



**PAUL HALAJIAN
ARCHITECTS**

ADDENDUM

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#: **01**

PUBLISHED DATE: October 16, 2020

PHA JOB NO.: 2016-39

CITY JOB NO.: CIP 15-03

*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: **14** pages and **88** attachments = **102** total pages.)*

PROJECT MANUAL

Item 01-01

Reference: SECTION 00 01 10 — TABLE OF CONTENTS.

- a. Add to Division 10, Specialties the following:
"101419 DIMENSIONAL LETTER SIGNAGE.....7"

Item 01-02

Reference: SECTION 10 14 19 — DIMENSIONAL LETTER SIGNAGE.

- a. Add Section **10 14 19, Dimensional Letter Signage** with the attached.

DRAWINGS

Item 01-03

Reference: G000 — COVER.

- a. Refer to Sheet Index – Add Sheet "AD1-A913 Interior Details" to Architecture and replace the sheet count for Architecture of "54" with "55".
- b. Refer to Sheet Index – Replace the total sheet count of "153" with "154".

Item 01-04

Reference: G110 — TRANSIT CENTER — CODE ANALYSIS .

- a. Refer to Transit Center Code Analysis - Fire Extinguisher Cabinet adjacent to 202A door to be relocated to the east of door 210B.

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Item 01-05

Reference: A100 — OVERALL SITE PLAN.

- a. Omit sheet **A100, Overall Site Plan** and replace with **AD1-A100, Overall Site Plan** attached. The following changes have been made.
 - i. Revised Keynotes #12, #17, #19, and #21.
 - ii. Revised Trash Enclosure types.
 - iii. Added site lighting for clarification and Keynote #30.
 - iv. Revised painted crosswalks for clarification.
 - v. Added Keynote #20 to South of site plan.

Item 01-06

Reference: A101 — SITE DETAILS.

- a. Omit detail **11/A101** and replace with **2/AD1-17** attached.
- b. Add detail **1/AD1-17**.

Item 01-07

Reference: A200 — SENIOR CENTER – OVERALL FLOOR PLAN.

- a. Omit sheet **A200, Senior Center – Overall Floor Plans** and replace with **AD1-A200, Senior Center – Overall Floor Plans** attached. The following changes have been made.
 - i. Revision to Bar/Sales layout.
 - ii. Added 1-hour fire-rated barrier to East and South wall at room “100 Tenant Space” as indicated.
 - iii. Added detail references for 20/A903, 25/A903, and 6/A913 to accent wood walls at rooms “128 Toilet Room”, “134 Classroom A”, and “132 Electrical”.
 - iv. Added Keynote #20 and #21.

Item 01-08

Reference: A210 — TRANSIT CENTER – OVERALL FLOOR PLAN.

- a. Refer to 1/A210 – Add detail references for **1/AD1-13** and **7/AD1-A913** at the reception counter in room “201 Waiting Room”.

Item 01-09

Reference: A300 – SENIOR CENTER – EXTERIOR ELEVATIONS

- a. Refer to Keynotes – Replace Keynote 9 with the following, “Banner Display Supports (typ. of 5) and Lighting. See Electrical and AD1-12.”

Item 01-10

Reference: A400 — SENIOR CENTER – BUILDING SECTIONS.

- a. Omit sheet **A400, Senior Center – Building Sections** and replace with **AD1-A400, Senior Center – Building Sections** attached. The following changes have been made.
 - i. Refer to 1/A400 – Remove detail reference 13/A905 at room “151 Multi-Purpose Room”.
 - ii. Refer to 3/A400 – Add detail reference 14/AD1-A913 and 15/AD1-A914 at room “137 West Hall”.

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Item 01-11

Reference: A401 — SENIOR CENTER – BUILDING SECTIONS.

- a. Omit sheet **A401, Senior Center – Building Sections** and replace with **AD1-A401, Senior Center – Building Sections** attached. The following changes have been made.
 - i. Refer to 1/A401 – Gypsum Board ceiling at room “140 South Hall” has been revised to flat plywood ceiling panels from gridline 8 to gridline 10.
 - ii. Refer to 4/A401 – Add detail reference 7/AD1-A913 at room “121 Open Office”.

Item 01-12

Reference: A600 — SENIOR CENTER – REFLECTED CEILING PLAN.

- a. Omit sheet **A600, Senior Center – Reflected Ceiling Plan** and replace with **AD1-A600, Senior Center – Reflected Ceiling Plan** attached. The following changes have been made.
 - i. Added Keynote #2.
 - ii. Added reference detail to north soffit at west of room “130 East Hall”.
 - iii. ACT ceiling at room “141 Data Room” has been revised to a gypsum board ceiling.
 - iv. Gypsum Board ceiling at room “140 south Hall” has been revised to flat plywood ceiling panels from gridline 8 to gridline 10.
 - v. Joints have been added at plywood ceiling panels for rooms “126 North Lobby”, “133 South Lobby”, “148 West Lobby”.
 - vi. Revised ceiling heights at alcoves along gridline 10.

Item 01-13

Reference: A720 – FINISH SCHEDULES.

- a. Refer to Notes – Add the following notes:
 3. Where casework is indicated as CW-6, cabinet shall be of a Frameless assembly. See detail 4/A911.
 4. Where casework is indicated as CW-3 & CW-4, cabinet shall be of a Face-Frame & Inset door assembly. See detail 1/A913 and 26/A911.
- b. Refer to Senior Center - Finish Schedule:
 - i. For Room 121, omit “CW-11” from Casework Type.
 - ii. For Room 126, add “CW-5” to Casework Type.
 - iii. For Room 130, add “CW-5” to Casework Type.
 - iv. For Room 138, replace “CW-5” with “CW-1” in Casework Type.
 - v. For Room 139, add “CW-12” to Casework Type.
- c. Refer to Transit Center – Finish Schedule:
 - i. For Room 202, replace “CW-11” with “CW-6” in Casework Type.
 - ii. For Room 202, add “CWT-1” and “CF-4” to Casework Finish.
 - iii. For Room 212, Room 213, and Room 214, replace “CW-2” with “CW-5” in Casework Type.

Item 01-14

Reference: A721 – INTERIOR FLOOR PLAN CODES AND PATTERNS.

- a. Refer to Material & Finish Codes:
 - i. Remove material codes W-44 and W-45 from schedule.
 - ii. Add the following notes:
“W-57 Cove Metal Moldings”

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“W-58 Metal profile for top of wainscoting”

“CW-12 Linoleum”

- b. Refer to Ceramic Tile Specifications:
 - i. Replace Finish Codes where indicated as “W-44” with “W-57”.
 - ii. Replace Finish codes where indicates as “W-45” with “W-58”.

Item 01-15

Reference: A730 – DOOR SCHEDULES.

- a. Refer to Senior Center – Door Schedule:
 - i. Replace height of doors 104A and 105A from “ 8’-0” ” with “ 7’-10” ”.
 - ii. Replace width of door 147A from “ 5’-0” ” with “ 4’-6” ”.
 - iii. Replace width of door 149A from “ 6’-0” ” with “ 6’-4” ” and height from “ 8’-0” ” to “7’-10” ”.

Item 01-16

Reference: A801 – SENIOR CENTER – INTERIOR ELEVATIONS.

- a. Refer to Keynotes:
 - i. Omit and replace Keynote #7 with the following: “4’x4’ Signage/Logo, galvanized metal, min. 16 GA, with backlighting. Coordinate w/ Owner before production.”
- b. Refer to interior elevation 8 — Remove text “Landmark Square” from logo.
- c. Omit interior elevation **11/A801** and replace with **2/AD1-15** attached.

Item 01-17

Reference: A802 – SENIOR CENTER – INTERIOR ELEVATIONS.

- a. Omit sheet **A802, Senior Center – Interior Elevations** and replace with **AD1-A802, Senior Center – Interior Elevations** attached. The following changes have been made:
 - i. Refer to interior elevations 1, 4, 5, 6, 7, 8, 17, 18, and 19 – Joints have been added at plywood wall panels and wainscot plywood panels.

Item 01-18

Reference: A803 – SENIOR CENTER – INTERIOR ELEVATIONS.

- a. Omit sheet **A803, Senior Center – Interior Elevations** and replace with **AD1-A803, Senior Center – Interior Elevations** attached. The following changes have been made:
 - i. Refer to interior elevations 1, 2, and 4— Joints have been added at plywood wall panels.

Item 01-19

Reference: A804 – SENIOR CENTER – INTERIOR ELEVATIONS.

- a. Omit sheet **A804, Senior Center – Interior Elevations** and replace with **AD1-A804, Senior Center – Interior Elevations** attached. The following changes have been made:
 - i. Refer to interior elevations 5 and 7— Joints have been added at wainscot plywood panels.
 - ii. Refer to interior elevation 5— Detail reference 27/A912 typ. has been added to wainscot.

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Item 01-20

Reference: A806 – SENIOR CENTER – INTERIOR ELEVATIONS.

- a. Omit sheet **A806, Senior Center – Interior Elevations** and replace with **AD1-A806, Senior Center – Interior Elevations** attached. The following changes have been made:
 - i. Refer to interior elevations 1 and 3— Elevations have been revised for flat plywood ceiling panels.

Item 01-21

Reference: A807 – SENIOR CENTER – INTERIOR ELEVATIONS.

- a. Omit sheet **A807, Senior Center – Interior Elevations** and replace with **AD1-A807, Senior Center – Interior Elevations** attached. The following changes have been made:
 - i. Refer to interior elevations 1, 2, 3, 4, 10, 11, and 12 – Elevations have been revised for revision to Bar/Sales layout.
 - ii. Refer to interior elevations 5, 6, 7, and 8 – Joints have been added at wainscot plywood panels.

Item 01-22

Reference: A808 – SENIOR CENTER – INTERIOR ELEVATIONS.

- a. Omit sheet **A808, Senior Center – Interior Elevations** and replace with **AD1-A808, Senior Center – Interior Elevations** attached. The following changes have been made:
 - i. Refer to Keynotes – Add the following notes:
 - “10 Acoustically transparent fabric”
 - “11 Plywood panel joint, typ.”
 - ii. Refer to interior elevations 1, 3, 4, 5, 6, 7, 8, 10 — Joints have been added at wainscot plywood panels.
 - iii. Refer to interior elevations 1 and 3 — Elevations have been revised for change in location of opening.
 - iv. Refer to interior elevations 4 and 8 — Detail references have been added for wall panel joint and screw fastening pattern.
 - v. Refer to interior elevation 7 — Elevations has been revised for change in double door size.

Item 01-23

Reference: A809 – SENIOR CENTER – INTERIOR ELEVATIONS.

- a. Omit interior elevation **2/A809** and replace with interior elevation **1/AD1-15** attached. The following changes have been made:
 - i. Door frame size has been revised from 4” to 2” face frame at head for doors 104A and 105A.
 - ii. Elevation has been revised for change in doors 104A and 105A as indicated on A730 Door Schedule.

Item 01-24

Reference: A810 – TRANSIT CENTER – INTERIOR ELEVATIONS.

- a. Omit interior elevation **7/A810** and replace with interior elevation **1/AD1-16** attached. The following changes have been made:
 - i. Height dimension for countertop height has been added.
 - ii. Joints have been added at soffit plywood panels.

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- b. Refer to 12/A810 –
 - i. Remove casework tag and replace with keynote 18.

Item 01-25

Reference: A811 – TRANSIT CENTER – INTERIOR ELEVATIONS.

- a. Omit interior elevation **13/A811** and replace with interior elevation **2/AD1-16** attached. The following changes have been made:
 - i. Joints have been added at plywood wall panels.

Item 01-26

Reference: A901 – OPENING DETAILS.

- a. Omit detail **13/A901** and replace with detail **AD1-19** attached.
- b. Refer to detail 14 –
 - i. Replace door jamb/head face frame dimension from “ 4 ” to “ 2 ”.

Item 01-27

Reference: A903 – WALL DETAILS.

- a. Refer to detail 20 – Replace dimension for gypsum reveal from “ 2 ” to “ 3 ”.
- b. Refer to detail 25 – Replace dimension for wall thickness from “ 11 1/2 ” to “See Floor Plan for Wall Thickness ”.
- c. Refer to detail 29 – Revise door face frame size from 4” to 2”.
- d. Refer to detail 30 –
 - i. Revise detail title “(INT) Plywood Wrapped Wall Corners” with “(INT) Plywood Wrapped Jamb (Head Sim.)”.
 - ii. Revise vertical dimension “Varies See Floor Plan” with “Varies See Floor Plan or RCP”.
 - iii. Revise horizontal dimension “11 ½ ” with “See Floor Plan or RCP”.

Item 01-28

Reference: A904 – WALL DETAILS.

- a. Omit detail **11/A904** and replace with detail **1/AD1-02** attached.
- b. Omit detail **14/A904** and replace with detail **2/AD1-02** attached.
- c. Omit detail **17/A904** and replace with **AD1-03** attached.
- d. Add detail **AD1-04**.

Item 01-29

Reference: A905 – CEILING DETAILS.

- a. Omit detail **9/A905** and replace with **AD1-05** attached.
- b. Omit detail **11/A905** and replace with **1/AD1-06** attached.
- c. Omit detail **14/A905** and replace with **2/AD1-06** attached.
- d. Omit detail **13/A905**.
- e. Omit detail **18/A905** and replace with **AD1-07** attached.
- f. Add detail **AD1-08**.

Item 01-30

Reference: A906 – CEILING DETAILS.

- a. Omit detail **7/A906** and replace with **AD1-09** attached.

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Item 01-31

Reference: A907 – ROOF DETAILS.

- a. Omit detail **27/A907** and replace with **1/AD1-10** attached.
- b. Add detail **2/AD1-10**.
- c. Add detail **1/AD1-11** and **2/AD1-11**.

Item 01-32

Reference: A910 – SHADESCREEN AND CANOPY DETAILS.

- a. Add detail **AD1-12**.

Item 01-33

Reference: A911 – CASEWORK DETAILS.

- a. Refer to detail 4 –
 - i. Replace note “4. All plan dimensions of casework are cabinet dimensions only & do not include countertop overhang.” with “4. All plan dimensions of casework are countertop dimensions only & includes countertop overhang. Adjust casework dimensions accordingly.”
 - ii. Replace dimension for countertop depth from “See Int. Elev.” to “See Int. Elev. - 24” max.”
- b. Omit detail **6/A911** and replace with **1/AD1-20** attached.
- c. Omit detail **16/A911** and replace with **AD1-21** attached.
- d. Omit detail **17/A911** and replace with **2/AD1-20** attached.
- e. Omit detail **19/A911** and replace with **1/AD1-13** attached.
- f. Add detail **2/AD1-13**.

Item 01-34

Reference: A912 – INTERIOR DETAILS.

- a. Omit detail **5/A907** and replace with **2/AD1-14** attached.
- b. Add detail **1/AD1-14**.

Item 01-35

Reference: AD1-A913 – INTERIOR DETAILS.

- a. Add sheet **AD1-A913, Interior Details**.

Item 01-36

Reference: S100 – TYPICAL NOTES.

- a. Omit sheet **S100, Typical Notes** and replace with **S100, Typical Notes** attached. The following changes have been made:
 - i. Refer to 8. Glued-Laminated Beams – Revised note 8.A.

Item 01-37

Reference: S200 – SENIOR ACTIVITY CENTER – FOUNDATION PLAN.

- a. Omit sheet **S200, Senior Activity Center-Foundation Plan** and replace with **AD1-S200, Senior Activity Center-Foundation Plan** attached. The following changes have been made:
 - i. Revised dimensions to align centerline of column with the face of studs, which represents the ridge line at the roof above.

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Item 01-38

Reference: S300 – SENIOR ACTIVITY CENTER – ROOF FRAMING PLAN.

- a. Omit sheet **S300, Senior Activity Center-Roof Framing Plan** and replace with **AD1-S300, Senior Activity Center-Roof Framing Plan** attached. The following changes have been made:
 - i. Added detail references for new details.
 - ii. Added camber information.
 - iii. Added plate splice information.

Item 01-39

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

- a. Omit sheet **S301, Senior Activity Center-Upper Roof Framing Plan** and replace with **AD1-S301, Senior Activity Center-Upper Roof Framing Plan** attached. The following changes have been made:
 - i. Omitted the 2x6 T&G decking at the west overhang and replaced with metal deck.

Item 01-40

Reference: S302 – SENIOR ACTIVITY CENTER – DIAPHRAGM PLAN.

- a. Omit sheet **S302, Senior Activity Center-Diaphragm Plan** and replace with **AD1-S302, Senior Activity Center-Diaphragm Plan** attached. The following changes have been made:
 - i. Revised orientation of plywood at exterior conditions.
 - ii. Added Ceiling Panel Notes.

Item 01-41

Reference: S310 – TRANSIT CENTER – ROOF FRAMING PLAN.

- a. Omit sheet **S310, Transit Center-Roof Framing Plan** and replace with **AD1-S310, Transit Center-Roof Framing Plan** attached. The following changes have been made:
 - i. Added camber information.
 - ii. Added C to indicate continuous beams.
 - iii. Added plate splice information.

Item 01-42

Reference: S311 – TRANSIT CENTER – DIAPHRAGM PLAN.

- a. Omit sheet **S311, Transit Center-Diaphragm Plan** and replace with **AD1-S311, Transit Center-Diaphragm Plan** attached. The following changes have been made:
 - i. Revised orientation of plywood at exterior conditions.
 - ii. Added Ceiling Panel Notes.

Item 01-43

Reference: S402 – SENIOR ACTIVITY CENTER – SECTIONS.

- a. Omit sheet **S402, Senior Activity Center-Sections** and replace with **AD1-S402, Senior Activity Center-Sections** attached. The following changes have been made:
 - i. Revised elevations and location of ridge.

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Item 01-44

Reference: S403 – SENIOR ACTIVITY CENTER – SECTIONS.

- a. Omit sheet **S403, Senior Activity Center-Sections** and replace with **AD1-S403, Senior Activity Center-Sections** attached. The following changes have been made:
 - i. Revised elevations and location of ridge.

Item 01-45

Reference: S405 – SENIOR ACTIVITY CENTER – SECTIONS.

- a. Omit sheet **S405, Senior Activity Center-Sections** and replace with **AD1-S405, Senior Activity Center-Sections** attached. The following changes have been made:
 - i. Added detail reference.

Item 01-46

Reference: S412 – TRANSIT CENTER – SECTIONS.

- a. Omit sheet **S412, Transit Center-Sections** and replace with **AD1-S412, Transit Center-Sections** attached. The following changes have been made:
 - i. Refer to detail H/S412 – Revised framing at grid line tE.

Item 01-47

Reference: S500 – ROOF FRAMING DETAILS.

- a. Omit sheet **S500, Roof Framing Details** and replace with **AD1-S500, Roof Framing Details** attached. The following changes have been made:
 - i. Refer to detail 1/S500 – Revised blocking size at plywood splices.

Item 01-48

Reference: S502 – ROOF FRAMING DETAILS.

- a. Omit sheet **S502, Roof Framing Details** and replace with **AD1-S502, Roof Framing Details** attached. The following changes have been made:
 - i. Refer to detail 6/S502 – Added blocking and strapping.

Item 01-49

Reference: S503 – ROOF FRAMING DETAILS.

- a. Omit sheet **S503, Roof Framing Details** and replace with **AD1-S503, Roof Framing Details** attached. The following changes have been made:
 - i. Refer to detail 4/S503 – Omitted 2x6 decking at overhang and replaced with metal deck. Added angle ledger to inside face of fascia beam.

Item 01-50

Reference: S504 – ROOF FRAMING DETAILS.

- a. Omit sheet **S504, Roof Framing Details** and replace with **AD1-S504, Roof Framing Details** attached. The following changes have been made:
 - i. Refer to detail 6/S504 – Revised soffit framing. Deleted 2x T&G decking and replaced with metal deck.
 - ii. Refer to detail 7/S504 – Omitted 2x T&G decking and replaced with metal deck.
 - iii. Refer to detail 8/S504 – Removed PSL beam to match framing plan. Revised blocking over shearwall to 4x. Added flat blocking for strap ties.

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Item 01-51

Reference: S505 – ROOF FRAMING DETAILS.

- a. Omit sheet **S505, Roof Framing Details** and replace with **AD1-S505, Roof Framing Details** attached. The following changes have been made:
 - i. Refer to detail 9/S505 – Revised plate splice requirement.
 - ii. Refer to detail 13/S505 – Revised orientation of side plates at beam saddle.

Item 01-52

Reference: S506 – ROOF FRAMING DETAILS.

- a. Omit sheet **S506, Roof Framing Details** and replace with **AD1-S506, Roof Framing Details** attached. The following changes have been made:
 - i. Refer to detail 10/S506 – Omitted 3x8 stud requirement at bent clip locations.

Item 01-53

Reference: S508 – ROOF FRAMING DETAILS.

- a. Omit sheet **S508, Roof Framing Details** and replace with **AD1-S508, Roof Framing Details** attached. The following changes have been made:
 - i. Refer to detail 12/S508 – Revised blocking requirement to 3x4 at plywood edges.
 - ii. Refer to detail 6/S508 – Added similar condition for shearwall location.
 - iii. Refer to detail 10/S508 – Revised plate splice requirement. Added A34 clips to blocking ends.
 - iv. Refer to detail 11/S508 – Added similar condition for strut location beyond shearwall.

Item 01-54

Reference: S509 – ROOF FRAMING DETAILS.

- a. Omit sheet **S509, Roof Framing Details** and replace with **AD1-S509, Roof Framing Details** attached. The following changes have been made:
 - i. Added the following details: 7, 8, 9, and 10.

Item 01-55

Reference: S600 – BEAM DETAILS.

- a. Omit sheet **S600, Beam Details** and replace with **AD1-S600, Beam Details** attached. The following changes have been made:
 - i. Refer to detail 9/S600 – Added angle ledger end connection. Omitted 2x6 T&G decking and replaced with metal deck.
 - ii. Refer to detail 10/S600 –
 - Revised face plate dimensions connecting the fascia beam to the end of the glue-lam beam.
 - Added angle ledger end connection.
 - Omitted 2x6 T&G decking and replaced with metal deck.

Item 01-56

Reference: S602 – BEAM DETAILS.

- a. Omit sheet **S602, Beam Details** and replace with **AD1-S602, Beam Details** attached. The following changes have been made:

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- i. Refer to detail 2/S602 – Revised blocking thickness and location of plywood splice and revised plate thickness.
- ii. Refer to detail 3/S602 – Revised plate splice below valley.

Item 01-57

Reference: S603 – BEAM DETAILS.

- a. Omit sheet **S603, Beam Details** and replace with **AD1-S603, Beam Details** attached. The following changes have been made:
 - i. Refer to detail 10/S603 – Added strut tie information.

Item 01-58

Reference: S701 – FOUNDATION DETAILS.

- a. Omit sheet **S701, Foundation Details** and replace with **AD1-S701, Foundation Details** attached. The following changes have been made:
 - i. Refer to detail 5/S701 – Revised slab thickness above concrete stem wall.
 - ii. Added the following details: 8 and 9.

Item 01-59

Reference: P101 – PLUMBING SITE PLAN.

- a. Omit sheet **P101, Plumbing Site Plan** and replace with **AD1-P101, Plumbing Site Plan** attached.

Item 01-60

Reference: P201 – SENIOR CENTER ENLARGED PLUMBING PLANS.

- b. Refer to E/P201 – Omit E/P201 “Enlarged Plumbing Plan – Senior Center” and replace with AD1-P1.

Item 01-61

Reference: M100 – SCHEDULES.

- a. Omit sheet **M100, Schedules** and replace with **AD1-M100, Schedules** attached.

Item 01-62

Reference: M200 – HVAC FLOOR PLAN.

- a. Omit sheet **M200, HVAC Floor Plan** and replace with **AD1-M200, HVAC Floor Plan** attached.

Item 01-63

Reference: M210 – HVAC FLOOR PLAN.

- a. Omit sheet **M210, HVAC Floor Plan** and replace with **AD1-M210, HVAC Floor Plan** attached.

Item 01-64

Reference: M211 – HVAC PIPING/EMS PLAN.

- a. Omit sheet **M211, HVAC Piping/EMS Plan** and replace with **AD1-M211, HVAC Piping/EMS Plan** attached.

Item 01-65

Reference: M600 – ROOF PLAN.

- a. Omit sheet **M600, Roof Plan** and replace with **AD1-M600, Roof Plan** attached.

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Clovis Landmark Square

Addendum #01
October 16, 2020



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Item 01-66

Reference: M610 – ROOF PLAN.

- a. Omit sheet **M610, Roof Plan** and replace with **AD1-M610, Roof Plan** attached.

Item 01-67

Reference: E001 – ELECTRICAL SYMBOLS & NOTES.

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

Item 01-68

Reference: E011 – ELECTRICAL LIGHTING DETAILS.

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

Item 01-69

Reference: E021 – ELECTRICAL SINGLE LINE DIAGRAM.

- a. Omit sheet **E021, Electrical Single Line Diagram** and replace with **AD1-E021, Electrical Single Line Diagram** attached.

Item 01-70

Reference: E022 – ELECTRICAL PANEL SCHEDULES.

- a. Omit sheet **E022, Electrical Panel Schedules** and replace with **AD1-E022, Electrical Panel Schedules** attached.

Item 01-71

Reference: E024 – ELECTRICAL POWER DETAILS.

- a. Omit sheet **E024, Electrical Power Details** and replace with **AD1-E024, Electrical Power Details** attached.

Item 01-72

Reference: E031 – ELECTRICAL TITLE 24 DOCUMENTATION – SENIOR CENTER.

- a. Omit sheet **E031, Electrical Title 24 Documentation – Senior Center** and replace with **AD1-E031, Electrical Panel Schedules** attached.

Item 01-73

Reference: E032 – ELECTRICAL TITLE 24 DOCUMENTATION – SENIOR CENTER.

- a. Omit sheet **E032, Electrical Title 24 Documentation – Senior Center** and replace with **AD1-E032, Electrical Title 24 Documentation – Senior Center** attached.

Item 01-74

Reference: E033 – ELECTRICAL TITLE 24 DOCUMENTATION – TRANSIT CENTER.

- a. Omit sheet **E033, Electrical Title 24 Documentation – Transit Center** and replace with **AD1-E033, Electrical Title 24 Documentation – Transit Center** attached.

Item 01-75

Reference: E034 – ELECTRICAL TITLE 24 DOCUMENTATION – TRANSIT CENTER.

- a. Omit sheet **E034, Electrical Title 24 Documentation – Transit Center** and replace with **AD1-E034, Electrical Title 24 Documentation – Transit Center** attached.

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Addendum #01
October 16, 2020



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Item 01-76

Reference: E101 – ELECTRICAL SITE PLAN.

- a. Omit sheet **E101, Electrical Site Plan** and replace with **AD1-E101, Electrical Site Plan** attached.

Item 01-77

Reference: E201 – SENIOR CENTER LIGHTING PLAN.

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

Item 01-78

Reference: E202 – SENIOR CENTER POWER & DATA PLAN.

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

Item 01-79

Reference: E203 – SENIOR CENTER POWER & DATA PLAN.

- a. Omit sheet **E203, Senior Center Power & Data Plan** and replace with **AD1-E203, Senior Center Power & Data Plan** attached.

Item 01-80

Reference: E204 – SENIOR CENTER ROOF POWER PLAN.

- a. Omit sheet **E204, Senior Center Roof Power Plan** and replace with **AD1-E204, Senior Center Roof Power Plan** attached.

Item 01-81

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

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

Item 01-82

Reference: E302 – TRANSIT CENTER ROOF POWER PLAN.

- a. Omit sheet **E302, Transit Center Roof Power Plan** and replace with **AD1-E302, Transit Center Roof Power Plan** attached.

Item 01-83

Reference: F100 – FIRE PROTECTION SITE PLAN.

- a. Omit sheet **F100, Fire Protection Site Plan** and replace with **AD1-F100, Fire Protection Site Plan** attached.

CLARIFICATION

Item 01-84

Reference: AD1-01 ADDENDUM DRAWING.

- a. Drawing designation for **AD1-01** not used.

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Addendum #01
October 16, 2020



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Item 01-85

Reference: PRE-BID MEETING.

- a. See attached **Pre-Bid Walk Sign-In Sheet** for attendance list of Pre-Bid Meeting dated 10/14/2020.

 Mike Harrison, City of Clovis
 City Engineer

 Date

BIDDER SHALL SIGN BELOW INDICATING HE/SHE HAS THOROUGHLY READ AND UNDERSTANDS THE CONTENTS OF THIS ADDENDUM NO. 1. 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 #01

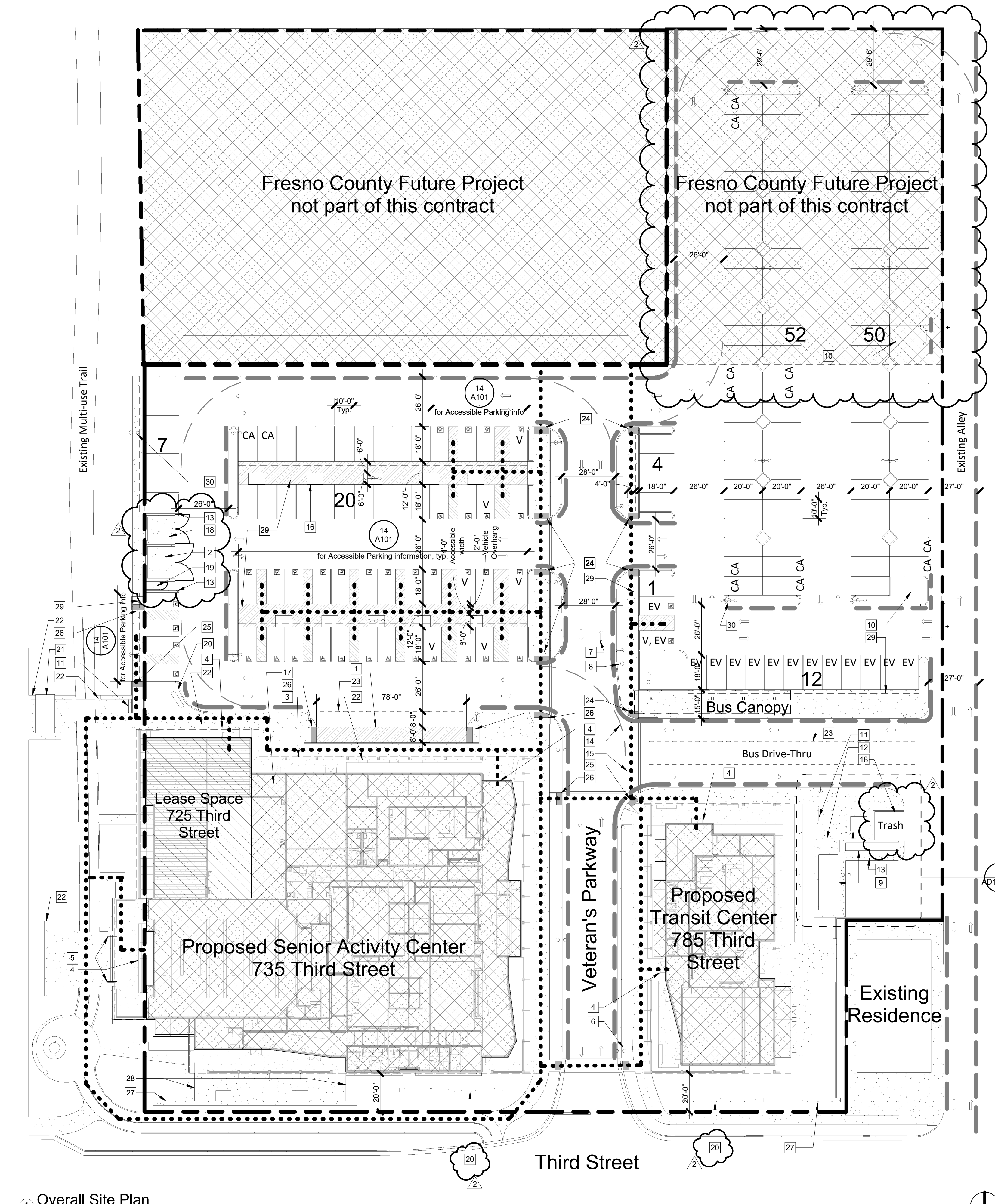
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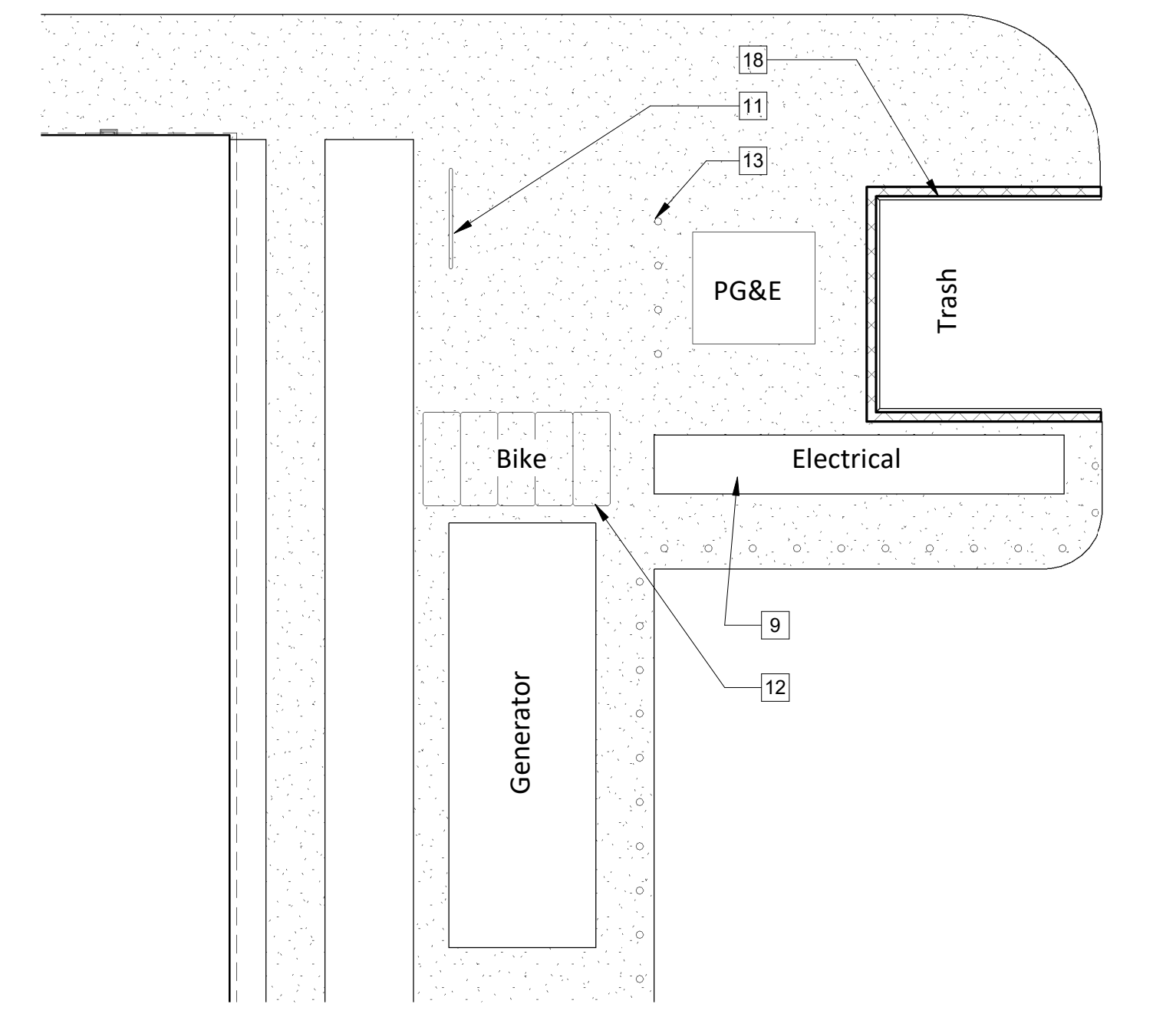
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Clovis Landmark Square

Addendum #01
October 16, 2020



1 Overall Site Plan
1" = 30'-0"



2 Site Plan - Utility Yard
1" = 10'-0"

KEYNOTES

- 1 Passenger Loading Zone; See detail 12/A101
- 2 Type V Trash enclosure per City of Clovis standards; see Sheet A101
- 3 Dashed line indicates extent of building/canopy overhang above, typ.
- 4 Main building entrance
- 5 Handrail, see detail xx/xxxx
- 6 Parking lot entrance sign, see detail 5/A101
- 7 Painted Traffic Arrows; See detail 10/A101
- 8 Fire hydrant and related equipment; See Civil Drawings
- 9 Electrical Service, Generator and related equipment; See Civil and Electrical Drawings
- 10 New location of Power Pole, see civil and electrical drawings
- 11 Short-Term Bicycle Rack; See detail 9/A101
- 12 Long-Term Bicycle Storage (5 units); Lockers to be SportWorks Single Bike Locker with Padlock Handle or approved equal. Color to be selected by Architect and Owner. Anchor per manufacturer's requirements, minimum (4) anchors into concrete slab.
- 13 Bollard, typ. at 3'-0" o.c. see detail 8/A101
- 14 45'-0" Fire Truck turning radius, typ.
- 15 Painted Crosswalk/pedestrian walking zone. Striping to match requirements for Passenger Loading Zone per detail 12/A101. Width to match adjacent walkway.
- 16 Planter with decomposed granite infill, see civil and landscape drawings
- 17 Long Term Bicycle Storage (interior); SportWorks No-Scratch Vertical-Bike Rack Floor mounted or approved equal. Bicycle Capacity - 6. Bicycle spacing - 13". Powder Coated Mild Steel. Color to be selected by Architect and Owner. Anchor per manufacturer's requirements, minimum (4) anchors into concrete slab.
- 18 Type IV Trash enclosure per City of Clovis standards; see Sheet A101
- 19 Can wash enclosure per City of Clovis standards for grease barrel enclosure. Provide sloped concrete to drain and water connections per Plumbing Drawings; see Sheet A101
- 20 Concrete monument sign with backlit signage, see landscape and electrical drawings
- 21 Relocated Shade Structure. Contractor to provide an allowance of \$100,000 for the relocation of the shade structure. Contractor to investigate and notify Owner and Architect the existing structural footings and electrical routing.
- 22 Raised concrete bench, see landscape drawings
- 23 Traffic lane paint striping 4"x24" with 24" gaps between stripes.
- 24 Truncated dome surface. Size to match width of walkway and 3'-0" deep, see detail 3/A101
- 25 Fan-type curb ramp, see detail 7/A101
- 26 Parallel-type curb ramp, see detail 2/A101
- 27 Concrete stemwall, see landscape drawings
- 28 Fencing, see detail xx/xxxx
- 29 Dashed line indicates 2'-0" deep vehicle overhang area.
- 30 Light pole, typ. See electrical drawings.

LEGEND

- Designated Accessible Path of Travel
The pedestrian route shall be a minimum of 48" in width with a maximum cross slope of 2% and a maximum running slope of 5%, unless a compliant ramp is utilized. See Civil Drawings for additional information.
- V Designated Van Accessible Parking Stall
- EV Future Electric Vehicle Charging Station Stall. Install infrastructure only, See Electrical.
- CA Designated Clean Air Vehicle Parking Stall
- Fire Lane Marking per City of Clovis Fire Department Standard #1.1

PARKING INFORMATION

- CODE REQUIRED PARKING REQUIREMENTS:**
- Required Parking per City of Clovis Municipal Code Chapter 9.32 Table 3-12 Public Facilities
36,150 sf / 250 sf. = 145 total stalls
- Required Accessible Parking: 5 Stalls Total (CBC Table 11B-208.2 and 11B-208.2.4)
4 Accessible Stalls
1 Van Accessible Stall
- Required Electric Vehicle Charging Station (EVCS): (CGC Table 5.106.5.3.3)
Type of Stall Required: 7 EVCS Stalls
5 Standard EVCS Stalls
1 Van Accessible EVCS (CBC Table 11B-228.3.2.1)
1 Standard Accessible EVCS
- Required Clean Air Vehicle Parking Stalls (CA): (CGC Table 5.106.5.2)
11 Stalls
- ALLOWED PARKING PER THIS PROJECT:**
- Allowed Total Parking: 184 total stalls
- Allowed Accessible Parking: 36 Stalls Total (CBC Table 11B-208.2 and 11B-208.2.4)
30 Standard Accessible Stalls
6 Van Accessible Stalls
- Allowed Electric Vehicle Charging Station (EVCS): (CGC Table 5.106.5.3.3)
Type of Stall Required: 10 EVCS Stalls
12 Standard EVCS
1 Van Accessible EVCS (CBC Table 11B-228.3.2.1)
1 Standard Accessible EVCS
- Allowed Clean Air Vehicle Parking Stalls (CA): (CGC Table 5.106.5.2)
14 Stalls
- BICYCLE PARKING PER THIS PROJECT:**
- Required Short Term Bicycle Parking: 5% of vehicle parking (CGC 5.106.4)
184 stalls x 5% = 10 bicycle parking spaces
- Allowed Short-Term Bicycle Parking:
Senior Center: 1 rack (7 spaces)
Transit Center: 1 rack (7 spaces)
- Required Long-Term Bicycle Parking: 5% of Vehicle parking (CGC 5.106.4.1.2)
184 stalls x 5% = 10 bicycle parking spaces
- Allowed Long-Term Bicycle Parking:
Senior Center: 5 spaces (interior location at Storage 101)
Transit Center: 5 spaces (exterior lockers)

GENERAL NOTES

1. See Civil, Landscape, Plumbing, and Electrical Drawings for additional information.

PH

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PROJECT:
Clovis Landmark Square
Senior Activity Center and Transit Center
 735 Third Street, Clovis, CA 93612
SHEET: Overall Site Plan

DRAWING SET INFORMATION:

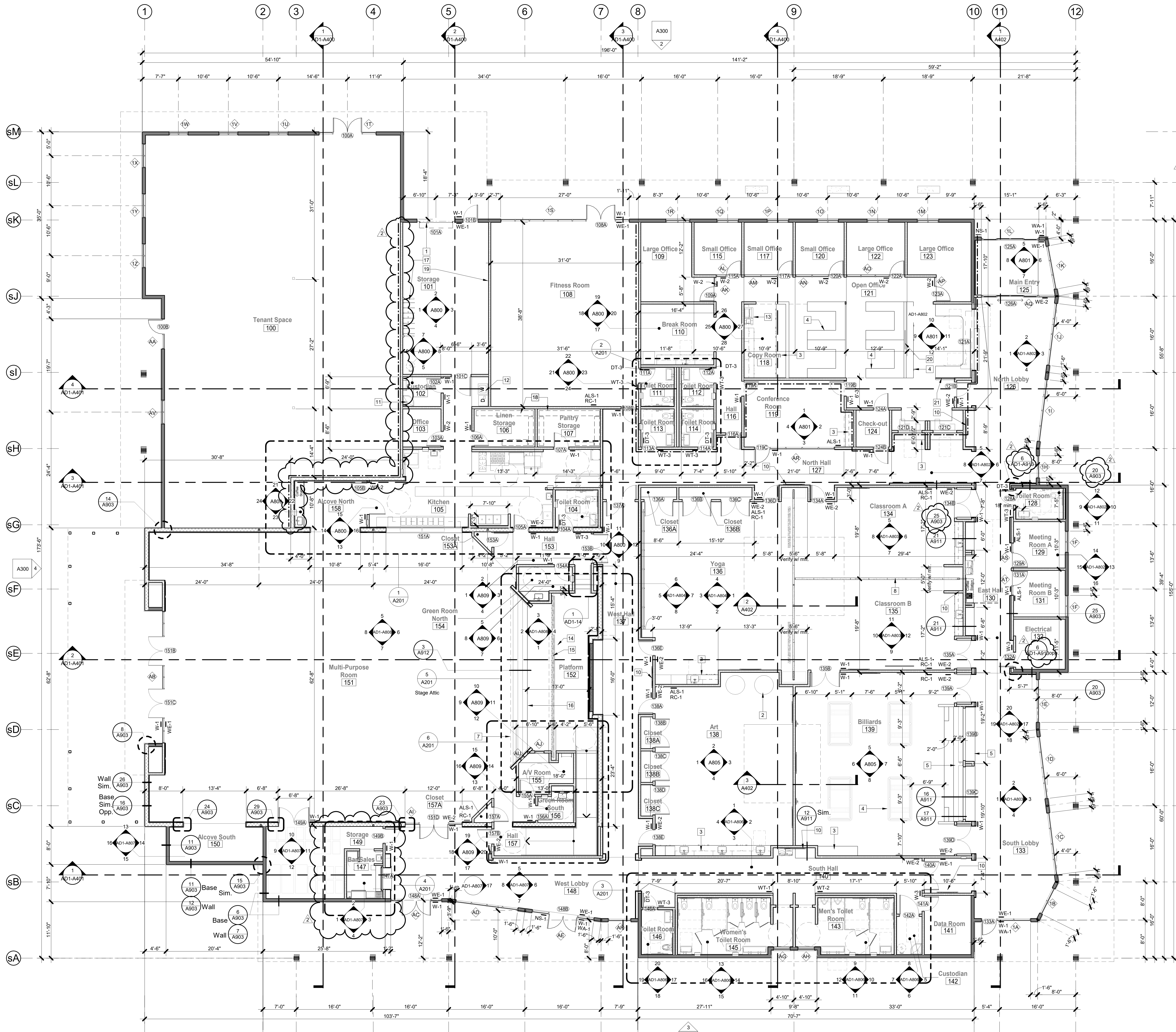
06/19/2020	Plan Check Submittal
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REVISIONS:

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

PROJECT NUMBER:
2016-39

SHEET NUMBER:
AD1-A100



KEYNOTES

- 1 Roll-up door; see Door Schedule, Sheet A740.
- 2 Location of future Kin, by owner. See Mechanical and Electrical drawings for infrastructure and ventilation.
- 3 Casework; see Interior Elevations, A800 Sheets & Casework Details Sheet A911.
- 4 Furniture by owner, NIC.
- 5 Raised seating See casework details sheet A911
- 6 Built-in custom shelving, typ.
- 7 Dashed line indicates extent of soffit above; see reflected ceiling plans, A800/A910.
- 8 Operable wall partition; see Reflected Ceiling Plan, A600 Sheets.
- 9 Presentation wall w/large monitor and external speaker system.
- 10 TV mount, typ. Provide mount and blocking within wall. See specification section 115270.
- 11 Map sink; see plumbing.
- 12 Washer and Dryer provided by owner. Provide connections at wall.
- 13 Printer/Copier location, by Owner.
- 14 Stage curtain
- 15 Motorized Overhead Projector
- 16 Concrete stage steps, typ.
- 17 Long-term vertical bicycle storage rack. See specifications.
- 18 ANSI-approved Wire Shelving Units to be installed by Owner, typ. this room. Not within this contract.
- 19 Provide blocking at +7'-0" around perimeter of interior walls for this room.
- 20 Glass frameless, suspended partition. Basis-of-Design: 3Form #200.08 Simple Spec. See detail 11/A01-A913.
- 21 Security Glass Wall

LEGEND

- 1-hour fire-rated barrier (See Sheet A730 doors and window rating requirements). See details, 11 A800, 2 A903, 1 A903
 - Roof overhang or soffit above, typ.
 - 8" CMU wall. See Structural.
 - 10" and 12" CMU wall. See Structural.
 - Indicates Furring or cladding on wall. See Elevations
 - Exterior 2x8 wood stud wall.
 - Interior 2x6 wood stud wall. See Structural for bearing locations.
- Room name
101 Room tag, typ. See finish schedule on A731.
Window tag, typ. See window types on A740 and A741.
- 101 Door tag, typ. See door schedule on A730.
- Wall or door sign, see 26 A900
- Storefront glazing system. See Window Schedules, sheets A740/A741
- Automatic sliding door, see Door Schedule, Sheet A730.
- 5'-0" Accessible Clearance
- 30"x48" accessible clearance

GENERAL NOTES

- A. Exterior dimensions are measured from face of CMU and face of sheathing.
- B. Interior dimensions are measured from centerline of stud or face of stud, U.N.O.
- C. Dimensions with "MIN.", "CLR.", or "ABSOLUTE" are measured from face of wall finish.
- D. For accessible clearances, mounting heights and reach ranges, see detail 3 A900, 6 A900
- E. For door clearances and mounting heights, see detail 30 A900, 9 A900
- F. See Sheet G100 and G110 for Fire Extinguisher locations, see detail 18 A912

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PROJECT:
 Clovis Landmark Square
 Senior Activity Center and Transit Center
 735 Third Street, Clovis, CA 93612
SHEET: Senior Center - Overall Floor Plan

DRAWING SET INFORMATION:

06/19/2020	Plan Check Submittal
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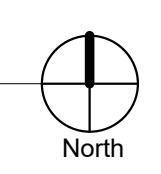
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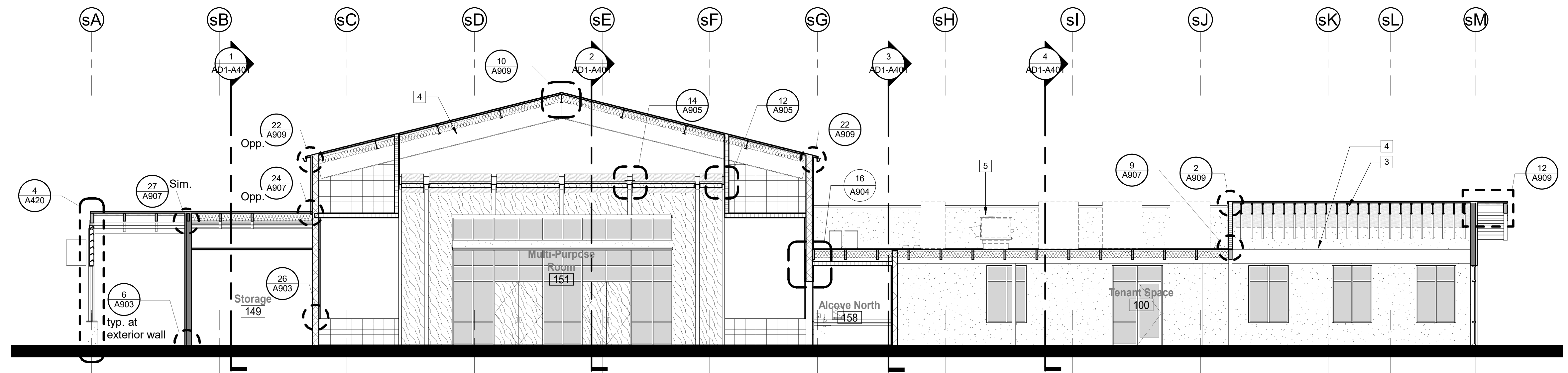
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2	10/8/2020	Addendum #1

PROJECT NUMBER:
2016-39

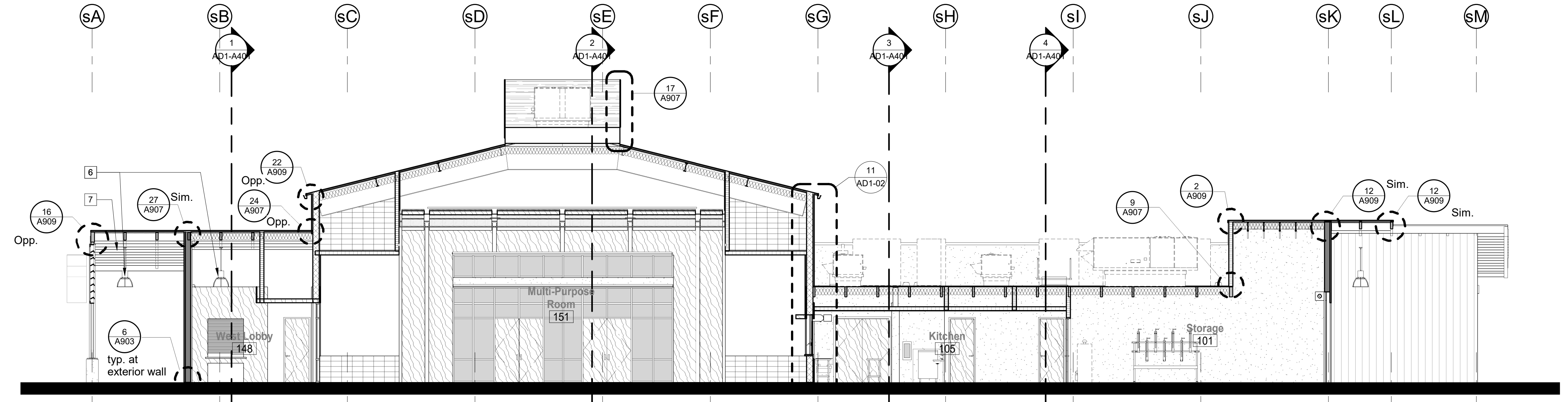
SHEET NUMBER:
AD1-A200

1 Senior Center - Overall Floor Plan
1/8" = 1'-0"

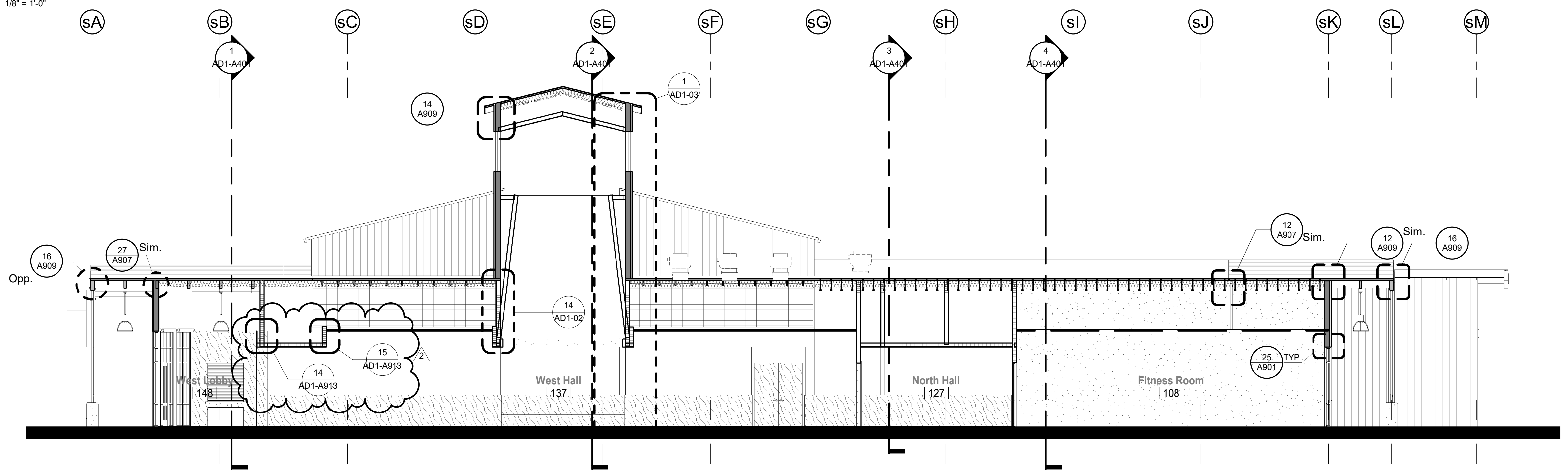




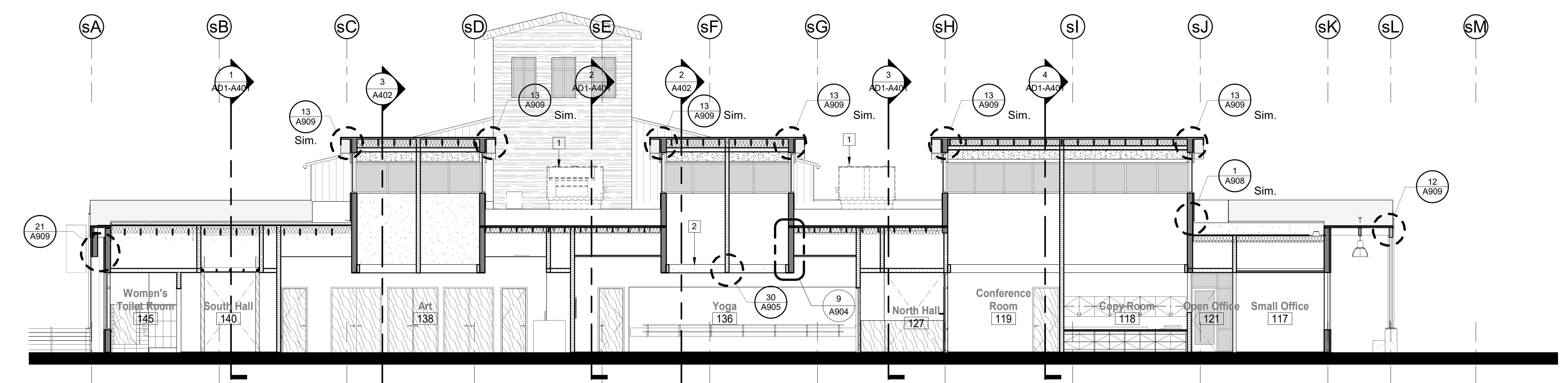
1 Senior Center - Building Section 01
1/8" = 1'-0"



2 Senior Center - Building Section 2
1/8" = 1'-0"



3 Senior Center - Building Section 3
1/8" = 1'-0"



4 Senior Center - Building Section 4
1/8" = 1'-0"

KEYNOTES

- 1 Mechanical equipment; see Mechanical plans.
- 2 Shelf for light fixture, typ. at all lightwells and towers.
- 3 Roof structure per structural drawings.
- 4 Beam; see Structural plans.
- 5 Mechanical equipment per mechanical drawings.
- 6 Light fixture per Electrical drawings.
- 7 Metal Sunscreen system.

