' OVER ROOF FRAMING

NOTE: SEE SHEET S302 FOR ROOF SHEATHING & DECKING DETAILS.

**BEAM SCHEDULE**

TYPE	DESCRIPTION
B1	4x12
B2	6x10
B3	6x12
B4	3 1/2" x 11 1/2" PSL
B5	3 1/2" x 14" PSL
B6	3 1/2" x 16" PSL
B7	5 1/2" x 12" GLB
B8	5 1/2" x 15" GLB
B9	5 1/2" x 16 1/2" GLB 20F-V13
B10	5 1/2" x 21" GLB
B11	5 1/2" x 24" GLB 20F-V13
B12	6 3/4" x 12" GLB
B13	W10x12
B14	W12x19
B15	W10x26
B16	W18x35
B17	W24x55
B18	HSS 10x4x3/8
B19	C8x11.5
B20	5 1/2" x 33" GLB 20F-V13
G1	W36x135 - BENT SEE W18x48
G2	W36x135 - BENT SEE X18x48 & Y18x48

NOTE: ALL GLU-LAM BEAMS SHALL BE OF THE FOLLOWING COMBINATION U.L.O.:  
24F-V4 AT SINGLE SPAN CONDITIONS  
24F-V8 AT CANTILEVER AND MULTIPLE SPAN CONDITIONS

① 5 1/2" x 16 1/2" GLB (20F - V13) FASCIA BEAM (2-SPAN MIN. & 1-SPAN WITH CANTILEVER) CAMBER AS INDICATED  
② 5 1/2" x 16 1/2" SHAPED GLB (20F - V13) FASCIA BEAM (2-SPAN MIN. & 1-SPAN WITH CANTILEVER) CAMBER AS INDICATED  
③ ① AND ② TYPE FASCIA BEAMS AS APPLICABLE WITH SPLICES WHERE INDICATED

**JOIST SCHEDULE**

TYPE	DESCRIPTION
J1	11 1/4" I-JOIST
J2	14" I-JOIST
J3	16" I-JOIST
J4	3 1/2" x 15" GLB (2-SPAN)
J5	2x8
J6	2x10
J7	3 1/2" x 11 1/2" PSL @ 48" o.c.
J8	4x8

**PH**  
**PAUL HALAJIAN ARCHITECTS**  
389 Clovis Ave, Suite 200  
Clovis, CA 93612-1185  
T: 559.237.7900 F: 559.237.7950  
www.halajianarch.com

**LICENSED ARCHITECT**  
PAUL NELSON HALAJIAN  
No. C20194  
Ren. 4/30/17  
STATE OF CALIFORNIA

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PROJECT:  
**City of Clovis Senior Activity Center and Transit Center**  
735 Third Street  
Clovis, CA 93612  
SHEET: SENIOR ACTIVITY CENTER - UPPER ROOF FRAMING PLAN

DRAWING SET INFORMATION:

06/19/2020	Plan Check Submittal
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REVISIONS:

8/12/2020	Plan Check Revisions
10/8/2020	Addendum 1
10/28/2020	Addendum 2

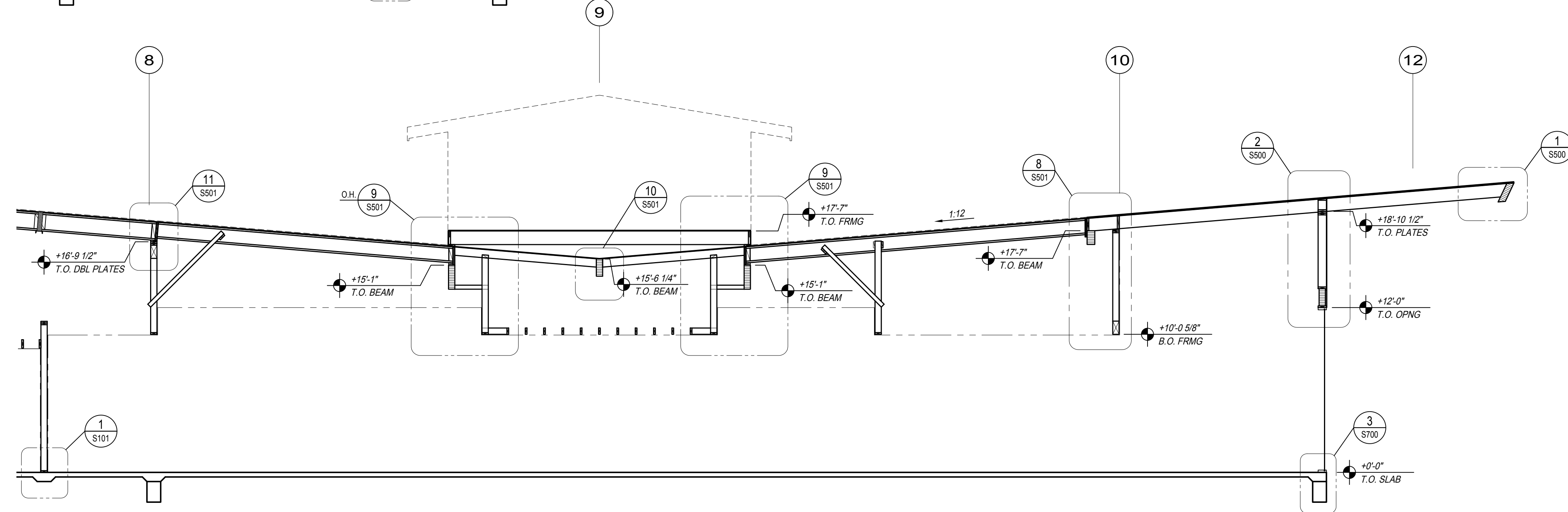
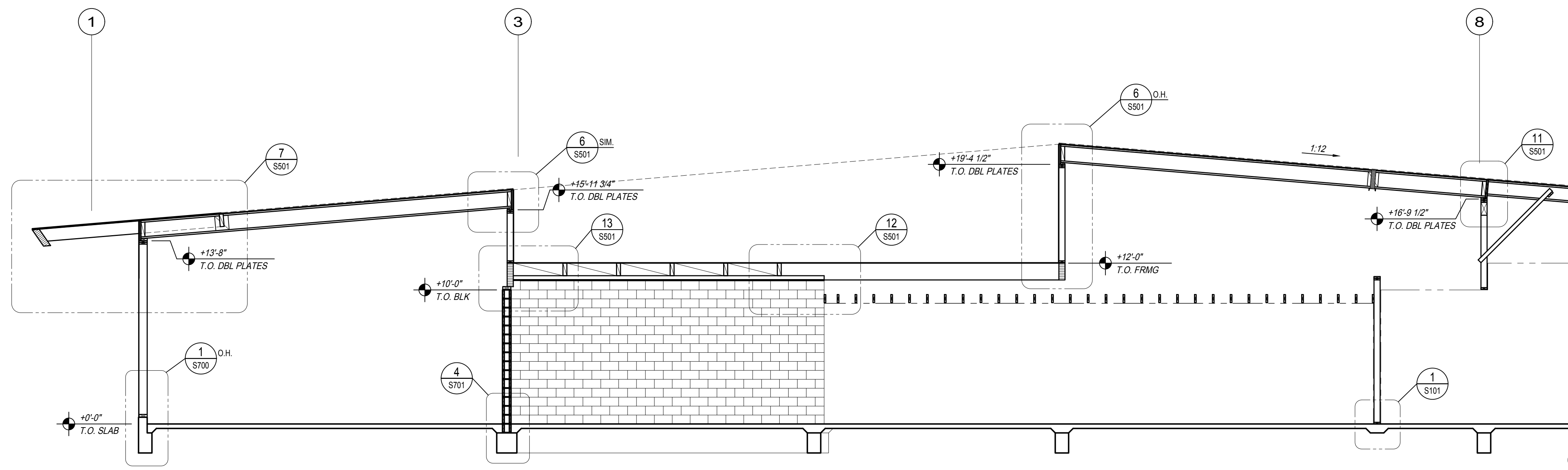
PROJECT NUMBER:  
17044.1

SHEET NUMBER:  
AD2 S301



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PHONE 559-925-1023 FAX 559-323-8090  
WWW.PARRISH-HANSEN.COM

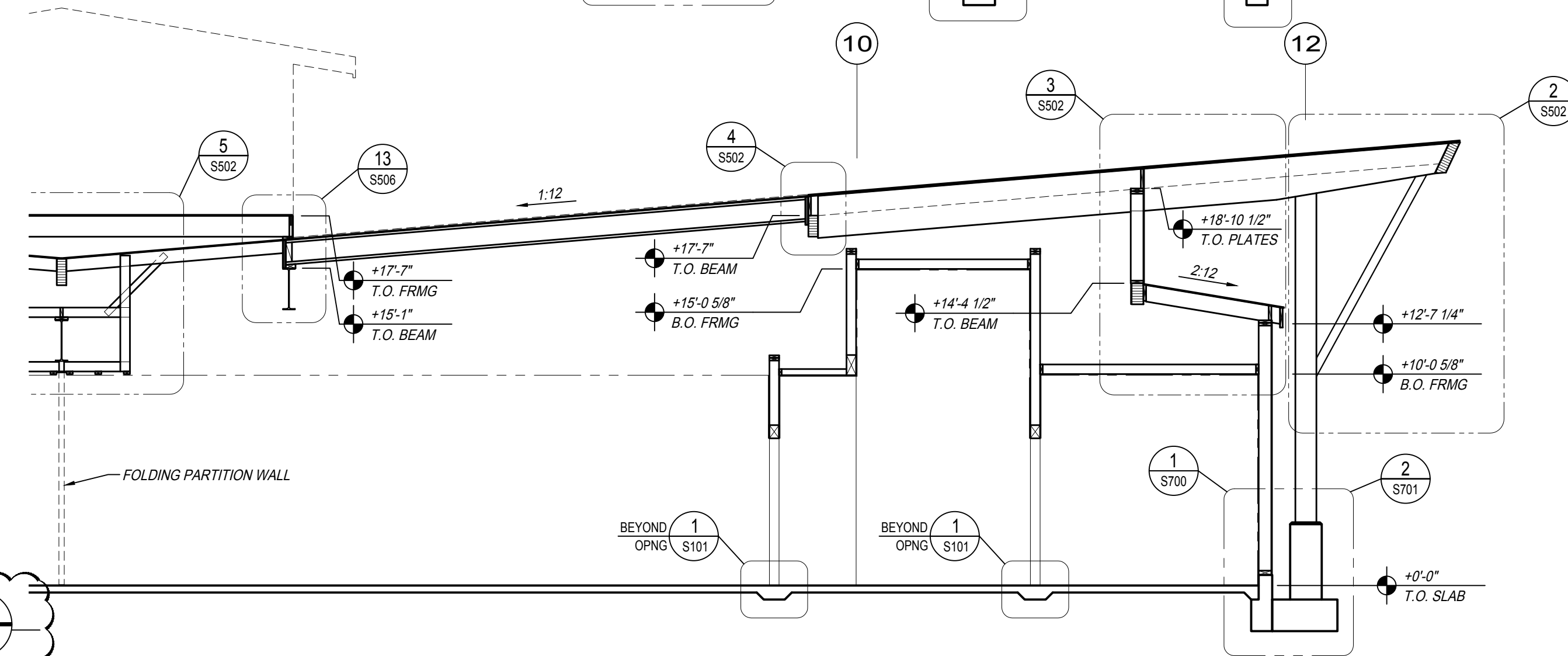
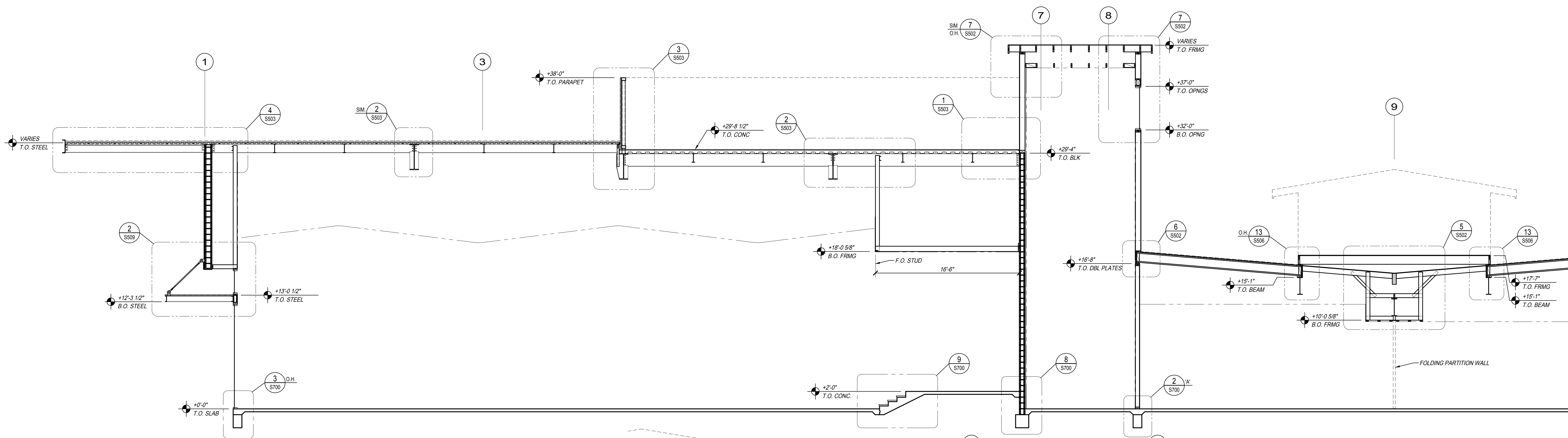
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**SECTION**

SCALE: 3/16" = 1'-0"

SC SECTION C S401

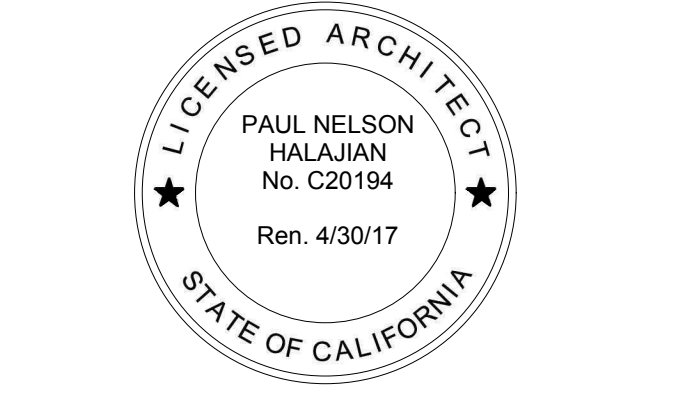


**SECTION**

SCALE: 3/16" = 1'-0"

SC SECTION D S401

**PH**  
**PAUL HALAJIAN ARCHITECTS**  
 389 Clovis Ave, Suite 200  
 Clovis, CA 93612-1185  
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**PROJECT:**  
 City of Clovis  
 Senior Activity Center and Transit Center  
 735 Third Street  
 Clovis, CA 93612  
**SHEET:** SENIOR ACTIVITY CENTER - SECTIONS

**DRAWING SET INFORMATION:**

06/19/2020	Plan Check Submittal
------------	----------------------

**REVISIONS:**

8/12/2020	Plan Check Revisions
10/8/2020	Addendum 1
10/28/2020	Addendum 2

**PROJECT NUMBER:**  
17044.1

**SHEET NUMBER:**  
AD2 S401

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 STRUCTURAL ENGINEERS  
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ADDENDUM 02

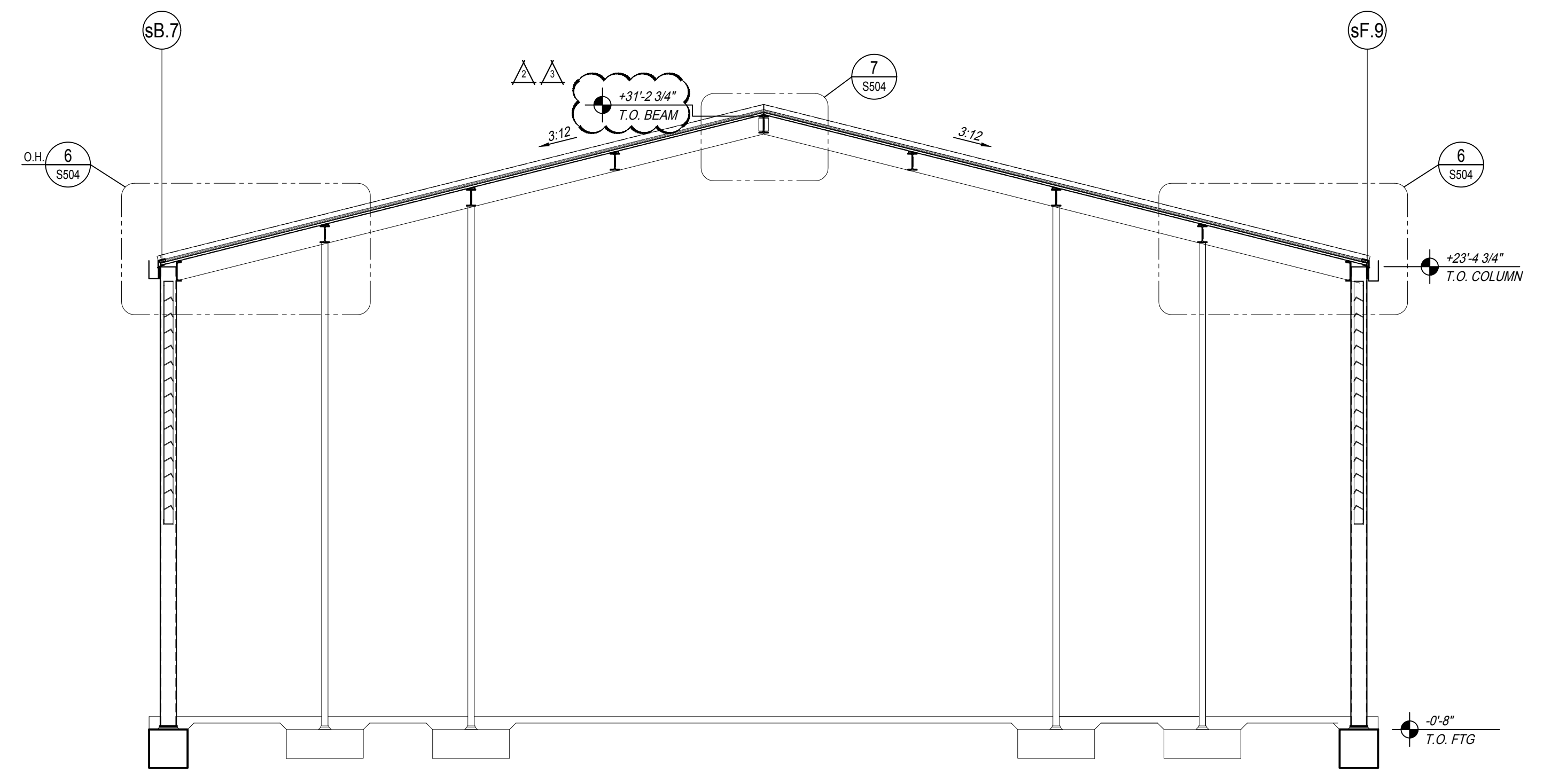


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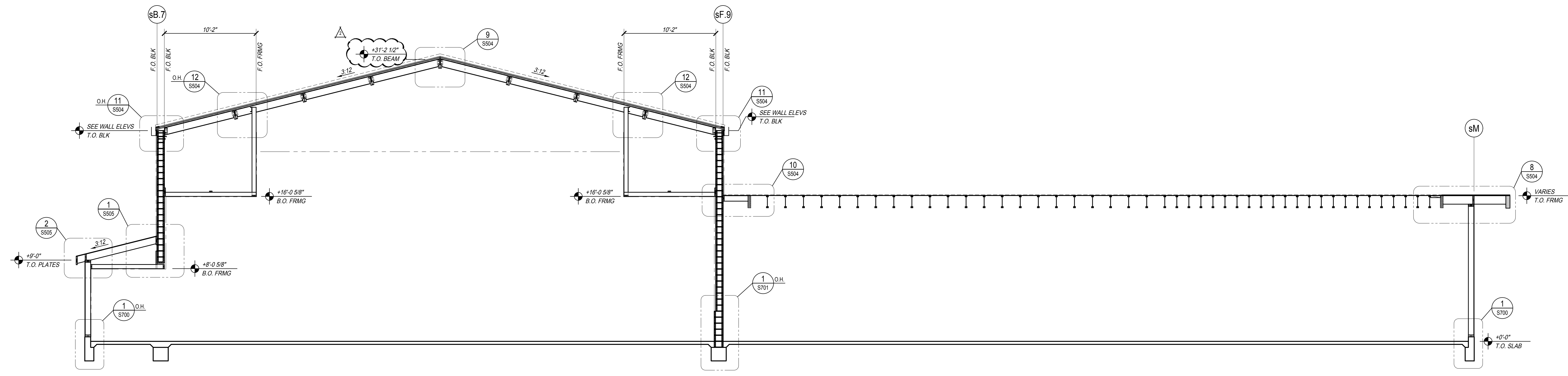
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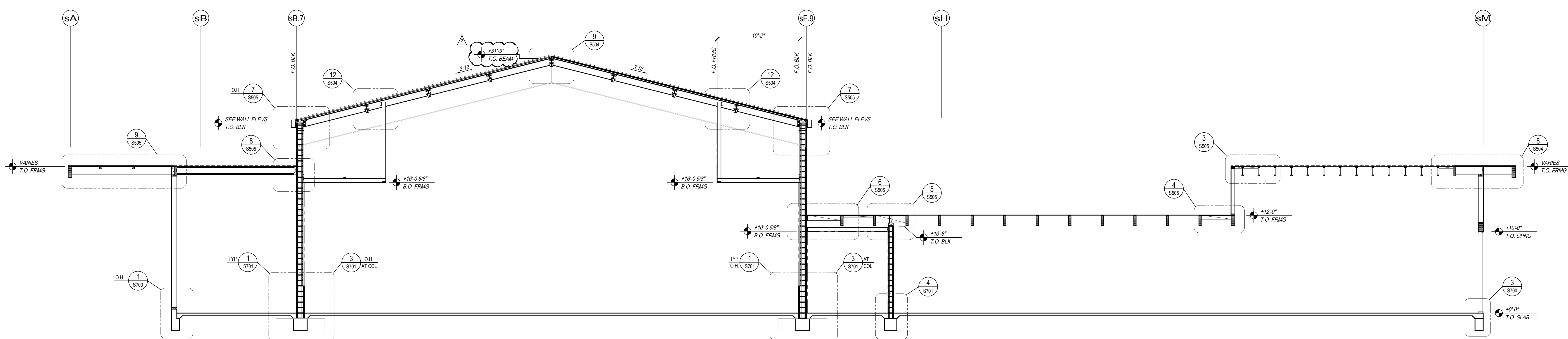
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SECTION G  
SCALE: 3/16" = 1'-0"  
SC SECTION 07 S403



SECTION H  
SCALE: 3/16" = 1'-0"  
SC SECTION 08 S403



SECTION J  
SCALE: 3/16" = 1'-0"  
SC SECTION 09 S403

PROJECT:  
**City of Clovis  
Senior Activity Center and Transit Center**  
735 Third Street  
Clovis, CA 93612  
SHEET: SENIOR ACTIVITY CENTER - SECTIONS

DRAWING SET INFORMATION:

06/19/2020	Plan Check Submittal
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REVISIONS:

8/12/2020	Plan Check Revisions
10/8/2020	Addendum 1
10/28/2020	Addendum 2

PROJECT NUMBER:  
17044.1

SHEET NUMBER:  
AD2 S403

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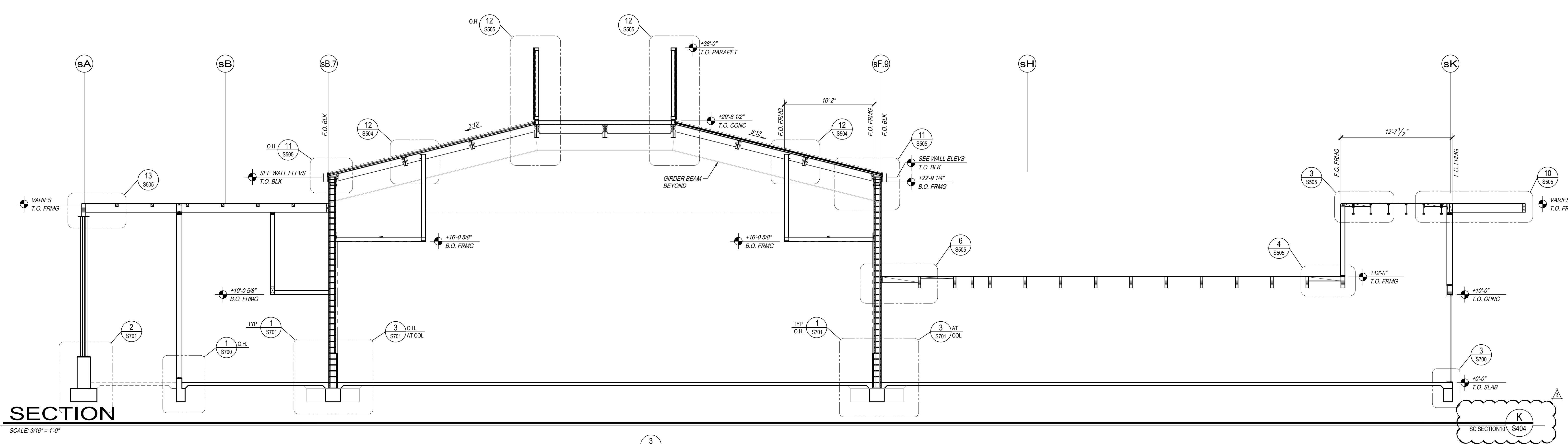
418 Clovis Ave Clovis, CA 93612  
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ADDENDUM 02

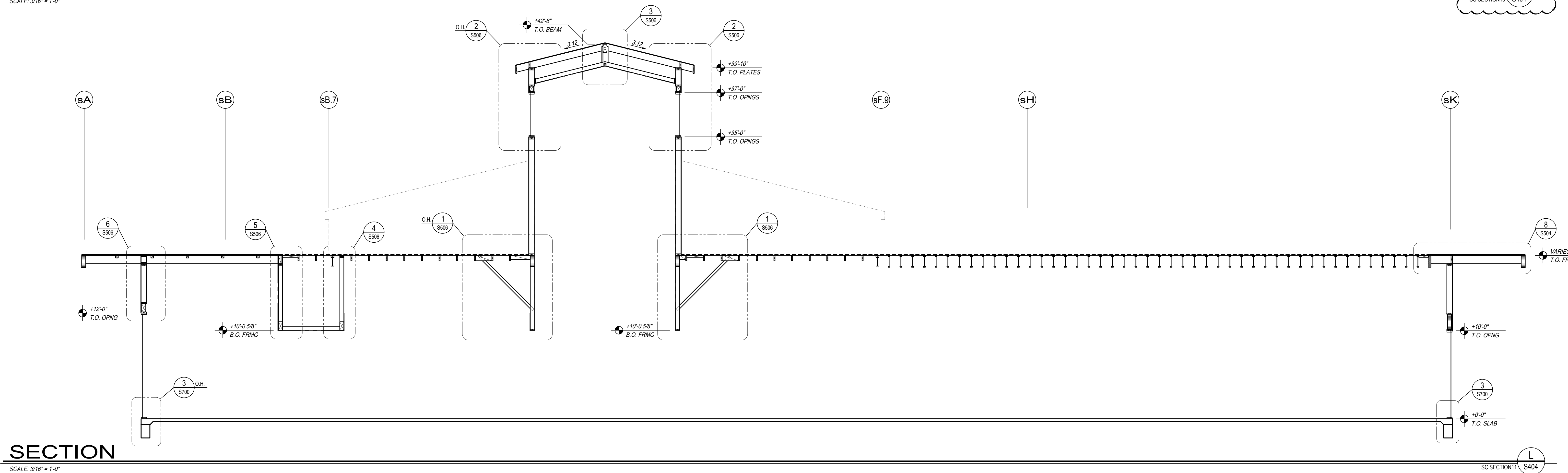




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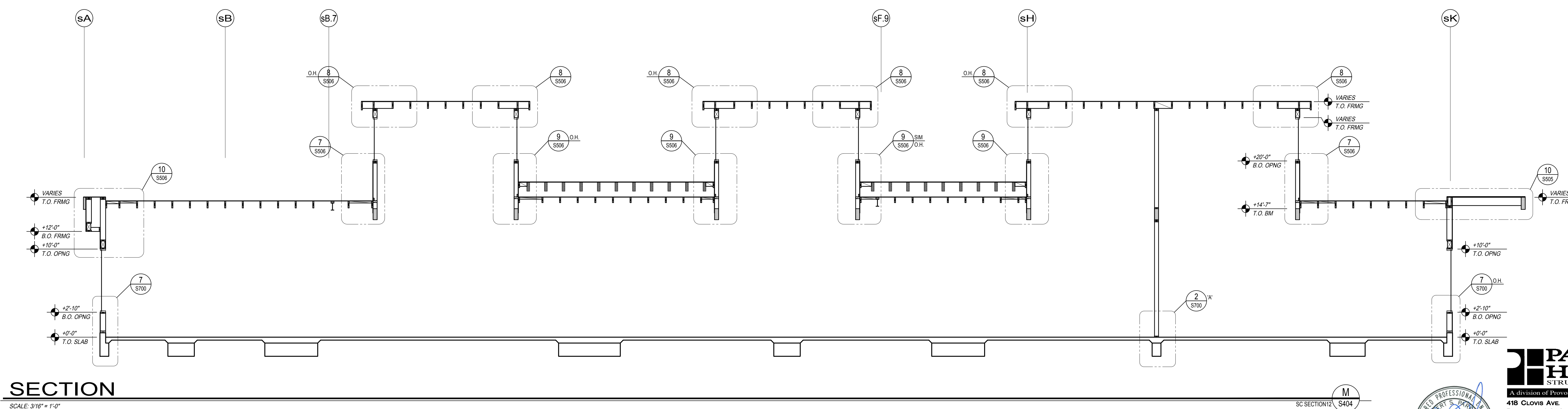
SECTION K  
S404



**SECTION**

SCALE: 3/16" = 1'-0"

SECTION L  
S404



**SECTION**

SCALE: 3/16" = 1'-0"

SECTION M  
S404

ADDENDUM 02



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STRUCTURAL ENGINEERS  
A Division of Provost & Pritchard Consulting Group  
418 Clovis Ave. Clovis, CA 93612  
PHONE 559.923.1023 FAX 559.323.8090  
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**PAUL HALAJIAN ARCHITECTS**  
389 Clovis Ave, Suite 200  
Clovis, CA 93612-1185  
T: 559.237.7900 F: 559.237.7950  
www.halajianarch.com

LICENSED ARCHITECT  
PAUL NELSON HALAJIAN  
No. C20194  
Ren. 4/30/17  
STATE OF CALIFORNIA

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PROJECT:  
**City of Clovis Senior Activity Center and Transit Center**  
735 Third Street  
Clovis, CA 93612  
SHEET: SENIOR ACTIVITY CENTER - SECTIONS

DRAWING SET INFORMATION:

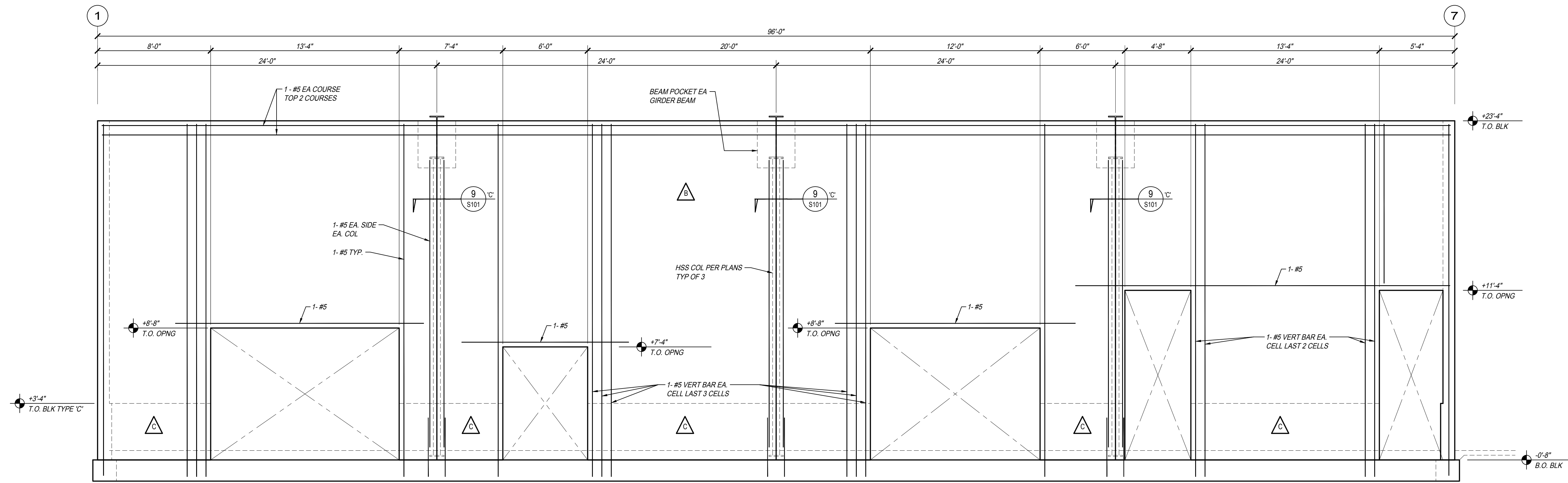
06/19/2020	Plan Check Submittal
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REVISIONS:

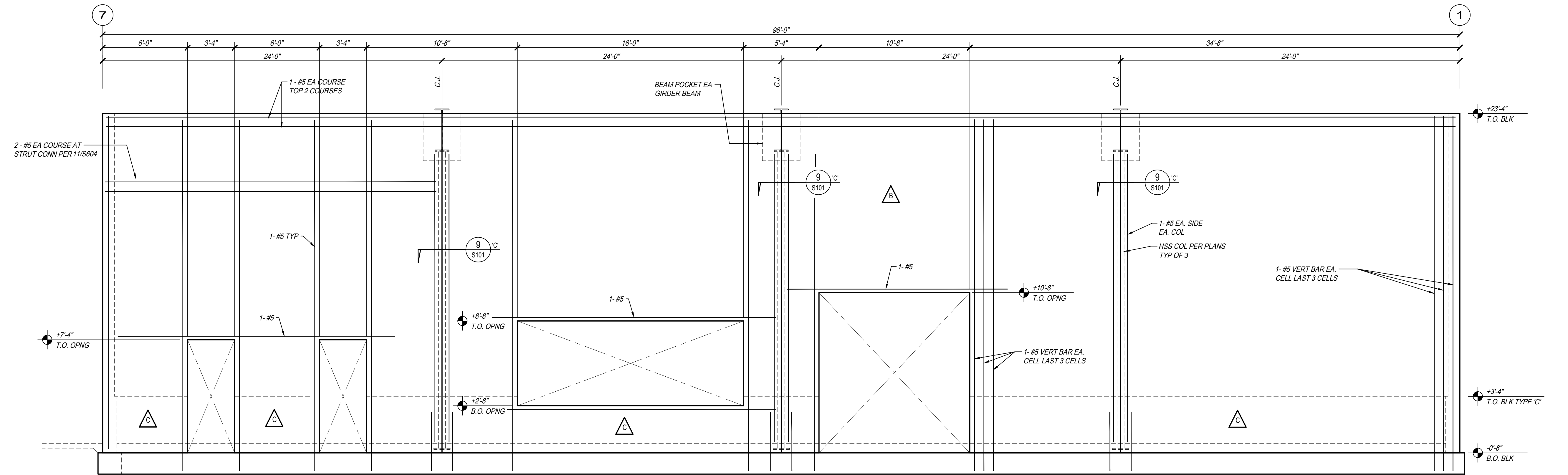
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10/8/2020	Addendum 1
10/28/2020	Addendum 2

PROJECT NUMBER:  
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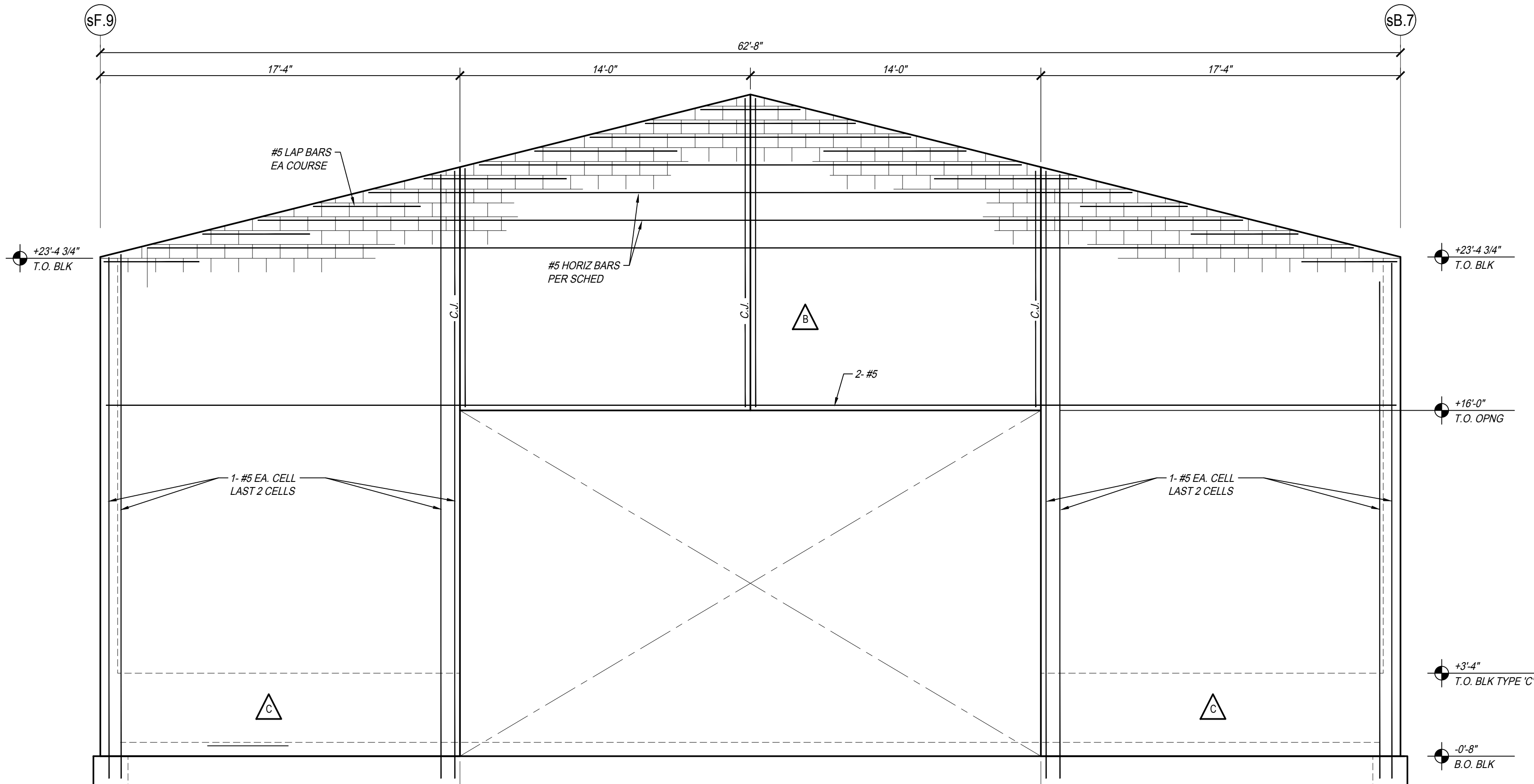
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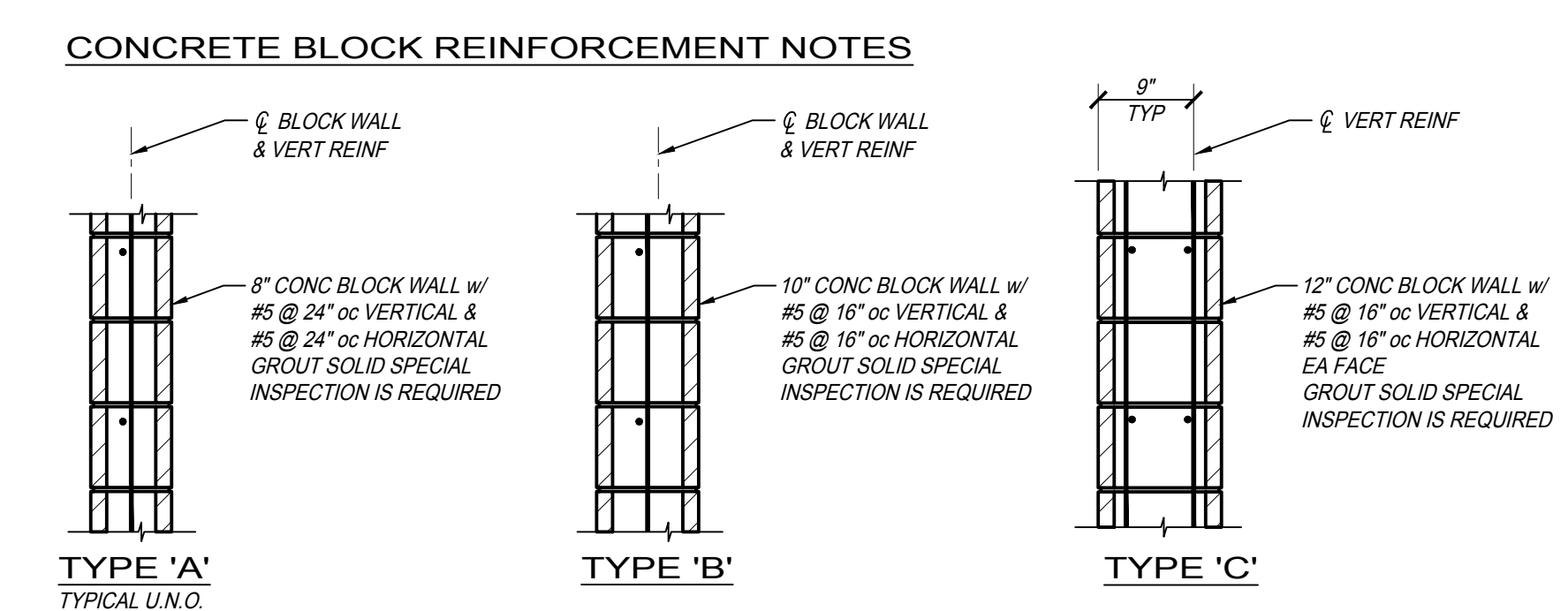
**WALL ELEVATION**  
SCALE: 1/4" = 1'-0"  
GRID LINE sB.7



**WALL ELEVATION**  
SCALE: 1/4" = 1'-0"  
GRID LINE sF.9



**WALL ELEVATION**  
SCALE: 1/4" = 1'-0"  
GRID LINE 1



- A. ALL MASONRY WALLS SHALL BE REINFORCED AS SHOWN ABOVE UNLESS NOTED OTHERWISE.
- B. REFER TO 'TYPE' ABOVE FOR REINFORCING STEEL IN WALLS. IN ADDITION TO REINFORCING ABOVE, PROVIDE 1-#5 CONTINUOUS BAR AT ALL WALL EDGES WITH DOWELS FOR CONTINUITY AROUND CORNERS PER DETAIL TMS02.
- C. SEE DETAIL TMS01 FOR TYPICAL REINFORCEMENT AROUND OPENINGS. SEE WALL ELEVATIONS FOR SPECIAL CONDITIONS AND REINFORCING IN LIEU OF THESE TYPICAL REQUIREMENTS.
- D. SEE SHEET S-X FOR OTHER MASONRY NOTES INCLUDING REQUIREMENTS FOR CONDUITS AND PIPES WHERE REQUIRED.
- E. SEE ARCHITECTURAL ELEVATIONS, SECTIONS, AND DETAILS FOR WALL FINISHES AND MISCELLANEOUS REQUIREMENTS. ALSO SEE OTHER DRAWINGS FOR SPECIAL PLUMBING, ELECTRICAL, AND MECHANICAL REQUIREMENTS.
- F. ALL WALL REINF. SHALL BE MINIMUM PER DETAIL ABOVE UNLESS OTHERWISE NOTED ON WALL ELEVATIONS.



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STRUCTURAL ENGINEERS  
A Division of Provoost & Pritchard Consulting Group  
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PHONE 559-923-1023 ■ FAX 559-323-8090  
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389 Clovis Ave, Suite 200  
Clovis, CA 93612-1185  
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**PROJECT:**  
City of Clovis  
Senior Activity Center and Transit Center  
735 Third Street  
Clovis, CA 93612

**SHEET:** SENIOR ACTIVITY CENTER - WALL ELEVATIONS

**DRAWING SET INFORMATION:**

06/19/2020	Plan Check Submittal
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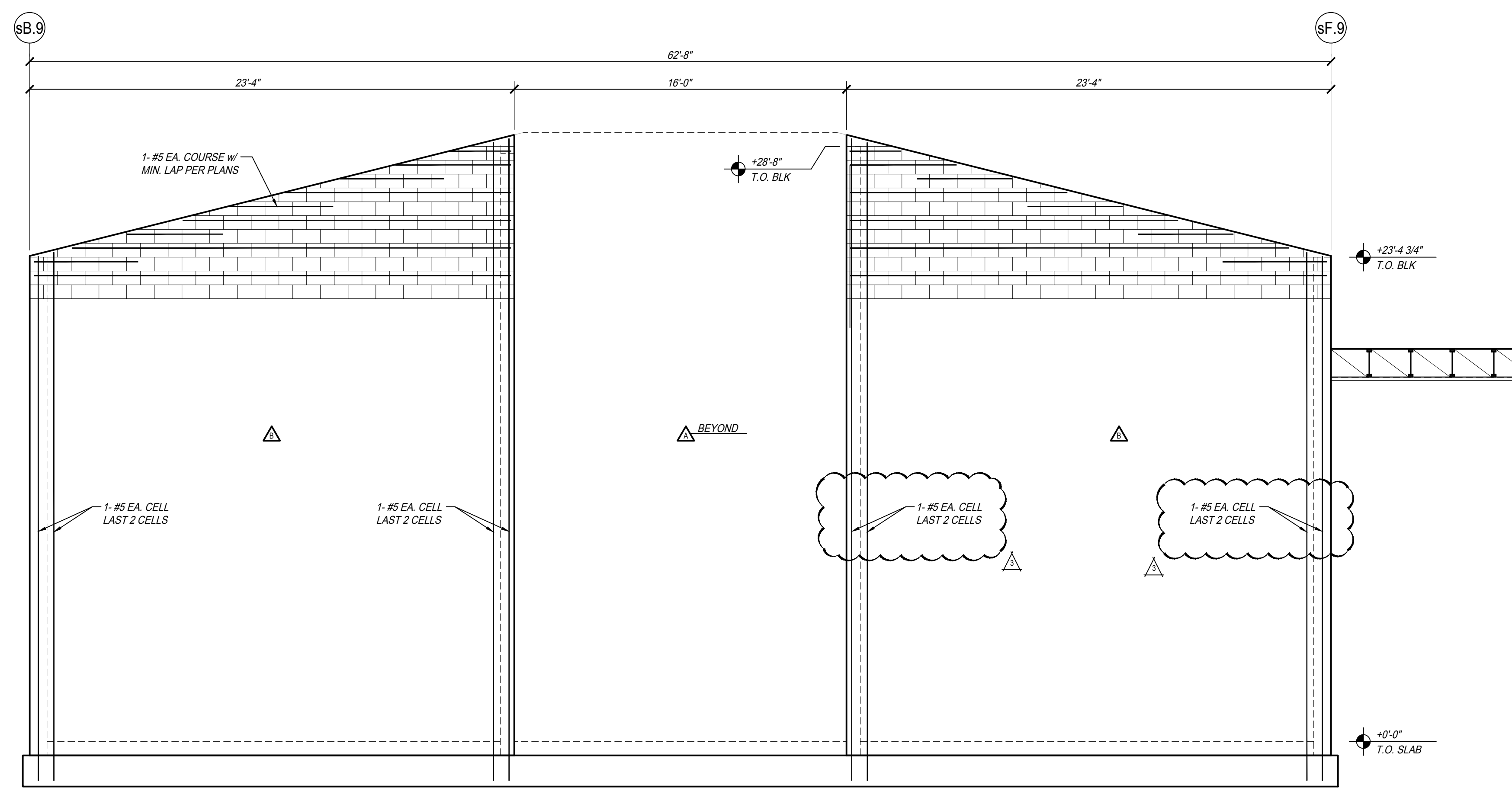
**REVISIONS:**

8/12/2020	Plan Check Revisions
10/8/2020	Addendum 1
10/28/2020	Addendum 2

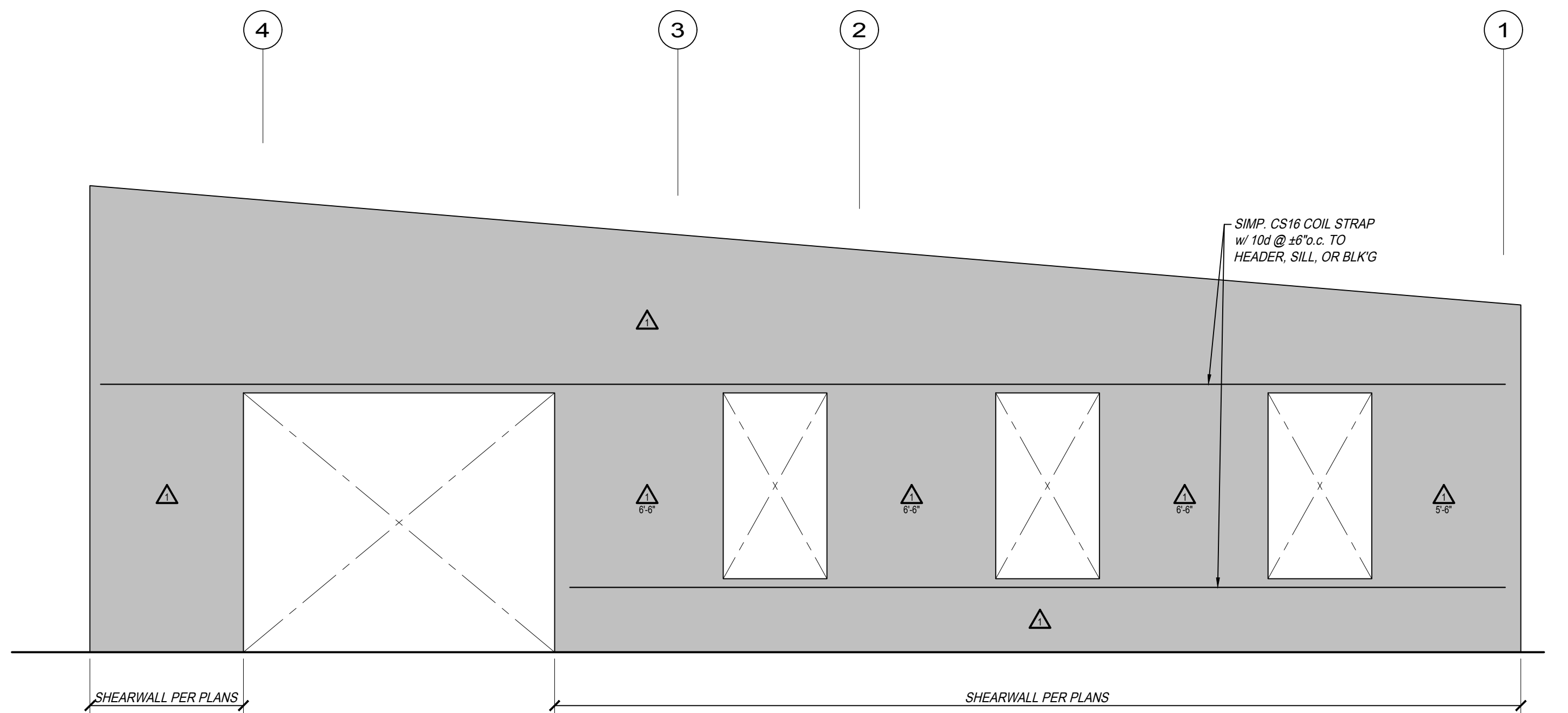
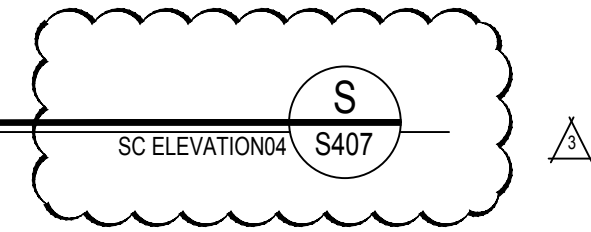
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**SHEET NUMBER:** AD2 S406

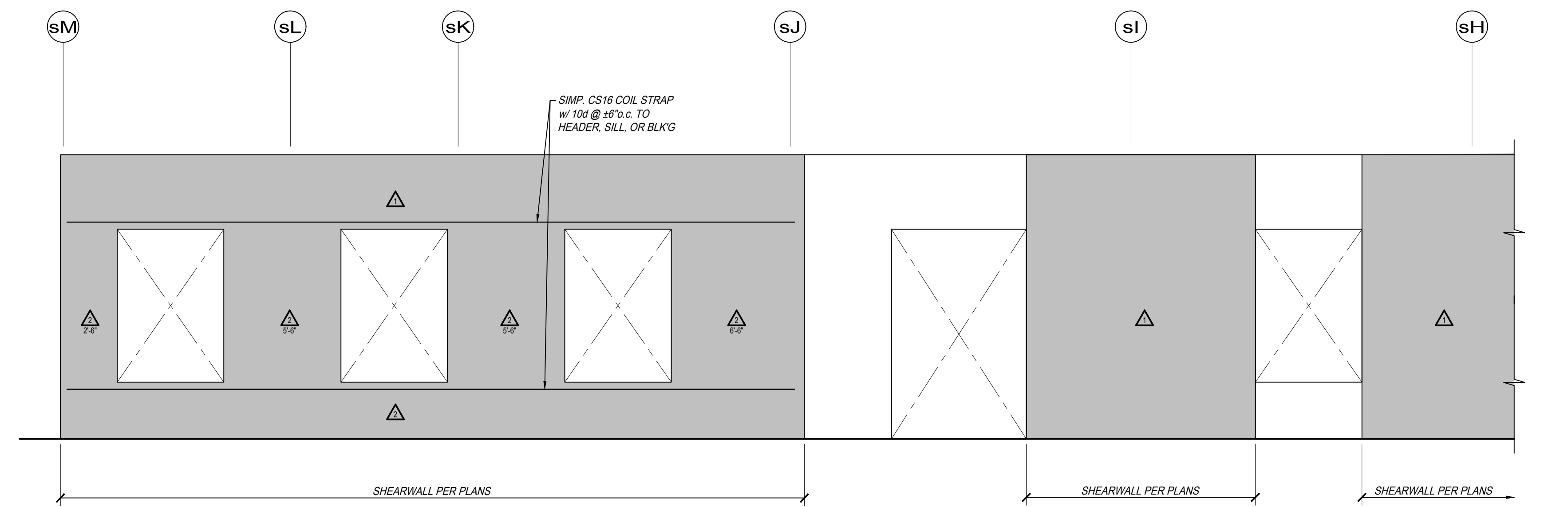
ADDENDUM 02



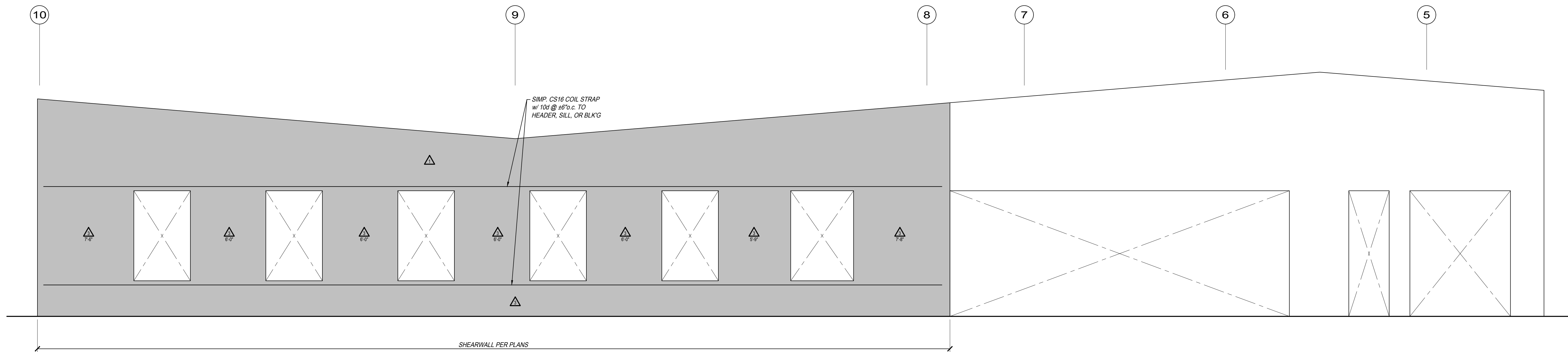
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GRID LINE 7  
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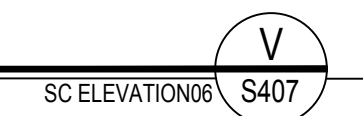
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GRID LINE sM  
SCALE: 1/4" = 1'-0"



**ELEVATION**  
GRID LINE 1  
SCALE: 1/4" = 1'-0"



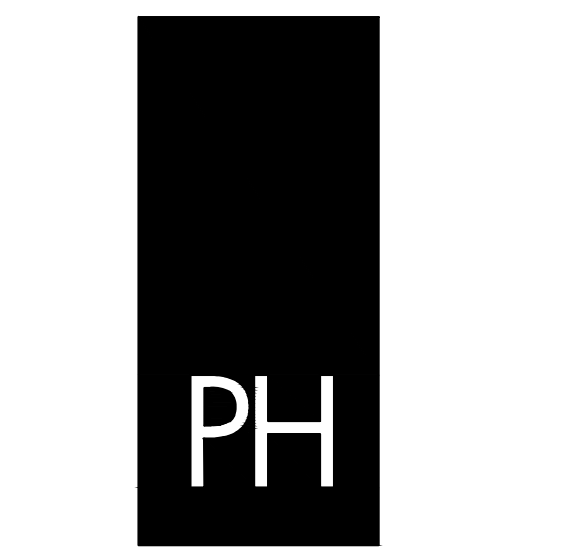
**ELEVATION**  
GRID LINE sK  
SCALE: 1/4" = 1'-0"



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STRUCTURAL ENGINEERS  
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ADDENDUM 02



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389 Clovis Ave. Suite 200  
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PROJECT:  
**City of Clovis Senior Activity Center and Transit Center**  
735 Third Street  
Clovis, CA 93612  
SHEET: SENIOR ACTIVITY CENTER - WALL ELEVATIONS

DRAWING SET INFORMATION:

06/19/2020	Plan Check Submittal
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REVISIONS:

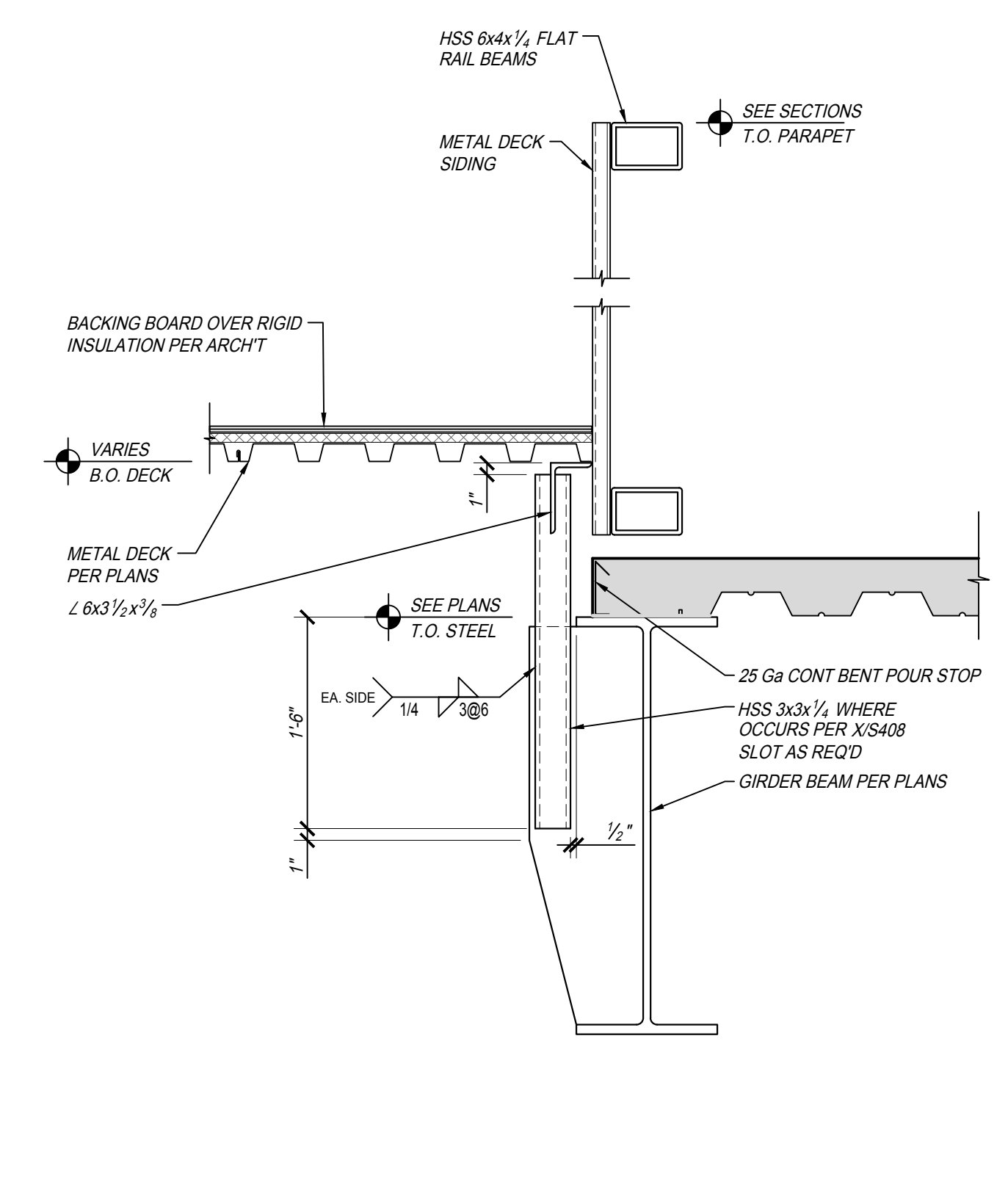
8/12/2020	Plan Check Revisions
10/8/2020	Addendum 1
10/28/2020	Addendum 2