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PROJECT:
 Clovis Landmark Square
 Senior Activity Center and Transit Center
 735 Third Street, Clovis, CA 93612
SHEET: Senior Center - Building Sections

DRAWING SET INFORMATION:

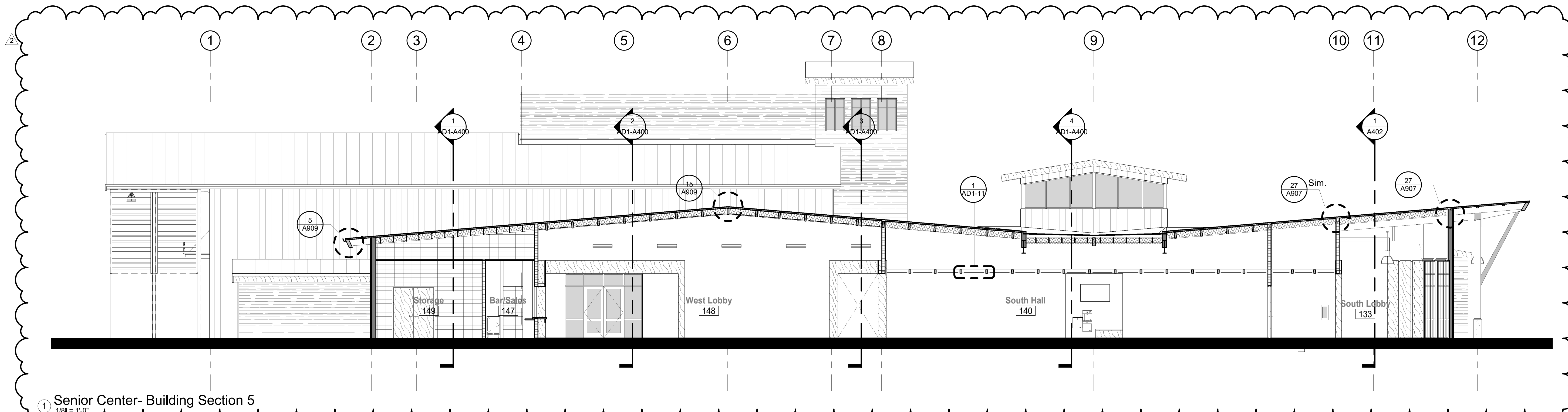
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REVISIONS:

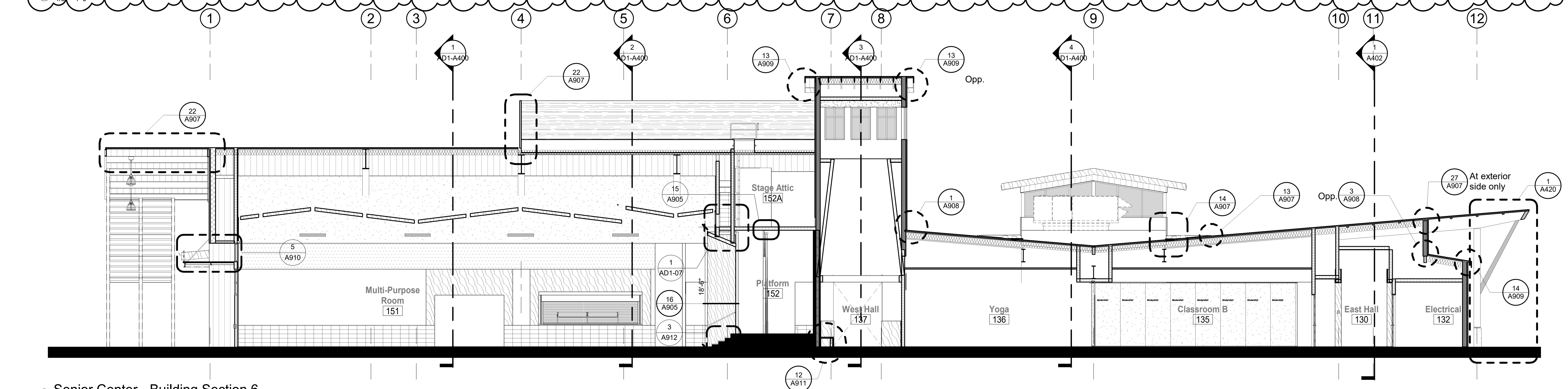
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2	10/8/2020	Addendum #1

PROJECT NUMBER:
2016-39

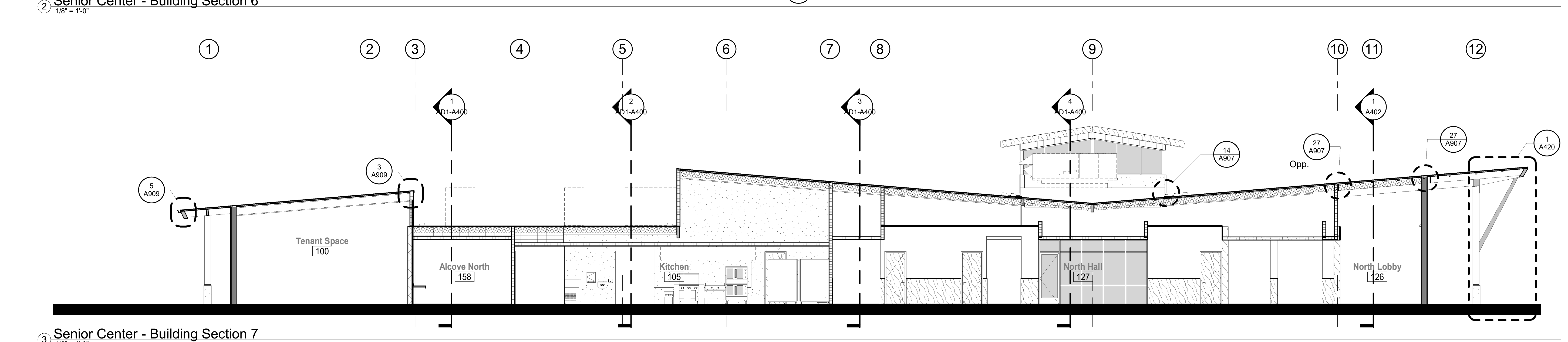
SHEET NUMBER:
AD1-A400



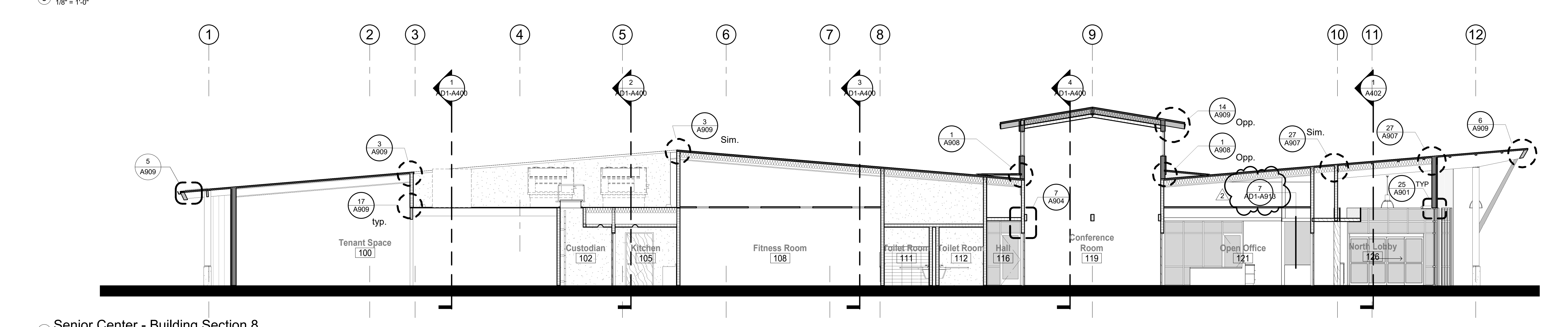
1 Senior Center- Building Section 5
1/8" = 1'-0"



2 Senior Center - Building Section 6
1/8" = 1'-0"



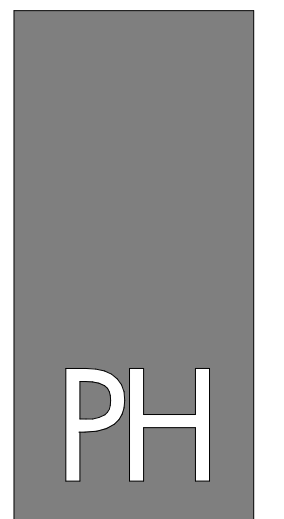
3 Senior Center - Building Section 7
1/8" = 1'-0"



4 Senior Center - Building Section 8
1/8" = 1'-0"

KEYNOTES

□



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

SHEET: Senior Center - Building Sections

DRAWING SET INFORMATION:

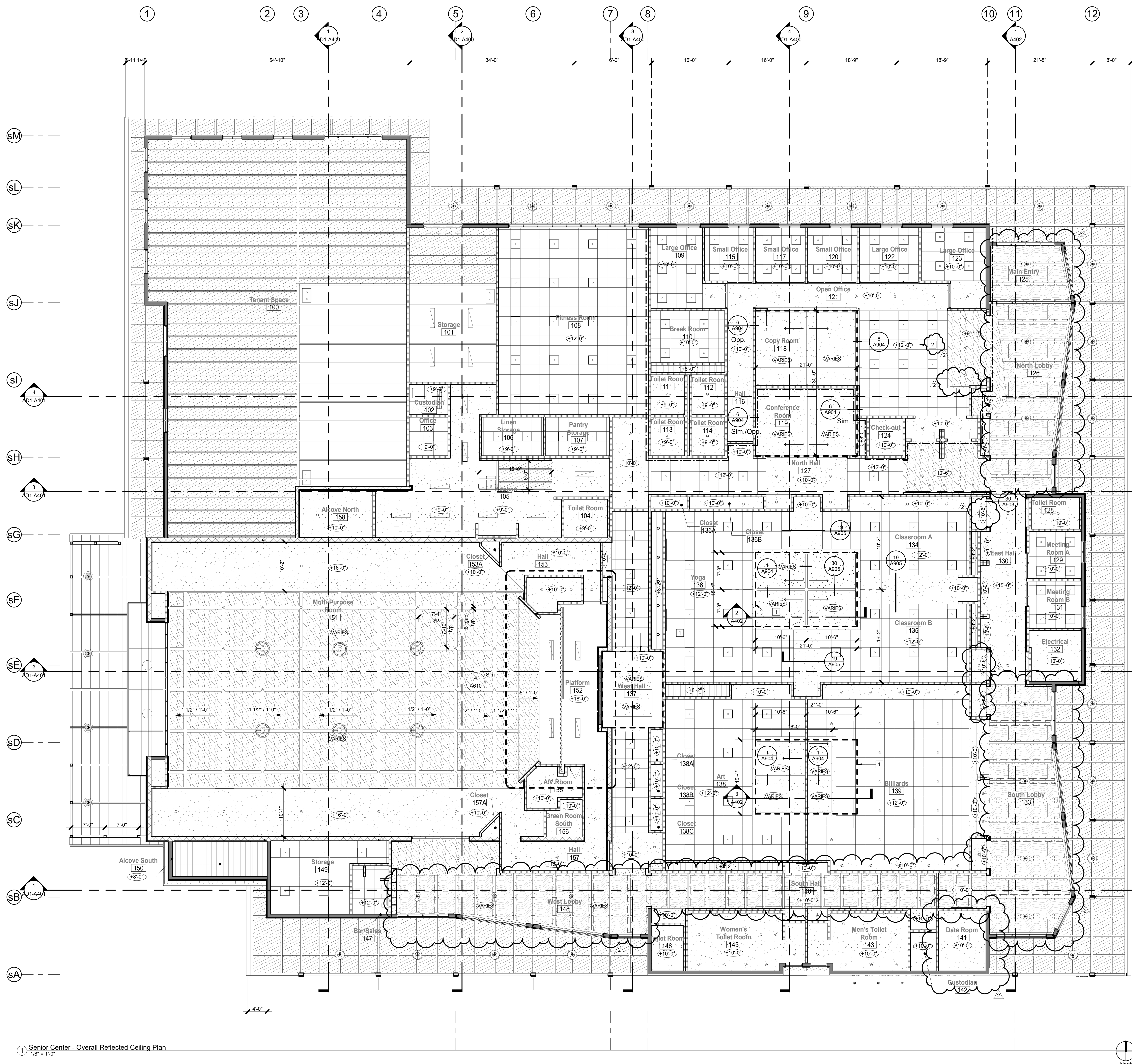
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REVISIONS:

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

PROJECT NUMBER:
2016-39

SHEET NUMBER:
AD1-A401



KEYNOTES

- 1 Dashed line indicates perimeter of roof opening
- 2 Glass frameless, suspended partition. Basis-of-Design: 3Form #200.08 Simple Spec. See detail 11/AD1-A913.

RCP LEGEND

- TYPE A
Exposed Metal Deck. Paint exterior exposed roof framing and exterior deck. See structural.
- TYPE B
Interior: Wood Panel Ceiling System. Stain and finish.
Exterior: Stain and Finish exterior exposed ceiling framing members and exterior plywood sheathing.
- TYPE C
Exposed Roof Structure with interior wood panel. Stain and Finish roof framing and interior panel. R-30 faced batt insulation on interior between framing members.
- TYPE D
Gypsum Wall Board (Paint)
- TYPE E
Suspended Acoustical Ceiling System. See Specification Section 09 51 13

- Window Tag. See Window Schedule on A701
- Storefront Window Tag. See Window Schedule on A701
- Ceiling elevation height.

- MECHANICAL SYMBOLS**
Refer to Mechanical Drawings for location and size.
- Supply register, see mech. dwgs.
 - Return register, see mech. dwgs.
 - Exhaust register, see mech. dwgs.

- ELECTRICAL SYMBOLS**
Refer to Electrical Drawings for location and size.
- 2X2 lay-in light fixture, see elec. dwgs.
 - Pendant light fixture, see elec. dwgs.
 - Recessed down light, see elec. dwgs.
 - Illuminated exit sign, see elec. dwgs.
 - Pendant light, see elec. dwgs.

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PROJECT:
Clovis Landmark Square Senior Activity Center and Transit Center
735 Third Street, Clovis, CA 93612
SHEET: Senior Center - Reflected Ceiling Plan

DRAWING SET INFORMATION:

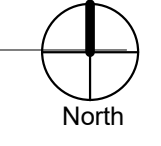
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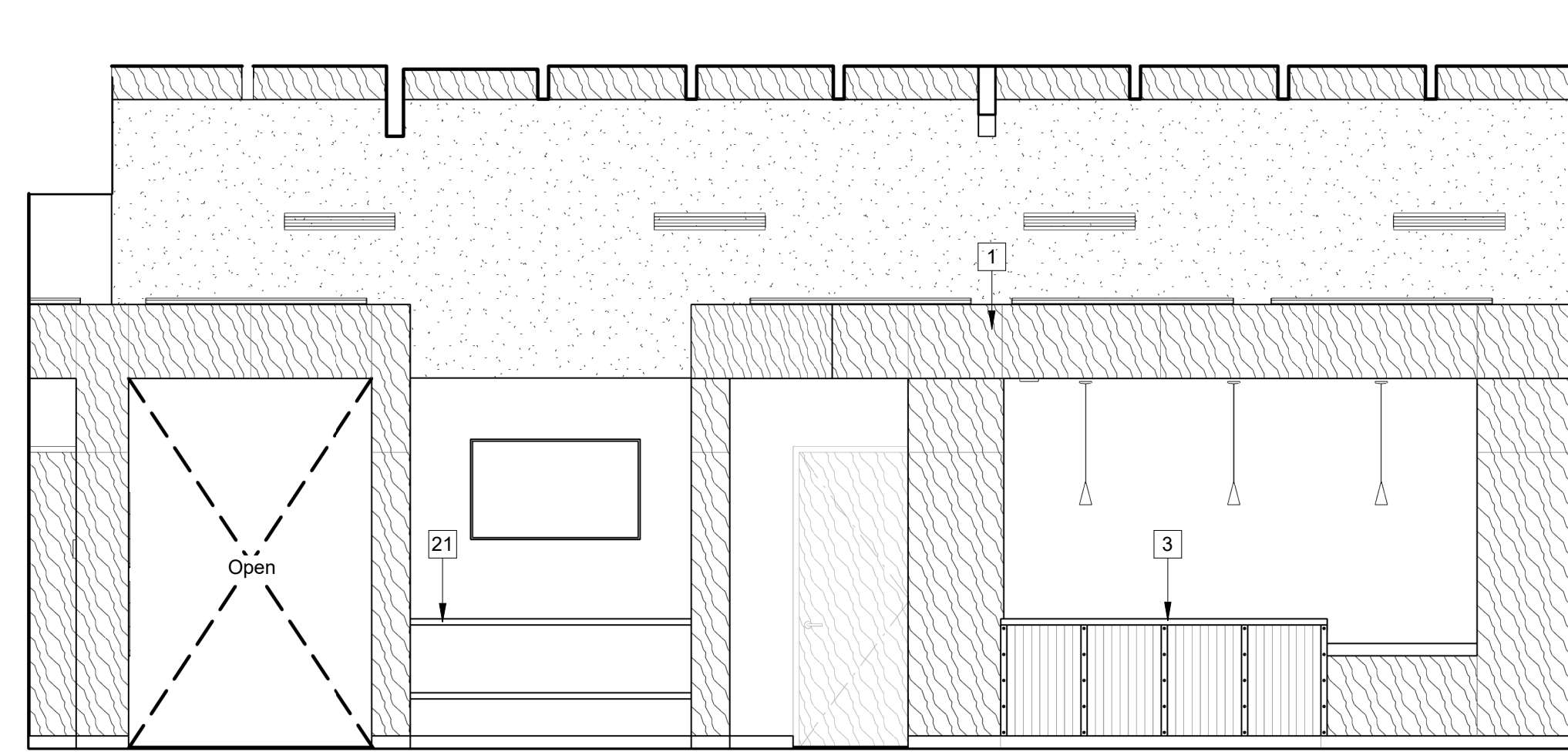
REVISIONS:

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2	10/8/2020	Addendum #1

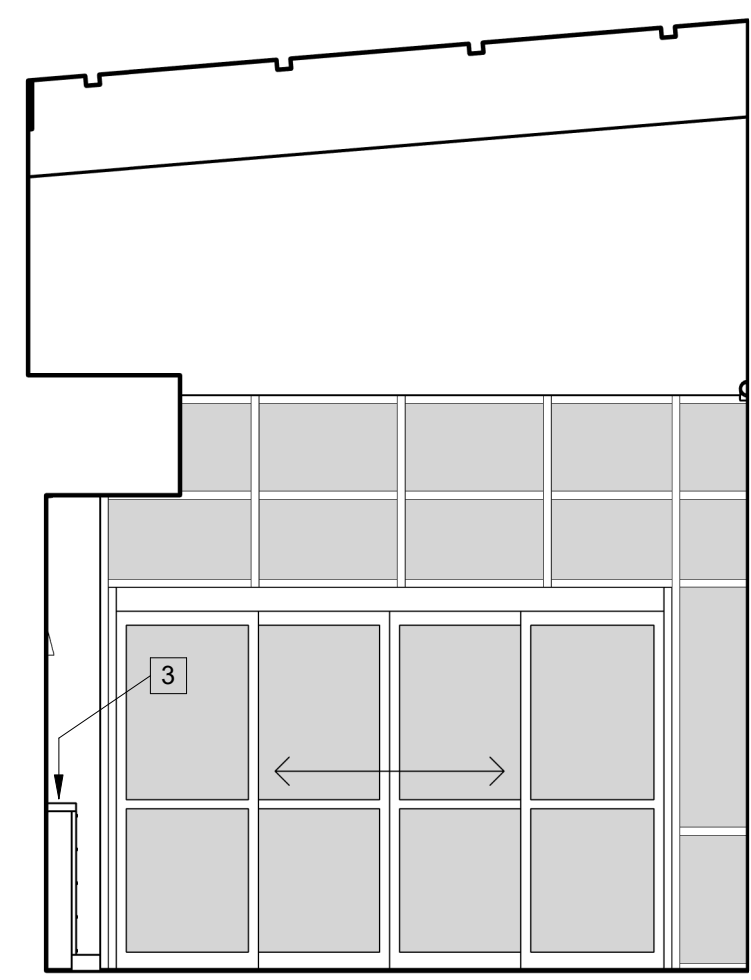
PROJECT NUMBER:
2016-39
SHEET NUMBER:
AD1-A600

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

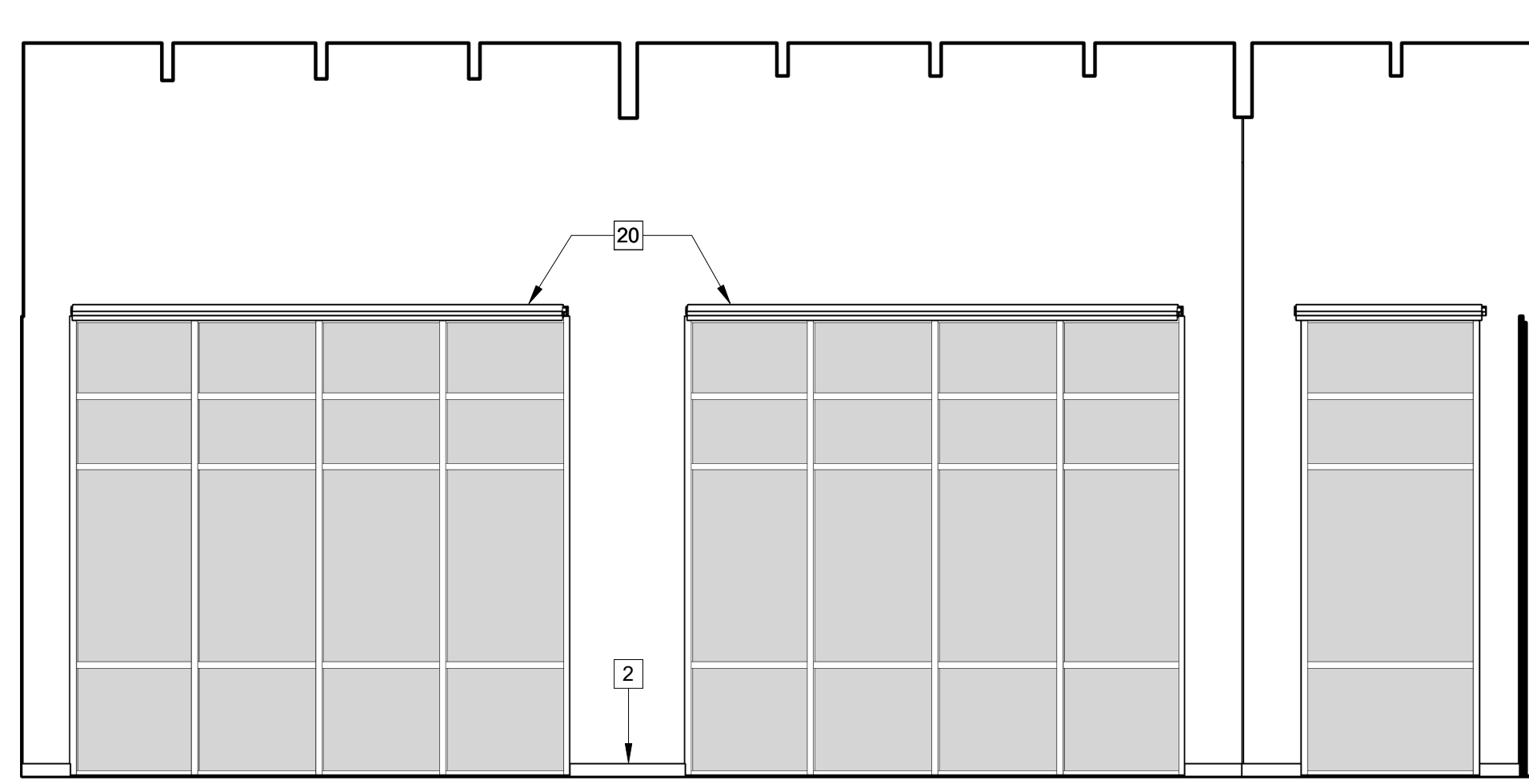




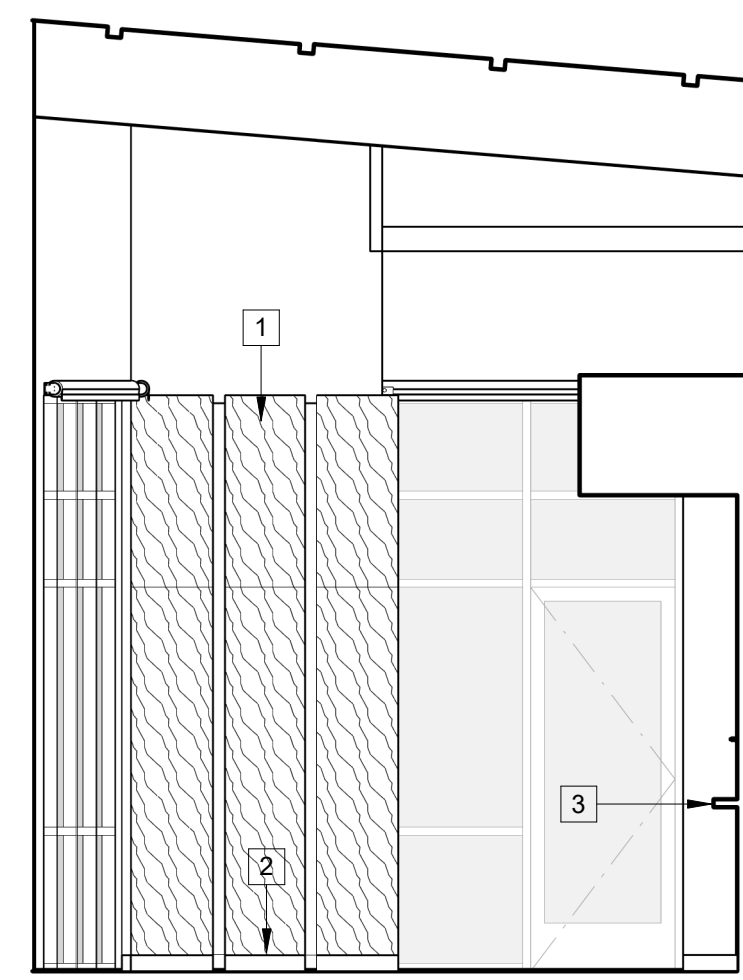
1 126 North Lobby - a
1/4" = 1'-0"



2 126 North Lobby - b
1/4" = 1'-0"



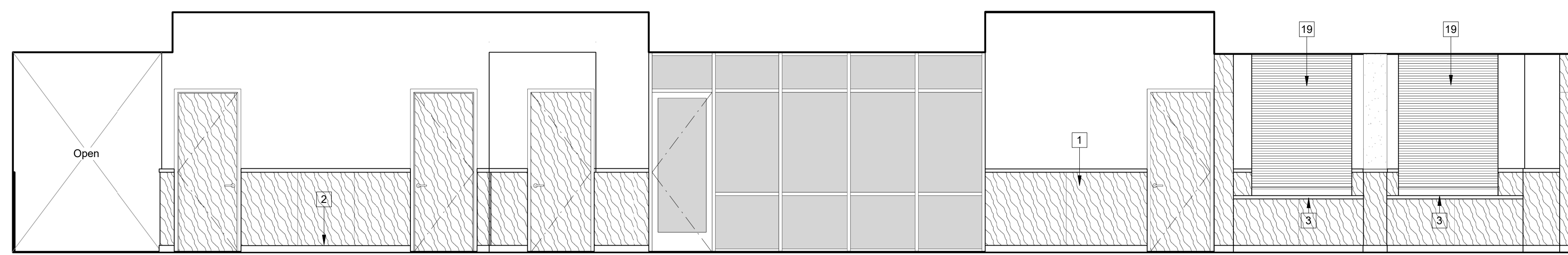
3 126 North Lobby - c
1/4" = 1'-0"



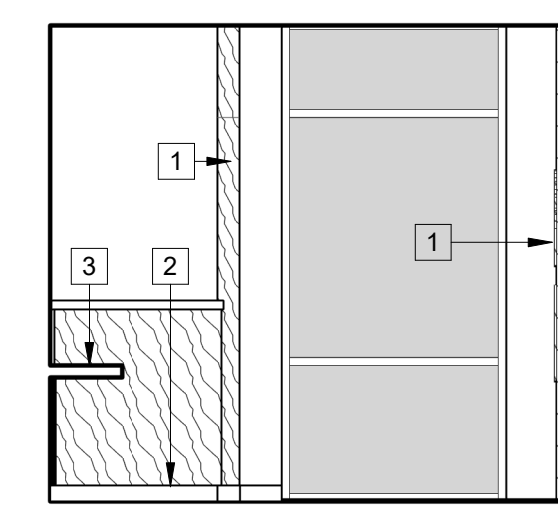
4 126 North Lobby - d
1/4" = 1'-0"

KEYNOTES

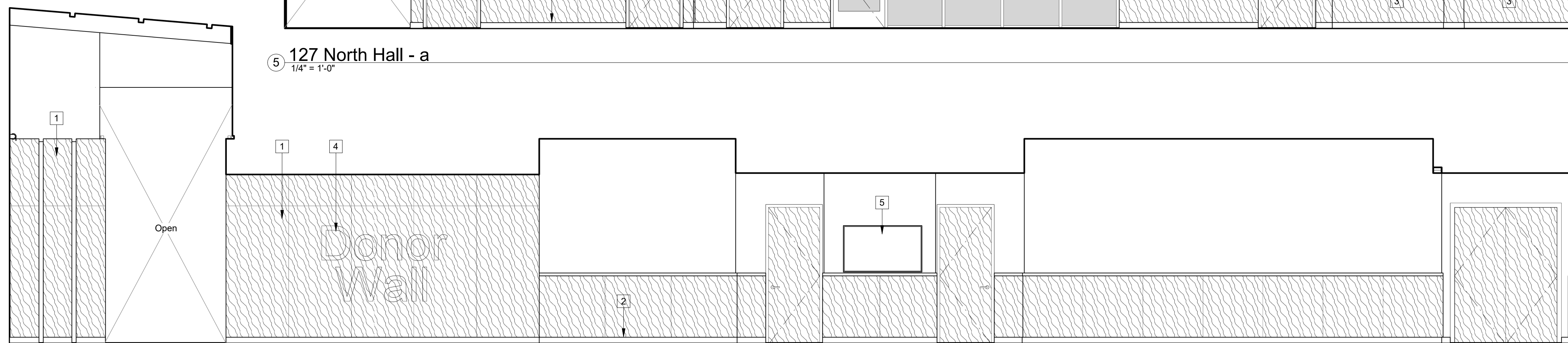
- 1 Wood paneling. See Finish Schedules, (A700 sheets)
- 2 Wall base. Typ. See finish schedule sheet A731
- 3 Built-in reception desk. See casework details sheet A911.
- 4 Donor Wall. Finish with wood paneling only. Owner to provide exhibit.
- 5 TV mount, typ. Provide mount and blocking within wall. See specification section 115270.
- 6 6'-High ceramic tile wainscot. See ceramic tile patterns sheet A721.
- 7 Wall-hung lavatory, see interior elevations and plumbing drawings.
- 8 Grab bar, see interior elevations.
- 9 Toilet, see interior elevations and plumbing drawings.
- 10 Wall mounted mirror, typ. see specification section 102800
- 11 Paper towel dispenser / disposal comb., typ. see specification section 102800
- 12 Sanitary cove base. Typ. See finish schedule sheet A731
- 13 Sanitary napkin disposal, typ. see specification section 102800
- 14 Toilet tissue dispenser, typ. see specification section 102800
- 15 Seat cover dispenser, typ. see specification section 102800
- 16 Art by Owner. For reference only.
- 17 Built-in shelving
- 18 Drinking fountain.
- 19 Roll-up door: see Door Schedule, Sheet A740.
- 20 Electric Roller Shade System, typ. See specification section 122413
- 21 Built-in custom shelving, typ.
- 22 Casework; see Interior Elevations, A800 Sheets & Casework Details Sheet A911.



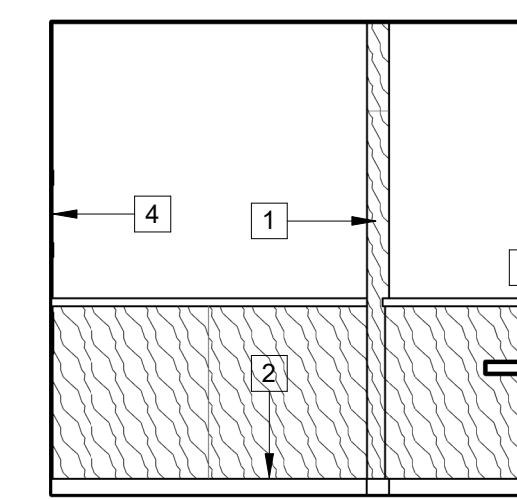
5 127 North Hall - a
1/4" = 1'-0"



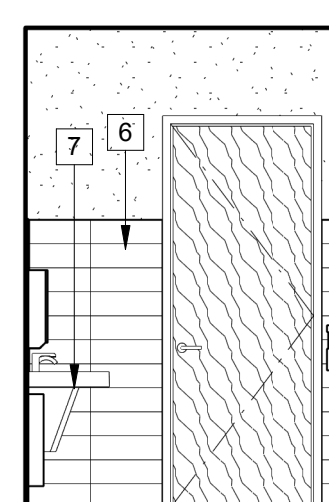
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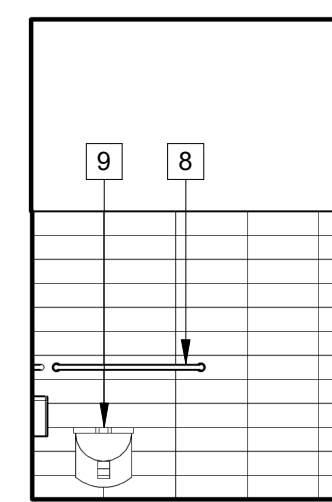
7 127 North Hall - c
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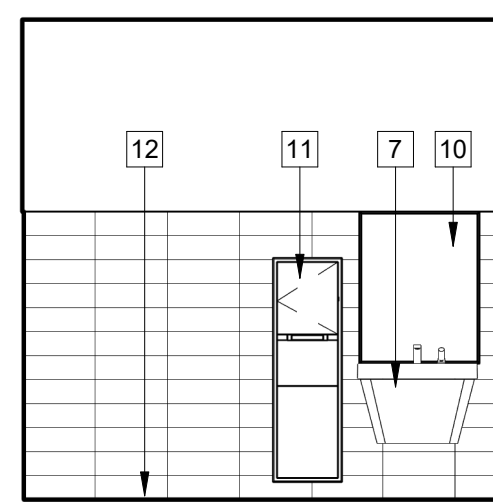
8 127 North Hall - d
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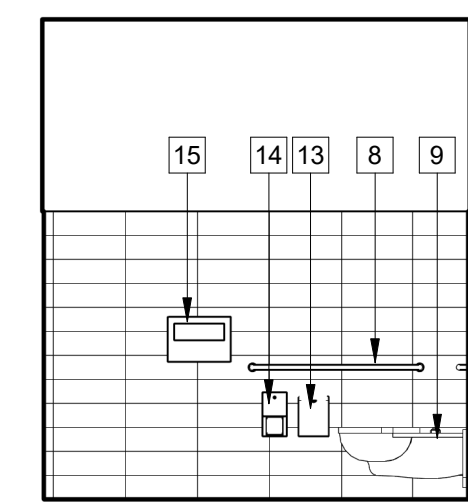
9 128 Toilet Room - a
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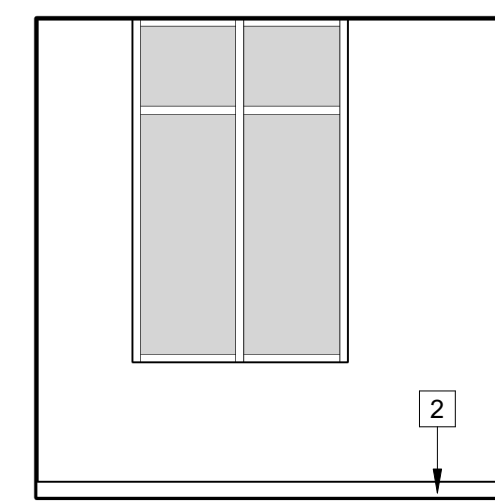
10 128 Toilet Room - b
1/4" = 1'-0"



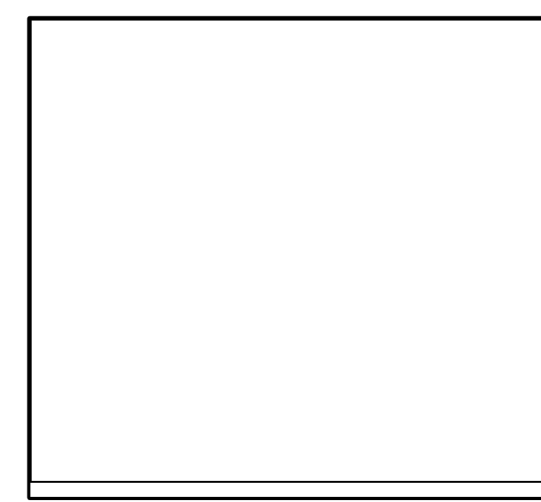
11 128 Toilet Room - c
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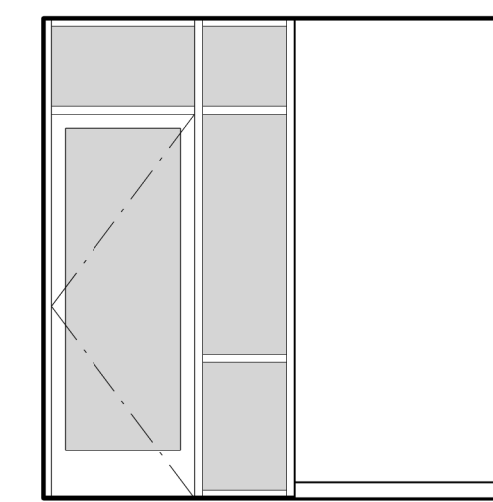
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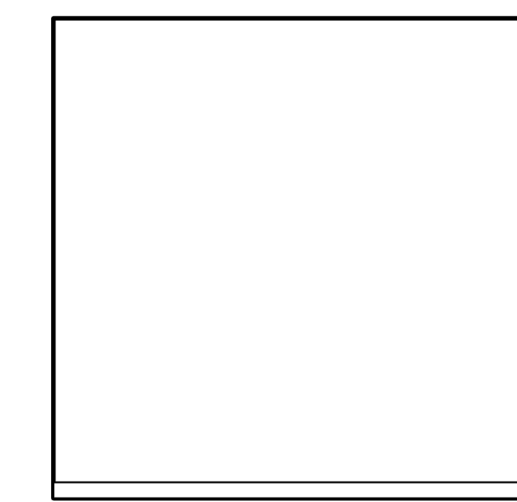
13 129 Meeting Room - a
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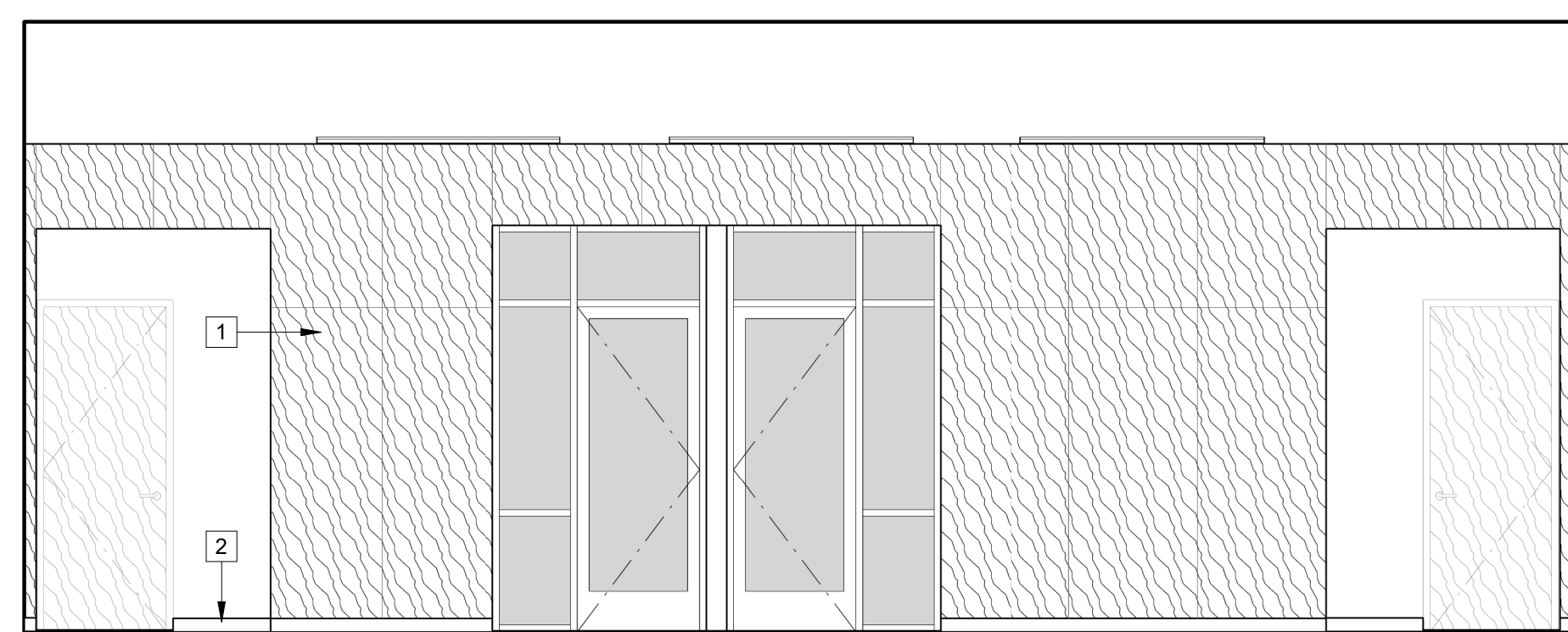
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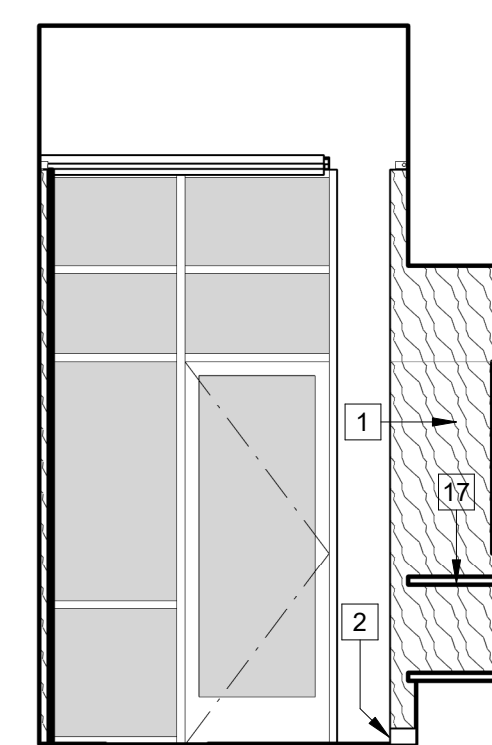
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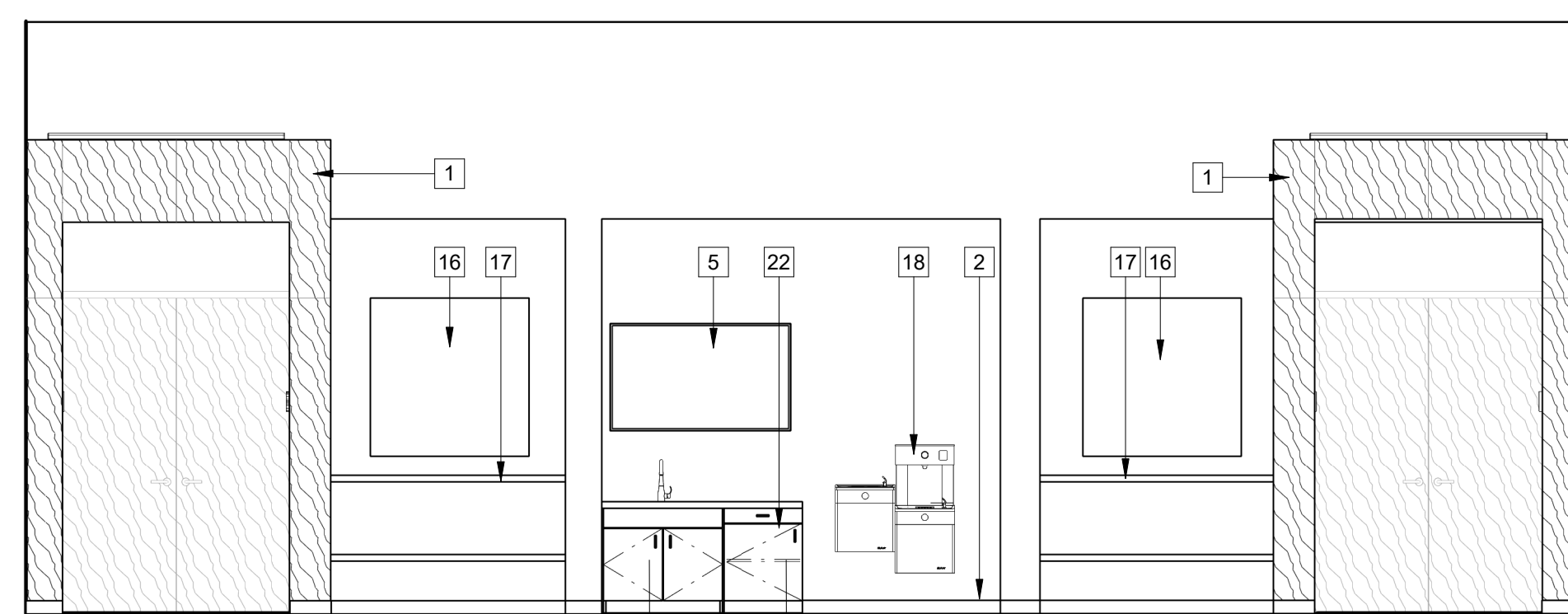
16 129 Meeting Room - d
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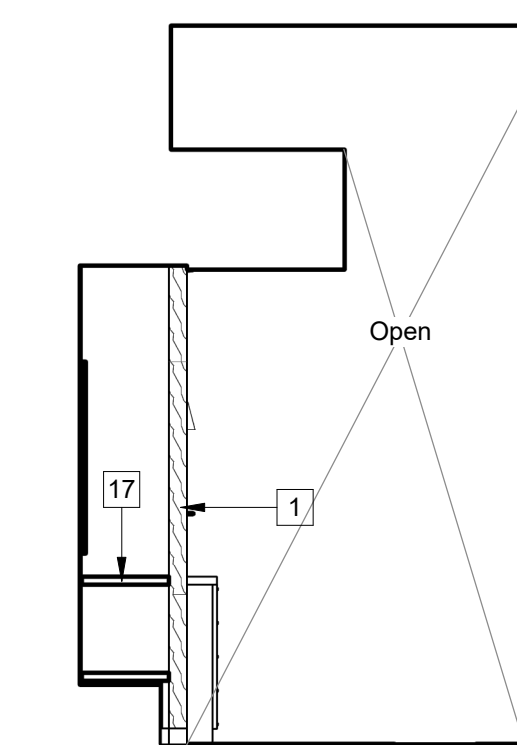
17 130 East Hall - a
1/4" = 1'-0"



18 130 East Hall - b
1/4" = 1'-0"



19 130 East Hall - c
1/4" = 1'-0"



20 130 East Hall - d
1/4" = 1'-0"

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

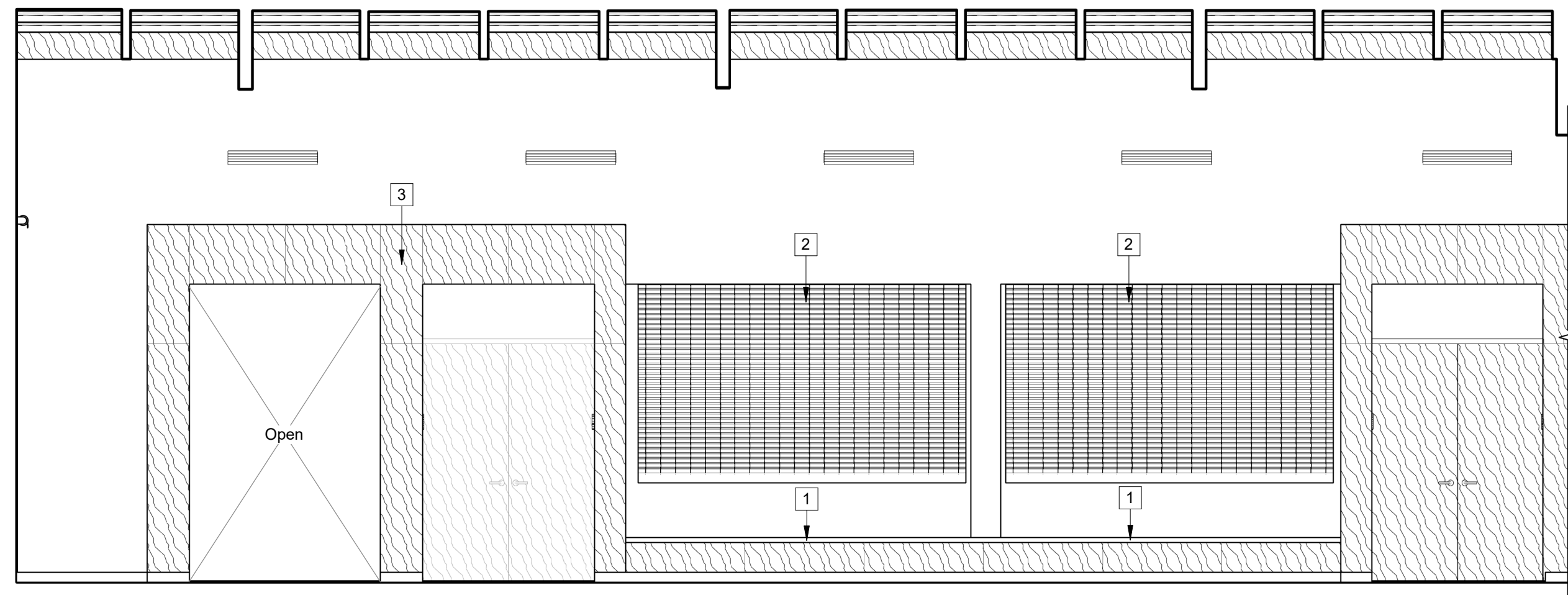
PROJECT NUMBER:
2016-39

SHEET NUMBER:
AD1-A802

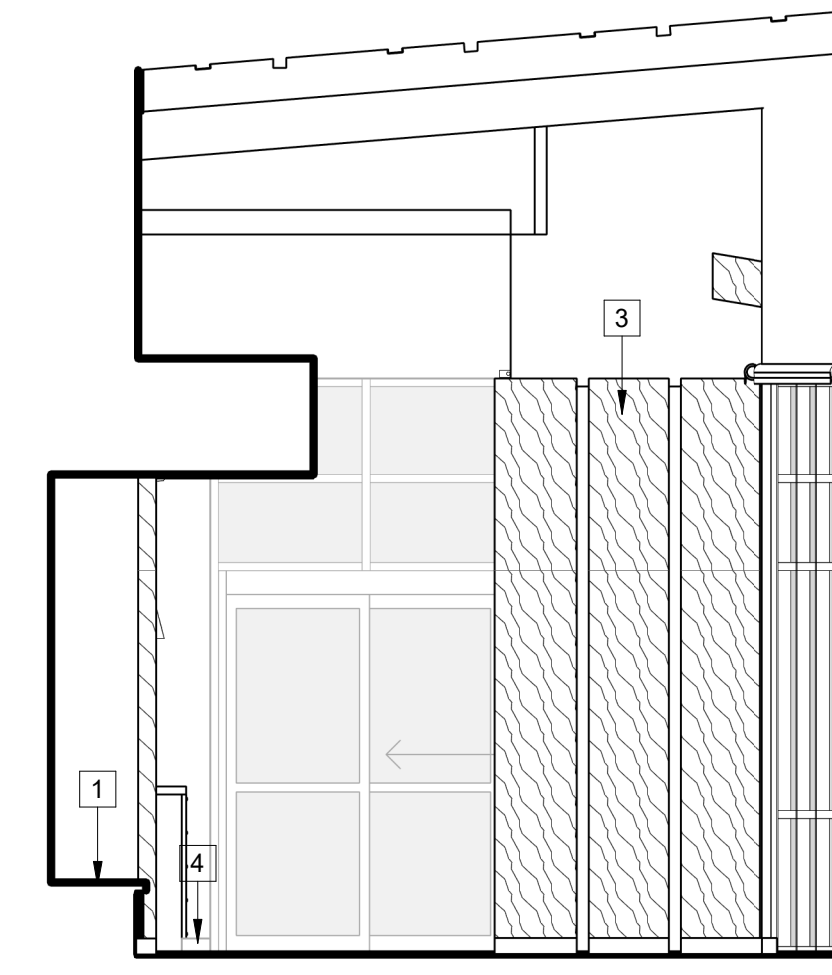
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 PAUL NELSON HALAJIAN
 No. C20194
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 STATE OF CALIFORNIA

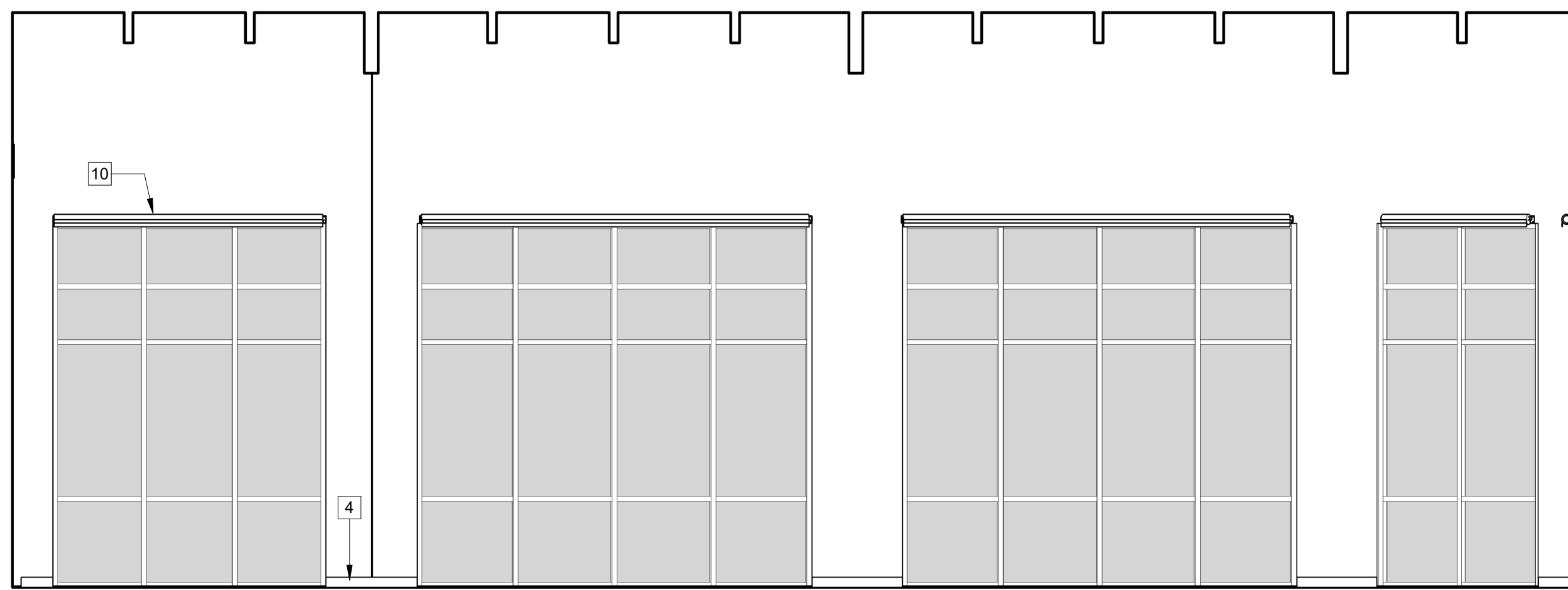
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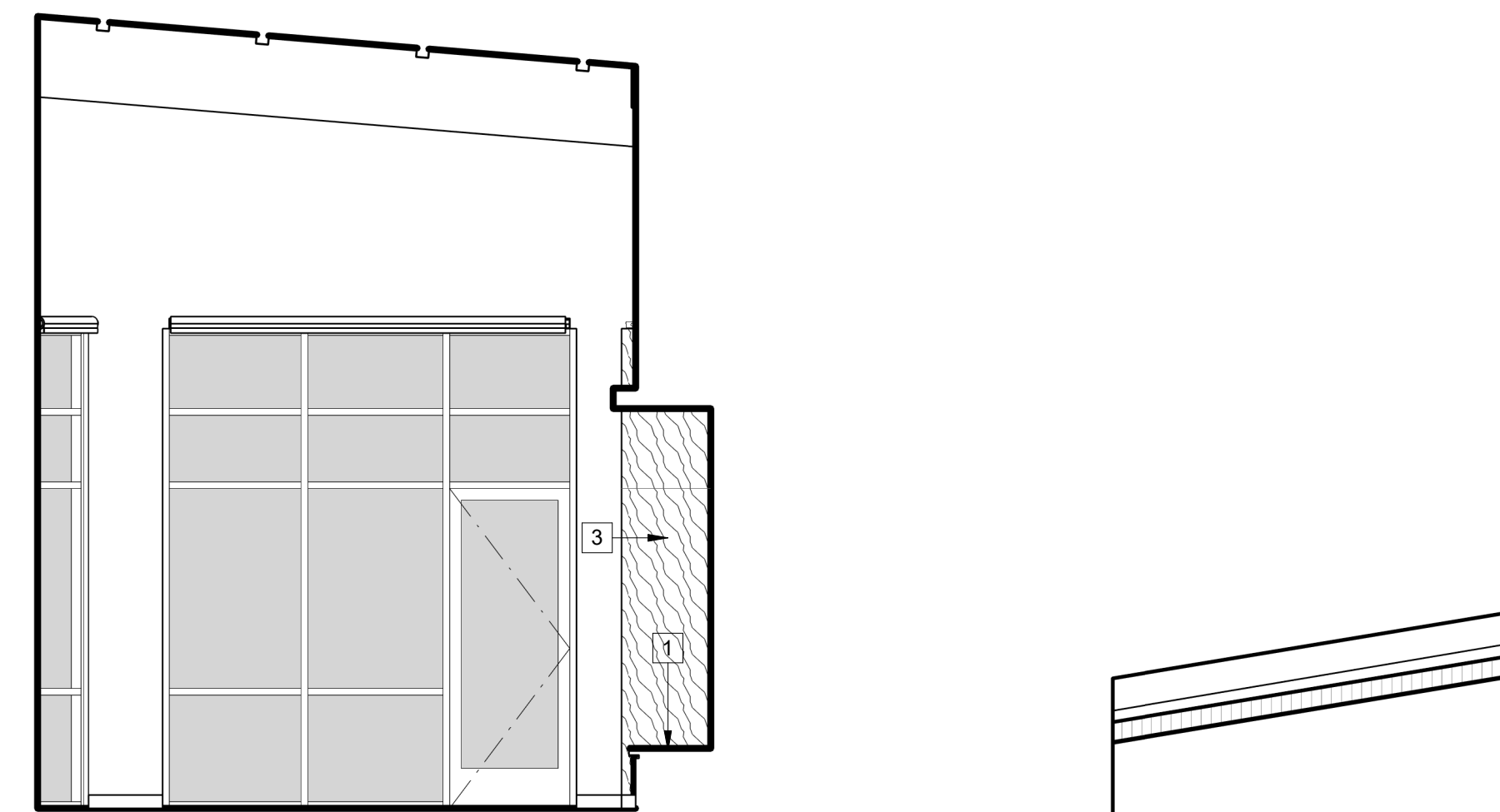
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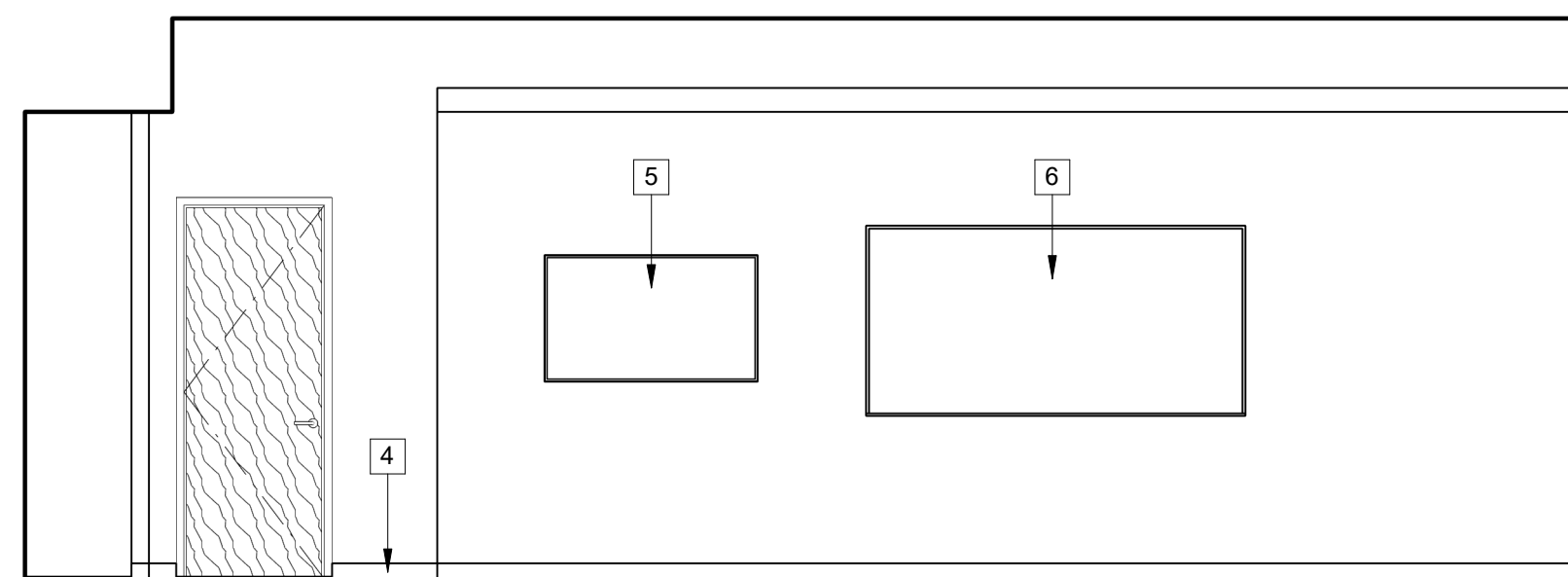
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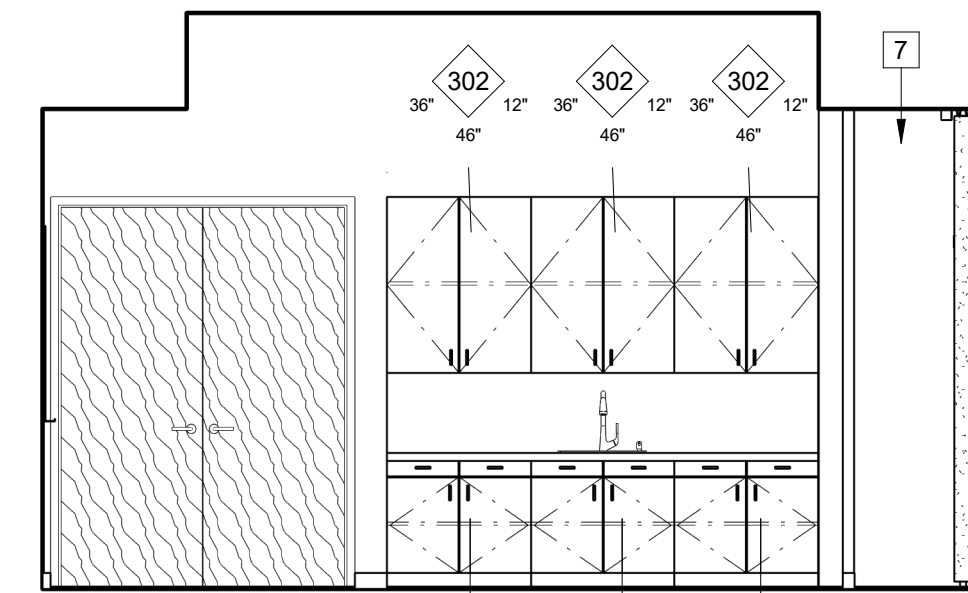
3 133 South Lobby - c
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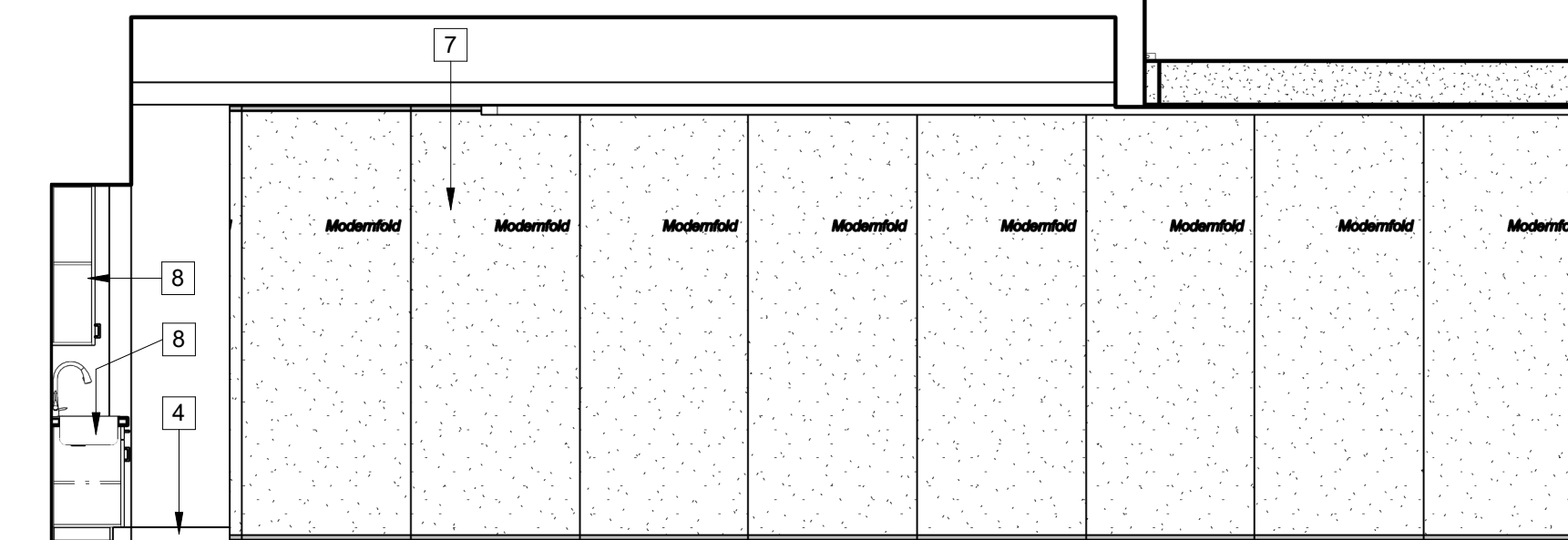
4 133 South Lobby - d
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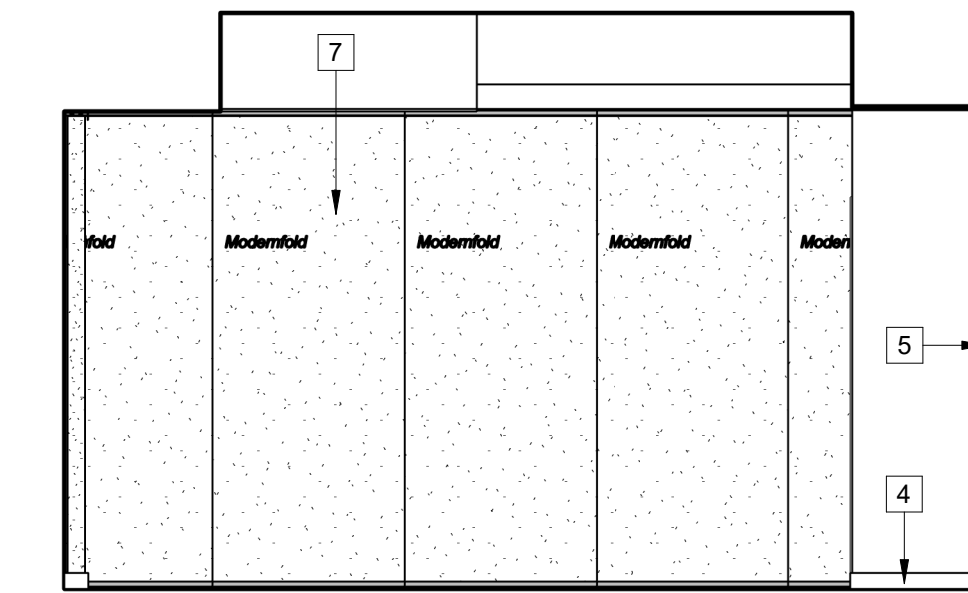
5 134 Classroom A - a
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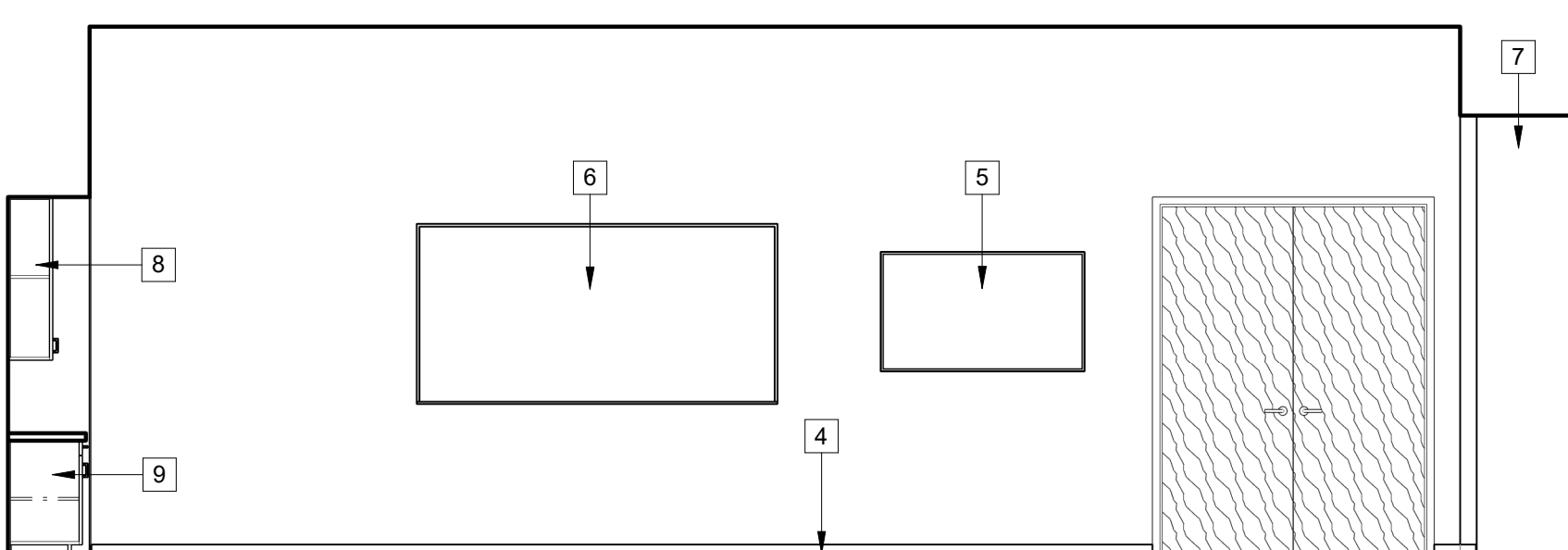
6 134 Classroom A - b
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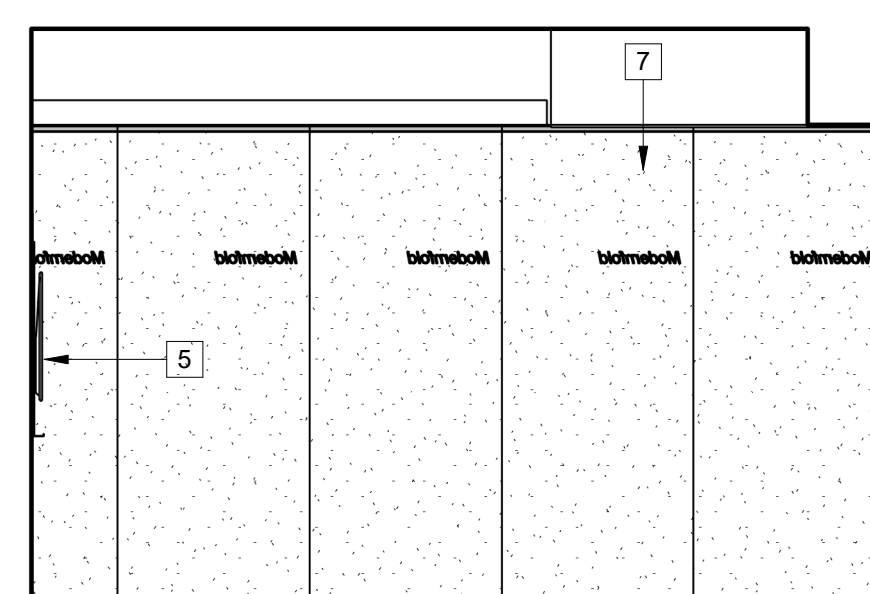
7 134 Classroom A - c
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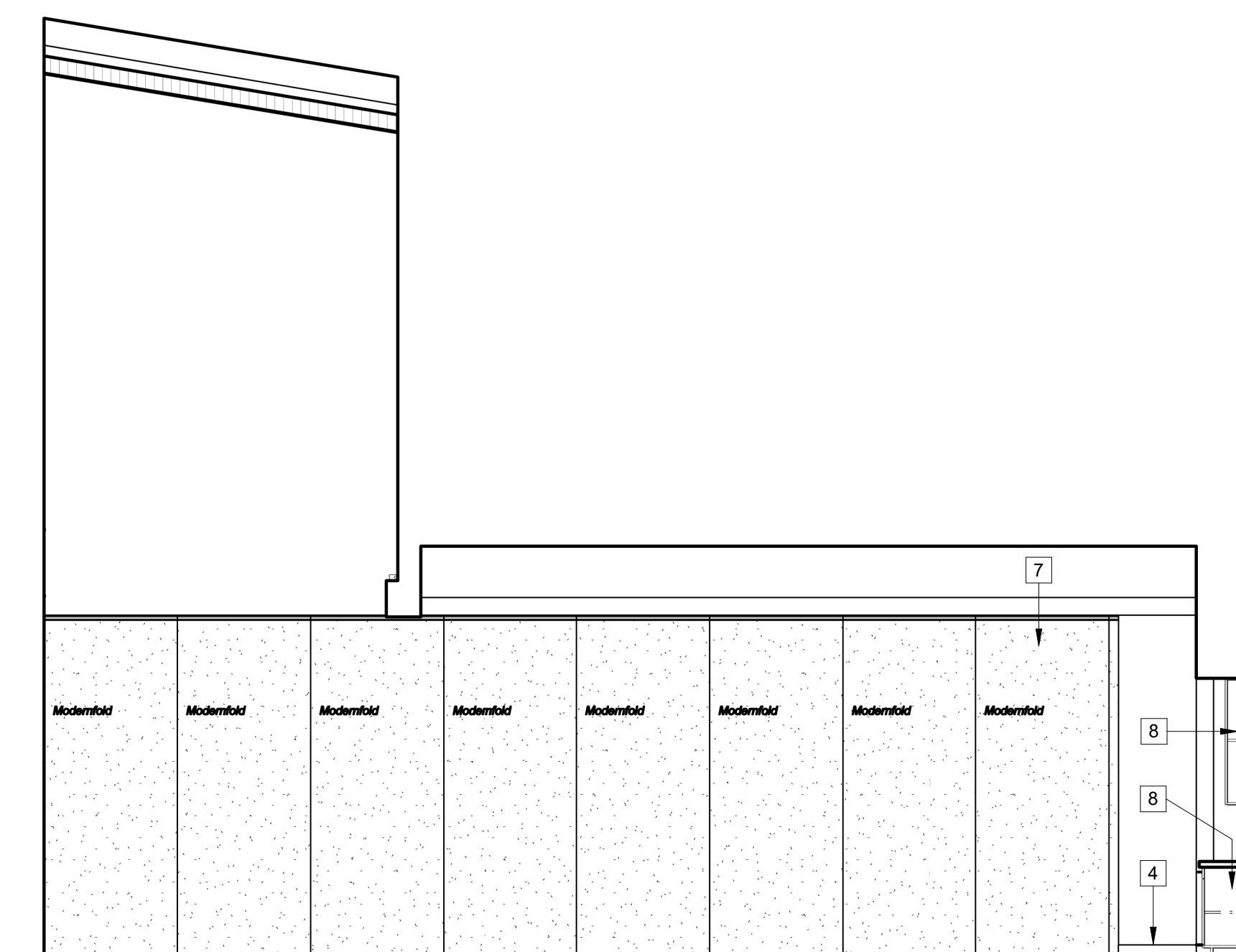
8 134 Classroom A - d
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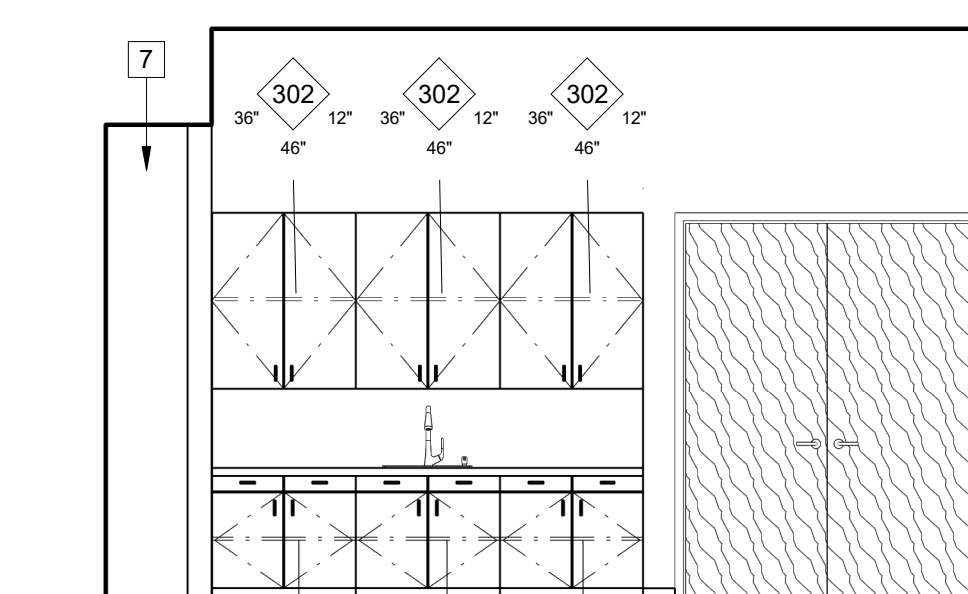
9 135 Classroom B - a
1/4" = 1'-0"



10 135 Classroom B - b
1/4" = 1'-0"



11 135 Classroom B - c
1/4" = 1'-0"



12 135 Classroom B - d
1/4" = 1'-0"

KEYNOTES

- 1 Raised seating. See casework details sheet A011
- 2 Security Grille. See Door schedules (A700 sheets)
- 3 Wood paneling. See Finish Schedules, (A700 sheets)
- 4 Wall base. Typ. See finish schedule sheet A731
- 5 TV mount. Typ. Provide mount and blocking within wall. See specification section 115270.
- 6 Marker Board. See detail 14/A912
- 7 Operable wall partition; see Reflected Ceiling Plan, A600 Sheets.
- 8 Casework; see Interior Elevations, A800 Sheets & Casework Details Sheet A911.
- 9 Built-in custom shelving. typ.
- 10 Electric Roller Shade System. typ. See specification section 122413



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DRAWING SET INFORMATION:

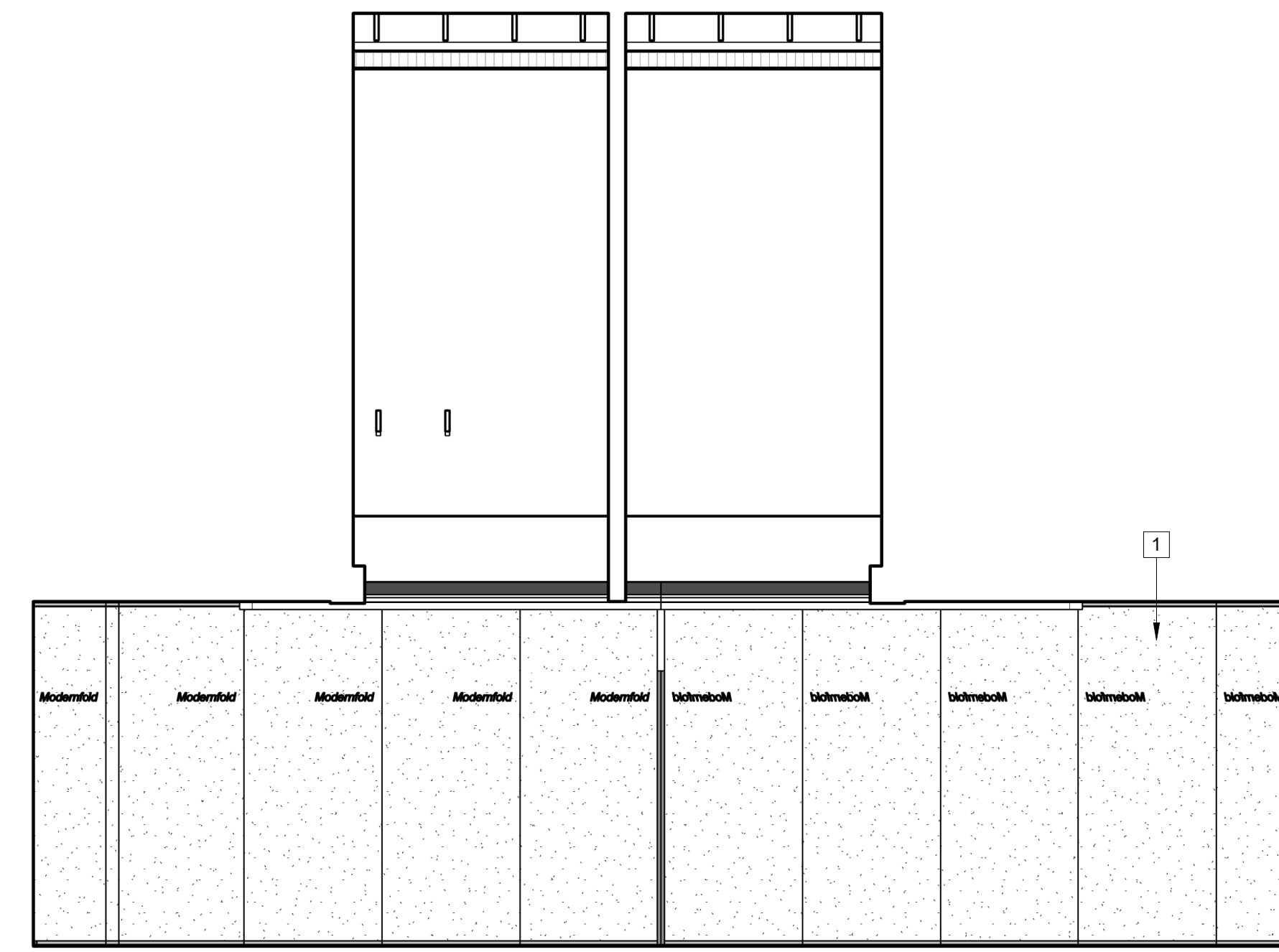
06/19/2020	Plan Check Submittal
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REVISIONS:

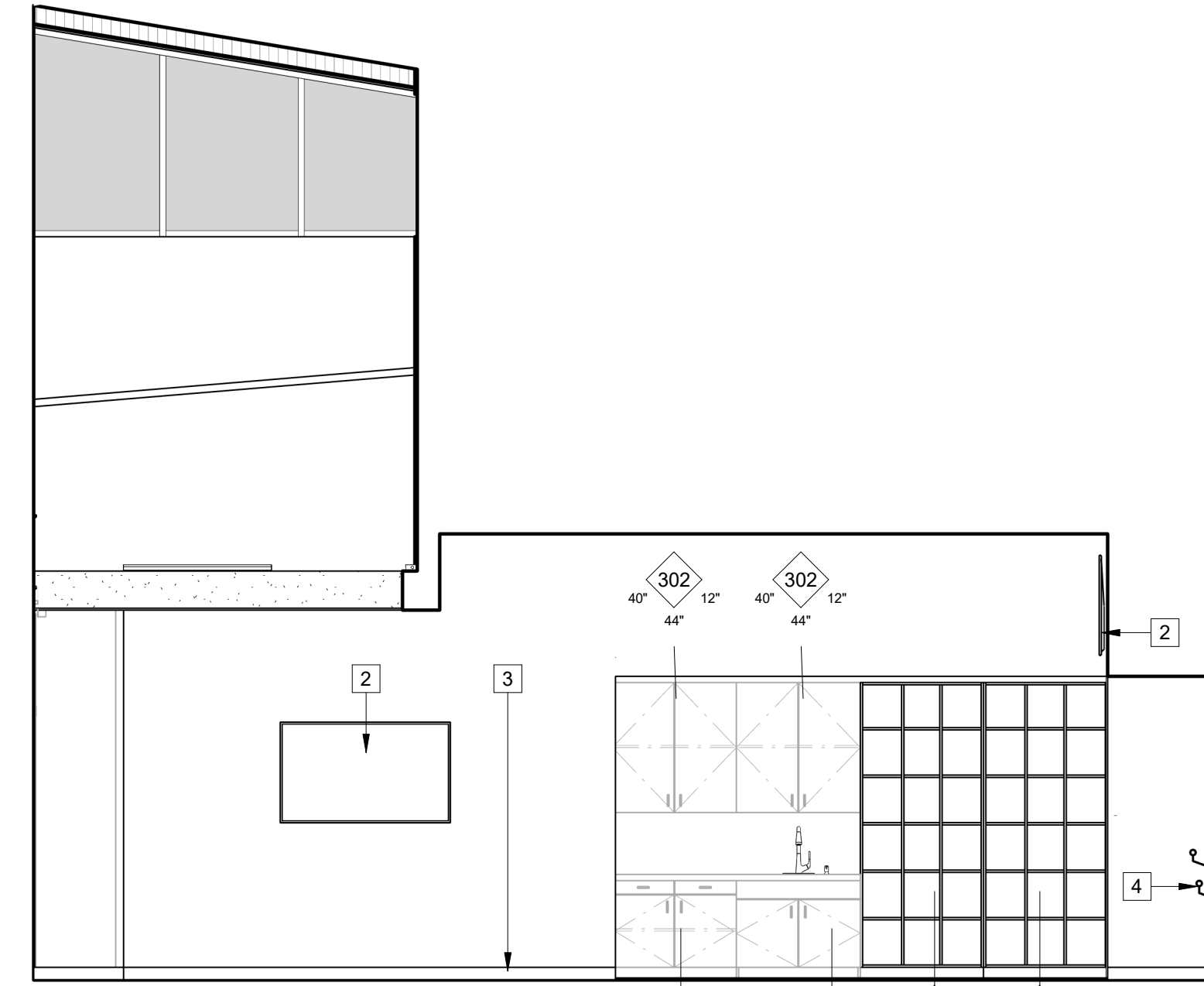
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2	10/8/2020	Addendum #1

PROJECT NUMBER:
2016-39

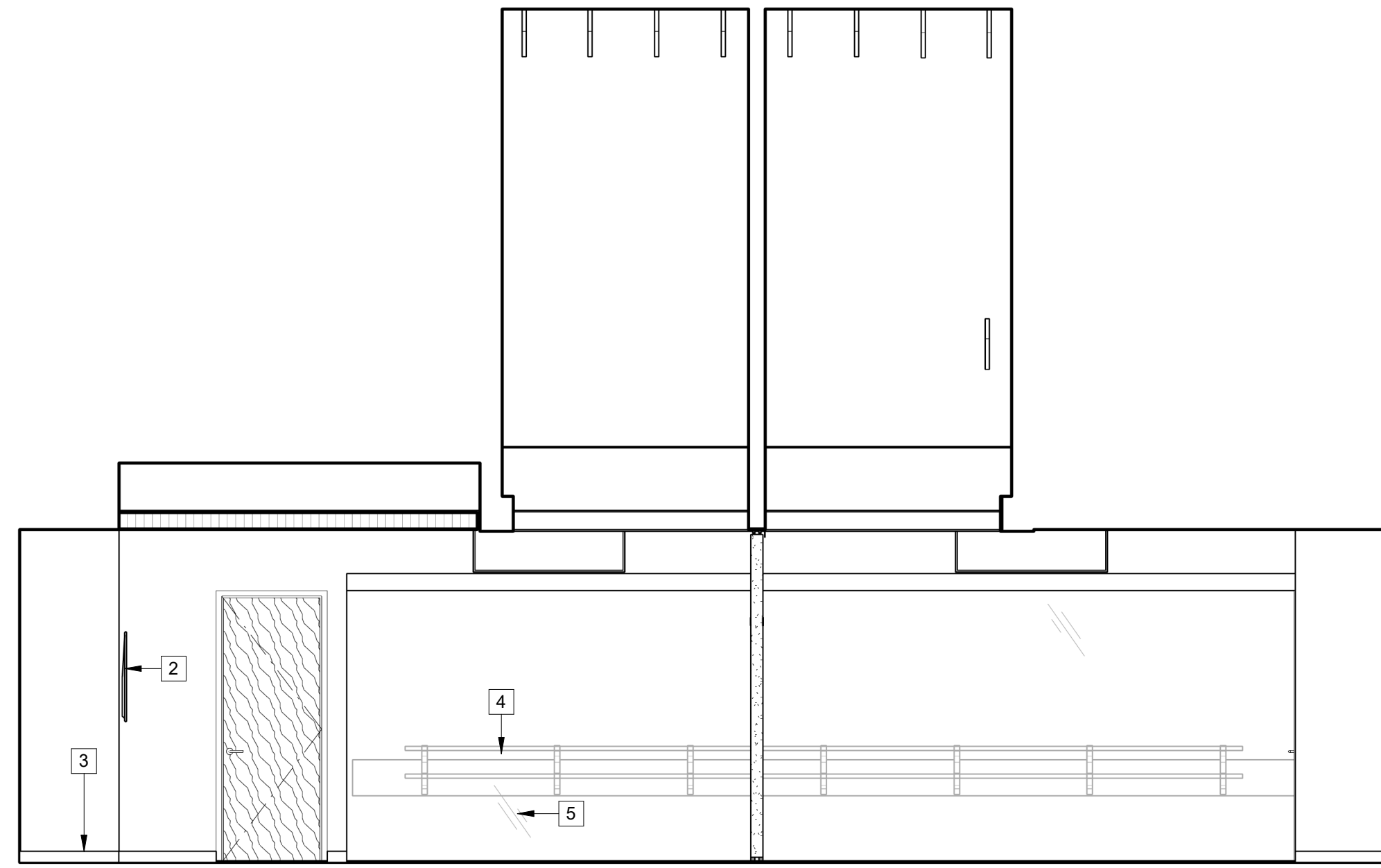
SHEET NUMBER:
AD1-A803



1 1/4" = 1'-0"



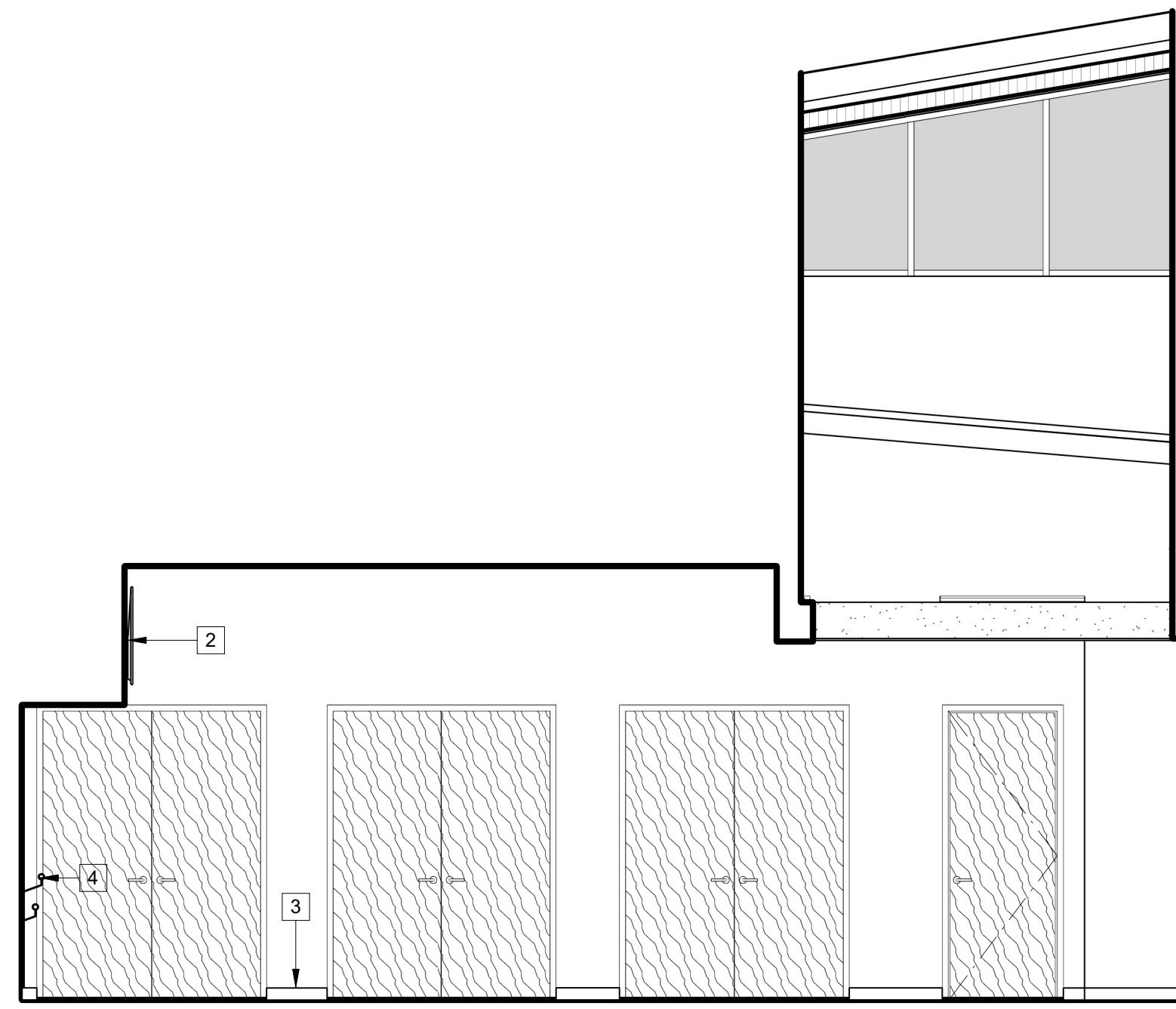
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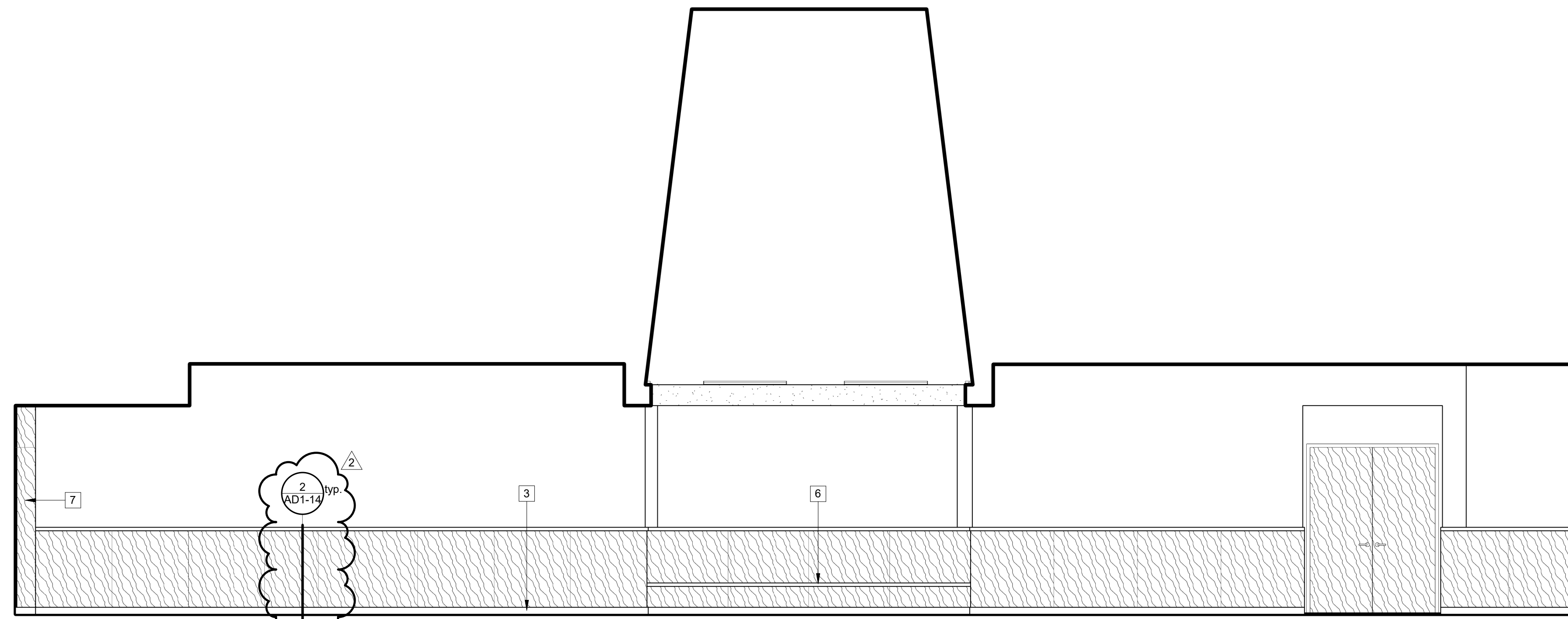
3 1/4" = 1'-0"

KEYNOTES

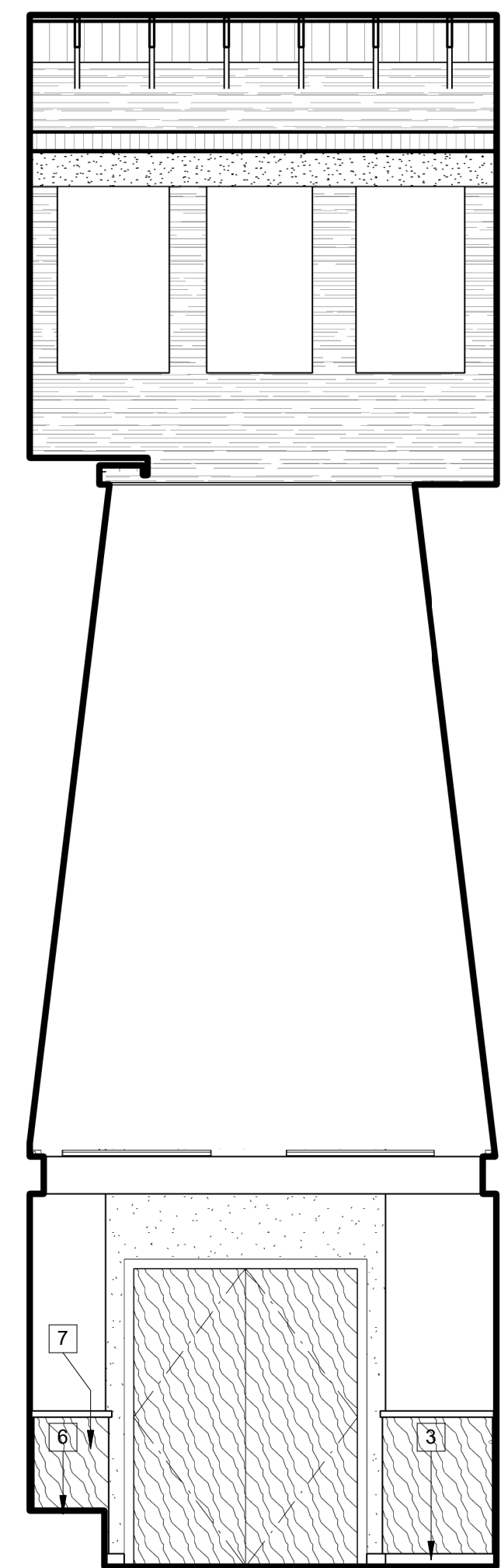
- 1 Operable wall partition; see Reflected Ceiling Plan, A600 Sheets.
- 2 TV mount, typ. Provide mount and blocking within wall. See specification section 115270.
- 3 Wall base, Typ. See finish schedule sheet A731
- 4 Baller double bar; see detail 20A911
- 5 Wall mounted mirror, typ. see specification section 102800
- 6 Raised seating. See casework details sheet A911
- 7 Wood paneling. See Finish Schedules, (A700 sheets)