PROJECT NUMBER:  
17044.1

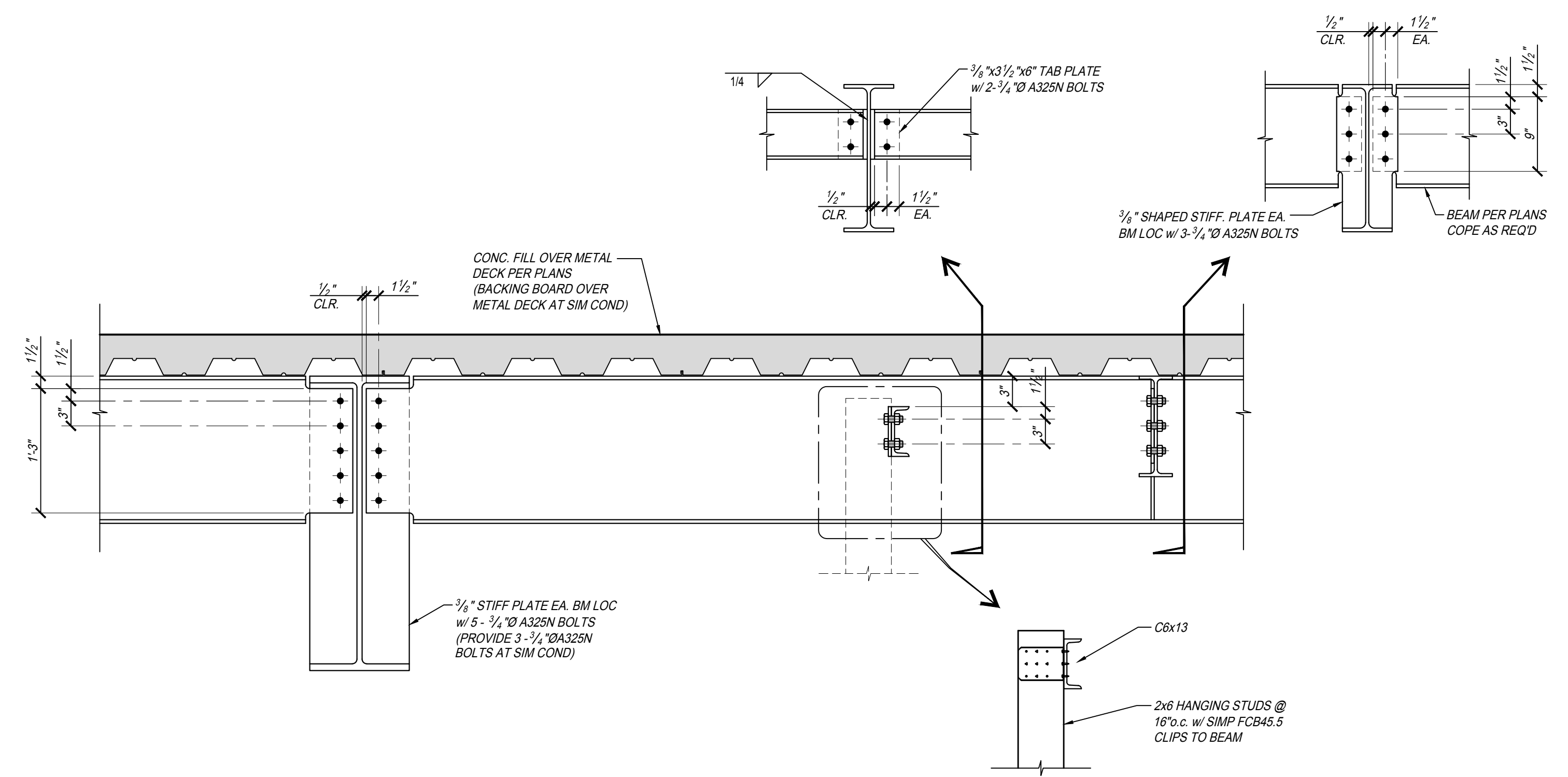
SHEET NUMBER:  
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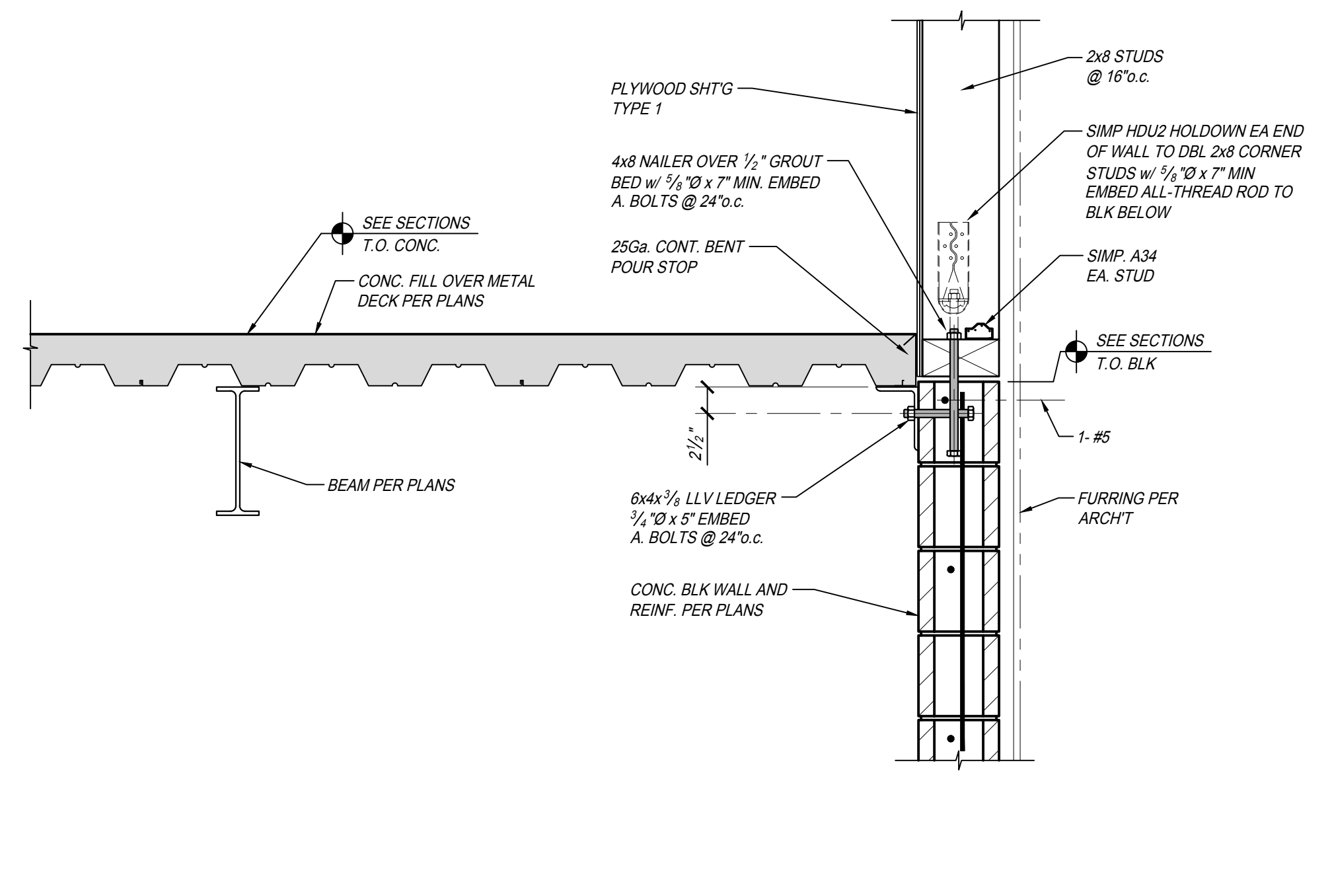
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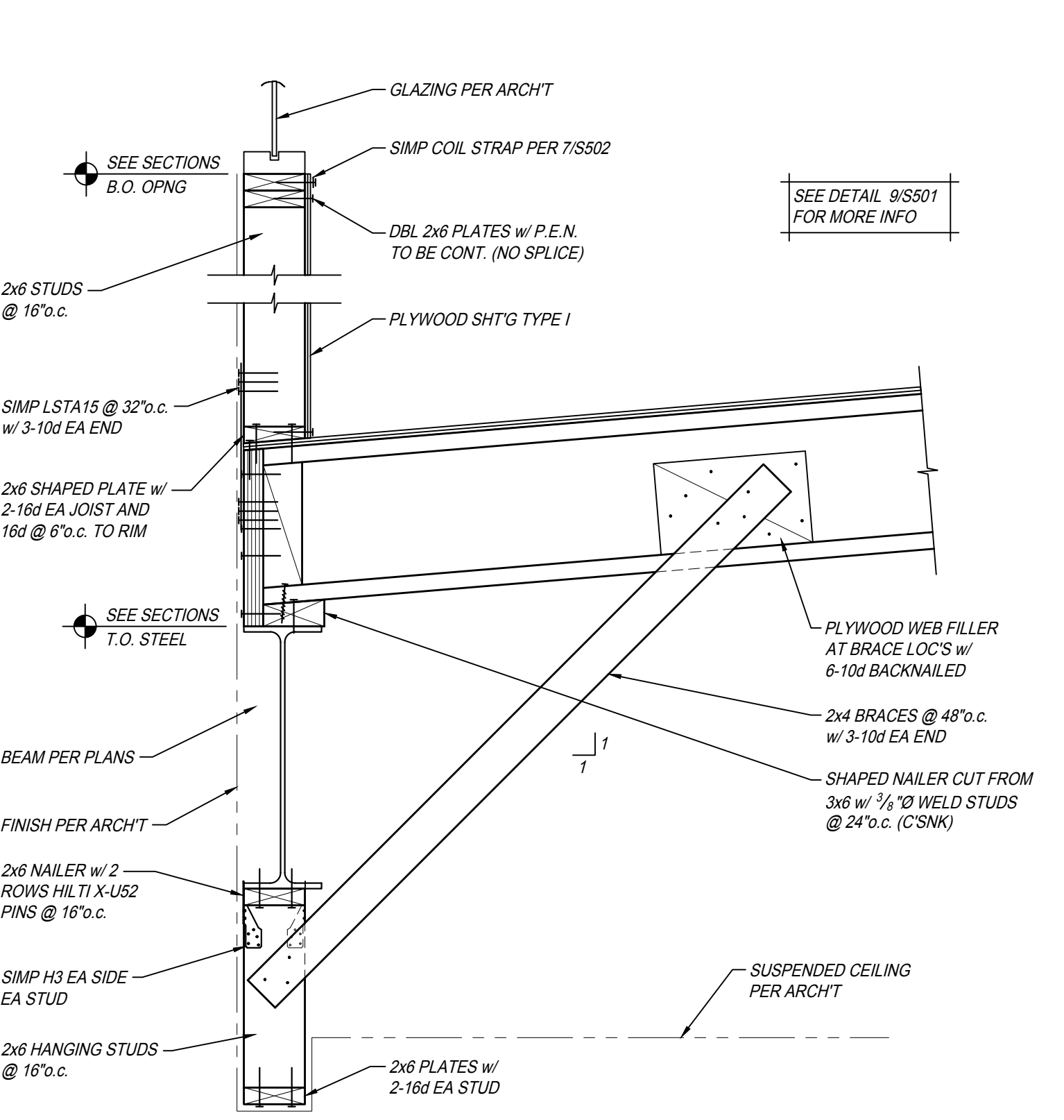
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RF34 S503



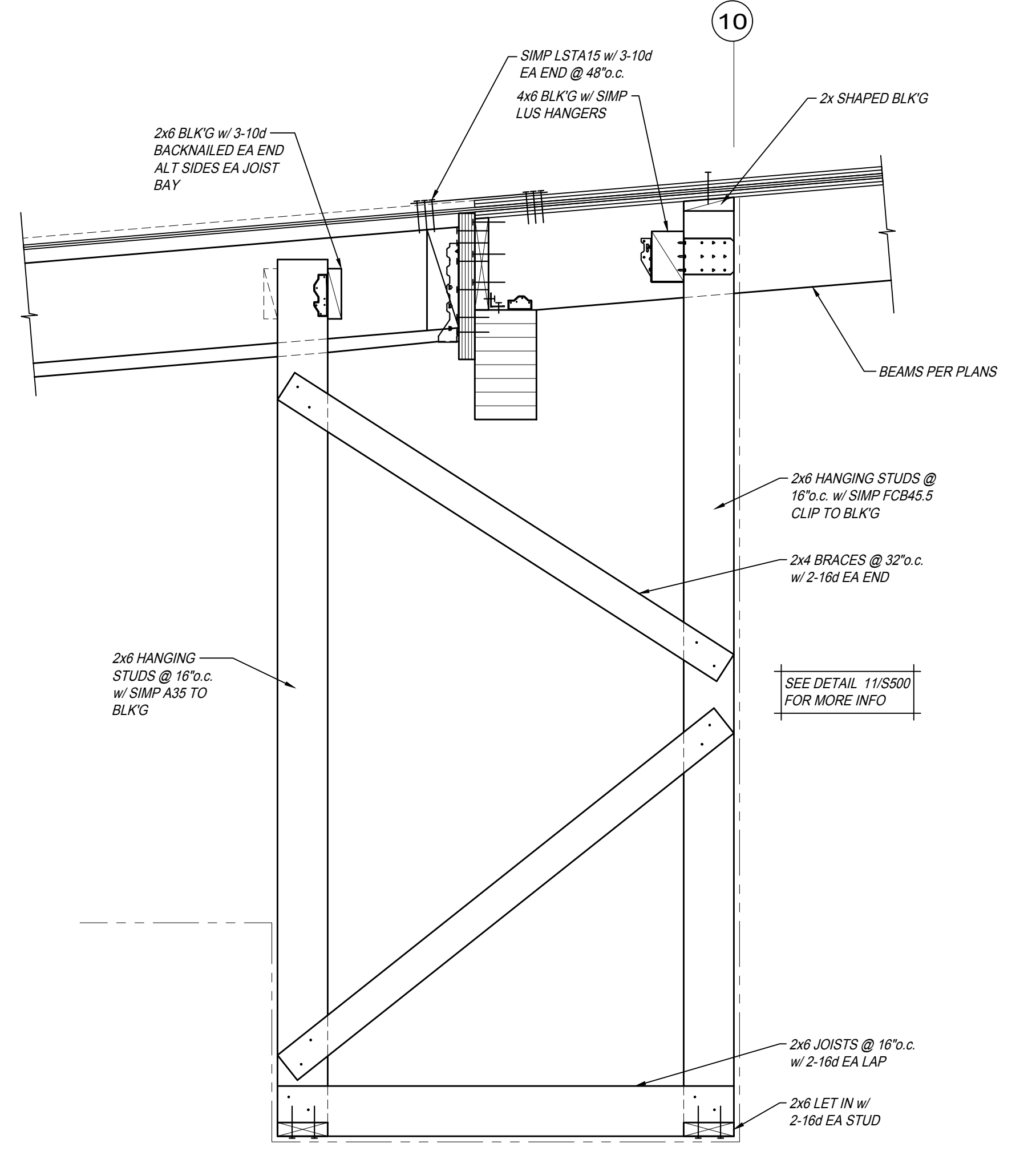
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RF33 S503



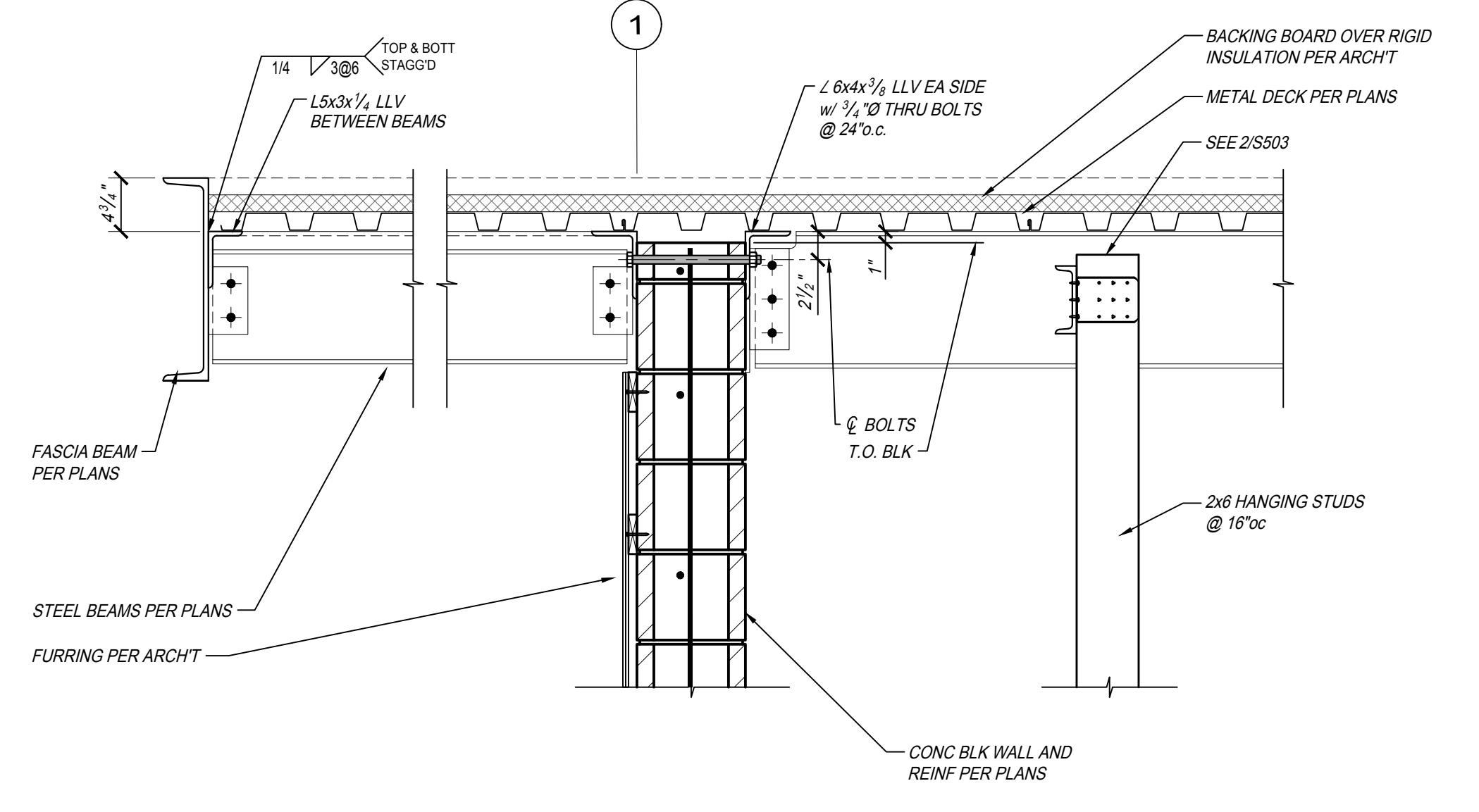
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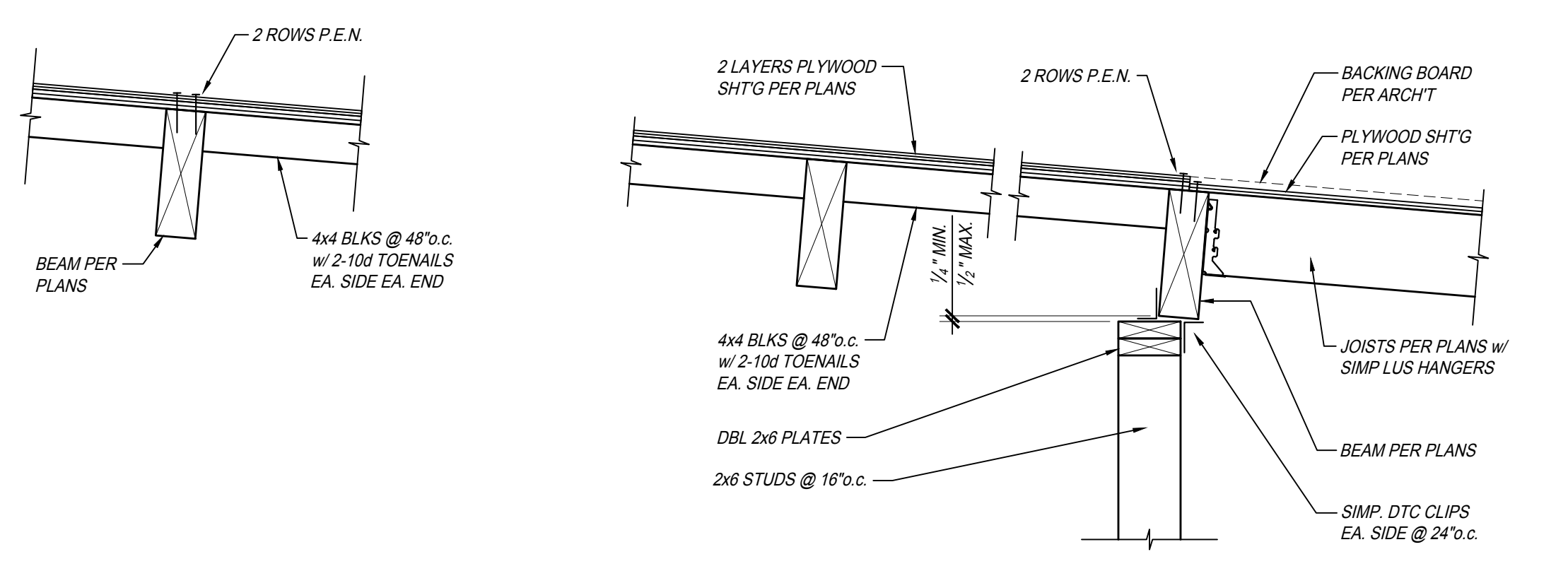
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RF37 S503



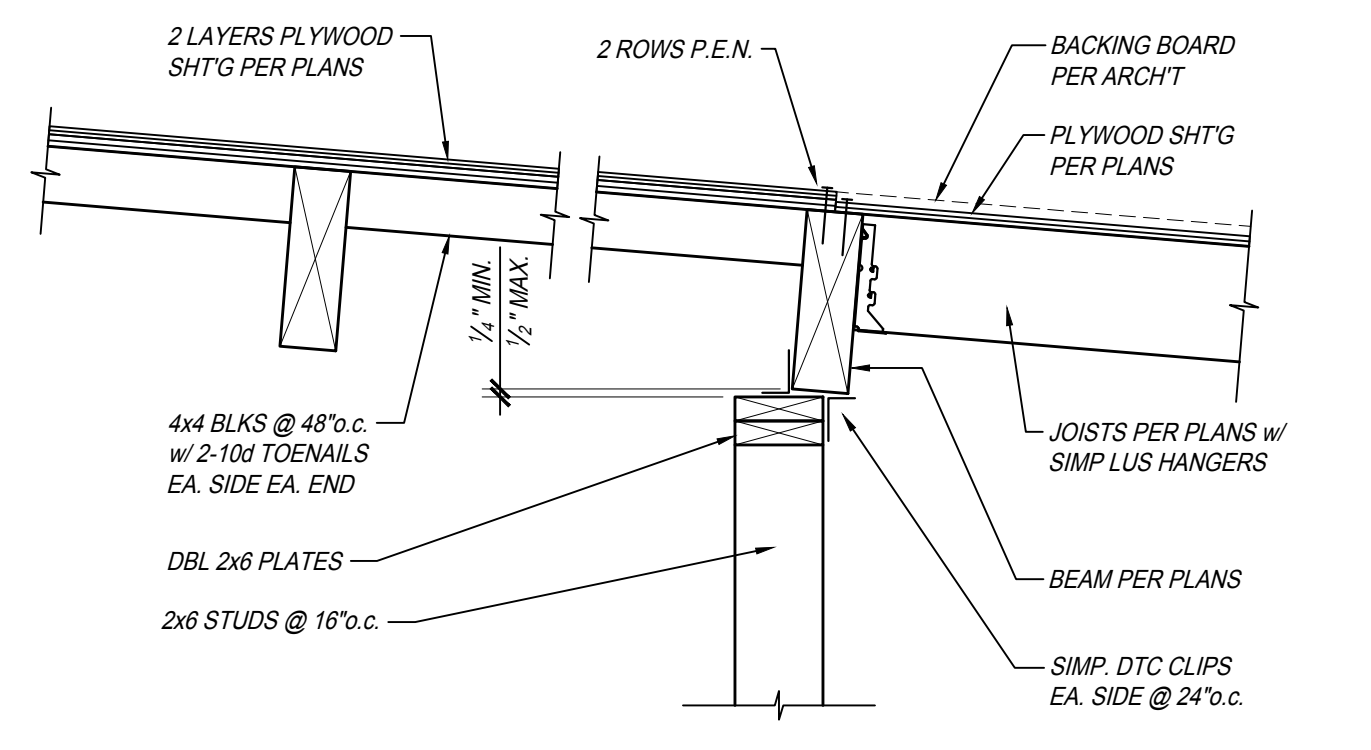
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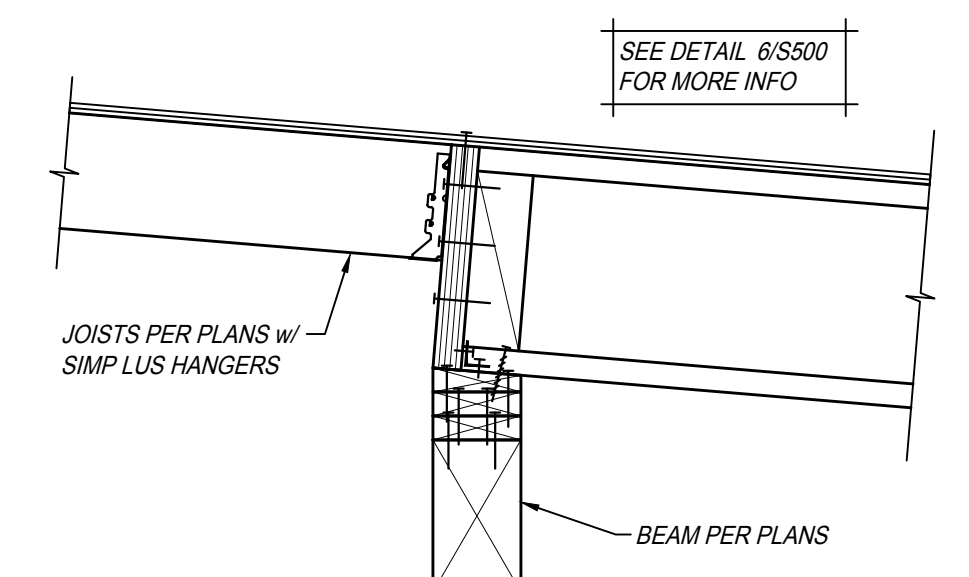
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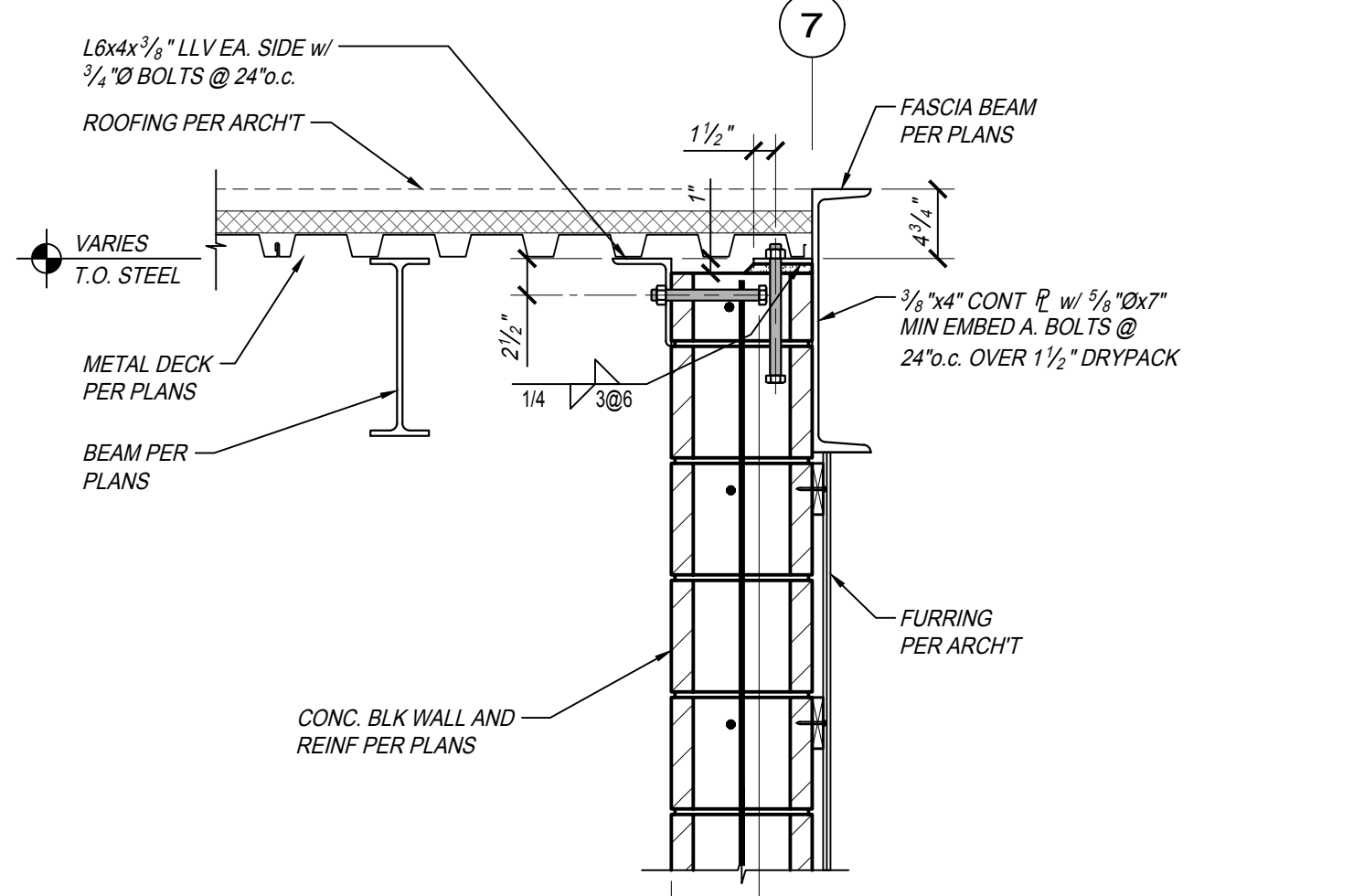
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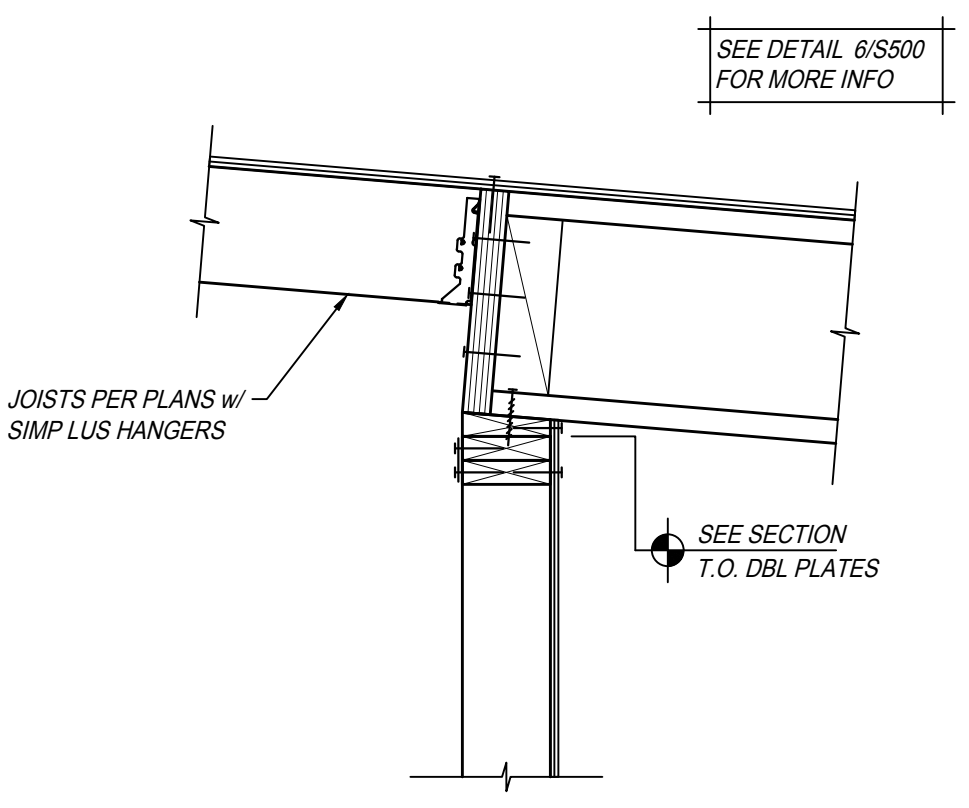
DETAIL 10  
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RF41 S503



DETAIL 9  
SCALE: 1" = 1'-0"  
RF40 S503



DETAIL 7  
SCALE: 1" = 1'-0"  
RF39 S503



DETAIL 8  
SCALE: 1" = 1'-0"  
RF38 S503

ADDENDUM 02

PROJECT: City of Clovis Senior Activity Center and Transit Center  
735 Third Street  
Clovis, CA 93612  
SHEET: ROOF FRAMING DETAILS

DRAWING SET INFORMATION:

06/19/2020	Plan Check Submittal
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REVISIONS:

8/12/2020	Plan Check Revisions
10/8/2020	Addendum 1
10/28/2020	Addendum 2

PROJECT NUMBER: 17044.1  
SHEET NUMBER: AD2 S503

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STRUCTURAL ENGINEERS  
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**City of Clovis Senior Activity Center and Transit Center**  
 735 Third Street  
 Clovis, CA 93612  
**SHEET: ROOF FRAMING DETAILS**

PROJECT:

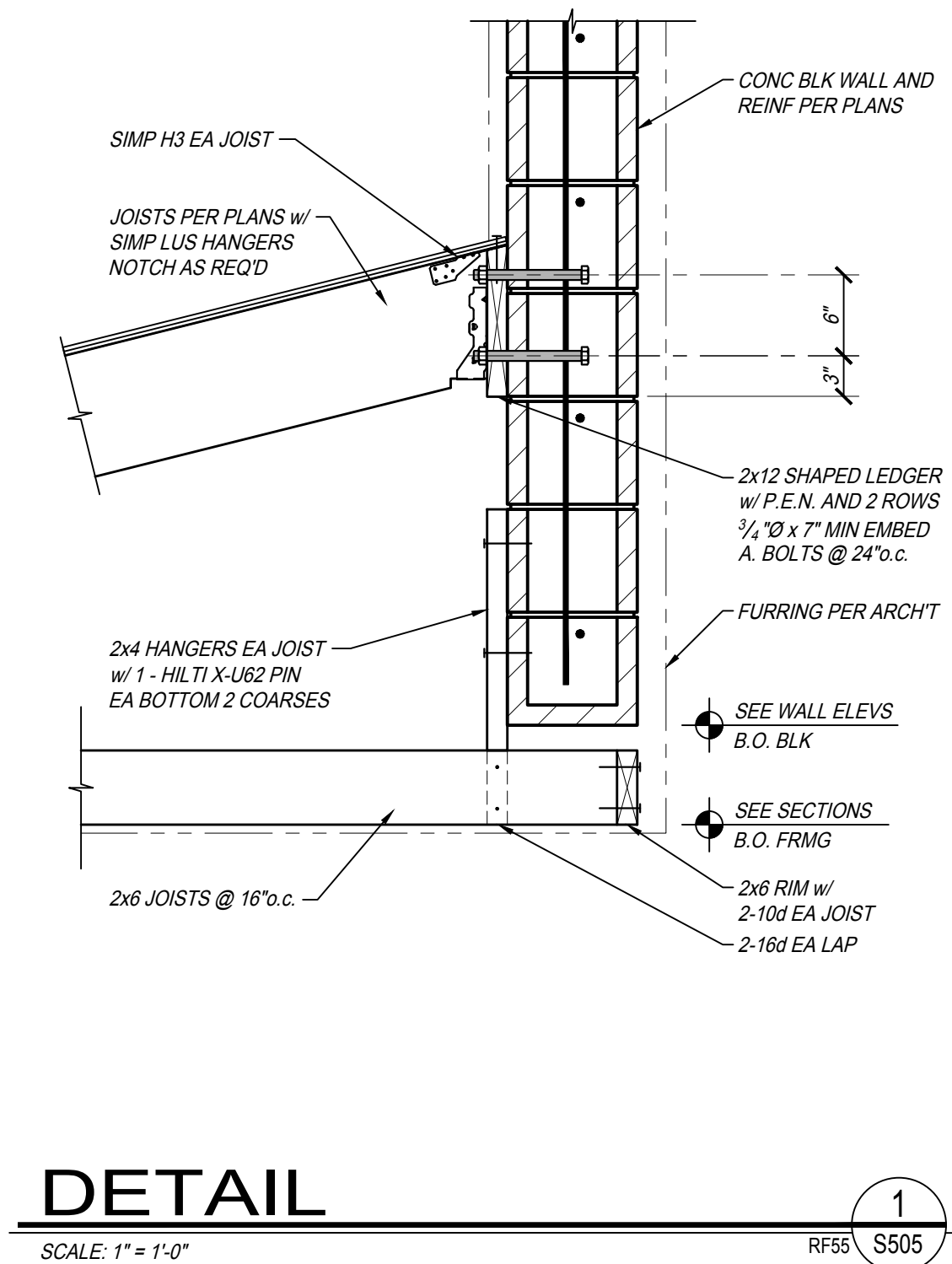
DRAWING SET INFORMATION:

06/19/2020	Plan Check Submittal
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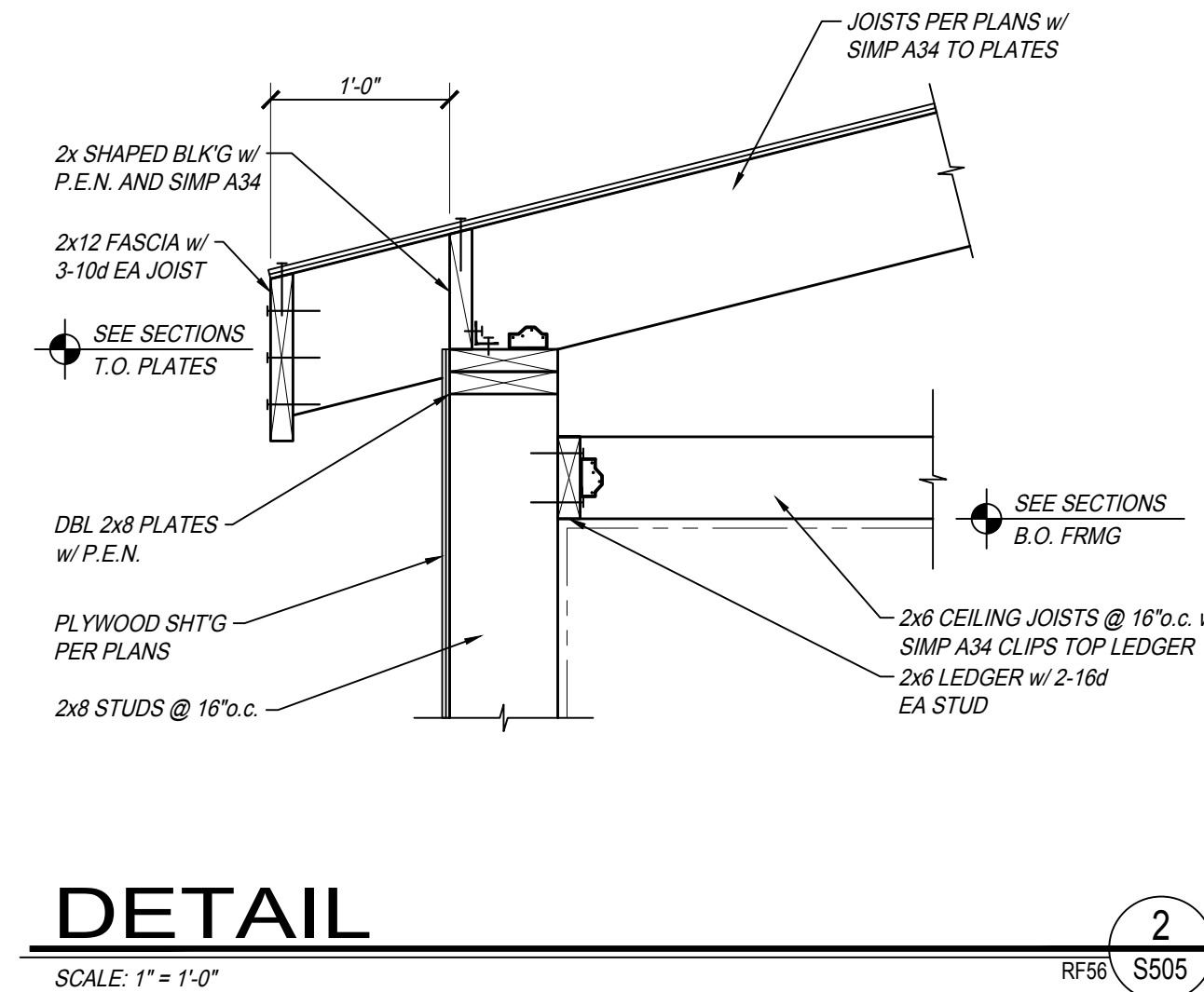
REVISIONS:

8/12/2020	Plan Check Revisions
10/8/2020	Addendum 1
10/28/2020	Addendum 2

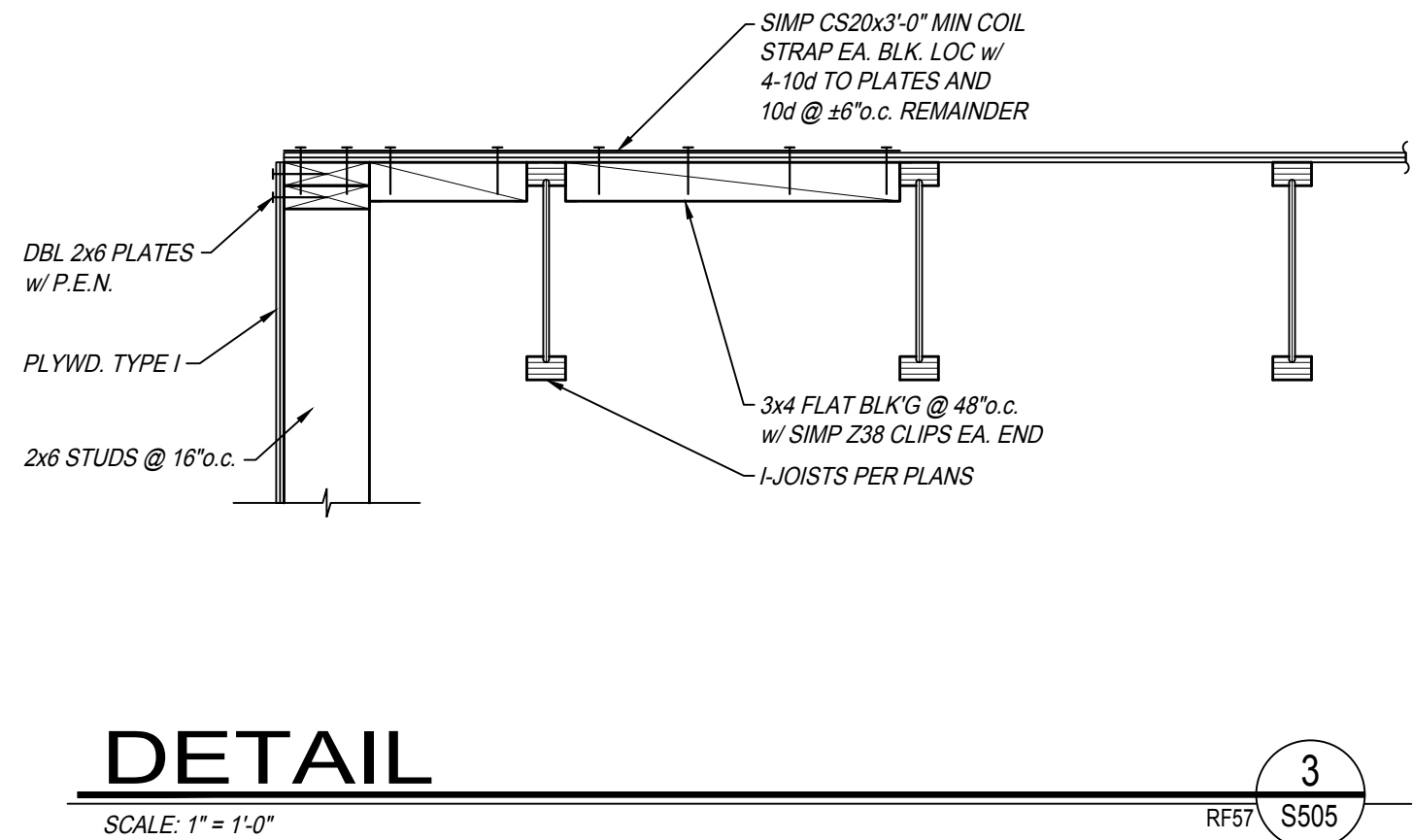
PROJECT NUMBER: 17044.1  
 SHEET NUMBER: AD2 S505



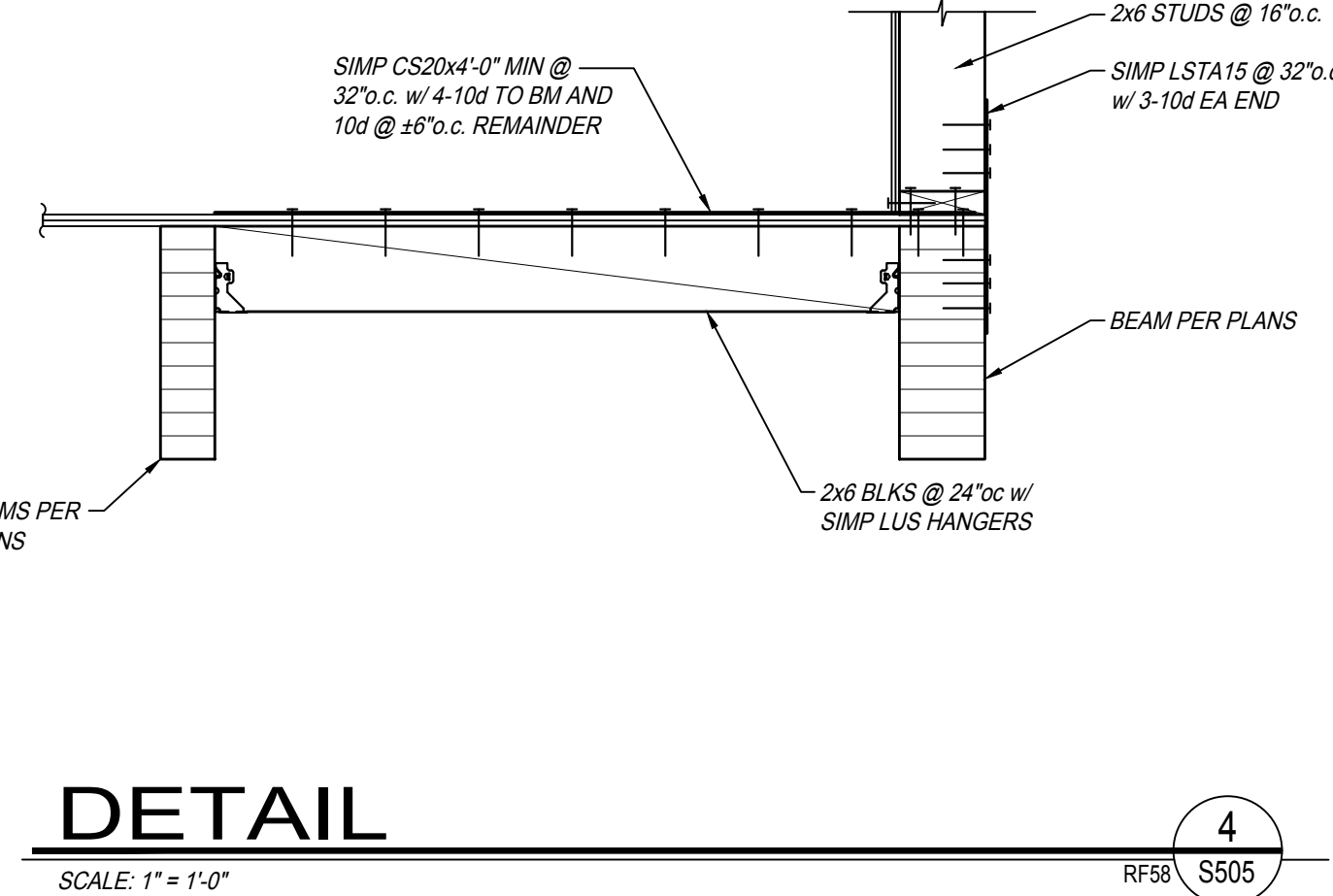
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 RFB6 S505