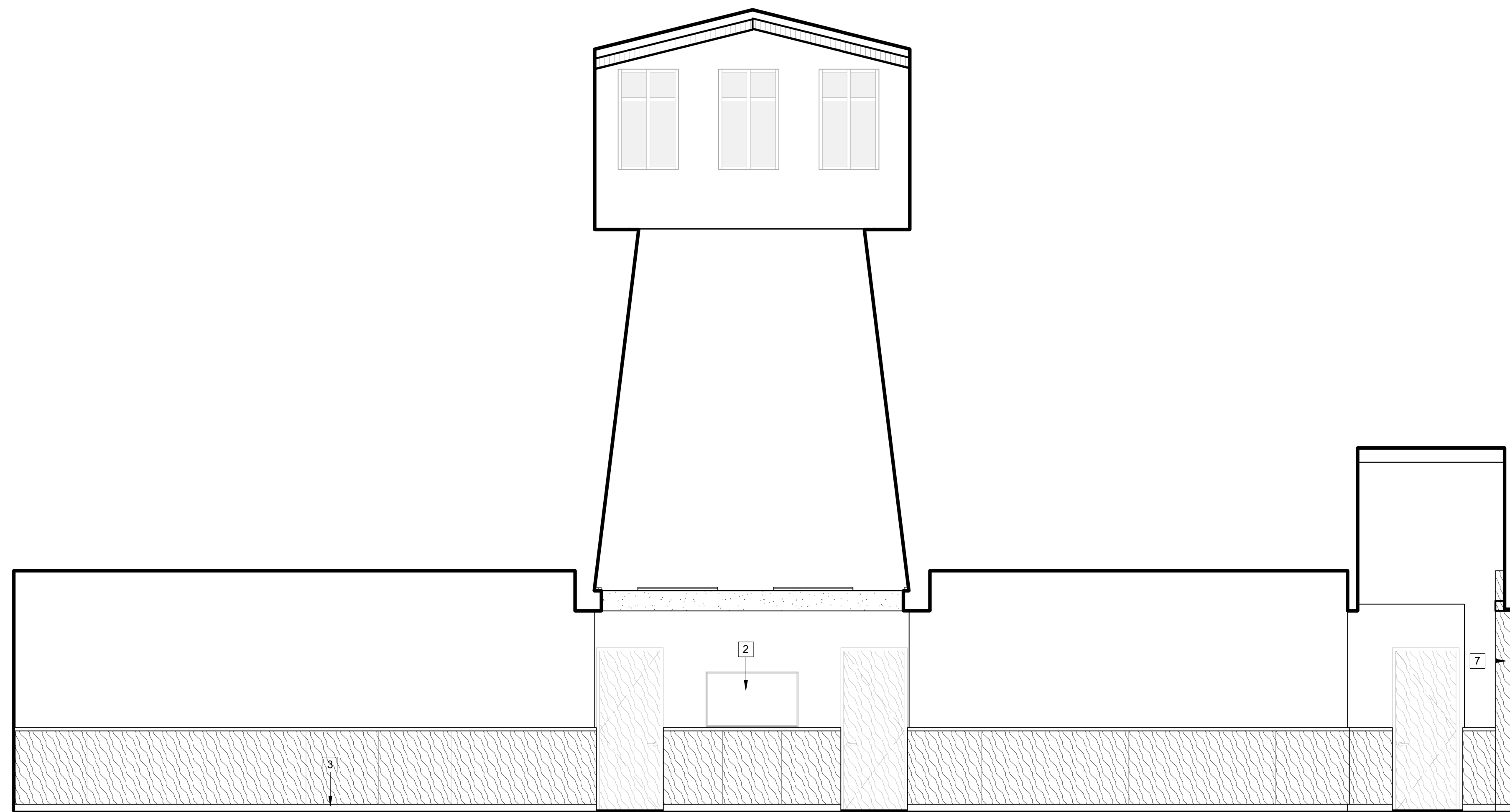
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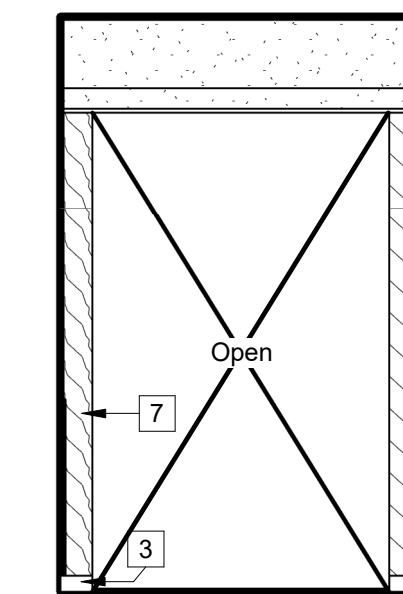
5 1/4" = 1'-0"



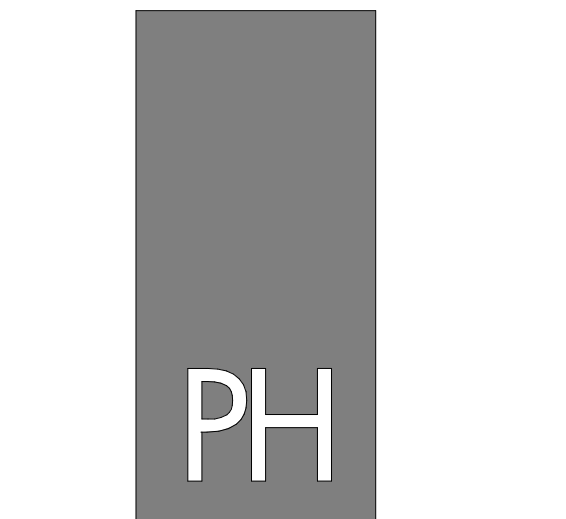
6 1/4" = 1'-0"



7 1/4" = 1'-0"



8 1/4" = 1'-0"



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

DRAWING SET INFORMATION:

06/19/2020	Plan Check Submittal
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REVISIONS:

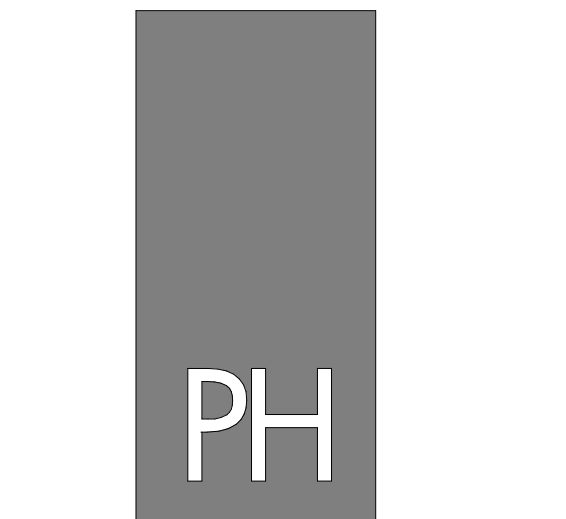
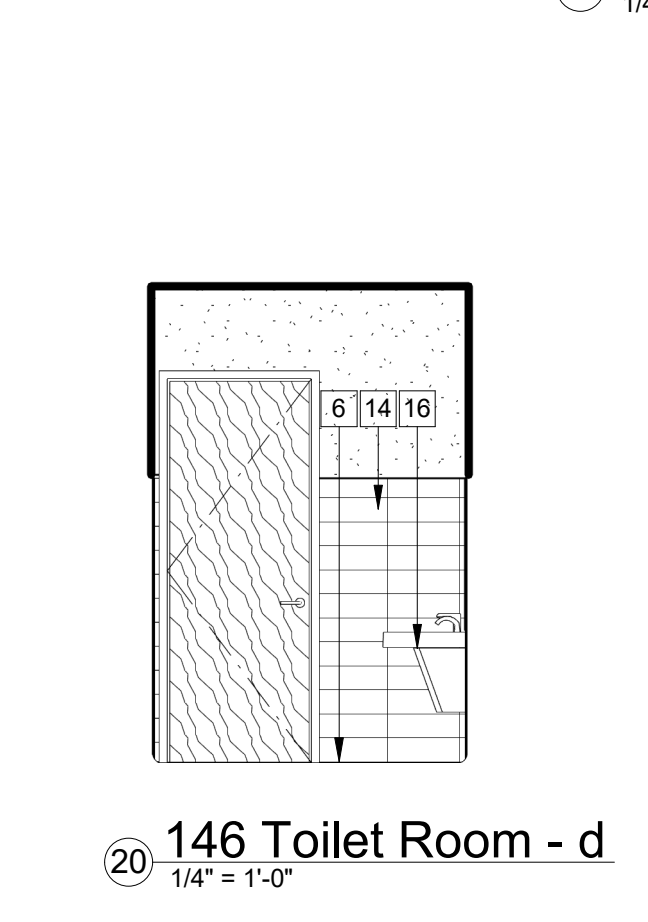
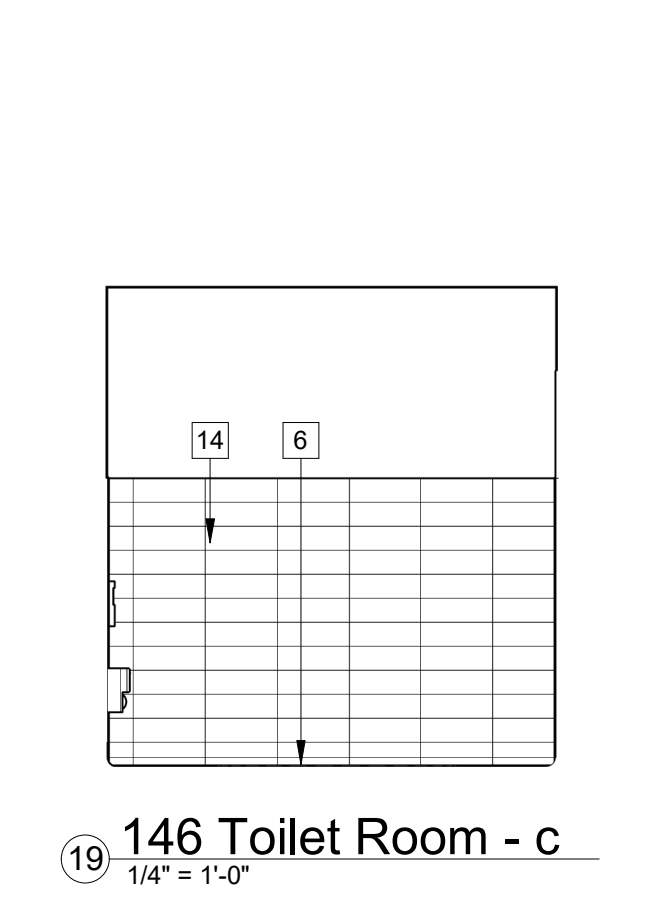
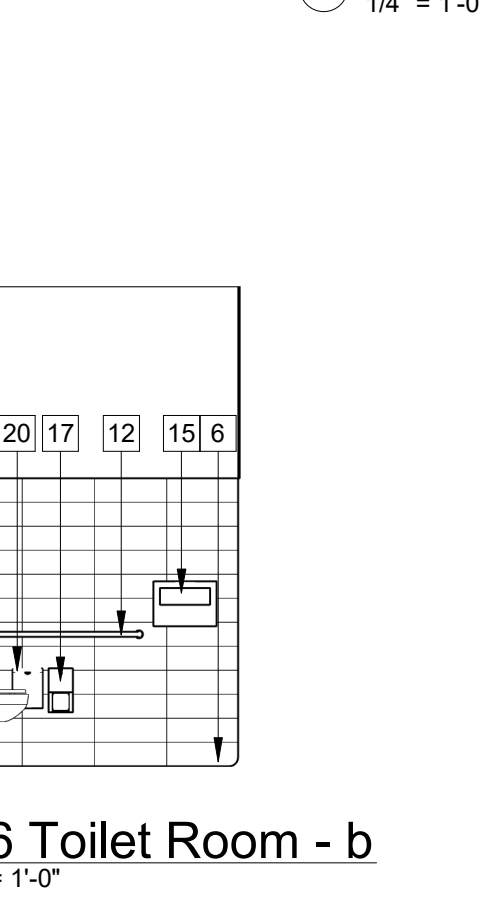
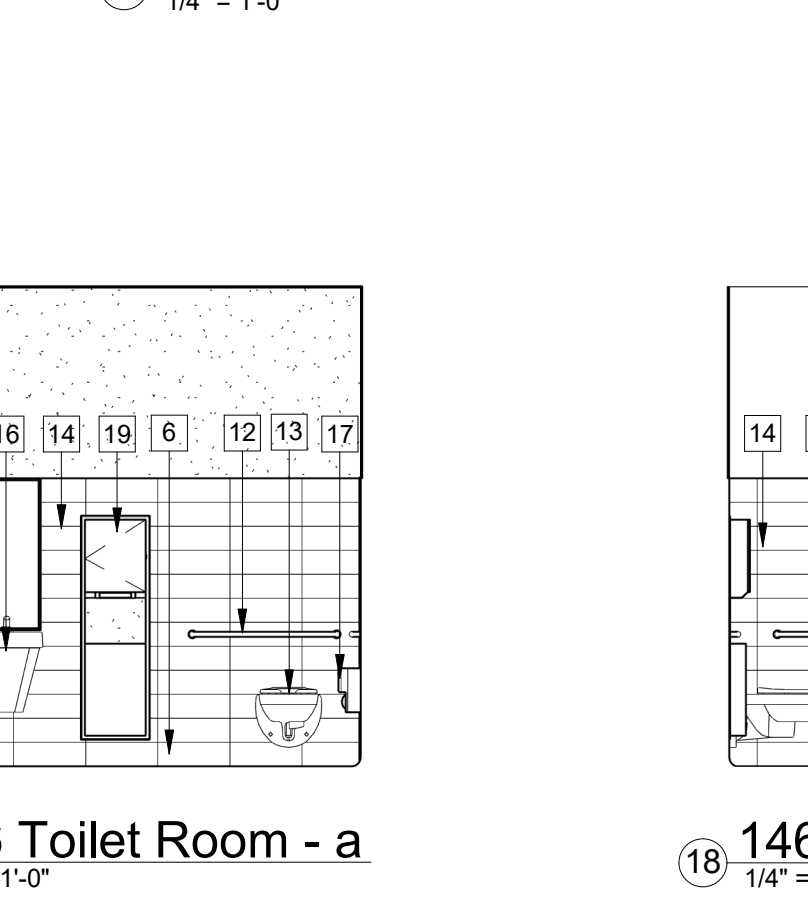
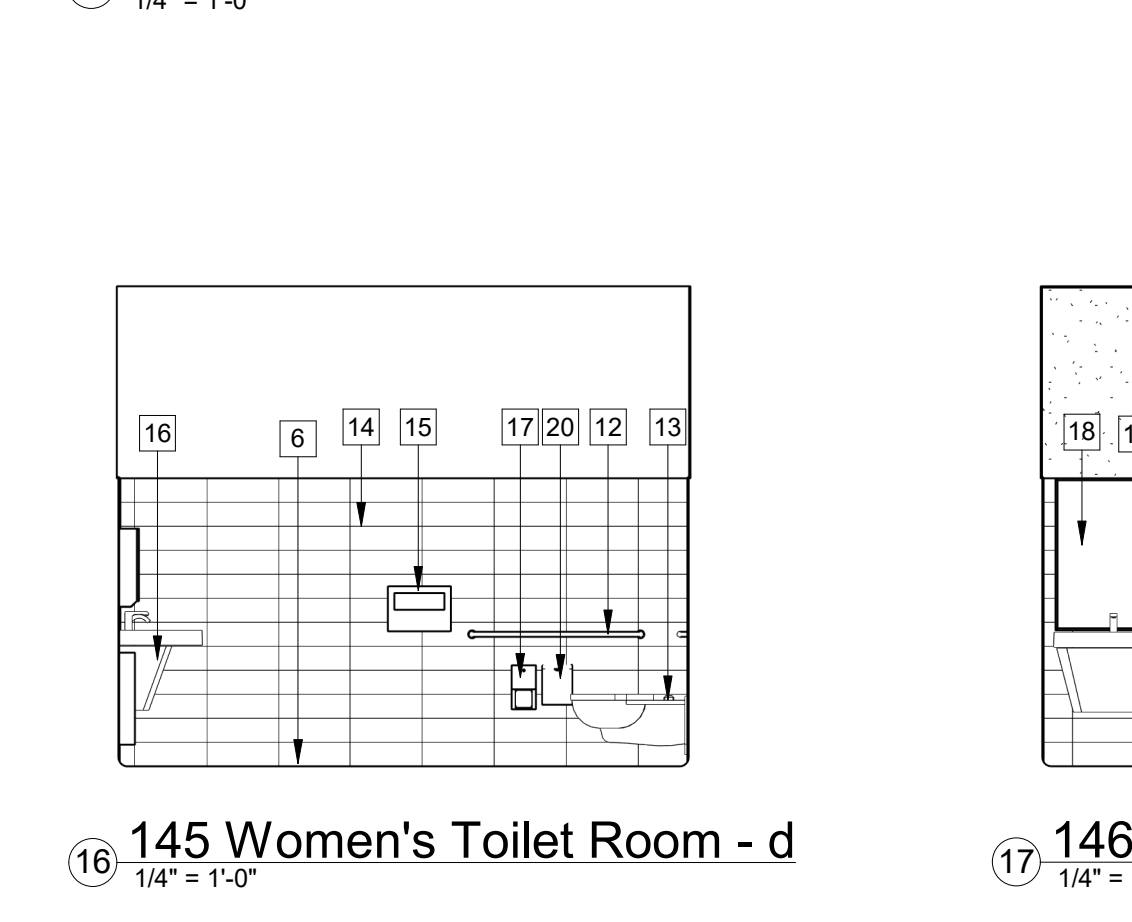
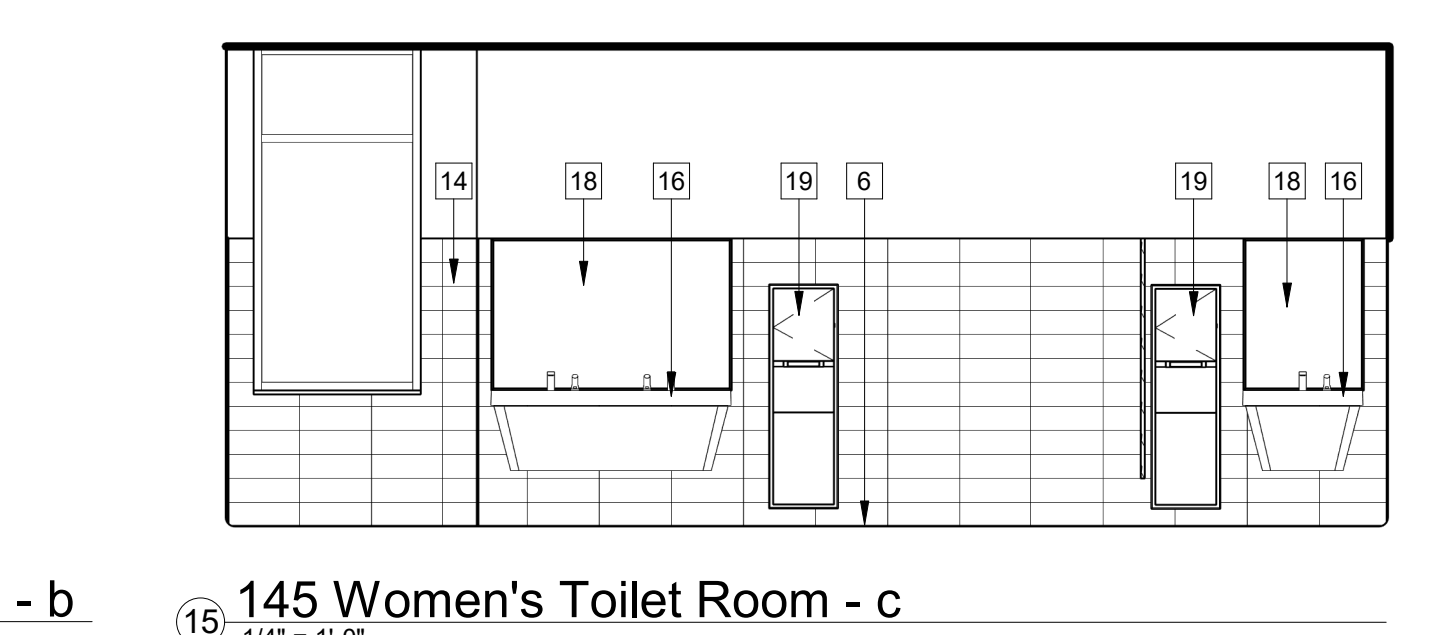
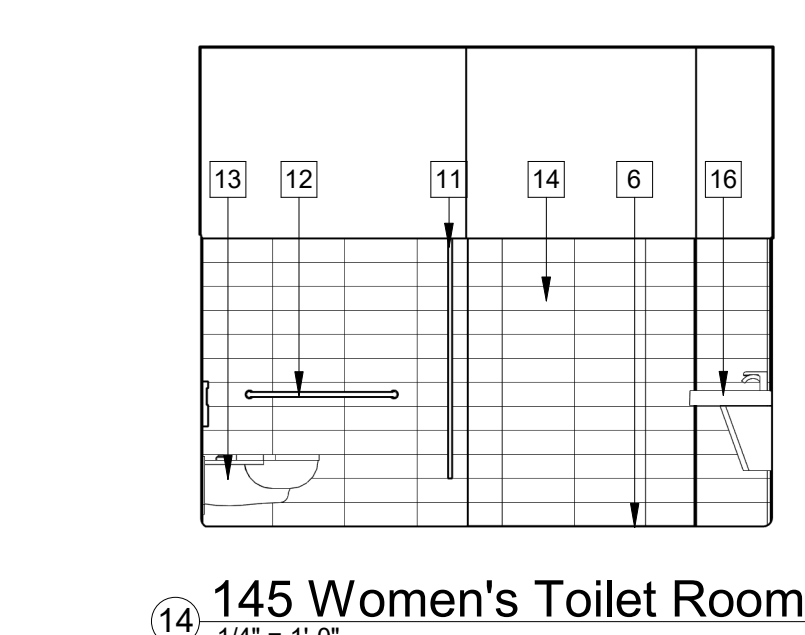
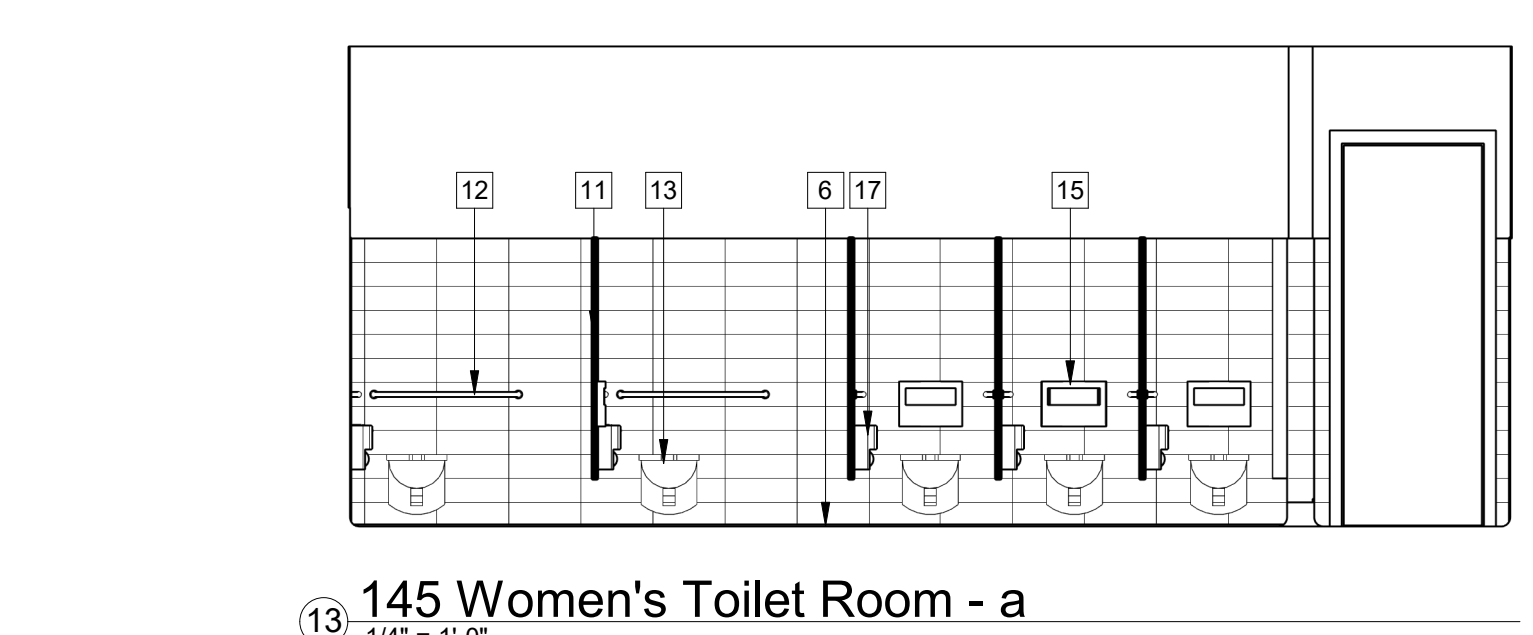
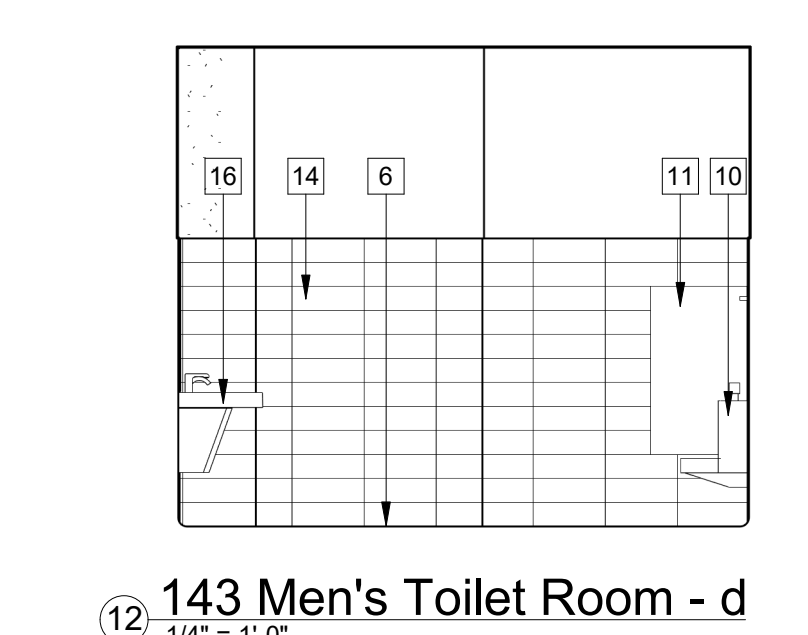
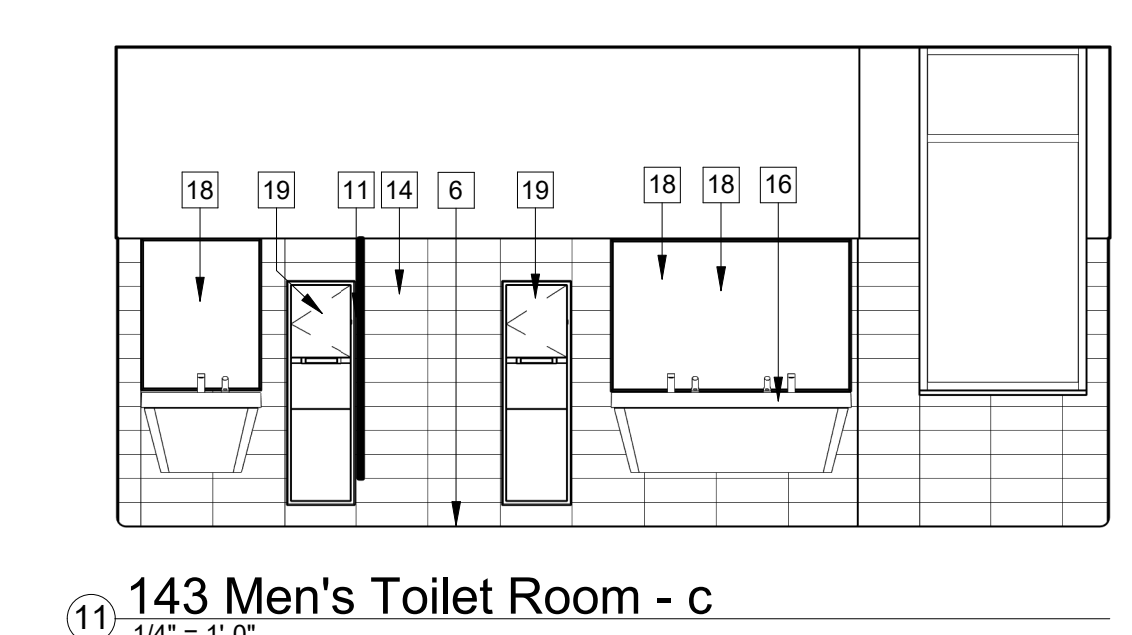
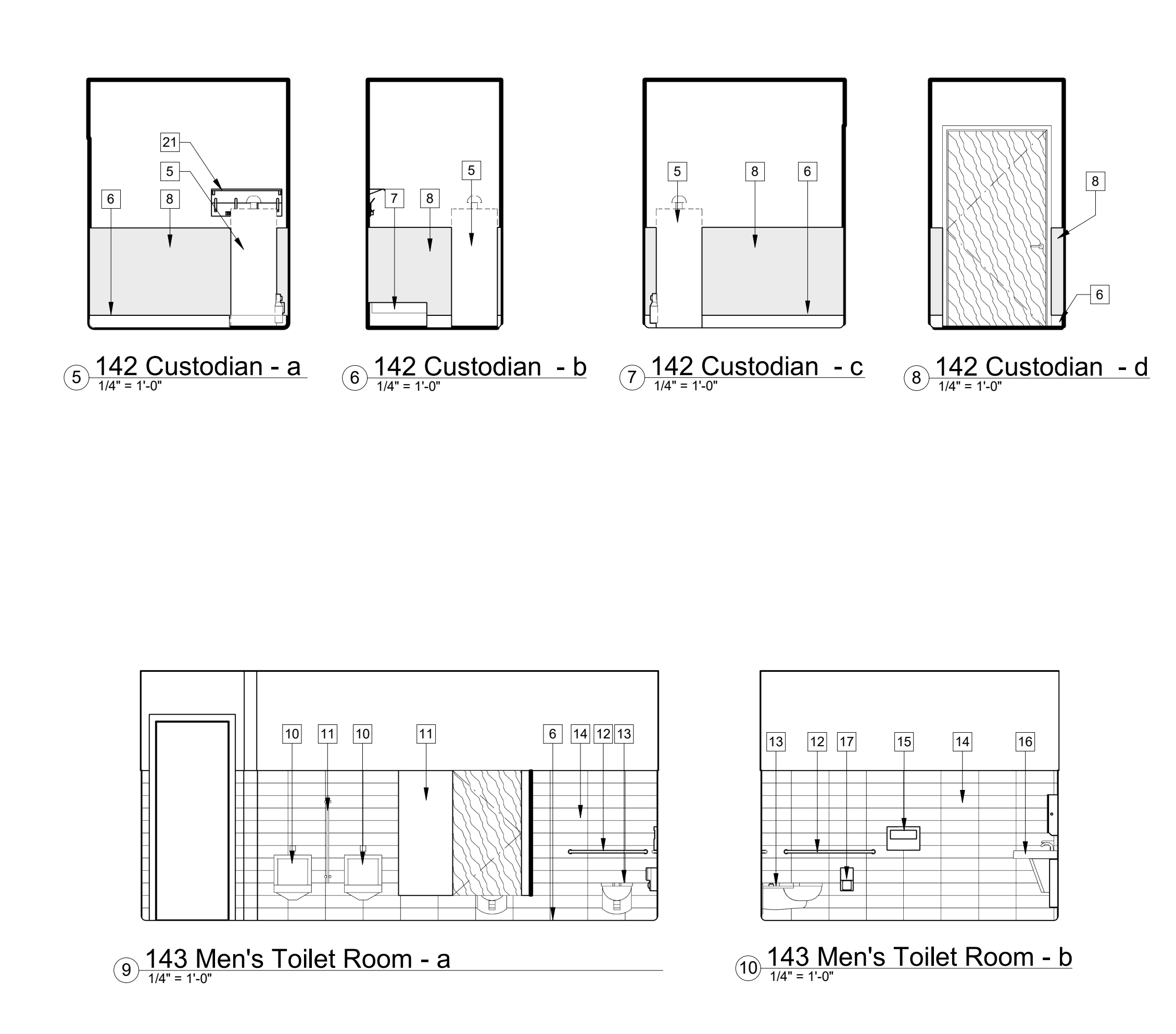
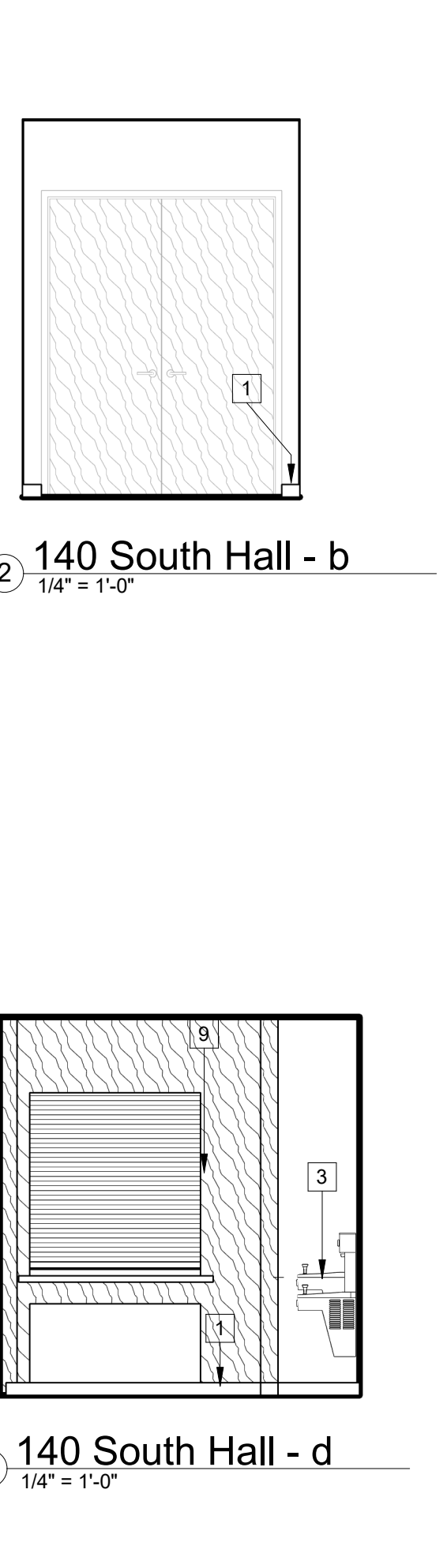
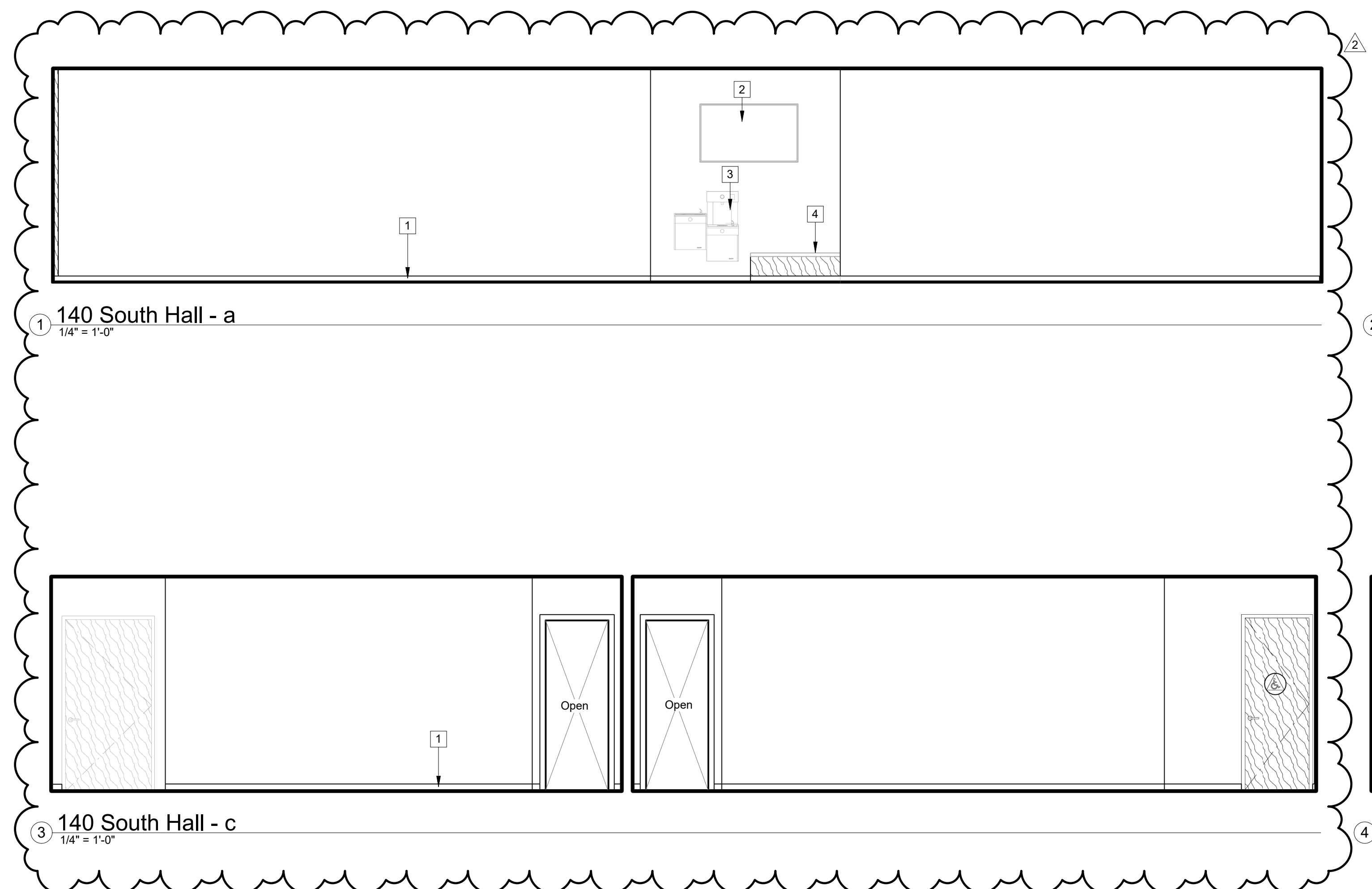
1	08/12/2020	Plan Check Revisions
2	10/8/2020	Addendum #1

PROJECT NUMBER:
2016-39

SHEET NUMBER:
AD1-A804

KEYNOTES

- 1 Wall base, Typ. See finish schedule sheet A731
- 2 TV mount, Typ. Provide mount and blocking within wall. See specification section 115270.
- 3 Drinking fountain.
- 4 Raised seating See casework details sheet A911
- 5 Water Heater, see plumbing.
- 6 Sanitary cove base, Typ. See finish schedule sheet A731
- 7 Mop sink; see plumbing.
- 8 4'-High FRP Wainscot
- 9 Roll-Up Door, see door schedules (A700 sheets)
- 10 Urinal, see plumbing.
- 11 Toilet compartment partition, see specification section 102113
- 12 Grab bar, see interior elevations.
- 13 Toilet, see interior elevations and plumbing drawings.
- 14 6'-High ceramic tile wainscot. See ceramic tile patterns sheet A721.
- 15 Seat cover dispenser, typ. see specification section 102800
- 16 Wall-hung lavatory, see interior elevations and plumbing drawings.
- 17 Toilet tissue dispenser, typ. see specification section 102800
- 18 Wall mounted mirror, typ. see specification section 102800
- 19 Paper towel dispenser / disposal comb., typ. see specification section 102800
- 20 Sanitary napkin disposal, typ. see specification section 102800
- 21 Wall-mounted shelving unit with mop holders and hooks, see specifications.



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

DRAWING SET INFORMATION:

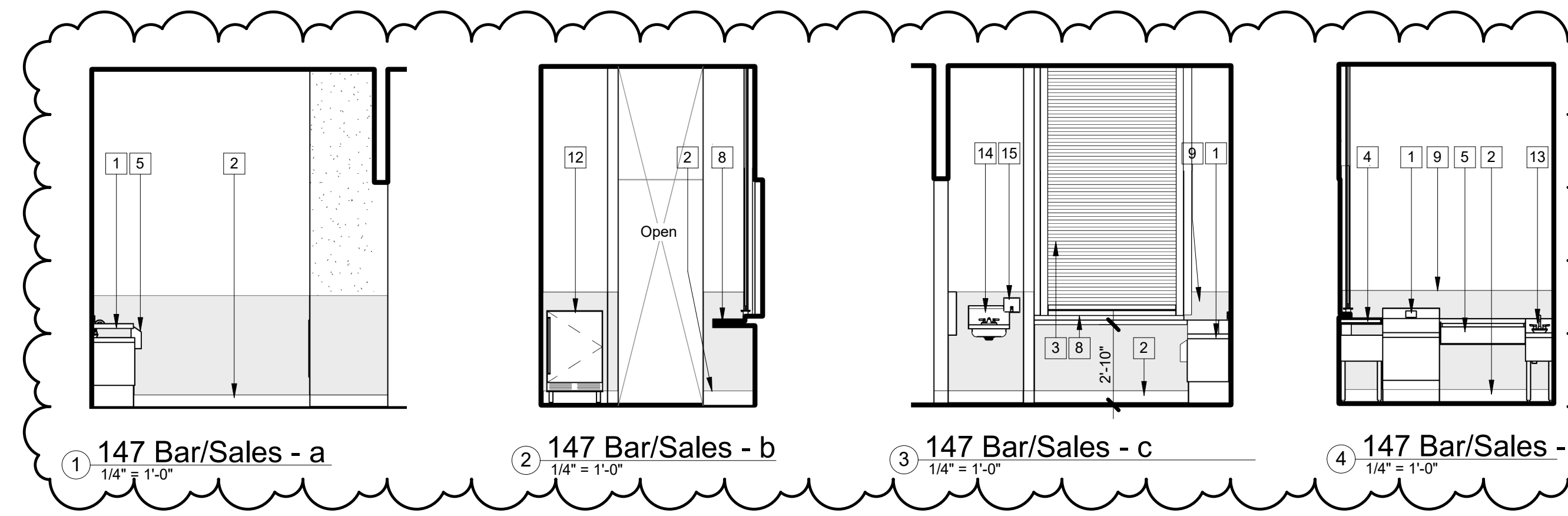
06/19/2020	Plan Check Submittal
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REVISIONS:

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

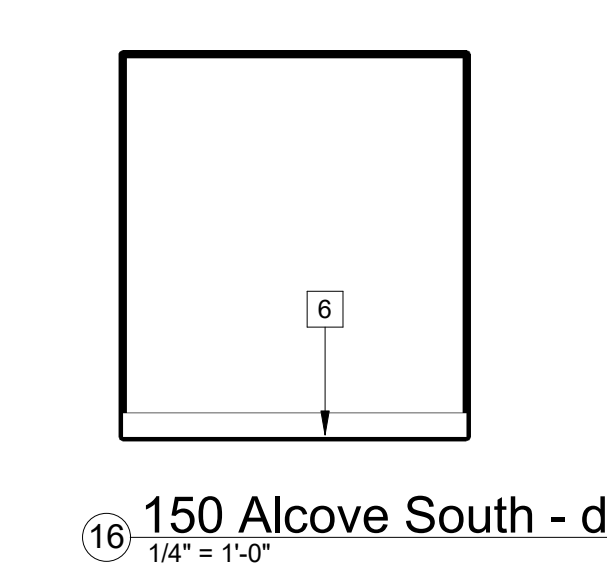
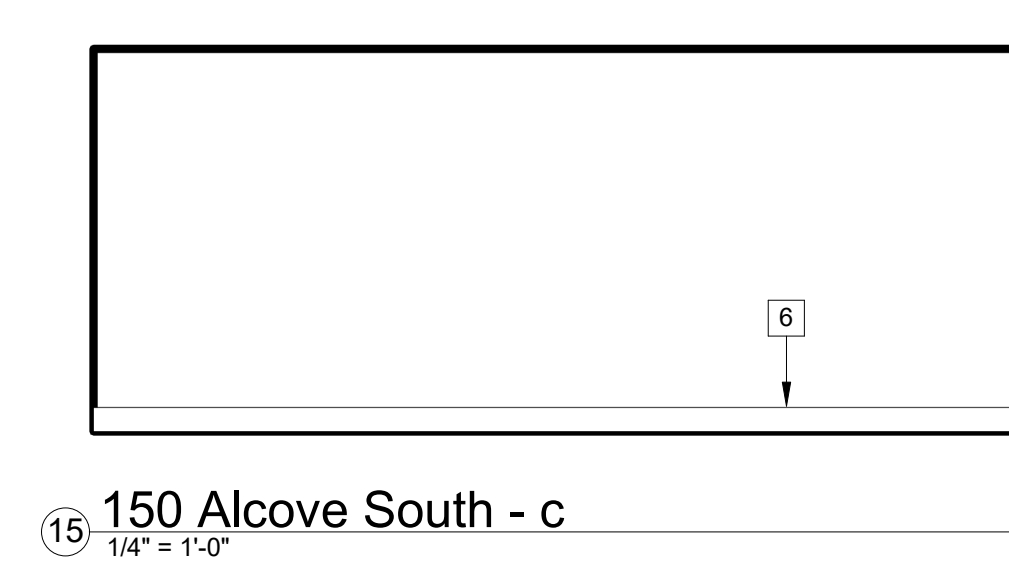
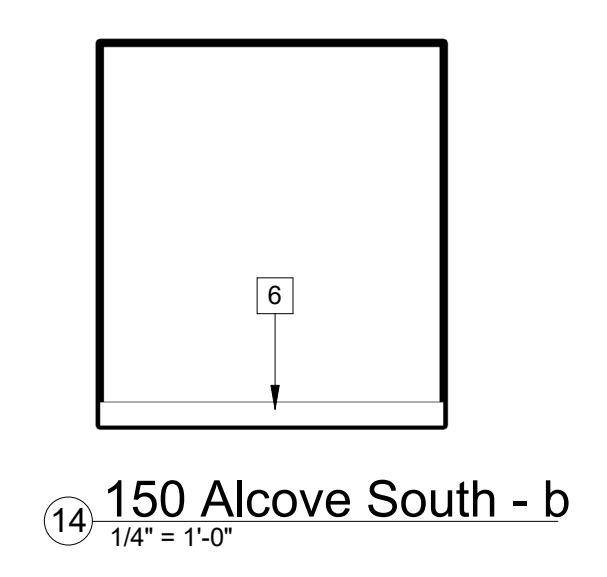
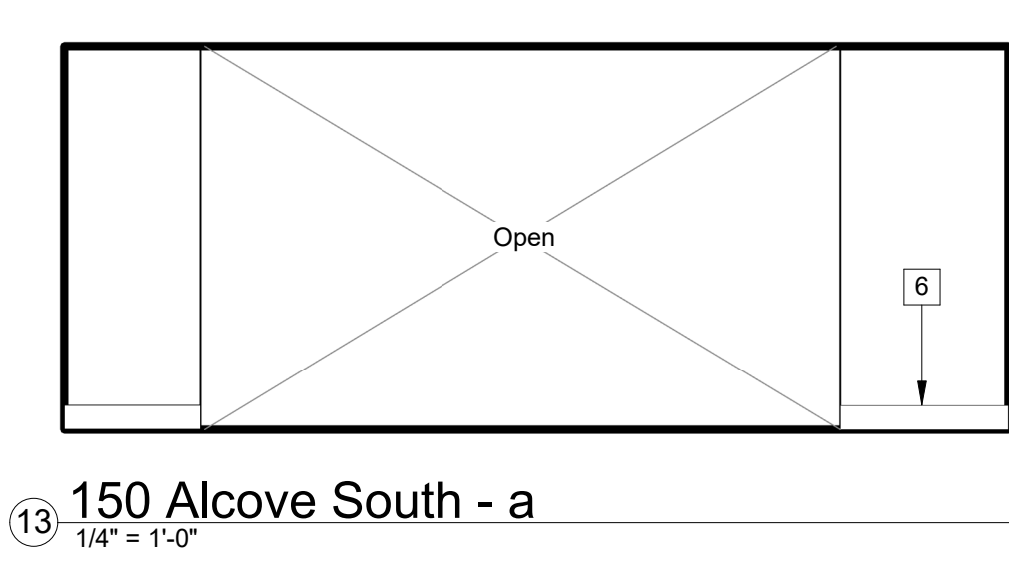
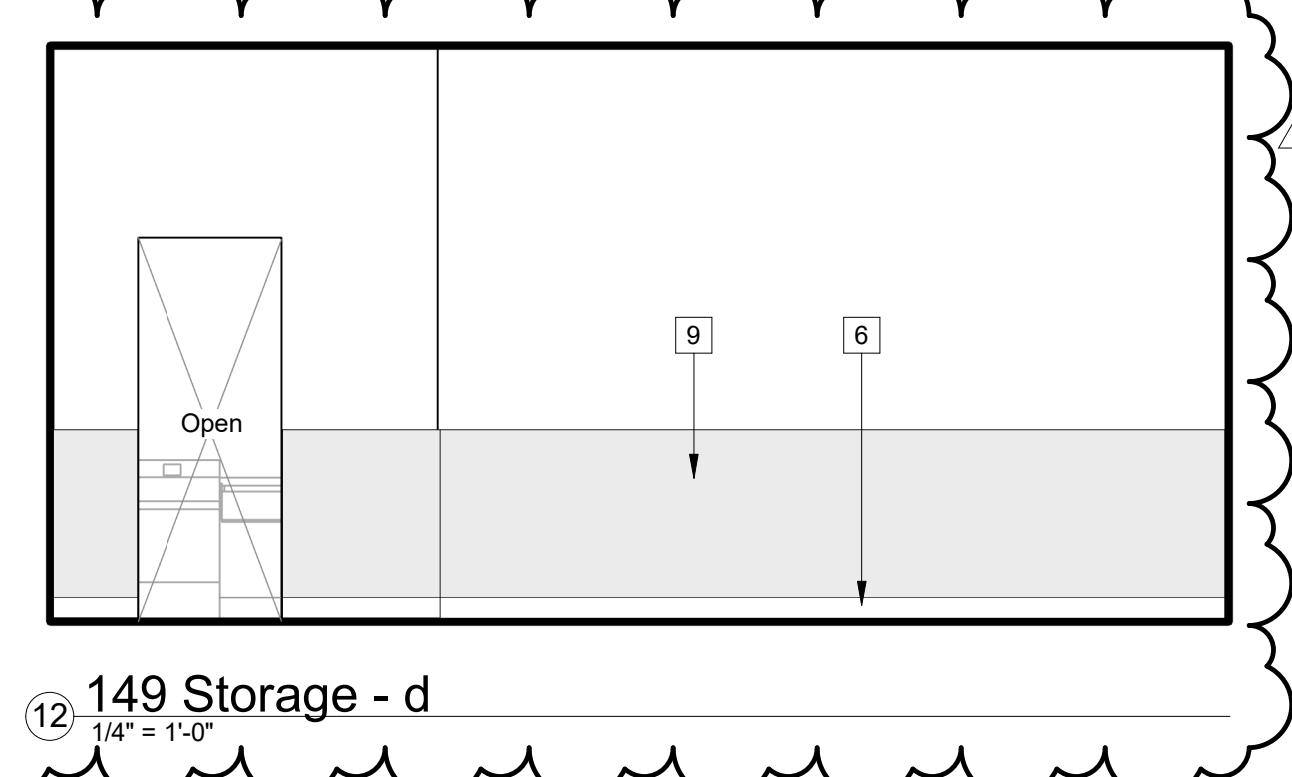
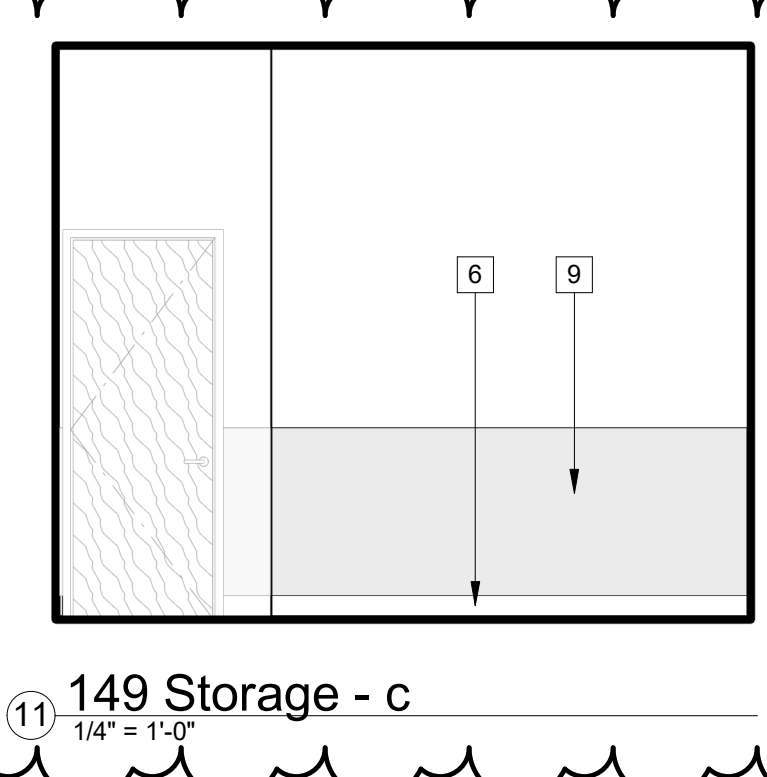
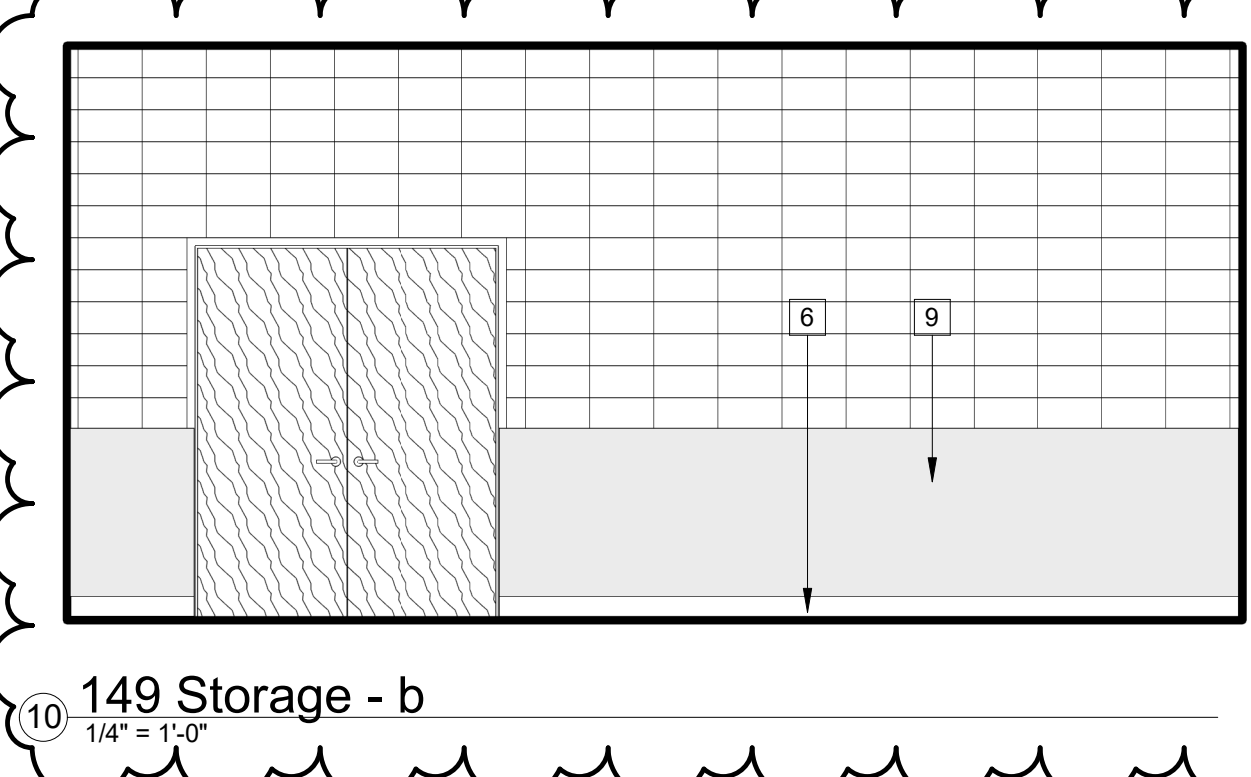
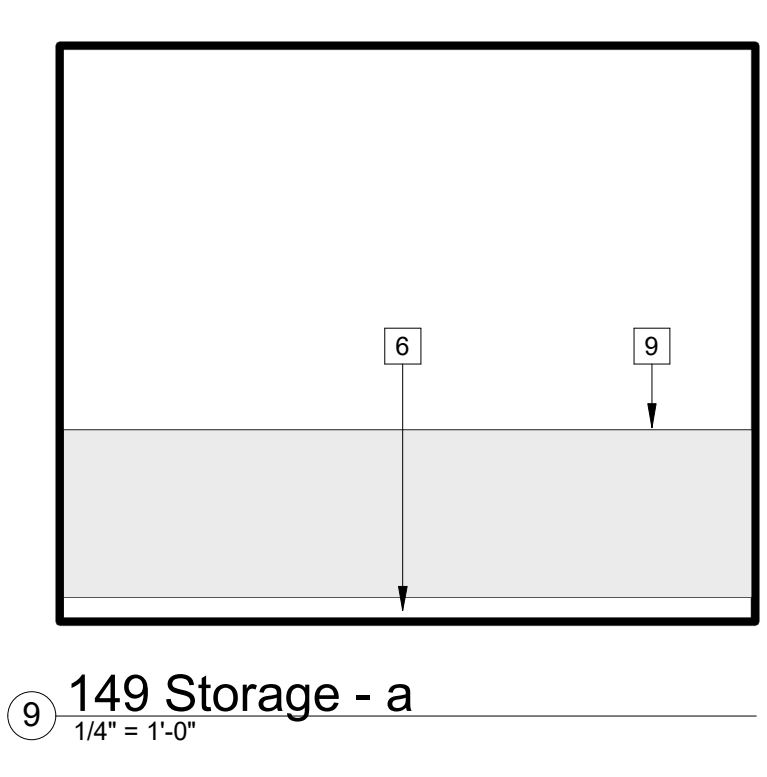
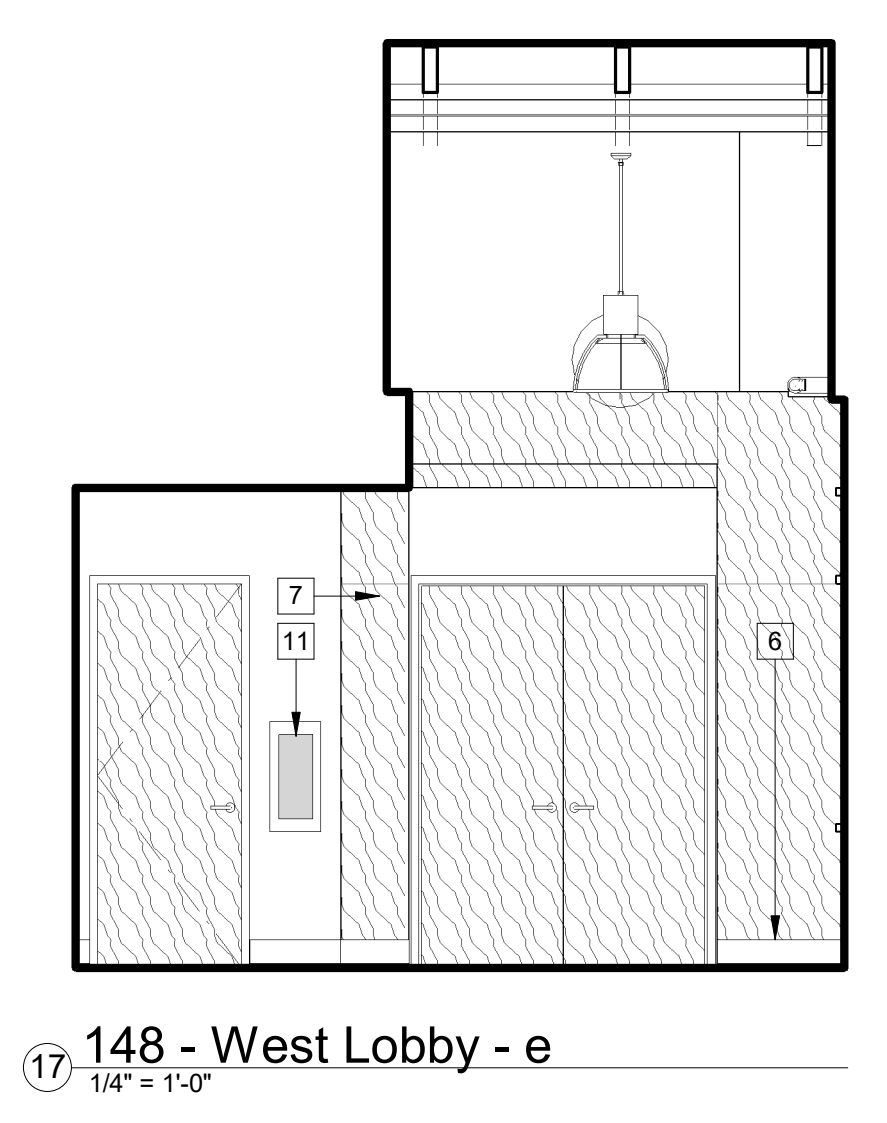
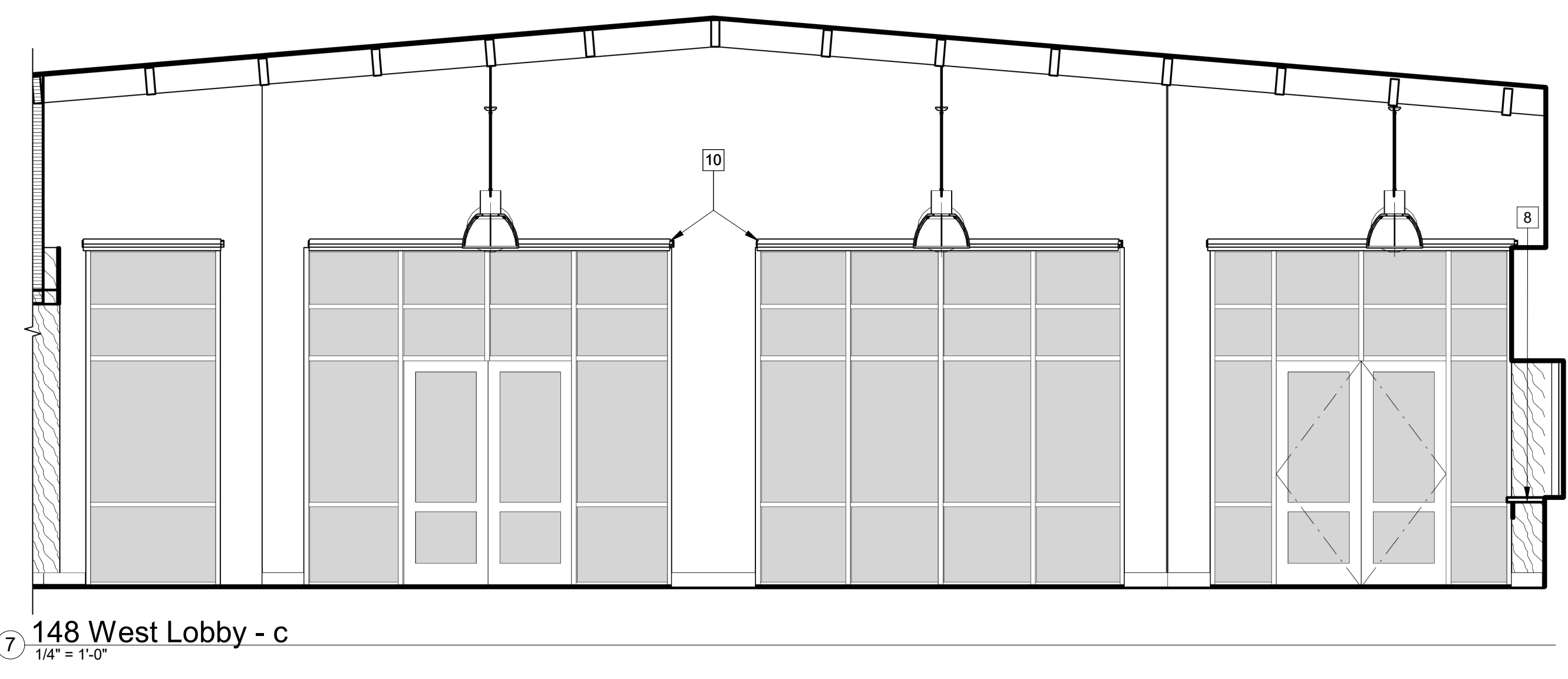
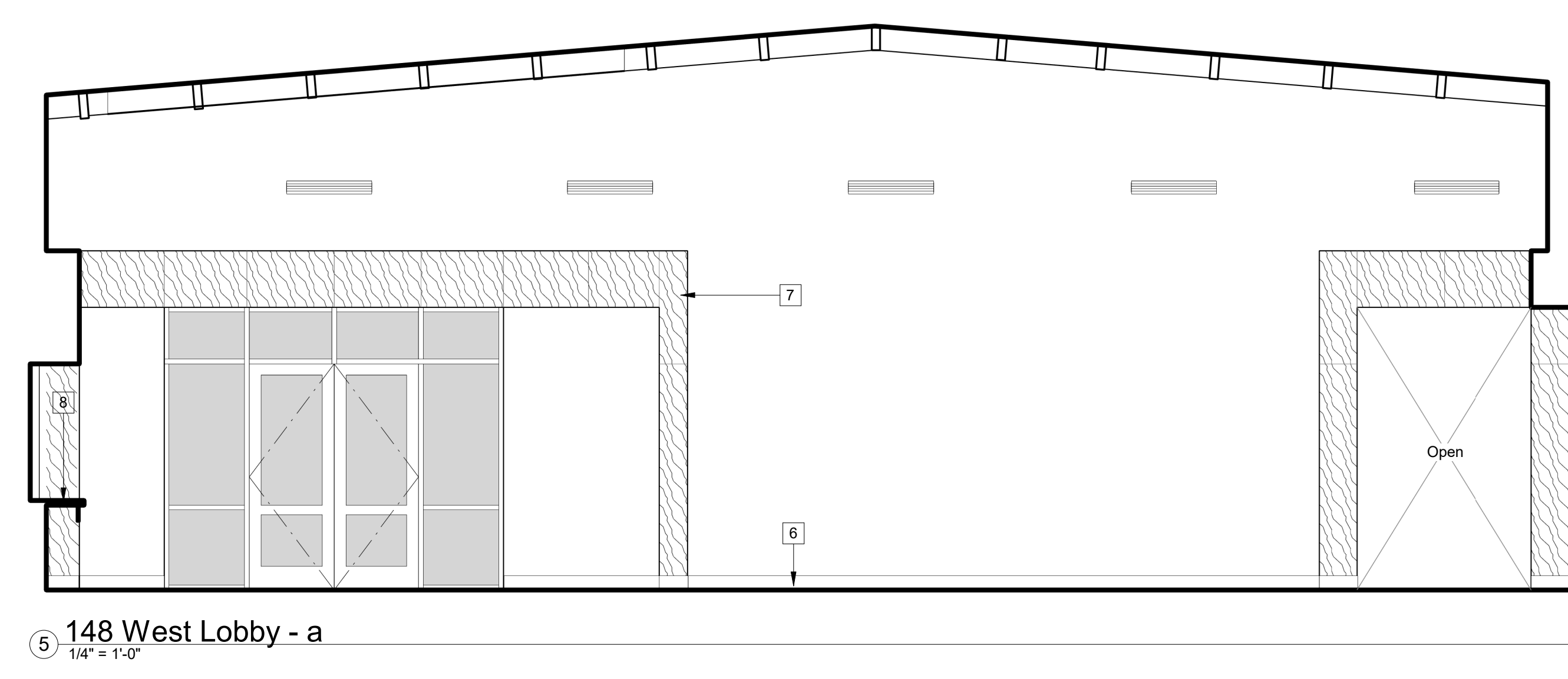
PROJECT NUMBER:
2016-39

SHEET NUMBER:
AD1-A806



KEYNOTES

- 1 Ice Chest, see Kitchen Equipment Schedule, A201
- 2 Sanitary cove base. Typ. See finish schedule sheet A731
- 3 Roll-up door; see Door Schedule, Sheet A740
- 4 Drainboard, see Kitchen Equipment Schedule, A201
- 5 Bar Spoutbar, see Kitchen Equipment Schedule, A201
- 6 Wall base. Typ. See finish schedule sheet A731
- 7 Wood paneling. See Finish Schedules, (A700 sheets)
- 8 Casework; see Interior Elevations, A800 Sheets & Casework Details Sheet A911.
- 9 4'-High FRP Wainscot
- 10 Electric Roller Shade System, typ. See specification section 122413
- 11 Fire Extinguisher Cabinet. See 18/A912.
- 12 Bar Fridge, see Kitchen Equipment Schedule, A201
- 13 Bar Sink with indirect waste to floor sink, see Kitchen Equipment Schedule A201
- 14 Hand Wash Sink, see Kitchen Equipment Schedule, A201
- 15 Wall mounted soap dispenser, typ. see specification section 102800



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

DRAWING SET INFORMATION:

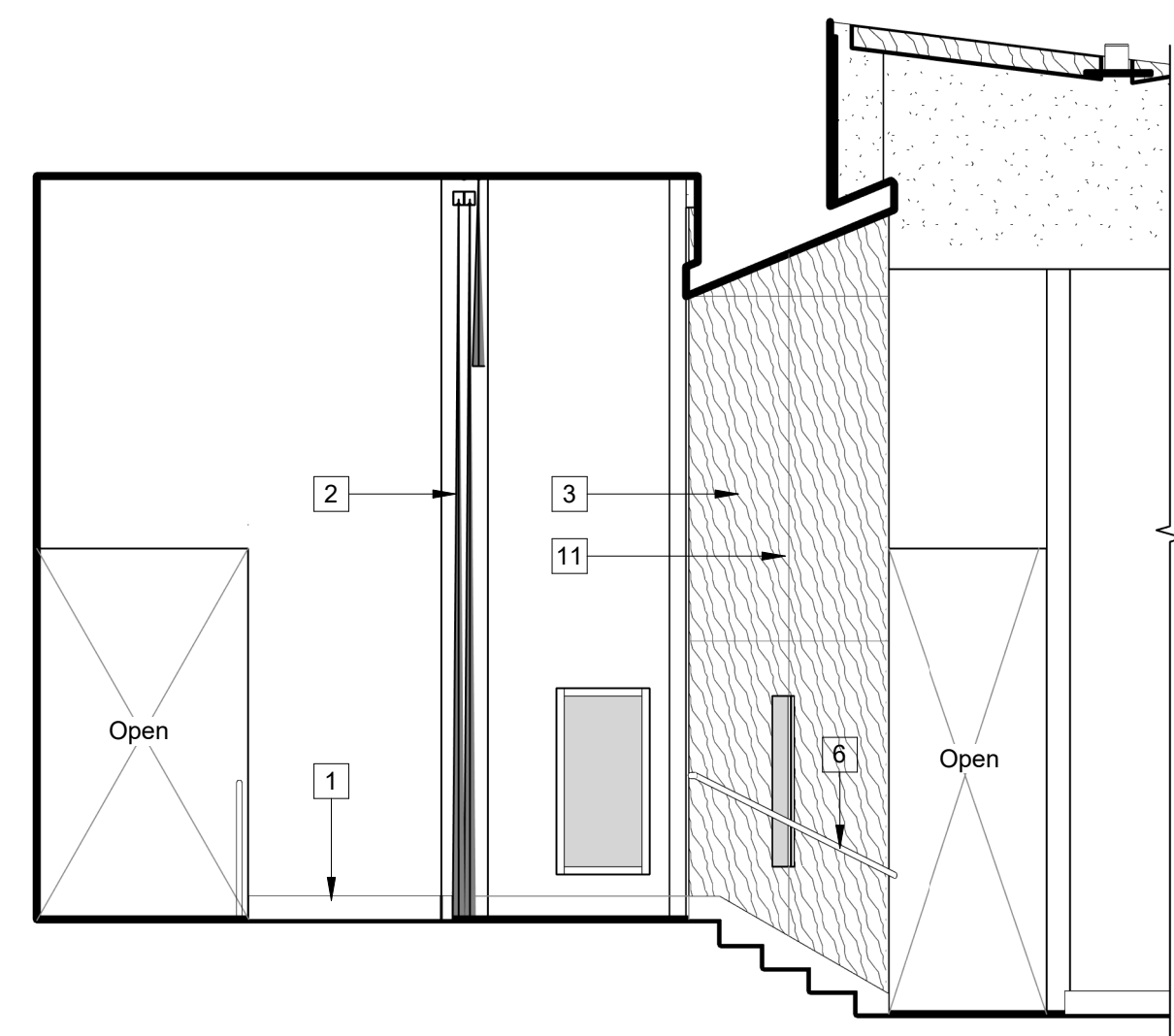
06/19/2020	Plan Check Submittal
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REVISIONS:

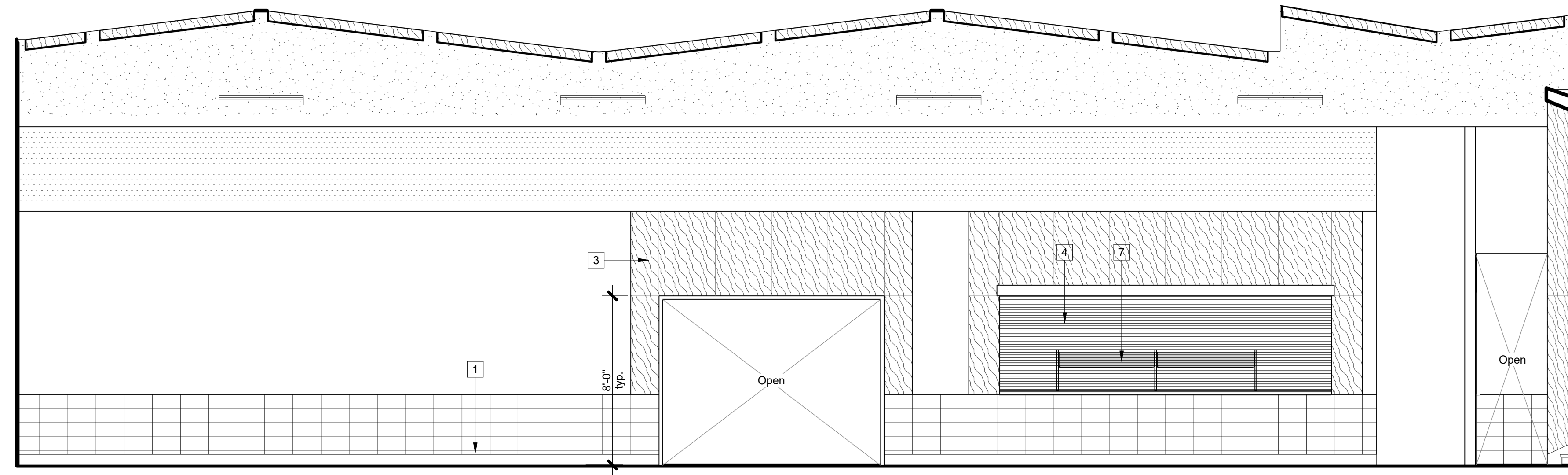
1	08/12/2020	Plan Check Revisions
2	10/8/2020	Addendum #1

PROJECT NUMBER:
2016-39

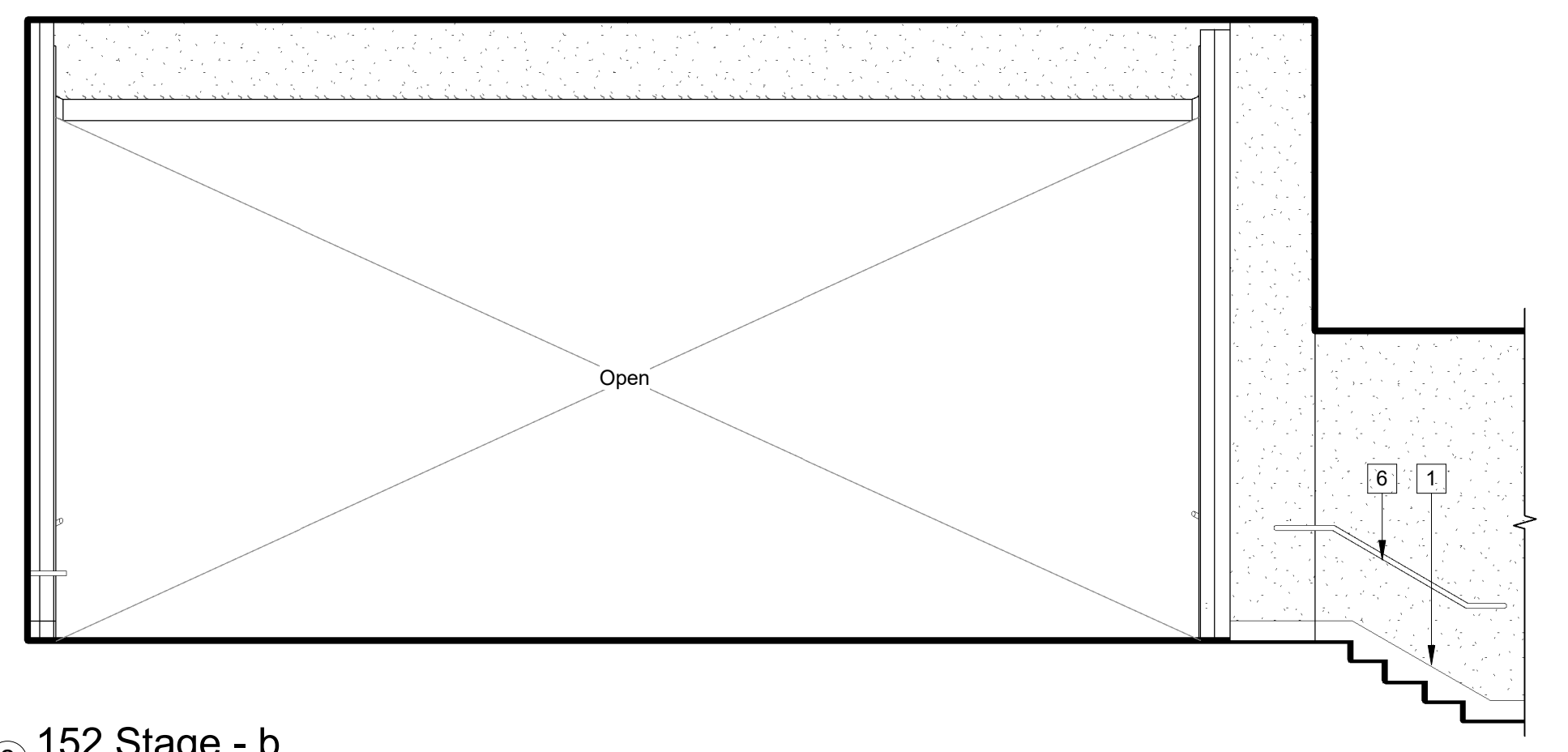
SHEET NUMBER:
AD1-A807



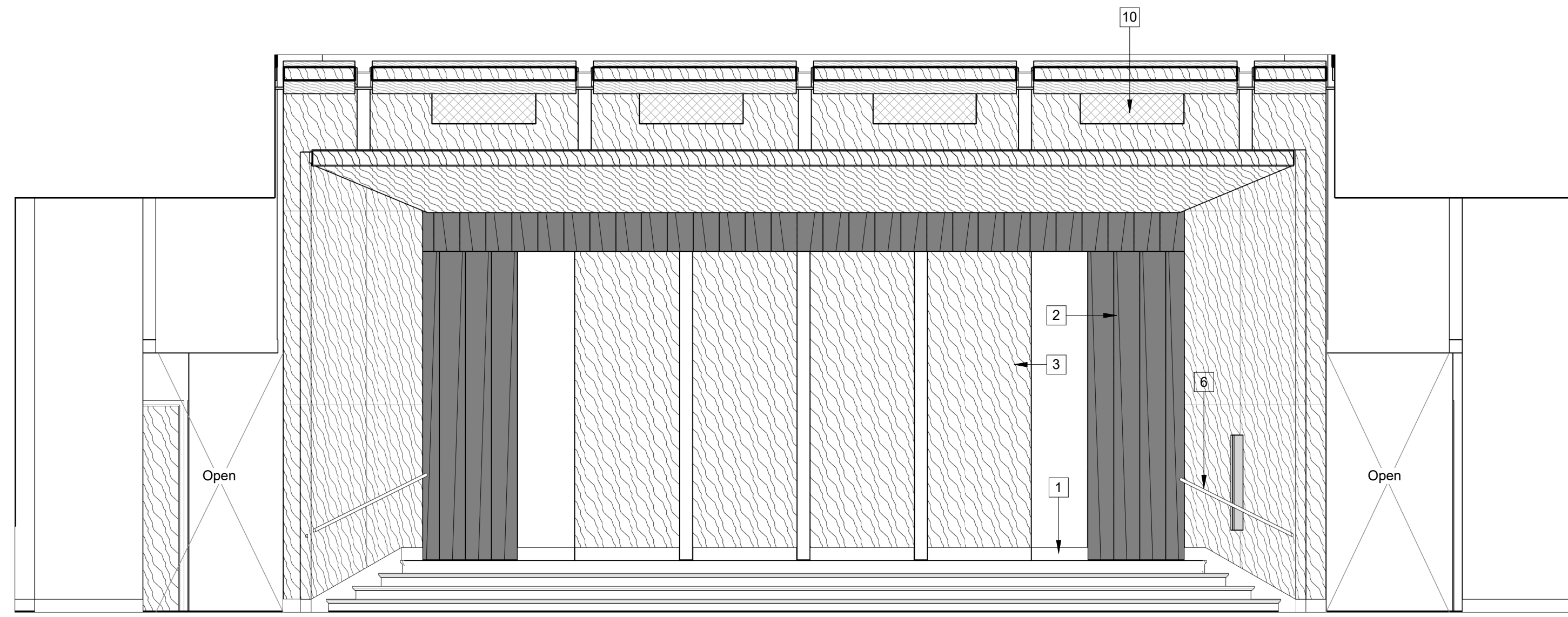
1 152 Stage - a
1/4" = 1'-0"



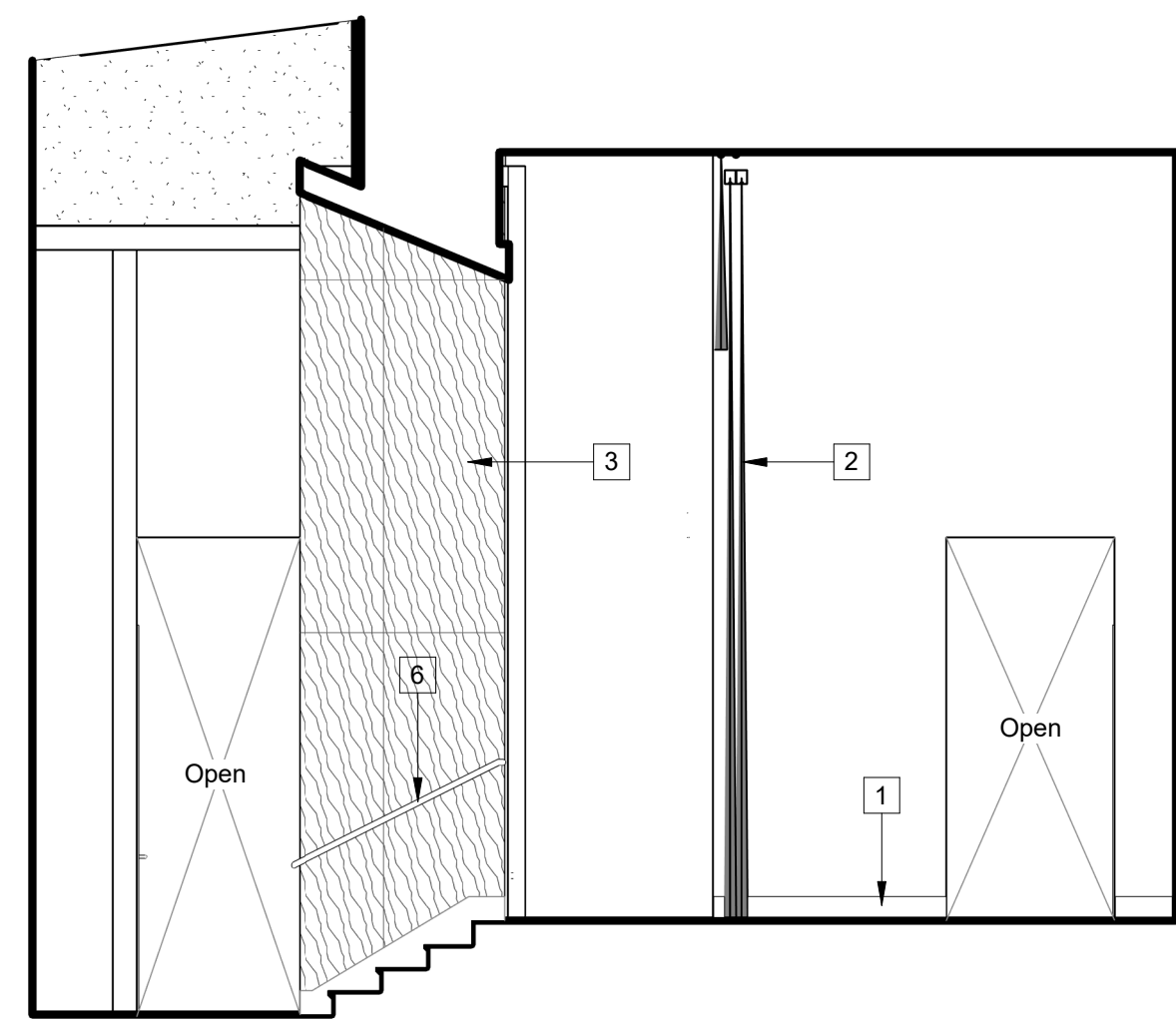
5 151 Multi-Purpose Room - a
1/4" = 1'-0"



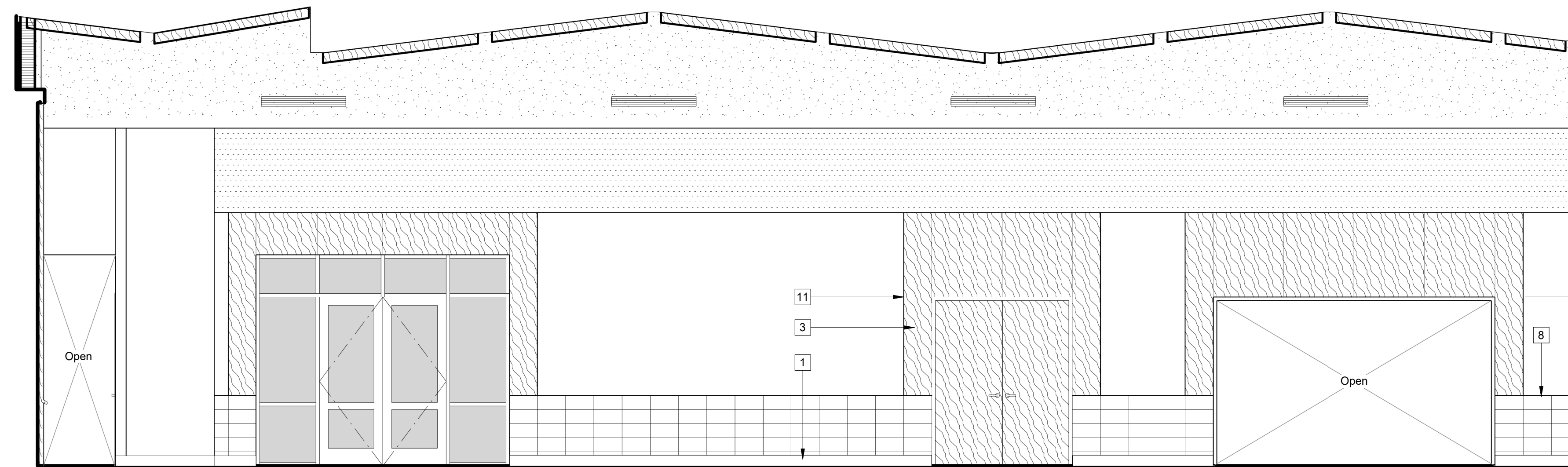
2 152 Stage - b
1/4" = 1'-0"



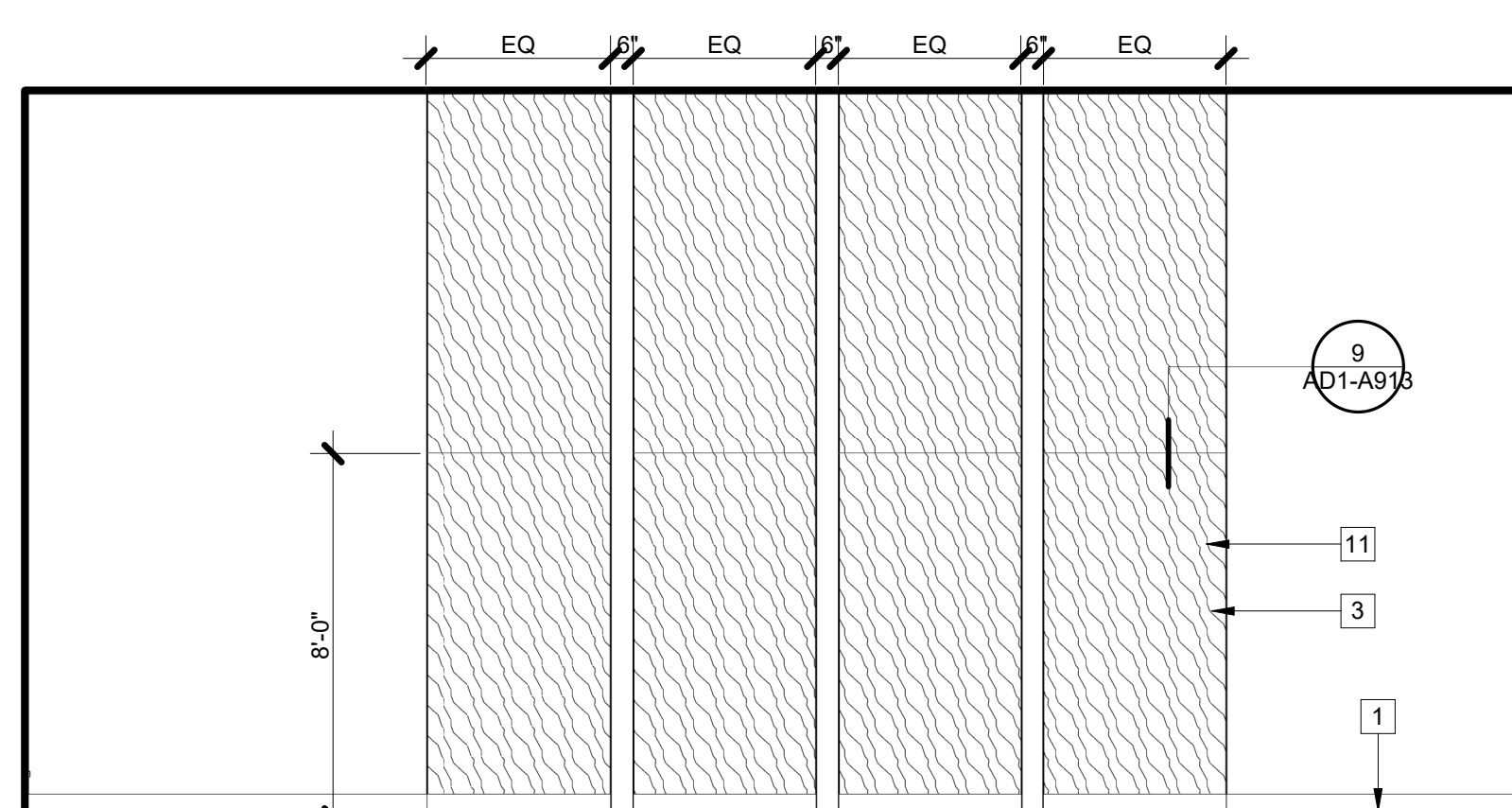
6 151 Multi-Purpose Room - b
1/4" = 1'-0"



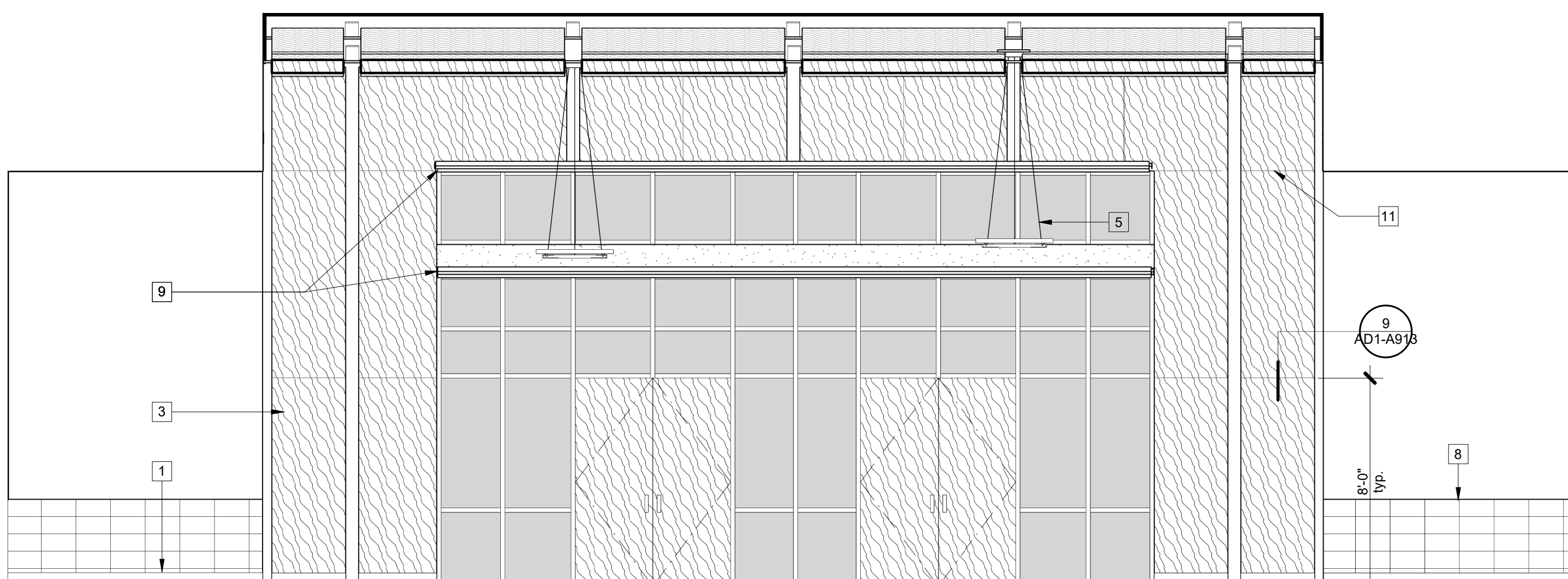
3 152 Stage - c
1/4" = 1'-0"



7 151 Multi-Purpose Room - c
1/4" = 1'-0"



4 152 Stage - d
1/4" = 1'-0"



8 151 Multi-Purpose Room - d
1/4" = 1'-0"

KEYNOTES

- 1 Wall base, Typ. See finish schedule sheet A731
- 2 Stage curtain
- 3 Wood paneling. See Finish Schedules, (A700 sheets)
- 4 Roll-Up Door, see door schedules (A700 sheets)
- 5 Accent pendant lighting
- 6 Handrail, see detail 4/A912
- 7 Sneeze Guard, see Kitchen Equipment Schedule, A201
- 8 3'-4"-High CMU Wainscot
- 9 Electric Roller Shade System, typ. See specification section 122413
- 10 Acoustically transparent fabric
- 11 Plywood panel joint, typ.

PH

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

DRAWING SET INFORMATION:

06/19/2020	Plan Check Submittal
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REVISIONS:

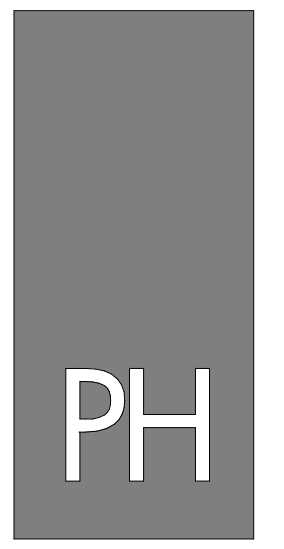
1	08/12/2020	Plan Check Revisions
2	10/8/2020	Addendum #1

PROJECT NUMBER:
2016-39

SHEET NUMBER:
AD1-A808/2

Note: For fastening pattern at plywood wall panels, see 8 AD1-A813

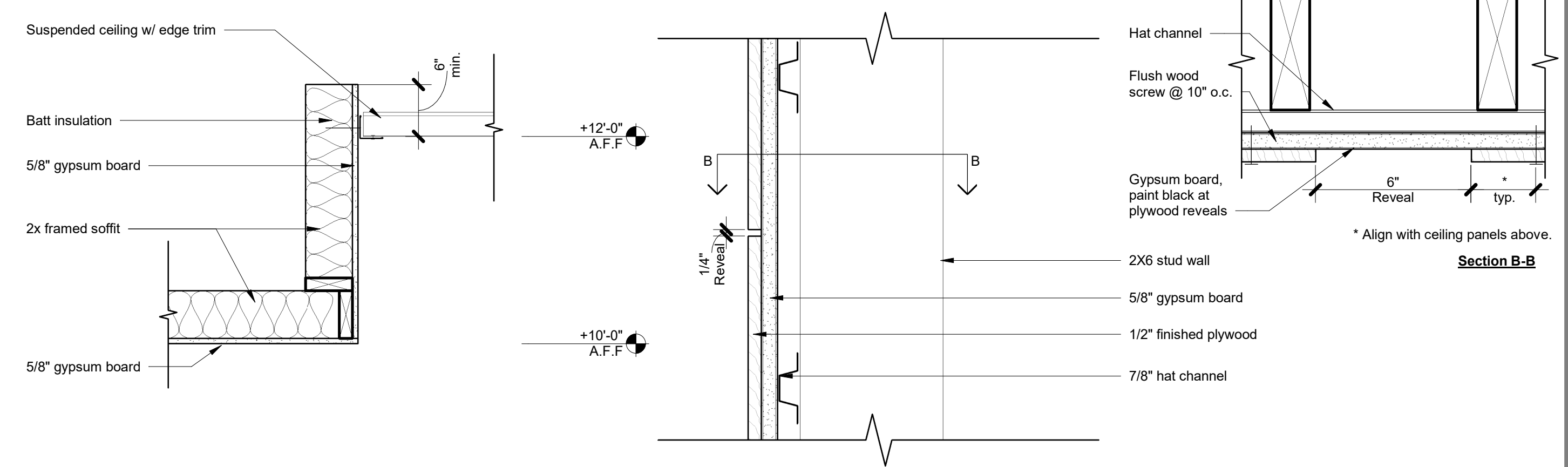
Note: Pre-drill plywood panels to receive screws. Align screws heads at plywood wall panel with ceiling panels. See 9 A805



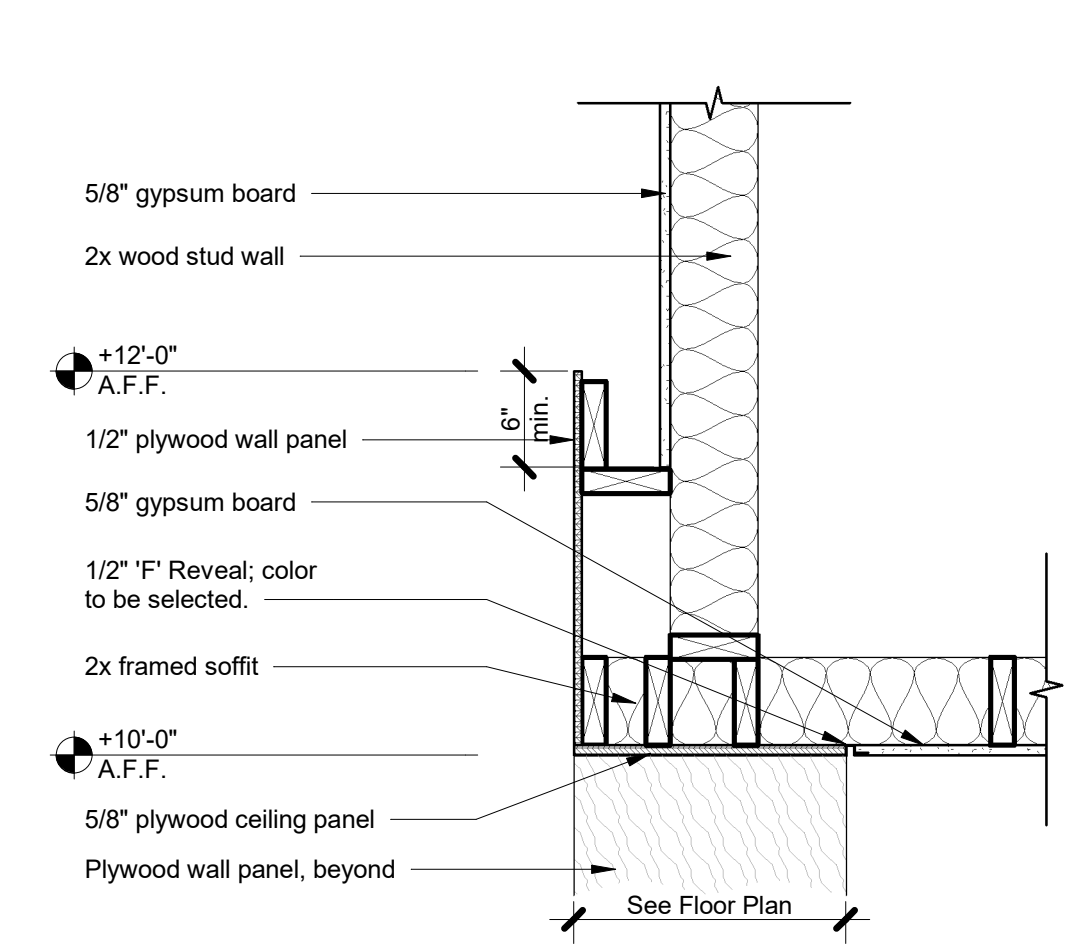
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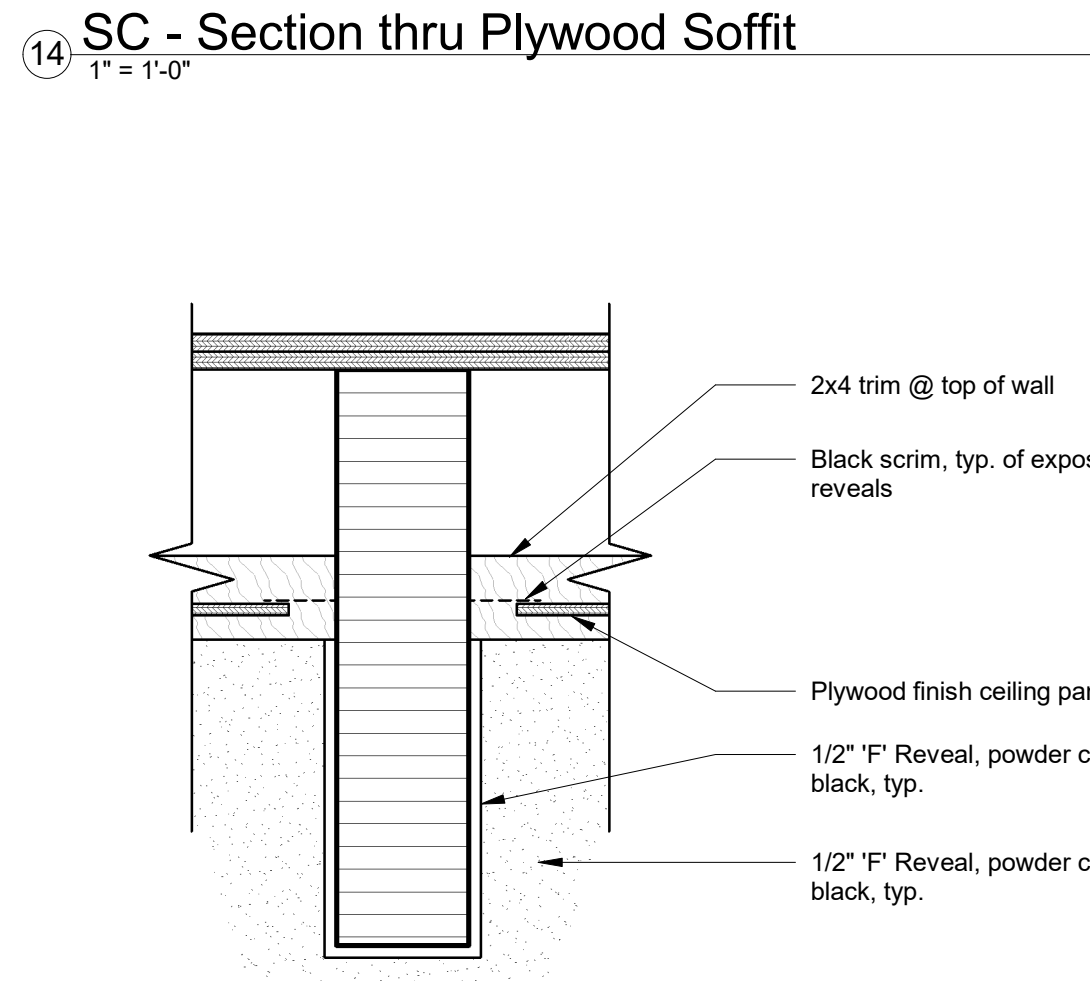
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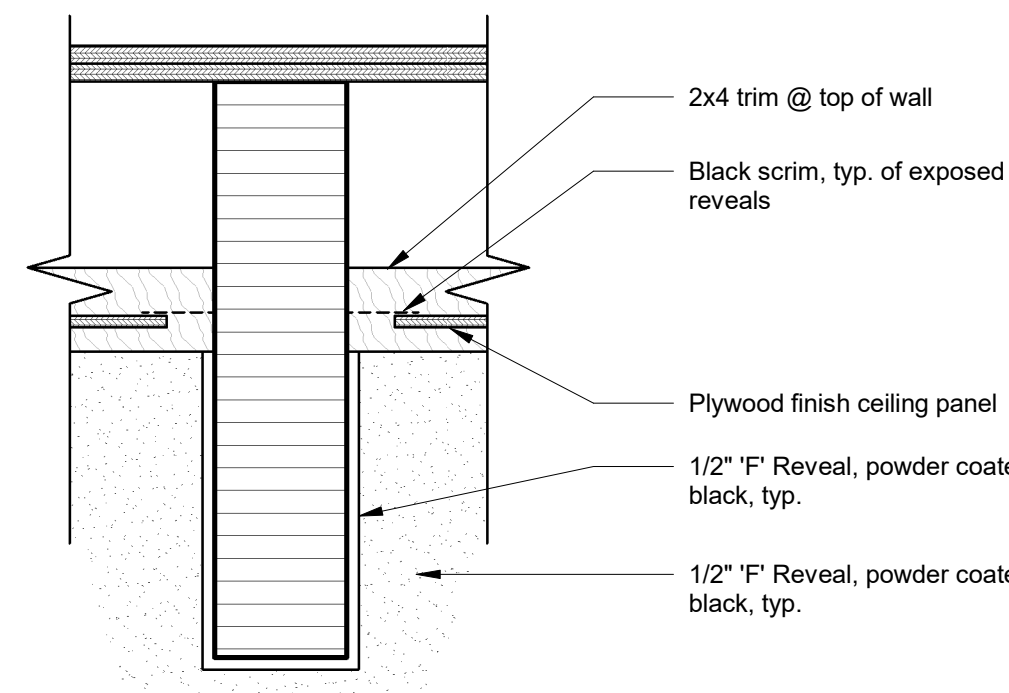
15 SC - Section thru Gypsum Soffit
 1" = 1'-0"