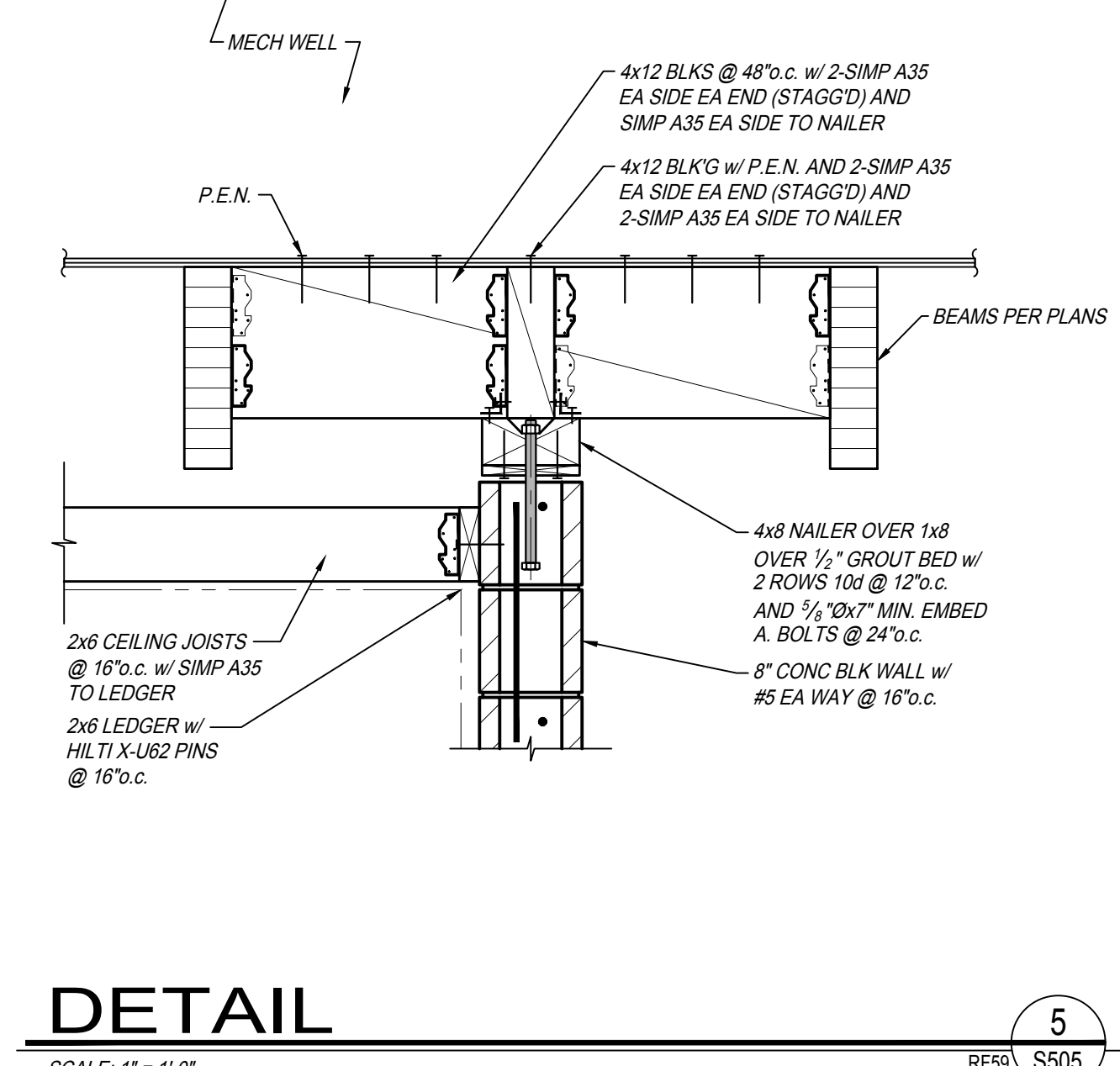
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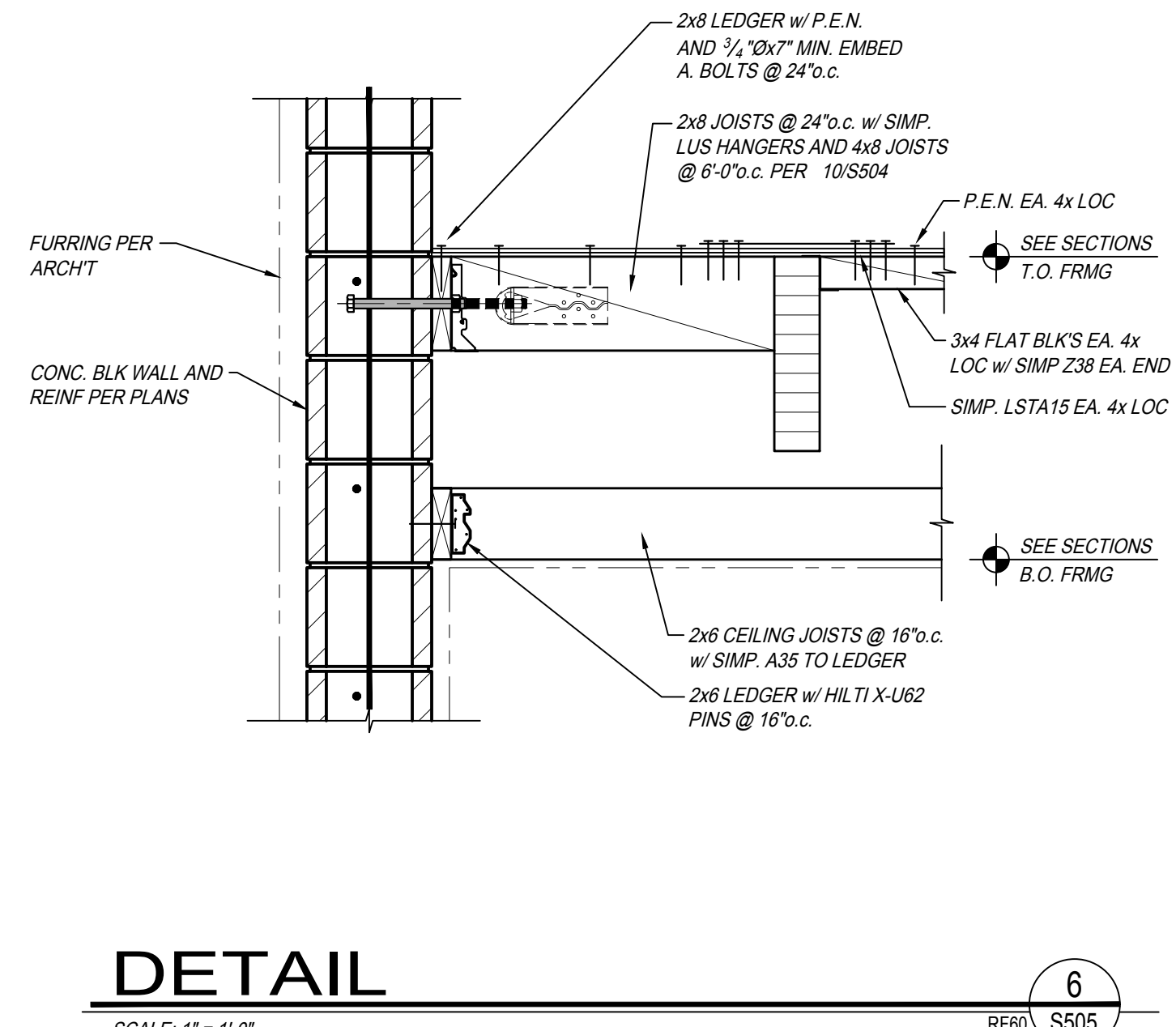
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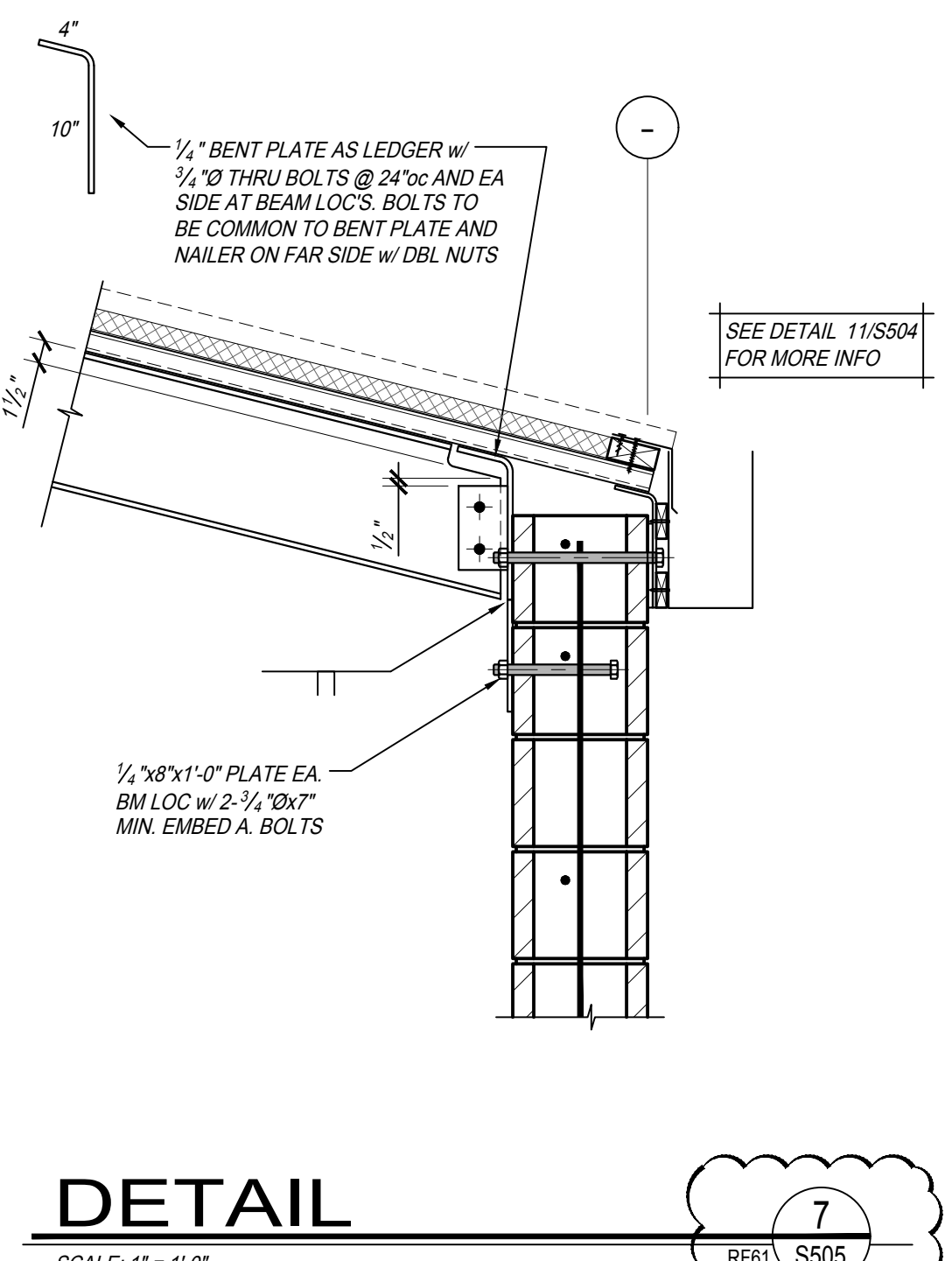
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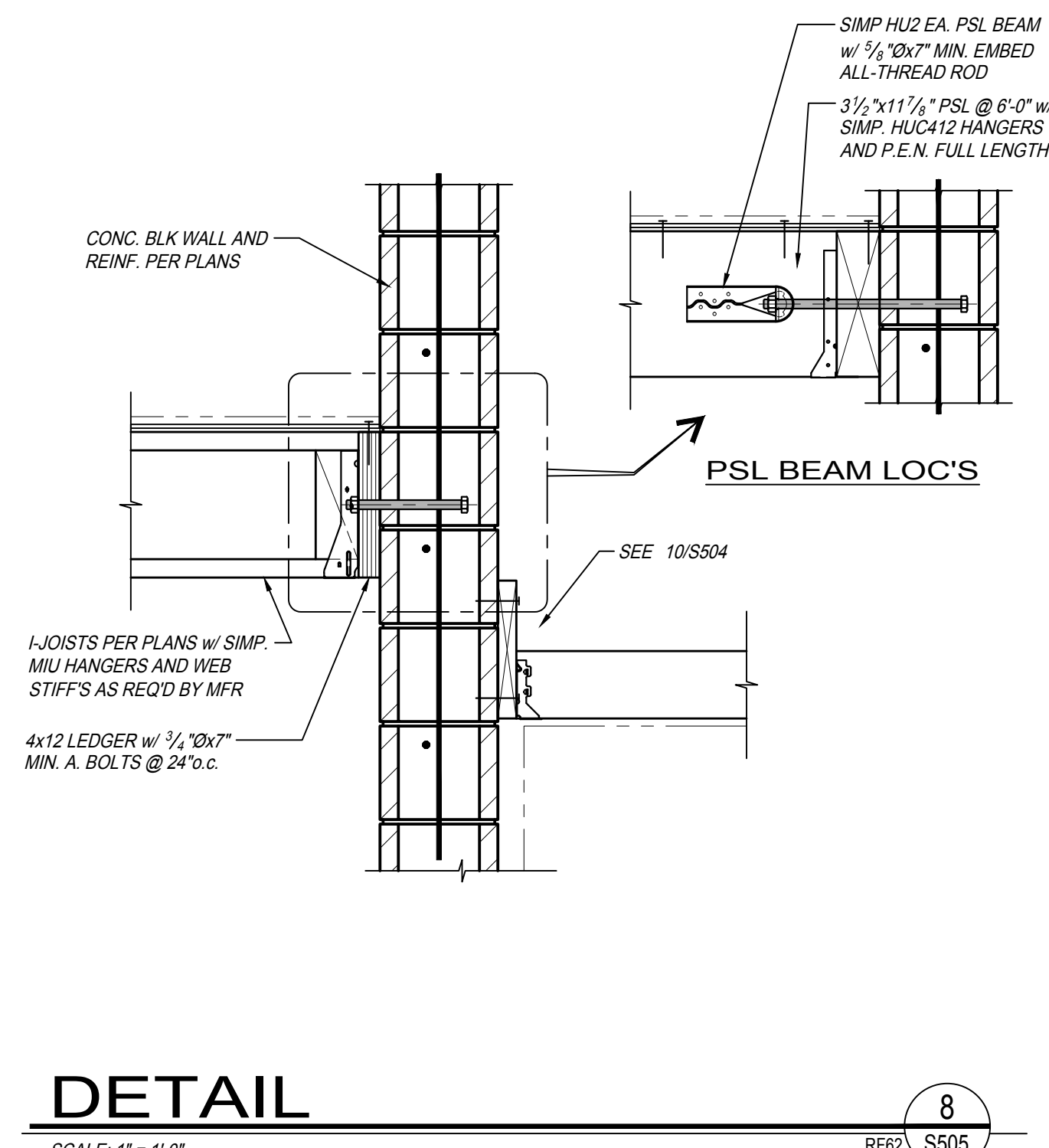
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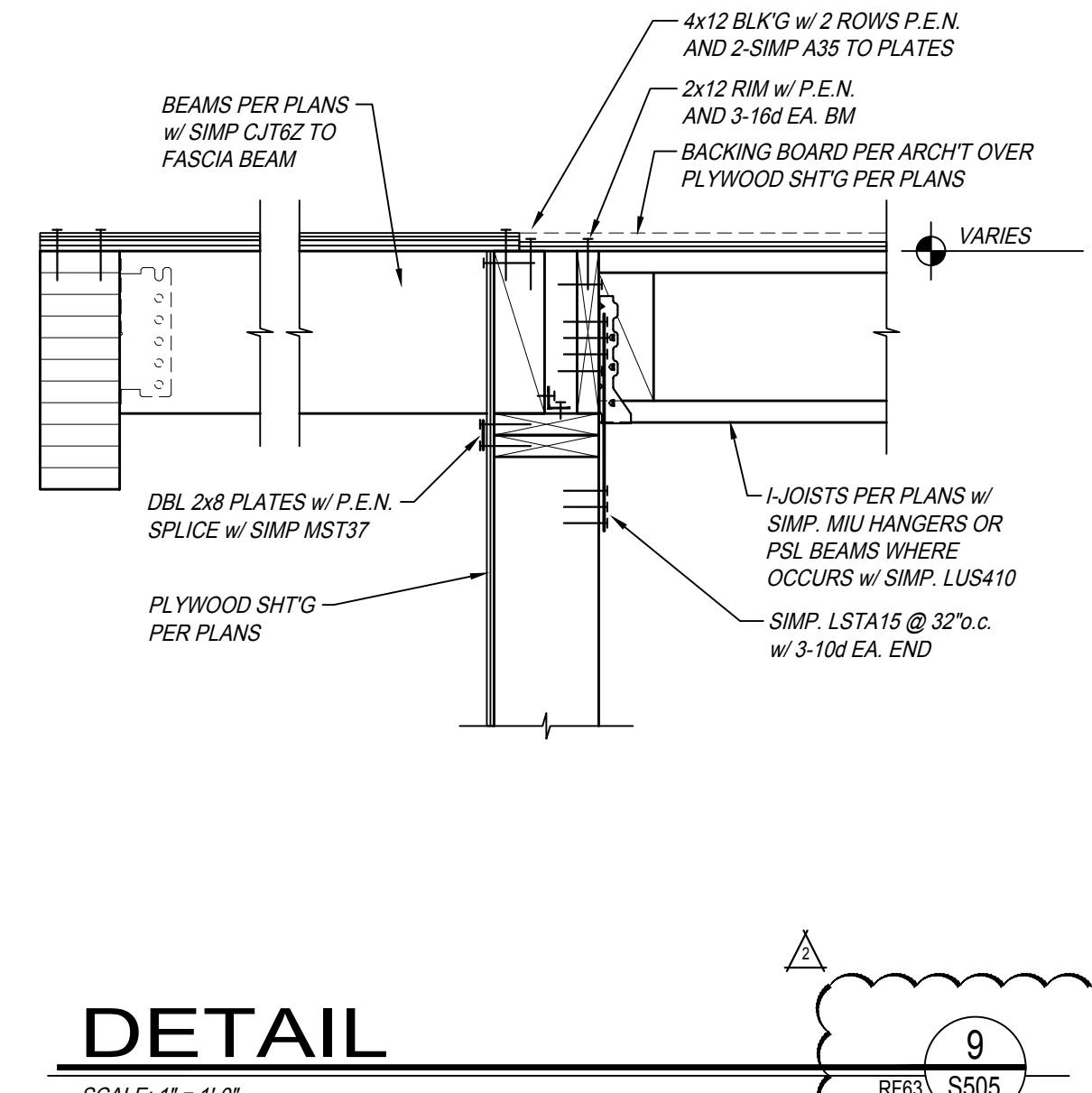
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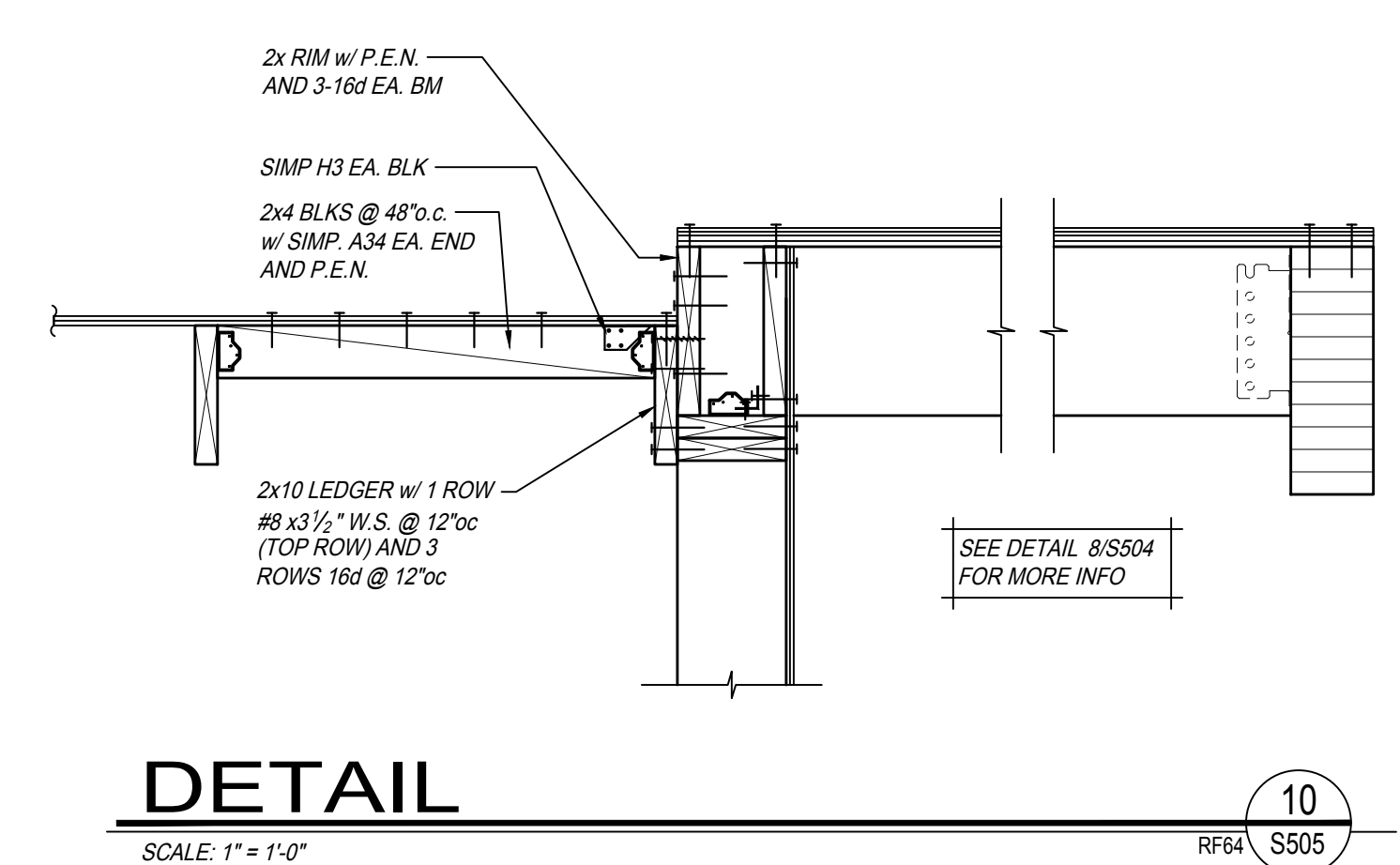
**DETAIL 7**  
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 RFB6 S505



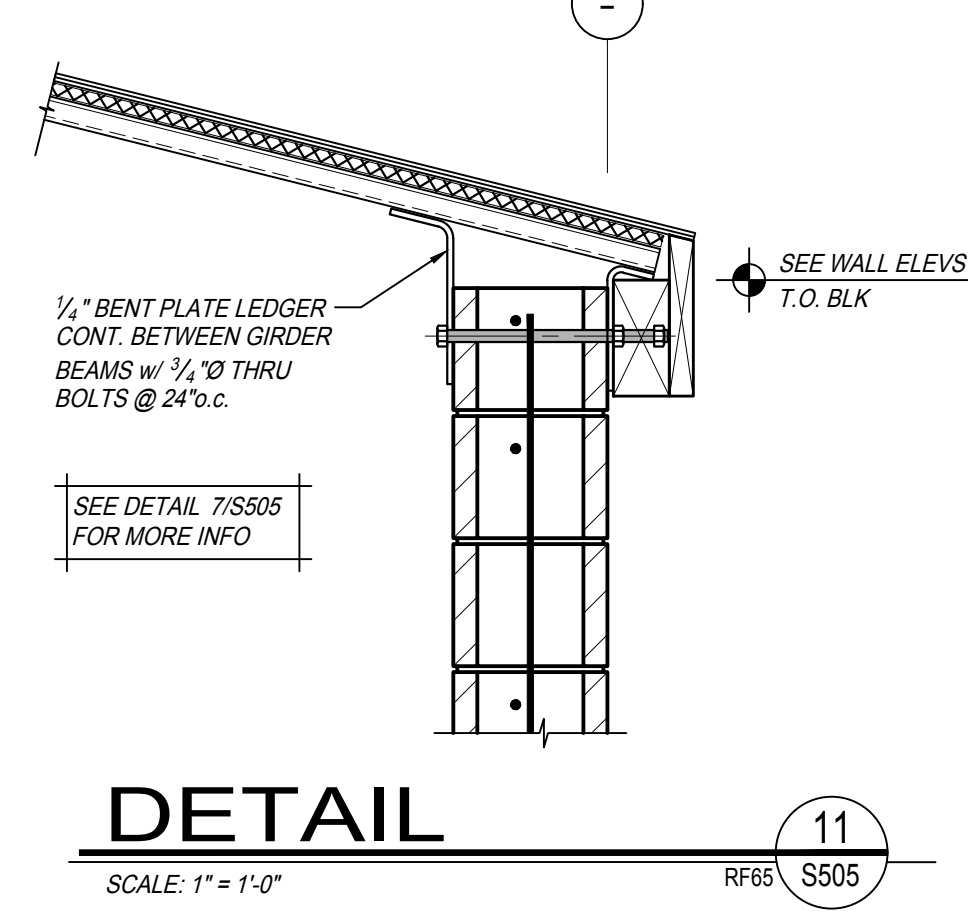
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 RFB2 S505



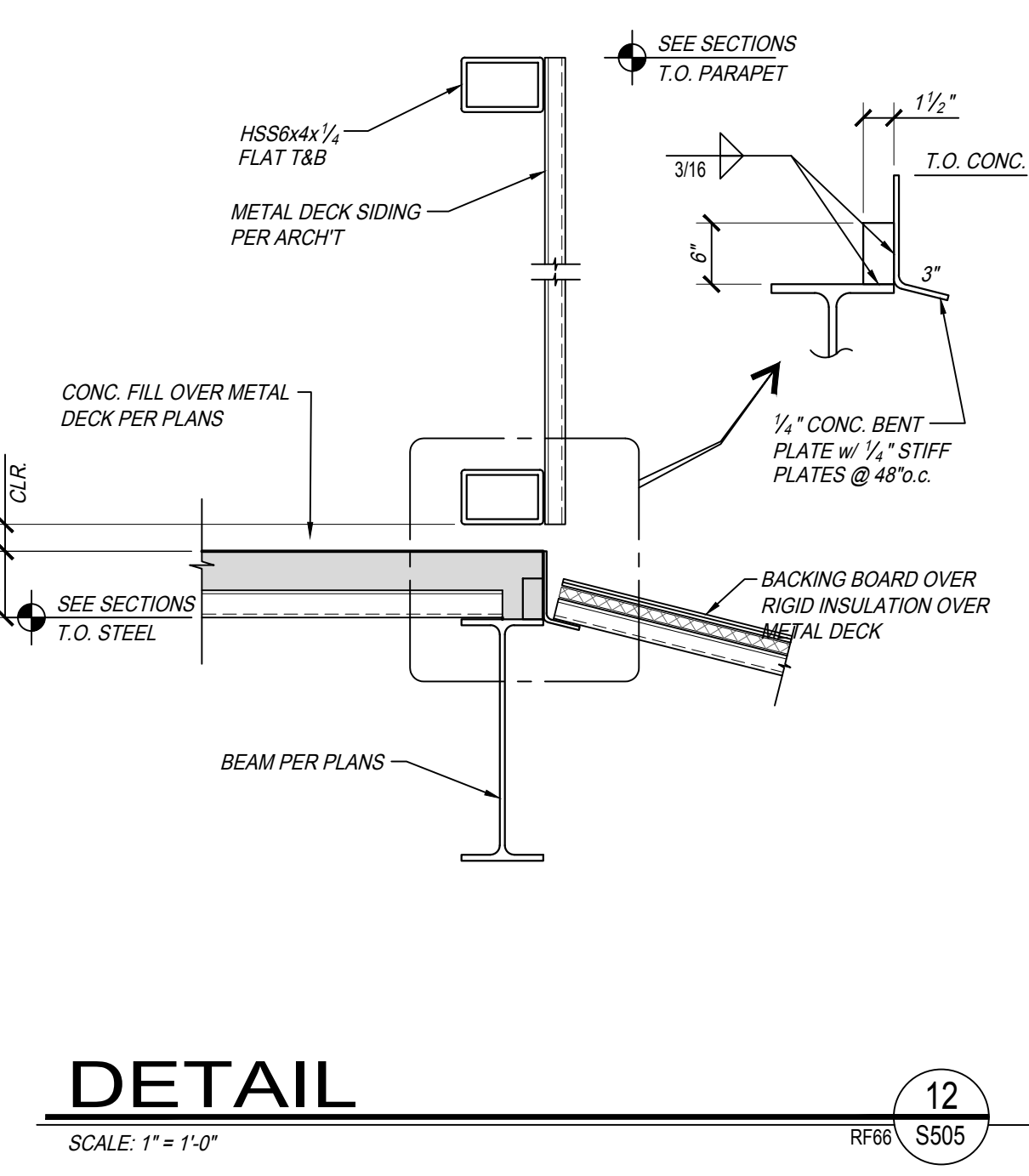
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 RFB3 S505



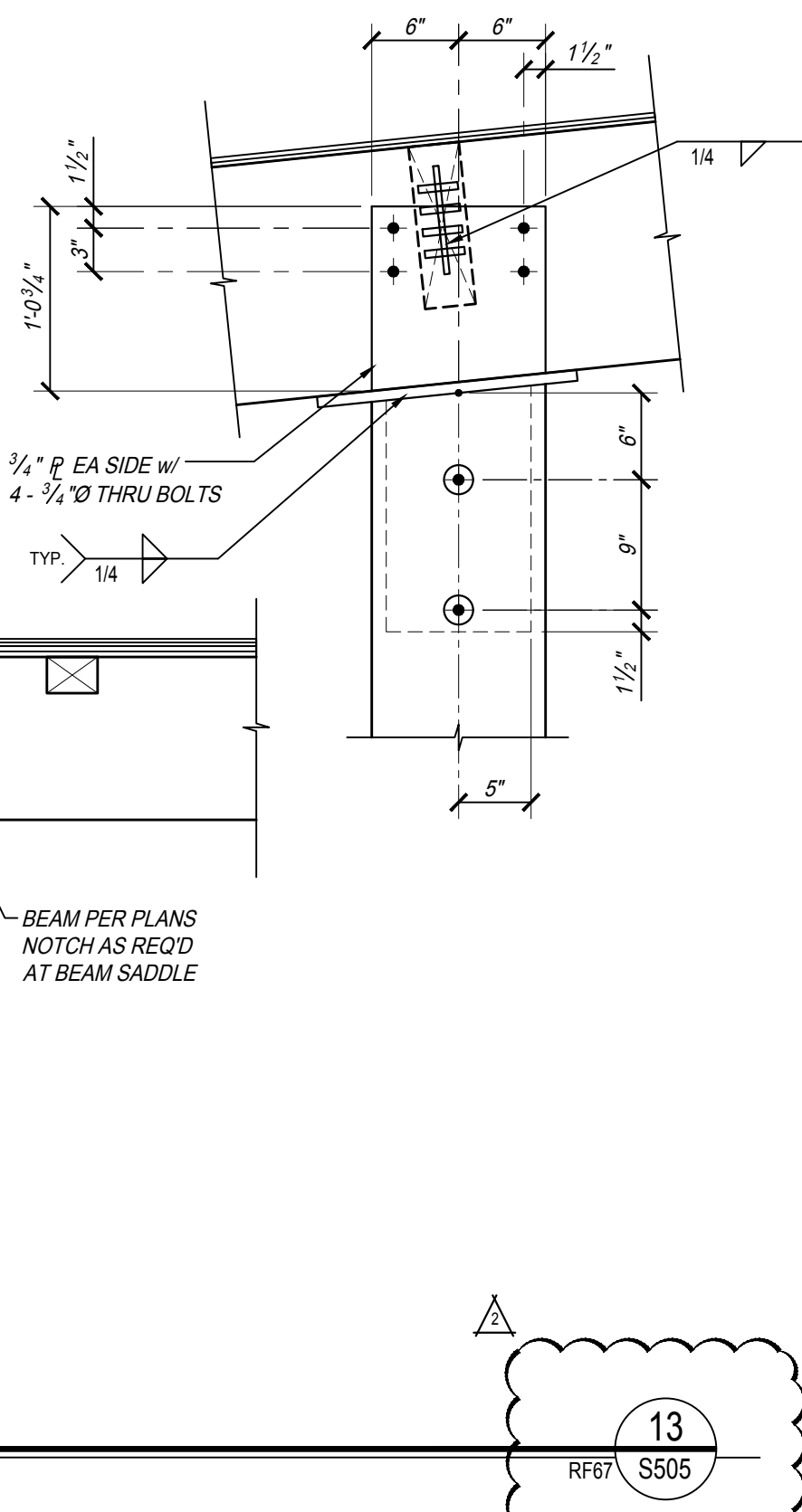
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 RFB4 S505



**DETAIL 11**  
 SCALE: 1" = 1'-0"  
 RFB6 S505



**DETAIL 12**  
 SCALE: 1" = 1'-0"  
 RFB6 S505



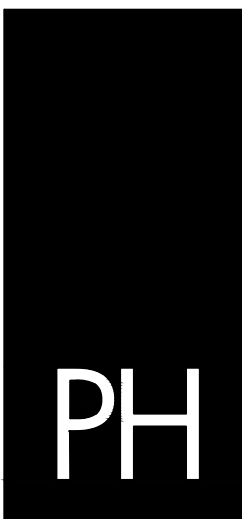
**DETAIL 13**  
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 RFB7 S505

**PARRISH HANSEN**  
 STRUCTURAL ENGINEERS  
 A Division of Provost & Pritchard Consulting Group  
 418 Clovis Ave. Clovis, CA 93612  
 Phone 559-923-1023 Fax 559-323-8090  
 www.parrish-hansen.com

**REGISTERED PROFESSIONAL ENGINEER**  
 No. S2331  
 Exp. 3/21/2020  
 STRUCTURAL  
 STATE OF CALIFORNIA

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ADDENDUM 02

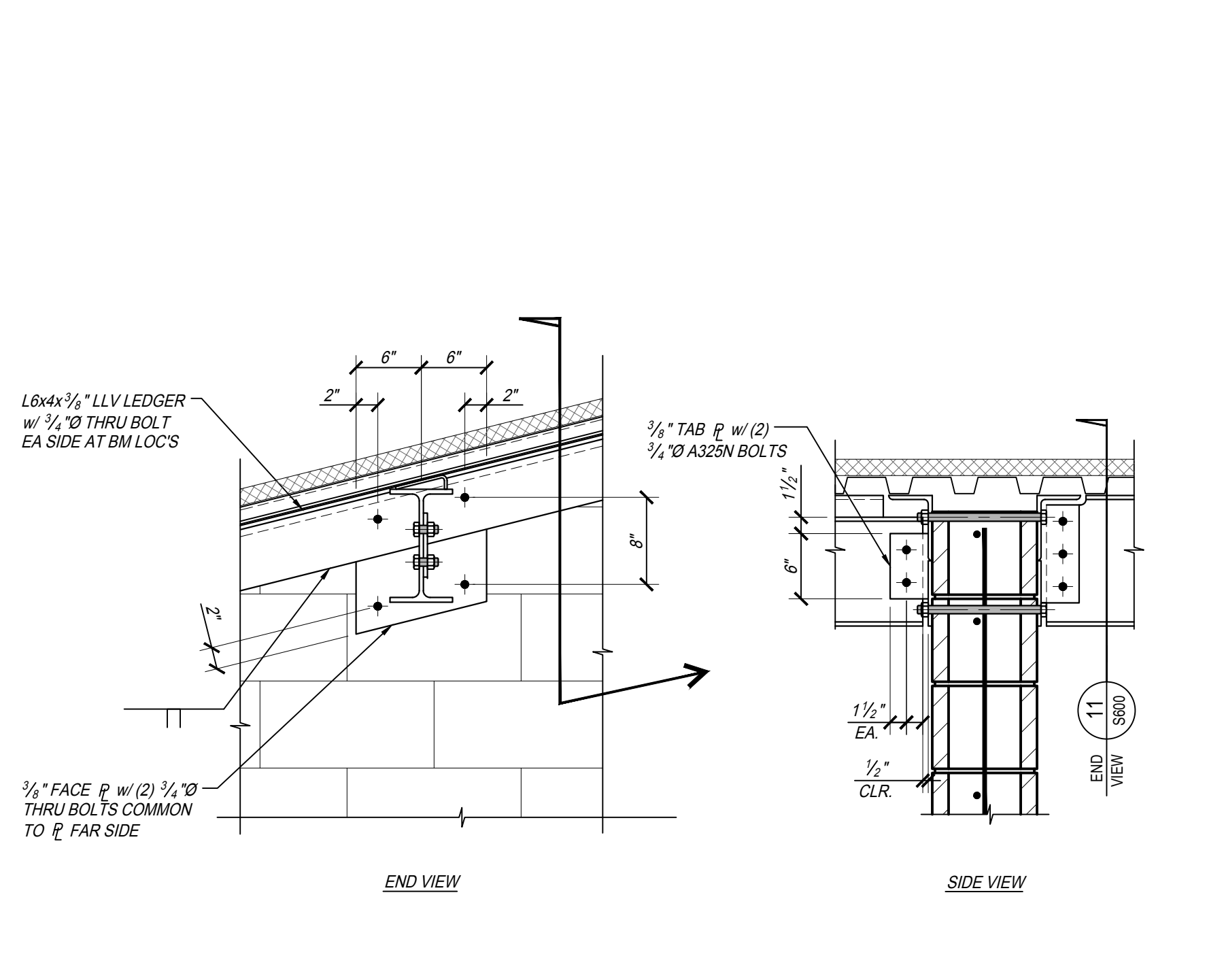


**PAUL HALAJIAN ARCHITECTS**  
 389 Clovis Ave, Suite 200  
 Clovis, CA 93612-1185  
 T: 559.237.7900 F: 559.237.9750  
 www.halajianarch.com

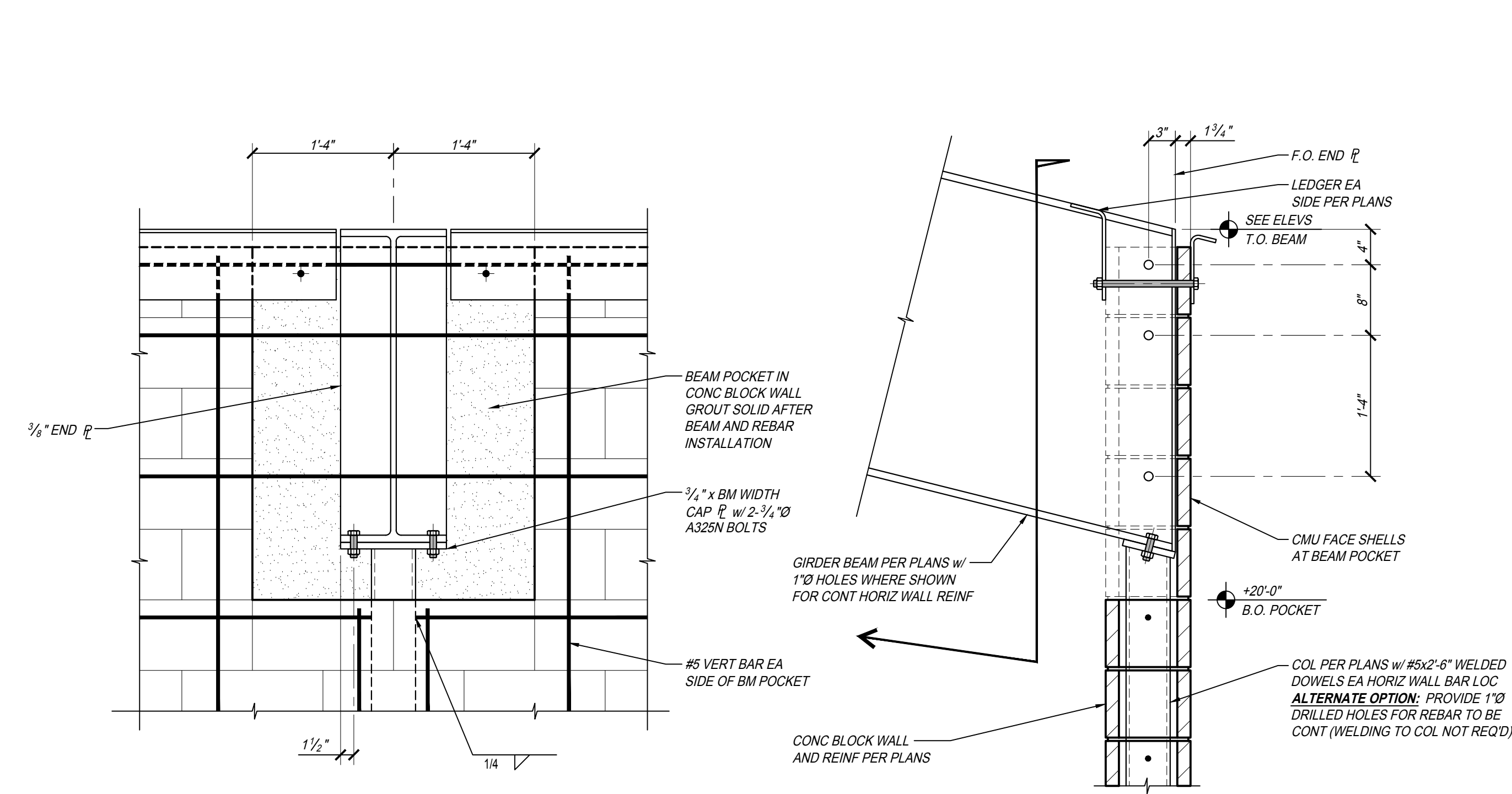


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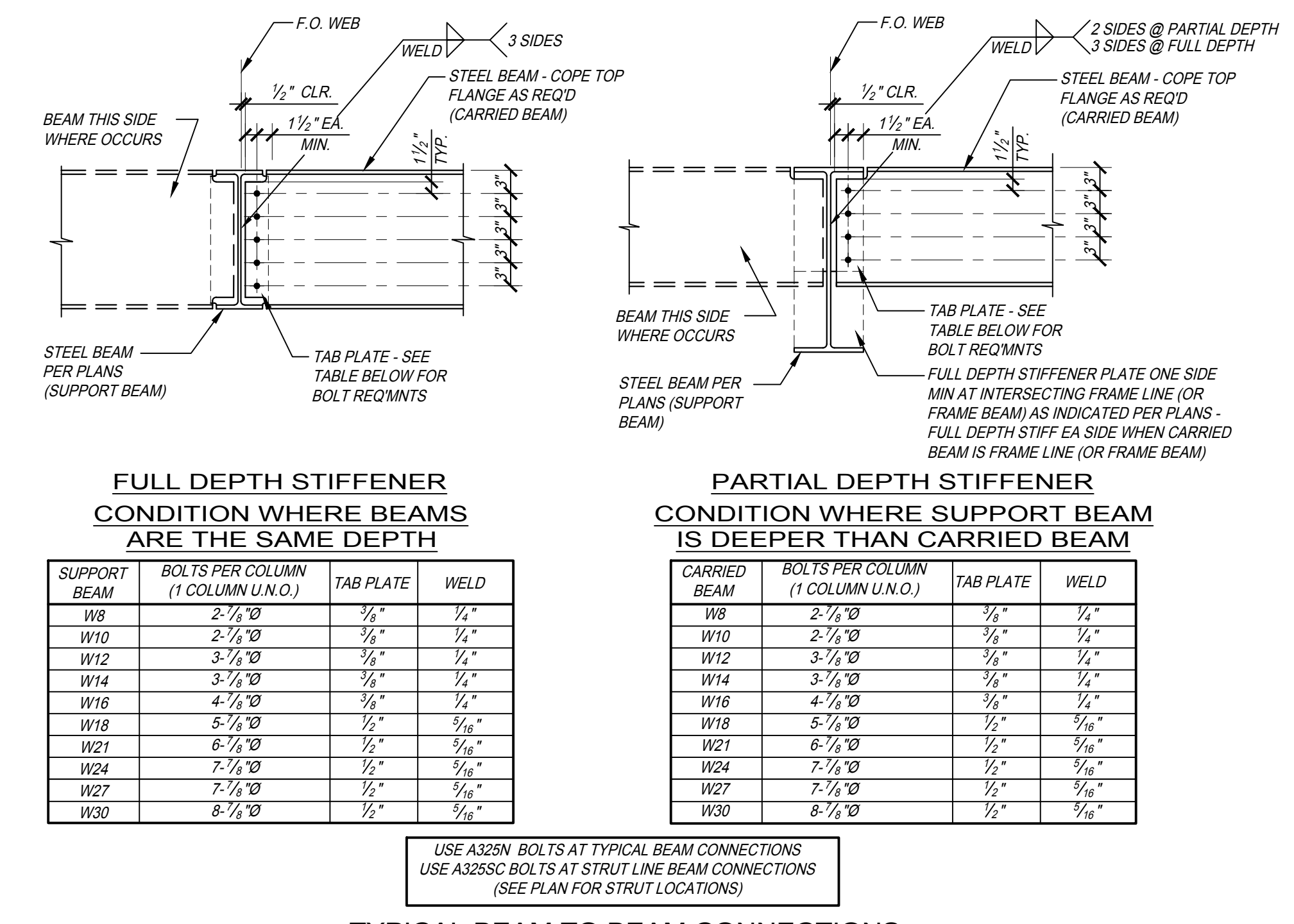
**PROJECT:**  
**City of Clovis Senior Activity Center and Transit Center**  
 735 Third Street  
 Clovis, CA 93612  
**SHEET: BEAM DETAILS**



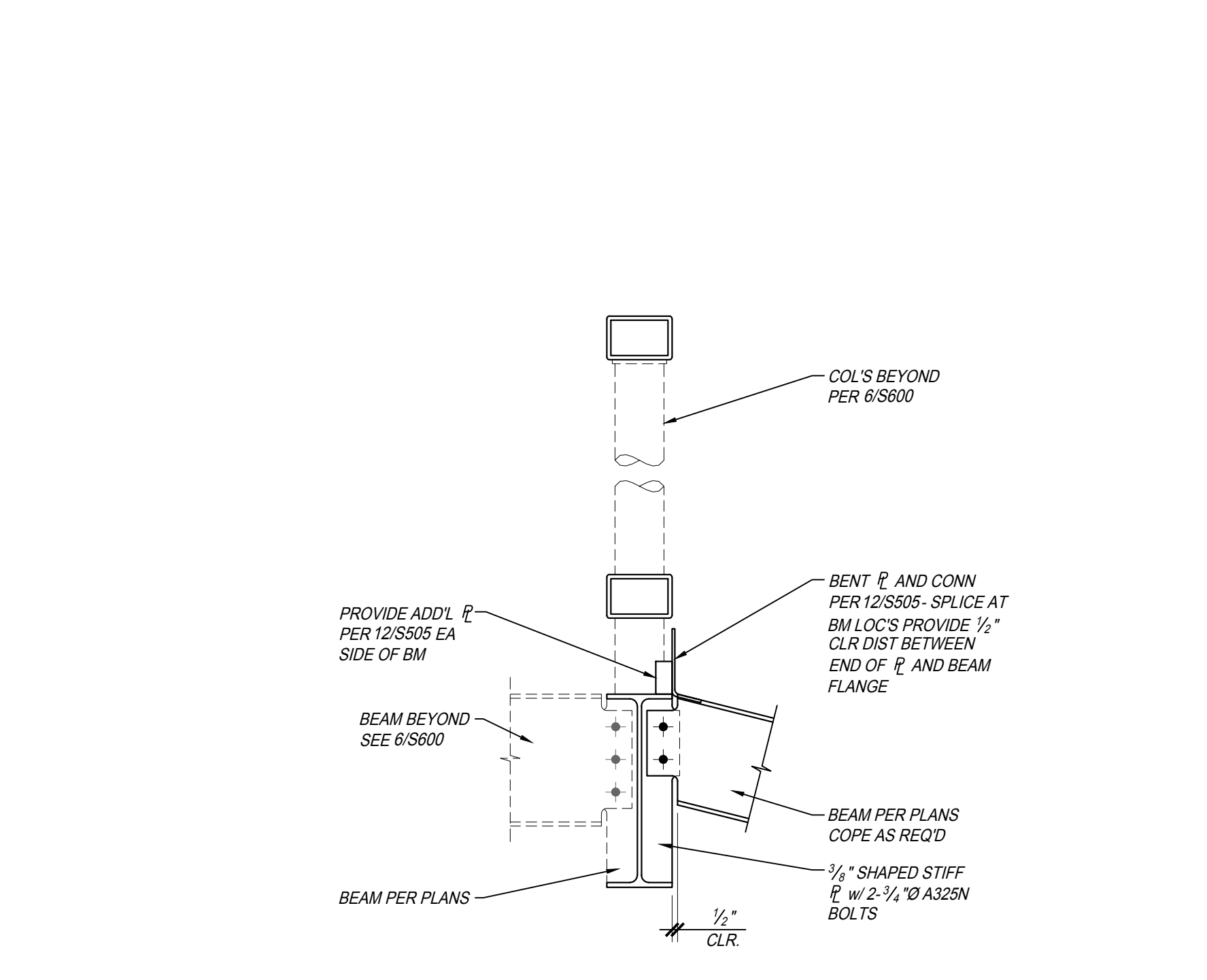
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 BM02 S600



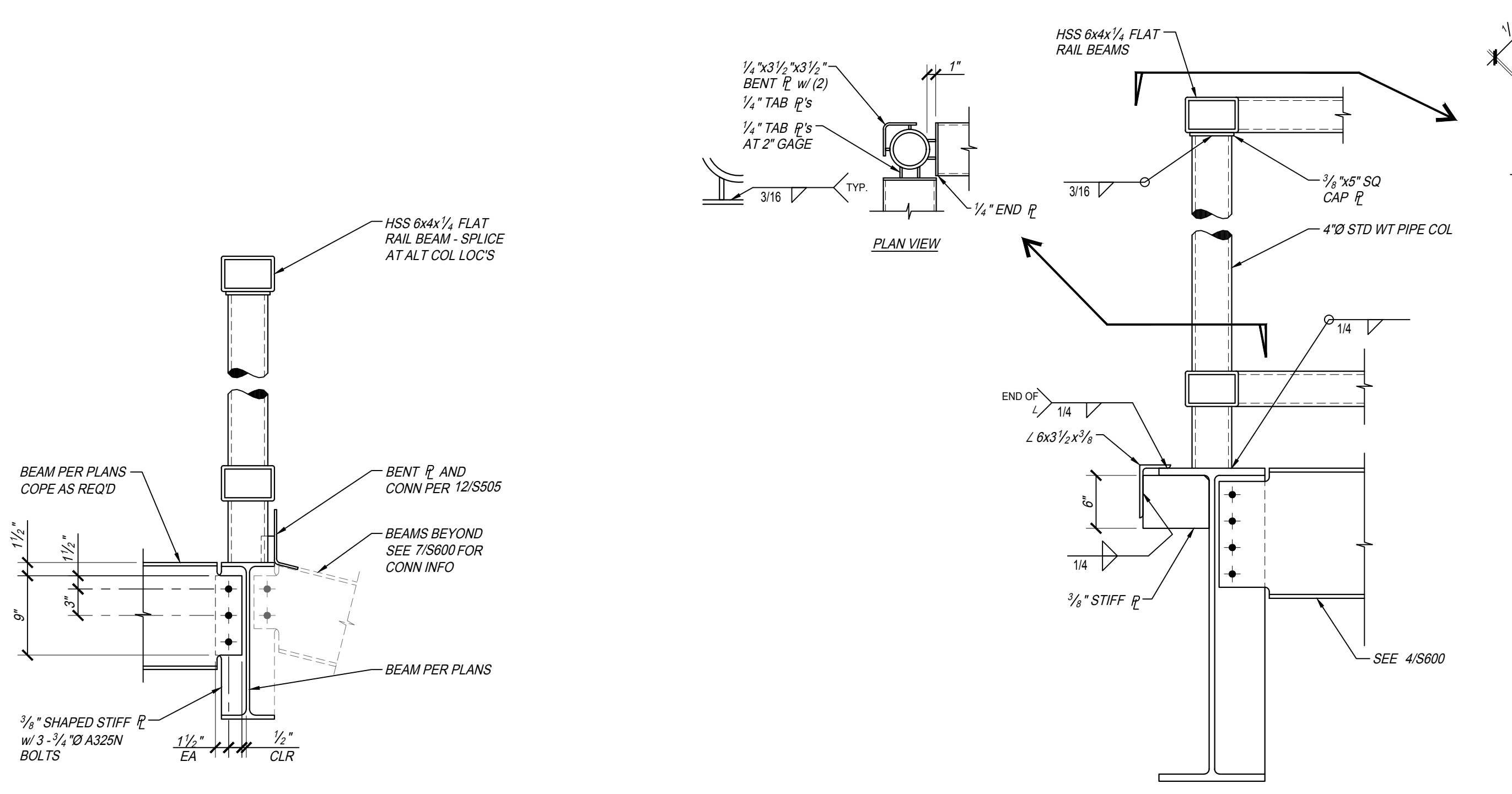
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 BM01 S600



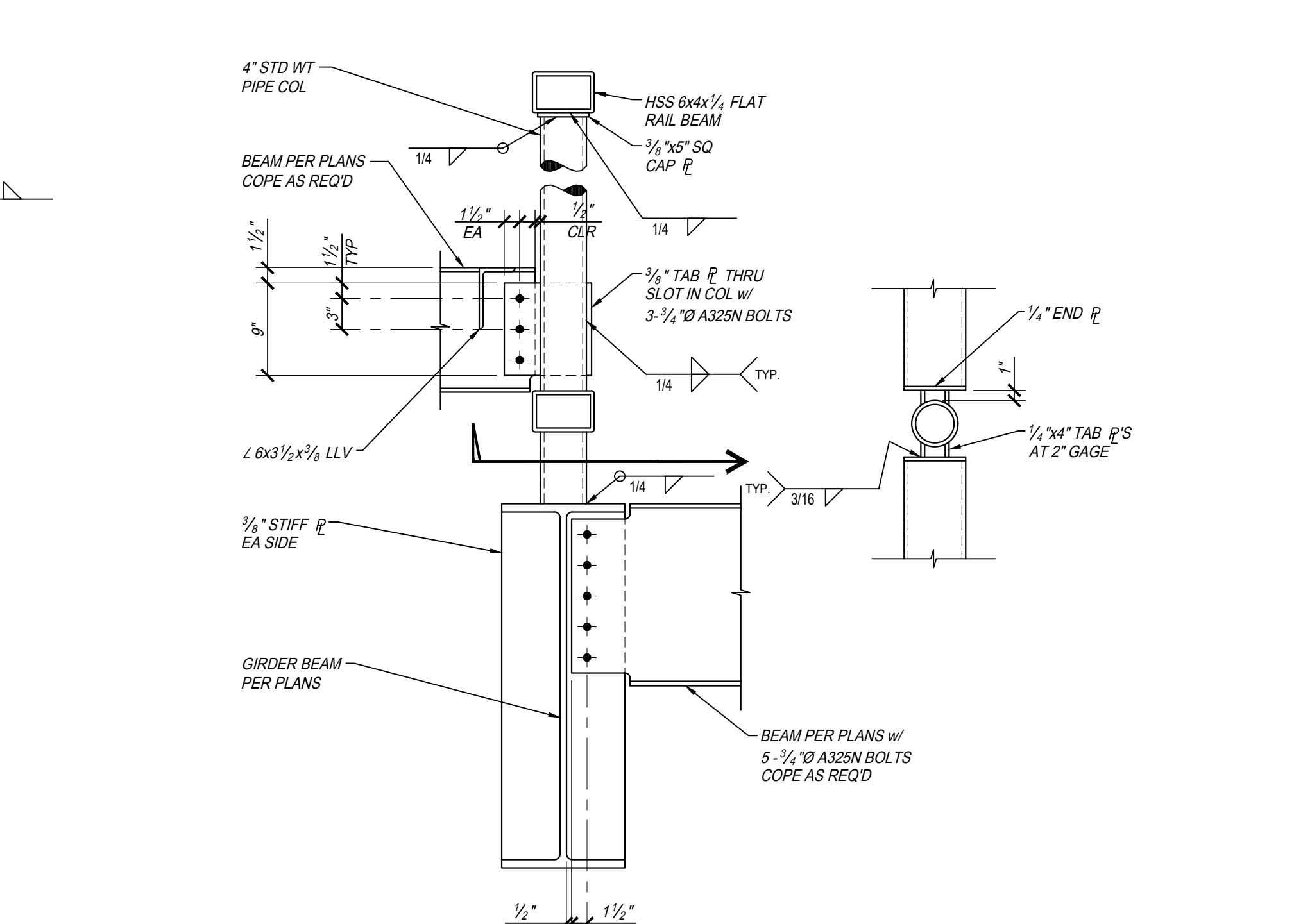
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 TSTEE1 S600



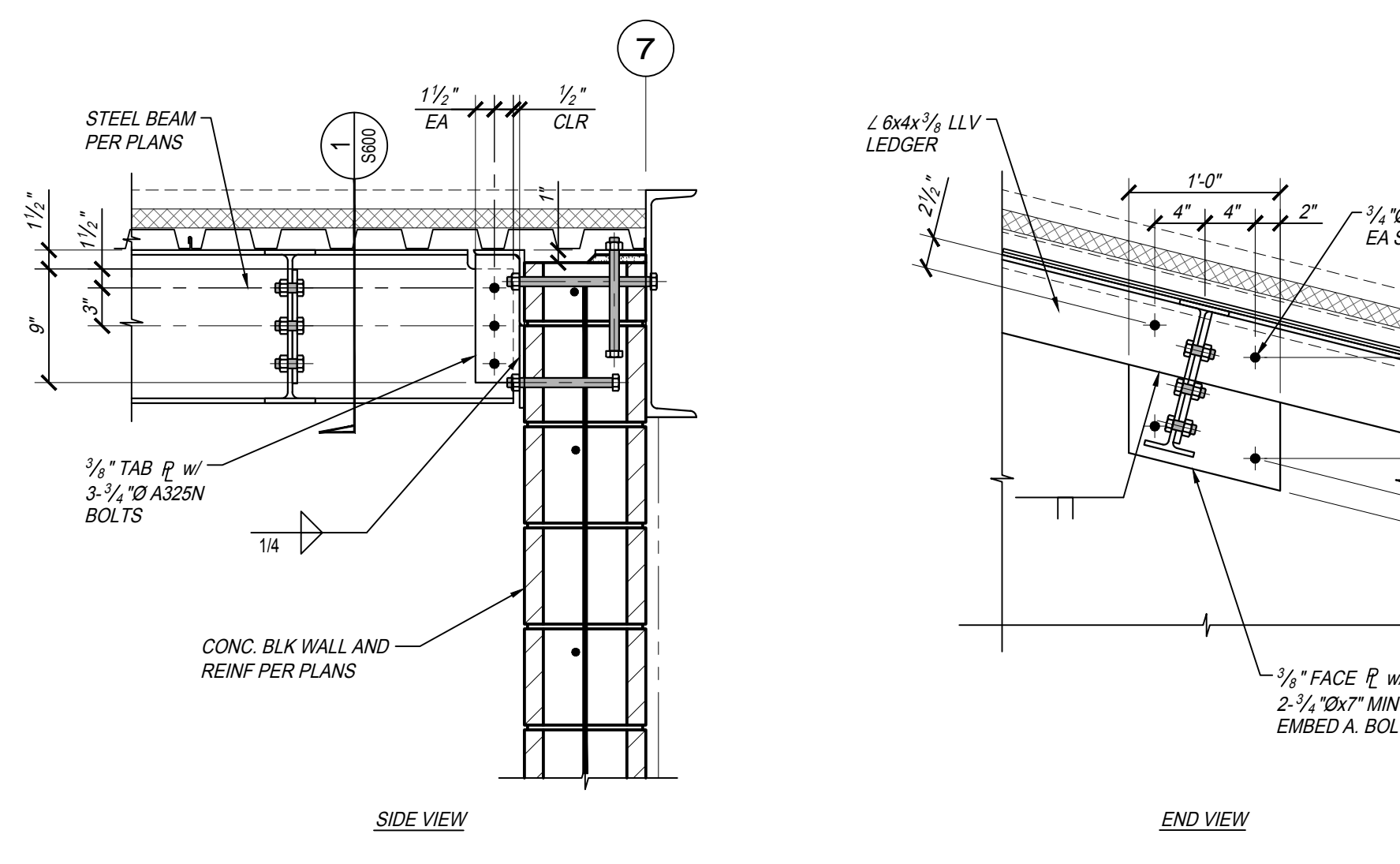
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 BM06 S600



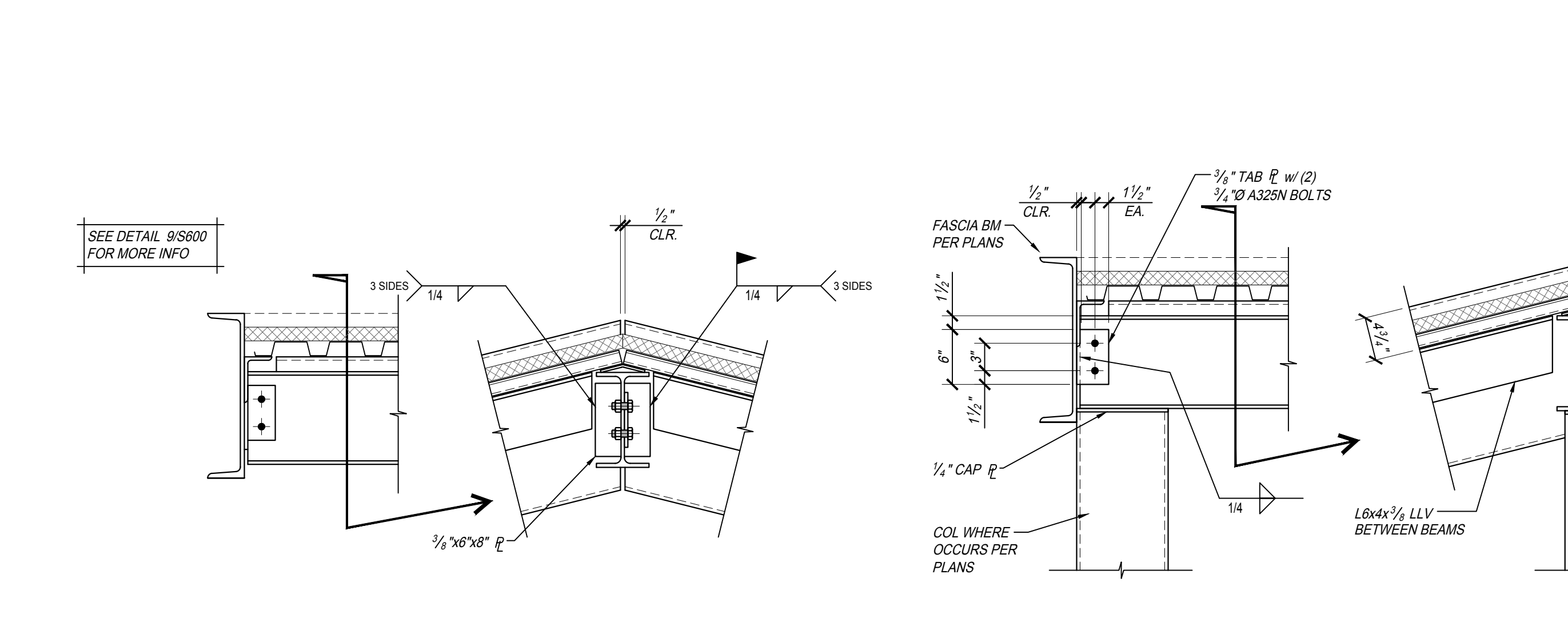
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 BM05 S600



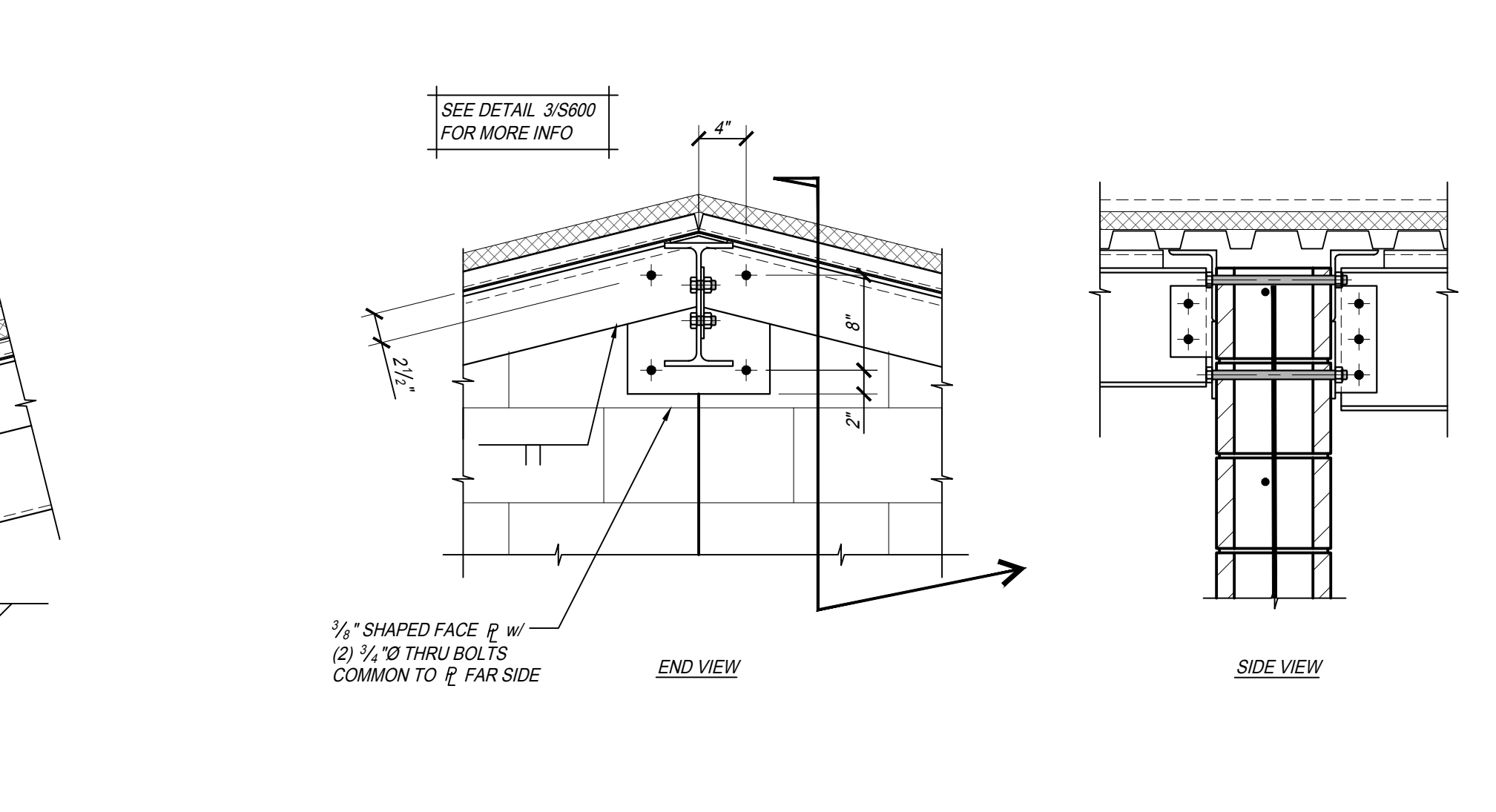
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 BM03 S600



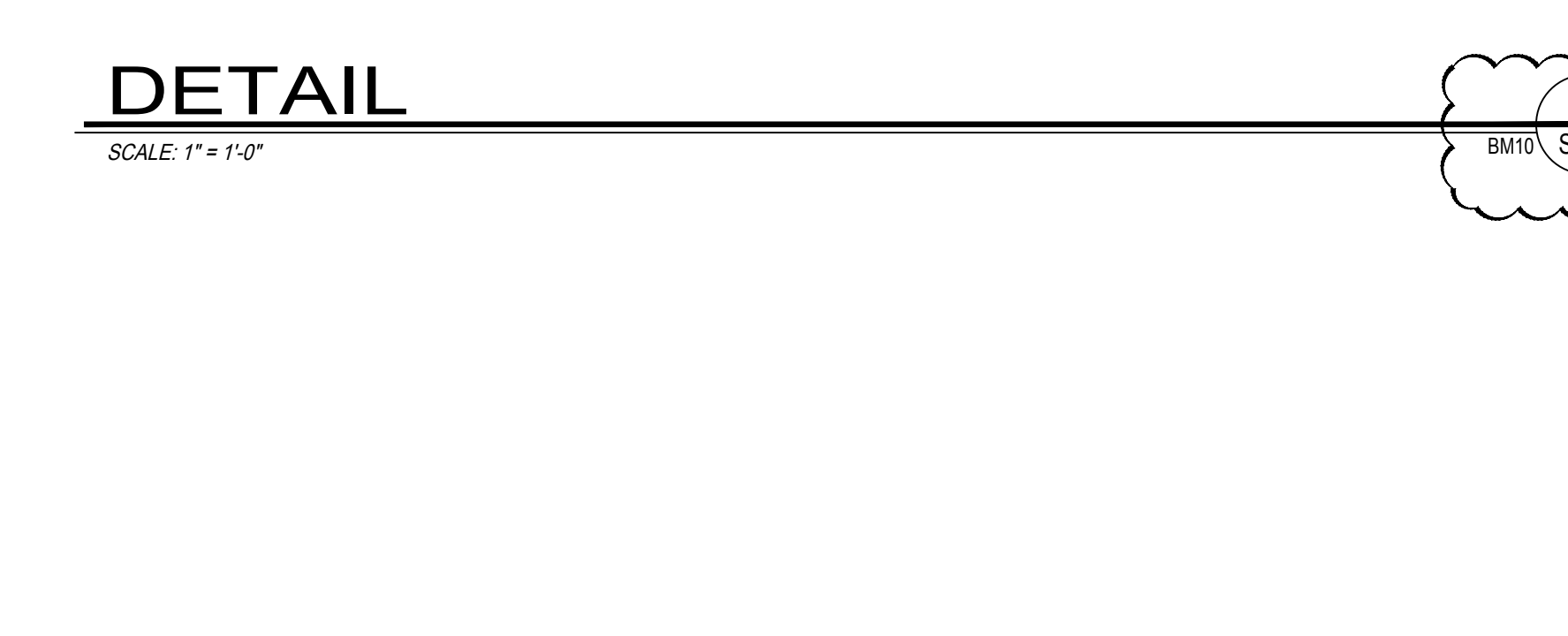
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 BM10 S600



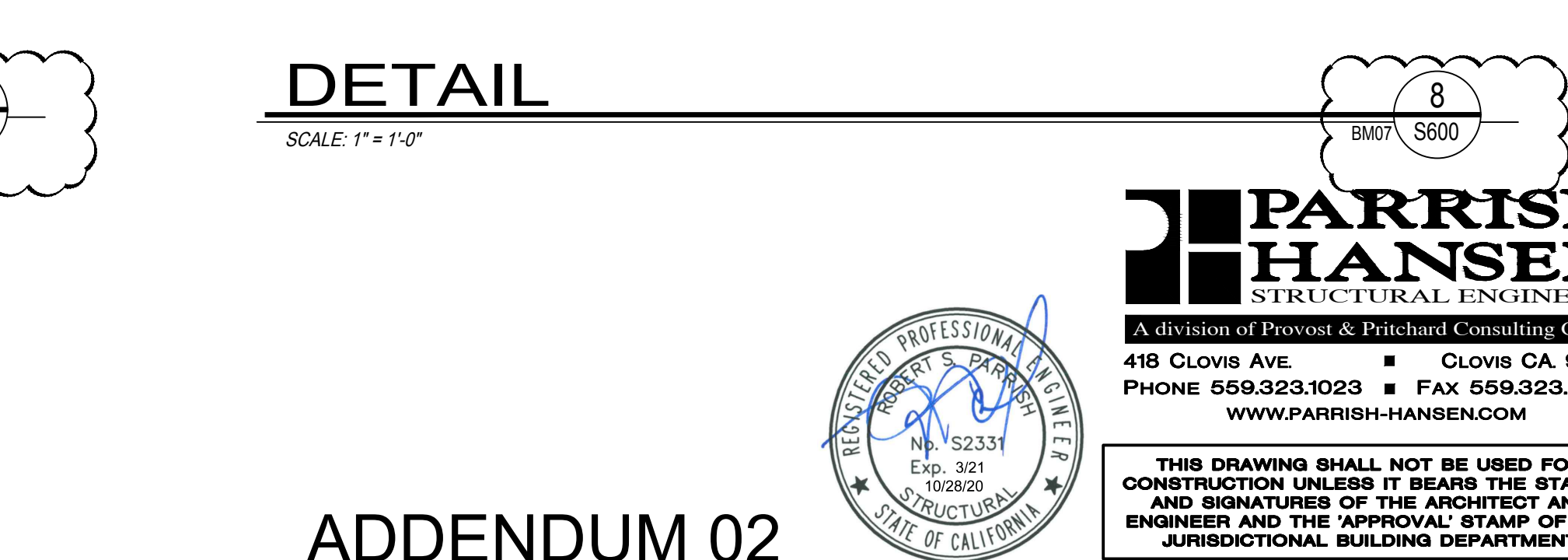
**DETAIL 10**  
 SCALE: 1" = 1'-0"  
 BM08 S600