9 SC - Plywood Accent Walls @ Multipurpose
 3" = 1'-0"

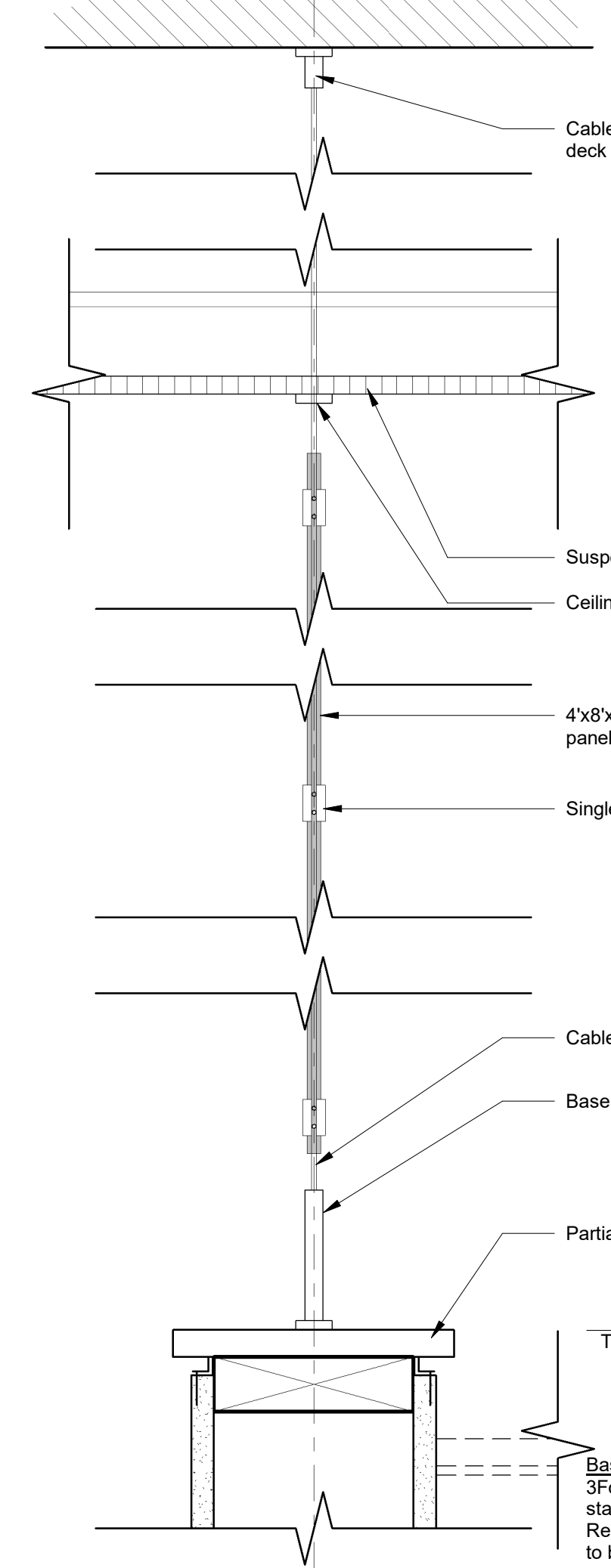


14 SC - Section thru Plywood Soffit
 1" = 1'-0"

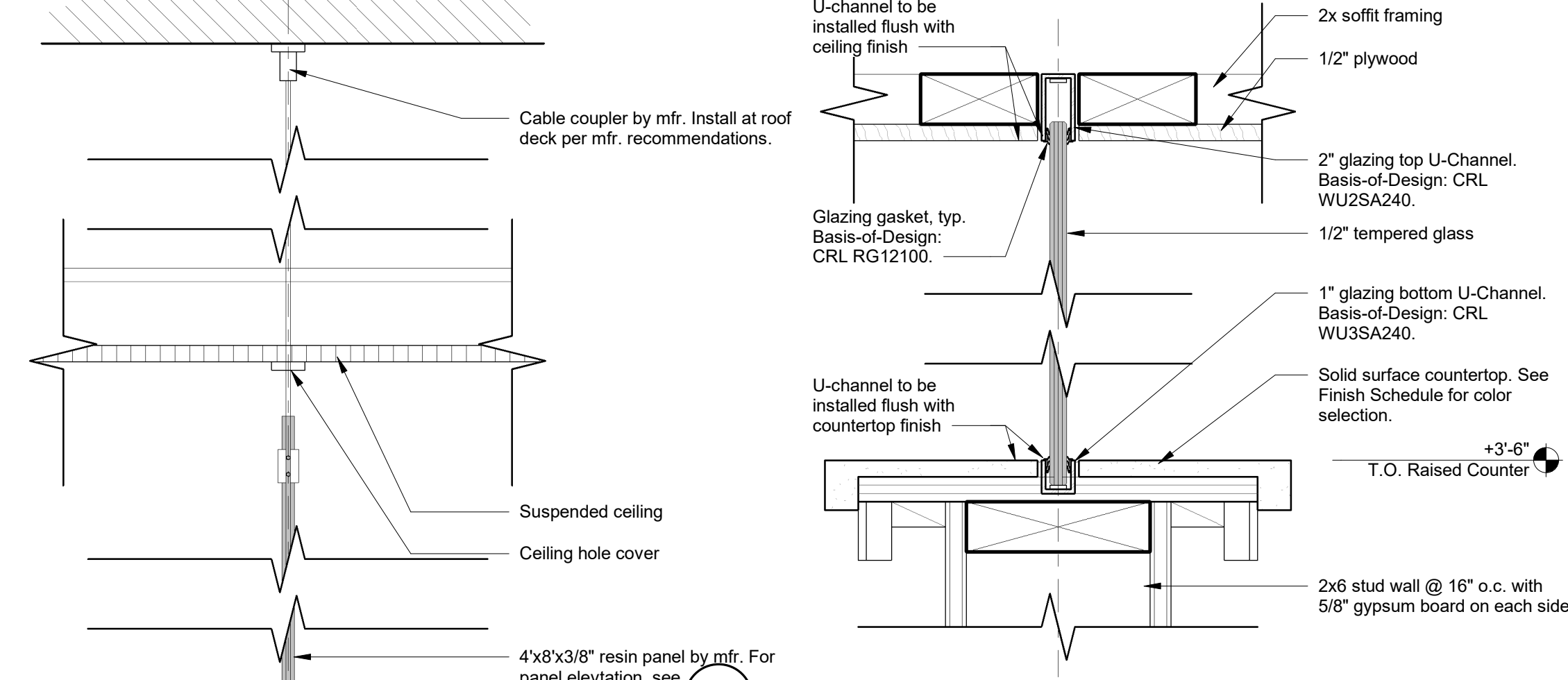


13 Top of Wall @ Glulam Beam
 1 1/2" = 1'-0"

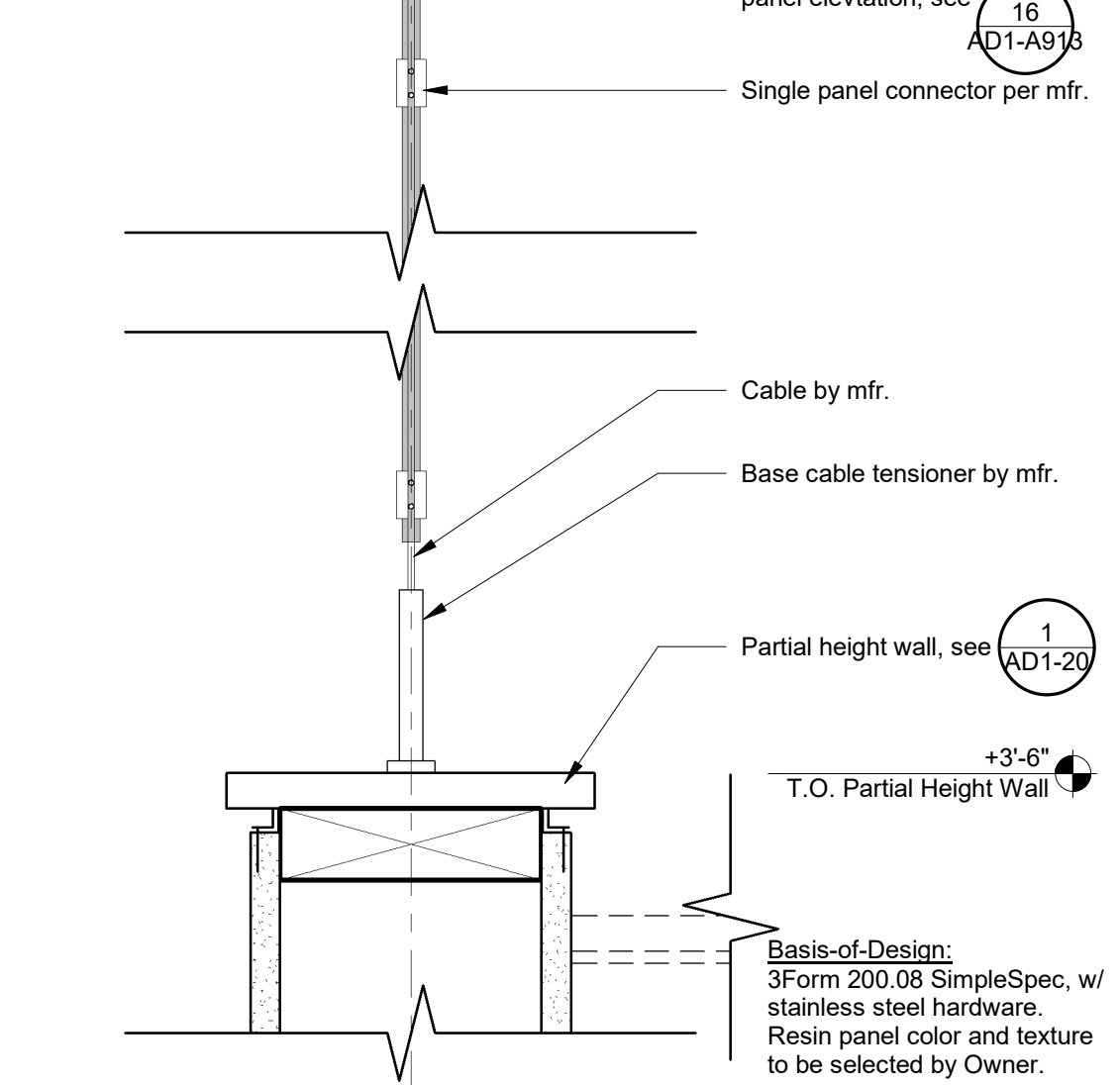
8 SC - Plywood Accent Walls @ Stage (Elevation)
 1 1/2" = 1'-0"



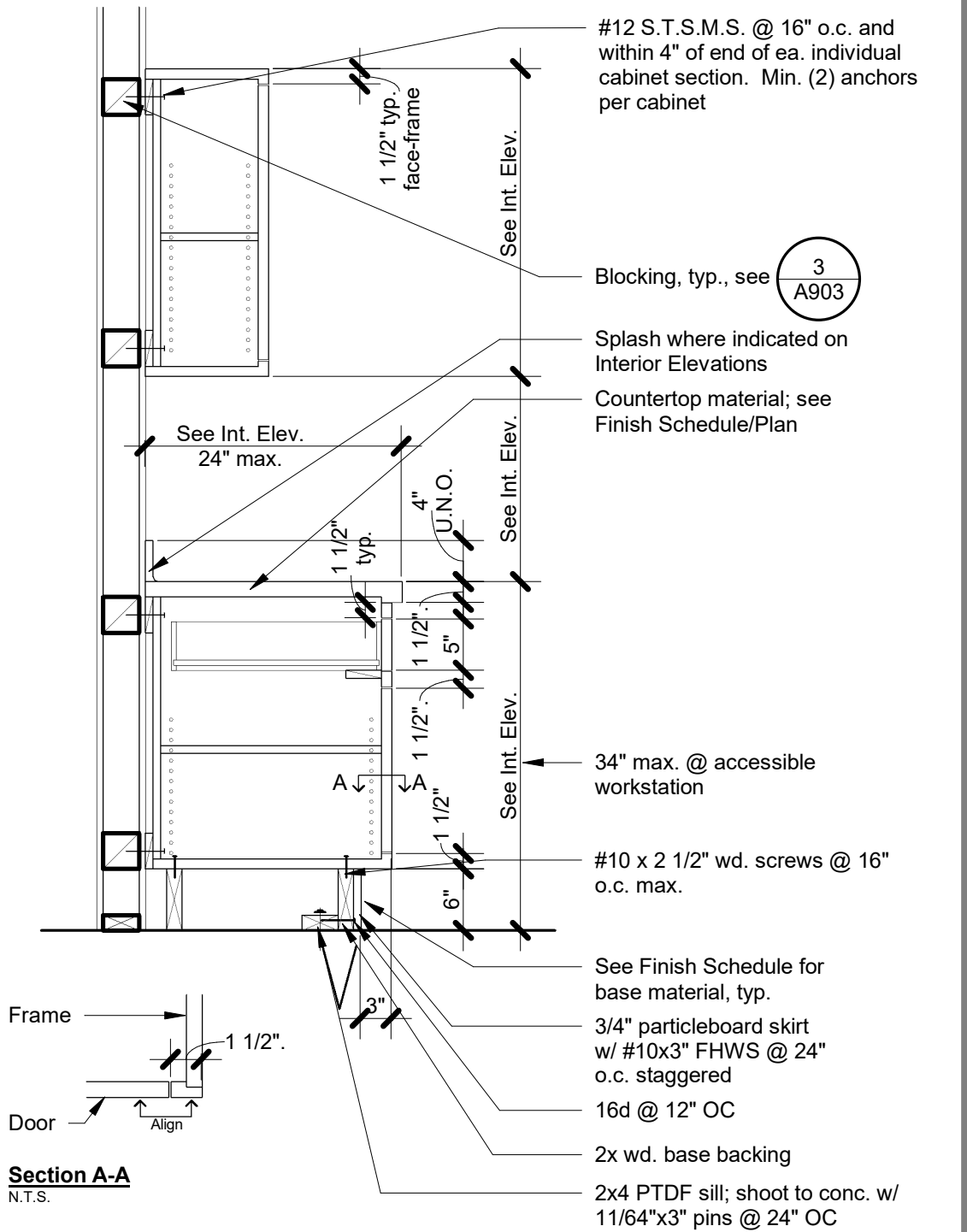
16 Suspended Partition - Panel Elevation
 1/2" = 1'-0"



7 Glass Barrier @ Reception Counter
 3" = 1'-0"



6 Wall Corner w/ Plywood Panel
 1 1/2" = 1'-0"



- Note:
- Filler strips are required at ends of cabinets where cabinets are adjacent to walls.
 - All filler strips at all tall & wall cabinets to have top & bottom returns.
 - Height dimensions of base cabinets include finished to thickness of 1-1/2" & sub-base height of 6" unless otherwise noted.
 - All plan dimensions of casework are countertop dimensions only & includes countertop overhang. Adjust casework dimensions accordingly.
 - All toe spaces shall be 6" in height & 3" in depth & shall return to wall where ends of cabinets are exposed.
 - All shelving shall be adjustable unless otherwise noted.
 - Provide dust closure panels to ceiling or dropped soffit as indicated on elevations or plan.
 - Provide finished end panels for support of countertop at undercounter equipment or knee spaces where there is no adjacent wall or cabinet that can be used for support.
 - Provide backsplash return at ends of countertops where adjacent to wall or other full height casework.
 - Finish all exposed surfaces of casework & countertops.
 - All sinks, sink trim, & electrical items shall be furnished by other than the casework manufacturer, unless otherwise indicated.
 - All drawers and cabinet doors to be installed inset to the face-frame assembly and should align with the face finish. For reference, see Section A-A.

1 Typ. Base and Upper Cabinet - Face-Frame
 3/4" = 1'-0"

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

SHEET: Interior Details

DRAWING SET INFORMATION:

06/19/2020	Plan Check Submittal
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REVISIONS:

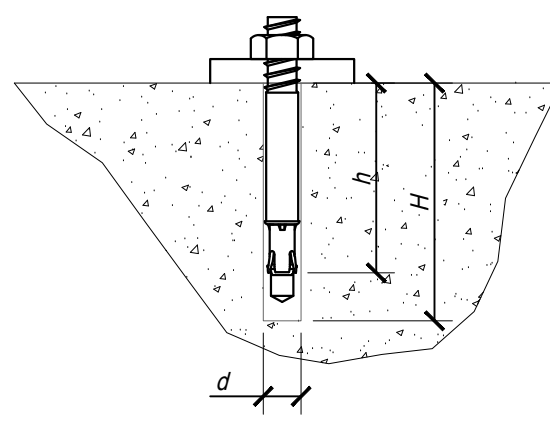
1	08/12/2020	Plan Check Revisions
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PROJECT NUMBER: 2016-39

SHEET NUMBER: AD1-A913

11. POST-INSTALLED WEDGE-TYPE ANCHORS

POST-INSTALLED WEDGE-TYPE ANCHORS		
ANCHOR DIAMETER (in.)	INSTALLATION TORQUE (ft-lb)	
	HILTI KB-TZ ICC ESR-1917	SIMPSON STRONG-BOLT 2 ICC ESR-3037
3/8	25	30
1/2	40	65
5/8	60	90
3/4	110	150



h = EFFECTIVE DEPTH OF ANCHORS AS INDICATED ON DRAWINGS

d = HOLE DIAMETER = ANCHOR DIAMETER

NOTES

- TORQUE TEST PROCEDURES ARE FOR HILTI KB-TZ WEDGE-ANCHORS ONLY. INSTALLED IN ACCORDANCE WITH ICC-ESR-1917 AND SIMPSON STRONG-BOLT WEDGE-ANCHORS INSTALLED IN ACCORDANCE WITH ICC-ESR-1771.
- ALL ANCHORS SHALL BE TORQUE TESTED. IOR OBSERVATION OF INSTALLATION TORQUE SHALL BE CONSIDERED ACCEPTABLE TESTING.
- THE TORQUE TESTING OF WEDGE ANCHORS SHALL BE DONE IN THE PRESENCE OF THE PROJECT INSPECTOR (IOR) OR A "SPECIAL INSPECTOR" MAY PERFORM THIS TEST. A REPORT OF THE TEST RESULTS SHALL BE SUBMITTED TO THE ENFORCEMENT AGENCY AND THE ARCHITECT. IF ANY ANCHORS FAIL THE TESTING REQUIREMENTS, THAT ANCHOR SHALL BE REPLACED BY ANOTHER ANCHOR PER ENGINEER'S DIRECTIVE.
- ANCHOR DIAMETER REFERS TO THE THREAD SIZE.
- TEST EQUIPMENT (INCLUDING TORQUE WRENCHES) IS TO BE CALIBRATED BY AN APPROVED TESTING LABORATORY IN ACCORDANCE WITH STANDARD RECOGNIZED PROCEDURES.

8. GLUED-LAMINATED BEAMS

A. INTERIOR GLU-LAM BEAMS NOT EXPOSED TO VIEW SHALL BE COMBINATION 24F OF DOUGLAS FIR DF-DF COMBINATIONS MEETING THE FOLLOWING STRESS REQUIREMENTS:

FB = 2400 PSI
 FV = 265 PSI
 E = 1.8 x 10⁶ PSI MINIMUM

- ALL BEAMS DESIGNATED V4: FB = 1850 PSI-TOP FOR SINGLE SPAN BEAMS.
- ALL BEAMS DESIGNATED V8: FB = 2400 PSI-TOP FOR CANTILEVER AND MULTIPLE SPANS.

ALL EXTERIOR AND INTERIOR EXPOSED GLU-LAM BEAMS SHALL BE COMBINATION 20F OF LAKSIR CEDAR FOR ACAC COMBINATIONS MEETING THE FOLLOWING STRESS REQUIREMENTS:

FB = 2000 PSI
 FV = 265 PSI
 E = 1.5 x 10⁶ PSI MINIMUM

- ALL BEAMS ARE DESIGNATED V18: Fp = 2000 PSI AT TOP AND BOTTOM

B. GLU-LAM BEAMS SHALL BE FABRICATED IN CONFORMANCE WITH STANDARD SPECIFICATIONS FOR STRUCTURAL GLU-LAM MEMBERS OF THE A.I.T.C.

C. LAMINATIONS SHALL BE 1/2" THICK.

D. ALL GLU-LAM SINGLE-SPAN BEAMS SHALL BE CAMBERED TO +1000" RADIUS UNLESS OTHERWISE NOTED ON THE PLANS. CANTILEVER BEAMS SHALL NOT BE CAMBERED UNLESS NOTED.

E. MANUFACTURE AND FABRICATION. THE MANUFACTURE AND FABRICATION OF STRUCTURAL GLUED-LAMINATED TIMBER SHALL BE IN ACCORDANCE WITH ANSI/APA 180.1 AND THE FOLLOWING REQUIREMENTS:

- JOINTS - ALL PORTIONS OF END JOINTS IN ADJACENT LAMINATIONS SHALL BE SEPARATED IN ACCORDANCE WITH ANSI/APA 1 AND ASTM D 2727. THE AREAS BEING SEPARATED SHALL BE SHOWN ON THE APPROVED DRAWINGS OR DESCRIBED IN THE SPECIFICATIONS.

F. SUBMIT SHOP DRAWINGS TO THE ARCHITECT FOR REVIEW PRIOR TO FABRICATION.

G. SUBMIT GLU-LAM CERTIFICATES TO BUILDING OFFICIALS PRIOR TO ERECTION.

H. CONTRACTOR SHALL VERIFY ALL GLU-LAM BEAM CAMBERS PRIOR TO INSTALLATION. CAMBERS SHALL BE MEASURED WITH BEAMS LAYING ON THEIR SIDES.

I. WALLS, PARAPETS, AND OTHER FRAMING SUPPORTED BY CAMBERED BEAMS SHALL BE BUILT WITH THE BEAM CAMBER UNLESS SPECIFICALLY NOTED OTHERWISE.

9. FIRE SPRINKLERS

A. THIS STRUCTURE HAS BEEN DESIGNED TO SUPPORT A UNIFORM FIRE SPRINKLER LOAD OF 0.82 psf. ADDITIONALLY ALL BEAMS AND TRUSSES HAVE BEEN DESIGNED TO SUPPORT THE CONCENTRATED LOADS OF ALL WATER FILLED SPRINKLER LINES. FIRE SPRINKLER LINE LAYOUTS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW OF FRAMING PRIOR TO STARTING WORK.

B. LAYOUT AND DETAILS OF THE FIRE SPRINKLER SYSTEM SHALL BE REVIEWED AND APPROVED BY THE APPLICABLE FIRE MARSHAL PRIOR TO SUBMITTING THE PLANS. THE FIRE SPRINKLER SYSTEM SHALL BE INSTALLED BY A LICENSED FIRE SPRINKLER CONTRACTOR AND SHALL BE INSPECTED AND APPROVED BY THE APPROPRIATE FIRE MARSHAL PRIOR TO APPROVAL OF OCCUPANCY OF THE BUILDING.

10. SPECIAL INSPECTIONS

A. A STATEMENT FOR SPECIAL INSPECTION PREPARED BY THE SPECIAL INSPECTION AGENCY OF RECORD IN ACCORDANCE WITH 2016 CBC 1703A.1 MUST BE SUBMITTED PRIOR TO ISSUANCE OF PERMITS. THE SPECIAL INSPECTION AGENCY MUST BE CERTIFIED BY THE LOCAL INTERMEDIATE CODE COUNCIL AND APPROVED BY THE BUILDING OFFICIAL. THE PROPOSAL MUST INDICATE THAT SPECIAL INSPECTION WAS RETAINED BY THE OWNER, OR THE OWNER'S AGENT, BUT NOT THE CONTRACTOR OR THE PERSON RESPONSIBLE FOR THE WORK. THE PROPOSAL MUST IDENTIFY THE SCOPE OF REQUIRED INSPECTIONS, LIST THE INDIVIDUALS PERFORMING THE INSPECTIONS (INCLUDE CURRENT INDIVIDUAL CERTIFICATIONS AS WELL AS THE LABORATORY'S CERTIFICATION), AND MUST BE ATTACHED TO EACH SET OF PLANS.

B. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING ALL SPECIFIED INSPECTIONS AND TESTING WITH THE INSPECTION/TESTING AGENCY. SEE SPECIFICATIONS FOR REQUIRED INSPECTIONS AND TESTING REQUIREMENTS.

C. THE FOLLOWING ITEMS ARE SUBJECT TO "SPECIAL INSPECTION" IN CONFORMANCE WITH CBC SEC. 1701. (EXCEPTIONS MAY BE TAKEN WHERE APPLICABLE):

- ALL STRUCTURAL WELDING.
- HIGH STRENGTH BOLTS MARKED "SC" - SLIP CRITICAL CONNECTIONS.
- ANCHOR BOLTS AT FRAME COLUMNS AS INDICATED ON PLANS.
- CONCRETE WHEN DESIGN FC > 2500 PSI. (SEE CONCRETE MIX DESIGN SCHEDULE).
- SPECIAL GRADING, EXCAVATION, AND FILLING.
- INSTALLATION OF I.C.C. APPROVED WEDGE-TYPE BOLTS INTO CONCRETE.
- PERIODIC INSPECTIONS OF WOOD SHEARWALLS AND WOOD DIAPHRAGMS WHERE FASTENER SPACING IS LESS THAN 6" OC.
- HIGH LOAD PLYWOOD DIAPHRAGMS INCLUDING PANEL GRADE AND THICKNESS, NOMINAL SIZE OF FRAMING MEMBERS AT ADJOINING PANEL EDGES, AND SIZE, SPACING, NUMBER OF FASTENER LINES, AND EDGE DISTANCE OF PLYWOOD EDGE NAILS.

12. TYPICAL FASTENING SCHEDULE

PER CBC TABLE 2304.10.1

CONNECTION	FASTENING	LOCATION
1. JOIST TO SILL OR GIRDER	3 - 8d COMMON (2 1/2" x 0.131")	TOENAIL
2. BRIDGING TO JOIST	2 - 8d COMMON (2 1/2" x 0.131")	TOENAIL EACH END
3. 1"x6" SUBFLOOR OR LESS TO EACH JOIST	2 - 8d COMMON (2 1/2" x 0.131")	FACE NAIL
4. WIDER THAN 1"x6" SUBFLOOR TO EACH JOIST	3 - 8d COMMON (2 1/2" x 0.131")	FACE NAIL
5. 2" SUBFLOOR TO JOIST OR GIRDER	2 - 16d COMMON (3 1/2" x 0.162")	BLIND AND FACE NAIL
6. SOLE PLATE TO JOIST OR BLOCKING	3 - 16d COMMON (3 1/2" x 0.162") AT 16" OC	TYPICAL FACE NAIL
SOLE PLATE TO JOIST OR BLOCKING AT BRACED WALL PANEL	16d COMMON (3 1/2" x 0.162") AT 16" OC	BRACED WALL PANELS
7. TOP PLATE TO STUD	2 - 16d COMMON (3 1/2" x 0.162")	END NAIL
8. STUD TO SOLE PLATE	4 - 8d COMMON (2 1/2" x 0.131")	TOENAIL
8A. STUD TO 2x SOLE PLATE	2 - 16d COMMON (3 1/2" x 0.162")	END NAIL
8B. STUD TO 3x SOLE PLATE	2 - 20x BOX (4" x 0.148")	END NAIL
9. DOUBLE STUDS	16d COMMON (3 1/2" x 0.162") AT 24" OC	FACE NAIL
10. DOUBLE TOP PLATES	16d COMMON (3 1/2" x 0.162") AT 16" OC	TYPICAL FACE NAIL
11. BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE	8 - 16d COMMON (3 1/2" x 0.162")	LAP SPLICE
12. RIM JOIST TO TOP PLATE	3 - 8d COMMON (2 1/2" x 0.131")	TOENAIL
13. TOP PLATES, LAPS AND INTERSECTIONS	2 - 16d COMMON (3 1/2" x 0.162")	FACE NAIL
14. CONTINUOUS HEADER, TWO PIECES	16d COMMON (3 1/2" x 0.162")	16" OC ALONG EDGE
15. CEILING JOIST TO PLATE	3 - 8d COMMON (2 1/2" x 0.131")	TOENAIL
16. CONTINUOUS HEADER TO STUD	4 - 8d COMMON (2 1/2" x 0.131")	TOENAIL
17. CEILING JOISTS, LAPS OVER PARTITIONS (SEE SECTION 2308.10.4.1, TABLE 2308.10.4.1)	3 - 16d COMMON (3 1/2" x 0.162") MIN. TABLE 2308.10.4.1	FACE NAIL
18. CEILING JOISTS TO PARALLEL RAFTERS (SEE SECTION 2308.10.4.1, TABLE 2308.10.4.1)	3 - 16d COMMON (3 1/2" x 0.162") MIN. TABLE 2308.10.4.1	FACE NAIL
19. RAFTER TO PLATE (SEE SECTION 2308.7.5, TABLE 2308.7.5)	3 - 8d COMMON (2 1/2" x 0.131")	TOENAIL
20. 1" DIAGONAL BRACE TO EACH STUD AND PLATE	2 - 8d COMMON (2 1/2" x 0.131")	FACE NAIL
21. NOT USED		
22. NOT USED		
23. BUILT UP CORNER STUDS	16d COMMON (3 1/2" x 0.162")	24" OC
24. NOT USED		
25. 2" PLANKS	2 - 16d COMMON (3 1/2" x 0.162")	AT EACH BEARING
4x POST TO SILL PLATE	SIMP BCO TYPE (U.N.O.)	
6x POST TO SILL PLATE	SIMP BCO TYPE (U.N.O.)	
STUD WALL BLOCKING	2 - 16d COMMON (3 1/2" x 0.162")	END NAIL OR TOENAIL
JOIST BLOCKING - BLOCKING TO JOIST	2 - 16d COMMON (3 1/2" x 0.162")	END NAIL
JOIST BLOCKING - BLOCKING TO PLATE	3 - 16d COMMON (3" x 0.148")	TOENAIL
BEAM TO TOP OF POST	SIMP PC SERIES (U.N.O.)	

6. STRUCTURAL STEEL AND MISCELLANEOUS METALS

A. GENERAL:

- FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH ACCEPTED PRACTICES OF THE A.I.S.C.
- STEEL TO BE TESTED WILL BE INDICATED IN THE SPECIFICATIONS. TESTING WILL BE WAIVED WITH MILL CERT. IDENTIFICATION.
- WELDING OF STRUCTURAL STEEL SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE A.I.S.C. "STRUCTURAL WELDING CODE" (AWS D1.1-10). WHERE WELDS ARE DESIGNATED AS "DEMAND CRITICAL," THEY SHALL BE MADE WITH FILLER METAL MEETING THE REQUIREMENTS OF THE A.I.S.C. CLASS 5.
- WELDING PROCEDURE SPECIFICATIONS "WPS" SHALL BE SUBMITTED TO THE SPECIAL INSPECTOR FOR ALL WELD TYPES USED ON THE PROJECT. SPECIAL INSPECTOR OF LAKSIR CEDAR SHALL REVIEW THE WPS. HIS OFFICE HAS REVIEWED AND APPROVED ALL WELDING PROCEDURES.
- WELDERS CERTIFICATES SHALL BE SUBMITTED TO THE PROJECT INSPECTOR PRIOR TO STARTING WORK. WELDERS SHALL BE QUALIFIED BY AWS CERTIFICATION FOR THE TYPE OF WORK TO BE DONE.
- ALL WELDING SHALL BE SUBJECT TO SPECIAL INSPECTION. SPECIAL SHALL BE IN CONFORMANCE WITH THE CBC AND THE LOCAL BUILDING OFFICIALS. ONLY STEEL FABRICATORS APPROVED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) OR THE INTERNATIONAL ACCREDITED SERVICE (IAS - A SUBSIDIARY OF THE INTERNATIONAL CODE COUNCIL) WILL BE CONSIDERED AN APPROVED STEEL FABRICATOR, AND THEREFORE EXEMPT FROM SPECIAL INSPECTION FOR SHOP WELDING. ALL FIELD WELDING SHALL BE INSPECTED.
- FABRICATION SHALL NOT TAKE PLACE UNTIL SHOP DRAWINGS HAVE BEEN RECEIVED. RETURN AND REWORK OF THE QUALITY CONTROL SHALL BE AT THE CONTRACTOR'S RISK.
- COLUMN BASE PLATES MAY HAVE 1/4" MAX. OVERSIZE BOLT HOLES WITH STANDARD NUT AND 1/8" MAX. OVERSIZE BOLT HOLES WITH HEAVY-HEX NUTS.

B. MATERIALS:

- STRUCTURAL STEEL
 - WIDE FLANGES - ASTM A992 (Gr. 50)
 - CHANNELS, ANGLES & BASE PLATES - ASTM A36, Gr. A
 - STRUCTURAL PIPE - ASTM A53, GRADE B
 - STRUCTURAL HSS RECTANGULAR TUBING - ASTM A500, GRADE C (Fy = 50 KSI)
 - STANDARD AND HEAVY HEX NUTS - ASTM A563, TYPICAL UNLESS NOTED OTHERWISE
 - STANDARD ANCHOR BOLTS - ASTM F1554 (Gr. 36 OR Gr. 55, UNLESS NOTED)
 - HIGH STRENGTH BOLTS - LESS THAN OR EQUAL TO 1 1/2" DIAMETER - ASTM F1554 Gr. A52, TYPE 1 OR 3. HIGH STRENGTH BOLTS EXPOSED TO WEATHER SHALL BE TYPE 3.
 - TWIST-OFF TYPE TENSION CONTROL BOLTS - LESS THAN OR EQUAL TO 1 1/2" DIAMETER ASTM F3125, Gr. F1825, TYPE 1 OR 3. HIGH STRENGTH BOLTS EXPOSED TO WEATHER SHALL BE TYPE 3.
 - WASHERS - AS REQUIRED BY THE AISC, RCSC, SECTION 6 - USE OF WASHERS
 - WELDING RODS - HEAVILY COATED, CONFORMING WITH A.W.S. SPECIFICATIONS FOR ARC WELDING. ELECTRODES OF CLASSIFICATION NUMBERS SUITABLE FOR THE WORK TO BE DONE.

SHOP DRAWING SUBMITTALS:

- SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW PRIOR TO FABRICATION. SEE SPECIFICATIONS FOR SUBMITTALS REQUIRED.
- SHOP DRAWINGS SHALL NOT BE PREPARED UNTIL ALL CONDITIONS HAVE BEEN VERIFIED.
- DETAILER SHALL SUBMIT RPT'S FOR ISSUES REQUIRING RESOLUTION FOR FABRICATION OF SHOP DRAWINGS. MINOR ISSUES MAY BE CLOUDED IN THE SHOP DRAWINGS.
- FABRICATOR SHALL SUBMIT SHOP DRAWINGS IN MULTIPLE SUBMITTALS OF SIZES TO ALLOW FOR ARCHITECT/ENGINEER REVIEW IN THE SPECIFIED ALLOTTED TIME (SEE SPECIFICATIONS).
- FABRICATOR SHALL BE RESPONSIBLE FOR DETERMINING THE SIZE OF REQUIRED SHOP DRAWINGS TO ALLOW FOR IMPLEMENTING THE WORK WITHIN THE FABRICATION SCHEDULE.
- SHOP DRAWING PREPARATION SHALL INCLUDE A CONTINGENCY TO ALLOW FOR MINOR REVISIONS RESULTING FROM ARCHITECTS' AND ENGINEERS' REVIEW.

D. SHOP DRAWINGS SHALL BE SUBMITTED IN PORTIONS AND INCREMENTS COMPATIBLE WITH THE INTENDED FABRICATION SCHEDULE. WHEN SUBMITTALS ARE IN SIZES TOO LARGE TO BE SUBMITTED AND APPROVED BY THE BUILDING OFFICIAL, THE SUBMITTALS WILL BE RETURNED FOR CONNECTIONS AND RE-SUBMITTAL WILL BE REQUIRED.

E. DETAILS SHOWN IN THESE DRAWINGS FOR THE SUPPORT OF ROOF AND/OR FLOOR MOUNTED EQUIPMENT AND OPENINGS IN ROOF AND/OR FLOOR DECKS ARE TYPICAL CONDITIONS. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL, MECHANICAL, PLUMBING ELECTRICAL AND OTHER CONTRACT DOCUMENTS FOR EQUIPMENT AND OPENING LOCATIONS, SIZES AND MOUNTING REQUIREMENTS.

F. CONTRACTOR SHALL VERIFY AND ACCEPT ALL STEEL BEAM CAMBERS PRIOR TO INSTALLATION. VERIFICATION OF CAMBER SHALL BE WITH THE BEAM ON ITS SIDE IN AN UNLOADED CONDITION.

7. PREMANUFACTURED I-JOIST

A. WOOD I-JOIST COMPONENTS ARE TO BE PROVIDED AS "DESIGN-BUILT." JOISTS SHALL CONFORM TO THE REQUIREMENTS OF THESE DRAWINGS.

B. MATERIALS: WOOD JOISTS SHALL BE I.C.C. APPROVED, FACTORY MANUFACTURED WITH STRUCTURAL WOOD CHORDS AND WEBS AS FOLLOWS:

- ALL CHORDS SHALL BE LAMINATED VENEER LUMBER (LVL); MATERIAL AND SHALL BE ONE CONTINUOUS PIECE WITH NO SPLICES FULL LENGTH OF JOIST.
- ALL WEBS SHALL BE SOLID PLYWOOD OR ORIENTED STRAND BOARD, OSB.
- ALL WEB SPLICES SHALL BE GLED.
- WHERE OSB WEBS ARE PROVIDED THEY SHALL MEET THE FOLLOWING REQUIREMENTS WHEN MEASURED IN ACCORDANCE WITH ASTM D-1037
 - MINIMUM THICKNESS SHALL BE 20%
 - MINIMUM INTERNAL BOND (TENSILE STRENGTH PERPENDICULAR TO SURFACE) OF 60 PSI.

C. DESIGN: MEMBER SIZES, FORCES AND CONNECTION DETAILS TO BE FURNISHED BY MANUFACTURER. SUBMIT SHOP DRAWINGS AND CALCULATIONS TO THE ARCHITECT FOR REVIEW PRIOR TO FABRICATION. DESIGN PER C.B.C. WITH 1.5% MAX STRESS INCREASE FOR DURATION OF LOAD ON ROOF STUDS. THE DESIGN OF ALL JOISTS SHALL BE SUPERSEDED AND SIGNED BY A CALIFORNIA REGISTERED PROFESSIONAL ENGINEER.

D. DESIGN DEAD LOADS SHALL NOT BE LESS THAN THOSE SPECIFIED IN 1. GENERAL + MECHANICAL EQUIPMENT. PROVIDE JOIST HANGERS FOR ALL JOISTS TO CARRY WEIGHT OF MECHANICAL UNITS. COORDINATE WITH THE EQUIPMENT SUPPLIERS AND GENERAL CONTRACTOR. SEE STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS.

E. FIRE SPRINKLER AND PLUMBING LINES LARGER THAN 1 1/2" DIAMETER SHALL NOT BE SUPPORTED BY I-JOISTS.

F. JOIST SIZE, SPACING, GEOMETRY AND COMPONENT MATERIALS SHALL MEET THE REQUIREMENTS OF THE SPECIFICATIONS AND DRAWINGS. SUPPORT CONDITIONS SHALL COMPLY WITH ALL RELATED STRUCTURAL REQUIREMENTS AS DETAILED ON THE DRAWINGS.

G. THE DESIGN OF JOIST HANGERS HAS BEEN BASED ON THE SIZE AND GEOMETRY OF REBUILT I-JOISTS MODELS INDICATED. WHERE JOIST SIZES ARE NOT COMPATIBLE WITH THE JOIST HANGERS SPECIFIED, CONTRACTOR SHALL SUBMIT SUBSTITUTE HANGERS FOR APPROVAL.

H. FABRICATION:

- JOIST FABRICATION SHALL BE BASED ON THE DIMENSION AND DETAIL REQUIREMENTS OF THE DRAWINGS.
- ALL WEB JOINTS AND CHORD TO WEB CONNECTIONS SHALL BE FULLY GLUED.
- ALL WEB STIFFENER BLOCKS SHALL BE PROVIDED LOOSE BY THE JOIST MANUFACTURER WITH INSTALLATION REQUIREMENTS. GENERAL CONTRACTOR SHALL INSTALL BLOCKS ON SITE.
- JOIST BLDG. SHALL BE PROVIDED BY THE JOIST MANUFACTURER. JOISTS SHALL BE PREPARED BY THE MANUFACTURER TO RECEIVE THE JOIST BLOCKING WITHOUT SUPERSEDED AND SIGNED BY A CALIFORNIA REGISTERED PROFESSIONAL ENGINEER.
- MULTIPLE (GRID) JOISTS SHALL BE ASSEMBLED BY THE MANUFACTURER. LOCATIONS OF LOAD TRANSFER BLOCKS SHALL BE MARKED ON THE EXPOSED SURFACES OF WEBS AND SHOWN ON THE SHOP DRAWINGS. MULTIPLE MICROLAM OR PARALLAM MAY BE USED IN LIEU OF MULTIPLE JOISTS WITH ENGINEER'S APPROVAL.

H. SUBMITTALS:

- SUBMIT SHOP DRAWINGS AND DESIGN CALCULATIONS TO THE ARCHITECT FOR REVIEW PRIOR TO FABRICATION.
- SUBMITTALS SHALL INDICATE MEMBER SIZES AND TYPES, LOCATION ON PROJECT AND ALL BRIDGINGS AND BRACING REQUIRED FOR PROPER PERFORMANCE OF THE I-JOISTS.
- CALCULATIONS AND DRAWINGS SHALL BE SUBMITTED WITHIN 30 DAYS OF PERMIT ISSUANCE. NO INSPECTIONS WILL BE BY THE BUILDING OFFICIALS UNTIL SUBMITTALS ARE APPROVED.

I. APPROVALS:

- JOISTS SHALL NOT BE INSTALLED UNTIL DESIGN HAS BEEN APPROVED.
- APPROVED I-JOIST DRAWINGS MUST BE ON THE JOB SITE FOR INSPECTION PURPOSES.

J. QUALITY OF FABRICATION:

- FABRICATOR SHALL HAVE A RECORD OF IN-PLANT TESTING & INSPECTION IN CONFORMANCE WITH ICC.
- ALL I-JOIST TYPES SHALL BE TESTED, PER ICC, REGARDLESS OF THE NUMBER OF COMPONENTS FABRICATED.
- SUBMIT IN-PLANT LOAD TEST RECORDS TO ARCHITECT FOR REVIEW PRIOR TO DELIVERY AND INSTALLATION.

4. REINFORCED HOLLOW-UNIT CONCRETE BLOCK MASONRY

A. ALL MASONRY CONSTRUCTION SHALL BE OF GROUTED, REINFORCED, CONCRETE MASONRY UNITS WITH Fm AS LISTED ABOVE. REFER TO THE PROJECT SPECIFICATIONS FOR OTHER RELATED INFORMATION.

B. ALL MASONRY WORK SHALL CONFORM TO THE 2016 CBC AND THE ACI 530-13 AND 530.1-13, ASCI 6-13 AND ASCE 6-13 RESPECTIVELY.

C. SPECIAL INSPECTION SHALL BE PROVIDED BY AN INDEPENDENT INSPECTION AGENCY CERTIFIED FOR MASONRY INSPECTION, IN CONFORMANCE WITH ACI 530 LEVEL B SPECIAL INSPECTION TABLE 1.19.2.

D. MATERIALS:

- PORTLAND CEMENT ASTM C150 TYPE 1 OR 1.1, LOW ALKALI.
- AGGREGATE: MORTAR SAND - ASTM C144, GROUT SAND - ASTM C404.
- HYDRATED LIME: ASTM C207, TYPE S.
- ADMITTERS: ONLY AS APPROVED BY THE ARCHITECT.
- CONCRETE BLOCK MASONRY UNITS: ASTM C90, (MIN. COMPRESSIVE STRENGTH AS INDICATED IN SCHEDULE BELOW BY UNIT STRENGTH METHOD) WITH MAXIMUM 06% LINEAR SHRINKAGE WHEN TESTED IN ACCORDANCE WITH C144. STANDARDS.
- REINFORCING MATERIALS: ASTM A615, GRADE 60 DEFORMED BARS, WELDED REBAR: ASTM A706 (WHERE REO'D PER PLANS AND DETAILS). SEE "MASONRY LAP SPLICES" FOR TIE REBAR LAP REQUIREMENTS.

E. MORTAR:

- ASTM C270 STRENGTH TYPE S, 1200 psi @ 7 DAYS AND 1800 psi @ 28 DAYS FOR LABORATORY PREPARED SAMPLES, 1500 psi @ 28 DAYS FOR FIELD TEST SPECIMENS. FIELD SAMPLES SHALL NOT BE USED TO VERIFY CONSISTENCY OF MATERIALS AND PROCEDURES ONLY.

F. GROUT:

- STRENGTH: AS REQUIRED PER SCHEDULE LISTED BELOW.
- COMPOSITION: GROUT SHALL BE PROPORTIONED FOR "COARSE GROUT" PER ASTM C476-02 AND CBC 2103.3.

G. MASONRY UNITS SHALL BE TESTED BY THE "UNIT STRENGTH METHOD" (SEE SPECIFICATIONS). "PRISM TEST METHOD" IS NOT AN ACCEPTABLE SUBSTITUTE WITHOUT WRITTEN DIRECTION FROM THE ARCHITECT WITH BUILDING OFFICIAL APPROVAL.

H. GROUTING PROCEDURES SHALL BE AS REQUIRED BY ACI 530 1.3.5, AND AS FOLLOWS:

- THE TOTAL GROUT POUR SHALL NOT EXCEED THE LIMITS OF ACI 530.1-TABLE 7, IN LIFTS NOT EXCEEDING 5'-4" PROVIDE AT VERTICAL REINFORCING BARS, 32% MAX.
- CLEANOUTS: PROVIDE CLEANOUT OPENINGS FOR ALL WALLS AT THE BOTTOM OF EVERY REINFORCED CELL FOR EACH POUR EXCEEDING 4'-4" NOT EXCEEDING 32% OF THE COURSE AT THE BOTTOM OF THE POUR SHALL BE CONSTRUCTED ENTIRELY OF INVERTED OPEN END BOND BEAM UNITS. THE OPENINGS SHALL BE MADE PRIOR TO THE LAYING OF MASONRY UNITS AND BE OF SUFFICIENT SIZE AND LOCATION TO ALLOW THOROUGH REMOVAL OF MORTAR DROPPINGS AND/OR DEBRIS. AFTER THE LAYING OF MASONRY UNITS IS COMPLETED, THE CELLS CLEANED, THE REINFORCING STEEL POSITIONED, AND THE INSPECTION COMPLETED, CLOSE THE CLEANOUTS BY INSERTING FACE SHELLS OF MASONRY UNITS OR COVERING THE OPENINGS WITH FORMS, FACE PLUGS SHALL BE ADEQUATELY BRACED TO RESIST THE HYDROSTATIC PRESSURE EXERTED BY THE GROUT.

I. ALL GROUT SHALL BE VIBRATED IN PLACE WITH A MECHANICAL VIBRATOR DESIGNED FOR MASONRY CONSTRUCTION AND USED BY EXPERIENCED PERSONNEL.

J. CONCRETE BLOCK MASONRY UNITS SHALL BE DRY AND CLEAN BEFORE GROUTING OPERATION.

K. ALL MASONRY SHALL BE "RUNNING BOND" CONSTRUCTION UNLESS OTHERWISE SPECIFIED, WHERE MASONRY STAGED BOND CONSTRUCTION IS SPECIFIED USE OPEN END UNITS SO THAT ALL HEAD JOINTS ARE MARSHAL, AND USE BOND BEAM UNITS TO FACILITATE THE FLOW OF GROUT. ALL UNITS SHALL BE GROUTED SOLID.

L. CONTROL JOINTS (C.J.) SHALL BE PROVIDED FOR ALL WALLS IN EXCESS OF 24 FEET LONG. JOINTS SHALL BE SPACED AT 24'oc MAX UNLESS OTHERWISE INDICATED ON PLANS. JOINT LOCATIONS SHALL BE APPROVED BY THE ENGINEER AND ARCHITECT PRIOR TO POURING WALL FOOTINGS. JOINTS SHALL BE AS DETAILED ON THE DRAWINGS.

M. CONDUITS AND PIPES:

- CONDUITS SHALL BE ALLOWED IN CELLS FOR VERTICAL RUNS ONLY, IN ACCORDANCE WITH THE FOLLOWING PARAMETERS: NO HORIZONTAL RUNS ARE ALLOWED EXCEPT THAT HORIZONTAL RUNS ARE ALLOWED TO PASS THROUGH WALLS TO AVOID INTERFERENCE AND CONGESTION WITH REINFORCING STEEL AND OTHER EMBEDDED ITEMS.

WATER, GAS AND OTHER PIPES MAY PENETRATE THROUGH A WALL IN A SLEEVE BUT SHALL NOT BE EMBEDDED IN WALLS.

- REINFORCED CELLS: LIMIT CONDUIT TO ONE 3/4" DIAMETER CONDUIT PER CELL, PROVIDED THE FOLLOWING CONDITIONS ARE MAINTAINED:
 - REINFORCING STEEL SHALL BE PROPERLY PLACED AND SHALL NOT BE RELOCATED TO ACCOMMODATE CONDUITS.
 - GROUT COVER BETWEEN CONDUIT AND REINFORCING STEEL SHALL BE 2.5 x BAR DIAMETER, 1 1/2" MIN. (1 1/2" AT #5 BARS, 1 1/4" AT #6 BARS).