**DETAIL 8**  
 SCALE: 1" = 1'-0"  
 BM07 S600



**DETAIL 9**  
 SCALE: 1" = 1'-0"  
 BM09 S600



**DETAIL 9**  
 SCALE: 1" = 1'-0"  
 BM09 S600



**PARRISH HANSEN**  
 STRUCTURAL ENGINEERS  
 A Division of Provost & Pritchard Consulting Group  
 418 Clovis Ave Clovis, CA 93612  
 Phone 559.323.1023 Fax 559.323.8090  
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ADDENDUM 02

**DRAWING SET INFORMATION:**

06/19/2020	Plan Check Submittal
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**REVISIONS:**

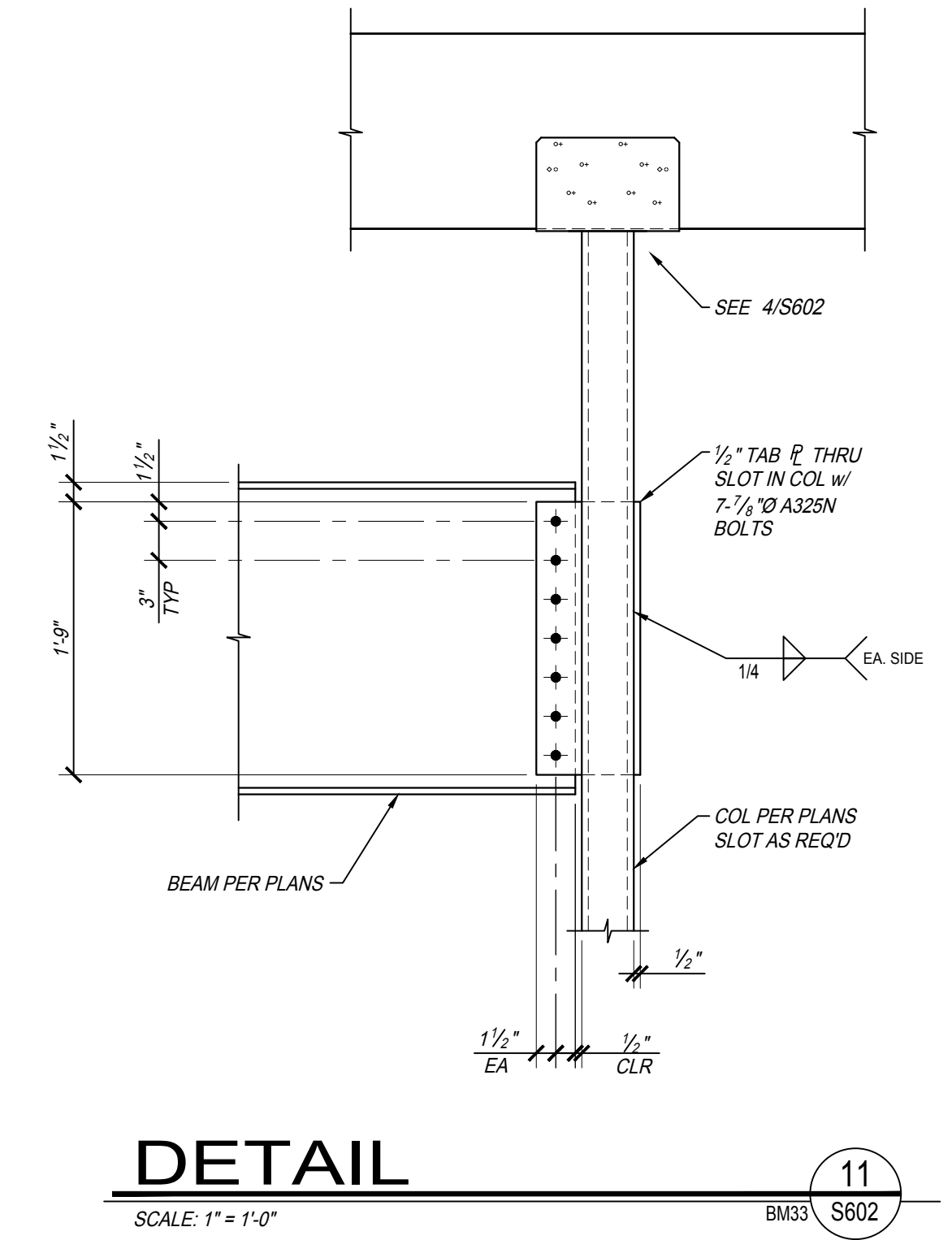
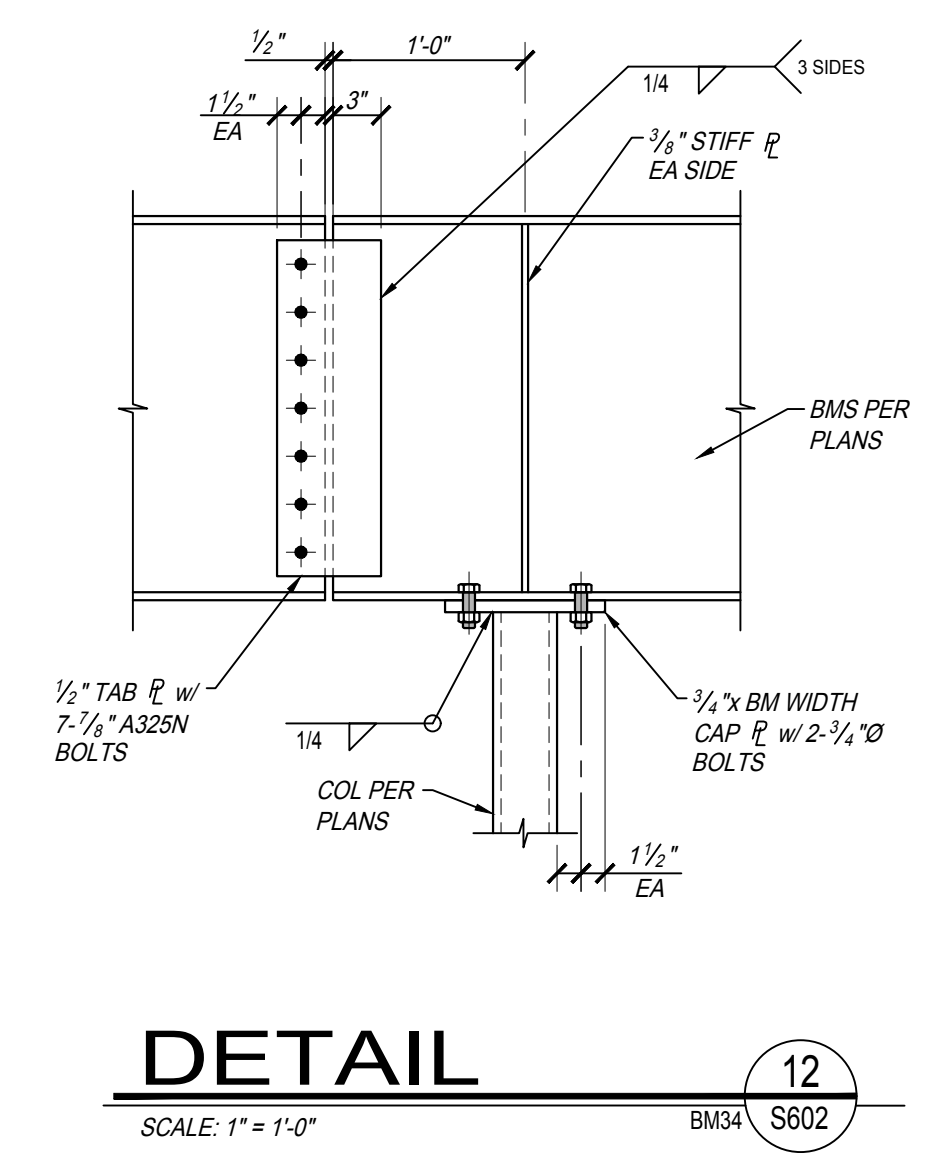
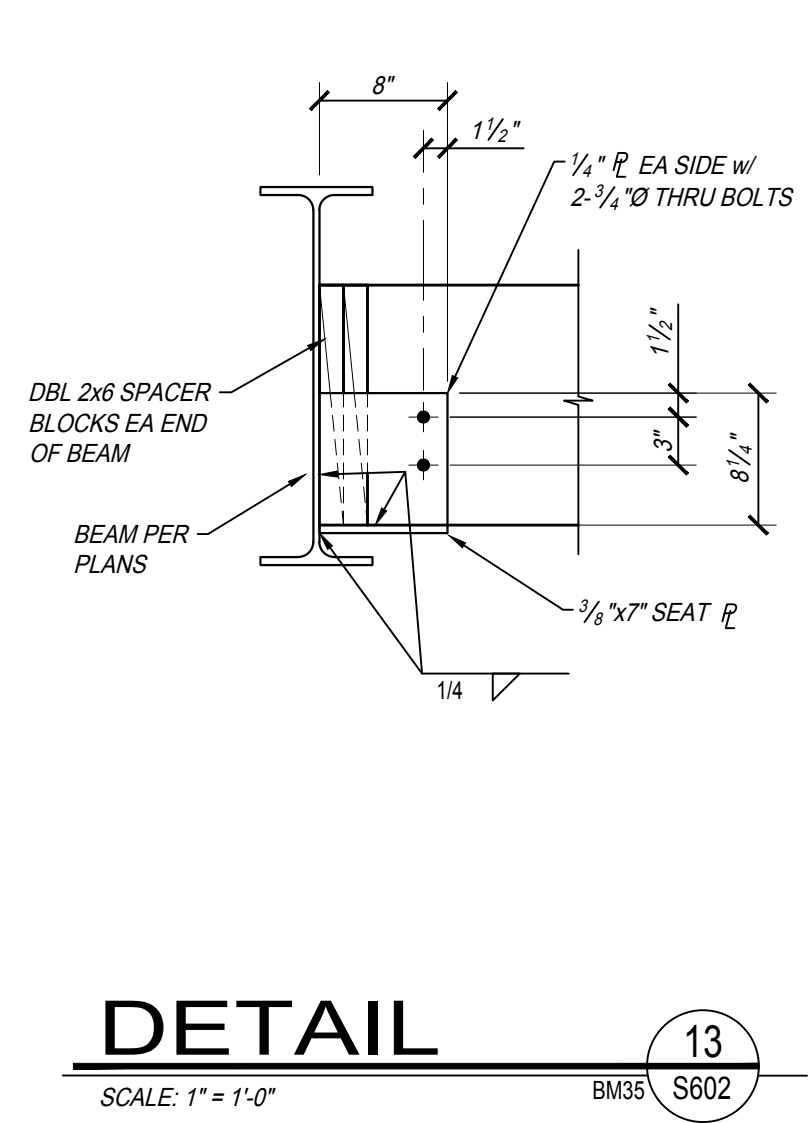
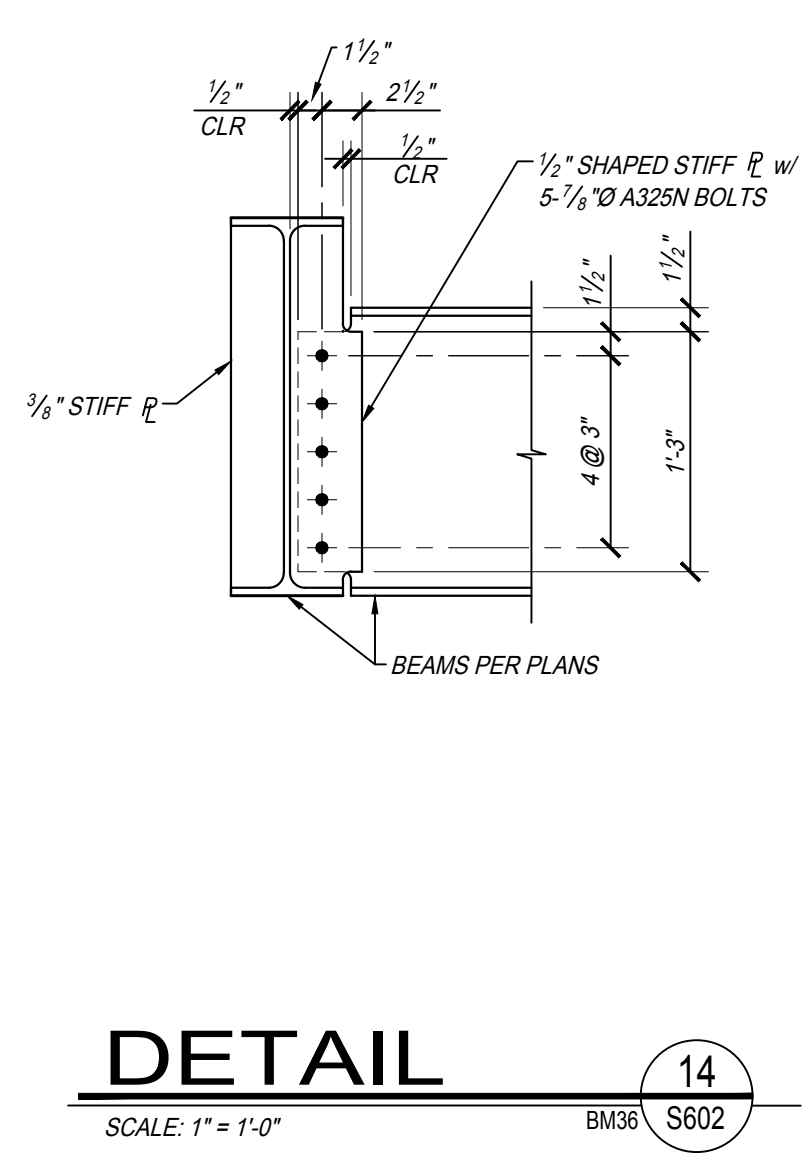
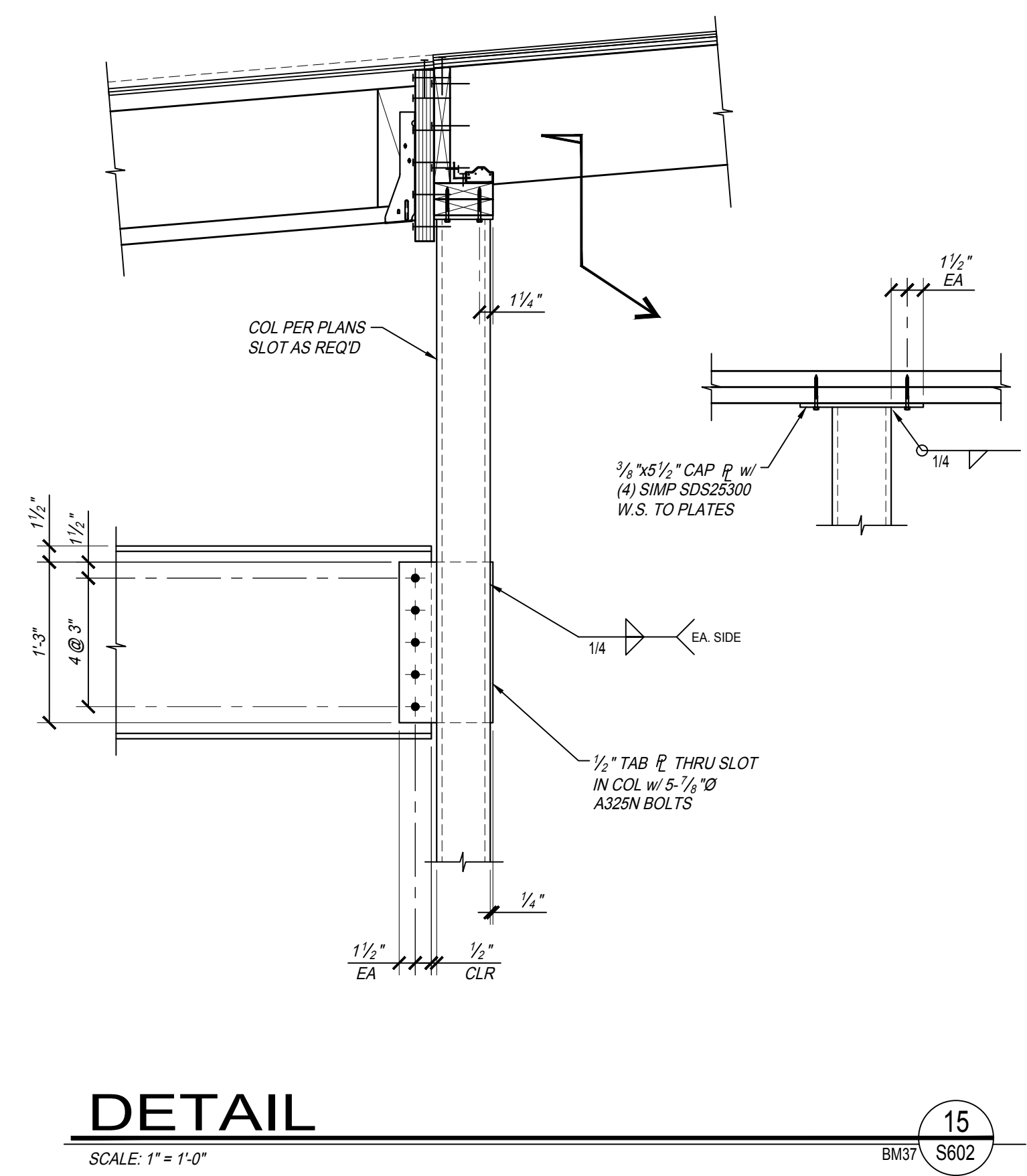
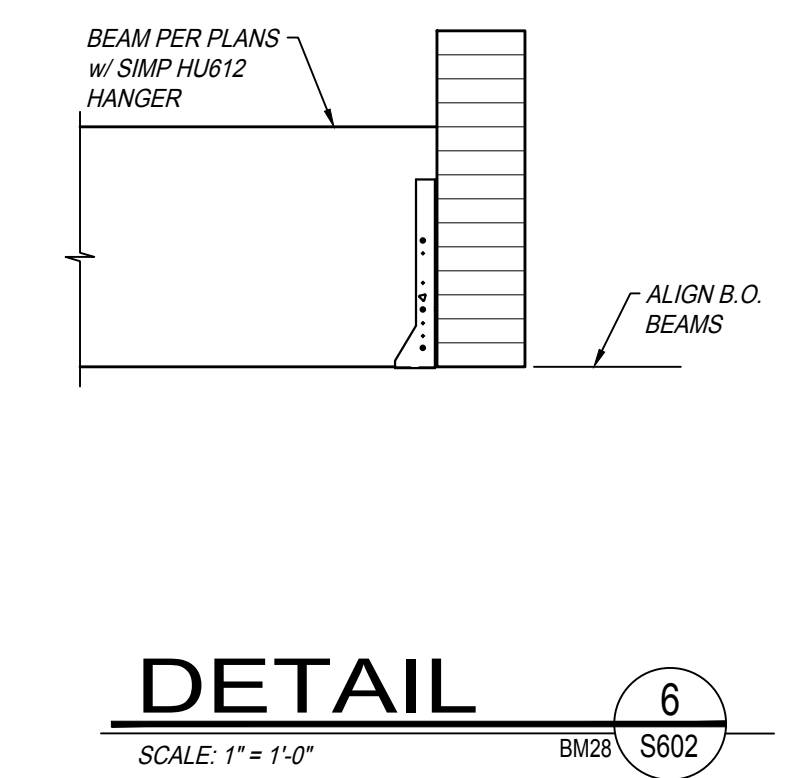
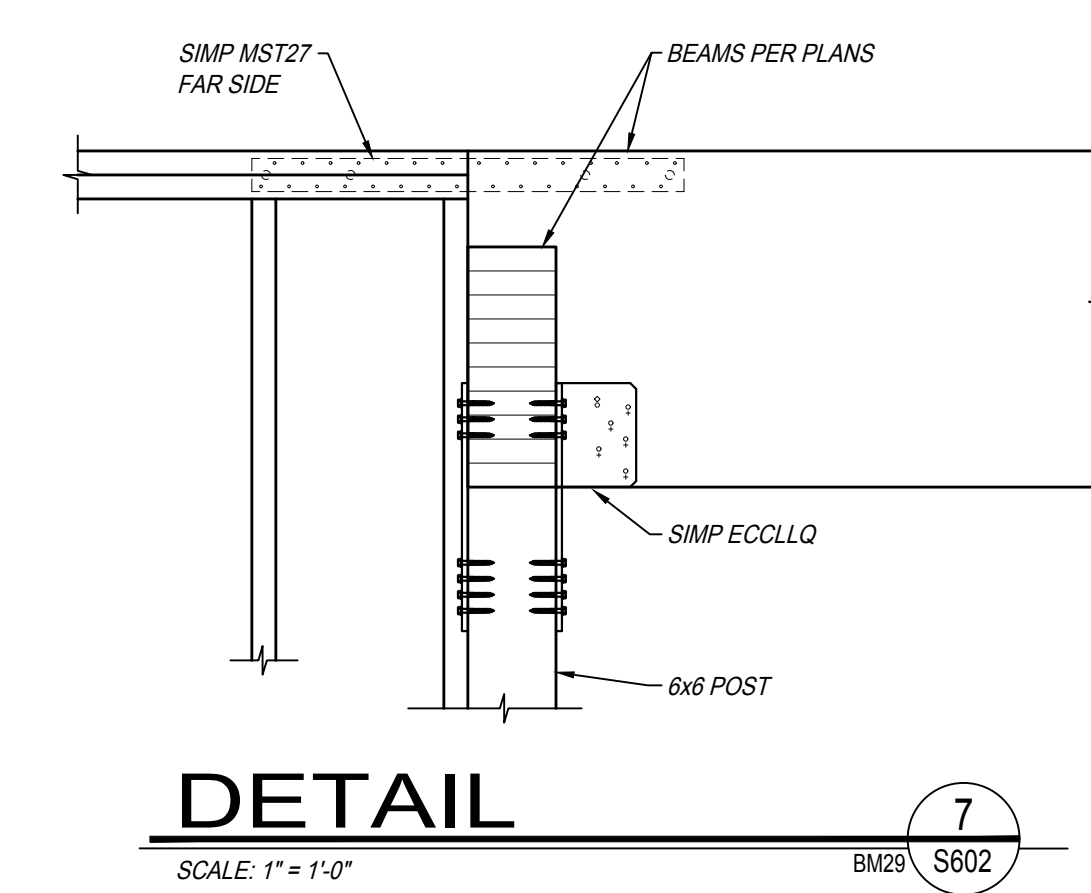
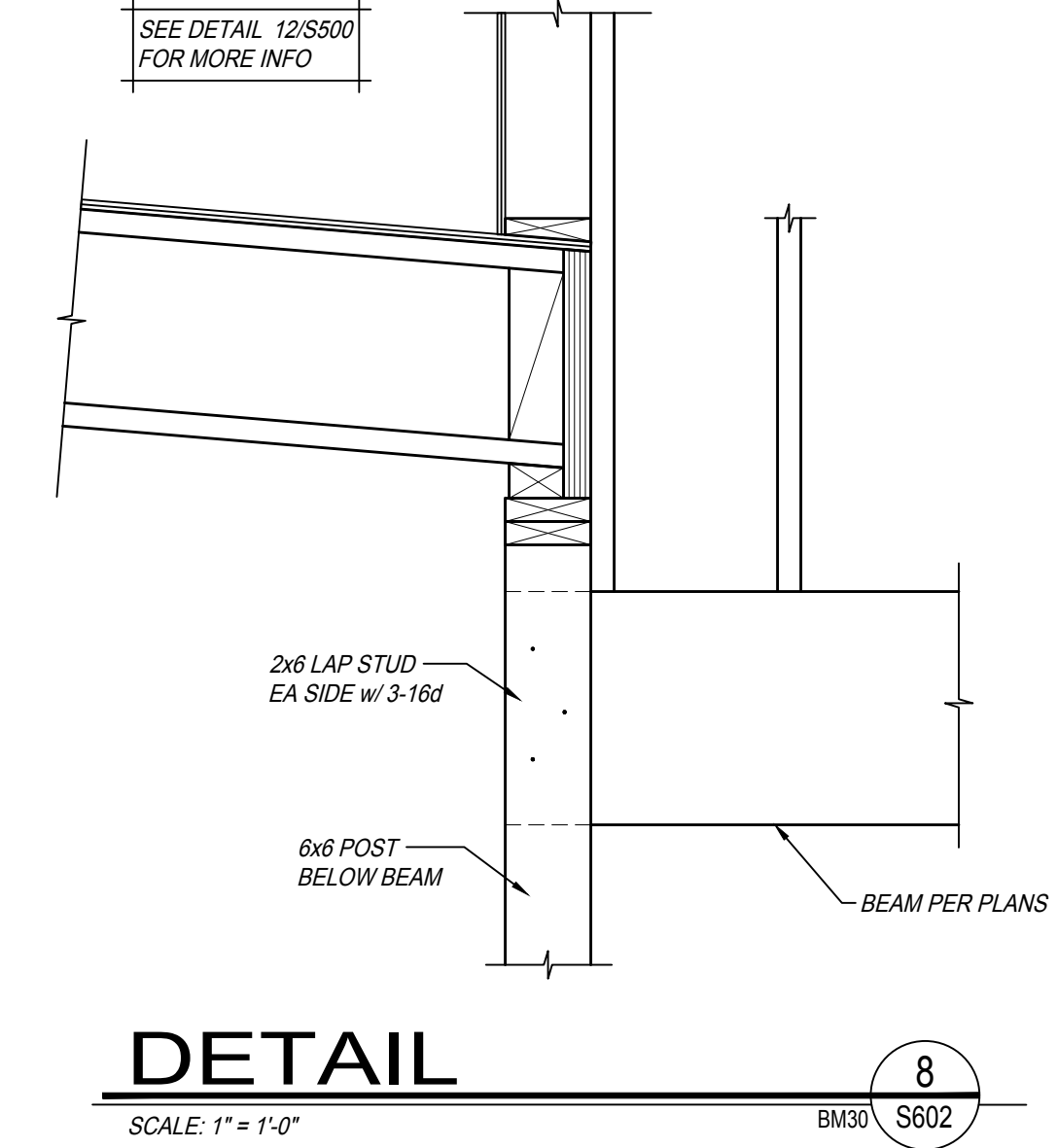
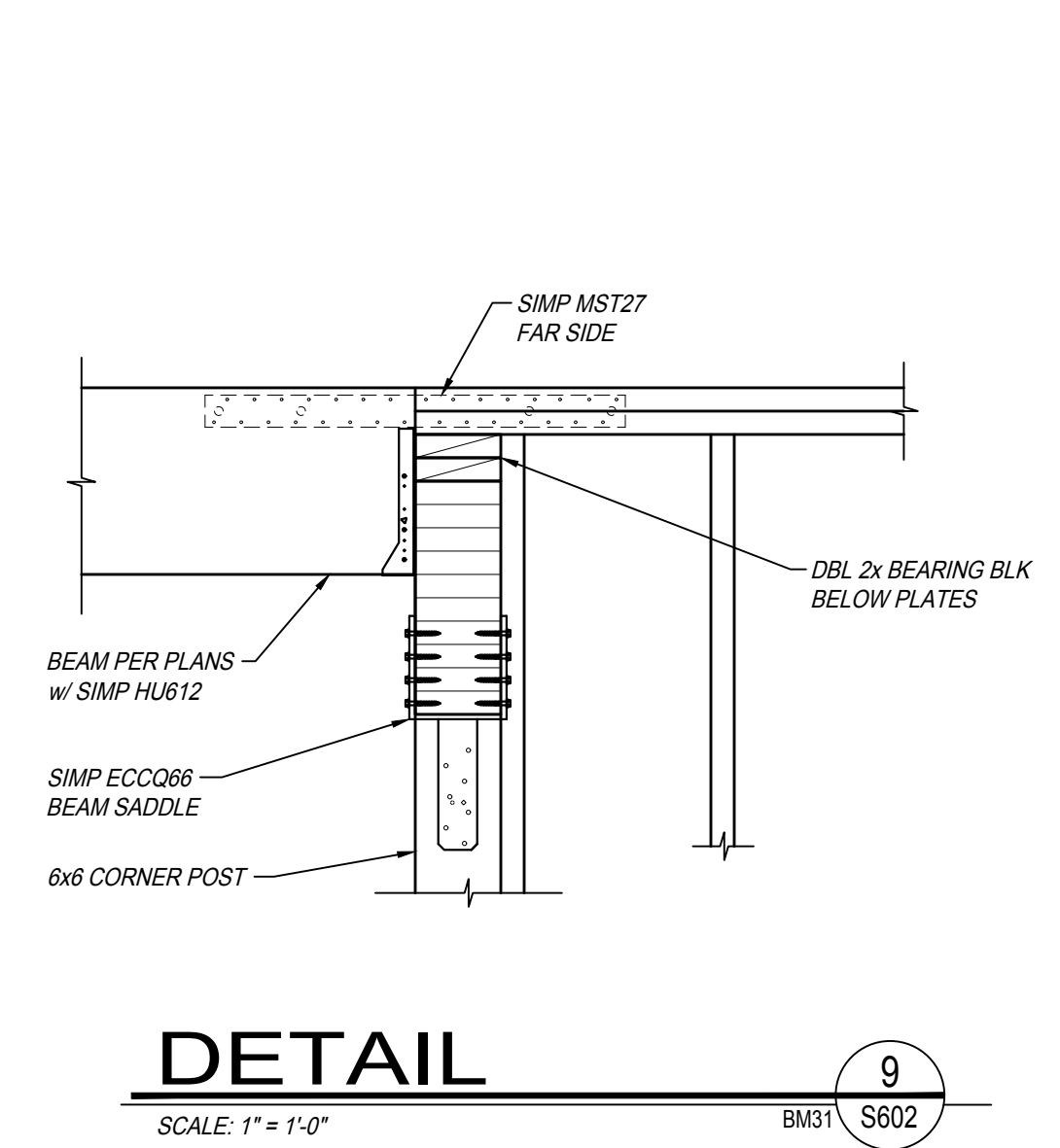
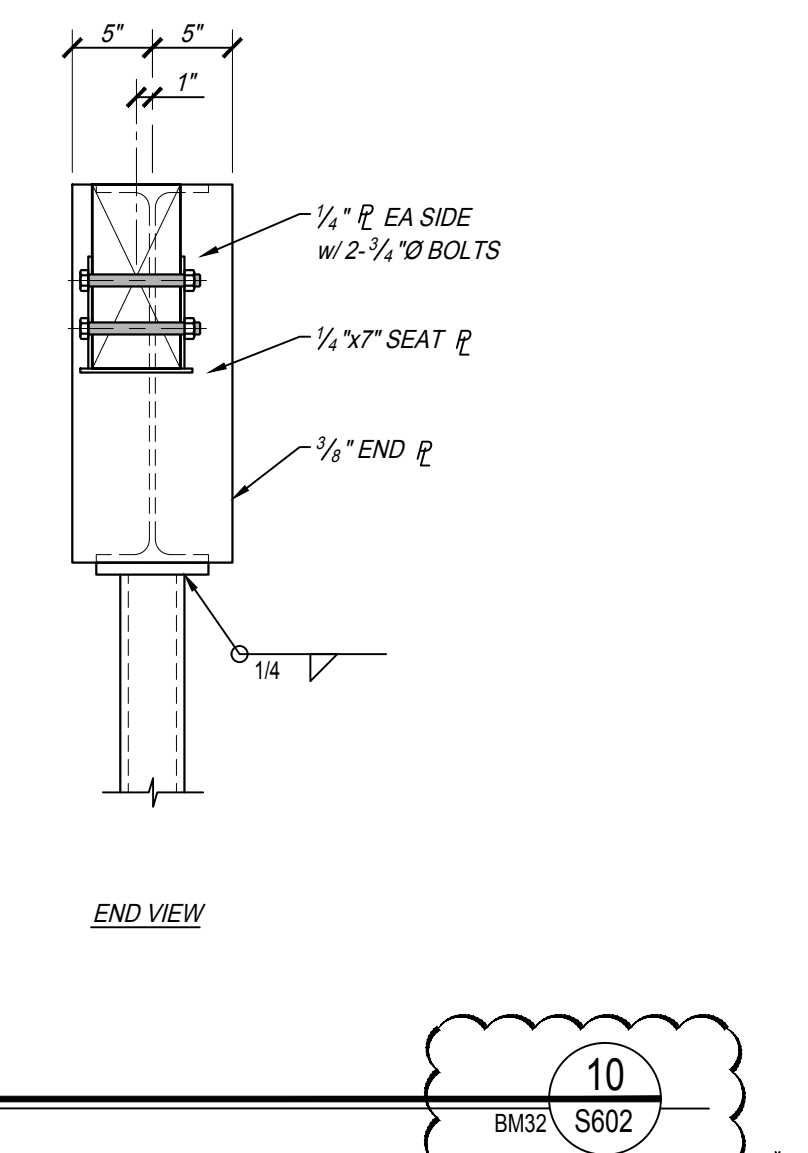
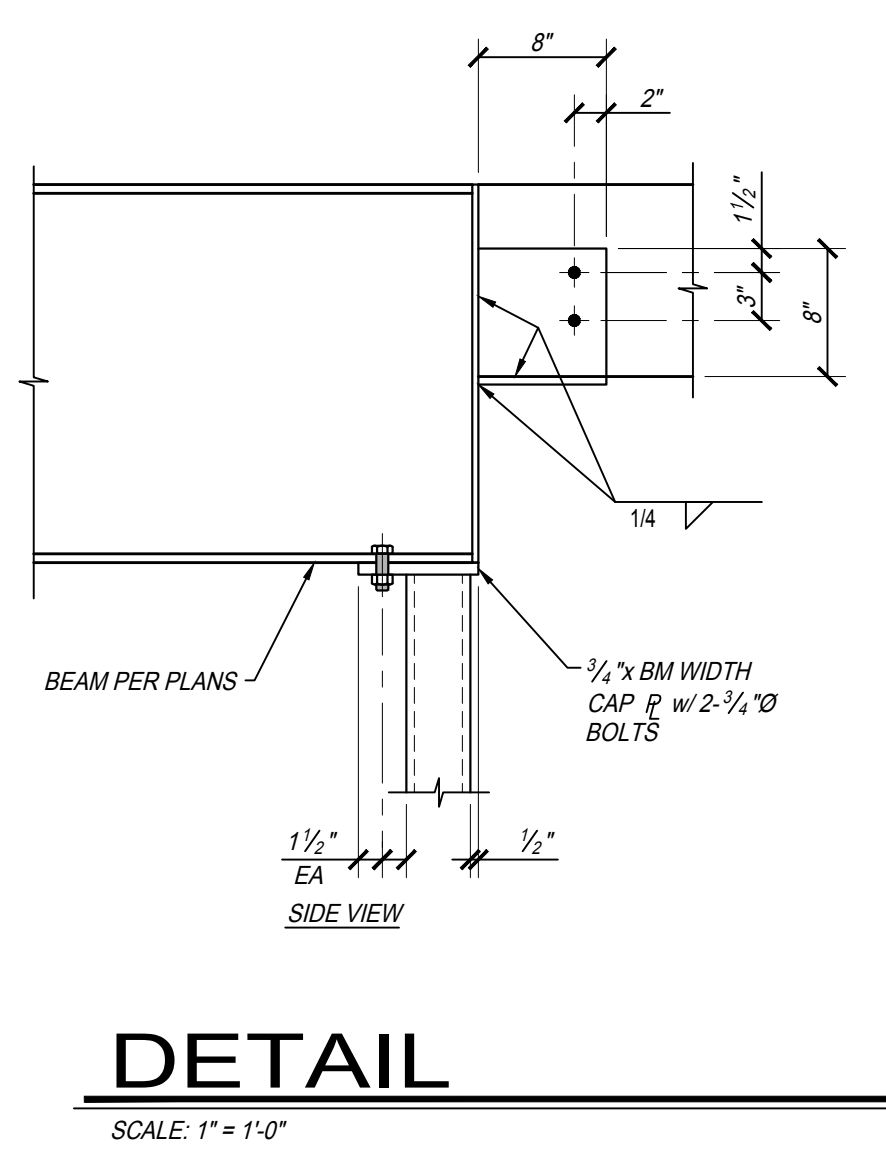
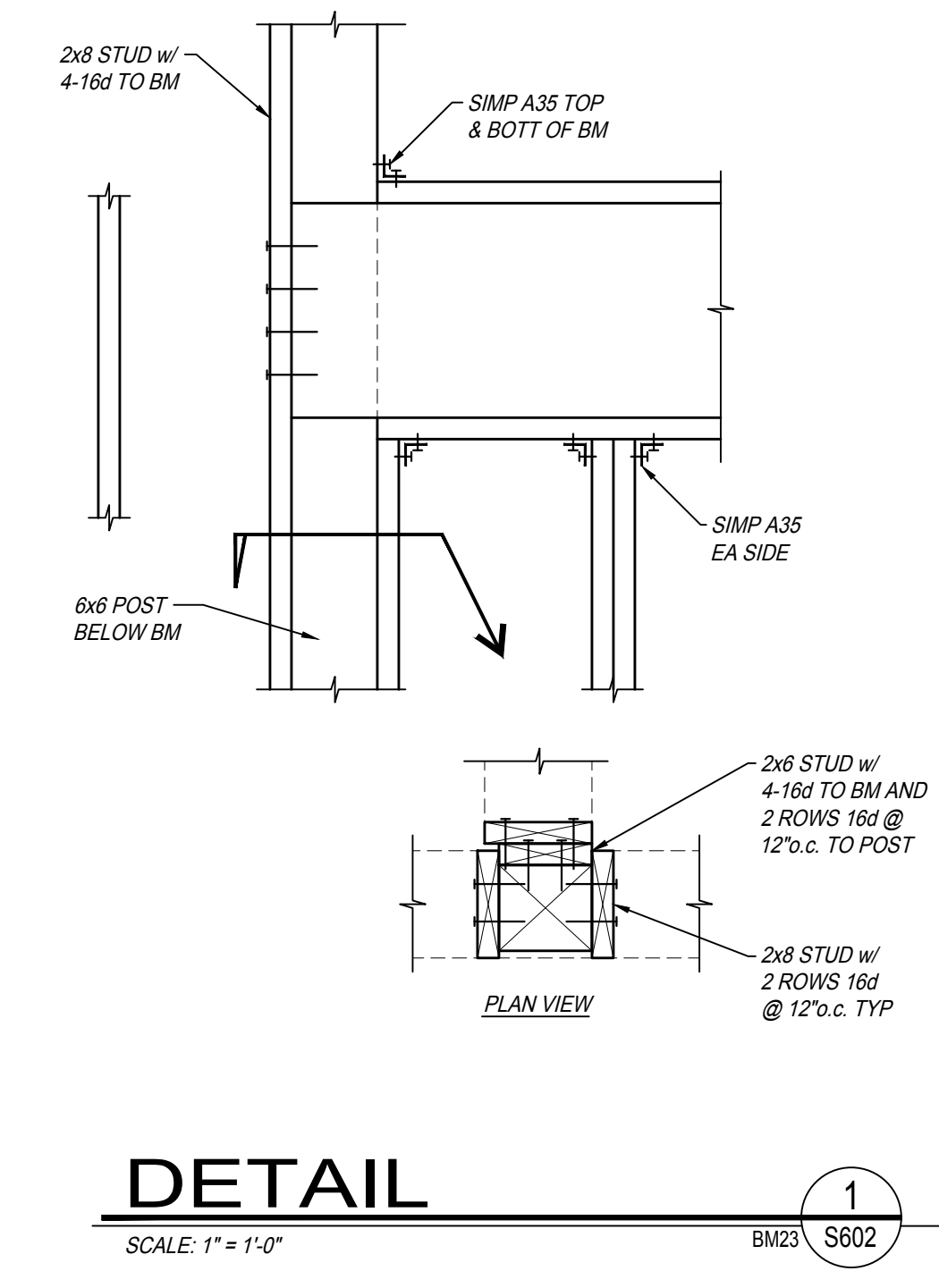
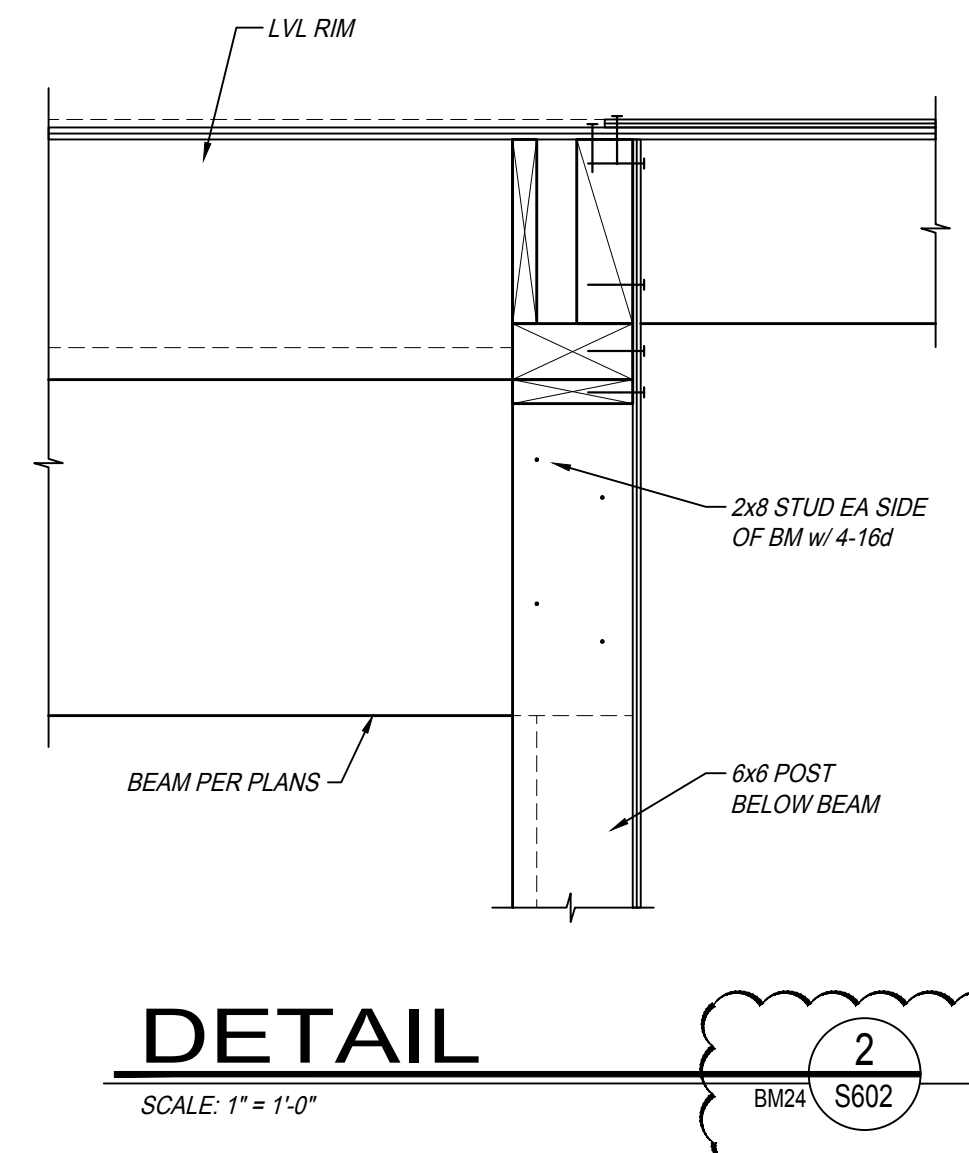
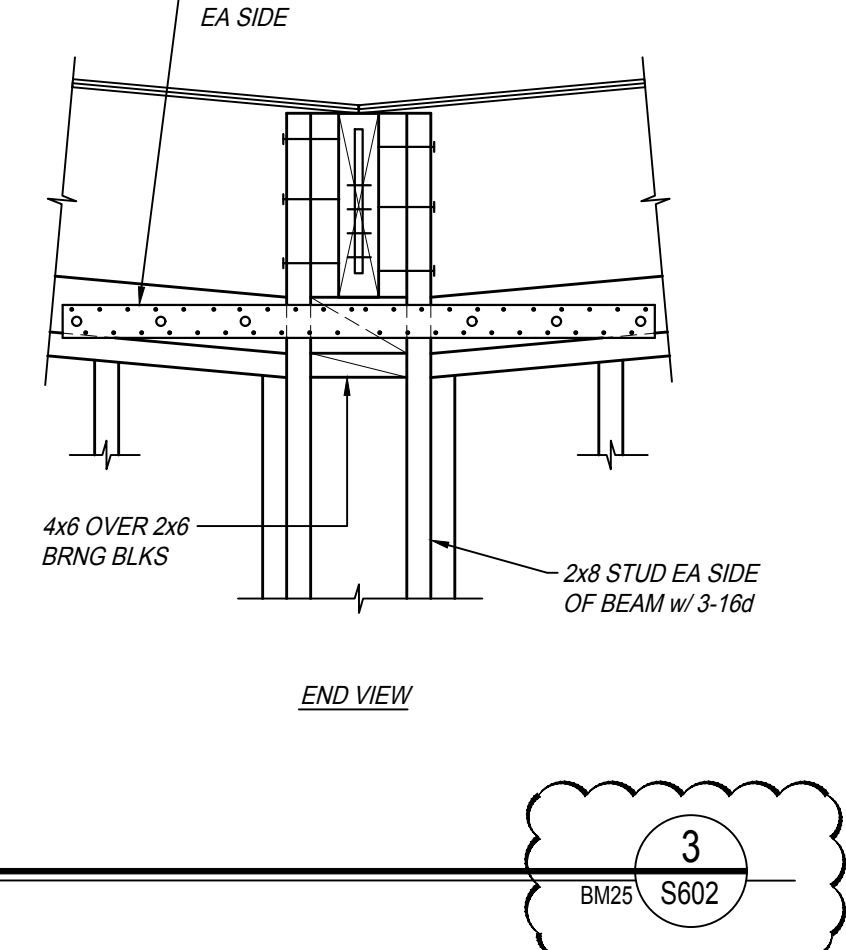
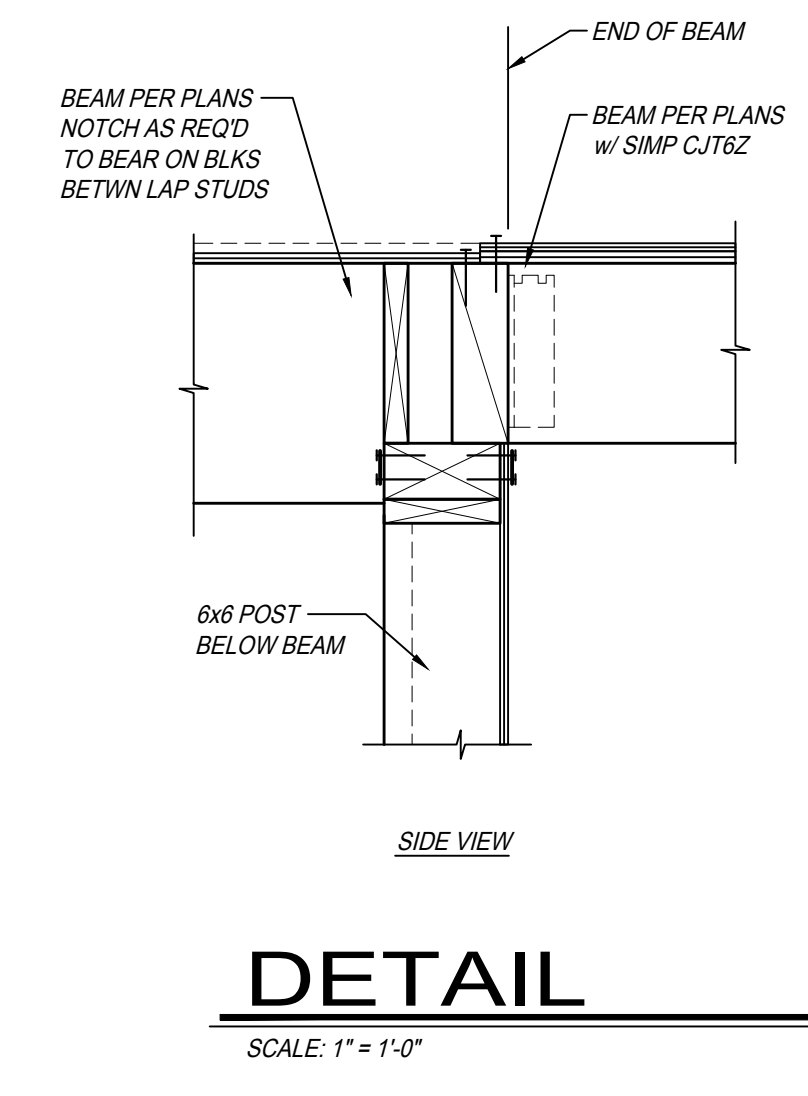
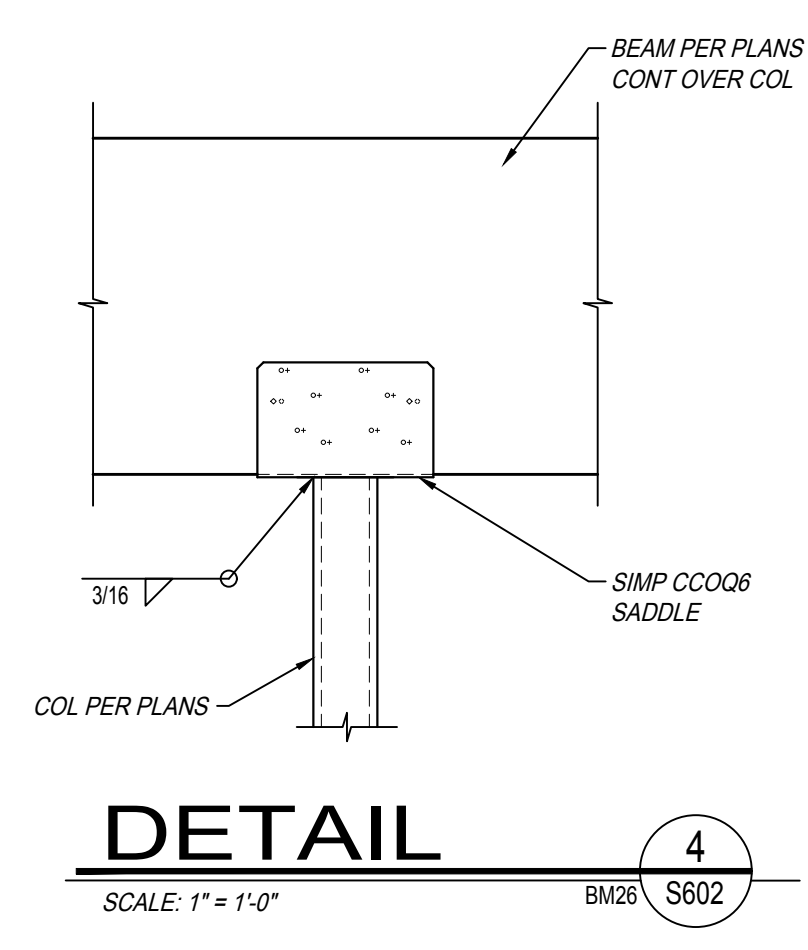
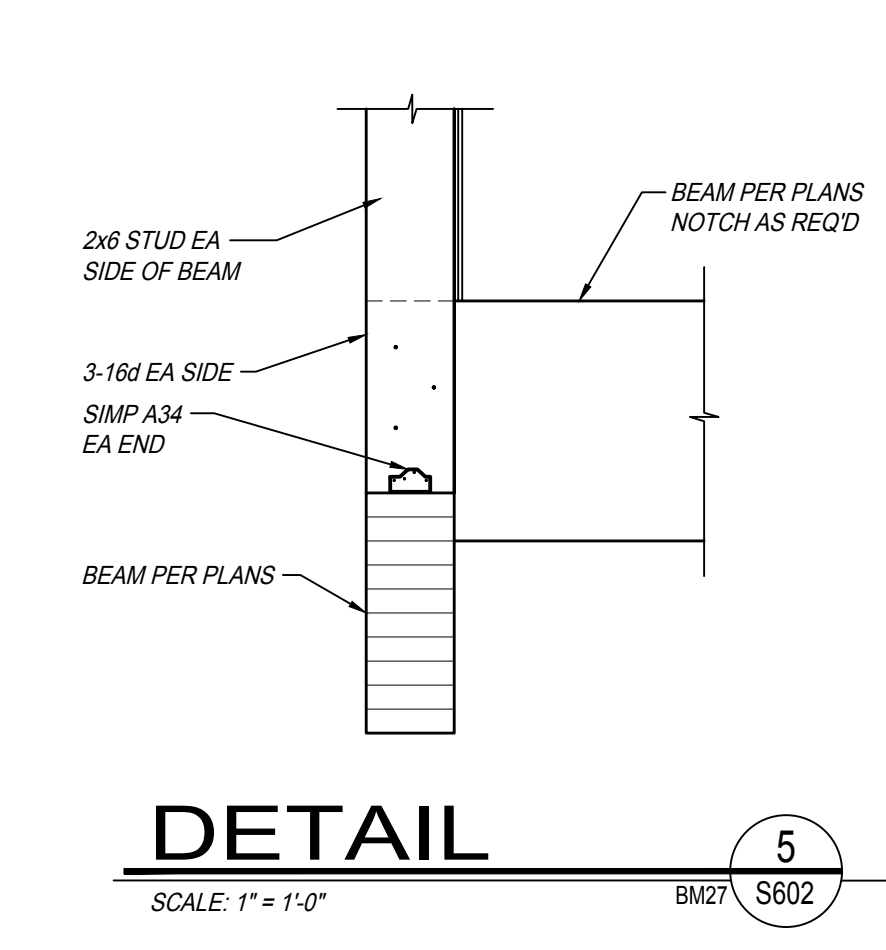
8/12/2020	Plan Check Revisions
10/8/2020	Addendum 1
10/28/2020	Addendum 2

**PROJECT NUMBER:**  
17044.1

**SHEET NUMBER:**  
AD2 S600



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**PROJECT:**  
**City of Clovis Senior Activity Center and Transit Center**  
 735 Third Street  
 Clovis, CA 93612  
**SHEET: BEAM DETAILS**

**DRAWING SET INFORMATION:**

06/19/2020	Plan Check Submittal
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**REVISIONS:**

8/12/2020	Plan Check Revisions
10/8/2020	Addendum 1
10/28/2020	Addendum 2

**PROJECT NUMBER:**  
17044.1

**SHEET NUMBER:**  
AD2 S602

**PARRISH HANSEN**  
 STRUCTURAL ENGINEERS  
 A Division of Provost & Pritchard Consulting Group  
 418 Clovis Ave. Clovis, CA 93612  
 Phone 559-923-1023 Fax 559-323-8090  
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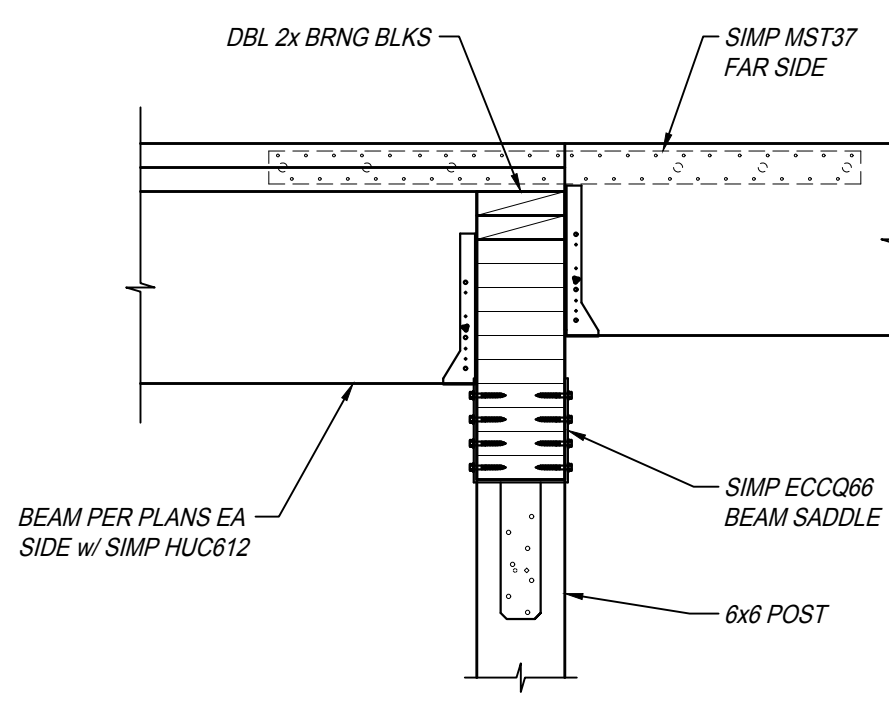
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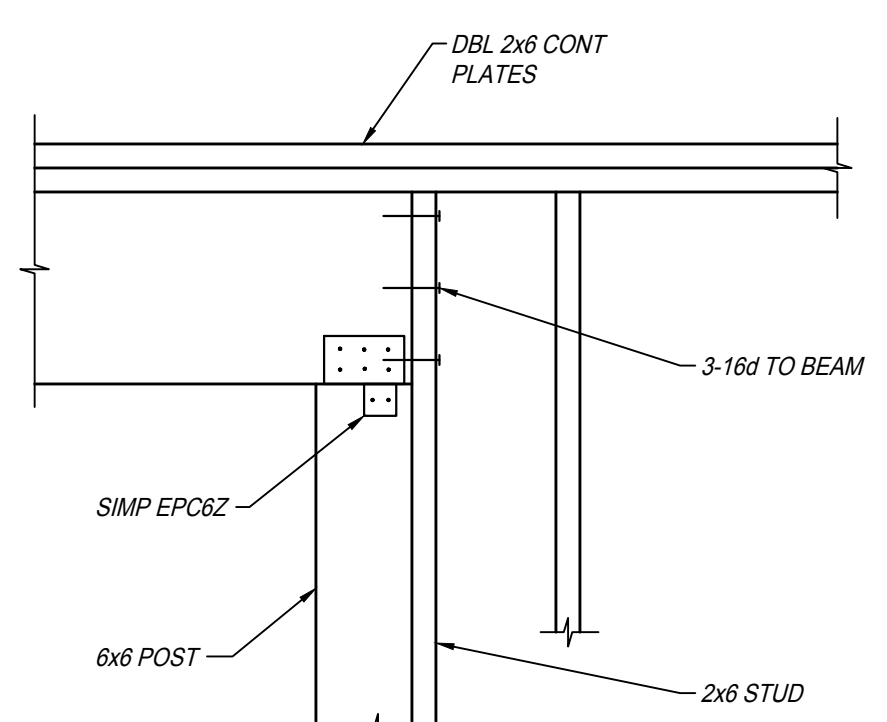




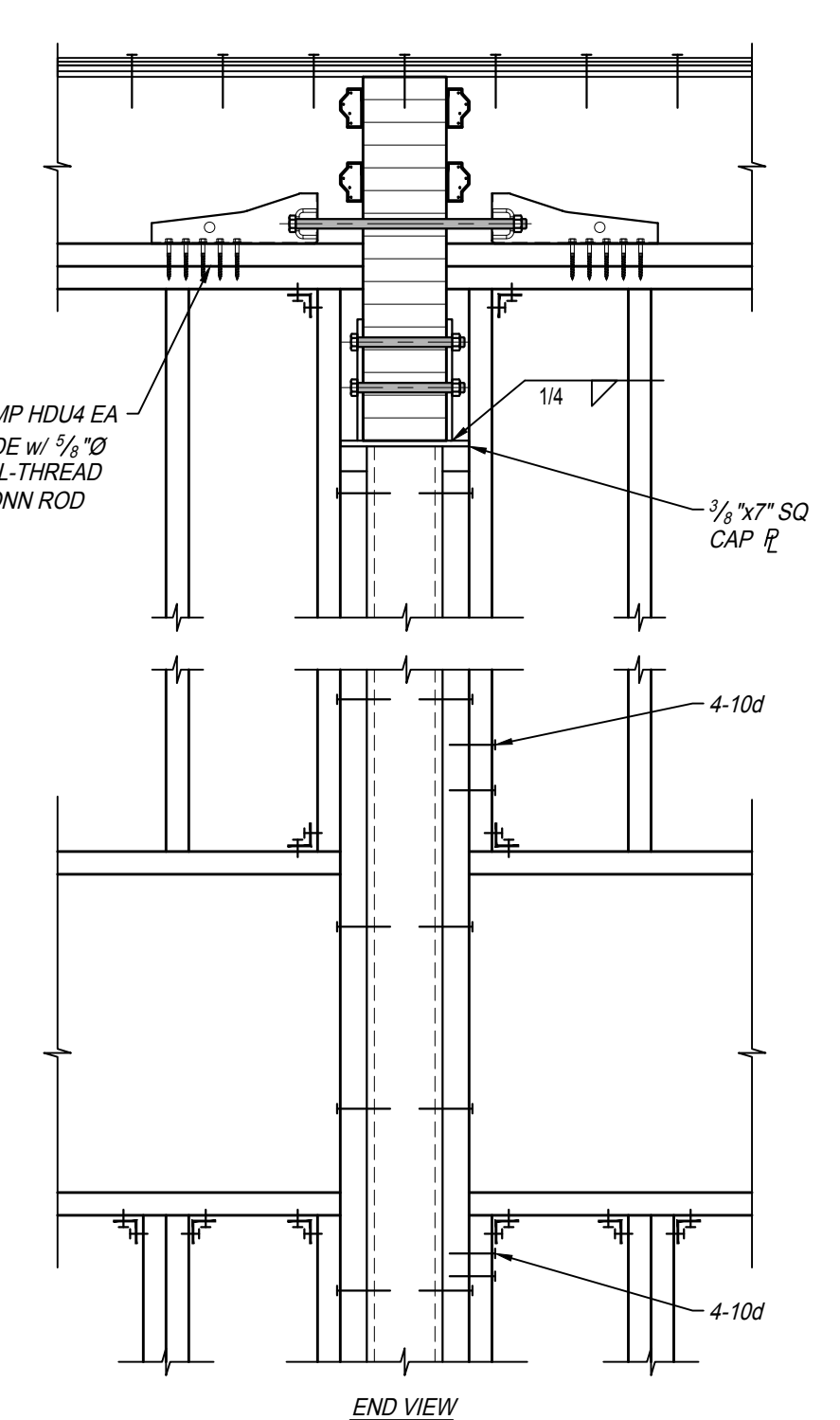
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**DETAIL 4**  
 SCALE: 1" = 1'-0"  
 BM41 S603

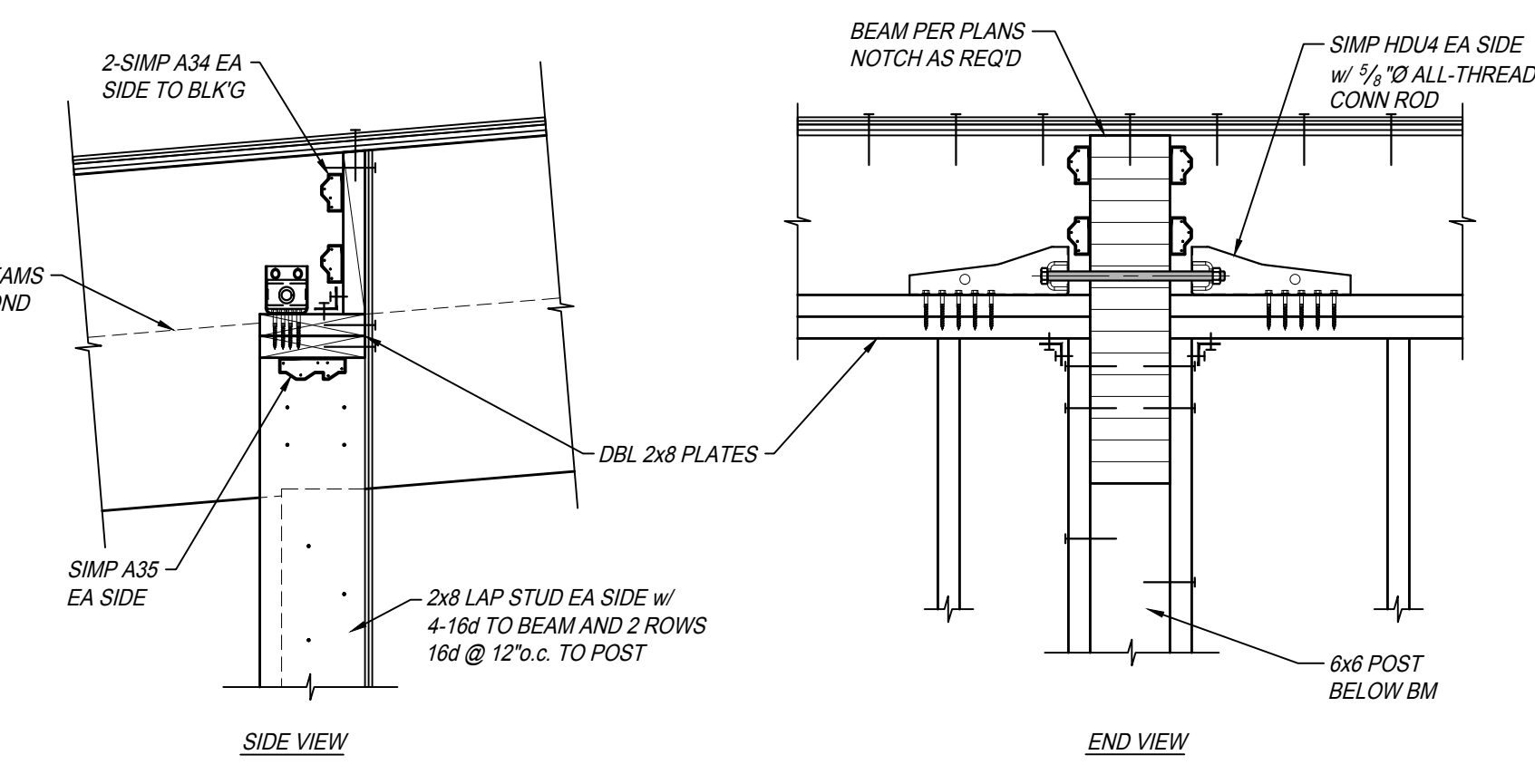
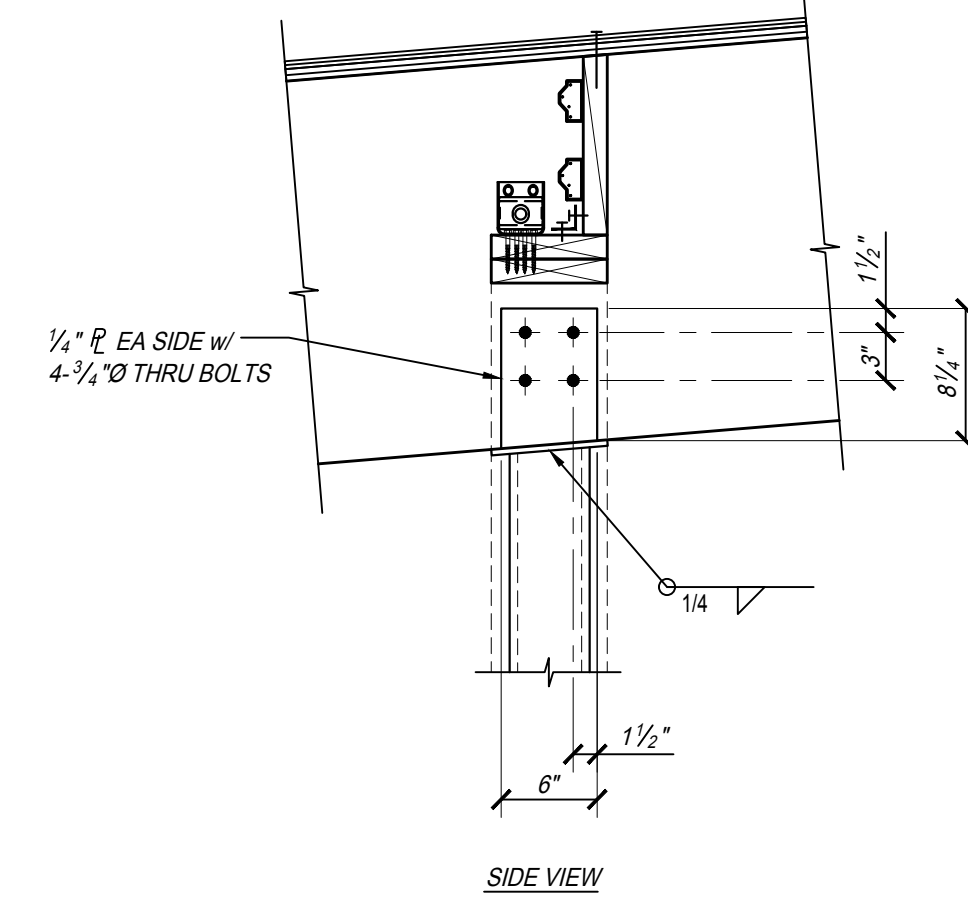


**DETAIL 3**  
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 BM40 S603

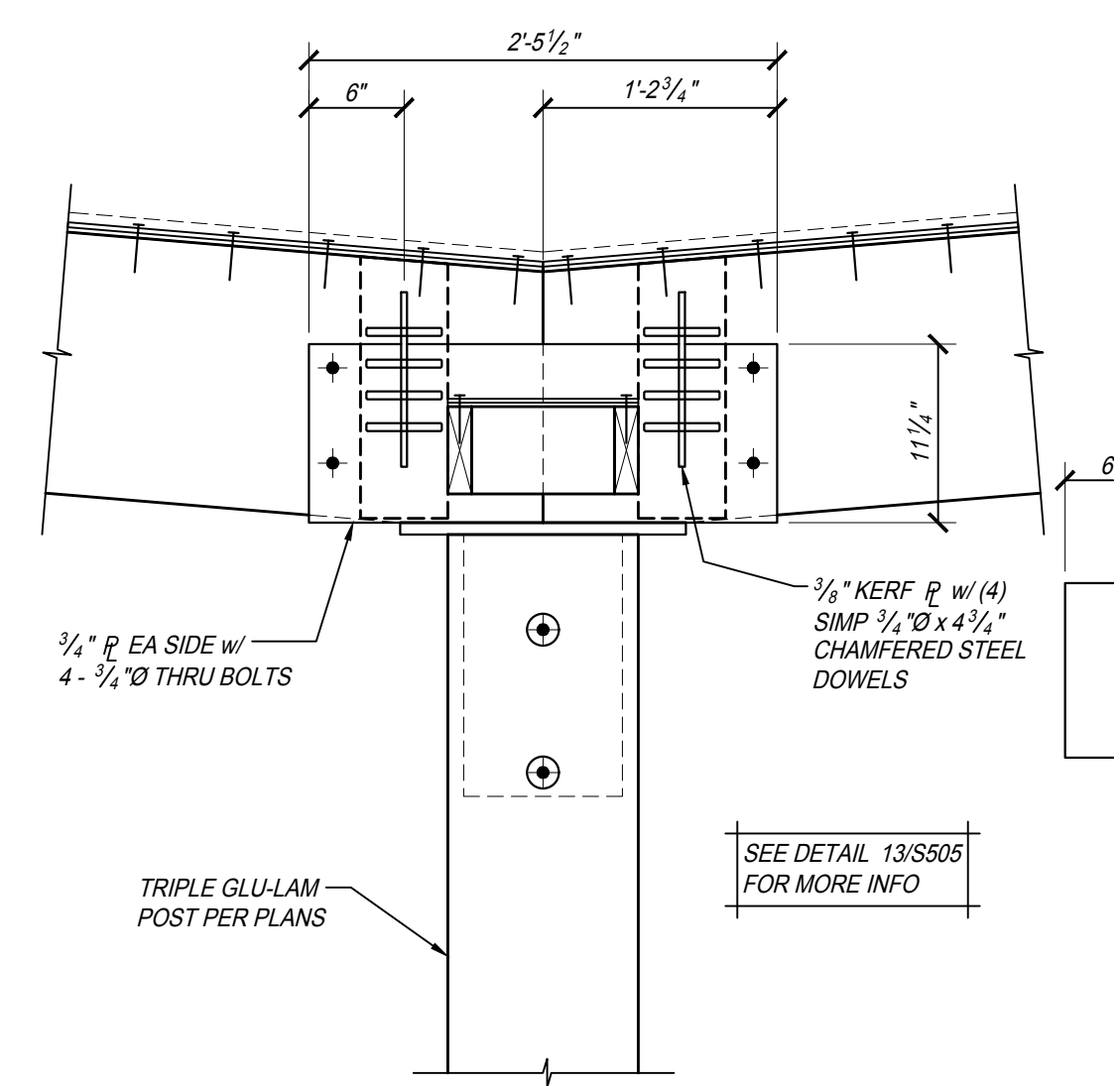


**DETAIL 2**  
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 BM39 S603

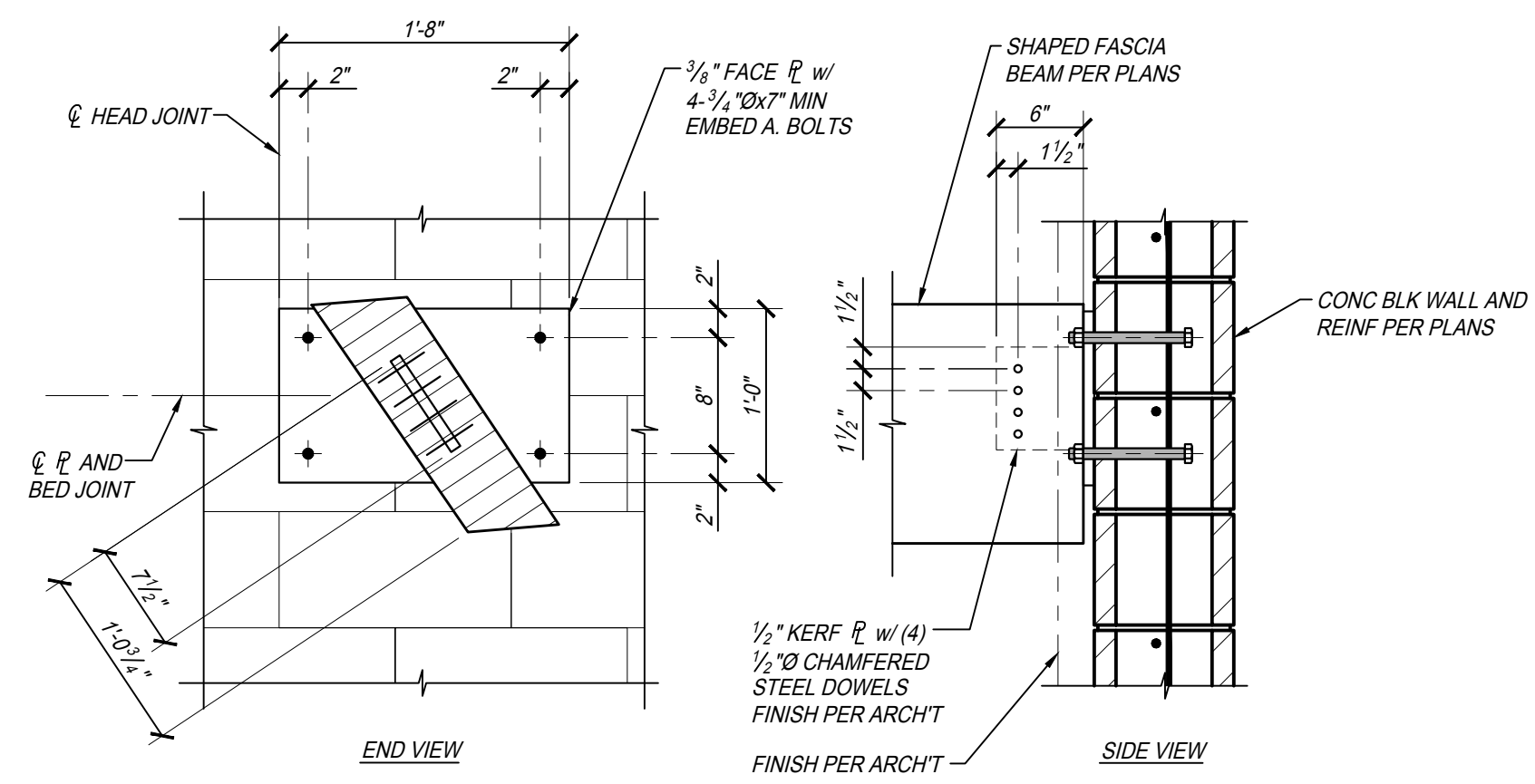
SEE DETAILS 12/S601 AND 1/S603 FOR MORE INFO



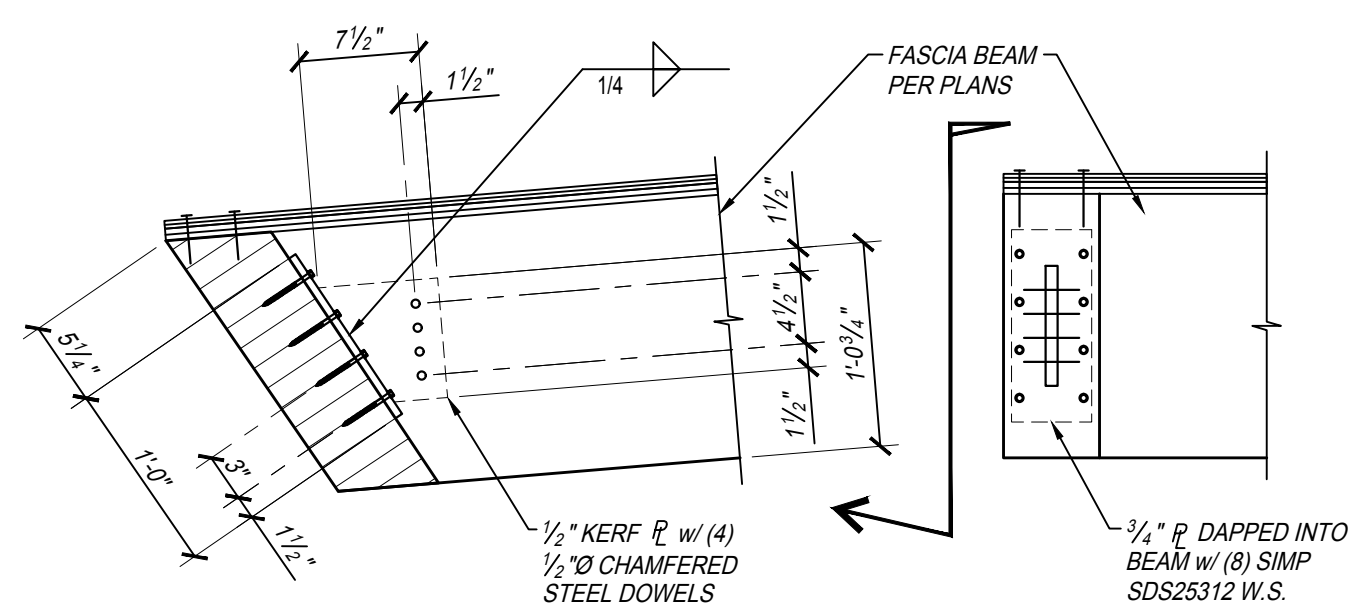
**DETAIL 1**  
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 BM38 S603



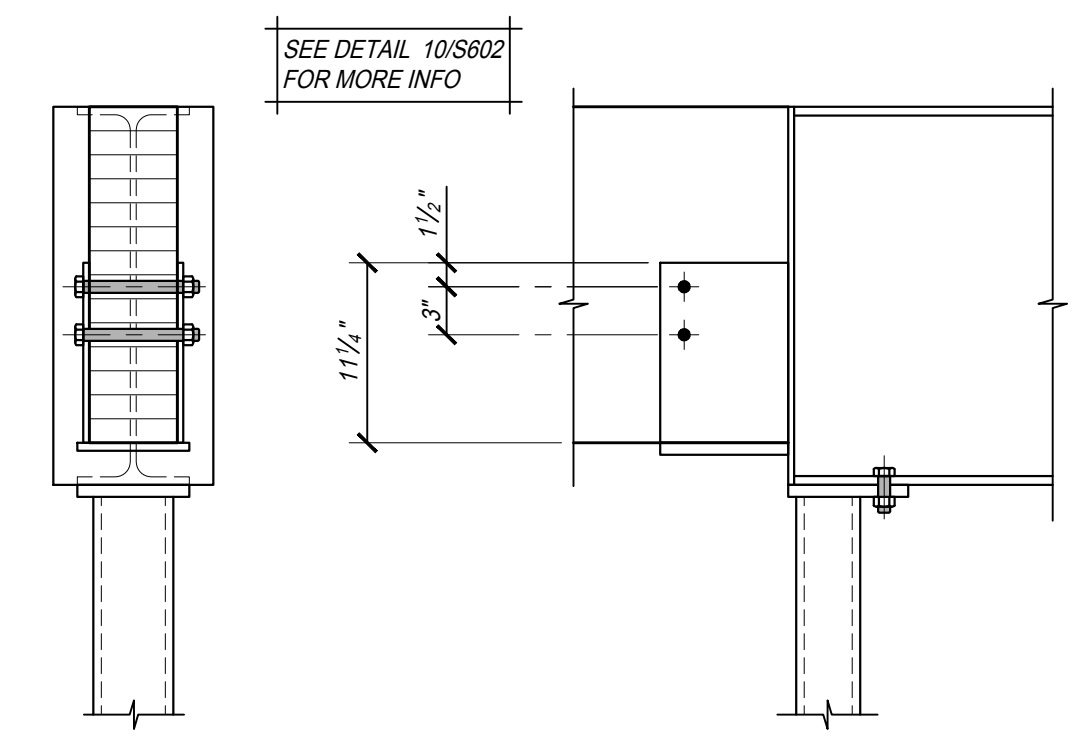
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 BM46 S603



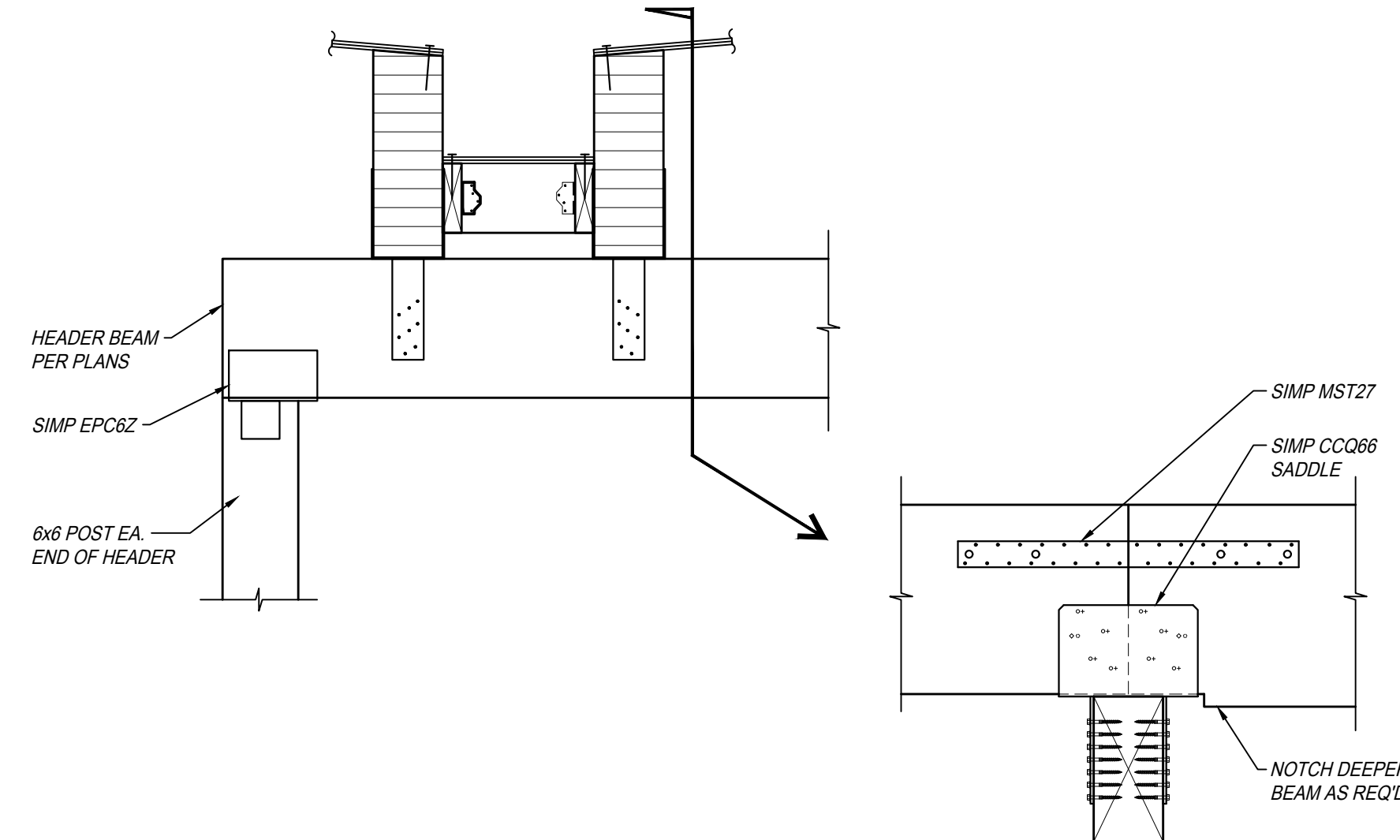
**DETAIL 7**  
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 BM44 S603



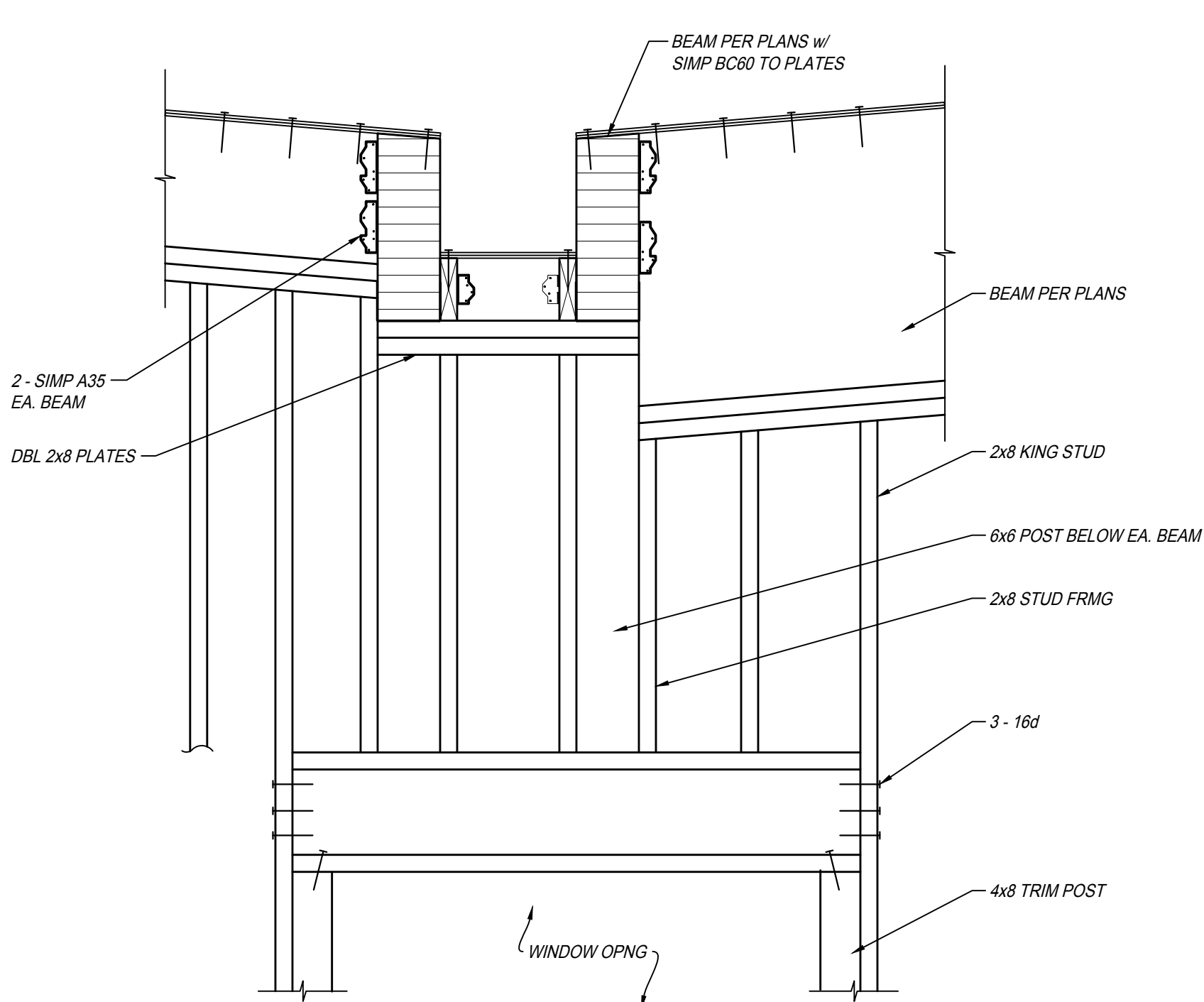
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 BM43 S603



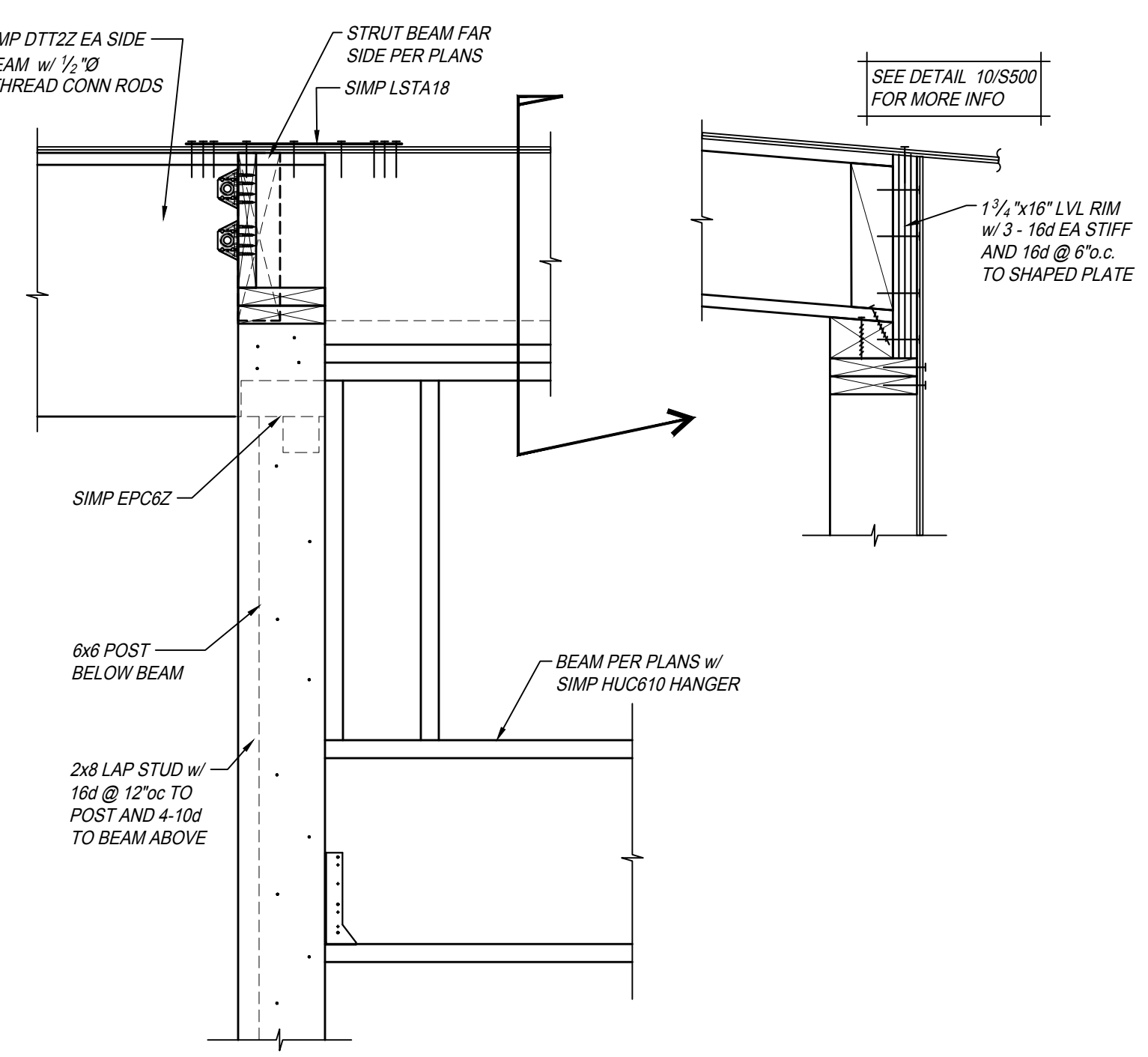
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 BM42 S603



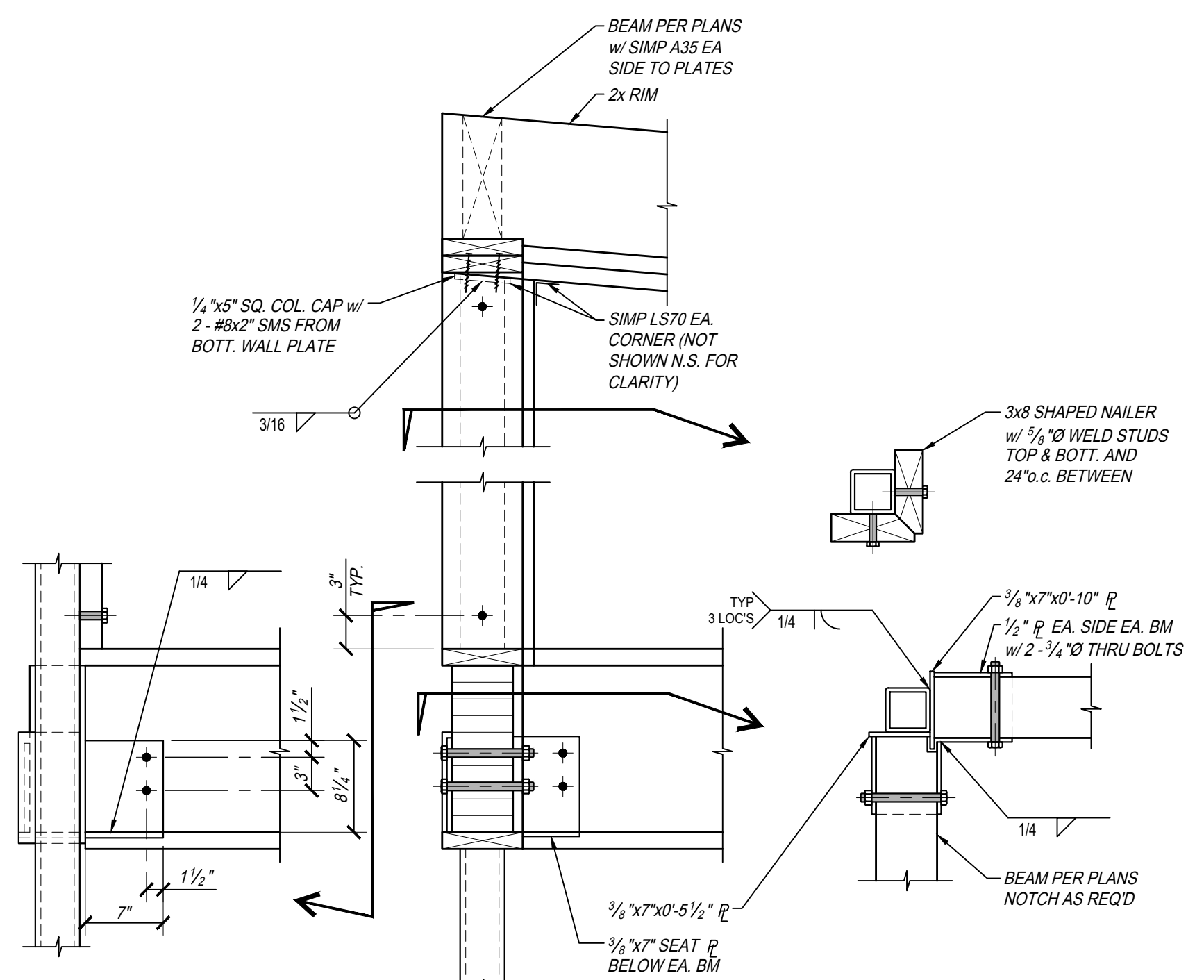
**DETAIL 12**  
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 BM49 S603



**DETAIL 11**  
 SCALE: 1" = 1'-0"  
 BM48 S603



**DETAIL 10**  
 SCALE: 1" = 1'-0"  
 BM47 S603



**DETAIL 9**  
 SCALE: 1" = 1'-0"  
 BM46 S603

PROJECT: City of Clovis Senior Activity Center and Transit Center  
 735 Third Street  
 Clovis, CA 93612  
 SHEET: BEAM DETAILS

DRAWING SET INFORMATION:

06/19/2020	Plan Check Submittal
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REVISIONS:

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PROJECT NUMBER: 17044.1  
 SHEET NUMBER: AD2 S603





ELECTRICAL SYMBOL SCHEDULE

SYMBOL	EQUIPMENT	DESCRIPTION		
	2X4 LIGHT FIXTURE	REFER TO LUMINAIRE SCHEDULE	-----	WIRING BELOW GRADE
	RECESSED DOWN LIGHT	REFER TO LUMINAIRE SCHEDULE	-----	WIRING IN WALL OR CEILING
	WALL LIGHT	REFER TO LUMINAIRE SCHEDULE	-----	LOW VOLTAGE WIRING
	FIXTURE W/ BACKUP POWER CONNECTION	PROVIDE UNSWITCHED HOT CONDUCTOR	-----	CONDUIT RISER
	EXIT SIGN (ARROWS INDICATE CHEVRONS)	LUMINAIRE TYPE "X". REFER TO LUMINAIRE SCHEDULE	-----	FLEXIBLE CONDUIT
	SWITCH AT +45° AFF	20A 277V QUIET TOGGLE	-----	CONDUIT STUB AND CAP
	3-WAY SWITCH AT +45° AFF	20A 277V QUIET TOGGLE	-----	HASH MARKS DENOTES QTY. OF CONDUCTORS WHEN MORE THAN 2. THE LONG HASH IS THE NEUTRAL.
	ROUGH MOUNTED DUAL TECH OCCUPANCY SENSOR SWITCH, 0-10V DIMMING, AT +48° AFF TO TOP OF BOX	20A 277V QUIET TOGGLE	-----	WIRE SIZE INDICATED, IF OTHER THAN #12 AWG
	NIGHT AIR DIMMER SWITCH AT +45°	1" C. TO ACCESSIBLE ATTIC SPACE	-----	CURVY HASHES ARE VIOLET/GRAY 0-10V DIMMING CONDUCTORS
	NIGHT AIR ON/OFF SWITCH AT +45°		(E)	"EXISTING"
	NIGHT AIR SCENE CONTROLLER AT +45°		UN	UNLESS OTHERWISE NOTED
	NIGHT AIR OCCUPANCY SENSOR	PROVIDE LOW VOLTAGE POWER (NON BATTERY DEVICE)	WP	WEATHERPROOF
	NIGHT AIR OCCUPANCY SENSOR W/ PHOTOSENSOR	PROVIDE LOW VOLTAGE POWER (NON BATTERY DEVICE)	GFI	GROUND FAULT INTERRUPTER
	NIGHT AIR WIRELESS AREA CONTROLLER	PROVIDE (1) 120V RECEPTACLE FOR POWER		
	NIGHT AIR POWER PACK	MATCH DIMMING PROTOCOL TO CONTROLLED FIXTURES		
	NIGHT AIR UL924 EMERGENCY POWER PACK	MATCH DIMMING PROTOCOL TO CONTROLLED FIXTURES		
	NIGHT AIR RECEPTACLE RELAY			
	PRIMARY DAYLIGHT ZONE BOUNDARY			
	SECONDARY DAYLIGHT ZONE BOUNDARY			
	SWITCHBOARD	REFER TO POWER SINGLE LINE DIAG.		
	POWER PANEL	REFER TO PANEL SCHEDULE		
	TERMINAL CABINET			
	DISCONNECT SWITCH, FUSIBLE, WP	REFER TO MECH. PLANS & SPECS.		
	COMBO STARTER/DISCONNECT SWITCH, WP	REFER TO MECH. PLANS & SPECS.		
	JUNCTION BOX			
	FLOOR POCKET	AS NOTED.		
	MOTOR	REFER TO MECH. PLANS AND SPECS.		
	EXHAUST FAN, CEILING MOUNTED	REFER TO MECH. PLANS AND SPECS.		
	SINGLE CONVENIENCE OUTLET AT +18° AFF	20A SPEC. GRADE, NEMA GROUNDED		
	DUPLEX CONVENIENCE OUTLET AT +18° AFF	20A SPEC. GRADE, NEMA GROUNDED, TAMPER RESISTANT LEVITON #TDR20-W / LEVITON #16362-SGW		
	QUADPLEX CONVENIENCE OUTLET AT +18° AFF	20A SPEC. GRADE, NEMA GROUNDED, TAMPER RESISTANT LEVITON #TDR20-W / LEVITON #16362-SGW		
	GFI DUPLEX OUTLET AT +18° AFF	20A SPEC. GRADE, NEMA GROUNDED, TAMPER RESISTANT LEVITON #X7899-W / LEVITON #X7899-HGW		
	WP, GFI DUPLEX OUTLET AT +18° AFF W/ WP IN-USE TYPE COVER	20A SPEC. GRADE, NEMA GROUNDED, TAMPER RESISTANT LEVITON #X7899-W / LEVITON #X7899-HGW		
	DUPLEX CONVENIENCE OUTLET @ +18° AFF U.O.N., SPLIT-WIRED WITH NORMAL AND CONTROLLED OUTLETS	20A SPEC. GRADE, NEMA GROUNDED, TAMPER RESISTANT LEVITON #TDR20-W / LEVITON #16362-SGW		
	QUADPLEX CONVENIENCE OUTLET @ +18° AFF U.O.N., ONE NORMAL AND ONE CONTROLLED OUTLETS	20A SPEC. GRADE, NEMA GROUNDED, TAMPER RESISTANT LEVITON #TDR20-W / LEVITON #16362-SGW		
	GFI QUADPLEX OUTLET @ +18° AFF U.O.N., ONE NORMAL AND ONE CONTROLLED OUTLETS	20A SPEC. GRADE, NEMA GROUNDED, TAMPER RESISTANT LEVITON #X7899-W / LEVITON #X7899-HGW		
	CEILING DROP CORD REEL	AS NOTED.		
	DUPLEX CONVENIENCE OUTLET AT +18° AFF (ISOLATED GROUND)	20A SPEC. GRADE, NEMA ISO. GROUND, TAMPER RESISTANT PASS & SEYMOUR #TRIG26362W		
	SPECIAL OUTLET @ +18° AFF U.O.N.	VERIFY REQ'TS W/ EQUIP'MT PROVIDER		
	12" CU GROUND BUS BAR	WITH #6 GREEN GROUND WIRE TO G.E.C.		
	LOW VOLTAGE TRANSFORMER			
	DATA OUTLET AT +18° AFF, UON	PROVIDE 4-11/16" BOX, 1G RING, 1-1/4" C. TO ATTIC SPACE, (2) CAT6 JACKS & (2) CAT6 CABLES TO MDF.		
	DATA OUTLET AT +45° AFF, UON	PROVIDE 4-11/16" BOX, 1G RING, 1-1/4" C. TO ATTIC SPACE, (2) CAT6 JACKS & (2) CAT6 CABLES TO MDF.		
	WIRELESS ACCESS POINT OUTLET IN ATTIC SPACE	PROVIDE 4-11/16" BOX, 1G RING IN CEILING SPACE WITH (2) CAT6A JACKS & (2) CAT6A CABLES TO MDF.		
	RECESSED TV OUTLET WITH HDMI, VGA, AND AUDIO JACKS. VERIFY HEIGHT PRIOR TO ROUGH-IN.	PROVIDE OUTLET BOX, RING, AND 1-1/4" C. STUB TO CEILING SPACE. VERIFY HEIGHTS AND EXACT REQUIREMENTS.		
	AUDIO VISUAL RECESSED OUTLET WITH HDMI, VGA, AUDIO JACKS, AND CABLING TO TV OUTLET.	PROVIDE OUTLET BOX, RING, AND 1-1/4" C. STUB TO CEILING SPACE. VERIFY HEIGHTS AND EXACT REQUIREMENTS.		
	AV PROJECTOR RECESSED OUTLET WITH HDMI, VGA, AUDIO JACKS, AND CABLING TO AV INPUT.	PROVIDE OUTLET BOX, RING, AND 1-1/4" C. STUB TO CEILING SPACE. VERIFY HEIGHTS AND EXACT REQUIREMENTS.		
	AV PROJECTOR SCREEN OUTLET	PROVIDE OUTLET BOX, RING, AND 3/4" C. TO 'BOX101' SPACE. VERIFY HEIGHTS AND EXACT REQUIREMENTS.		
	AUDIO VISUAL CONTROL STATION	PROVIDE 4 GANG OUTLET BOX, RING, AND 1" C. TO AV 'BOX101' VERIFY REQUIREMENTS WITH AV DWGS AND AV CONTRACTOR.		
	STAGE LIGHTING CONTROL STATION	PROVIDE OUTLET BOX, RING, AND 3/4" C. TO AV 'BOX101' VERIFY REQUIREMENTS WITH AV DWGS AND AV CONTRACTOR.		
	DMX OUTPUT FOR THEATRICAL LIGHTING	PROVIDE OUTLET BOX, RING, AND 3/4" C. TO AV 'BOX101' VERIFY REQUIREMENTS WITH AV DWGS AND AV CONTRACTOR.		
	ASSISTIVE LISTENING SYSTEM ANTENNA	PROVIDE OUTLET BOX, RING, AND 1" C. TO AV 'BOX101' VERIFY REQUIREMENTS WITH AV DWGS AND AV CONTRACTOR.		
	MICROPHONE ANTENNA	PROVIDE OUTLET BOX (+10" A.F.F.), RING, AND 1" C. TO AV 'BOX101' VERIFY REQUIREMENTS WITH AV DWGS AND AV CONTRACTOR.		
	AV SPEAKER VOLUME CONTROL STATION	PROVIDE OUTLET BOX, RING, AND 3/4" C. TO AV 'BOX101' AND AV SPKR. VERIFY REQ'TS WITH AV DWGS AND AV CONTRACTOR.		
	AV SPEAKER, FLUSH CEILING MOUNTED			
	SECURITY CAMERA OUTLET	PROVIDE OUTLET BOX, RING, AND 1-1/4" C. STUB TO CEILING SPACE WITH (1) CAT6 JACK & (1) CAT6 CABLE TO MDF.		
	SECURITY CARD READER OUTLET	PROVIDE OUTLET BOX, RING, AND 1-1/4" C. STUB TO CEILING SPACE. VERIFY HEIGHTS AND EXACT REQUIREMENTS.		
	SECURITY ELECTRICAL DOOR LATCH, PROVISIONS	PROVIDE OUTLET BOX, RING, AND 1-1/4" C. STUB TO CEILING SPACE. VERIFY HEIGHTS AND EXACT REQUIREMENTS.		
	SECURITY KEYPAD OUTLET	PROVIDE OUTLET BOX, RING, AND 1-1/4" C. STUB TO CEILING SPACE. VERIFY HEIGHTS AND EXACT REQUIREMENTS.		
	SECURITY EMERGENCY BUTTON	PROVIDE OUTLET BOX, RING, AND 1-1/4" C. STUB TO CEILING SPACE. VERIFY HEIGHTS AND EXACT REQUIREMENTS.		
	SECURITY MICROPHONE OUTLET	PROVIDE OUTLET BOX, RING, AND 1-1/4" C. STUB TO CEILING SPACE. VERIFY HEIGHTS AND EXACT REQUIREMENTS.		
	FIRE/SMOKE DAMPER, BY OTHERS	CONNECT 120V TO DAMPER ASSY. AND INTERLOCK WITH FIRE ALARM RELAY.		
	ASSISTANCE CALL MASTER STATION	PROVIDE OUTLET BOX, RING, AND 1-1/4" C. STUB TO CEILING SPACE. VERIFY HEIGHTS AND EXACT REQUIREMENTS.		
	ASSISTANCE CALL PULL CORD	PROVIDE OUTLET BOX, RING, AND 1-1/4" C. STUB TO CEILING SPACE. VERIFY HEIGHTS AND EXACT REQUIREMENTS.		
	ASSISTANCE CALL SYSTEM DOME LIGHT	PROVIDE OUTLET BOX, RING, AND 1-1/4" C. STUB TO CEILING SPACE. VERIFY HEIGHTS AND EXACT REQUIREMENTS.		
	ACCESSIBLE DOOR OPERATOR	PROVIDE 1-1/4" CONDUIT AND CONNECT BUTTON TO DOOR PER MANUF. REQUIREMENTS.		
	PA SPEAKER, FLUSH CEILING MOUNTED			
	SPEAKER VOLUME CONTROL			
	ELECTRIC DOOR STRIKE			
	ELECTRIC DOOR HOLDER			
	GENERATOR REMOTE ANNUNCIATOR	KOHLER RSA III WITH MULTIPLE ATS CONTROL. PROVIDE 1" CONDUIT, BELDEN #3105DB. CONNECT PER MANUF. REQUIREMENTS.		

ELECTRICAL GENERAL NOTES

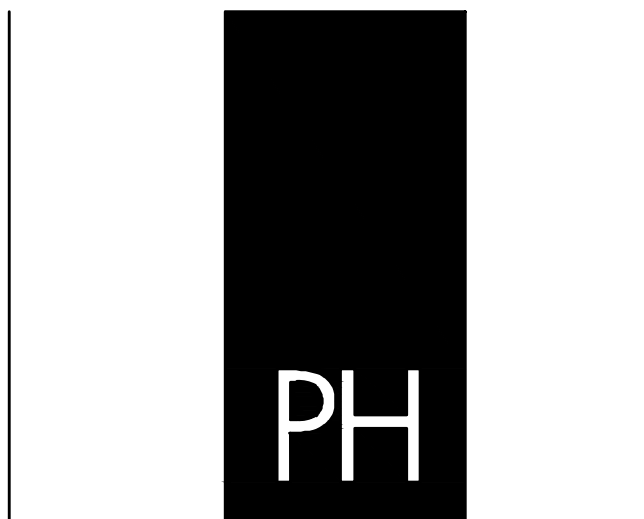
- ALL WORK SHALL MEET THE LATEST ADOPTED ADDITIONS OF THE CALIFORNIA CODE OF REGULATIONS, TITLE 24 AND ALL OTHER APPLICABLE REGULATIONS, WHICH INCLUDE:
  - CALIFORNIA BUILDING CODE 2019
  - CALIFORNIA ELECTRICAL CODE 2019
  - NON RESIDENTIAL, CEC ENERGY STANDARDS 2019
 NOTHING IN THE PLANS OR SPECIFICATIONS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.
- IT IS THE INTENTION OF THESE PLANS AND SPECIFICATIONS TO COVER EVERYTHING REQUIRED TO PROVIDE FOR COMPLETE AND OPERATIVE SYSTEMS. THE CONTRACTOR IS TO FURNISH LABOR, MATERIAL, TRANSPORTATION, EQUIPMENT, MISCELLANEOUS SERVICES, ETC. REQUIRED TO ACCOMPLISH THIS RESULT. ANYTHING WHICH MAY BE REASONABLY CONSTRUED AS A NECESSARY PART OF THE INSTALLATION IS TO BE INCLUDED, WHETHER OR NOT SPECIFICALLY SHOWN OR MENTIONED.
- THE CONTRACTOR SHALL EXAMINE THE SITE AND EXISTING CONDITIONS AND MAKE ALLOWANCES IN THE BID FOR ANY CONDITIONS NOT SHOWN ON THE ELECTRICAL DOCUMENTS.
- THE PLANS AND SPECIFICATIONS ARE INTENDED TO BE USED AS CONSTRUCTION GUIDELINES AND ARE NOT THE TOTAL INSTRUMENT OF CONTRACT DOCUMENTS. IT IS NOT THE INTENTION OF ANY CONSTRUCTION PLANS TO DIVIDE WORK AMONG DIFFERENT TRADES. VERIFY THE SCOPE OF WORK WITH THE OWNER AND THE GENERAL CONTRACTOR.
- ELECTRICAL ROUTING IS DIAGRAMMATIC ONLY. ACTUAL ROUTING & PHYSICAL CONDITIONS MAY VARY. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL ROUTING, CONNECTIONS, & PROVISION OF ALL APPURTENANCES NECESSARY FOR A COMPLETE & OPERATING SYSTEM.
- ELECTRICAL EQUIPMENT SHALL HAVE AN APPROVED TESTING LABORATORY LABEL ATTACHED (UL, CSA ETC.) PER CEC 110.2.
- ELECTRICAL EQUIPMENT SHALL HAVE A SHORT CIRCUIT CURRENT RATING CAPABLE OF WITHSTANDING THE AVAILABLE SHORT CIRCUIT CURRENT PER CEC 110.9. WHERE SERIES COMBINATION RATINGS ARE USED FOR NEW PANELS, PROVIDE A CAUTIONARY LABEL TO THE SERIES RATED DEVICE COVER STATING "CAUTION - SERIES RATED SYSTEM AMPACITY AVAILABLE" AND IDENTIFY THE COMPONENTS, PER CEC 110.3, 110.22(C), 240.08, AND THE UL RECOGNITION DIRECTORY.
- PROVIDE MINIMUM 30" WIDE x 78" HIGH x 36" DEEP [42" DEEP] WORK CLEARANCES IN FRONT OF PANELS, SERVICE OR EQUIPMENT RATED AT 120/208V 3Ø 4W [277/480V 3Ø 4W] PER CEC 110.26.
- PROVIDE A PLACARD ON EACH PANELBOARD INDICATING THE LOCATION AND IDENTIFICATION OF THE FEEDER SERVING THE PANEL PER CEC 408.4(B).
- ELECTRICAL RECEPTACLE OUTLETS ON BRANCH CIRCUIT OF 30 AMPERES OR LESS AND COMMUNICATION SYSTEM RECEPTABLES SHALL BE MOUNTED BETWEEN 15" AFF AND 48" AFF AND SHALL COMPLY WITH CBC SECTION 11B-308. THE LOW REACH SHALL BE MEASURED TO THE BOTTOM OF THE OUTLET BOX AND THE HIGH REACH SHALL BE MEASURED TO THE TOP OF THE OUTLET BOX. IF THE REACH IS OBSTRUCTED (E.G. BY CASEWORK, COUNTERS, ETC.), RECEPTABLES SHALL BE LOCATED WITHIN THE REACH RANGES SPECIFIED IN CBC 11B-308.2.2 AND 11B-308.3.2.
- CONTROLS AND SWITCHES INTENDED TO BE USED BY THE OCCUPANT OF A ROOM OR AREA TO CONTROL LIGHTING AND RECEPTACLE OUTLETS SHALL BE MOUNTED BETWEEN 15" AFF AND 48" AFF AND SHALL COMPLY WITH CBC SECTION 11B-308. THE LOW REACH SHALL BE MEASURED TO THE BOTTOM OF THE OUTLET BOX AND THE HIGH REACH SHALL BE MEASURED TO THE TOP OF THE OUTLET BOX. IF THE REACH IS OBSTRUCTED (E.G. BY CASEWORK, COUNTERS, ETC.), SWITCHES AND CONTROLS SHALL BE LOCATED WITHIN THE REACH RANGES SPECIFIED IN CBC 11B-308.2.2 AND 11B-308.3.2.
- ALL WALL AND SURFACE MOUNTED FIXTURES PROTRUDING IN THE PATH OF TRAVEL (POT) OR COMMON PEDESTRIAN WAYS SHALL COMPLY WITH CBC 11B-307.2, OR SHALL BE MOUNTED LESS THAN 27" AFF OR GREATER THAN 80" AFF, OR SHALL BE PROVIDED WITH A BARRIER CONFORMING TO CBC 11B-307.4.
- PROVIDE ILLUMINATED EMERGENCY POWER PER 2019 CFC, SECTION 1006.3.
- EMERGENCY EGRESS LIGHTING SHALL PROVIDE A MINIMUM LUMINANCE OF 1 FOOTCANDLE AT THE WALKING SURFACE FOR A MINIMUM OF 90 MINUTES.
- FIRE ALARM EQUIPMENT SHALL BE SERVED BY DEDICATED FIRE ALARM BRANCH CIRCUITS PER NFPA 72 10.6.5.1.2. THE CIRCUIT NUMBER SHALL BE PERMANENTLY IDENTIFIED AT THE FIRE ALARM EQUIPMENT PER NFPA 10.6.5.2.1. THE CIRCUIT BREAKER SHALL BE EQUIPPED WITH RED HANDLE AND LOCK-ON DEVICE, AND PERMANENTLY IDENTIFIED AS FIRE ALARM CIRCUIT PER NFPA 72 10.6.5.2.2, 10.6.5.2.3, 10.6.5.2.4, AND 10.6.5.4.
- WIRING FOR 120/208V AND 277/480V SYSTEMS SHALL BE MIN. #12 AWG THHN/THWN COPPER.
- FEEDERS SIZE #4 AND LARGER SHALL BE MEGGER TESTED. TEST RESULTS SHALL BE SUBMITTED TO THE ENGINEER.
- ALL UNDERGROUND CONDUITS SHALL HAVE MINIMUM 36" COVER. INSTALL GALVANIZED RIGID STEEL RISERS & ELBOWS WHERE RISERS OCCUR OR WRAP AROUND BELOW GRADE OR PROVIDE PVC COATED GRS. EXPOSED CONDUIT SHALL BE GRS TO 8'-0", THEN EMT ABOVE AS APPROPRIATE. UNDER NO CIRCUMSTANCES SHALL PVC CONDUIT BE INSTALLED ABOVE GRADE.
- CONDUIT INSTALLED ABOVE GRADE SHALL BE MIN. 3/4" TRADE SIZE. CONDUIT BELOW GRADE SHALL BE MIN. 1" TRADE SIZE.
- PROVIDE (4) 1" CONDUIT STUBS FROM EACH NEW ELECTRICAL PANEL TO ACCESSIBLE ATTIC SPACE FOR FUTURE USE.
- COLORS/FINISHES/MATERIALS FOR ALL ELECTRICAL DEVICES, PLATES, LIGHT FIXTURES, ETC. SHALL BE CHOSEN BY THE CITY.
- PROVIDE PERMANENT LOCK-OPEN DEVICES ON CIRCUIT BREAKERS SERVING ELECTRIC WATER HEATERS TO MEET THE REQUIREMENTS OF CEC 422.31.
- BEFORE AN OCCUPANCY PERMIT IS GRANTED FOR A NEWLY CONSTRUCTED BUILDING OR AREA, OR NEW LIGHTING SERVING A BUILDING, AREA OR SITE IS OPERATED FOR NORMAL USE, ALL INDOOR AND OUTDOOR LIGHTING CONTROLS SERVING THE BUILDING, AREA OR SITE SHALL BE CERTIFIED AS MEETING THE "ACCEPTANCE REQUIREMENTS" FOR CODE COMPLIANCE IN ACCORDANCE WITH SECTION 130.4. A "CERTIFICATE OF ACCEPTANCE" SHALL BE SUBMITTED TO THE ENFORCEMENT AGENCY UNDER SECTION 10-103(G) OF PART 1 THRU 7(c).
- AT TIME OF "FINAL INSPECTION", ALL CODE REQUIRED SIGN CONTROLS WILL BE REQUIRED TO HAVE BEEN INSTALLED. REFERENCE SECTION 130.4 OF THE 2019 CALIFORNIA ENERGY CODE.
- THE CALIFORNIA STATE LICENSE BOARD (CSLB) "ZERO TOLERANCE POLICY" IN EFFECT FOR NON-COMPLIANT LABOR CODE SECTIONS 3099 AND 2099.2, SECTIONS 209.0 AND THE AB 931, AS OF JANUARY 2006, ENFORCEMENT OF LEGAL ACTION WILL BE ISSUED TO ANY C-10 CONTRACTOR WHO FULLY EMPLOYS AN "UNCERTIFIED ELECTRICIAN" TO PERFORM ELECTRICAL WORK IN THE STATE OF CALIFORNIA.
- A COMPLETE AND OPERATING FIRE ALARM SYSTEM SHALL BE DESIGNED AND BUILT BY THE CONTRACTOR, SUBMITTED TO THE CITY OF CLOVIS FIRE PREVENTION, APPROVED AND PERMITTED.
- THE GENERAL CONTRACTOR SHALL COORDINATE THE FIRE ALARM SYSTEM INTERFACES BETWEEN THE FIRE ALARM CONTRACTOR, SPRINKLER CONTRACTOR, MECHANICAL CONTRACTOR, AND ANY OTHER PERTINENT TRADES (FIRE ALARM, SPRINKLER SYSTEM, HOOD AND VENT EXTINGUISHING SYSTEM, HVAC, FIRE SMOKE DAMPERS, ETC.).
- WHEN THE TOTAL COMBINED CFM FOR ALL HVAC UNITS IN A FIRE COMPARTMENT IS IN EXCESS OF 2000, DETECTION OF SMOKE IN ANY ONE OF THE DUCT DETECTORS SHALL SHUT OFF THE POWER SOURCES TO ALL THE UNITS PER CLOVIS FIRE POLICY 497.4.
- ELECTRICAL CONTRACTOR SHALL CONTACT AND COORDINATE WITH COMCAST FOR INSTALLATION OF CATV. COORDINATE THE LOCATION OF ANY EXTERIOR INSTALLATION WITH THE ELECTRICAL ENGINEER, ARCHITECT AND CITY REPRESENTATIVE PRIOR TO INSTALLATION. CONTACT WILLIAM HAMOOD (WILLIAM.HAMOOD@CABLECOM.LLC.NET) WITH CABLECOM, LLC. FOR COORDINATION AND PLACEMENT OF COMCAST FACILITIES. REFERENCE "B00000461861 CLOVIS SENIOR CENTER".