- UNREINFORCED CELLS: LIMIT CONDUIT TO TWO 1/2" DIAMETER CONDUIT PER CELL, OR ONE 1 1/2" DIAMETER CONDUIT PER CELL, PROVIDED THE FOLLOWING CONDITIONS ARE MAINTAINED:
 - CONDUIT SHALL NOT BE PLACED CLOSER THAN 3 x DIAMETER, CENTER TO CENTER, TO ADJACENT CONDUIT.
 - MAINTAIN A MINIMUM CLEAR AREA WITHIN THE CELL FOR GROUT CLEARANCE AND CONSOLIDATION BY VIBRATION.

- NO CONDUITS ARE ALLOWED IN WALLS LESS THAN 8" NOMINAL THICKNESS.

Fm SPECIFIED	MIN. STRENGTH OF MASONRY UNIT	GROUT STRENGTH @ 7 DAYS	MIN. GROUT STRENGTH @ 28 DAYS
2000 psi	2000 psi	1250 psi	2000 psi

D. DESIGN DEAD LOADS SHALL NOT BE LESS THAN THOSE SPECIFIED IN 1. GENERAL + MECHANICAL EQUIPMENT. PROVIDE JOIST HANGERS FOR ALL JOISTS TO CARRY WEIGHT OF MECHANICAL UNITS. COORDINATE WITH THE EQUIPMENT SUPPLIERS AND GENERAL CONTRACTOR. SEE STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS.

E. FIRE SPRINKLER AND PLUMBING LINES LARGER THAN 1 1/2" DIAMETER SHALL NOT BE SUPPORTED BY I-JOISTS.

F. JOIST SIZE, SPACING, GEOMETRY AND COMPONENT MATERIALS SHALL MEET THE REQUIREMENTS OF THE SPECIFICATIONS AND DRAWINGS. SUPPORT CONDITIONS SHALL COMPLY WITH ALL RELATED STRUCTURAL REQUIREMENTS AS DETAILED ON THE DRAWINGS.

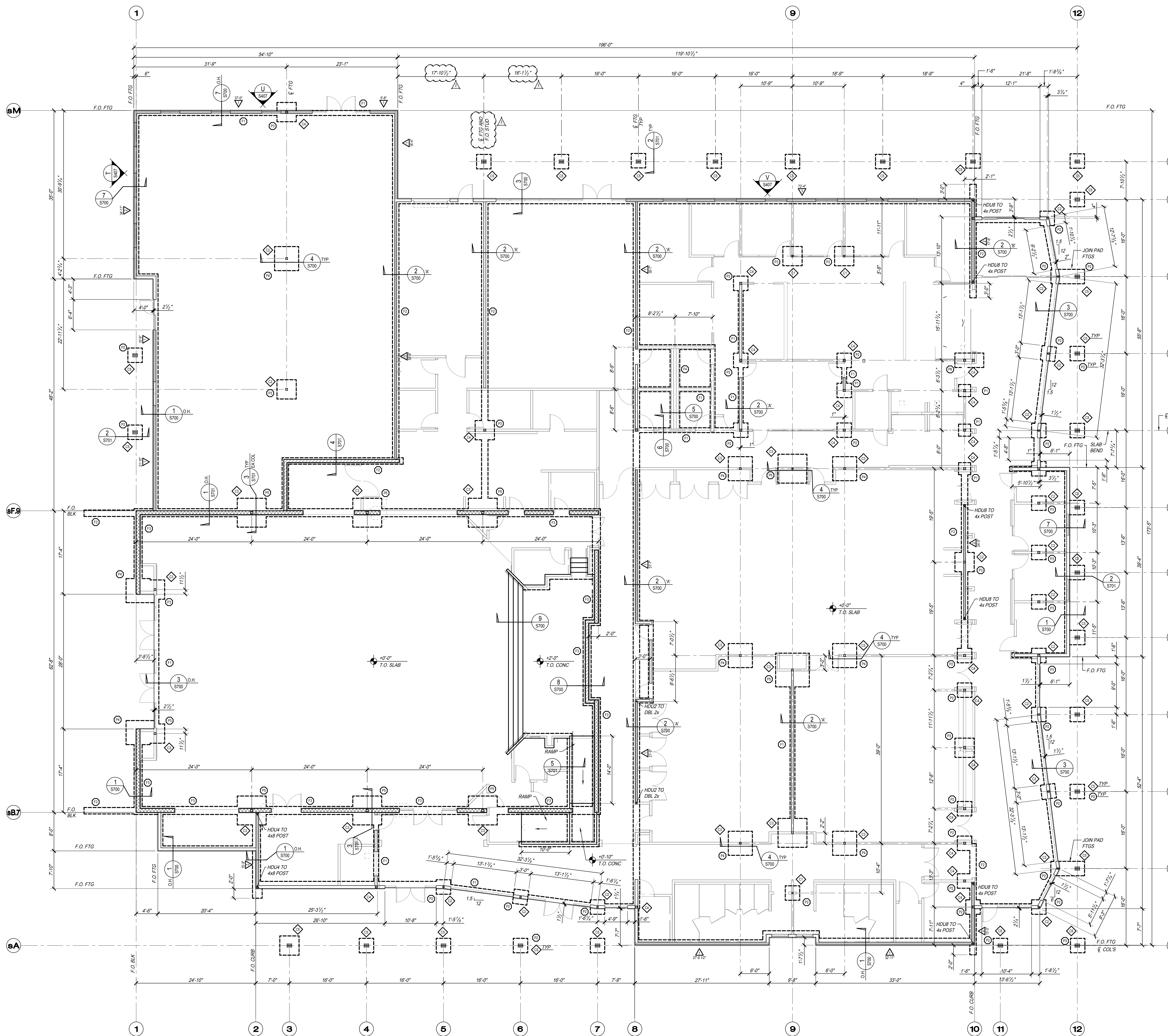
G. THE DESIGN OF JOIST HANGERS HAS BEEN BASED ON THE SIZE AND GEOMETRY OF REBUILT I-JOISTS MODELS INDICATED. WHERE JOIST SIZES ARE NOT COMPATIBLE WITH THE JOIST HANGERS SPECIFIED, CONTRACTOR SHALL SUBMIT SUBSTITUTE HANGERS FOR APPROVAL.

H. FABRICATION:

- JOIST FABRICATION SHALL BE BASED ON THE DIMENSION AND DETAIL REQUIREMENTS OF THE DRAWINGS.
- ALL WEB JOINTS AND CHORD TO WEB CONNECTIONS SHALL BE FULLY GLUED.
- ALL WEB STIFFENER BLOCKS SHALL BE PROVIDED LOOSE BY THE JOIST MANUFACTURER WITH INSTALLATION REQUIREMENTS. GENERAL CONTRACTOR SHALL INSTALL BLOCKS ON SITE.
- JOIST BLDG. SHALL BE PROVIDED BY THE JOIST MANUFACTURER. JOISTS SHALL BE PREPARED BY THE MANUFACTURER TO RECEIVE THE JOIST BLOCKING WITHOUT SUPERSEDED AND SIGNED BY A CALIFORNIA REGISTERED PROFESSIONAL ENGINEER.
- MULTIPLE (GRID) JOISTS SHALL BE ASSEMBLED BY THE MANUFACTURER. LOCATIONS OF LOAD TRANSFER BLOCKS SHALL BE MARKED ON THE EXPOSED SURFACES OF WEBS AND SHOWN ON THE SHOP DRAWINGS. MULTIPLE MICROLAM OR PARALLAM MAY BE USED IN LIEU OF MULTIPLE JOISTS WITH ENGINEER'S APPROVAL.

H. SUBMITTALS:

- SUBMIT SHOP DRAWINGS AND DESIGN CALCULATIONS TO THE ARCHITECT FOR REVIEW PRIOR TO FABRICATION.
- SUBMITTALS SHALL INDICATE MEMBER SIZES AND TYPES, LOCATION ON PROJECT AND ALL BRIDGINGS AND BRACING REQUIRED FOR PROPER PERFORMANCE OF THE I-JOISTS.
- CALCULATIONS AND DRAWINGS SHALL BE SUBMITTED WITHIN 30 DAYS OF PERMIT ISSUANCE. NO INSPECTIONS WILL BE BY THE BUILDING OFFICIALS UNTIL SUBMITTALS ARE APPROVED.



FOUNDATION NOTES

- REFER TO GENERAL NOTES ON S100
- | TYP. DETAIL | DESCRIPTION |
|-------------|------------------------------|
| 1/S101 | SLAB INFORMATION |
| 3/S101 | WALL & FOOTING REINFORCING |
| 4/S101 | FOOTING POUR STOPS |
| 5/S101 | PIPE & FOOTING INTERSECTIONS |
| 6/S101 | TYPICAL STEPPED FOOTING |
| 7/S101 | TYPICAL HOLD-DOWN |
- ALL EMBEDDED ITEMS SHALL BE IN PLACE & SECURED PRIOR TO POURING OF CONCRETE.
- ALL COLUMNS AND WALLS TO BE CENTERED ON PADS AND FOOTINGS, RESPECTIVELY, U.N.O.
- ⊙ = FOOTING TYPE - SEE "FOOTING SCHEDULE"
- ⊞ = WOOD POST
- ⊞ = STEEL COLUMN
- ⊞ = PLYWOOD SHEARWALL TYPE, SEE SCHEDULE ON SHEET S-X.
 - OTHER AREAS OF WALL TO RECEIVE TYPE ⊞ PLYWOOD AS REQUIRED TO FLUSH SURFACES.
 - ⊞ PLYWOOD THIS SIDE
 - MIN SHEARWALL DESIGN LENGTH - ENGINEER TO BE NOTIFIED IF ACTUAL LENGTH IS LESS.
 - SMP: HOLD-DOWN PER 7/S101 - SEE PLANS FOR LOC'S

TYPE	SIZE	REINFORCEMENT
⊞	1'-0" WIDE x 1'-6" DEEP	2 #5 CONT TOP AND BOTTOM
⊞	1'-4" WIDE x 1'-6" DEEP	2 #5 CONT TOP AND BOTTOM
⊞	1'-8" WIDE x 1'-6" DEEP	2 #5 CONT TOP AND BOTTOM
⊞	2'-0" WIDE x 1'-6" DEEP	2 #5 CONT TOP AND BOTTOM
⊞	2'-6" SQUARE x 1'-6" DEEP	3 #5 EA WAY BOTTOM
⊞	3'-0" SQUARE x 1'-6" DEEP	4 #5 EA WAY BOTTOM
⊞	4'-0" SQUARE x 1'-6" DEEP	5 #5 EA WAY BOTTOM
⊞	5'-0" SQUARE x 1'-6" DEEP	6 #5 EA WAY BOTTOM
⊞	6'-0" SQUARE x 1'-6" DEEP	8 #5 EA WAY BOTTOM
⊞	3'-0" WIDE x 6'-0" LONG x 1'-6" DEEP	#5 @ 12" OC EA WAY BOTTOM
⊞	2'-0" WIDE x 1'-6" DEEP	4 #5 TOP AND BOTTOM w/ #4 HOOPS @ 24" OC
⊞	2'-0" WIDE x 2'-0" DEEP	4 #5 TOP AND BOTTOM w/ #4 HOOPS @ 24" OC

NOTES:
 1. ALL FOOTINGS SHALL EXTEND A MINIMUM OF 1'-6" INTO NATIVE SOIL.
 2. SEE DETAILS FOR FOOTING SIZE AND REINF. REQUIRED AT ALL RETAINING WALLS.
 3. FOOTING ARE TYPE ⊞ UNLESS NOTED OTHERWISE.

WALL LEGEND

- ⊞ = WOOD STUD WALL - SEE DETAILS FOR SIZE AND SPACING
- ⊞ = 10" CONC BLOCK WALL OVER 12" CONC BLOCK WALL (SEE DETAILS)
- ⊞ = 8" CONCRETE BLOCK WALL

CONCRETE SLAB

4" CONC SLAB W/ #3 @ 15" OC EA WAY AT MID-DEPTH. VERIFY W/ ARCHITECT OR SOILS REPORT FOR SUB-BASE & MOISTURE MEMBRANE REQUIREMENTS & SOIL TREATMENT(S) BY OTHERS

TYPE	DESCRIPTION
⊞	HSS4x4x1/2 - TYP. U.N.O.
⊞	HSS5x5x1/2
⊞	HSS6x6x1/2
⊞	6x6 WOOD POST
⊞	(3) 2 1/2" x 12" GLB 24F-113 POSTS

FOUNDATION PLAN

SCALE: 1/8" = 1'-0"

ADDENDUM 01

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

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

PROJECT NUMBER:
 17044.1

SHEET NUMBER:
 AD1 S200

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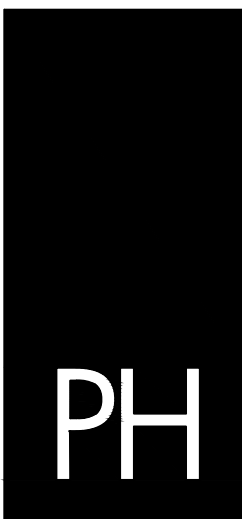


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ROOF FRAMING NOTES

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

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

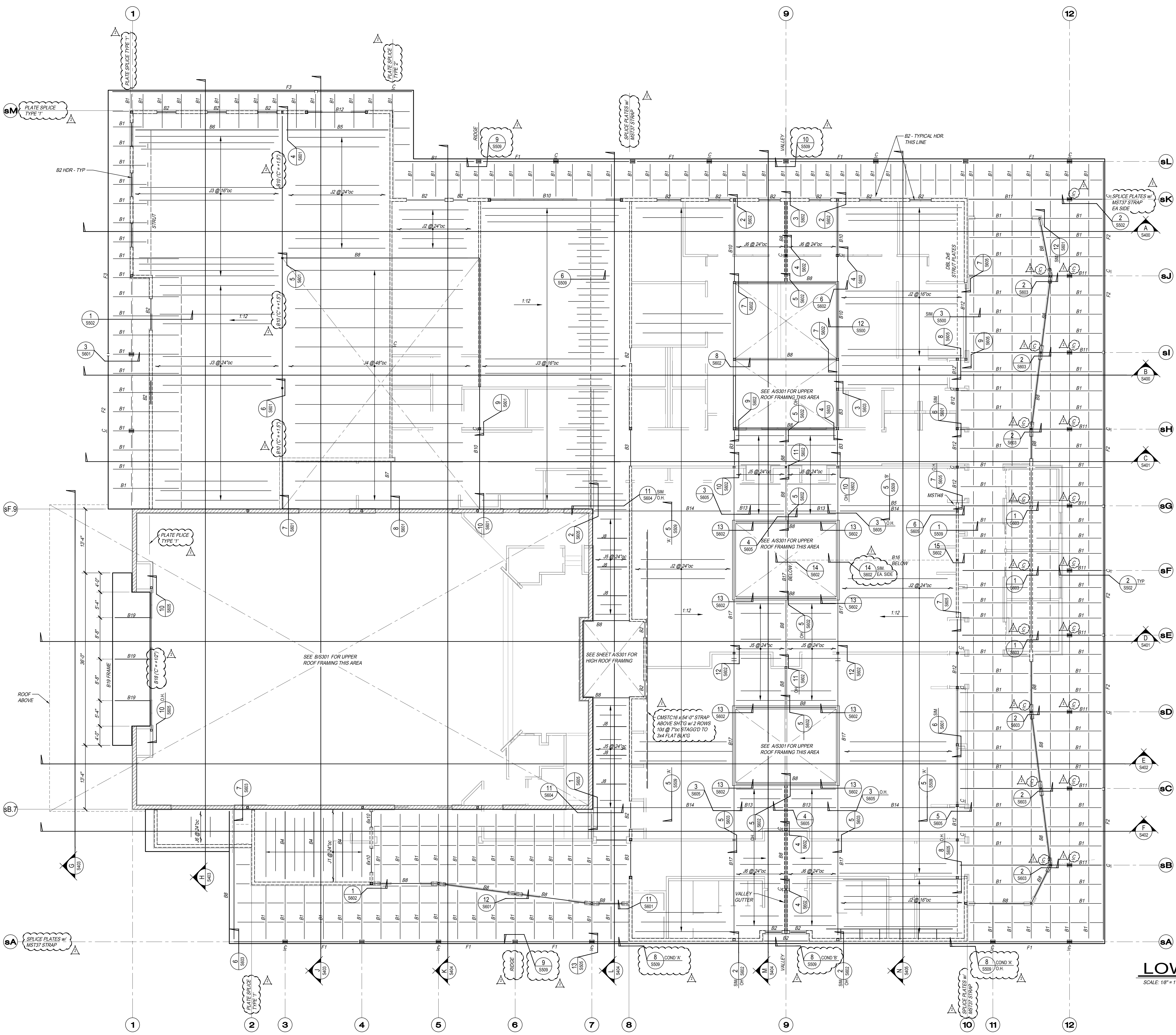
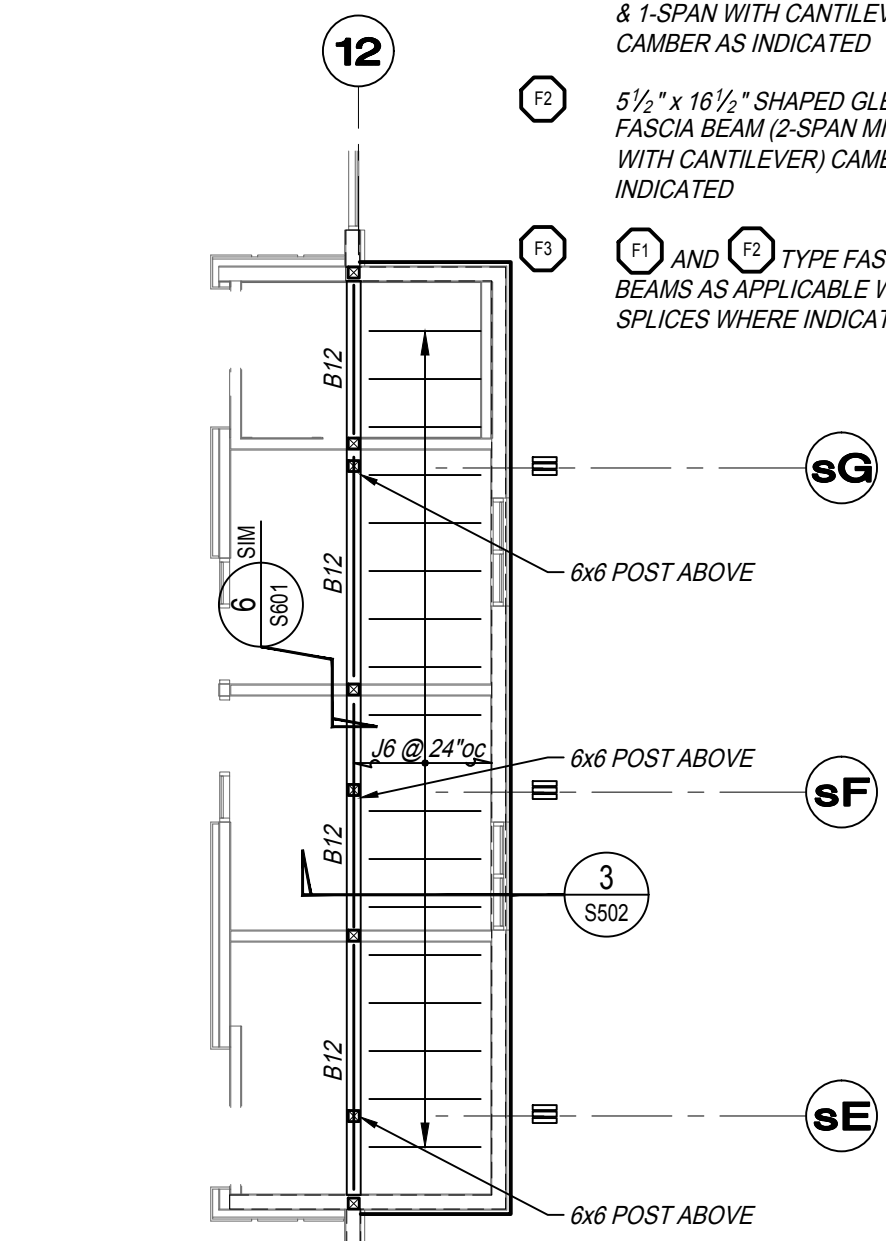
JOIST SCHEDULE

TYPE	DESCRIPTION
J1	11 1/2" JOIST
J2	14" JOIST
J3	16" JOIST
J4	3 1/2" x 15" GLB (2-SPAN)
J5	2x8
J6	2x10
J8	4x8

BEAM SCHEDULE

TYPE	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	W12x35
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"

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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

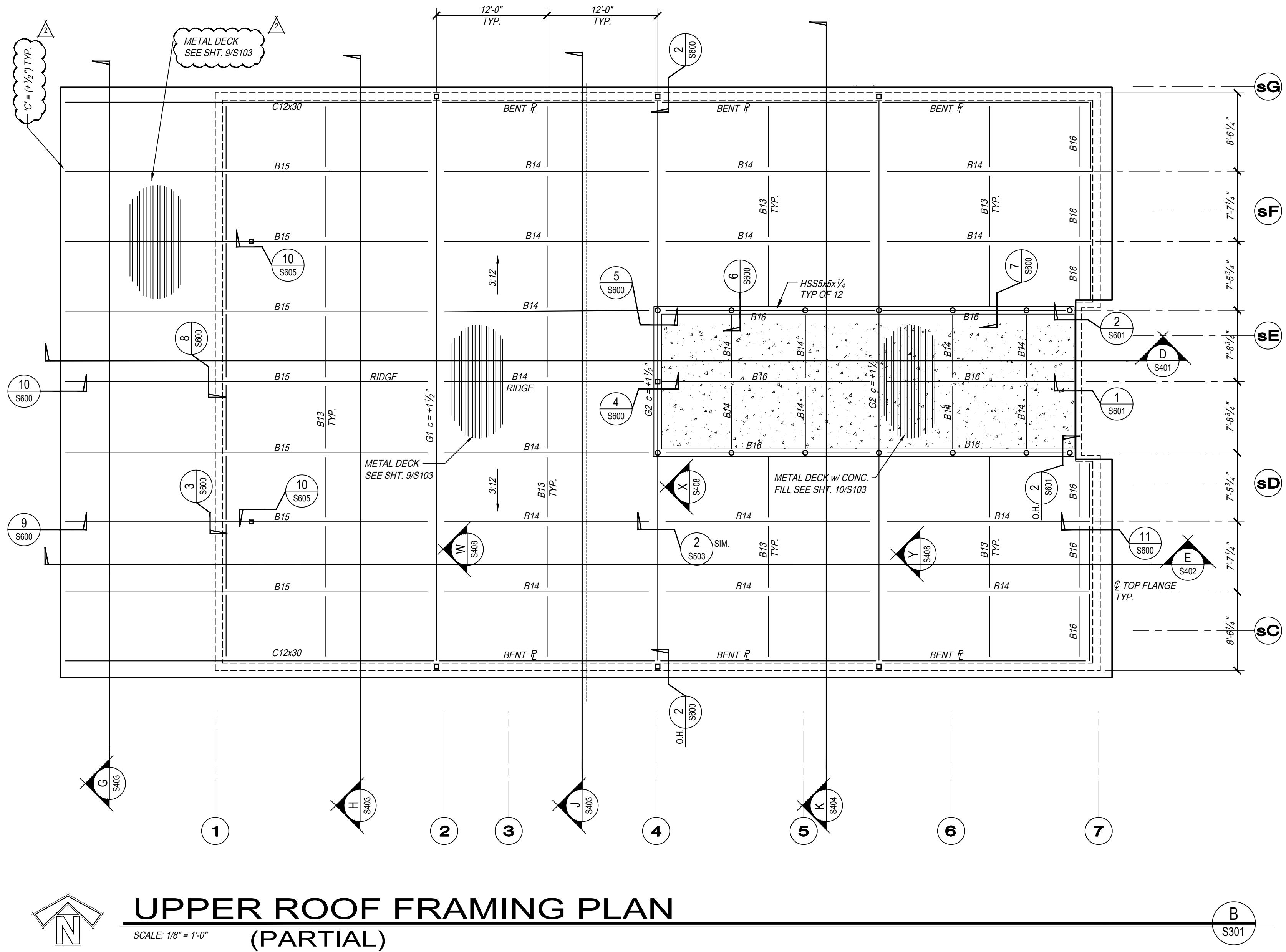
PROJECT NUMBER: 17044.1

SHEET NUMBER: AD1 S300

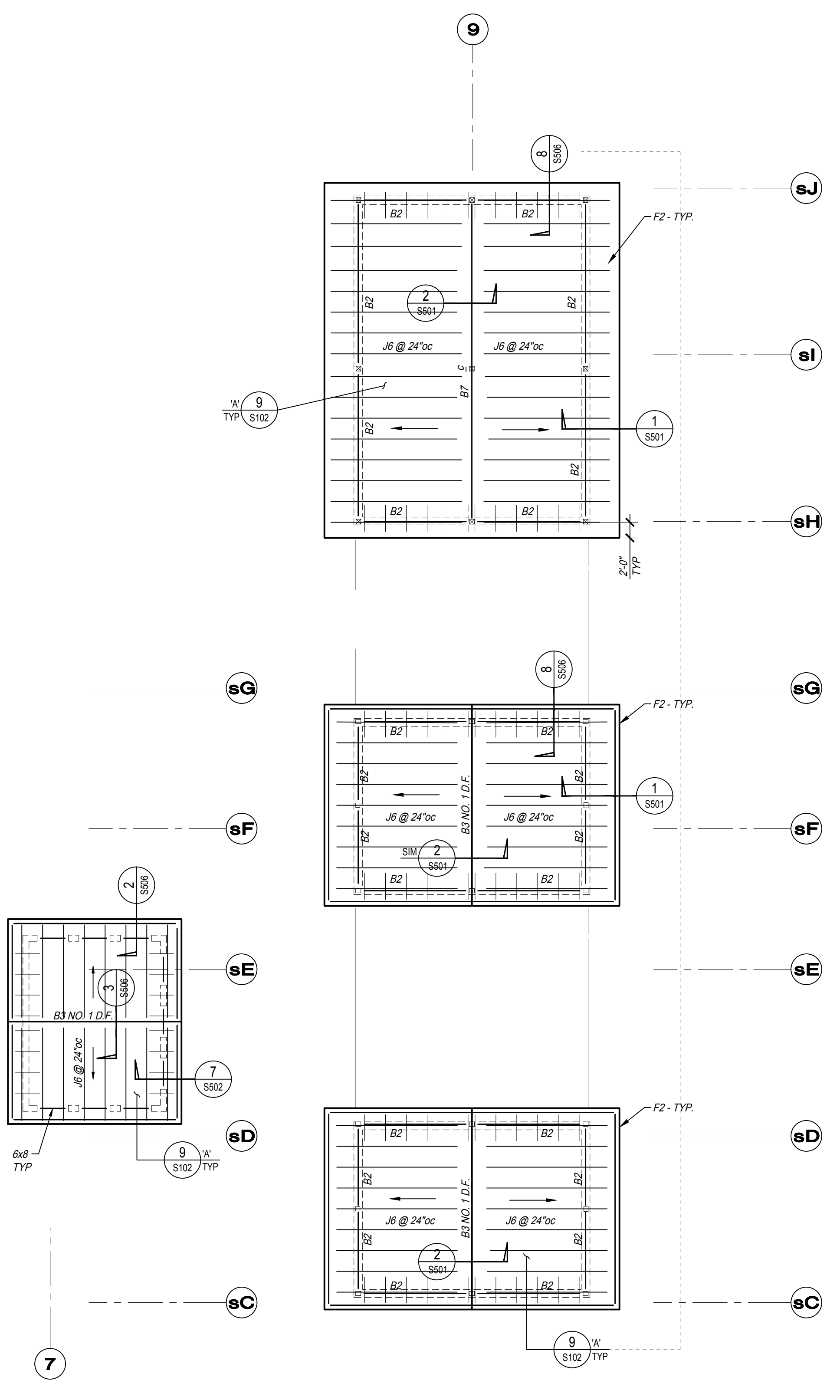
ROOF FRAMING PLAN

SCALE: 1/8" = 1'-0"

ADDENDUM 01



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

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

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	W12x35
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	1 1/2" 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

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LICENSED ARCHITECT
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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
------------	----------------------

REVISIONS:

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PROJECT NUMBER: 17044.1

SHEET NUMBER: AD1 S301

ADDENDUM 01



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PLYWOOD DIAPHRAGM SCHEDULE

- 1/2" PLYWOOD TYPE 'A'
- 2 LAYERS PLYWOOD TYPE 'B' OVER TYPE 'D' SEE CLG. PANEL NOTES
- 3/4" PLYWOOD TYPE 'C' AT MECH. WELLS AND PLATFORMS

SEE SCHEDULE 9S102 - FOR PLYWOOD INFO

CEILING PANEL NOTES:

- SEE ARCHT. FOR LOCATIONS FOR CLG. PANELS AT INTERIOR EXPOSED ROOF FRMG. AREAS.
- WHERE CLG. PANELS OCCUR THE 3/4" FLAT PLYWOOD EDGE BLOCKS MAY BE OMITTED PROVIDED TYPE 'B' & 'D' PLYWOOD ARE T & G @ LONG EDGES.

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

SHEET: SENIOR ACTIVITY CENTER - DIAPHRAGM PLAN

DRAWING SET INFORMATION:

06/19/2020	Plan Check Submittal
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10/8/2020	Addendum 1

PROJECT NUMBER: 17044.1

SHEET NUMBER: AD1 S302

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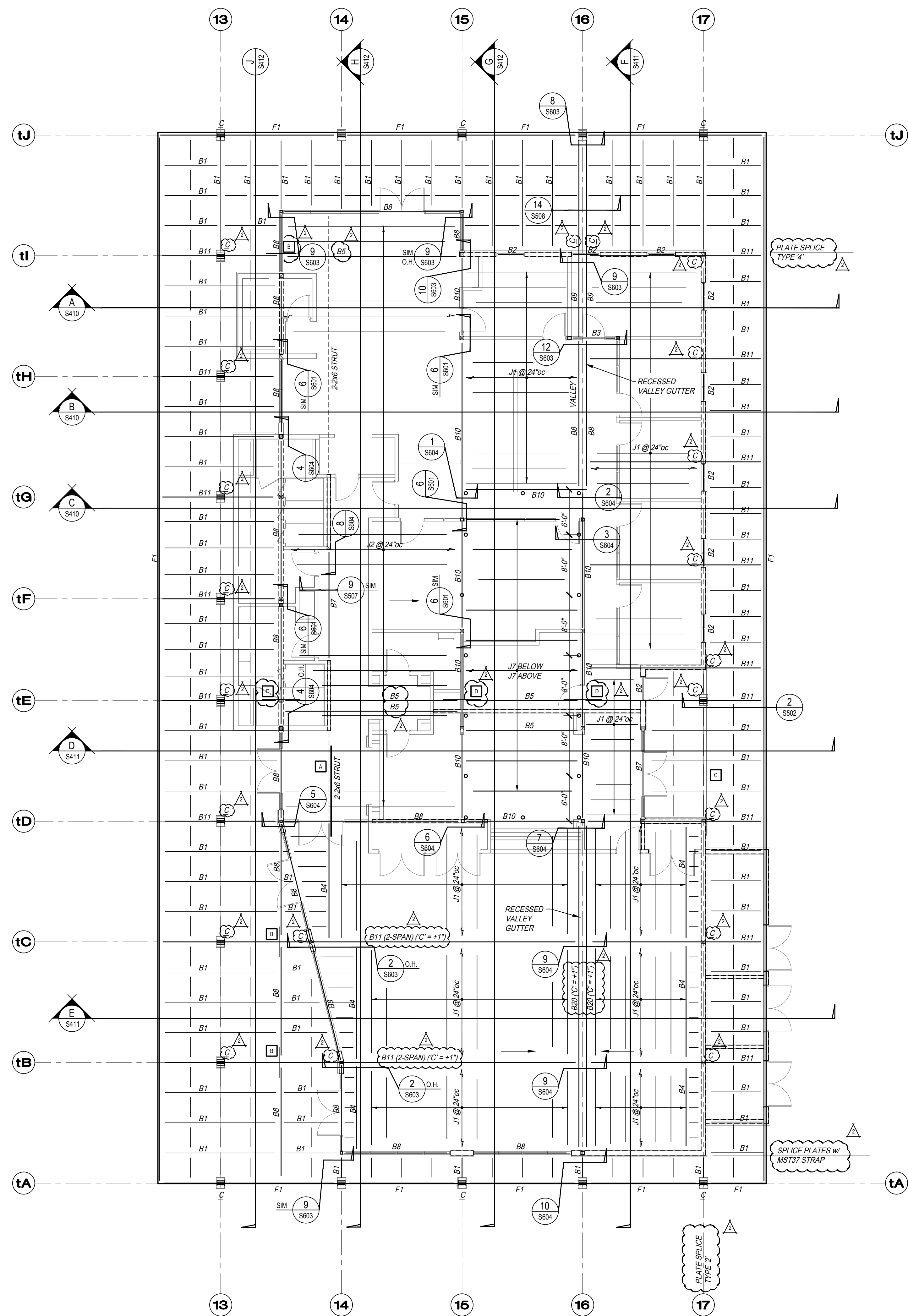
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DIAPHRAGM PLAN

SCALE: 1/8" = 1'-0"

ADDENDUM 01



ROOF FRAMING PLAN

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 |
| 9/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 S5100 & 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' OVER ROOF FRAMING
EXTERIOR ROOF & INTERIOR EXPOSED ROOF	1/2" ROOFING / INSULATION BOARD OVER 1/2" CDX PLYWD. SHTG. - TYPE 'C' OVER ROOF FRAMING

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

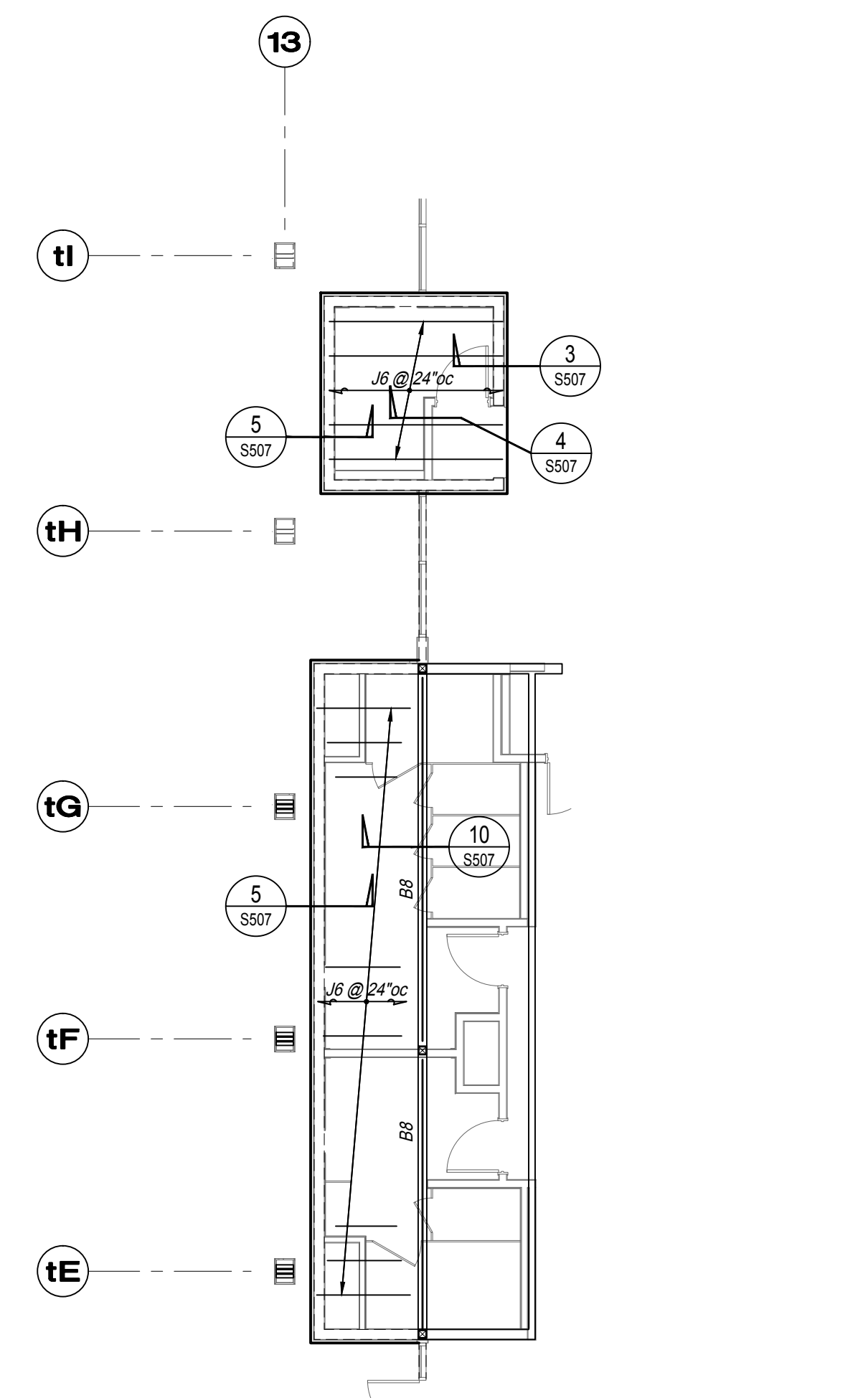
BEAM SCHEDULE

TYPE	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	W12x35
B16	W18x35
B17	W24x55
B18	HSS 10x4x3/8
B19	CBx11.5
B20	5 1/2 x 33 GLB 20F-V13
G1	W36x135 - BENT SEE W3408
G2	W36x135 - BENT SEE X3408 & Y3408

- 11 5 1/2 x 16 1/2 GLB (20F - V13) FASCIA BEAM (2-SPAN MIN. & 1-SPAN WITH CANTILEVER) CAMBER AS INDICATED
- 12 5 1/2 x 18 1/2 SHAPED GLB (20F - V13) FASCIA BEAM (2-SPAN MIN. & 1-SPAN WITH CANTILEVER) CAMBER AS INDICATED
- 13 11 AND 12 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

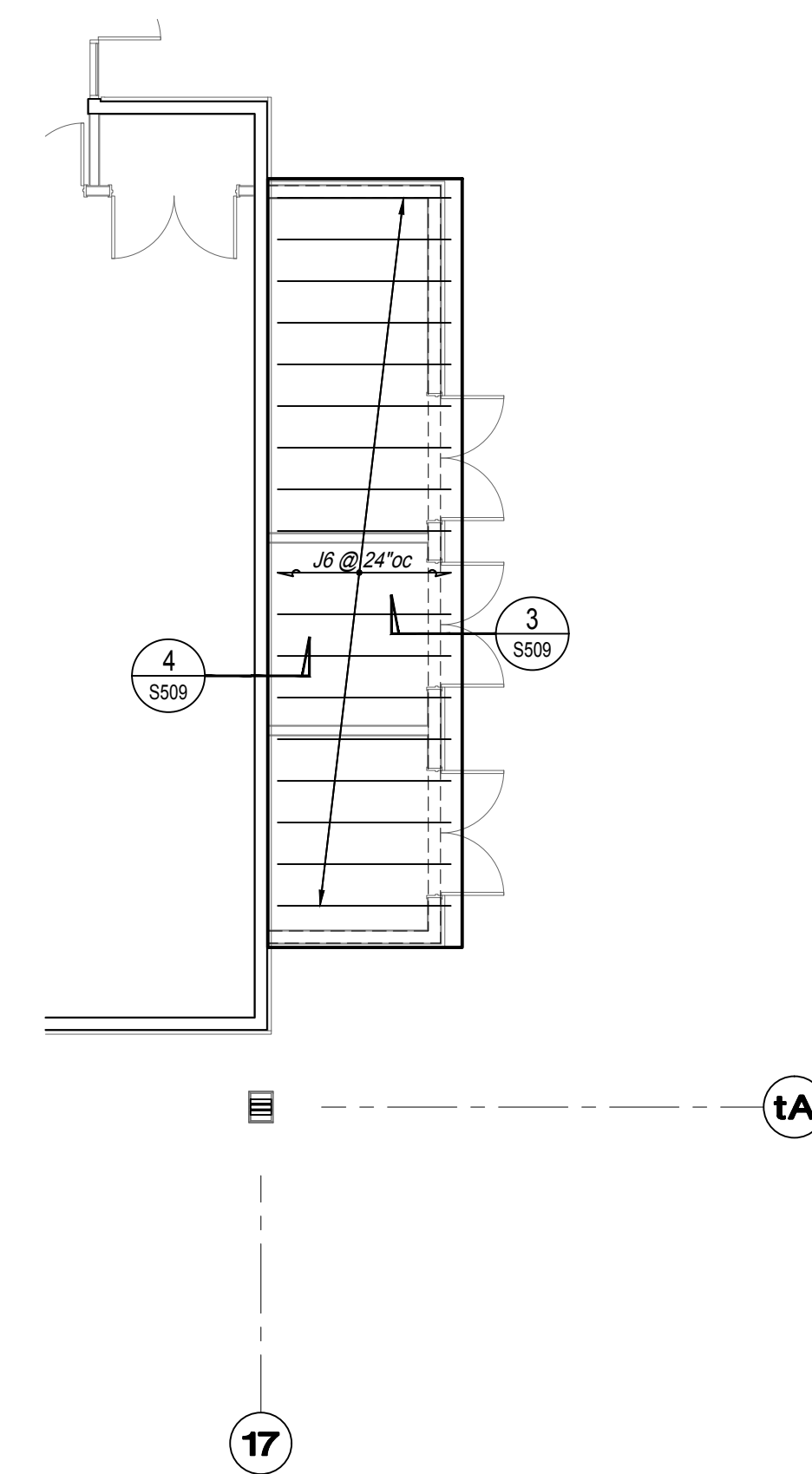


LOWER ROOF FRAMING PLAN

SCALE: 1/8" = 1'-0"

* STRAP SCHEDULE	
A	(2) SIMP CS16 x 12'-0" SIDE BY SIDE w/ 11'-10" TO BEAM AND 2 ROWS 10x @ 36" o.c. REMAINDER
B	SIMP MST48
C	SIMP CS16 x 24'-0" w/ 11'-10" EA END TO RIM (2'-0" LAP) AND 10x @ 36" o.c. BETWEEN
D	SIMP MST60

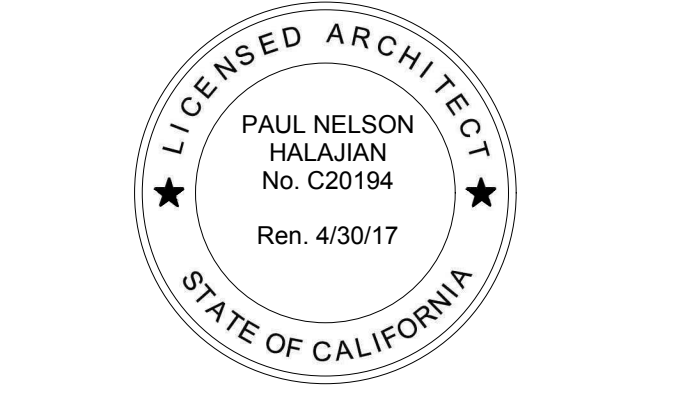
* ALL STRAPS TO BE INSTALLED ABOVE PLYWOOD SHEATHING



LOWER ROOF FRAMING PLAN

SCALE: 1/8" = 1'-0"

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

DRAWING SET INFORMATION:

06/19/2020	Plan Check Submittal
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REVISIONS:

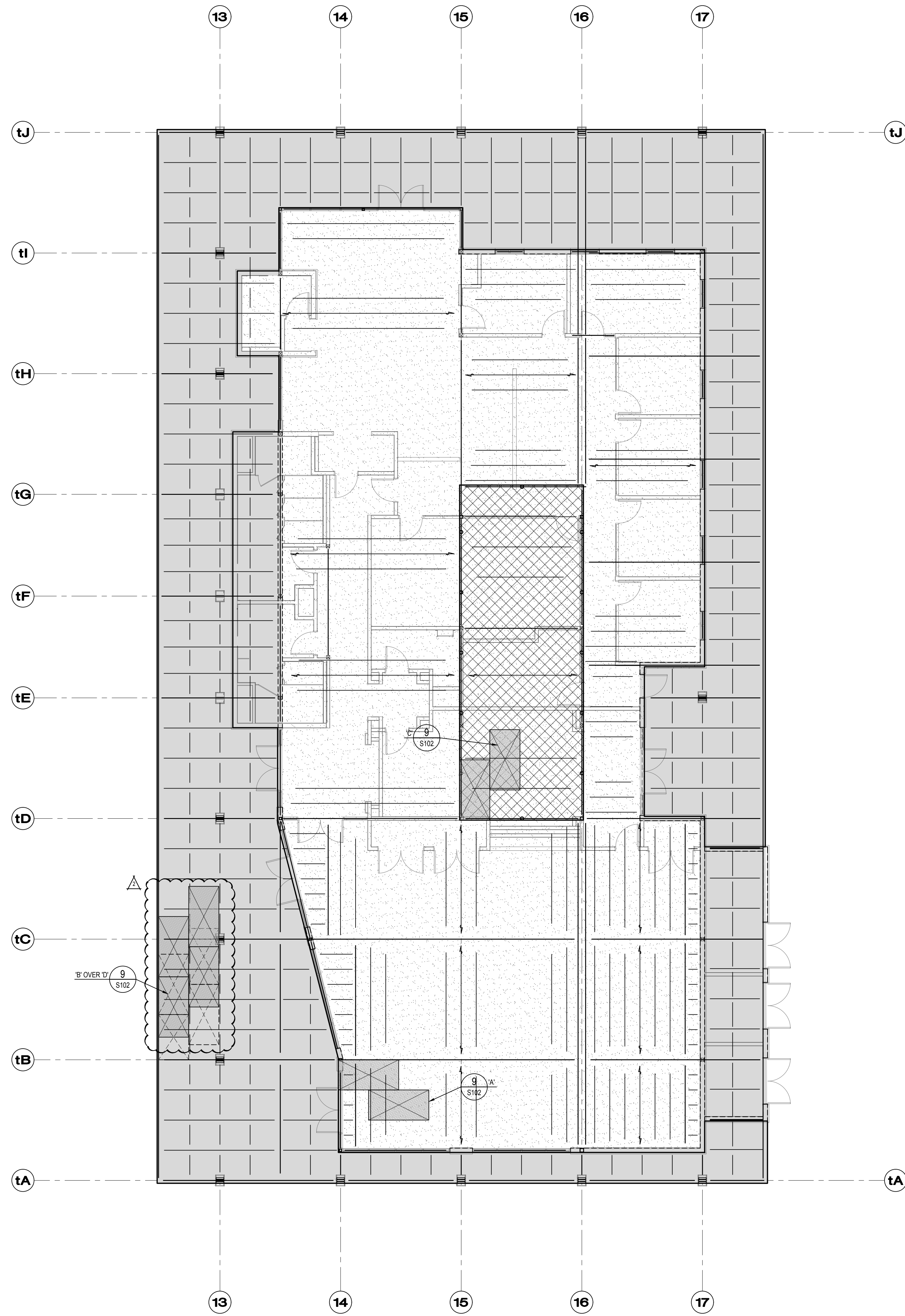
8/12/2020	Plan Check Revisions
10/8/2020	Addendum 1

PROJECT NUMBER:
17044.1

SHEET NUMBER:
AD1 S310

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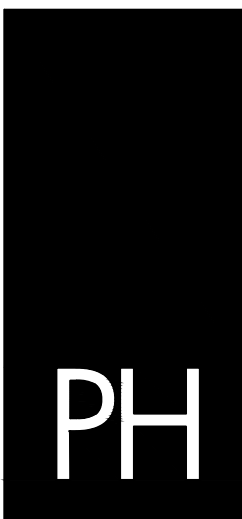
DIAPHRAGM PLAN
SCALE: 1/8" = 1'-0"

PLYWOOD DIAPHRAGM SCHEDULE

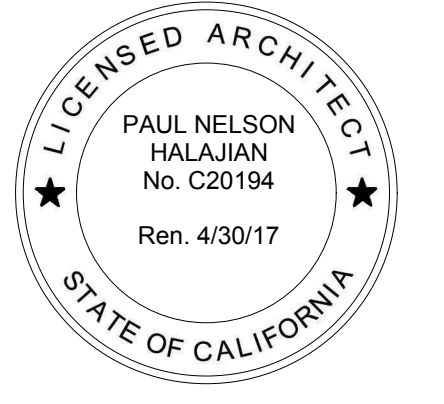
	3/4" PLYWOOD TYPE 'A'
	2 LAYERS PLYWOOD TYPE 'B' OVER TYPE 'D' (SEE CLG. PANEL NOTE)
	3/4" PLYWOOD TYPE 'C' AT MECH. WELLS AND PLATFORMS

SEE SCHEDULE 9/S102 - FOR PLYWOOD INFO

- CEILING PANEL NOTES:**
- SEE ARCHT. FOR LOCATIONS FOR CLG PANELS AT INTERIOR EXPOSED ROOF FRMG. AREAS.
 - WHERE CLG. PANELS OCCUR THE 3/4" FLAT PLYWD. EDGE BLKGS. MAY BE OMITTED PROVIDED TYPE 'B' & 'D' PLYWD. ARE T & G @ LONG EDGES.