EQUIPMENT ANCHORAGE NOTES

- ALL ELECTRICAL EQUIPMENT AND COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC, SECTION 1616A.1.18 THROUGH 1616A.1.26 AND ASCE 7-10, CHAPTERS 13, 26 AND 30:
- ALL PERMANENT EQUIPMENT AND COMPONENTS.
  - TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING ELECTRICAL UTILITY SERVICE.
  - MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS (REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS)
- THE FOLLOWING ELECTRICAL EQUIPMENT AND COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NOT NEED BE DETAILED ON THE PLANS:
- EQUIPMENT AND COMPONENTS THAT WEIGH LESS THAN 400 POUNDS AND THAT HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE AN ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORTS THE COMPONENT.
  - EQUIPMENT AND COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.
- THESE ABOVE EQUIPMENT AND COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED CONDUIT.
- FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

DISTRIBUTION SYSTEM BRACING NOTES

- THE ELECTRICAL DISTRIBUTION SYSTEM SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-10, SECTION 13.3 AS DEFINED IN ASCE 7-10, SECTIONS 13.6.8, 13.6.7, AND 13.6.5.6, AND 2019 CBC, SECTIONS 1616A.1.23 THRU 1616A.1.26.
- THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.



**PAUL HALAJIAN ARCHITECTS**  
 389 Clovis Ave, Suite 200  
 Clovis, CA 93612-1185  
 T: 559.297.7900 F: 559.297.7950  
 www.halajianarch.com



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**PROJECT:**  
**Clovis Landmark Square**  
**Senior Activity Center and Transit Center**  
 735 Third Street, Clovis, CA 93612  
**SHEET: ELECTRICAL SYMBOLS & NOTES**

DRAWING SET INFORMATION:

8/12/2020	BACKCHECK APPROVAL
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REVISIONS:

2	10/08/2020	ADDENDUM 01
3	10/23/2020	ADDENDUM 02

PROJECT NUMBER: 2016-39

SHEET NUMBER: AD2-E001

**HD**  
 Hardin-Davidson Engineering  
 356 Potlisky Ave., Suite 200  
 Clovis, CA 93612  
 559.323.4995 tel • 559.323.4928 fax

**LUMINAIRE SCHEDULE**

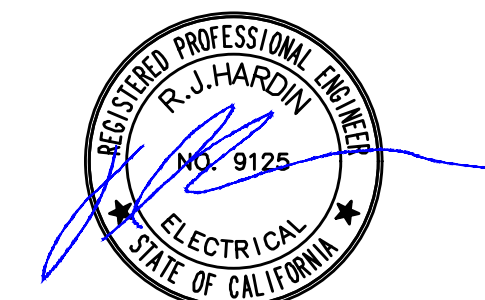
TYPE	MANUFACTURER	LAMP	WATTS	VOLT	MOUNTING	REMARKS
A20	ABL	SPANL 2x2 2000LM 80CRI 35K 3DCB MIN10 ZT MVOLT MW NLTAIR2 RIO	LED	16.3	MVOLT	T-BAR
A20E	ABL	SPANL 2x2 2000LM 80CRI 35K 3DCB MIN10 ZT MVOLT MW NLTAIR2 RIOEM	LED	16.3	MVOLT	T-BAR
A20S	ABL	SPANL 2x2 2000LM 80CRI 35K 3DCB MIN10 ZT MVOLT MW NLTAIR2 RES7PDT	LED	16.3	MVOLT	T-BAR
A20SE	ABL	SPANL 2x2 2000LM 80CRI 35K 3DCB MIN10 ZT MVOLT MW NLTAIR2 RES7EM	LED	16.3	MVOLT	T-BAR
A34	ABL	SPANL 2x2 3400LM 80CRI 35K 3DCB MIN10 ZT MVOLT MW NLTAIR2 RIO	LED	25	MVOLT	T-BAR
A34E	ABL	SPANL 2x2 3400LM 80CRI 35K 3DCB MIN10 ZT MVOLT MW NLTAIR2 RIOEM	LED	25	MVOLT	T-BAR
A34S	ABL	SPANL 2x2 3400LM 80CRI 35K 3DCB MIN10 ZT MVOLT MW NLTAIR2 RES7PDT	LED	25	MVOLT	T-BAR
A48	ABL	SPANL 2x2 4800LM 80CRI 35K 3DCB MIN10 ZT MVOLT MW NLTAIR2 RIO	LED	38.9	MVOLT	T-BAR
A48E	ABL	SPANL 2x2 4800LM 80CRI 35K 3DCB MIN10 ZT MVOLT MW NLTAIR2 RIOEM	LED	38.9	MVOLT	T-BAR
A48S	ABL	SPANL 2x2 4800LM 80CRI 35K 3DCB MIN10 ZT MVOLT MW NLTAIR2 RES7PDT	LED	38.9	MVOLT	T-BAR
B8	PRUDENTIAL	BIO2LIN LED35 HOLO R16 LED35 MBW-D1 -CW SC UNV CAQ48" X1 DM01	LED	132	MVOLT	PENDANT
B16	PRUDENTIAL	BIO2LIN LED35 HOLO R16 LED35 MBW-D1 -CW SC UNV CAQ48" X1 DM02	LED	264	MVOLT	PENDANT
C1	ABL	STL4 40L EZ1 LP835	LED	35	MVOLT	SURFACE
C2	ABL	STL4 48L EZ1 LP835	LED	45	MVOLT	SURFACE
D	ABUGOTHAM	EVO8 30/100 AR MD LSS MVOLT GZ1 NLTAIR2	LED	97	MVOLT	REC
DE	ABUGOTHAM	EVO8 30/100 AR MD LSS MVOLT GZ1 NLTAIRER2	LED	97	MVOLT	REC
D2	JUNO	2LEDDRIVER G2 10LM MVOLT ZT / 2LEDTRIM G2 DC 35K 90CRI NFL WHBZ / 2NCMF	LED	11	MVOLT	REC
D2A	JUNO	2LEDDRIVER G2 10LM MVOLT ZT / 2LEDTRIM G2 ADJ 35K 90CRI FL BZ / 2NCMF	LED	11	MVOLT	REC
D4	JUNO	IC4AL10LM 35K 90CRI NFL MVOLT ZT 42L WHZABZ	LED	16	MVOLT	REC
D6	JUNO	IC22LED G4 14LM 35K 90CRI MVOLT ZT 1 ZHYP3 WHZABZ	LED	16	MVOLT	REC
F1	ABL	ZL1D L96 10000LM FST MVOLT 35K 80CRI WH	LED	81	MVOLT	SURFACE
G1	LUMINIS	FR2282-L1L140-277V-XXX-STMXX	LED	105	277V	STEM
G2	LUMINIS	FR2282-K35-L1L140-277V-XXX-STMXX	LED	105	277V	STEM
G3	Y LIGHTING/CERNO	CRNP122073 (36" DIAMETER, 19.5W/2815 LUMEN) 120/277V LED, CRI 90, 3500K	LED	19.5	MVOLT	STEM
G4	LUMINIS	FR2282-L1L140-277V-XXX-STMXX	LED	105	277V	STEM
G5	ANP LTG	MBVA16-M016LDD-T2-40K-E6-WMBVS01-73	LED	16	277V	WALL
H	ABL	DMW2-L24-4000LM APC W3 MVOLT GZ1 NLTAIR2	LED	40	MVOLT	SURFACE
J1	ECOSENSE	L35 I 12" 06 35 80 MULT 120	LED	6	MVOLT	SOFFIT
J4	ECOSENSE	L35 I 48" 06 35 80 MULT 120	LED	24	MVOLT	SOFFIT
K	ABUGOTHAM	MYO 2X B35K B1000LM BWWVD BBL7 BVL TRBL7 MVOLT UGZ	LED	31	MVOLT	RECESSED
M	ELECTRIC MIRROR	INT2-48.00x36.00-L7CS-30K	LED	73	120V	WALL
N	KICHLER	UU571087	LED	100	120V	PENDANT
S1	ANP LTG	BVA2401-P078LD4-D-T2-40K-HLMSPC-06-PA3113-49	LED	80	120/277	POLE
S1A	ANP LTG	BVA2401-P078LD4-D-T2-40K-PC-PA3113-49	LED	80	120/277	POLE
S2	ANP LTG	BVA2401-P078LD4-D-T5-40K-PC-PA3113-49	LED	80	120/277	POLE
S3	ANP LTG	BVA2401-P078LD4-D-T3-40K-PC-PA3113-49	LED	80	120/277	POLE
S4	ANP LTG	BVA2401-P078LD4-D-T3-40K-PC-PA31132-49	LED	160	120/277	POLE
S6	HYDREL	FLACER-3LED16-40K-12-NFL-FLC-CN5-S9012-C1-BRT	LED	6	120	Column
T			LED			PIPE BATTEN FOR THEATRICAL LIGHTING BY OTHERS
U	JUNO	UCES 36IN SWWW 90CRI WH M6	LED	16.7	120	SURFACE
X	ISOLITE	TL2-AC-G-S-AA-UN	LED	2	MVOLT	Single Face
X1	ISOLITE	TL2-AC-G-D-AA-UN	LED	2	MVOLT	Double Face
X2	ISOLITE	DCL-G-U-AA	LED	6	MVOLT	COMBO EXIT
X4	ABL	ELM2L	LED	1.09	MVOLT	
XG	ISOLITE	ALT-AC-G-1M-AG-XX-MMR-AN	LED	2.3	MVOLT	MULLION
XR3	ABL/LUMINAIRE	BLD 36IN NODIM 15W 40K 277 XXX PC	LED	15	277	
XR6	ABL/LUMINAIRE	BLD 72IN NODIM 30W 40K 277 XXX PC	LED	30	277	
INV-S	IOTA	IIS 3750 277IN 277OUT ST SZM FSREG OB6 1P277 20AMP ON BOB4 B1P277 B20AMP BOFF	--	--	277	FLOOR MOUNT
INV-T	IOTA	IIS 2250 277IN 277OUT ST SZM FSREG OB6 1P277 20AMP ON BOB4 B1P277 B20AMP BOFF	--	--	277	FLOOR MOUNT
LCC-S	ABL	ARP INTENC16 NLT 12SPR MVOLT 2VB HLK SM	--	--	277	SURFACE
LCC-T	ABL	ARP INTENC16 NLT 12SPR MVOLT 2VB HLK SM	--	--	277	SURFACE

NOTE TO CONTRACTOR REGARDING CCTV CAMERAS AT SITE POLES S1 THROUGH S4:  
 THE CONTRACTOR SHALL OBTAIN THE CAMERA MOUNTING ARM DRILL PATTERN FROM THE CITY OF CLOVIS AND HAVE THE POLES FACTORY MODIFIED WITH WITH STRENGTHENING PLATE AS REQUIRED, DRILLED AND TAPPED AS REQUIRED FOR THE MOUNTING ARMS ON THE POLES SHOWN ON THE SITE ELECTRICAL PLAN, SHEET E101.

**LIGHTING CONTROL MATRIX**

ROOM NUMBER	ROOM NAME	VACANCY MODE	OCCUPANCY MODE	SENSOR TIMEOUT PERIOD (MINUTES)	DUAL TECHNOLOGY	TIME CLOCK		WALL SWITCH		DAYLIGHT SENSOR		OTHER		
						SCHEDULED ON AT	SCHEDULED OFF AT	SCHEDULE OVERRIDE SWITCH	MANUAL DIMMING	MANUAL DIMMING	KEY SWITCH	SCENE CONTROL	GRAPHICAL TOUCHSCREEN	SWITCHING (ON/OFF)
100	TENANT SPACE (NO LTG)													
101	STORAGE	X		10 MIN	X				X	X				
102	CUSTODIAN	X		10 MIN	X				X	X				
103	OFFICE	X		10 MIN	X				X	X				
104	TOILET ROOM	X		10 MIN	X				X	X				
105	KITCHEN	X	X	10 MIN	X				X	X				
106	LINEN STORAGE	X		10 MIN	X				X	X				
107	PANTRY STORAGE	X		10 MIN	X				X	X				
108	FITNESS ROOM	X		10 MIN	X				X	X				
109	LARGE OFFICE	X		10 MIN	X				X	X				
110	BREAK ROOM	X		10 MIN	X				X	X				
111	TOILET ROOM	X		10 MIN	X				X	X				
112	TOILET ROOM	X		10 MIN	X				X	X				
113	TOILET ROOM	X		10 MIN	X				X	X				
114	TOILET ROOM	X		10 MIN	X				X	X				
115	SMALL OFFICE	X		10 MIN	X				X	X				
116	HALL	X	X	10 MIN	X				X	X				
117	SMALL OFFICE	X		10 MIN	X				X	X				
118	COPY ROOM	X		10 MIN	X				X	X				
119	CNFERENCE ROOM	X		10 MIN	X				X	X				
120	SMALL OFFICE	X		10 MIN	X				X	X				
121	OPEN OFFICE	X	X	30 MIN	X				X	X	X	X		
122	LARGE OFFICE	X		10 MIN	X				X	X				
123	LARGE OFFICE	X		10 MIN	X				X	X				
124	CHECK-OUT	X		10 MIN	X				X	X				
125	MAIN ENTRY					OWNER SPEC	OWNER SPEC	X	X	X				
126	NORTH LOBBY					OWNER SPEC	OWNER SPEC	X	X	X				
127	NORTH HALL	X		10 MIN	X				X	X				
128	TOILET ROOM	X		10 MIN	X				X	X				
129	MEETING ROOM A	X		10 MIN	X				X	X				
130	EAST HALL	X		10 MIN	X				X	X				
131	MEETING ROOM B	X		10 MIN	X				X	X				
132	ELECTRICAL								X	X				
133	SOUTH LOBBY					OWNER SPEC	OWNER SPEC	X	X	X				
134	CLASSROOM A	X		10 MIN	X				X	X				
135	CLASSROOM B	X		10 MIN	X				X	X				
136	YOGA	X		10 MIN	X				X	X				
137	WEST HALL	X		10 MIN	X				X	X				
138	ART	X		10 MIN	X				X	X				
138A	CLOSET	X		10 MIN	X				X	X				
138B	CLOSET	X		10 MIN	X				X	X				
138C	CLOSET	X		10 MIN	X				X	X				
139	BILLIARDS	X		10 MIN	X				X	X				
140	SOUTH HALL	X		10 MIN	X				X	X				
141	DATA ROOM	X		30 MIN	X				X	X				
142	CUSTODIAN	X		10 MIN	X				X	X				
143	MEN'S TOILET ROOM	X		10 MIN	X				X	X				
144														
145	WOMEN'S TOILET ROOM	X		10 MIN	X				X	X				
146	TOILET ROOM	X		10 MIN	X				X	X				
147	BAR SALES	X		10 MIN	X				X	X				
148	WEST LOBBY					OWNER SPEC	OWNER SPEC	X	X	X				
149	STORAGE	X		10 MIN	X				X	X				
150	ALCOVE SOUTH	X		10 MIN	X				X	X				
151	MULTI-PURPOSE ROOM	X		10 MIN	X				X	X				
152	STAGE	X		10 MIN	X				X	X				
152A	STAGE ATTIC	X		10 MIN	X				X	X				
153	HALL	X		10 MIN	X				X	X				
153A	CLOSET	X		10 MIN	X				X	X				
154	GREEN ROOM NORTH	X		10 MIN	X				X	X				
155	AV ROOM	X		10 MIN	X				X	X				
156	GREEN ROOM SOUTH	X		10 MIN	X				X	X				
157	HALL	X		10 MIN	X				X	X				
157A	CLOSET	X		10 MIN	X				X	X				
158	ALCOVE NORTH	X		10 MIN	X				X	X				
200	TOILET ROOM	X		10 MIN	X				X	X				
201	WAITING ROOM					OWNER SPEC	OWNER SPEC	X	X	X				
201A	VENDING					OWNER SPEC	OWNER SPEC	X	X	X				
202	OPEN OFFICE	X		30 MIN	X				X	X				
203	MEETING ROOM	X		10 MIN	X				X	X				
204	LARGE OFFICE	X		10 MIN	X				X	X				
205	SMALL OFFICE	X		10 MIN	X				X	X				
206	SMALL OFFICE	X		10 MIN	X				X	X				
207	SMALL OFFICE	X		10 MIN	X				X	X				
208	SMALL OFFICE	X		10 MIN	X				X	X				
209	HALL	X		10 MIN	X				X	X				
210	CONFERENCE ROOM	X		10 MIN	X				X	X				
211	DATA	X		30 MIN	X				X	X				
212	WOMEN'S	X		10 MIN	X				X	X				
213	MEN'S	X		10 MIN	X				X	X				
214	HALL	X		10 MIN	X				X	X				
215	CUSTODIAL	X		10 MIN	X				X	X				
216	BREAK ROOM	X		10 MIN	X				X	X				
217	MEETING ROOM	X		10 MIN	X				X	X				
218	STORAGE	X		10 MIN	X				X	X				
219	UTILITY	X		10 MIN	X				X	X				
220	STORAGE	X		10 MIN	X				X	X				
221	ELECTRICAL ROOM								X	X				
222	STORAGE	X		10 MIN	X				X	X				
	EXTERIOR CANOPY					OWNER SPEC	OWNER SPEC	X	X	X				'D', 'G4'
	EXTERIOR FACADE					OWNER SPEC	OWNER SPEC	X	X	X				'S5A'
	SIGNS & BANNERS					OWNER SPEC	OWNER SPEC	X	X	X				'S6', 'S7'
	PARKING LOT & ROADS					OWNER SPEC	OWNER SPEC	X	X	X				'S1', 'S2', 'S3', 'S4'
	BUST SHELTER					OWNER SPEC	OWNER SPEC	X	X	X				'G1'

- LIGHTS SHALL DIM TO 50% WHEN SPACE IS



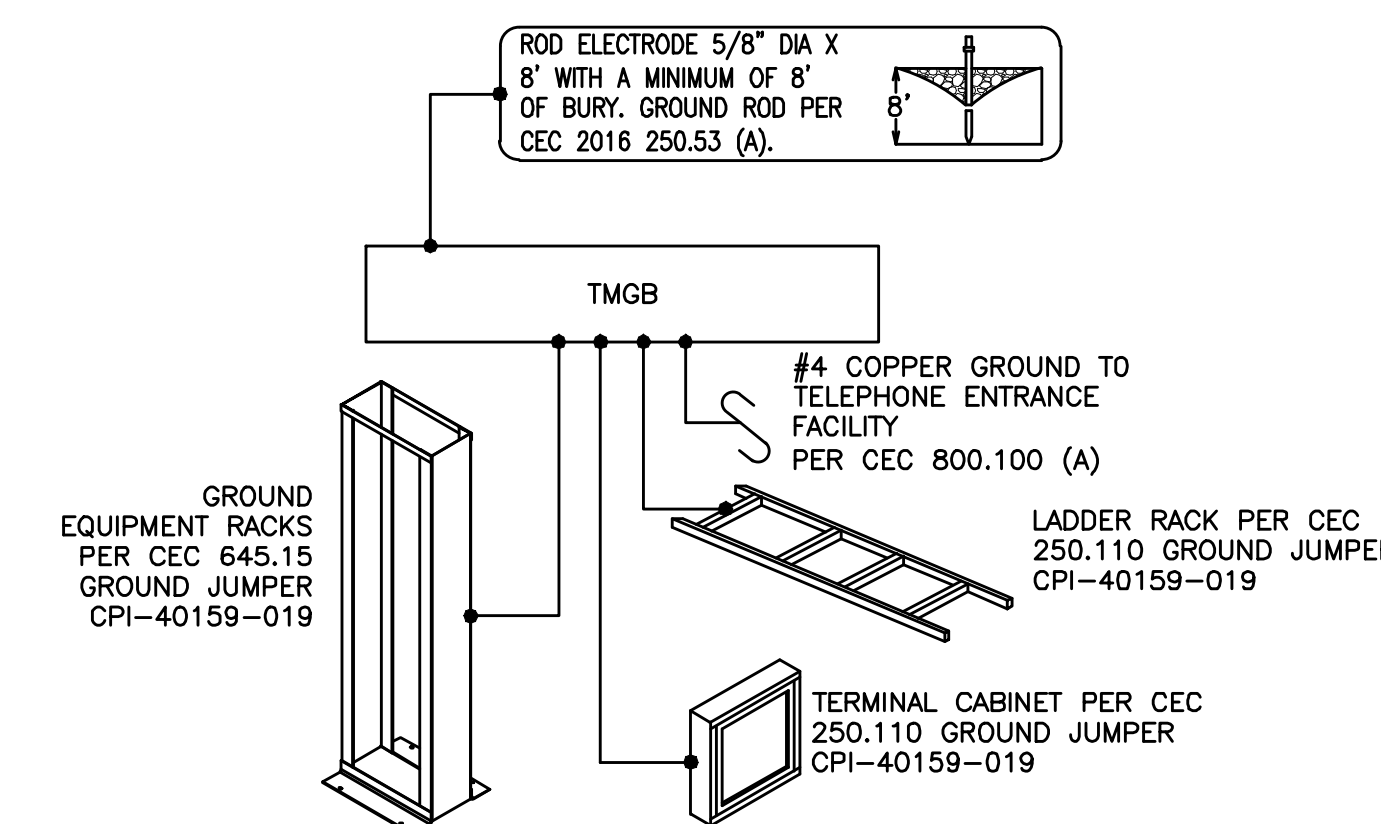
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**PROJECT:**  
**Clovis Landmark Square Senior Activity Center and Transit Center**  
 735 Third Street, Clovis, CA 93612  
**SHEET: LOW VOLTAGE DETAILS**

**DRAWING SET INFORMATION:**

8/12/2020	BACKCHECK APPROVAL
<b>REVISIONS:</b>	
2	10/08/2020 ADDENDUM 01
3	10/23/2020 ADDENDUM 02

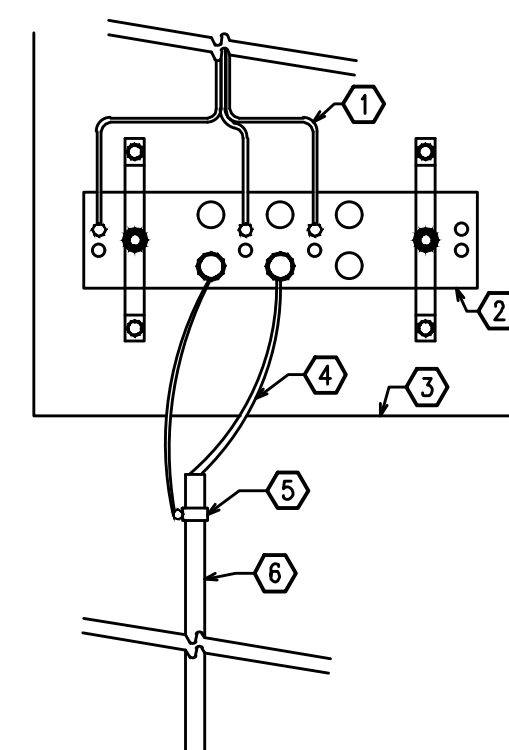
**PROJECT NUMBER:**  
 2016-39  
**SHEET NUMBER:**  
 AD2-E025



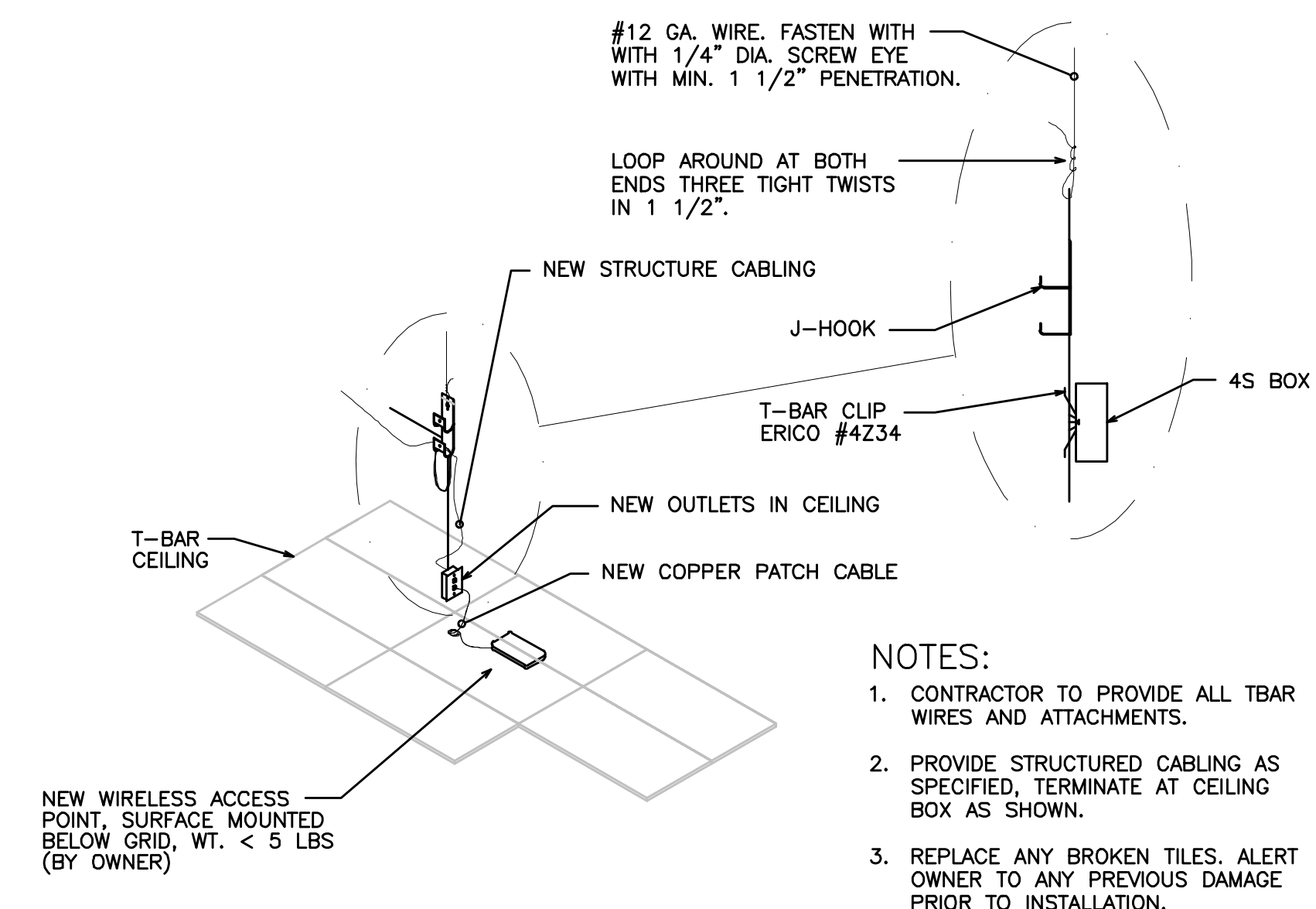
TMGB BUILDING GROUNDING DETAIL NONE 1

**KEYNOTES**

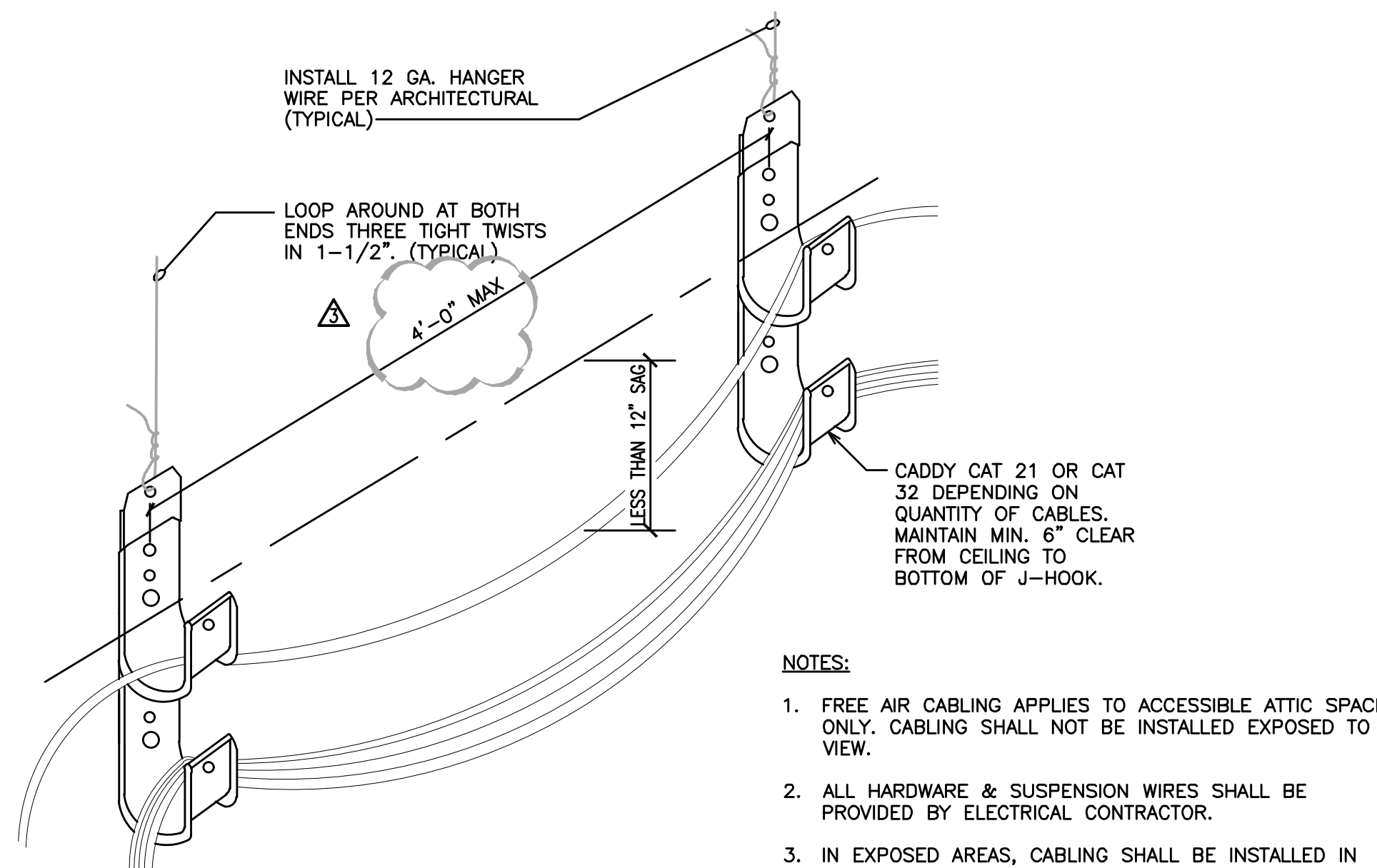
1. GROUNDING WIRE TO CONNECTED DEVICES PER CEC 654.15.
2. TMGB, PANDUIT #GB4A0606; 4"W x 12"L x 1/4" THICK.
3. LOW VOLTAGE SYSTEMS BACKBOARD.
4. #2 BARE GROUNDING WIRE.
5. GROUND CLAMP. #12CU BOND TO BUS.
6. 3/4" CONDUIT TO MAIN BUILDING GROUND BUS BAR/ROD/PANEL.



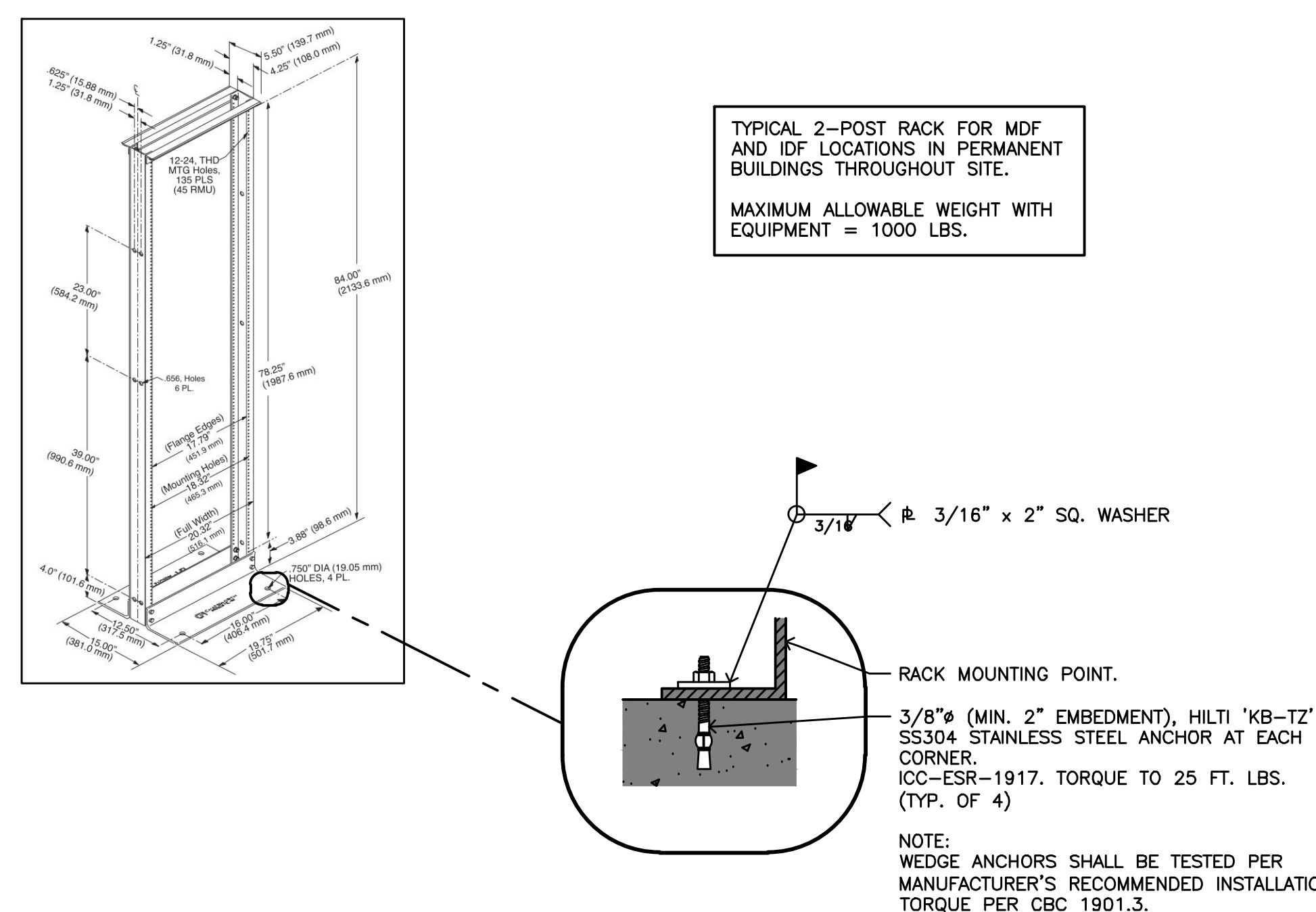
TMGB INSTALLATION DETAIL NONE 4



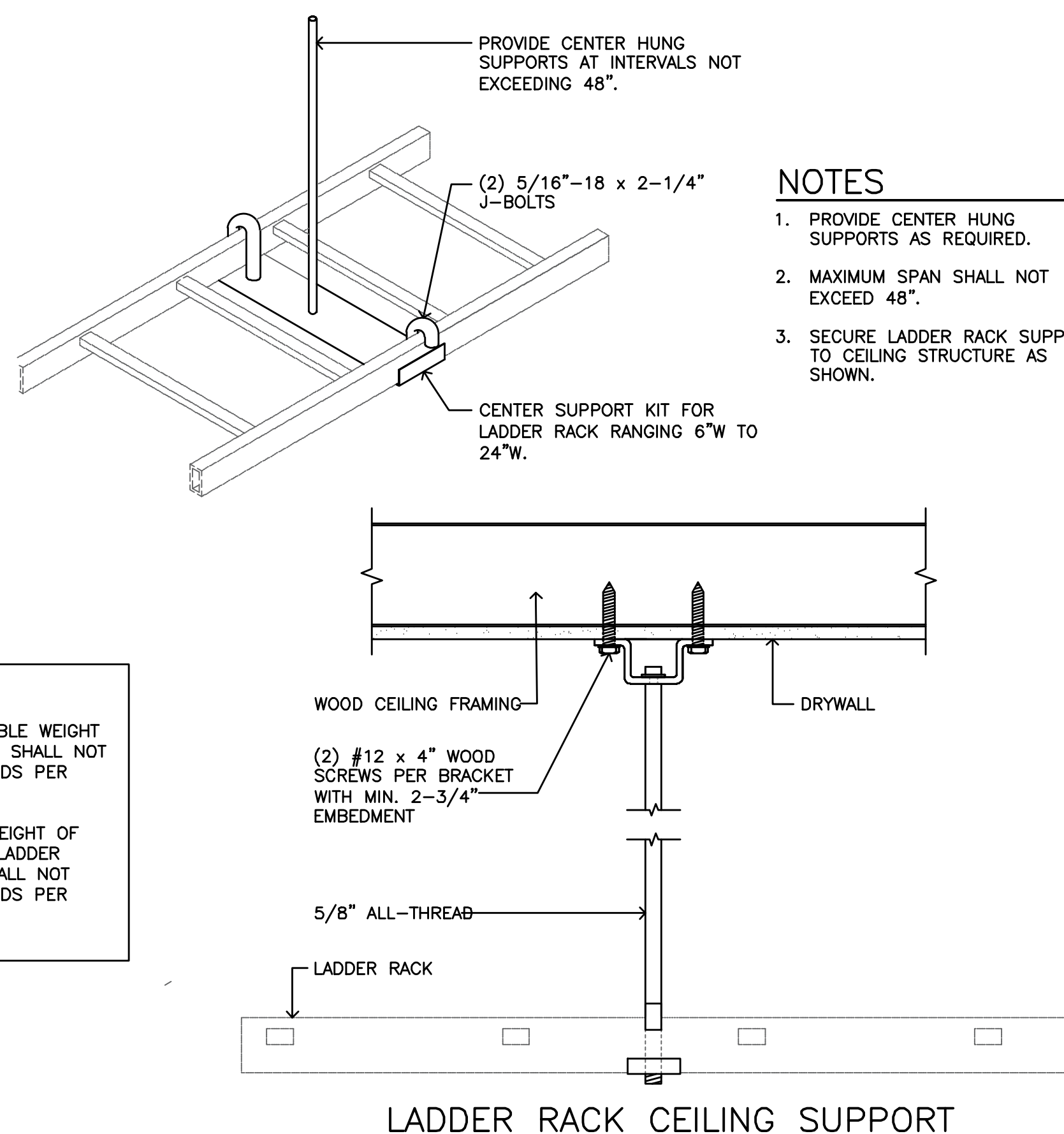
WIRELESS ACCESS POINT DATA JACKS DETAIL NONE 2



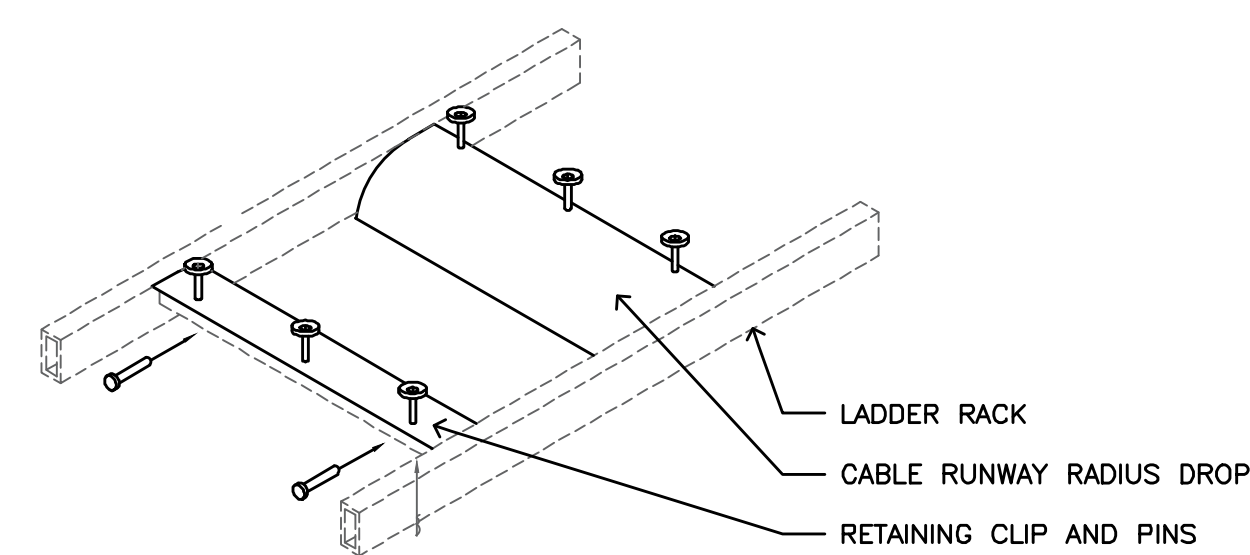
J-HOOK CABLING SUPPORT DETAIL NONE 5



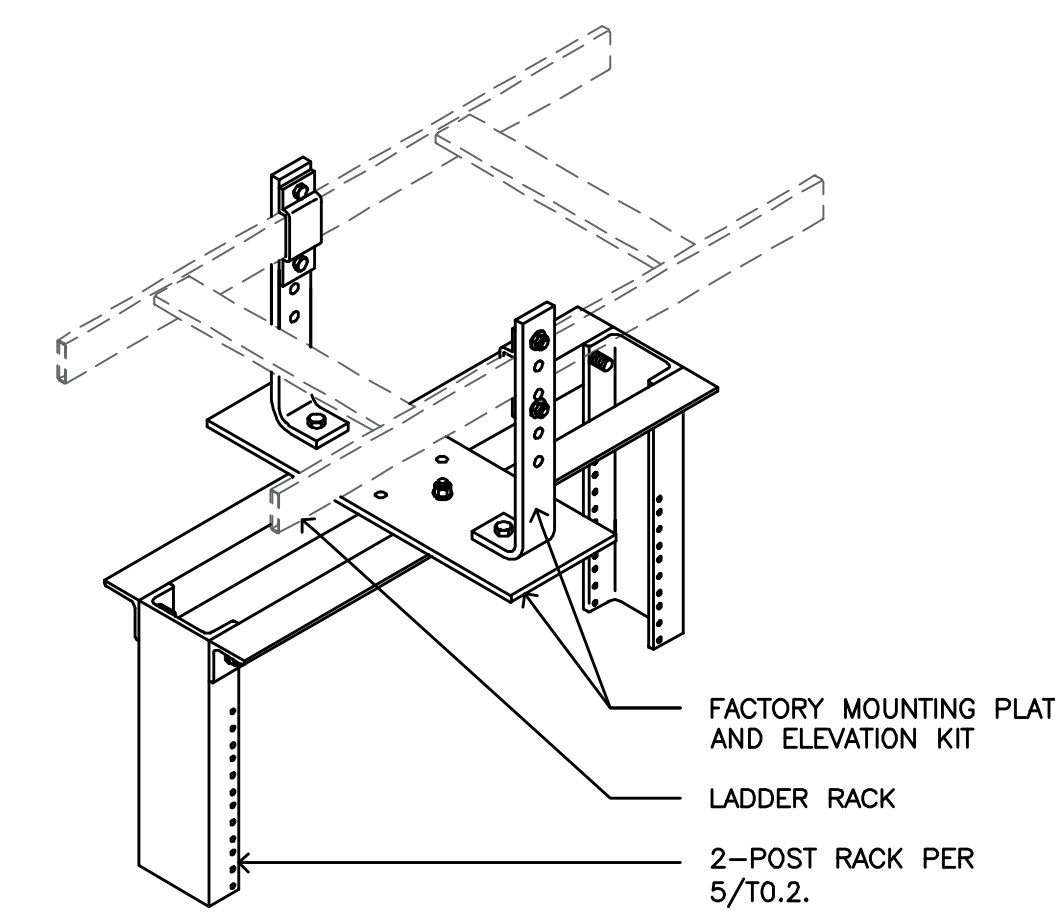
2-POST RACK MOUNTING DETAIL NONE 6



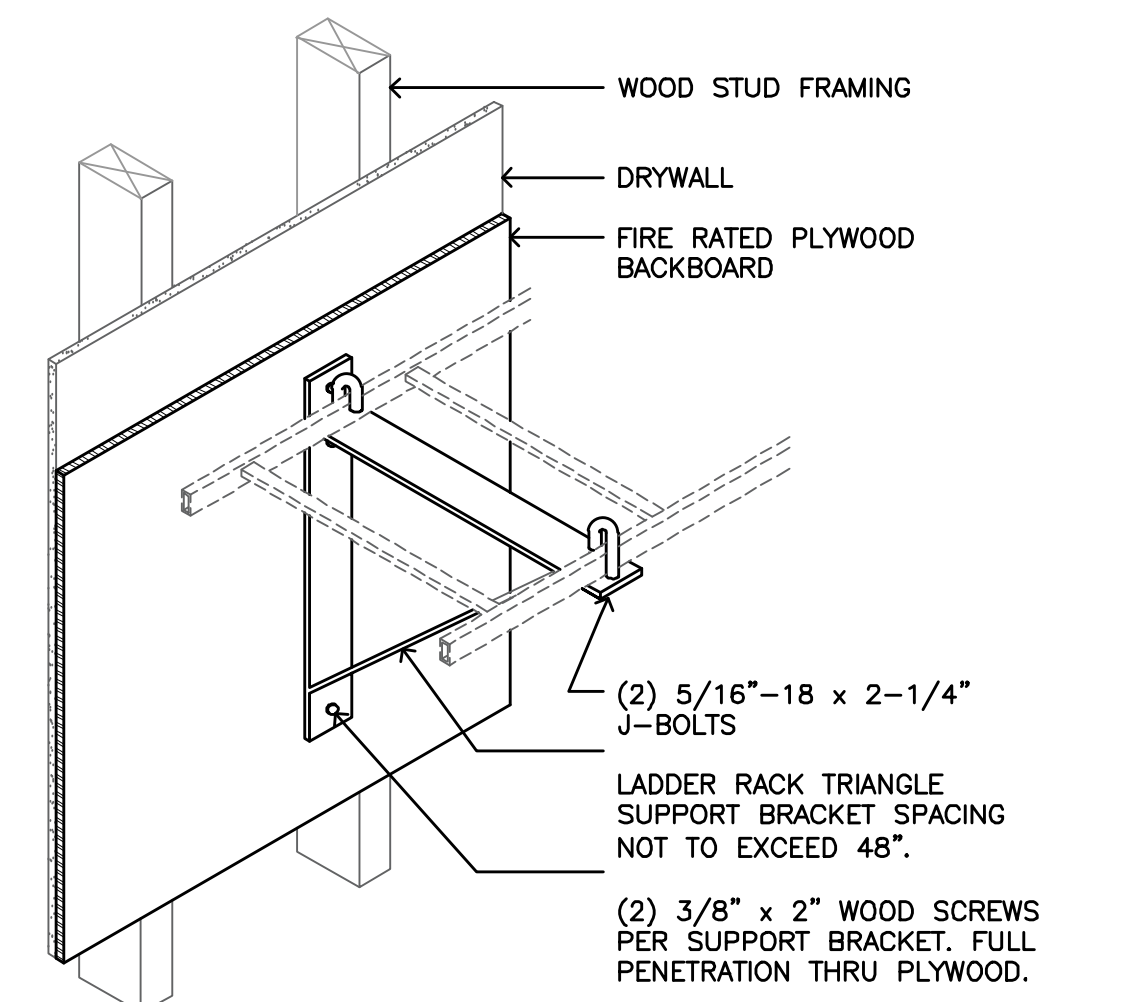
LADDER RACK CEILING SUPPORT



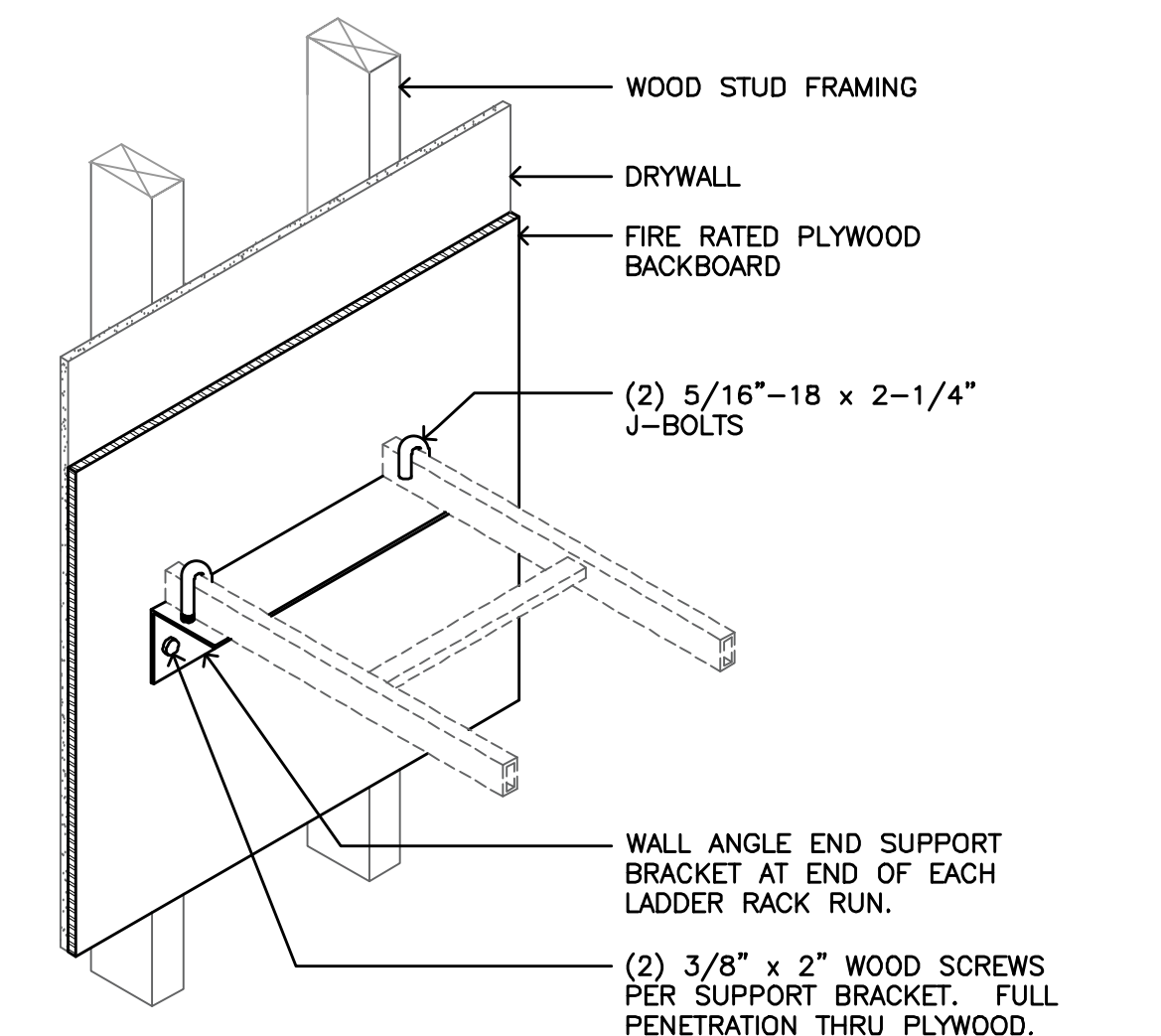
LADDER RACK CABLE TRANSITION



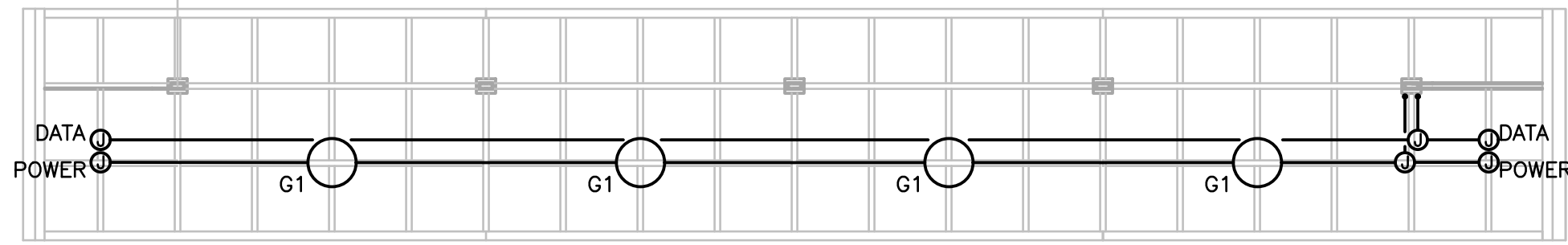
2-POST RACK SUPPORT



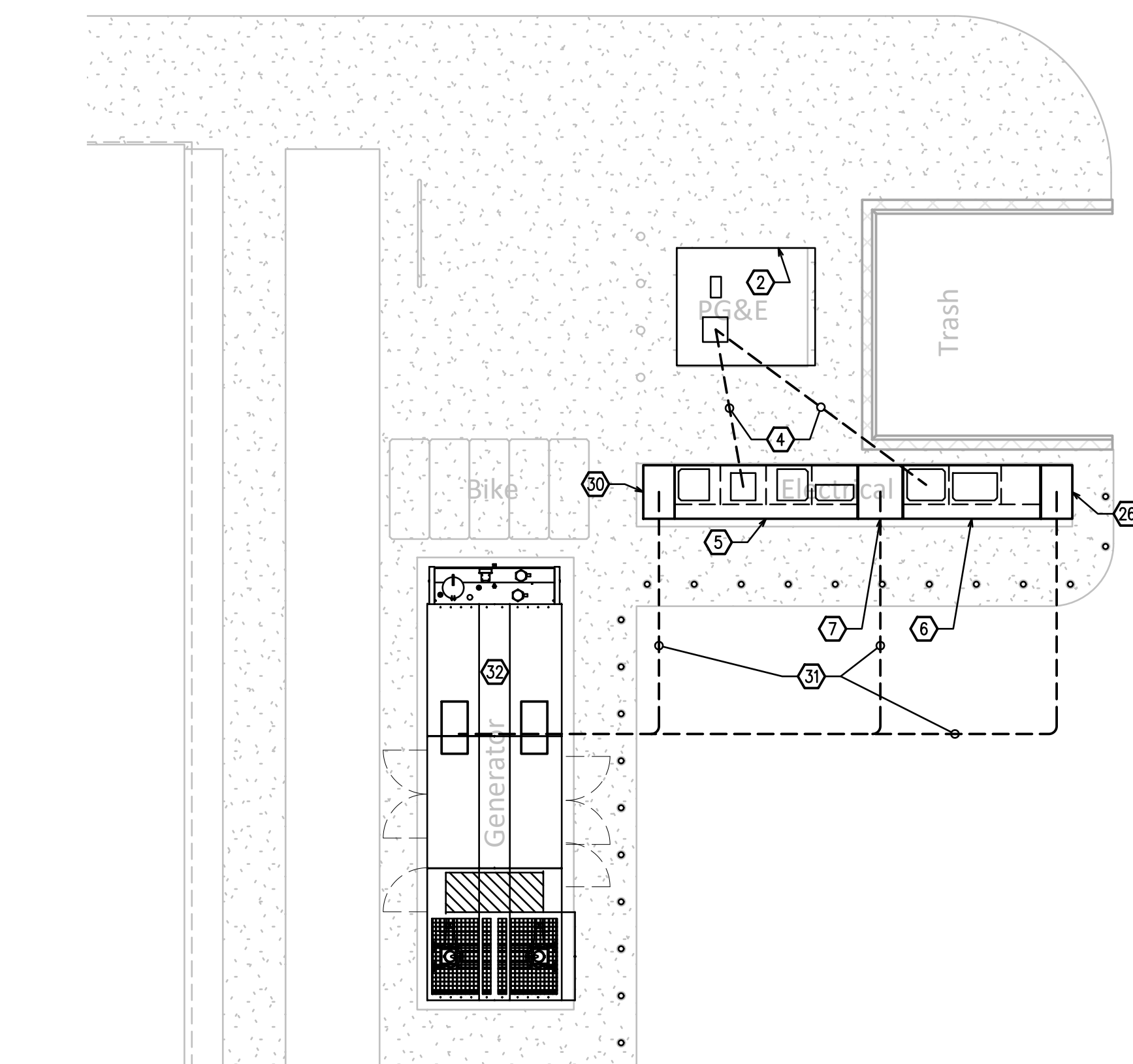
LADDER RACK WALL SUPPORT



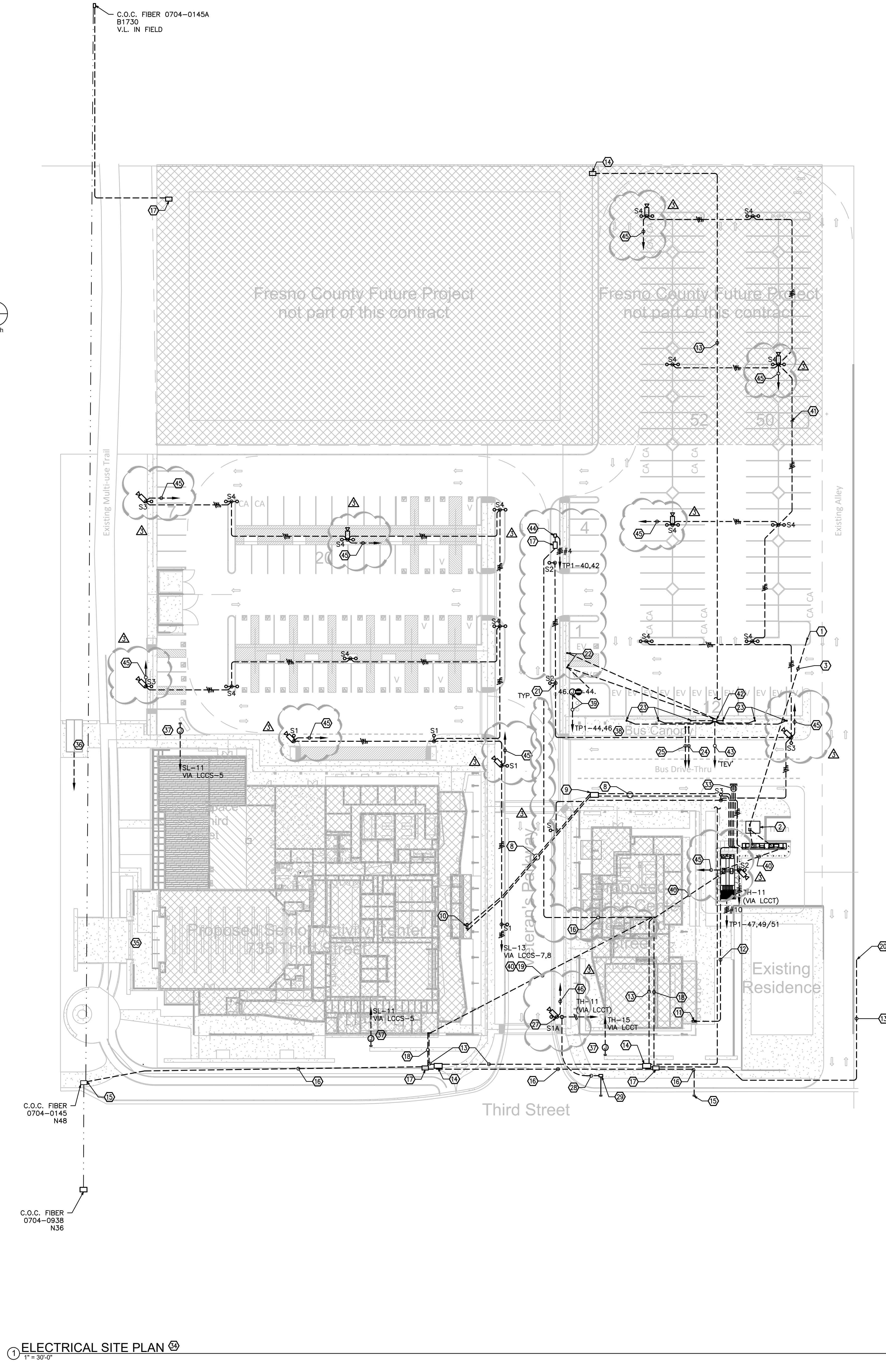
CABLE TRAY MOUNTING DETAIL NONE 3



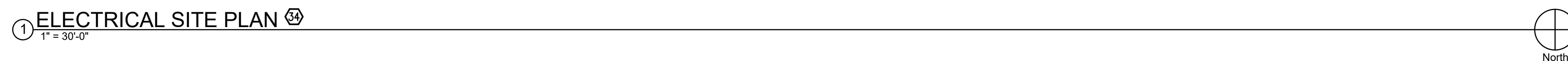
3 ENLARGED BUS CANOPY ELECTRICAL PLAN  
1/8" = 1'-0"



2 ENLARGED ELECTRICAL SITE PLAN  
1/8" = 1'-0"

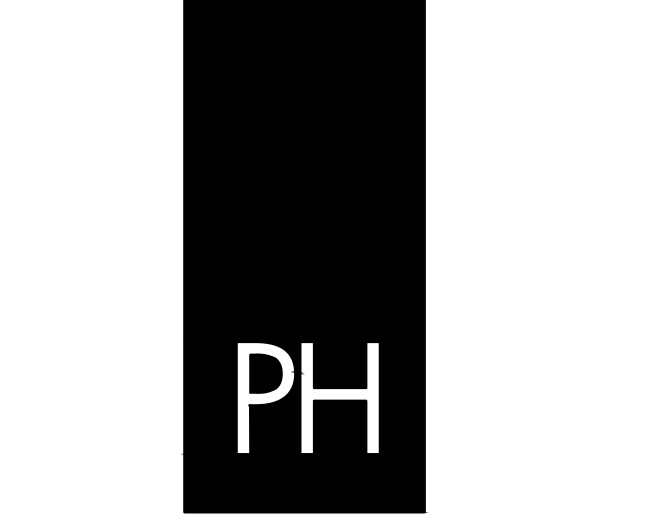


1 ELECTRICAL SITE PLAN  
1" = 30'-0"



KEYNOTES

- NEW P.G.&E. POWER POLE BY P.G.&E. VERIFY LOCATION AND COORDINATE WITH P.G.&E.
- NEW 106"X90" CONCRETE P.G.&E. TRANSFORMER PAD PER P.G.&E. SPECIFICATIONS. PROVIDE FIXED AND REMOVABLE BARRIER POSTS PER P.G.&E. SPECIFICATIONS.
- P.G.&E. PRIMARY CONDUIT(S) PER P.G.&E. SPECIFICATIONS AND RULE 16. SEE SINGLE LINE DIAGRAM, SHEET E022.
- P.G.&E. SECONDARY CONDUIT(S) PER P.G.&E. SPECIFICATIONS AND RULE 16. SEE SINGLE LINE DIAGRAM, SHEET E022.
- NEW SENIOR CENTER MAIN SWITCHBOARD 'MSB-S', 1200A, 277/480V, 3A, 4W, 42KAIC, NEMA 3R.
- NEW TRANSPORTATION CENTER MAIN SWITCHBOARD 'MSB-T', 1000A, 277/480V, 3A, 4W, 42KAIC, NEMA 3R.
- SENIOR CENTER AUTOMATIC TRANSFER SWITCH 'ATS-S' IN SWITCHBOARD. SEE SINGLE LINE DIAGRAM FOR MORE INFORMATION.
- PROVIDE AND INSTALL NEW FEEDERS FOR SENIOR CENTER AND TENANT SPACE. SEE SINGLE LINE DIAGRAM, SHEET E022.
- PROVIDE AND INSTALL 3'x5' H20 RATED PULL BOX WITH EXTENSION RINGS. COORDINATE WITH ADJACENT UTILITIES.
- DISTRIBUTION PANEL 'DB-S' AND ENCLOSED CIRCUIT BREAKER 'DB-ST' IN SENIOR CENTER ELECTRICAL ROOM. SEE SINGLE LINE DIAGRAM, SHEET E022 AND DETAIL 2/E203 FOR ENLARGED ELECTRICAL ROOM POWER PLAN.
- DISTRIBUTION PANEL 'DB-T' IN TRANSPORTATION CENTER ELECTRICAL ROOM. SEE SINGLE LINE DIAGRAM, SHEET E022.
- PROVIDE AND INSTALL NEW FEEDER FOR TRANSPORTATION CENTER. SEE SINGLE LINE DIAGRAM, SHEET E022.
- PROVIDE AND INSTALL 2-4"C. FOR AT&T SERVICE PER AT&T STANDARDS AND REQUIREMENTS.
- PROVIDE AND INSTALL NEW 3'x5' PULL-BOX, LID AND EXTENSIONS AS REQUIRED PER AT&T STANDARDS AND REQUIREMENTS. PULL-BOX SHALL BE FULL TRAFFIC RATED, TYPE H20. LID SHALL BE MARKED PER AT&T REQUIREMENTS.
- LOCATE EXISTING CITY OF CLOVIS FIBER PULL BOX AND PROVIDE 1-3"C. PER CITY STANDARDS SECTION 82.
- PROVIDE AND INSTALL 1-3"C. FOR CITY OF CLOVIS FIBER PER CITY STANDARDS SECTION 82. FIBER OPTIC CABLE, SPLICING, TERMINATIONS AND OTHER EQUIPMENT SHALL BE PER CITY STANDARDS.
- PROVIDE AND INSTALL PULL BOX PER CITY OF CLOVIS STANDARD DRAWING ITS-4, CHRISTY #148T.
- PROVIDE AND INSTALL 2-4"C. FOR CITY OF CLOVIS FIBER OPTIC SERVICE CABLING PER CITY STANDARDS SECTION 82. PROVIDE FIBER OPTIC CABLE, SPLICING AND TERMINATIONS AS REQUIRED PER CITY STANDARDS SECTION 82-17.
- PROVIDE AND INSTALL 2-3"C. BETWEEN THE SENIOR AND TRANSPORTATION CENTERS FOR FIBER OPTIC CABLING PER CITY STANDARDS SECTION 82.
- STUB 2-4"C. PER A.T.&T. STANDARDS AND REQUIREMENTS TO BASE OF AT&T POLE IN EXISTING ALLEY.
- PROVIDE AND INSTALL LIGHT POLE WITH BASE PER DETAIL 4/E011.
- FUTURE SINGLE VEHICLE CHARGER LOCATION. STUB 1" CONDUIT FLUSH WITH CONCRETE WITH GRC COUPLING AND PLUG. ROUTE CONDUIT TO EVSE PULL BOX. SEE KEYNOTE 42, THIS SHEET. PROVIDE PULL TAPE. INSTALL PER DETAIL 8/E024.
- FUTURE DOUBLE VEHICLE CHARGER LOCATION. STUB 1-1/2" CONDUIT FLUSH WITH CONCRETE WITH GRC COUPLING AND PLUG. ROUTE CONDUIT TO EVSE PULL BOX. SEE KEYNOTE 42, THIS SHEET. PROVIDE PULL TAPE. INSTALL PER DETAIL 8/E024.
- 1"C-2#12, 1#12GND. TO TH-13 VIA LCCT FOR BUS SHELTER LIGHTING. ROUTE CONDUIT UP BUS SHELTER SUPPORT COLUMN. CONCEAL ON COLUMN.
- 1"C. TO TRANSIT CENTER DATA ROOM FOR BUS SHELTER DIGITAL SIGNAGE. ROUTE CONDUIT UP BUS SHELTER SUPPORT COLUMN. CONCEAL ON COLUMN.
- TRANSPORTATION CENTER AUTOMATIC TRANSFER SWITCH 'ATS-T' IN SWITCHBOARD. SEE SINGLE LINE DIAGRAM FOR MORE INFORMATION.
- ENTRY ROAD LIGHT TO BE INSTALLED UNDER THIS PROJECT. PROVIDE CHRISTY #B1017 BOX, #B1017-12 EXTENSION AND #B1017-51.H LID MARKED 'STREET LIGHT'. CONNECT TO TRANSIT BUILDING SITE LIGHTING CIRCUIT WITH SEPARATE CONDUIT AND CONDUCTORS.
- 2"C. FOR FUTURE STREET LIGHT CONDUCTORS. INSTALL PER CITY STANDARDS. PROVIDE #10 WHITE LOCATING WIRE TO EXTERIOR OF CONDUIT, LEAVE MINIMUM 36" COILED INSIDE PULL BOX.
- PROVIDE CHRISTY #B1017 BOX, #B1017-12 EXTENSION AND #B1017-51.H LID MARKED 'STREET LIGHT'. STUB AND CAP 2" CONDUIT UNDER STREET FOR FUTURE CONNECTION. PROVIDE #10 WHITE LOCATING WIRE TO EXTERIOR OF CONDUIT, LEAVE MINIMUM 36" COILED INSIDE PULL BOX.
- FUTURE SENIOR CENTER AUTOMATIC TRANSFER SWITCH 'ATS-S2' IN SWITCHBOARD. SEE SINGLE LINE DIAGRAM FOR MORE INFORMATION.
- GENERATOR TO ATS CONDUITS AND CONDUCTORS. SEE SINGLE LINE DIAGRAM.
- 800 KW, 277/480V, 3A, 4W, NEMA 3R DIESEL ENGINE STAND-BY GENERATOR IN SOUND ATTENUATING ENCLOSURE ON CONCRETE PAD PER SPECIFICATIONS. GENERATOR SHALL HAVE (1) 800/3 AND (2) 400/3 CIRCUIT BREAKERS.
- (3)3"C. STUBS FOR FUTURE ELECTRIC BUS CHARGERS. VERIFY EXACT LOCATION OF STUB LOCATIONS PRIOR TO INSTALLATION. STUB-OUT LOCATION SHALL BE ADJACENT TO THE BUS CANOPY, NOT UNDER THE DRIVEWAY. PROVIDE WHITE #10 TRACER WIRE ON OUTSIDE OF EACH CONDUIT. WIRE SHALL EXTEND A MINIMUM OF 36" INTO SWITCHBOARD AND BE SECURED TO NOT CONTACT ANY ENERGIZED COMPONENTS.
- CONTRACTOR SHALL REVIEW CIVIL DRAWINGS AND INCORPORATE ANY ELECTRICAL AND/OR COMMUNICATIONS WORK SHOWN THEREIN. PLANS NOTE THE ADJUSTMENT IN LOCATION AND HEIGHTS OF EXISTING PULL BOXES, LIGHT POLES AND OTHER ITEMS.
- EXISTING "TOM STEARNS STATION" LOCATION. STRUCTURE TO BE RELOCATED NORTH ALONG EXISTING TRAIL.
- EXISTING RELOCATED "TOM STEARNS STATION". DISCONNECT EXISTING ELECTRICAL. INTERCEPT AND EXTEND EXISTING ELECTRICAL AS REQUIRED (1"-2" @ 10.14% GRD. MIN.) ALONG TRAIL TO NEW LOCATION. CONTRACTOR TO CLEAN EXISTING LIGHT FIXTURE AND REPLACE ANY LAMP, BALLAST OR OTHER COMPONENT TO BRING INTO STANDARD OPERATION. THE SOURCE OF POWER IS UNKNOWN. THE CONTRACTOR SHALL LOCATE THE EXISTING POWER SOURCE AND PROVIDE PERMANENT LABELING NEXT TO THE LIGHT FIXTURE OF THE SOURCE. IF THE STRUCTURE IS POWERED FROM THE CIRCUIT PROVIDING POWER TO THE GENERAL TRAIL FIXTURES, THE CONTRACTOR MAY CONNECT TO THE CLOSEST FIXTURE. COORDINATE WITH OTHER TRADES AS REQUIRED. PROVIDE ADDITIONAL 1"C STUB 4' AWAY FROM STRUCTURE FOR FUTURE CCTV CONNECTION. PROVIDE TRACER WIRE PER CITY STANDARDS. MAINTAIN 12" SEPARATION BETWEEN POWER & DATA.
- PROVIDE CHRISTY #B1017 BOX, #B1017-12 EXTENSION AND #B1017-51.H LID MARKED 'SIGN'. STUB AND CAP 1" CONDUIT TOWARDS SIGN FOR CONNECTION OF SIGN. VERIFY EXACT LOCATION IN FIELD AND COORDINATE WITH ARCHITECTURAL AND SIGN SUPPLIER. 1"C-2#10, 1#10 GRD, 2#14 0-10V DIMMING.
- SEE ENLARGED BUS CANOPY ELECTRICAL PLAN THIS SHEET FOR WORK IN THIS AREA.
- CONNECT IRRIGATION CONTROLLER AND PROVIDE DEDICATED 20A/120V RECEPTACLE FOR MAINTENANCE ON SEPARATE CIRCUIT. 1"C-4#6, 1#6 GRD. VERIFY EXACT LOCATION PRIOR TO INSTALLATION.
- PROVIDE CONDUIT AND CONDUCTORS PER GENERATOR COMM. WIRING RISER, DETAIL 1/E021 FOR INTERCONNECTION OF GENERATOR, AUTOMATIC TRANSFER SWITCHES AND REMOTE ANNUNCIATORS.
- STUB SITE LIGHTING CONDUIT 15' NORTH OF EDGE OF TRANSPORTATION CENTER PHASE ASPHALT AND CAP. EXTEND CONDUIT TO REMAINING SITE LIGHTING POLES AS AREA BECOMES AVAILABLE DURING LIBRARY BUILDING CONSTRUCTION. PROVIDE #10 WHITE TRACER WIRE ON OUTSIDE OF CONDUIT. LEAVE MINIMUM 36" COILED INSIDE PULL BOX.
- PROVIDE AND INSTALL PULL BOX FOR FUTURE EVSE. CHRISTY #B1324 BOX, B1324-12 EXTENSION AND B1324-51.H LID MARKED 'POWER'.
- PROVIDE AND INSTALL 2-2-1/2"C. (SPARE) TO PANEL 'TEV' FOR FUTURE EVSE WIRING. PROVIDE PULL TAPE FOR FUTURE.
- PROVIDE ITS HUB CABINET PER CITY STANDARD 82-15.
- PROVIDE 1"C-2(CAT6) TO ITS HUB CABINET. CAT6 CABLE TO BE GENERAL CABLE #7136100 OR APPROVED EQUAL UNLESS OTHERWISE SPECIFIC BY THE CITY ENGINEER. ROUTE CONDUITS IN DIRECT LINE TO ITS HUB.
- PROVIDE 1"C-2(CAT6) TO TRANSPORTATION BUILDING DATA ROOM. CAT6 CABLE TO BE GENERAL CABLE #7136100 OR APPROVED EQUAL UNLESS OTHERWISE SPECIFIC BY THE CITY ENGINEER.



**PAUL HALAJIAN ARCHITECTS**  
389 Clovis Ave, Suite 200  
Clovis, CA 93612-1185  
T: 559.297.9800 F: 559.297.9750  
www.halajianarch.com



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PROJECT: **Clovis Landmark Square Senior Activity Center and Transit Center**  
735 Third Street, Clovis, CA 93612  
SHEET: ELECTRICAL SITE PLAN

DRAWING SET INFORMATION:

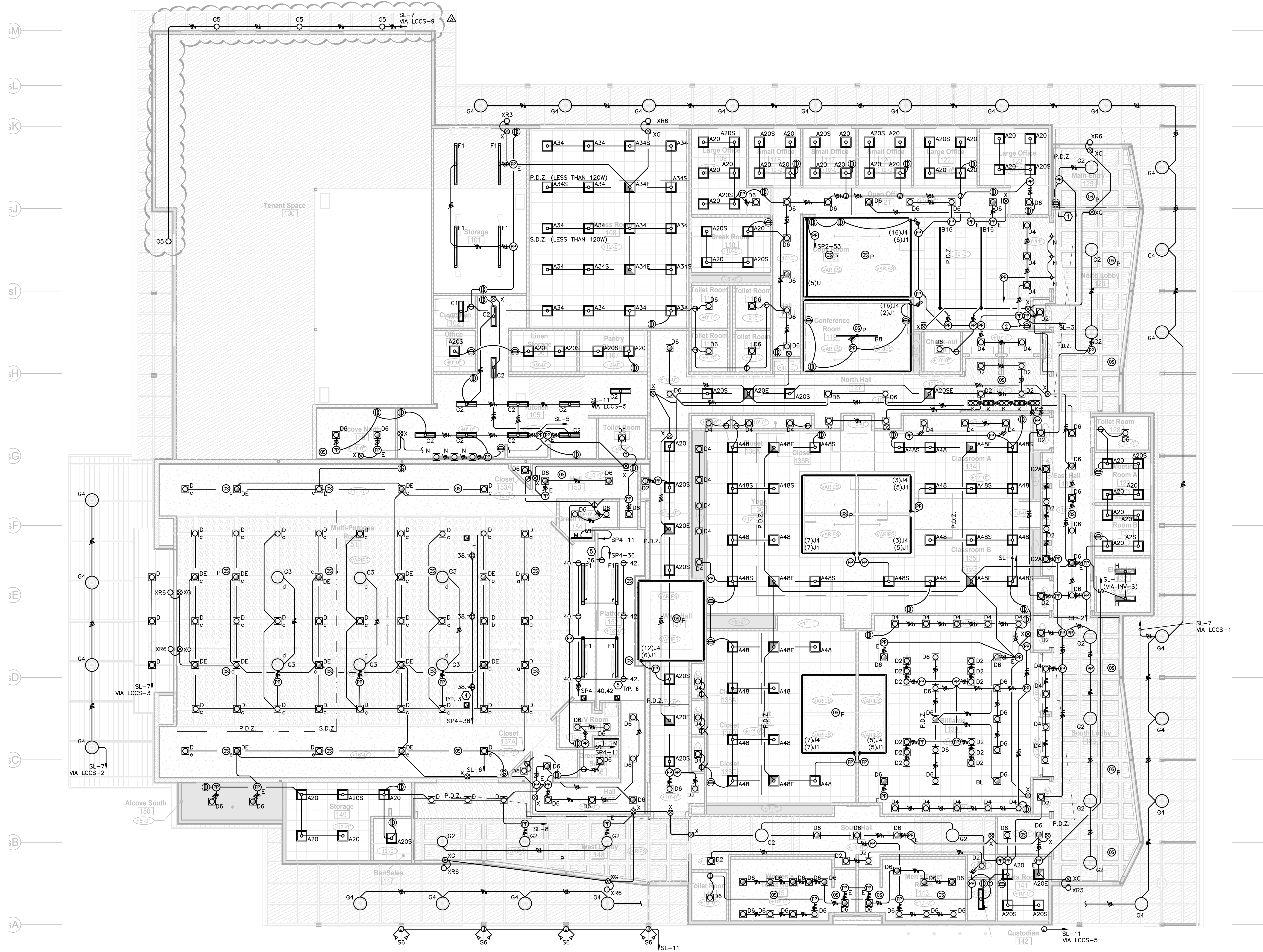
8/12/2020	BACKCHECK APPROVAL
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REVISIONS:

2	10/08/2020	ADDENDUM 01
3	10/23/2020	ADDENDUM 02

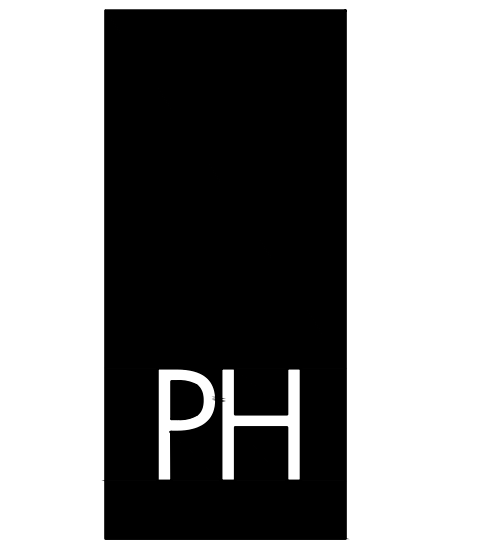
PROJECT NUMBER: 2016-39  
SHEET NUMBER: AD2-E101

Hardin-Davidson Engineering  
556 Potlatch Ave., Suite 200  
Clovis, CA 93612  
559.323.4995 tel • 559.323.4928 fax

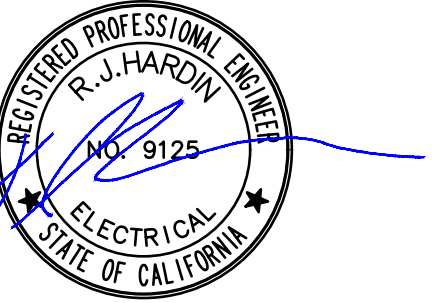


**KEYNOTES**

1. PROVIDE LIGHT SCENE CONTROLLER TO OPERATE ALL HALLWAYS. CONTROLLER SHALL BE MASKED DURING BUSINESS HOURS.
2. PROVIDE LIGHT SCENE CONTROLLER TO OPERATE ALL HALLWAYS AND OPEN OFFICE LIGHTING
3. PROVIDE UNSWITCHED AC POWER TO ALL EMERGENCY FIXTURES, EMERGENCY EXIT LIGHT, AND EMERGENCY LIGHT CONTROL DEVICES.
4. PROVIDE (2)20A, 120V, 5-20R ISOLATED GROUND CEILING MOUNTED RECEPTACLES FOR THEATRICAL LIGHTING (BY OTHERS). COORDINATE EXACT REQUIREMENTS IN FIELD WITH THEATRICAL LIGHTING SUPPLIER. PROVIDE PIPE BATTENS PER DETAILS ON E012.
5. PROVIDE 20A, 120V, 5-20R ISOLATED GROUND CEILING MOUNTED RECEPTACLE FOR THEATRICAL SYSTEM (BY OTHERS). COORDINATE EXACT REQUIREMENTS IN FIELD WITH THEATRICAL SUPPLIER. COORDINATE WITH CEILING MOUNTED UNISTRUT GRID.



**PAUL HALAJIAN ARCHITECTS**  
 389 Clovis Ave, Suite 200  
 Clovis, CA 93612-1185  
 T: 559.297.7900 F: 559.297.7950  
 www.halajianarch.com



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**PROJECT:**  
**Clovis Landmark Square Senior Activity Center and Transit Center**  
 735 Third Street, Clovis, CA 93612

**SHEET:** SENIOR CENTER LIGHTING PLAN

**DRAWING SET INFORMATION:**

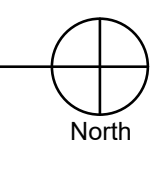
8/12/2020	BACKCHECK APPROVAL
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**REVISIONS:**

2	10/08/2020	ADDENDUM 01
3	10/23/2020	ADDENDUM 02

**PROJECT NUMBER:** 2016-39  
**SHEET NUMBER:** AD2-E201

**HD**  
 Hardin-Davidson Engineering  
 356 Potlisky Ave., Suite 200  
 Clovis, CA 93612  
 559.323.4995 tel • 559.323.4928 fax



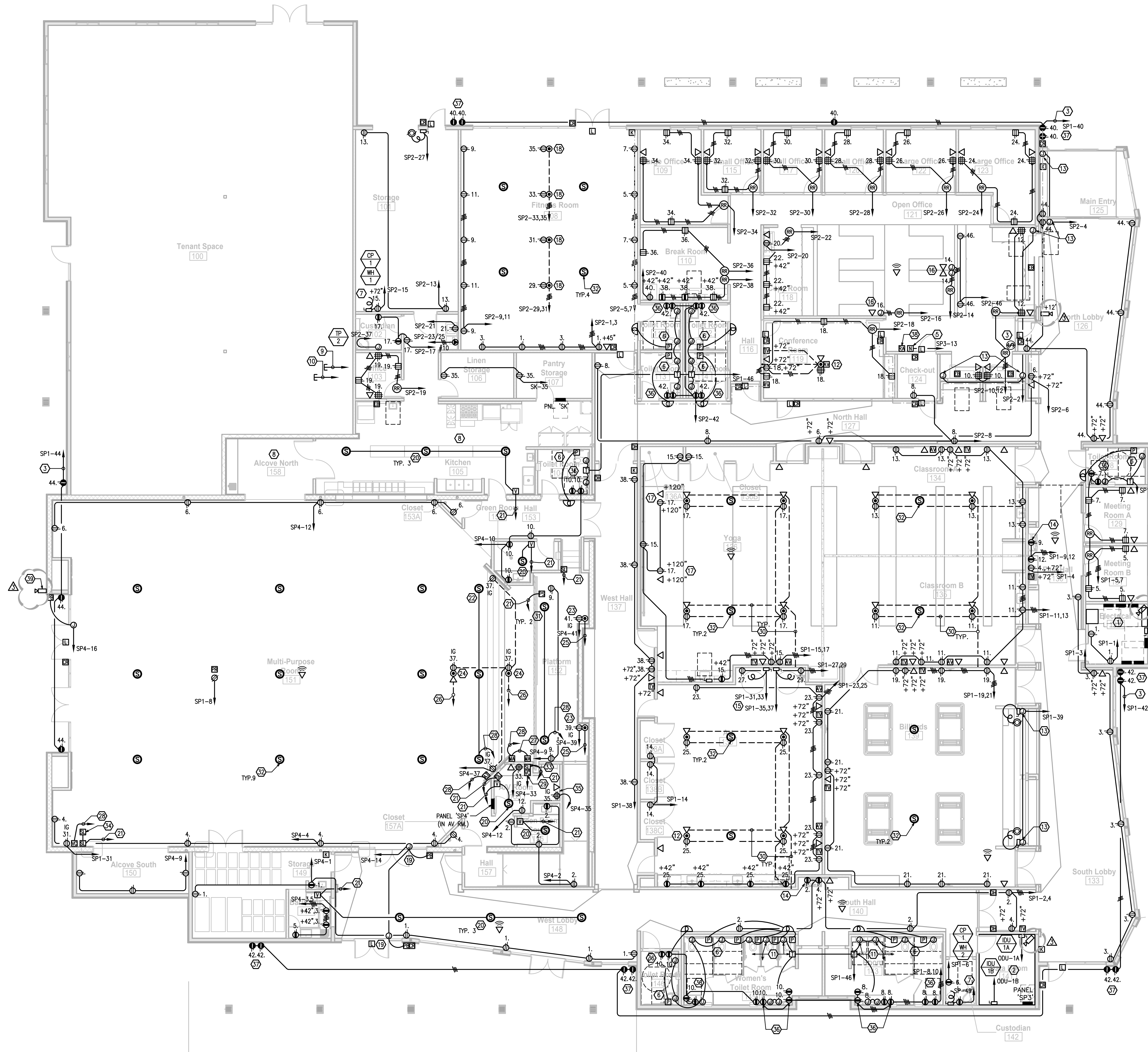
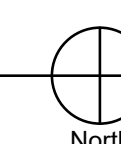
**KEYNOTES**

- SEE SENIOR CENTER ENLARGED ELECTRICAL ROOM POWER PLAN ON SHEET E203 FOR DETAIL. MOUNT ALL RECEPTACLES IN THIS ROOM AT +42".
- SEE SENIOR CENTER ENLARGED DATA ROOM POWER PLAN ON SHEET E203 FOR DETAIL.
- 3/4" C. 3#10, 1#10 GRD. ROUTE HIGH AND LOW RECEPTACLE CIRCUITS THROUGH RECEPTION/OFFICE AREA AND ELECTRICAL ROOM FOR MANUAL OVERRIDE. EACH SWITCH SHALL OPERATE ALL THREE RECEPTACLE CIRCUITS TOGETHER. COORDINATE EXACT LOCATION WITH CITY REPRESENTATIVE PRIOR TO INSTALLATION. LOW LEVEL RECEPTACLES SHALL BE ENERGIZED DURING BUSINESS HOURS. HIGH MOUNT RECEPTACLES SHALL BE ENERGIZED AT NIGHT OR DURING SPECIAL EVENTS FOR LIGHTING.
- PROVIDE CONNECTION TO AUTOMATIC DOORS. COORDINATE EXACT REQUIREMENTS WITH DOOR SUPPLIER.
- PROVIDE ASSISTANCE CALL SYSTEM. MOUNT MASTER STATION AT +42" A.F.F. CONNECT AS REQUIRED TO CENTRAL EQUIPMENT. PROVIDE DOME LIGHT ABOVE MASTER STATION AT +84". DOME LIGHT SHALL USE THE RED COLOR LIGHT. SYSTEM SHALL BE TEKSTONE TEK-CARE 120 OR APPROVED EQUAL. PROVIDE ALL WIRING, DEVICES, ACCESSORIES, ETC. AS REQUIRED FOR AN OPERABLE SYSTEM. VERIFY CATEGORY 6 CABLE COLOR WITH CITY REPRESENTATIVE PRIOR TO INSTALLATION. INSTALL CENTRAL EQUIPMENT RACK MOUNTED IN DATA ROOM #141. VERIFY RACK LOCATION WITH CITY REPRESENTATIVE PRIOR TO INSTALLATION. INCLUDE SOFTWARE FOR OPERATION AND MAINTENANCE AND PROVIDE TRAINING TO CITY STAFF ON SYSTEM USAGE.
- ASSISTANCE CALL PULL SWITCH AND DOME LIGHT/ROOM CONTROLLER. DOME LIGHT SHALL USE THE RED COLOR LIGHT. MOUNT DOME LIGHT/ROOM CONTROLLER IN HALLWAY AT +84" A.F.F. AT MULTI-STALL RESTROOMS PROVIDE SINGLE DOME LIGHT AT EXTERIOR OF RESTROOM FOR ALL STALLS IN THAT RESTROOM. SEE KEYNOTE 5.
- DEDICATED RECEPTACLE FOR HOT WATER CIRCULATING PUMP FOR WATER HEATER. PROVIDE WATER HEATER POWER AS REQUIRED.
- SEE SENIOR CENTER ENLARGED KITCHEN POWER PLAN ON SHEET E203 FOR DETAIL OF THE KITCHEN AREA.
- PROVIDE (2) 4" C STUB FOR FUTURE TENANT SPACE. CONNECT TO TENANT SPACE ENCLOSED CIRCUIT BREAKER IN ELECTRICAL ROOM. SEE SENIOR CENTER ENLARGED ELECTRICAL ROOM POWER PLAN ON SHEET E203.
- PROVIDE (2) 4" C STUB FOR FUTURE TENANT SPACE COMMUNICATIONS. STUB INTO DATA ROOM NEAR BUILDING TELECOMMUNICATIONS CONDUIT LOCATION.
- AUTOMATIC FLUSH VALVE AND FAUCET SYSTEM. SEE PLUMBING PLANS AND COORDINATE WITH PLUMBING CONTRACTOR. CONNECT ALL TRANSFORMERS AND VALVES AS REQUIRED. VERIFY EXACT LOCATION AND QUANTITY OF VALVES AND TRANSFORMERS.
- PROVIDE AND INSTALL FLUSH FLOOR BOX LEGRAND #FBBS-06 FLOOR BOX. PROVIDE ALL REQUIRED ACCESSORIES FOR COMPLETE INSTALLATION.
- CONNECT TO MOTORIZED WINDOW/DOOR. COORDINATE REQUIREMENTS WITH SUPPLIER.
- ELECTRIC DRINKING FOUNTAIN/BOTTLE FILLER. SEE PLUMBING AND MANUFACTURER'S REQUIREMENTS.
- CONNECT OWNER SUPPLIED KILNS WITH EXHAUST BLOWERS FROM EXISTING SENIOR CENTER. VERIFY EXACT REQUIREMENTS PRIOR TO INSTALLATION.
- CONNECT MODULAR FURNITURE PARTITIONS AS REQUIRED. PROVIDE CONSTANT AND OCCUPANCY BASED POWER AND DATA.
- PROVIDE AND INSTALL POWER AND DATA OUTLETS ON FACE OF SOFFIT (NOT SHOWN) ABOVE.
- PROVIDE FLOOR BOX OUT. LEGRAND #8898 WITH 895 DUPLEX COVER PLATE WITH FLIP LID.
- CONNECT POWER ACCESSIBLE DOOR OPERATOR AND CONTROL PUSH BUTTON AS REQUIRED. COORDINATE WITH SUPPLIER.
- AV SYSTEM CEILING MOUNTED SPEAKER. PROVIDE 3/4" C BETWEEN SPEAKERS AND VOLUME CONTROL STATION.
- 3/4" C TO 'BOX101' FOR AV CABLING.
- AV SYSTEM MAIN LOUD SPEAKERS. PROVIDE 3/4" C BETWEEN SPEAKERS.
- AV FLOOR POCKET. ACE BACKSTAGE "DOUBLE-WIDE POCKET". POCKET PROVIDED BY AV INTEGRATOR AND INSTALLED BY ELECTRICAL CONTRACTOR. PROVIDE (1) ISOLATED GROUND DUPLEX RECEPTACLE.
- AV FLOOR POCKET. ACE BACKSTAGE "FULL POCKET". POCKET PROVIDED BY AV INTEGRATOR AND INSTALLED BY ELECTRICAL CONTRACTOR. PROVIDE (1) ISOLATED GROUND DUPLEX RECEPTACLE.
- (3) 1" C TO 'BOX101' FOR AV CABLING.
- (2) 1" C TO 'BOX101' FOR AV CABLING.
- 1" C FOR AV CABLING.
- 1" C TO 'BOX101' FOR AV CABLING.
- PROVIDE 3 GANG BACKBOX FOR AUDIO/VIDEO CONTROL STATION WITH 1" C TO 'BOX101' FOR AV CABLING. MOUNT AT +42".
- PROVIDE 1-1/4" C BETWEEN FLOOR BOXES FOR FUTURE LOW VOLTAGE CABLING. PROVIDE 1-1/4" C TO DATA ROOM.
- CEILING MOUNTED MONITOR SPEAKER. PROVIDE 3/4" C BETWEEN SPEAKERS.
- BUILDING CEILING MOUNTED PA SPEAKER. GRILL FINISH TO BE SPECIFIED BY ARCHITECT. PROVIDE ZONED PA SYSTEM FOR ROOMS SHOWN. PA SYSTEM SHALL BE ABLE TO ACCEPT INPUTS FOR EACH INDIVIDUAL ROOM TO PLAY IN ONLY THAT ROOM. SYSTEM SHALL ALSO ACCEPT AN INPUT FROM A CENTRAL POINT (LOCATION AS DIRECTED BY CITY) TO ALL CEILING TO PA SPEAKERS. PROVIDE (1) WIRELESS MICROPHONE INPUT PER ROOM. CLASSROOMS A & B SHALL BE COMBINABLE INTO A SINGLE PA ZONE. PROVIDE ALS FOR EACH ROOM. INTEGRATE EACH ROOMS AV INPUTS INTO SYSTEM.
- STAGE LIGHT INPUT CONTROL STATION AT AV CONSOLE LOCATION. MOUNT AT STANDARD RECEPTACLE HEIGHT.
- STAGE LIGHT CONTROL STATION. MOUNT AT STANDARD SWITCH HEIGHT AND CONNECT TO STAGE LIGHT INPUT CONTROL STATION BELOW WITH 3/4" C.
- AV RACK AND 'BOX101' LOCATION. SEE AV DRAWINGS FOR MORE INFORMATION. PROVIDE POWER AND DATA JACKS AT STANDARD RECEPTACLE HEIGHT IN BACK OF RACK.
- PROVIDE (1) DUPLEX ABOVE COUNTER (+42") FOR GENERAL USE AND ONE UNDER COUNTER (+24") FOR SOAP DISPENSER. COORDINATE EXACT LOCATION AND HEIGHT WITH COUNTERTOPS.
- PROVIDE (1) RECEPTACLE AT +18" AND (1) RECEPTACLE 6" BELOW TOP OF WALL FOR SEASONAL/EVENT LIGHTING.
- GENERATOR REMOTE ANNUNCIATOR. PROVIDE 1" C TO DATA ROOM. SEE RISER DIAGRAM 1/E021.
- PROVIDE WP CAMERA OUTLET BELOW LOWER OVERHANG.

**NOTE TO CONTRACTOR**

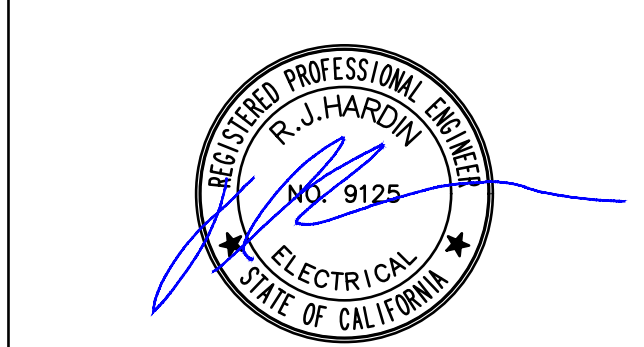
FOR THE MULTI-PURPOSE ROOM, AV ROOM, GREEN ROOMS, STAGE AND KITCHEN: COORDINATE ALL AV EQUIPMENT, CONDUIT, BOX, ETC. FOR THE AV SYSTEM IN THE MULTI-PURPOSE ROOM. PROVIDE ALL OUTLET BOXES, CONDUITS AND PATHWAYS FOR THE AV SYSTEM. ALL AV ACTIVATIONS, WIRING DEVICES, AND WIRING SHALL BE PROVIDED AND INSTALLED BY THE AV INTEGRATOR. WHERE THERE IS A CONFLICT BETWEEN THIS DRAWING AND THE AV DRAWINGS, THE AV DRAWINGS SHALL TAKE PRECEDENT. THE ELECTRICAL CONTRACTOR SHALL REVIEW THE AV DRAWINGS BEFORE BIDDING AND PROVIDE ANY REQUIRED MATERIALS THAT ARE NOT SHOWN ON THIS PAGE. THE AV SYSTEM FLOOR BOXES, ACE BACKSTAGE "FULL POCKET" AND "DOUBLE WIDE POCKET", WILL BE PROVIDED BY THE AV INTEGRATOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR TO PROVIDE THE I.G. RECEPTACLES FOR THE FLOOR POCKETS.

FOR ALL OTHER ROOMS THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE AV SYSTEM.



**PH**

**PAUL HALAJIAN ARCHITECTS**  
 389 Clovis Ave, Suite 200  
 Clovis, CA 93612-1185  
 T: 559.297.7900 F: 559.297.7950  
 www.halajianarch.com



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**PROJECT:**  
**Clovis Landmark Square**  
**Senior Activity Center and Transit Center**  
 735 Third Street, Clovis, CA 93612

**SHEET:** SENIOR CENTER POWER & DATA PLAN

**DRAWING SET INFORMATION:**

8/12/2020	BACKCHECK APPROVAL
-----------	--------------------

**REVISIONS:**

2	10/08/2020	ADDENDUM 01
3	10/23/2020	ADDENDUM 02

**PROJECT NUMBER:** 2016-39  
**SHEET NUMBER:** AD2-E202

**HD**  
 Hardin-Davidson Engineering  
 556 Polinsky Ave., Suite 200  
 Clovis, CA 93612  
 559.323.4995 tel • 559.323.4928 fax

**1 SENIOR CENTER POWER & DATA PLAN**  
 1/8" = 1'-0"

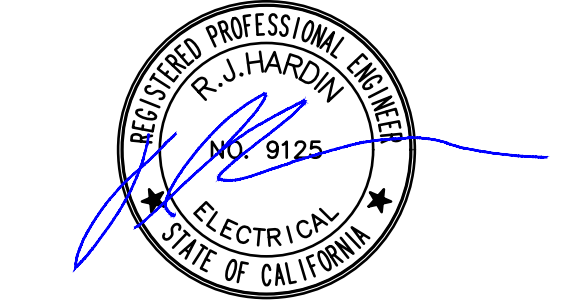
SM  
SL  
SK  
SJ  
SI  
SH  
SG  
SF  
SE  
SD  
SC  
SB  
SA



**KEYNOTES**

1. AUTOMATIC FLUSH VALVE AND FAUCET SYSTEM. SEE PLUMBING PLANS AND COORDINATE WITH PLUMBING CONTRACTOR. CONNECT ALL TRANSFORMERS AND VALVES AS REQUIRED.
2. CONNECT POWER ACCESSIBLE DOOR OPERATOR AND CONTROL PUSH BUTTON AS REQUIRED. COORDINATE WITH SUPPLIER.
3. SEE ENLARGED PLAN ON SHEET E302 FOR THIS ROOM.
4. PROVIDE FLOOR BOX FOR POWER, DATA AND VIDEO. PROVIDE 1-1/4" TO TV OUTLET ON WALL WITH (1) HDMI CABLE. PROVIDE 1-1/4" TO ACCESSIBLE CEILING SPACE WITH (6) CAT 6 CABLES. LEGRAND #E985-06. PROVIDE ALL NECESSARY ACCESSORIES FOR COMPLETE INSTALL TO INCLUDE ALL FACE PLATES AND BLANKS. ARCHITECT TO SPECIFY ALL TRIM COLORS.
5. PROVIDE FLOOR BOX FOR POWER, AND FUTURE DATA. PROVIDE SPARE 1-1/4" TO ACCESSIBLE CEILING SPACE. LEGRAND #E985-06. PROVIDE ALL NECESSARY ACCESSORIES FOR COMPLETE INSTALL TO INCLUDE ALL FACE PLATES AND BLANKS. ARCHITECT TO SPECIFY ALL TRIM COLORS.
6. PROVIDE FLOOR BOX FOR POWER. LEGRAND #E985-06. PROVIDE ALL NECESSARY ACCESSORIES FOR COMPLETE INSTALL TO INCLUDE ALL FACE PLATES AND BLANKS. ARCHITECT TO SPECIFY ALL TRIM COLORS.
7. 3/4" 2#10 GRD. ROUTE RECEPTACLE THROUGH LCCT CONTROL. PROVIDE DIGITAL SWITCH IN RECEPTION/OFFICE AREA AND ELECTRICAL ROOM FOR MANUAL OVERRIDE. EACH SWITCH SHALL OPERATE RECEPTACLE CIRCUITS. COORDINATE EXACT LOCATION WITH CITY REPRESENTATIVE PRIOR TO INSTALLATION. RECEPTABLES SHALL BE ENERGIZED DURING BUSINESS HOURS.
8. CONNECT POWER ACCESSIBLE DOOR OPERATOR AND CONTROL PUSH BUTTON AS REQUIRED. COORDINATE WITH SUPPLIER.
9. GENERATOR REMOTE ANNUNCIATOR. PROVIDE 1.25" TO DATA ROOM. SEE RISER DIAGRAM 1/E021.

**PH**  
**PAUL HALAJIAN ARCHITECTS**  
 389 Clovis Ave, Suite 200  
 Clovis, CA 93612-1185  
 T: 559.297.7900 F: 559.297.7950  
 www.halajianarch.com



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**PROJECT:**  
**Clovis Landmark Square Senior Activity Center and Transit Center**  
 735 Third Street, Clovis, CA 93612  
**SHEET:** TRANSIT CENTER LIGHTING, POWER & DATA PLAN

**DRAWING SET INFORMATION:**

8/12/2020	BACKCHECK APPROVAL
-----------	--------------------

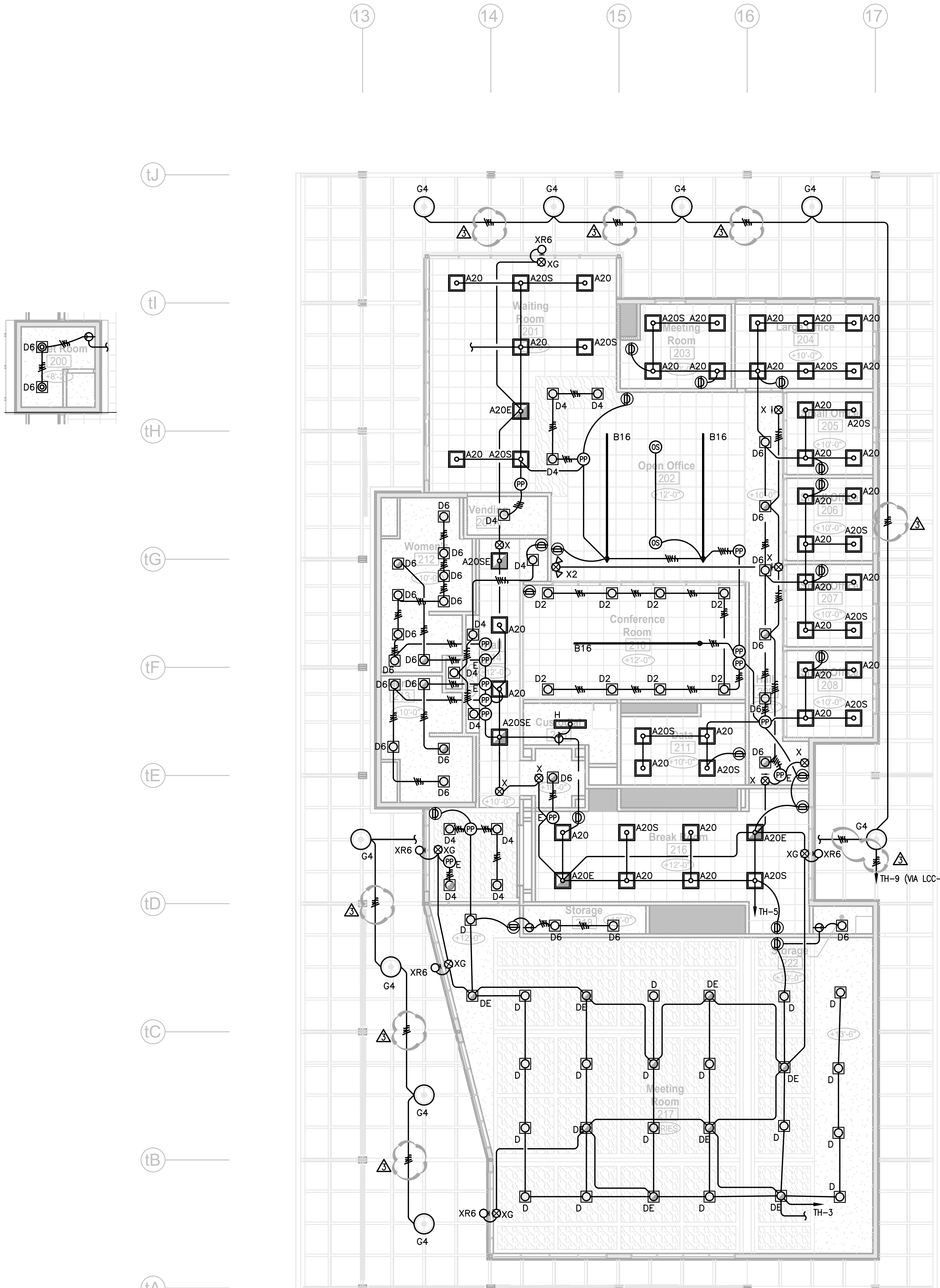
**REVISIONS:**

2	10/08/2020	ADDENDUM 01
3	10/23/2020	ADDENDUM 02

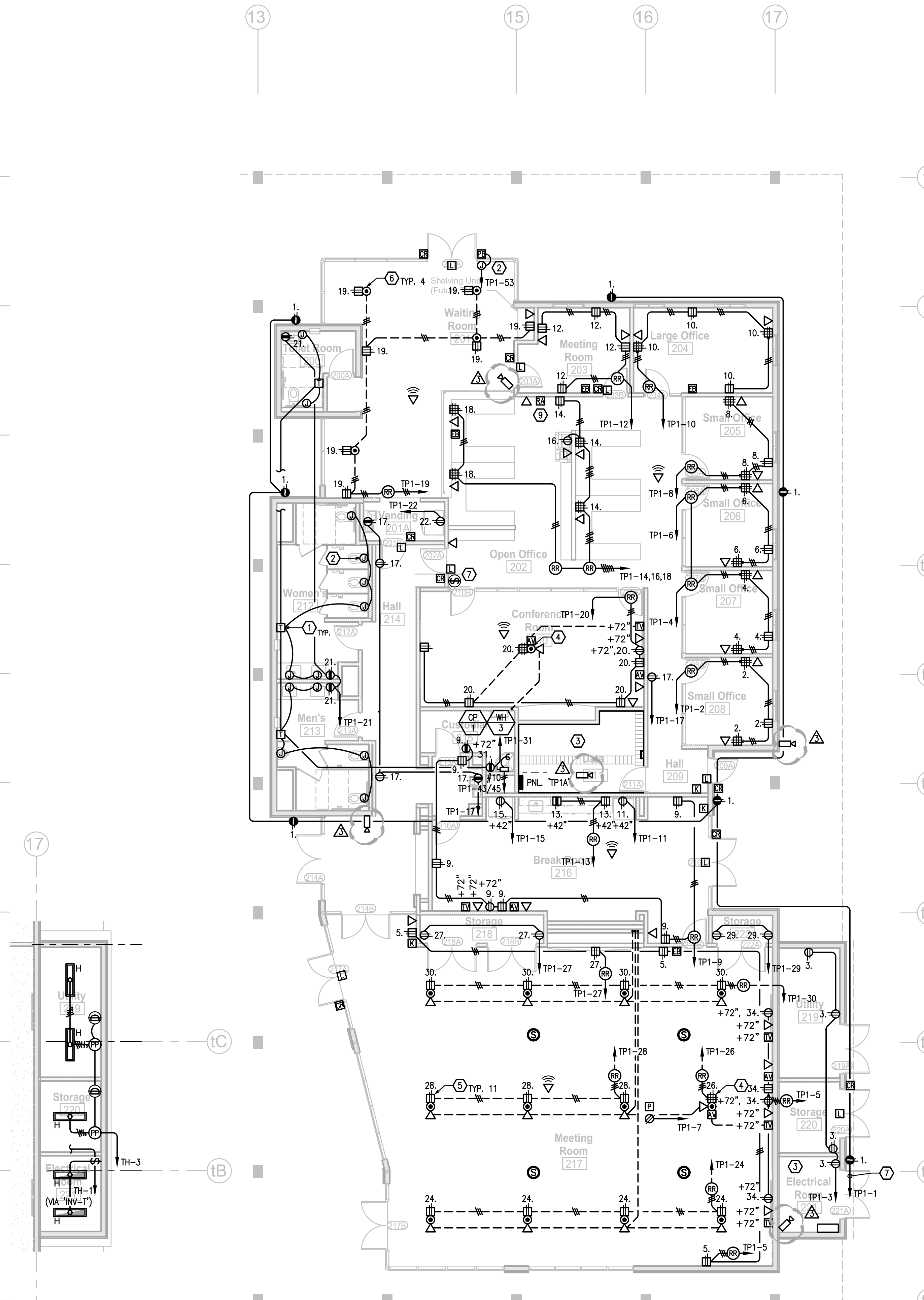
**PROJECT NUMBER:**  
 2016-39

**SHEET NUMBER:**  
 AD2-E301

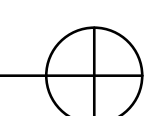
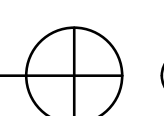
**HD**  
 Hardin-Davidson Engineering  
 356 Potlisky Ave., Suite 200  
 Clovis, CA 93612  
 559.323.4995 tel • 559.323.4928 fax

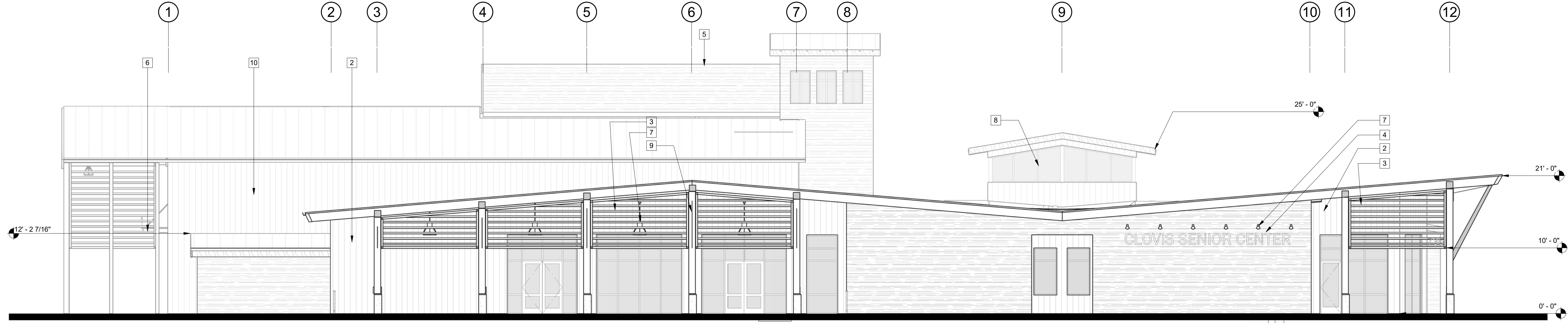


**1 TRANSIT CENTER LIGHTING PLAN**  
 1/8" = 1'-0"

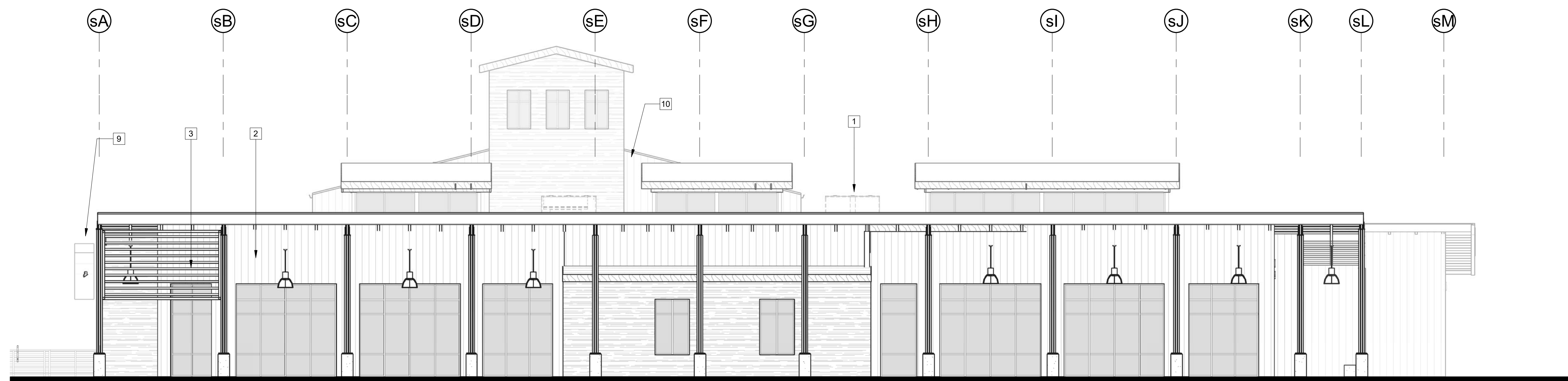


**2 TRANSIT CENTER POWER & DATA PLAN**  
 1/8" = 1'-0"

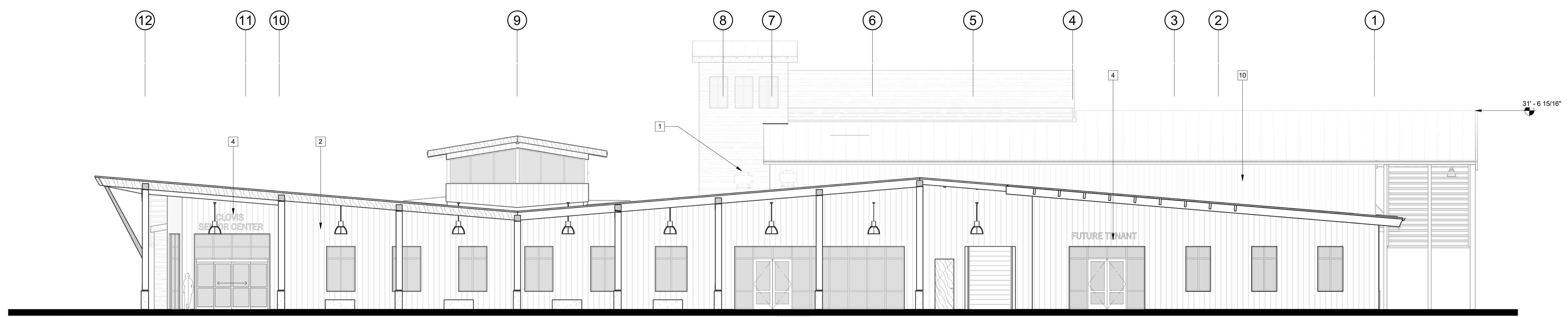




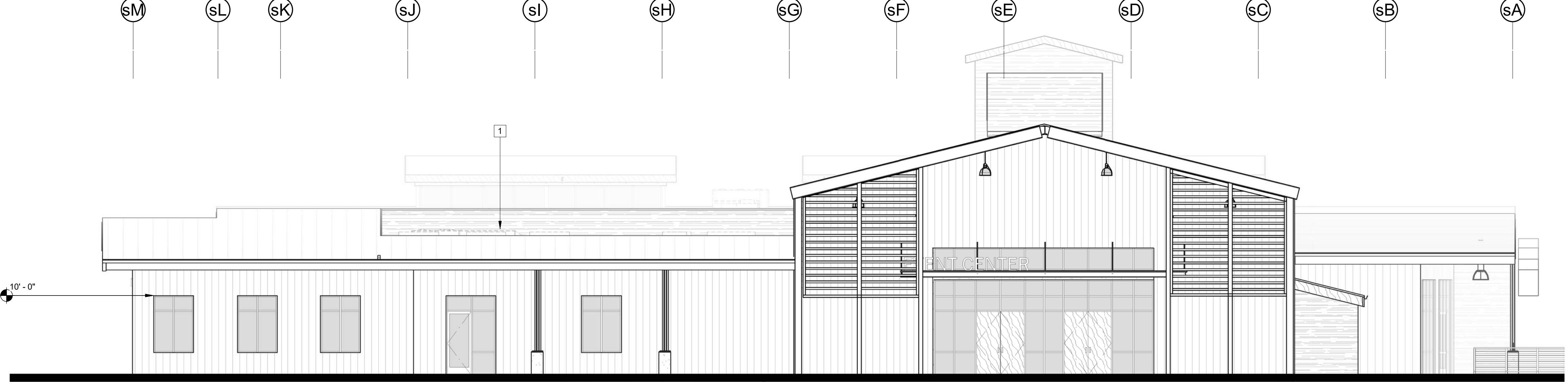
Senior Center South Exterior Elevation  
1/8" = 1'-0"



Senior Center East Exterior Elevation  
1/8" = 1'-0"



Senior Center North Exterior Elevation  
1/8" = 1'-0"



Senior Center West Exterior Elevation  
1/8" = 1'-0"

- KEYNOTES**
- 1 Mechanical Unit, see mechanical
  - 2 Wood Siding, Type 1, typical unless noted otherwise. See Specification section 062013.
  - 3 Metal sunscreen system
  - 4 Building signage
  - 5 Mechanical Screen
  - 6 Door Overhang (Beyond)
  - 7 Light Fixture, See Electrical
  - 8 Aluminum Storefront System. See Window Schedules, sheets A740, A741.
  - 9 Banner Display Supports (typ. of 5) and Lighting. See Electrical and Detail AD1-12.
  - 10 Wood Siding, Type 2, typical at exterior face of CMU wall. See Specification section 062013.

- LEGEND**
- Reclaimed vertical wood siding over rainscreen and air barrier, typ. See Specifications.
  - Reclaimed corrugated metal siding (vertically oriented) over rainscreen and air barrier, typ. Provided by Owner, installed by Contractor. Exterior surface to be treated with clear rust inhibitor.
  - Natural Concrete finish, typ.
  - Metal roof system.

**PH**

**PAUL HALAJIAN ARCHITECTS**  
 389 Clovis Ave, Suite 100  
 Clovis, CA 93612-1185  
 T: 559.297.7900 F: 559.297.7950  
 www.halajianarch.com



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**PROJECT:**  
 Clovis Landmark Square  
 Senior Activity Center and Transit Center  
 735 Third Street, Clovis, CA 93612  
**SHEET:** Senior Center - Exterior Elevations

**DRAWING SET INFORMATION:**

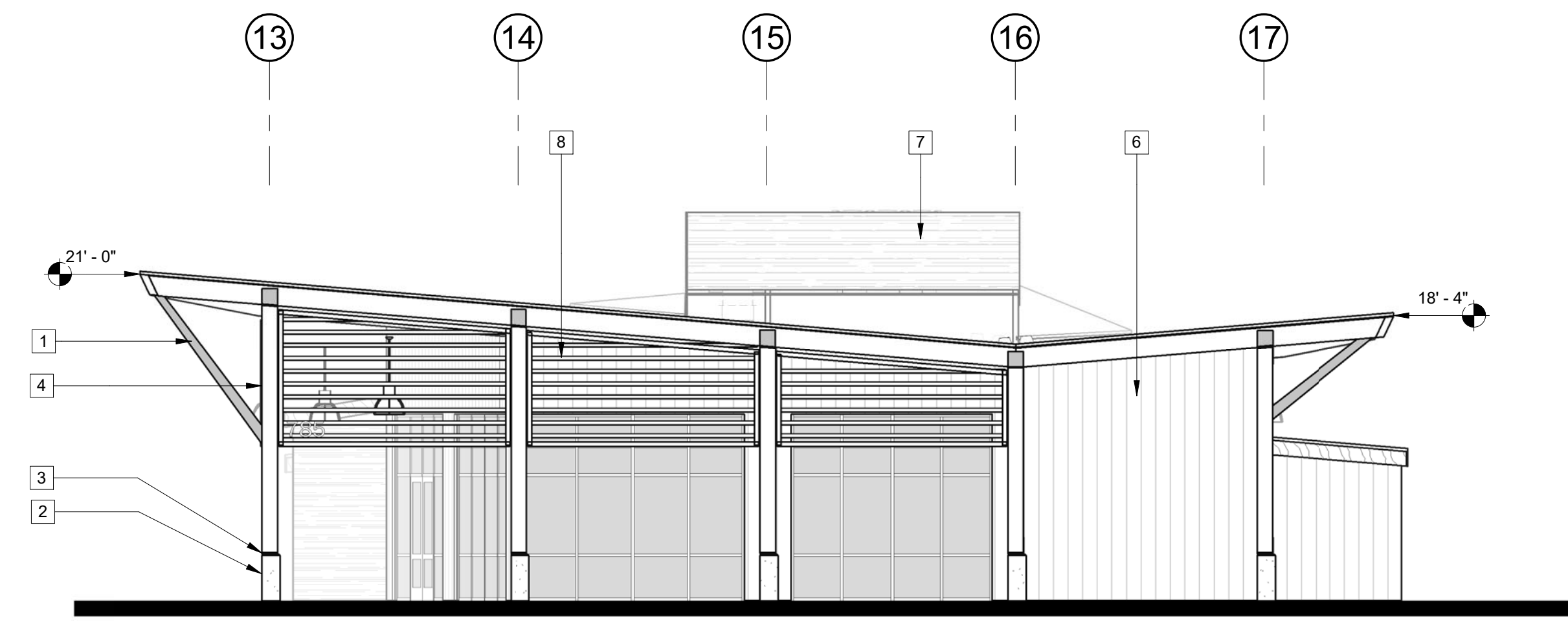
06/19/2020	Plan Check Submittal
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**REVISIONS:**

1	08/12/2020	Plan Check Revisions
2	10/8/2020	Addendum #1

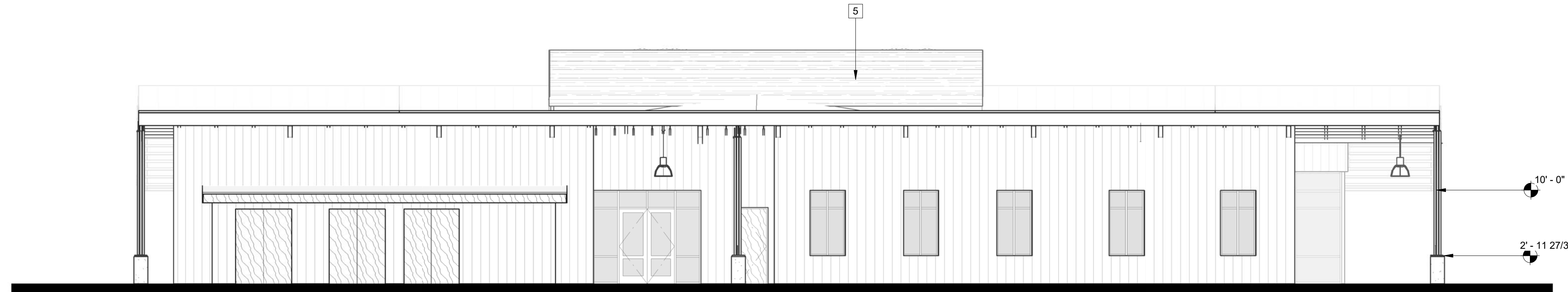
**PROJECT NUMBER:**  
2016-39

**SHEET NUMBER:**  
A300

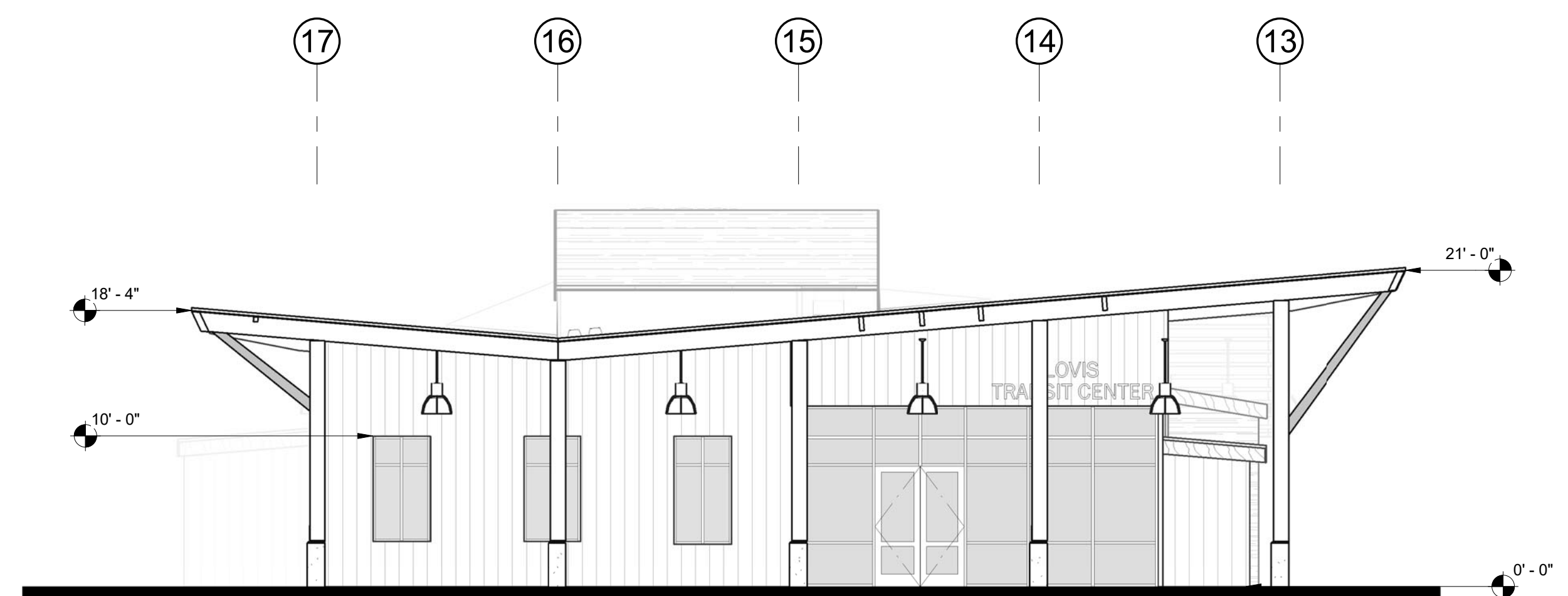


Transit Center South Exterior Elevation  
1/8" = 1'-0"

tA tB tC tD tE tF tG tH tI tJ



Transit Center East Exterior Elevation  
1/8" = 1'-0"



Transit Center North Exterior Elevation  
1/8" = 1'-0"

tJ tI tH tG tF tE tD tC tB tA



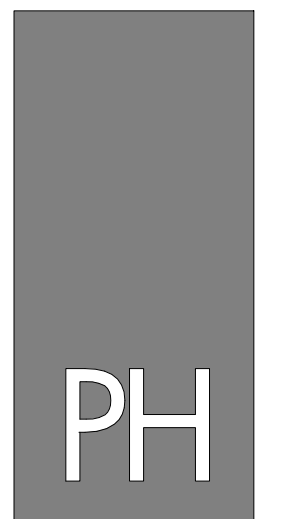
Transit Center West Exterior Elevation  
1/8" = 1'-0"

**KEYNOTES**

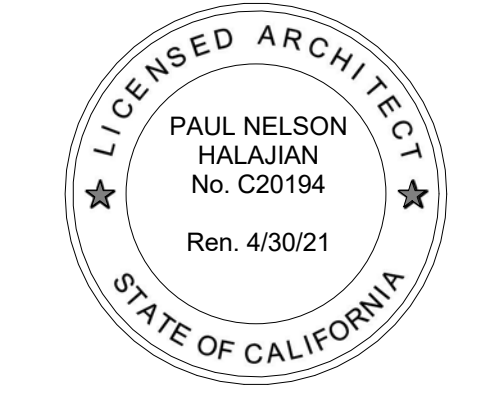
- 1 3/4" thick steel brace (typ. of 2 at each column)
- 2 14"x14" concrete column base
- 3 3/4" steel bracket, top and bottom
- 4 3x12 Glue-Lam column, typ. of (3), stained. See structural.
- 5 Mechanical unit. See mechanical drawings.
- 6 Wood Siding, Type 1, typical unless noted otherwise. See Specification section 052013.
- 7 Mechanical Screen
- 8 Metal sunscreen system

**LEGEND**

- Reclaimed vertical wood siding over rainscreen and air barrier, typ. See Specifications.
- Reclaimed corrugated metal siding (vertically oriented) over rainscreen and air barrier, typ. Provided by Owner, installed by Contractor. Exterior surface to be treated with clear rust inhibitor.
- Natural Concrete finish, typ.
- Metal roof system.



**PAUL HALAJIAN ARCHITECTS**  
389 Clovis Ave., Suite 100  
Clovis, CA 93612-1185  
T: 559.297.7900 F: 559.297.7950  
www.halajianarch.com



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**PROJECT:**  
 Clovis Landmark Square  
 Senior Activity Center and Transit Center  
 735 Third Street, Clovis, CA 93612  
**SHEET:** Transit Center - Exterior Elevations

**DRAWING SET INFORMATION:**

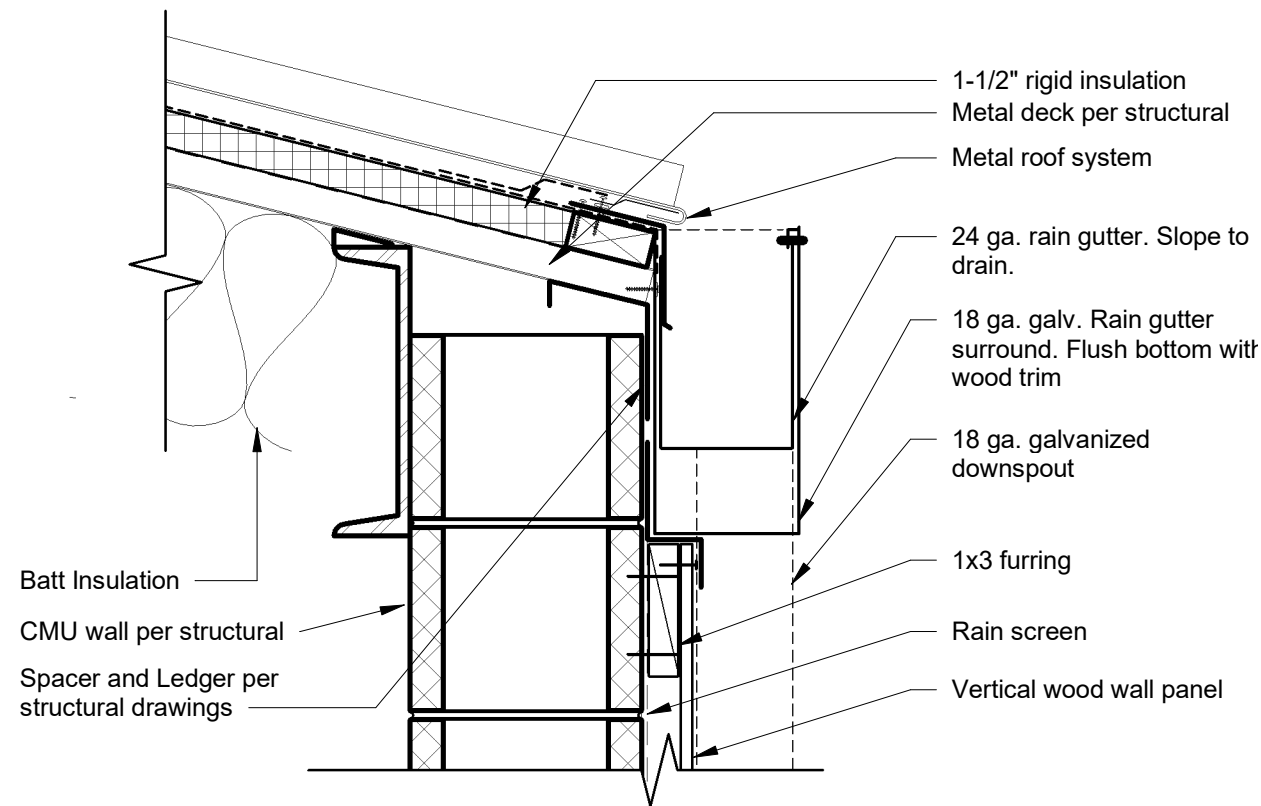
06/19/2020	Plan Check Submittal
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**REVISIONS:**

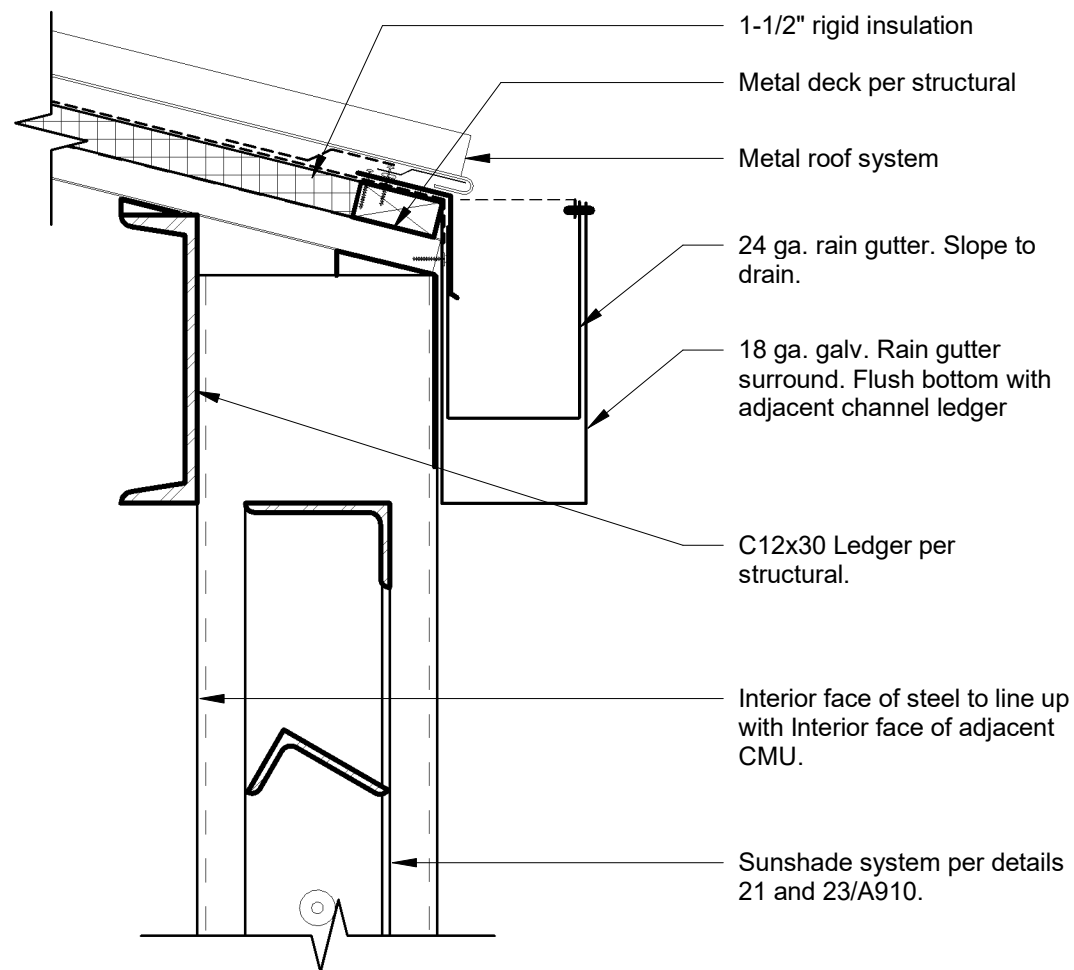
1	08/12/2020	Plan Check Revisions

**PROJECT NUMBER:**  
2016-39

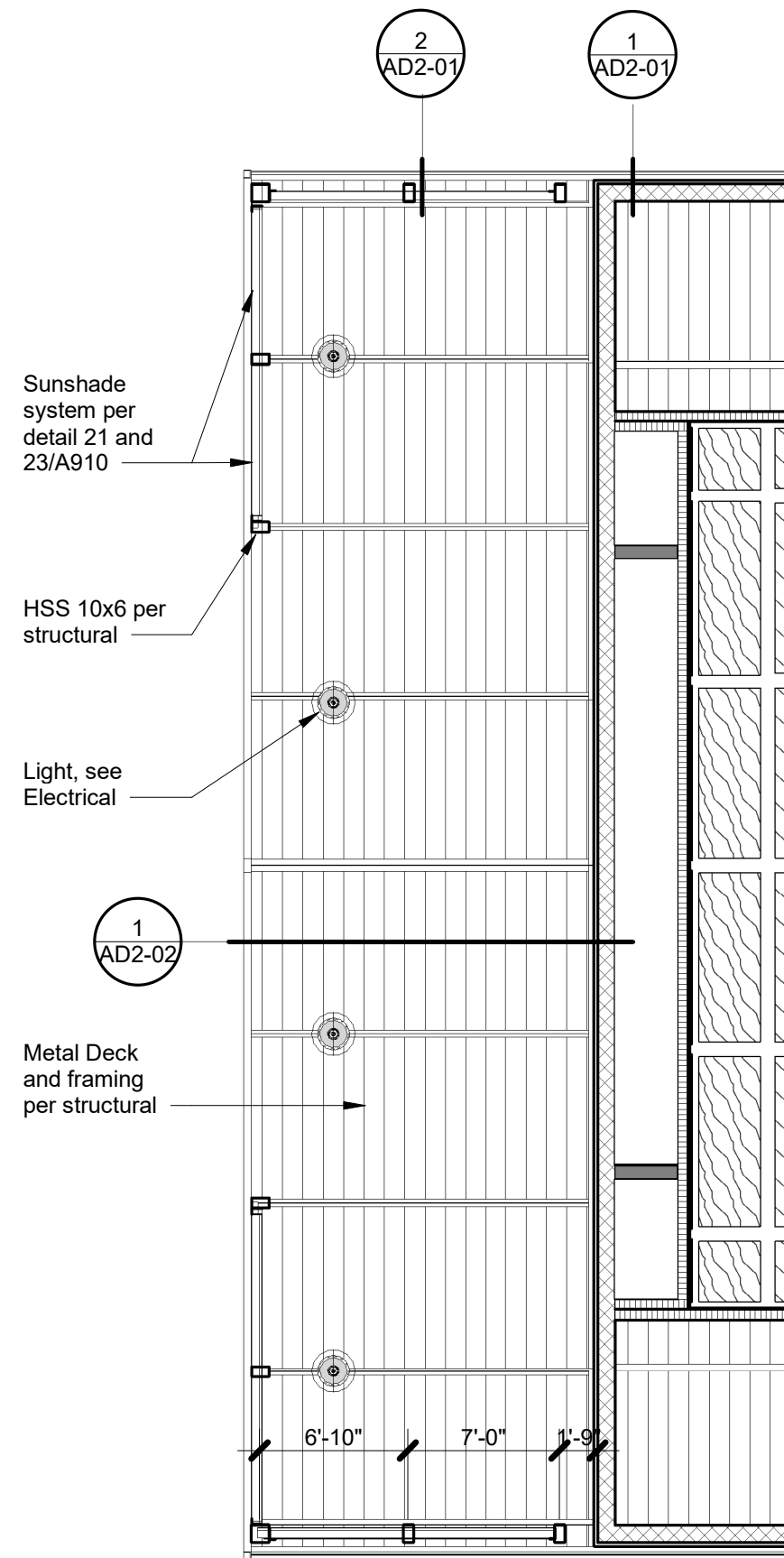
**SHEET NUMBER:**  
A310



1 AD2-Eave at High Roof  
1 1/2" = 1'-0"



2 AD2-Eave at High Roof Open Canopy  
1 1/2" = 1'-0"



4 Senior Center - Partial Reflected Ceiling Plan  
1/8" = 1'-0"



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389 Clovis Ave, Suite 100  
Clovis, CA 93612-1185  
T: 559.297.7900 F: 559.297.7950  
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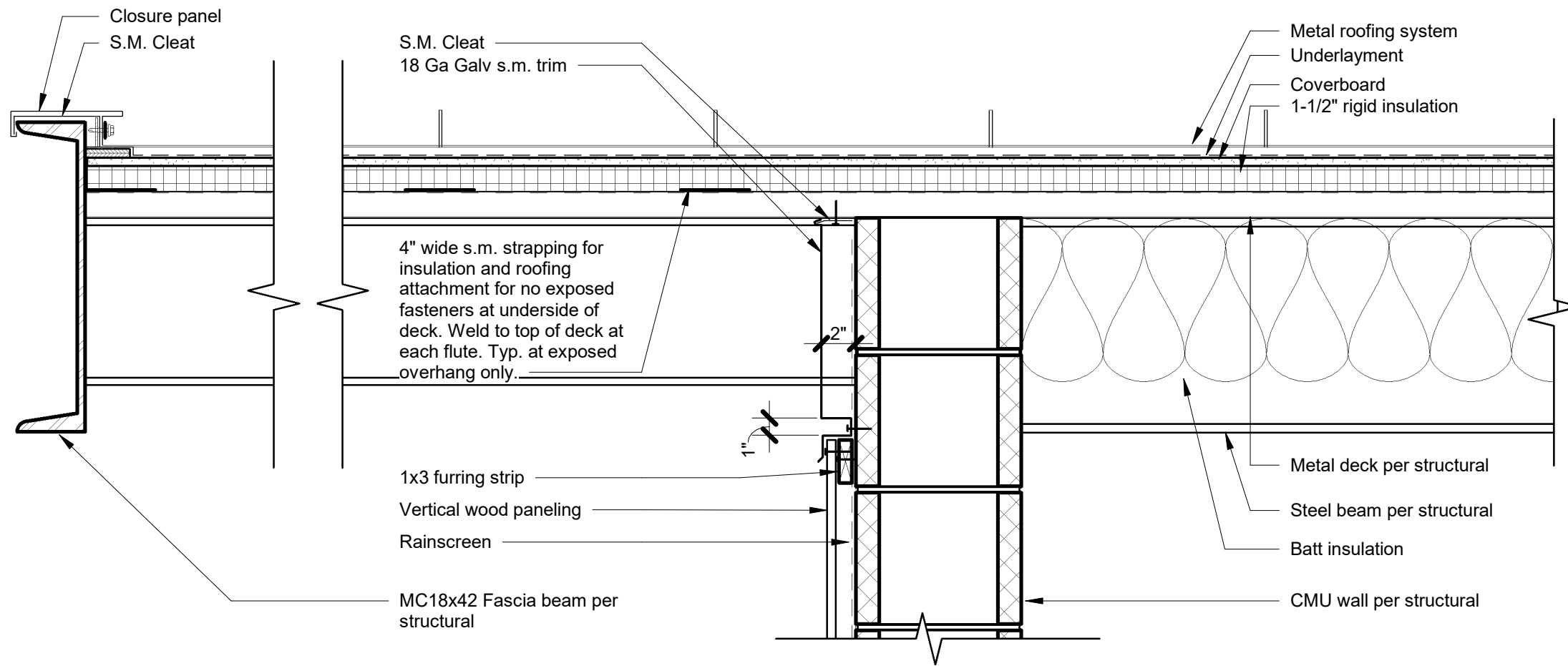
**PROJECT:**  
**Clovis Landmark Square**  
**Senior Activity Center and Transit Center**  
735 Third Street, Clovis, CA 93612  
**SHEET: High Roof at Multi-Purpose**

**DRAWING SET INFORMATION:**

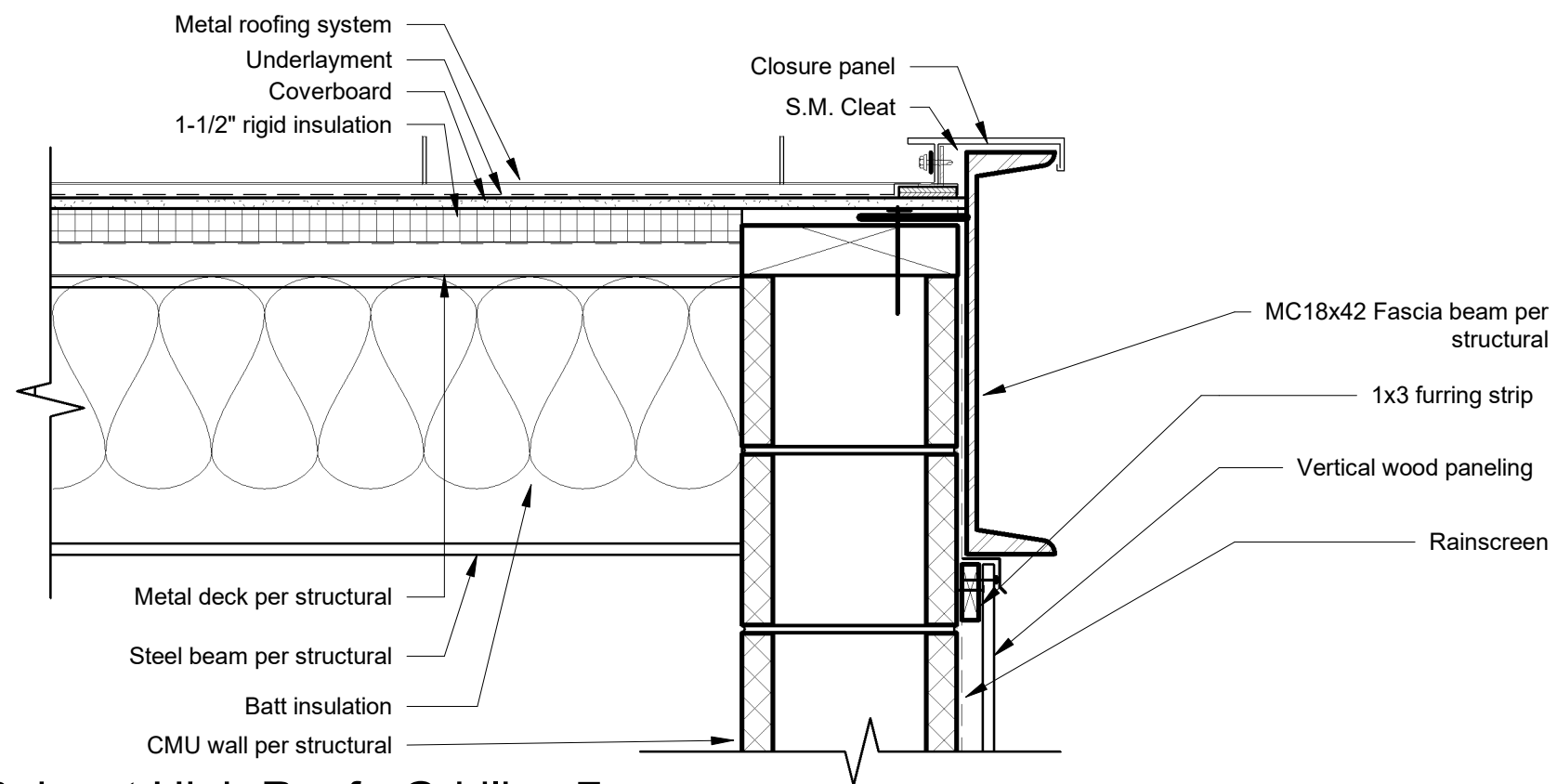
06/19/2020	Plan Check Submittal
<b>REVISIONS:</b>	
1	08/12/2020 Plan Check Revisions
2	10/08/2020 Addendum #1
3	10/28/2020 Addendum #2

**PROJECT NUMBER:**  
2016-39

**SHEET NUMBER:**  
AD2-01



1 AD2-Rake at High Roof Canopy  
1 1/2" = 1'-0"



2 AD2-Rake at High Roof - Gridline 7  
1 1/2" = 1'-0"



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389 Clovis Ave, Suite 100  
Clovis, CA 93612-1185  
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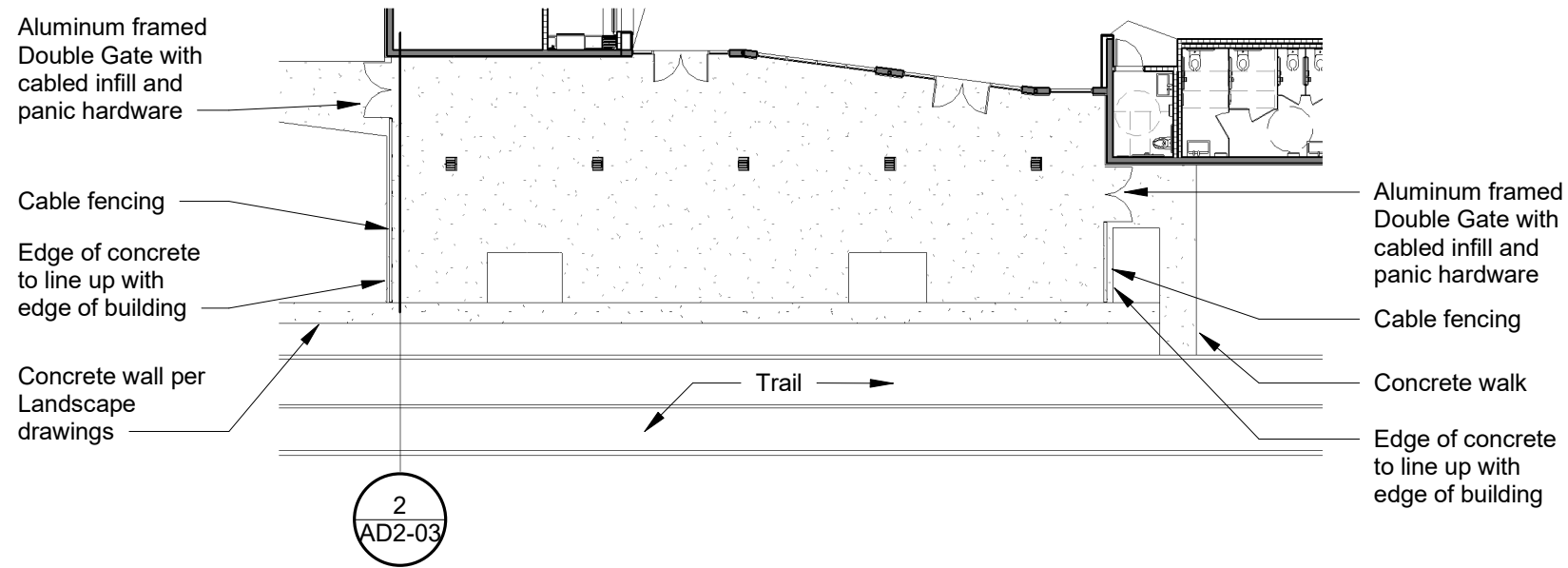
**PROJECT:**  
Clovis Landmark Square  
Senior Activity Center and Transit Center  
735 Third Street, Clovis, CA 93612  
**SHEET:** High Roof at Multi-Purpose

**DRAWING SET INFORMATION:**

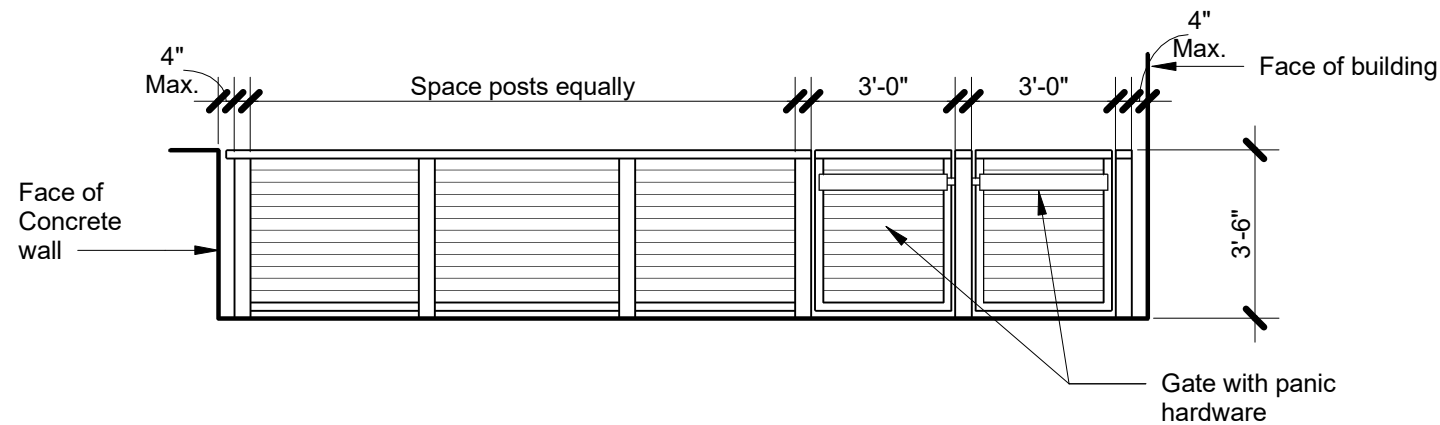
06/19/2020	Plan Check Submittal
<b>REVISIONS:</b>	
1	08/12/2020 Plan Check Revisions
2	10/08/2020 Addendum #1
3	10/28/2020 Addendum #2

**PROJECT NUMBER:**  
2016-39

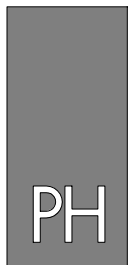
**SHEET NUMBER:**  
AD2-02



1 Partial Site Plan Outdoor Patio  
1" = 20'-0"



2 Fence Elevation  
1/4" = 1'-0"



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389 Clovis Ave, Suite 100  
Clovis, CA 93612-1185  
T: 559.297.7900 F: 559.297.7950  
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**PROJECT:**  
Clovis Landmark Square  
Senior Activity Center and Transit Center  
735 Third Street, Clovis, CA 93612  
**SHEET: Outdoor Space**

**DRAWING SET INFORMATION:**

06/19/2020	Plan Check Submittal
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**REVISIONS:**

1	08/12/2020	Plan Check Revisions
2	10/08/2020	Addendum #1
3	10/28/2020	Addendum #2

**PROJECT NUMBER:**  
2016-39

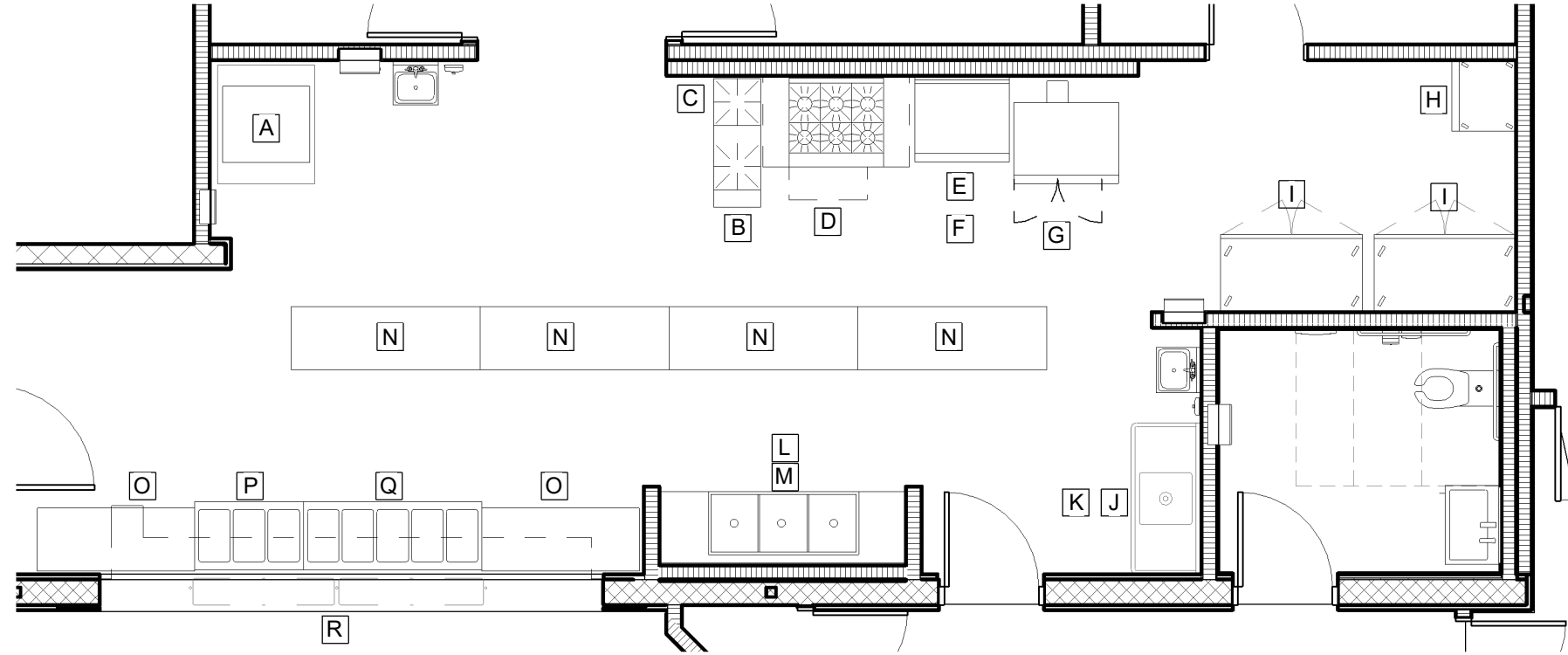
**SHEET NUMBER:**  
AD2-03



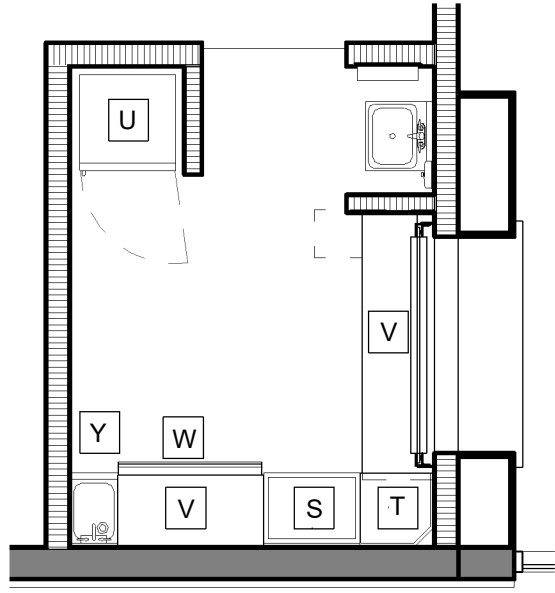
**PAUL HALAJIAN ARCHITECTS**

389 Clovis Ave, Suite 100  
Clovis, CA 93612-1185  
T: 559.297.7900 F: 559.297.7950  
www.halajianarch.com

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② Senior Center Enlarged Floor Plan - Kitchen Equipment  
3/16" = 1'-0"



Refer to Sheet A201 for Equipment Schedule

① Senior Center Enlarged Floor Plan - Bar/Sales Equipment  
1/4" = 1'-0"



**PROJECT:**  
Clovis Landmark Square  
Senior Activity Center and Transit Center  
735 Third Street, Clovis, CA 93612  
**SHEET:** Kitchen Equipment Plan

**DRAWING SET INFORMATION:**

06/19/2020	Plan Check Submittal
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**REVISIONS:**

1	08/12/2020	Plan Check Revisions
2	10/08/2020	Addendum #1
3	10/28/2020	Addendum #2

**PROJECT NUMBER:**  
2016-39

**SHEET NUMBER:**  
AD2-04

# FRESNO METROPOLITAN FLOOD CONTROL DISTRICT CONSTRUCTION OF STORM DRAINAGE FACILITIES IN DRAINAGE AREA "4D" CONTRACT 4D-B LANDMARK SQUARE CLOVIS SPR 2018-002



**Know what's below.  
Call before you dig.**

**NOTES:**

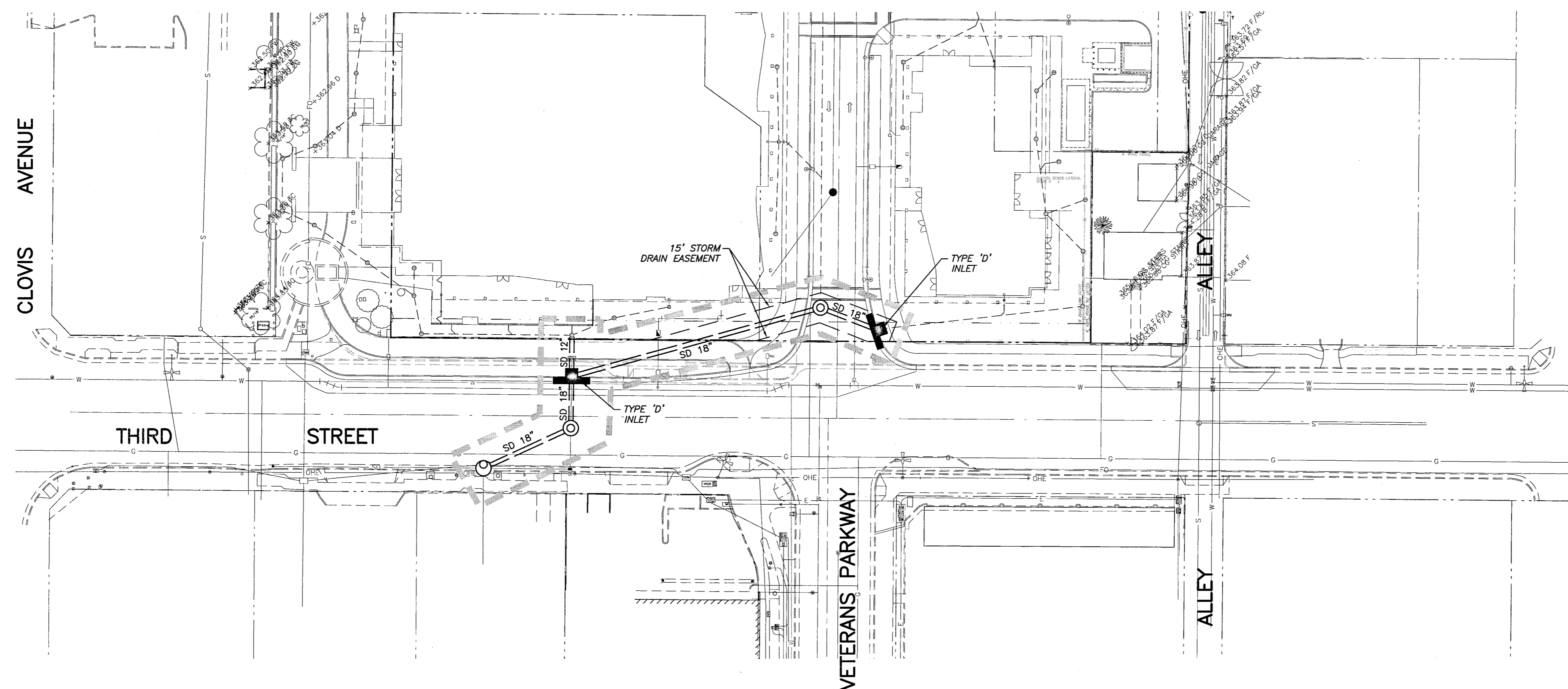
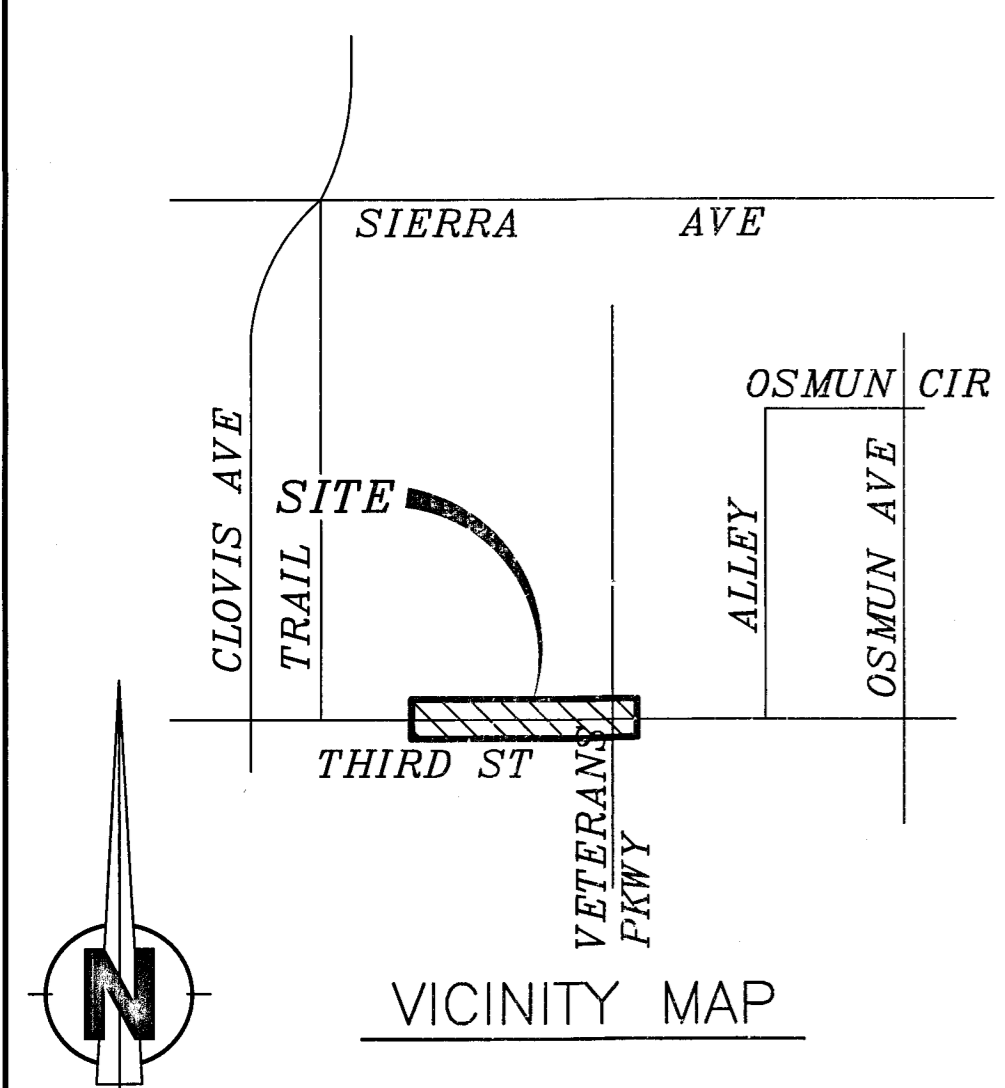
1. ALL STORM DRAINAGE FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD PLANS AND SPECIFICATIONS OF THE FRESNO METROPOLITAN FLOOD CONTROL DISTRICT DATED APRIL 1, 2011 AND ANY ADDENDUMS THERETO.
2. EXISTING GROUND PROFILE TO BE CUT/FILLED BY OTHERS TO PROPOSED GRADES PRIOR TO STORM DRAIN CONSTRUCTION.
3. AS A FIRST ORDER OF WORK THE CONTRACTOR SHALL VERIFY THE EXISTING FLOWLINE(S) AT THE POINT(S) OF CONNECTION.
4. THE CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED TO PERFORM THE WORK EXCEPT THOSE OBTAINED FOR HIM BY THE DISTRICT. THE CONTRACTOR SHALL ABIDE BY THE CONDITIONS OF ALL PERMITS AND SHALL PERFORM ALL WORK ORDERED BY SAID PERMITS IN CONFORMANCE THEREWITH AND AS DIRECTED BY THE ENGINEER.
5. BEFORE COMMENCING EXCAVATION, THE CONTRACTOR SHALL NOTIFY ALL UTILITY AUTHORITIES HAVING POSSIBLE INTEREST IN THE WORK OF THE CONTRACTOR'S INTENTION TO EXCAVATE PROXIMATE TO EXISTING FACILITIES AND THE CONTRACTOR SHALL VERIFY THE LOCATION, DEPTH, AND SIZE OF ALL UTILITIES IN THE WORK AREA.
6. THE CITY OF CLOVIS REVIEW OF FMFCD PLANS IS SOLELY TO VERIFY THAT NO LOCATION CONFLICTS WILL EXIST BETWEEN CITY FACILITIES & FMFCD FACILITIES. THE CITY OF CLOVIS SIGN-OFF OF FMFCD PLANS IS LIMITED TO THE FOREGOING AND NO APPROVAL OF STORM DRAIN SYSTEM DESIGN IS IMPLIED.
7. TWO DAYS PRIOR TO COMMENCING EXCAVATION, THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (U.S.A.) TOLL FREE AT 1-800-642-2444 OR 811.
8. THE CITY OF CLOVIS INSPECTOR WILL HAVE THE PRIMARY INSPECTION RESPONSIBILITY AND WILL CONDUCT THE DAY TO DAY INSPECTION. THE DISTRICT WILL ALSO CONDUCT INSPECTIONS FROM TIME TO TIME ON AN IRREGULAR BASIS. THE CONTRACTOR SHALL NOTIFY THE CITY OF CLOVIS CONSTRUCTION MANAGEMENT DEPARTMENT AT (559)324-2354 AND THE DISTRICT CONSTRUCTION MANAGER, AT (559)456-3292 TWO WORKING DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.

**SPECIAL NOTE:**

WHERE UNDERGROUND AND SURFACE STRUCTURES ARE SHOWN ON THE PLANS, THE LOCATIONS, DEPTH AND DIMENSIONS OF STRUCTURES ARE BELIEVED TO BE REASONABLY CORRECT, BUT ARE NOT GUARANTEED. SUCH STRUCTURES ARE SHOWN FOR THE INFORMATION OF THE CONTRACTOR, BUT INFORMATION SO GIVEN IS NOT TO BE CONSTRUED AS A REPRESENTATION THAT SUCH STRUCTURES WILL, IN ALL CASES, BE FOUND WHERE SHOWN, OR THAT THEY REPRESENT ALL OF THE STRUCTURES WHICH MAY BE ENCOUNTERED.

**CALIFORNIA COUNCIL OF CIVIL ENGINEERS & LAND SURVEYORS:**

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL AND ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.



**LEGEND**

- ⊙ EXISTING STORM DRAIN MANHOLE
- EXISTING STORM DRAIN GRATE INLET
- EX. 24" SD — EXISTING PIPE & SIZE
- === PROPOSED REINFORCED CONCRETE PIPE
- PROPOSED FMFCD TYPE "D" INLET
- W 8" — PROPOSED WATER MAIN & SIZE
- ⊙ EXISTING SEWER MANHOLE
- ⊙ PROPOSED STORM DRAIN MANHOLE
- EX. 8" S — EXISTING SEWER MAIN & SIZE
- FO — EXISTING FIBER OPTIC LINE
- G — EXISTING GAS MAIN
- OHE — EXISTING OVERHEAD ELECTRIC
- W — EXISTING WATER MAIN

**BENCHMARK:**  
CITY OF CLOVIS BM 101  
BRASS CAP BENCHMARK IN CURB  
NORTHEAST CORNER FIFTH AND CLOVIS 30.5'± WEST OF EAST END WALL  
ELEVATION = 360.65 (CITY OF CLOVIS NAVD 88)

CITY OF FRESNO BM 495  
BRASS CAP BENCHMARK IN CONCRETE  
SOUTHWEST CORNER SIERRA AND CLOVIS IN EAST SIDE CONCRETE PAD FOR BBO PIT IN PARK  
ELEVATION = 363.45 (CITY OF CLOVIS NAVD 88)  
ELEVATION = 361.27 (CITY OF FRESNO NAVD 29)

CONVERSION FACTOR FROM NGVD 29 TO NAVD88 = 2.18'

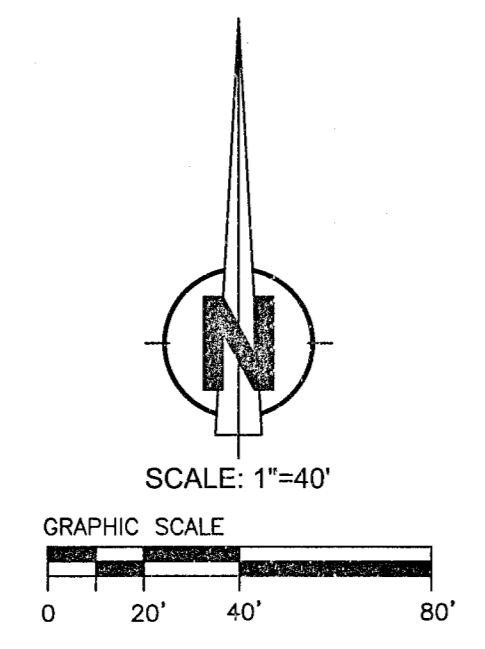
**BASIS OF BEARINGS:**  
THE NORTH LINE OF THIRD STREET OF THE TOWN OF EAST CLOVIS, RECORDED DECEMBER 27, 1902, IN BOOK 2 PAGE 47 OF RECORDS OF SURVEYS, FRESNO COUNTY RECORDS, TAKEN TO BE NORTH 89°30'27" WEST PER CITY OF CLOVIS COORDINATE SYSTEM.

INSPECTION FEE: TO BE PAID TO CITY OF CLOVIS BY SEPARATE AGREEMENT

**TABLE OF CONTENTS**

DRAWING	TITLE	SHEET No.
4D-B-1	TITLE AND LOCATION	1
4D-B-2	PLAN & PROFILE	2

NOTE: A SEPARATE SET OF SPECIAL PROVISIONS ARE PART OF THIS PLAN

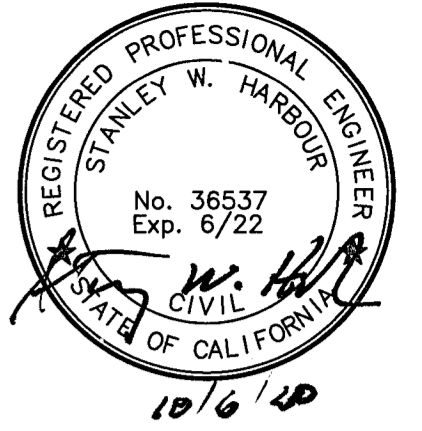


**LANDMARK SQUARE**

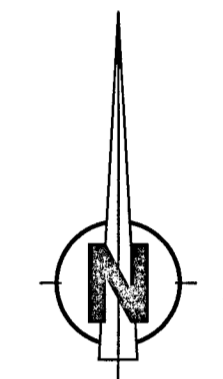
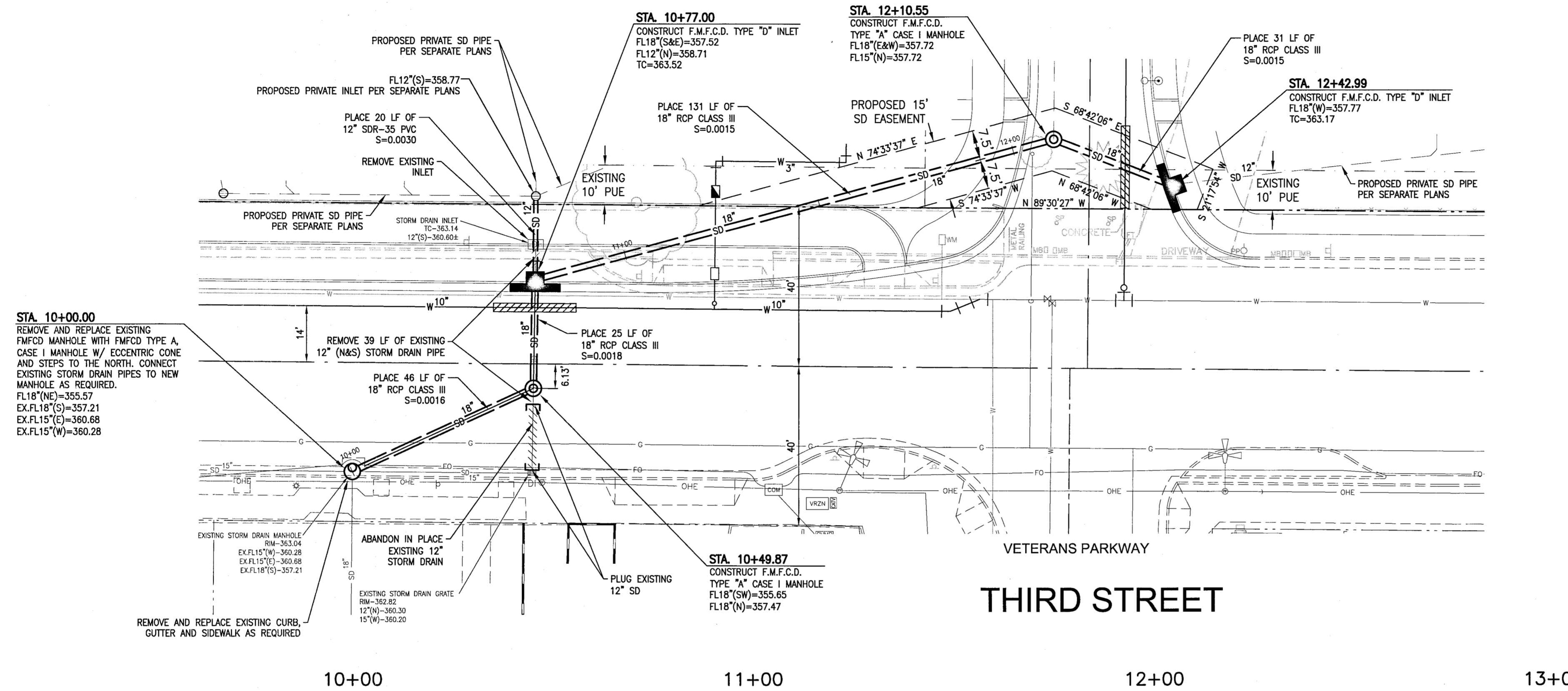
APPROVED:	<i>Stanley W. Harbour</i> STANLEY W. HARBOUR RCE 36537	10-6-20 Date
APPROVED:	<i>Alan Hofmann</i> ALAN HOFMANN, F.M.F.C.D. GENERAL MANAGER - SECRETARY	10/8/2020 Date
APPROVED:	<i>Peter Sanchez</i> PETER SANCHEZ, F.M.F.C.D. DISTRICT ENGINEER - ASSISTANT GENERAL MANAGER RCE 56903	10-8-2020 Date
APPROVED:	<i>Michael J. Harrison</i> MICHAEL J. HARRISON, CITY ENGINEER RCE 60953	10/29/2020 Date



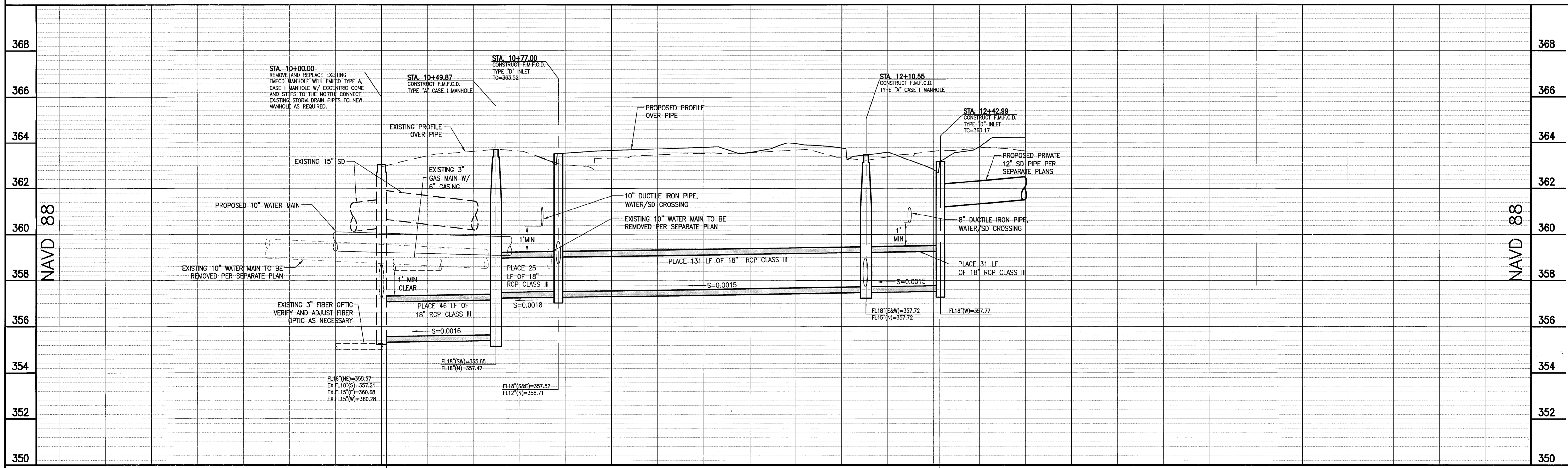
NOTE:  
ALL STATIONING IS ALONG CENTERLINE  
OF STORM DRAIN PIPE.



NOTE:  
EXISTING IMPROVEMENTS, TREES, AND WATER MAIN  
WILL BE REMOVED BY OTHERS PER SEPARATE PLANS  
PRIOR TO THE STORM DRAIN CONSTRUCTION.



GRAPHIC SCALE  
0 10' 20' 40'  
PLAN SCALE 1" = 20'  
PROFILE SCALES  
HORZ: 1" = 20'  
VERT: 1" = 2'





PAUL HALAJIAN  
ARCHITECTS

## SIGN-IN SHEET

Project Name: Landmark Square  
 Project Location: 735 and 785 Third Street  
 Clovis, CA 93612  
 City of Clovis Job No. CIP 15-03  
 PHA Job No: 2016-39  
 Meeting Date: 10/16/2020  
 Meeting Location: City of Clovis Senior Center  
 Meeting Subject: Pre-Bid Meeting

Name	Company	email
Dave Otero	Quiring Gen	dotero@quiring.com
Nick Seals	Seals Construction	nick.seals@sealsconstruction.com
Indi Randol	Mark Wilson Construction	indi@markwilsonconstruction.com
Doug Reitz	Mark Wilson Const.	
Catherine Stevens	AMG & Associates	estimating@amgassociatesinc.com
Shayan Seddigh	Sletten Companies	sseddigh@sletteninc.com
Lee Haffely	Spinitar	lee.haffely@spinitar.com
Germain Sanchez	Dunn Edwards Paints	germain.sanchez@dunnedwards.com
David Arreguin	Durham Construction	david@durham-construction.com
Dan Eden	Sletten Const.	deden@sletteninc.com
Kraig Kuglin	Sletten Const.	kkuglin@sletteninc.com

T: 559.297.7900  
 F: 559.297.7950

389 Clovis Ave., Ste. 200  
 Clovis, California 93612-1185

www.halajianarch.com