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

SHEET: TRANSIT CENTER - DIAPHRAGM PLAN

DRAWING SET INFORMATION:

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10/8/2020	Addendum 1

PROJECT NUMBER:
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SHEET NUMBER:
AD1 S311

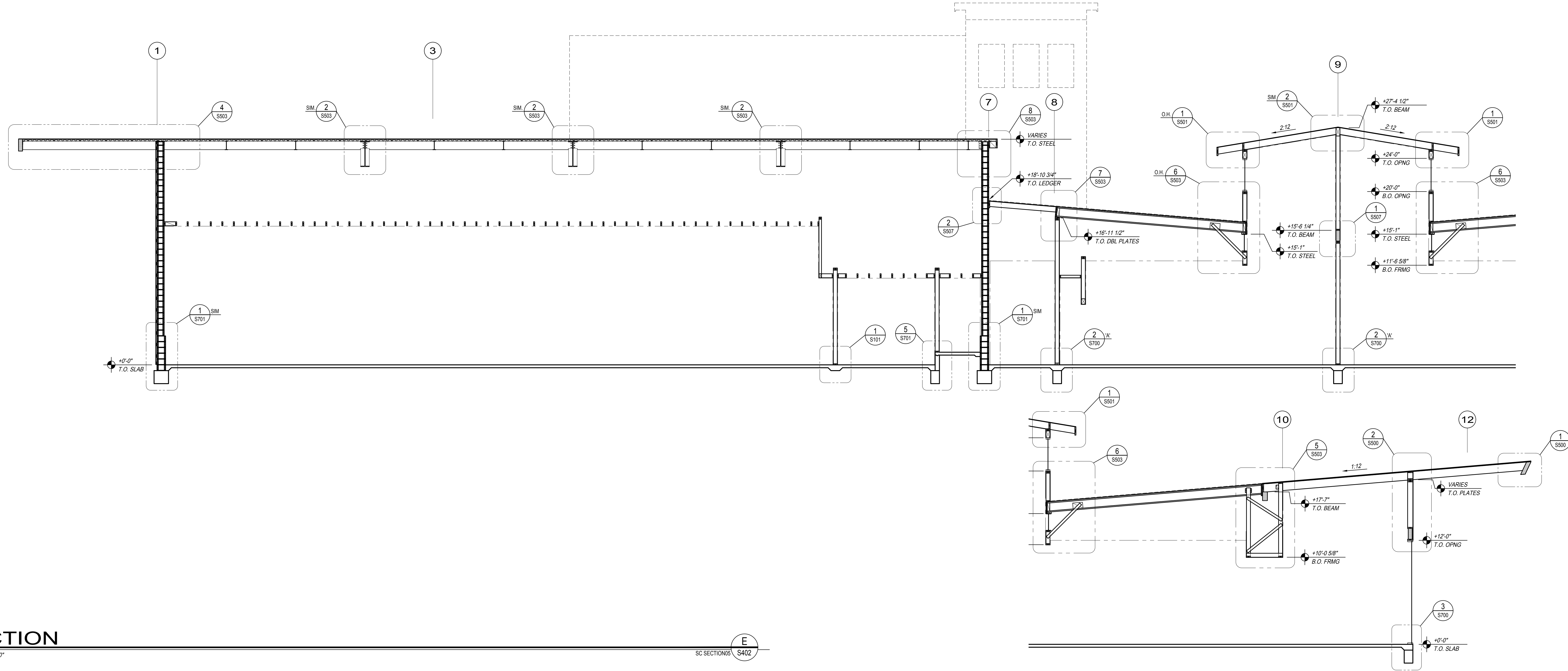


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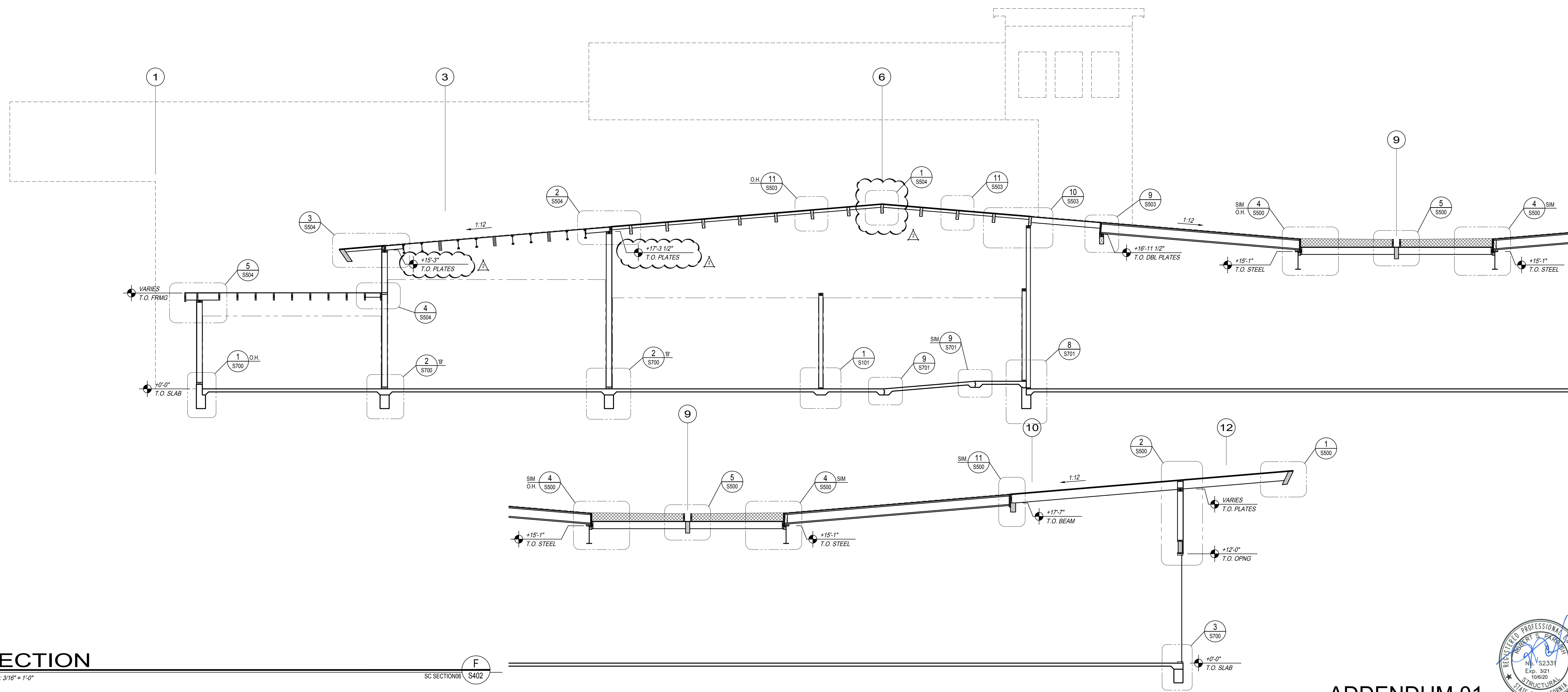
ADDENDUM 01



SECTION

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

SECTION E



SECTION

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

SECTION F



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ADDENDUM 01

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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:

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

PROJECT NUMBER:
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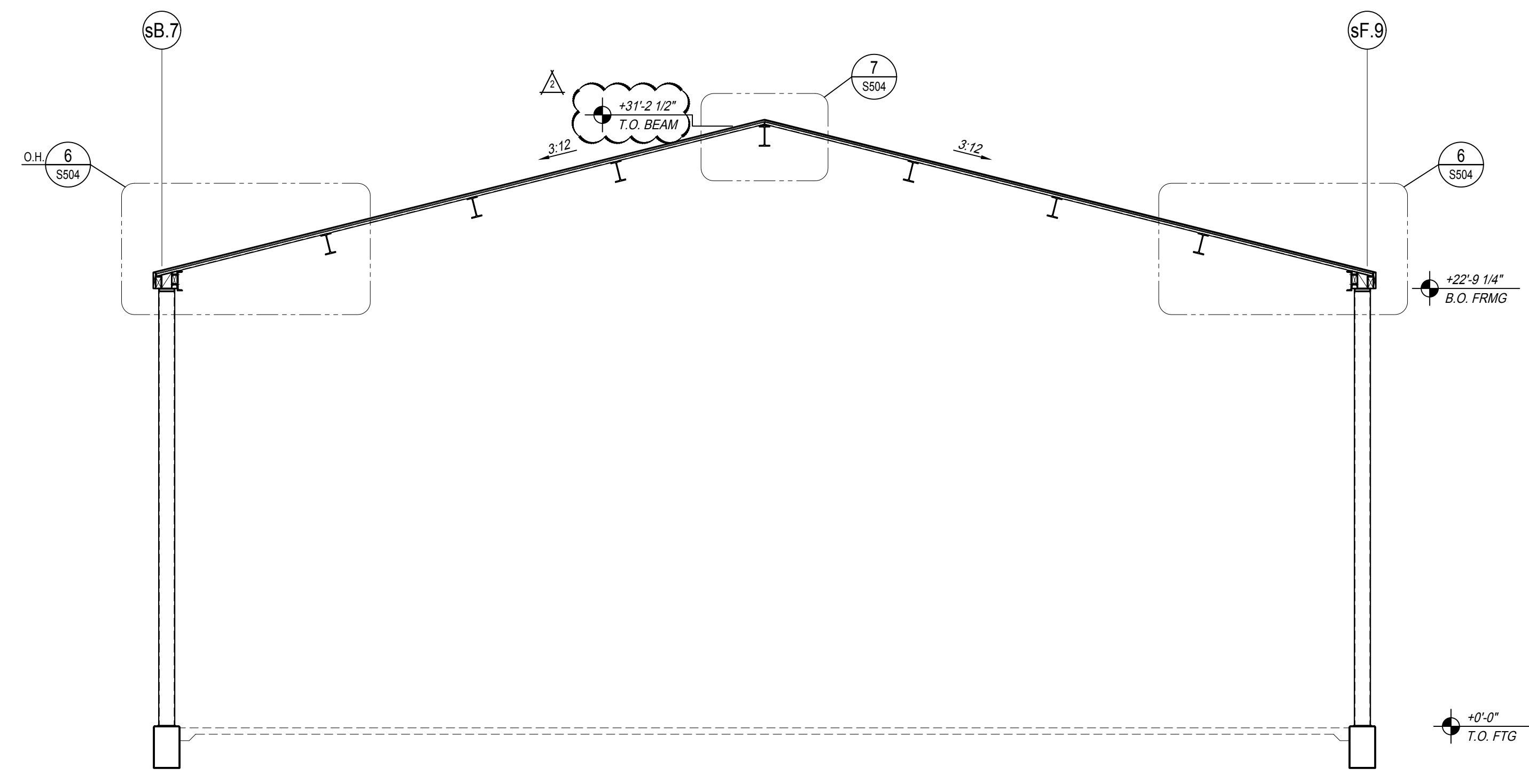
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AD1 S402

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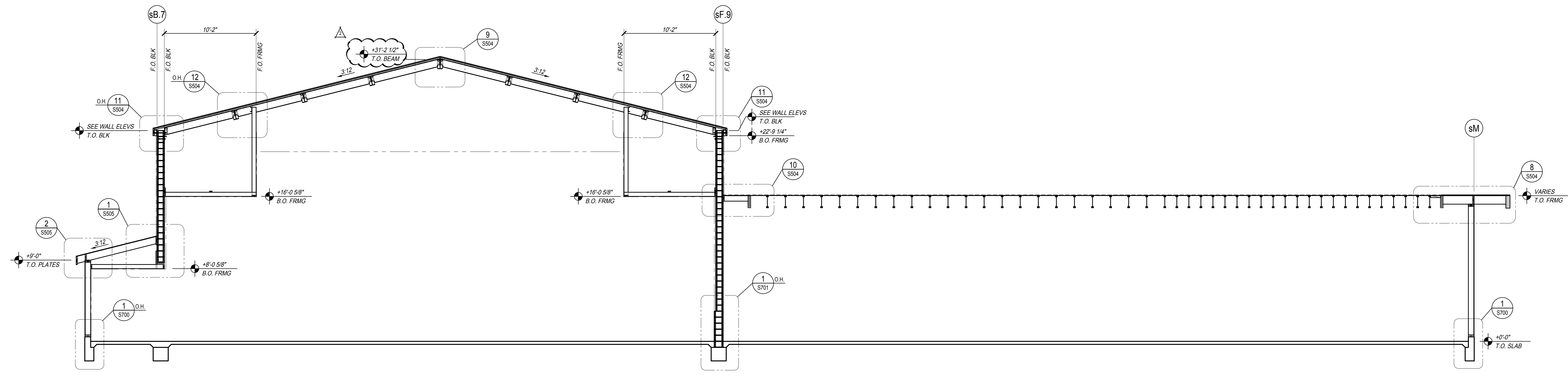
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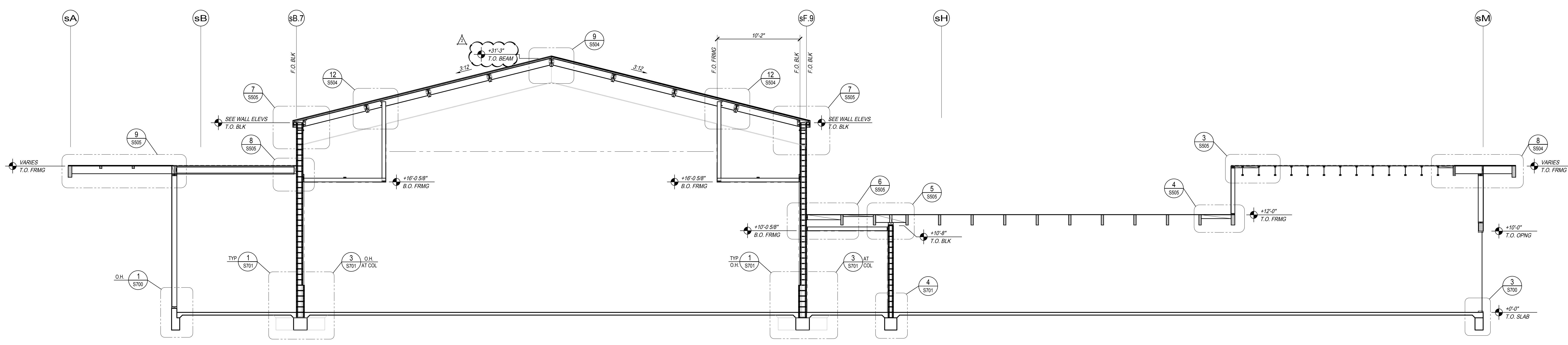
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SECTION G
SCALE: 3/16" = 1'-0"



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



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

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

DRAWING SET INFORMATION:

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▲	8/12/2020	Plan Check Revisions
▲	10/8/2020	Addendum 1

PROJECT NUMBER: 17044.1

SHEET NUMBER: AD1 S403

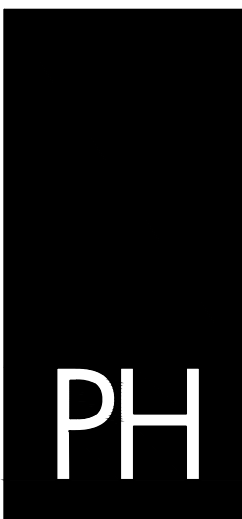
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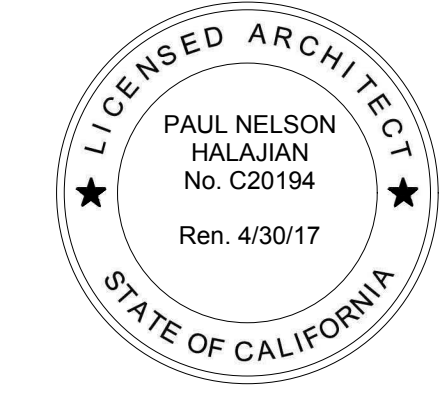
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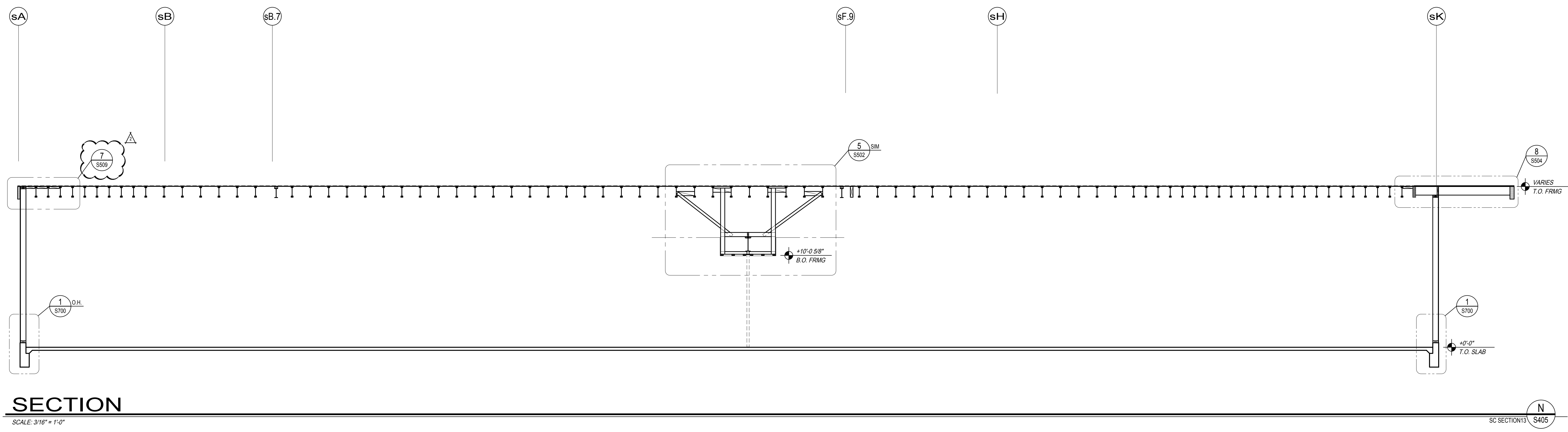
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SECTION
 SCALE: 3/16" = 1'-0"

SECTION 13 S405

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

DRAWING SET INFORMATION:

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REVISIONS:

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

PROJECT NUMBER:
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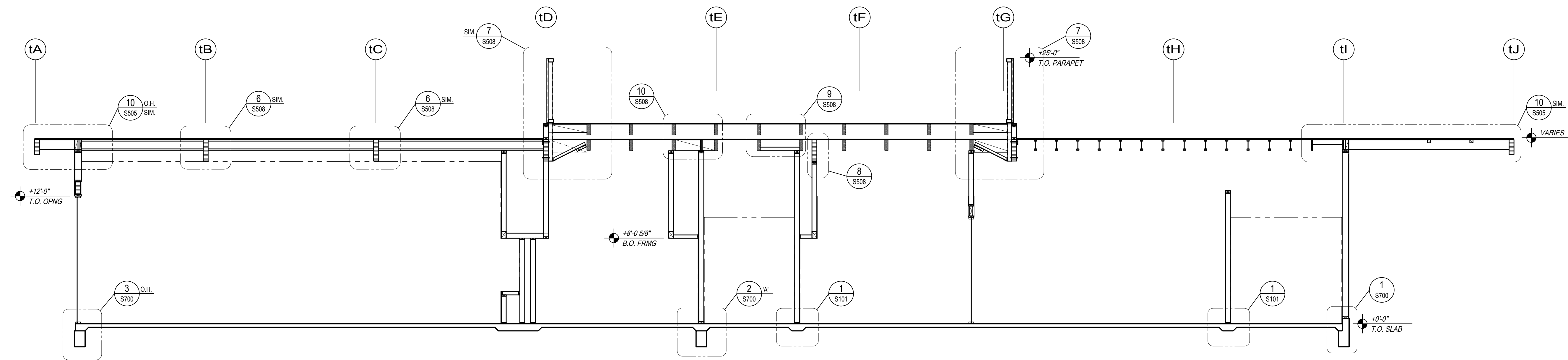
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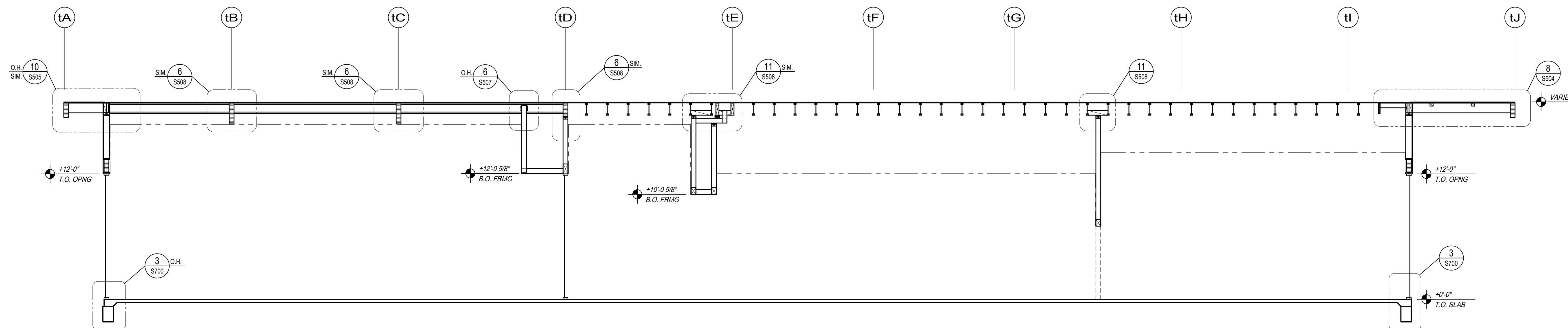
ADDENDUM 01



DETAIL

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

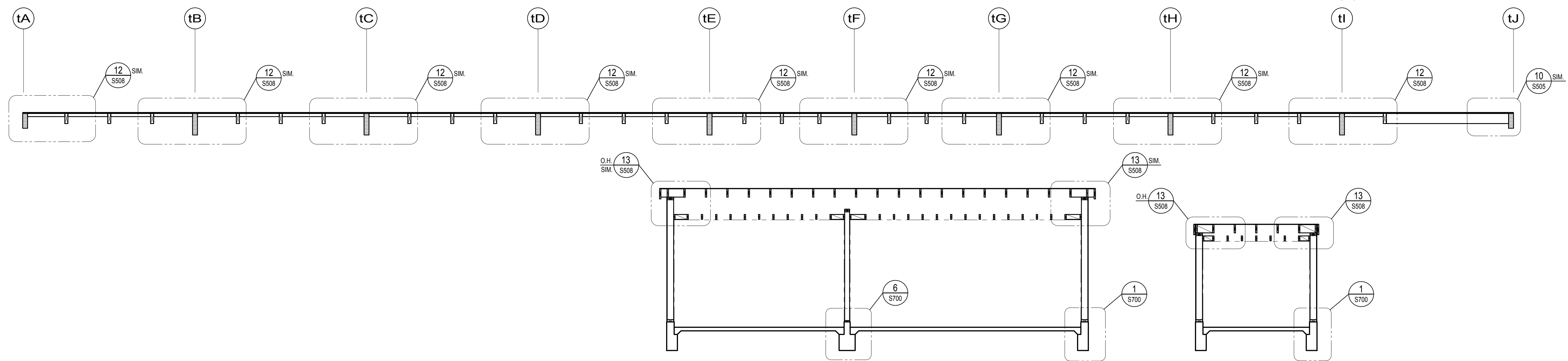
TC SECTION G S412



DETAIL

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

TC SECTION H S412



DETAIL

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

TC SECTION J S412

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PROJECT:
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SHEET: TRANSIT CENTER - SECTIONS

DRAWING SET INFORMATION:

06/19/2020	Plan Check Submittal
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PROJECT NUMBER:
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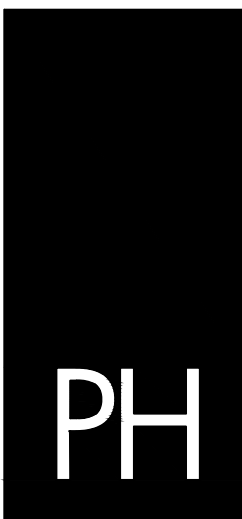
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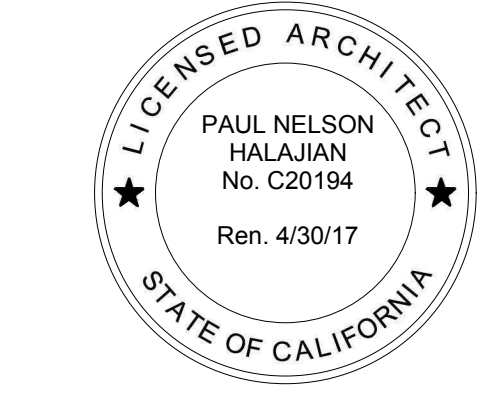
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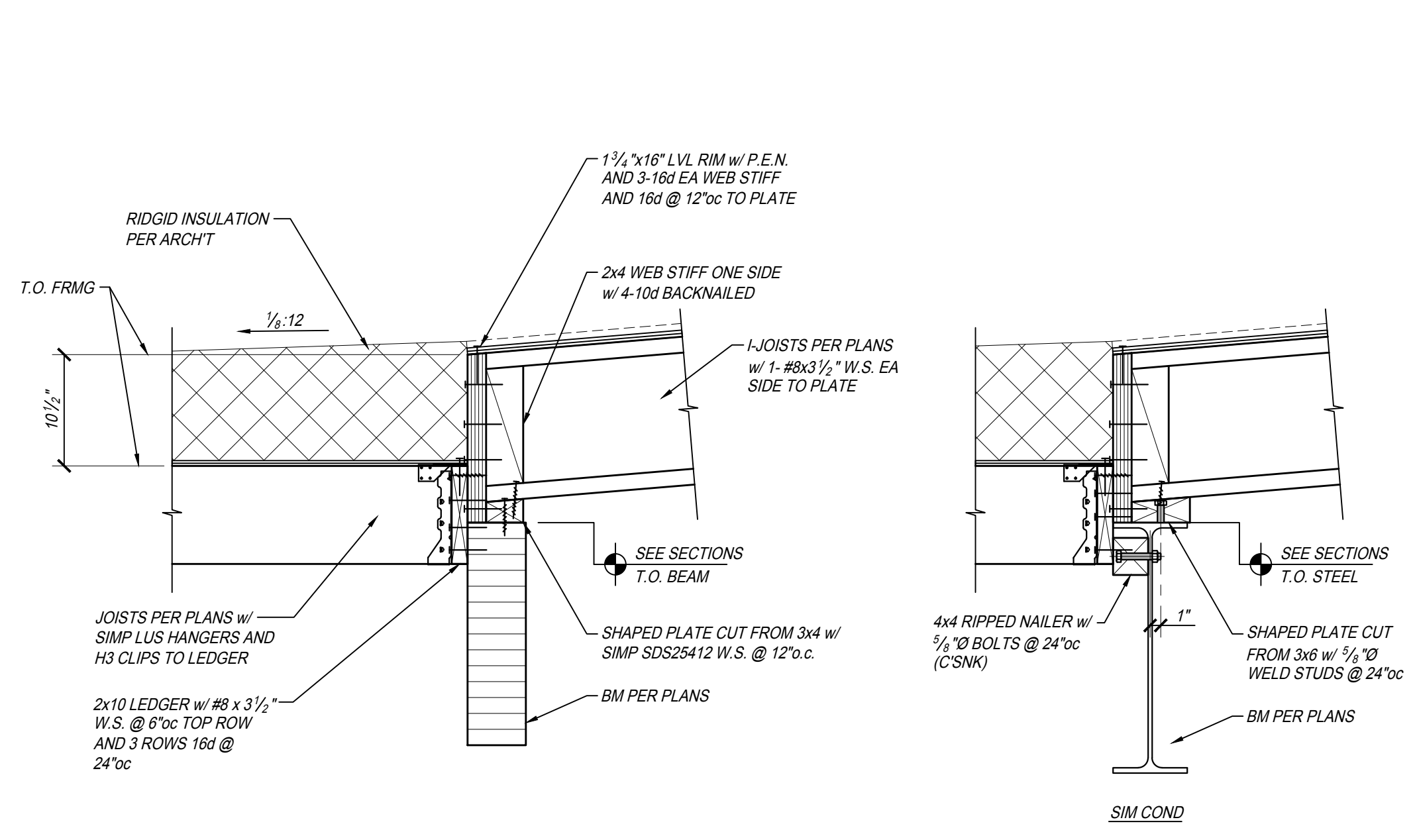
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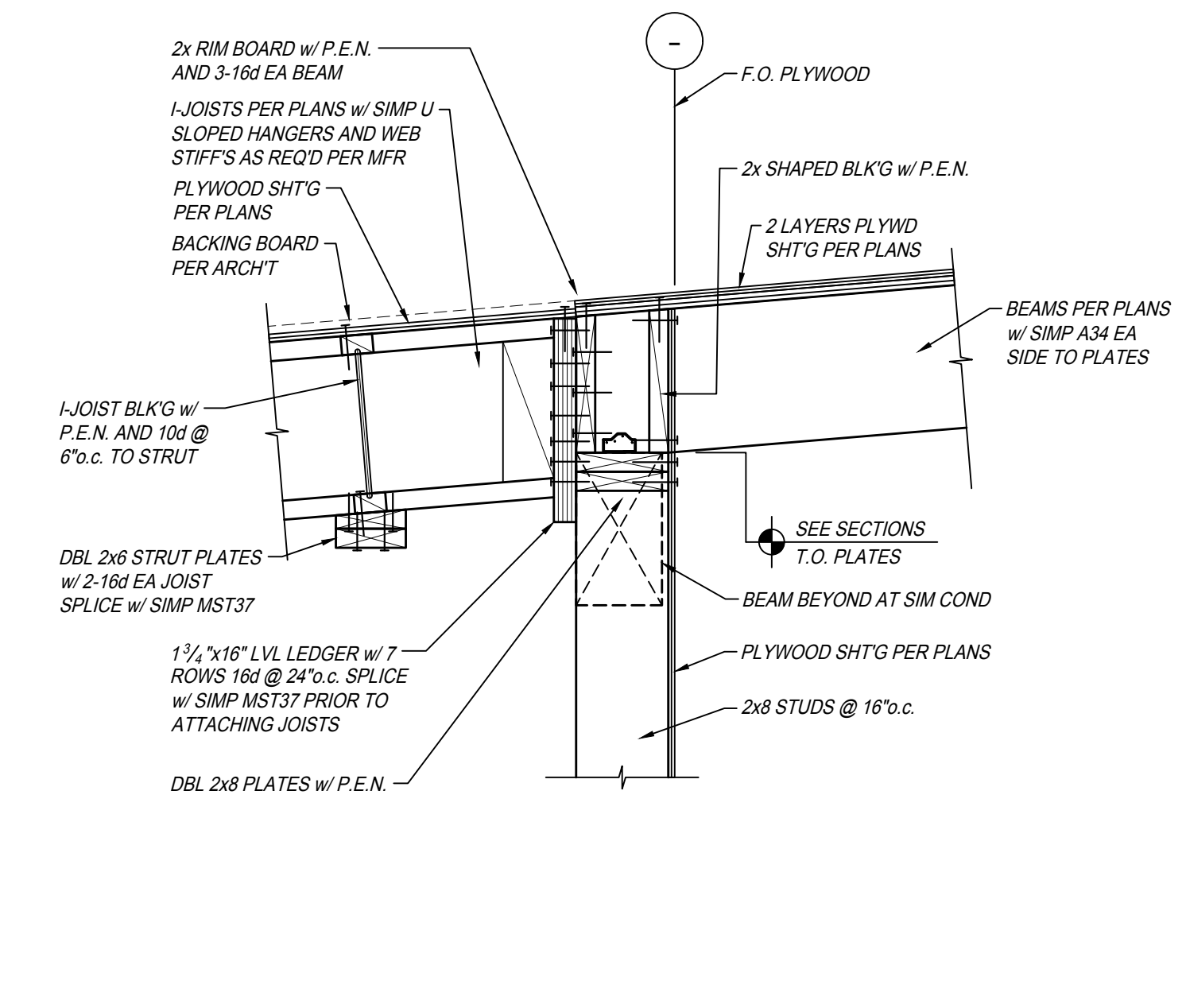


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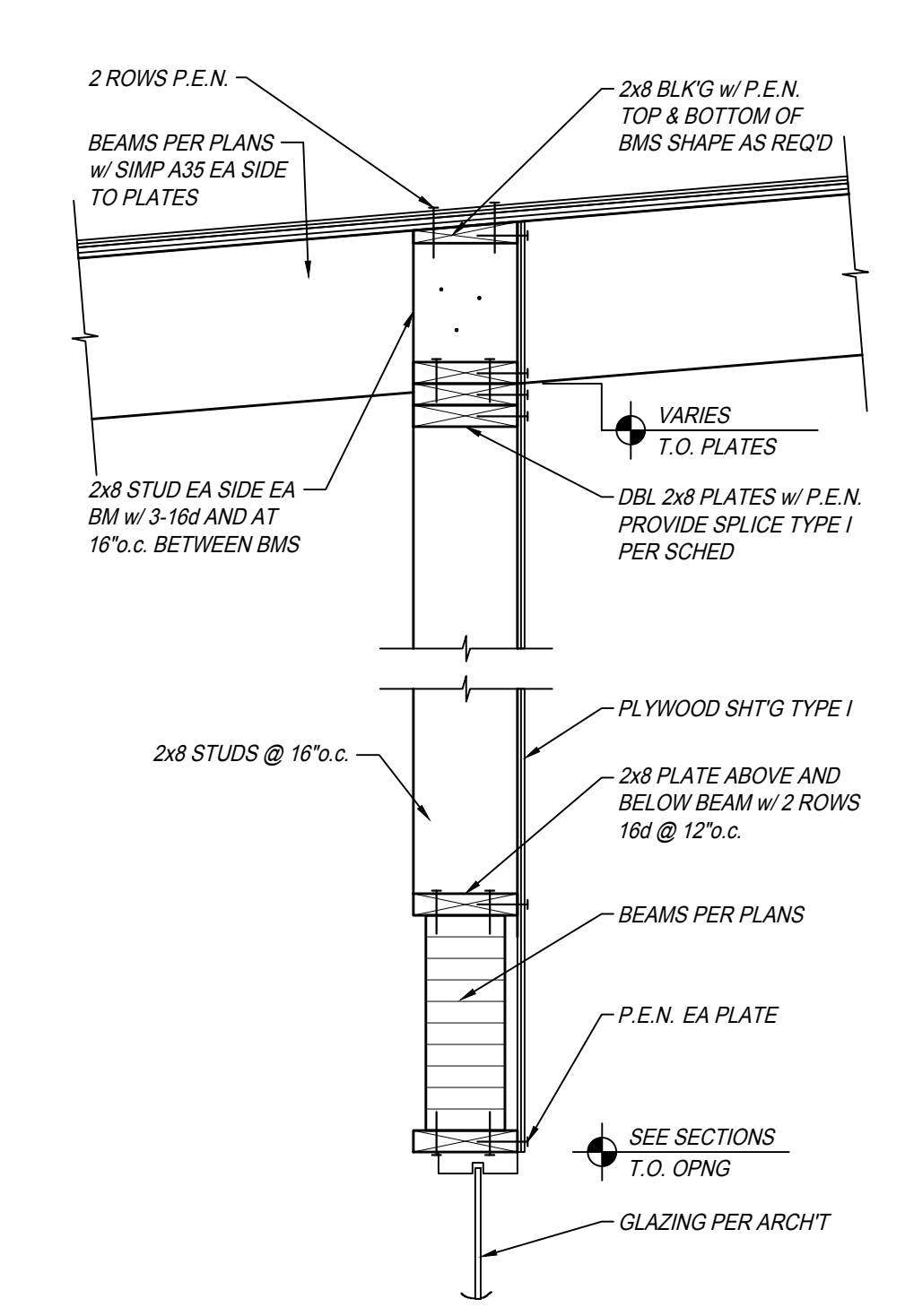
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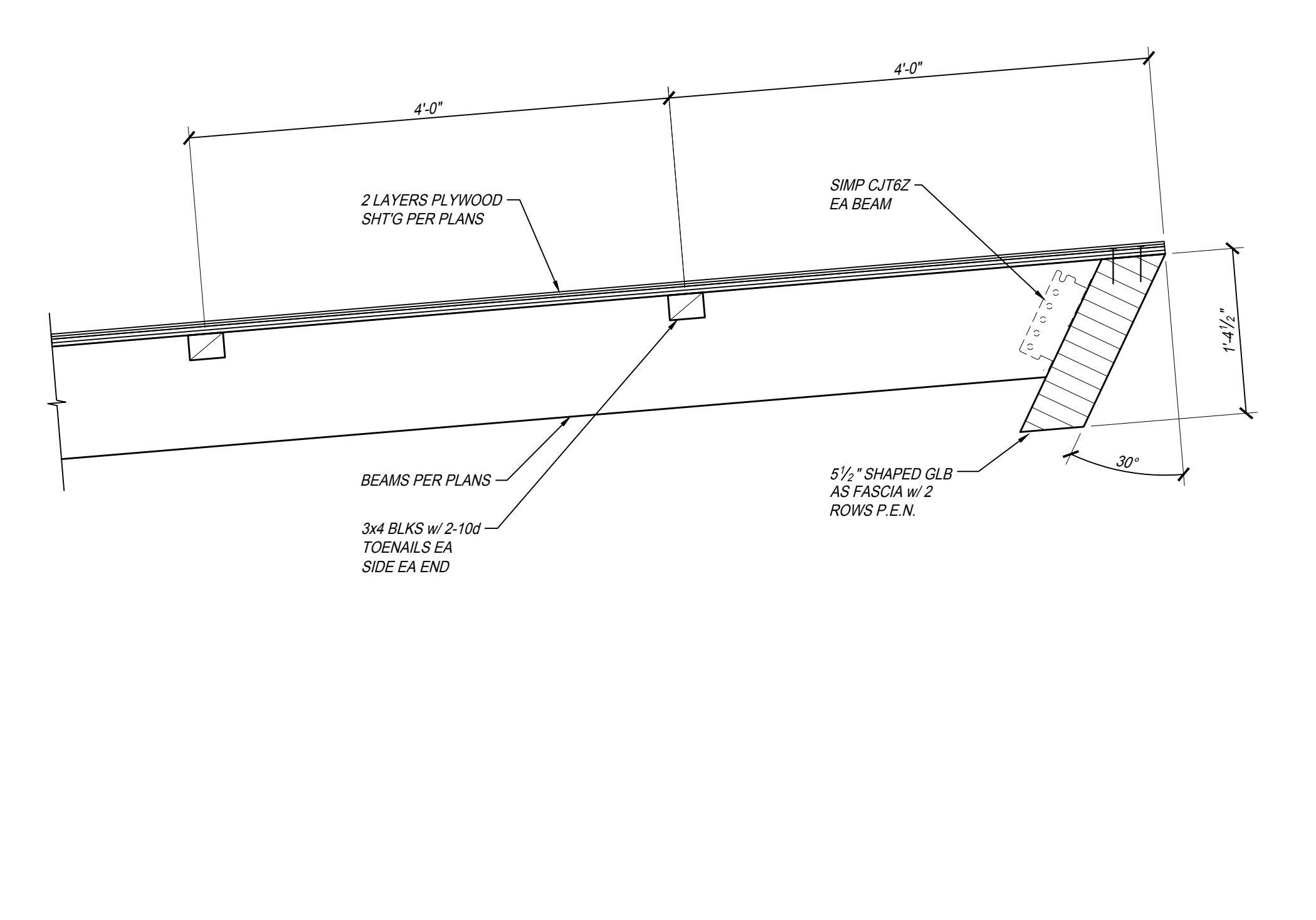
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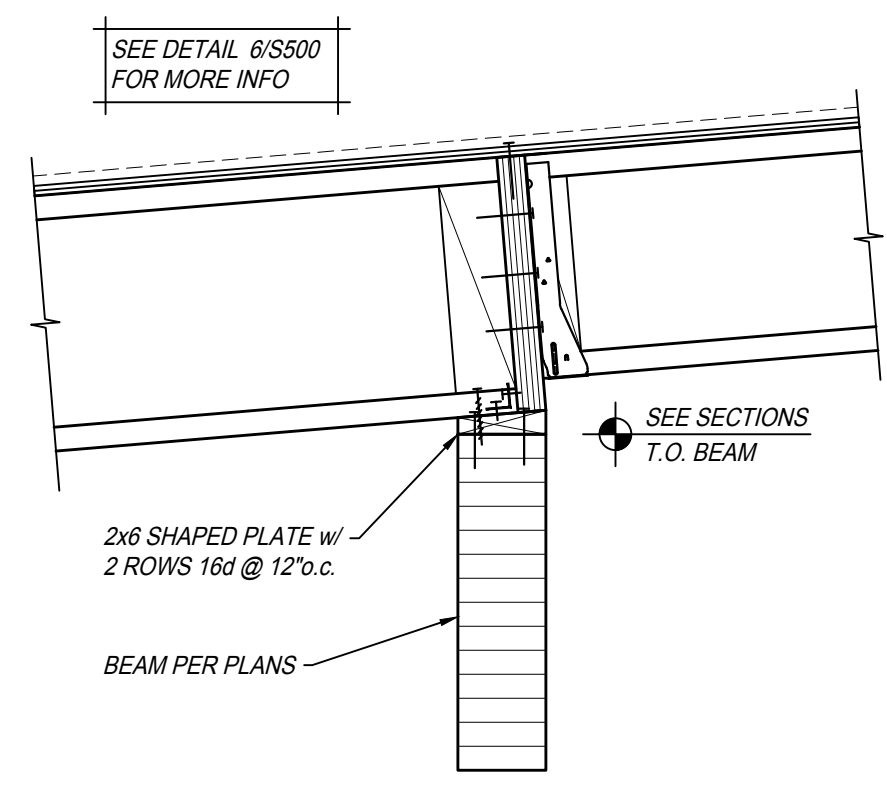
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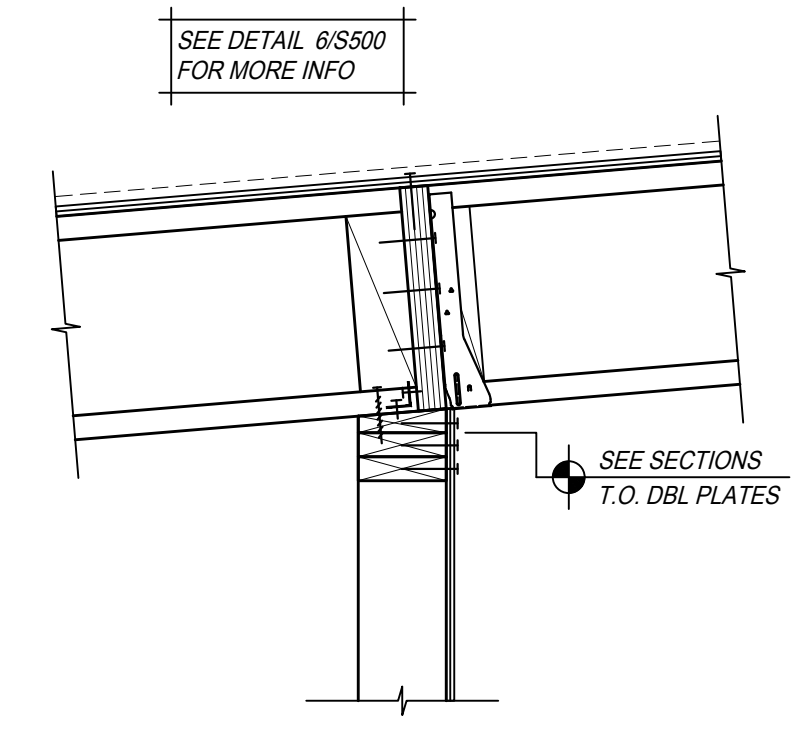
DETAIL

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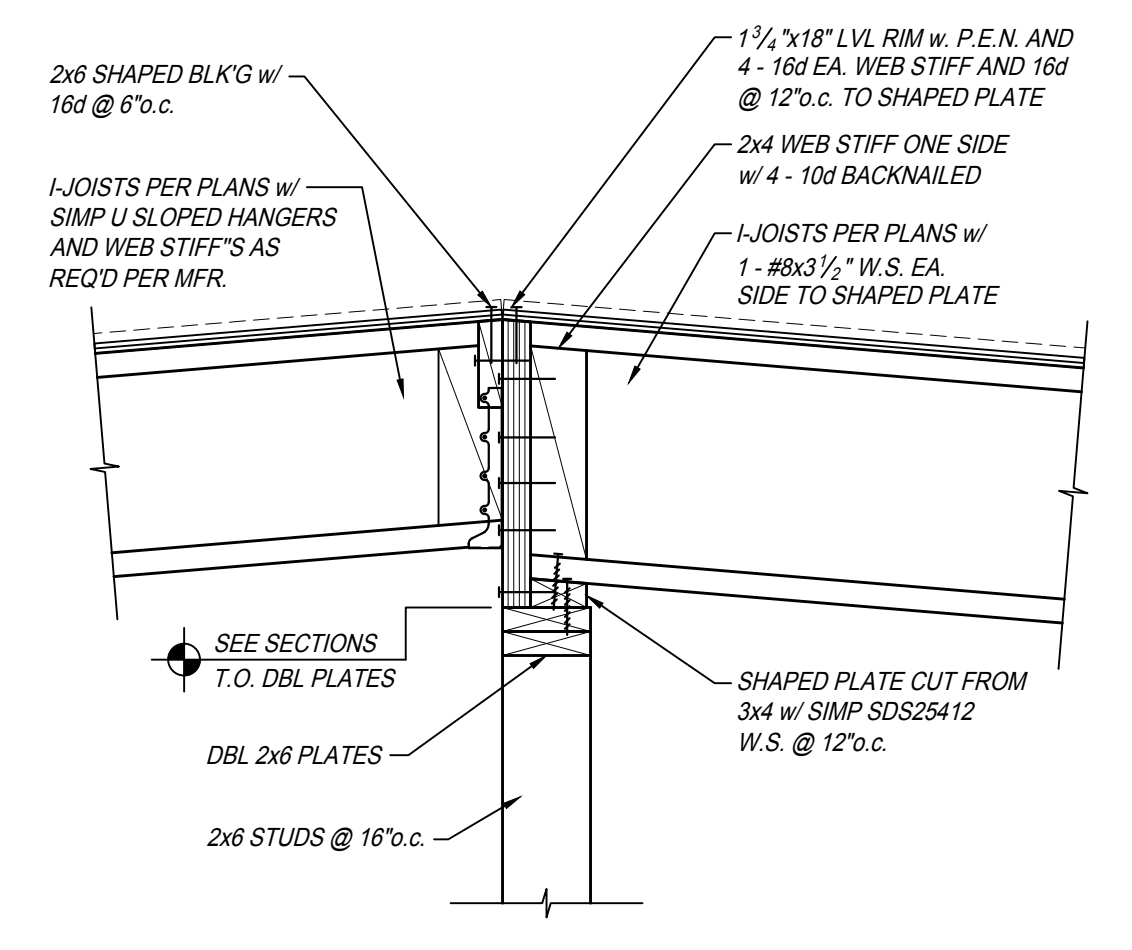
DETAIL

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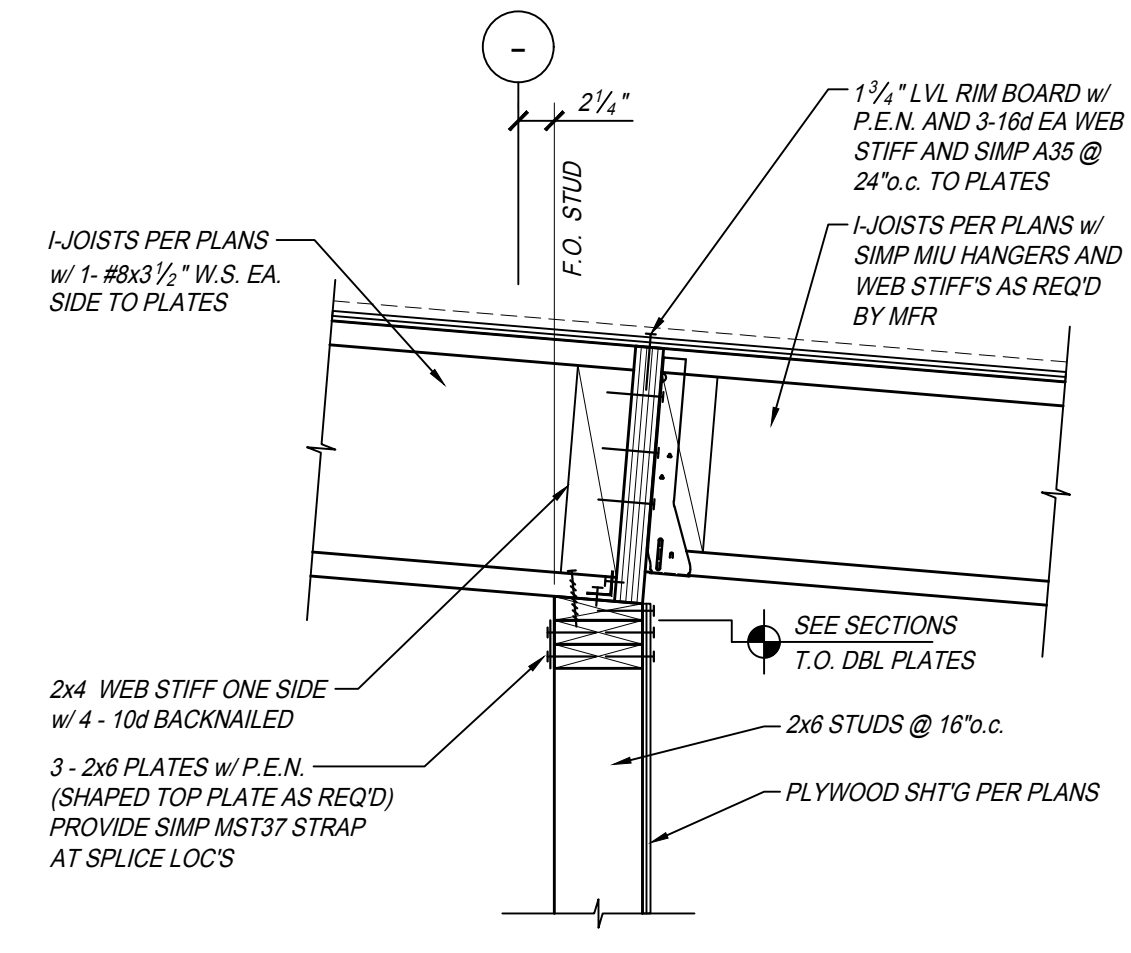
DETAIL

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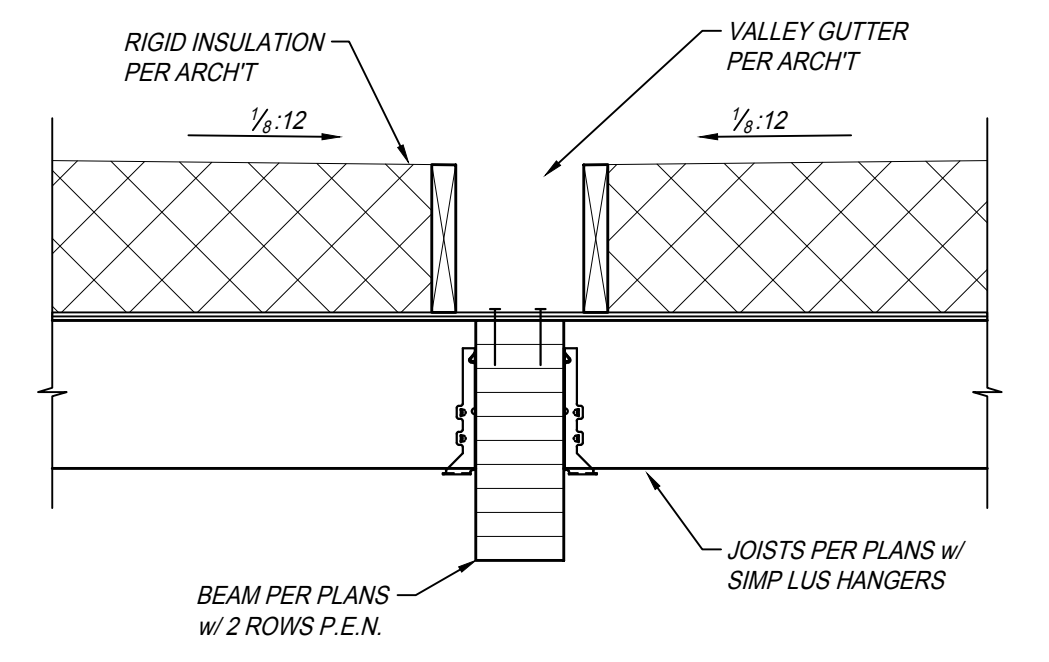
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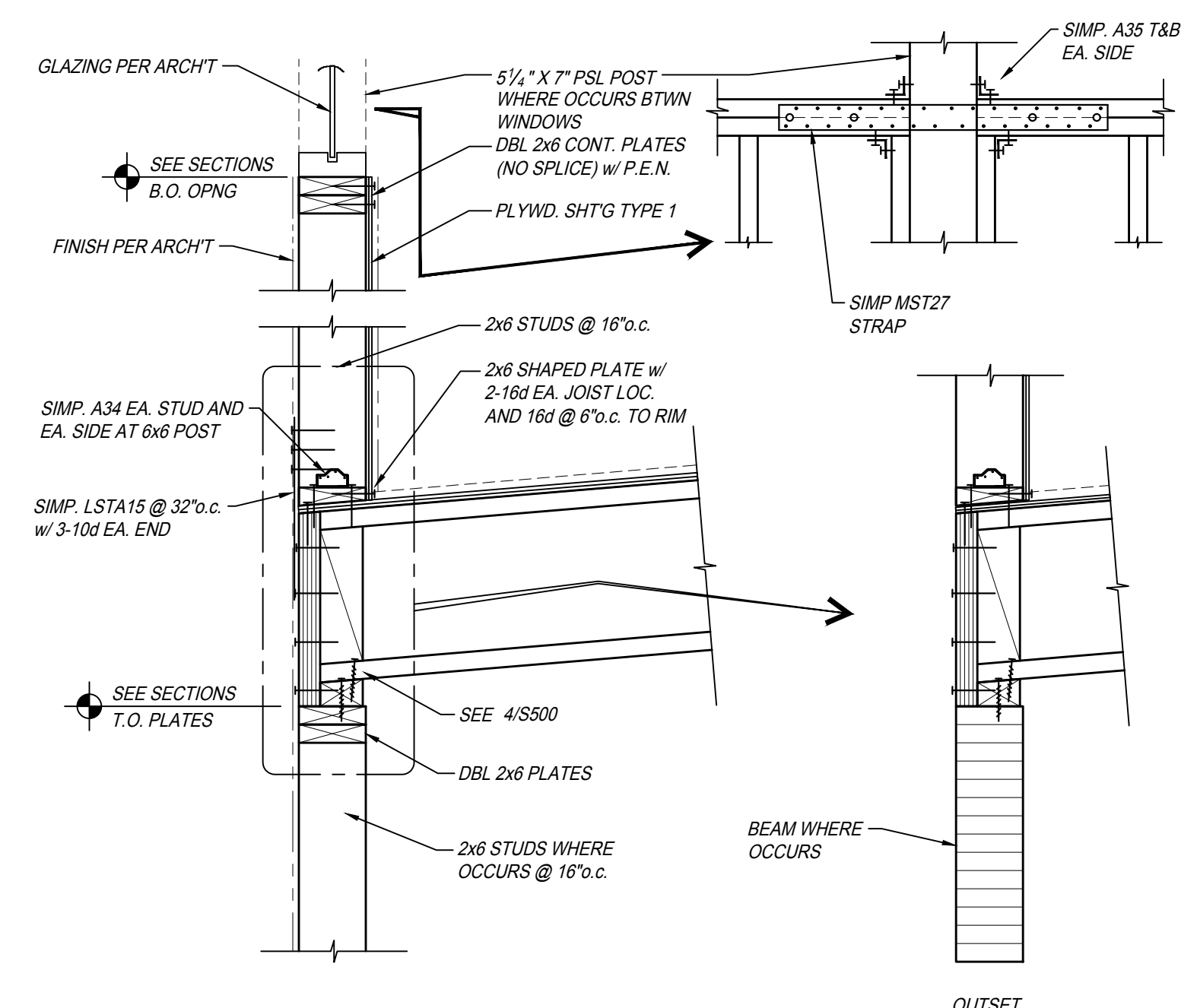
DETAIL

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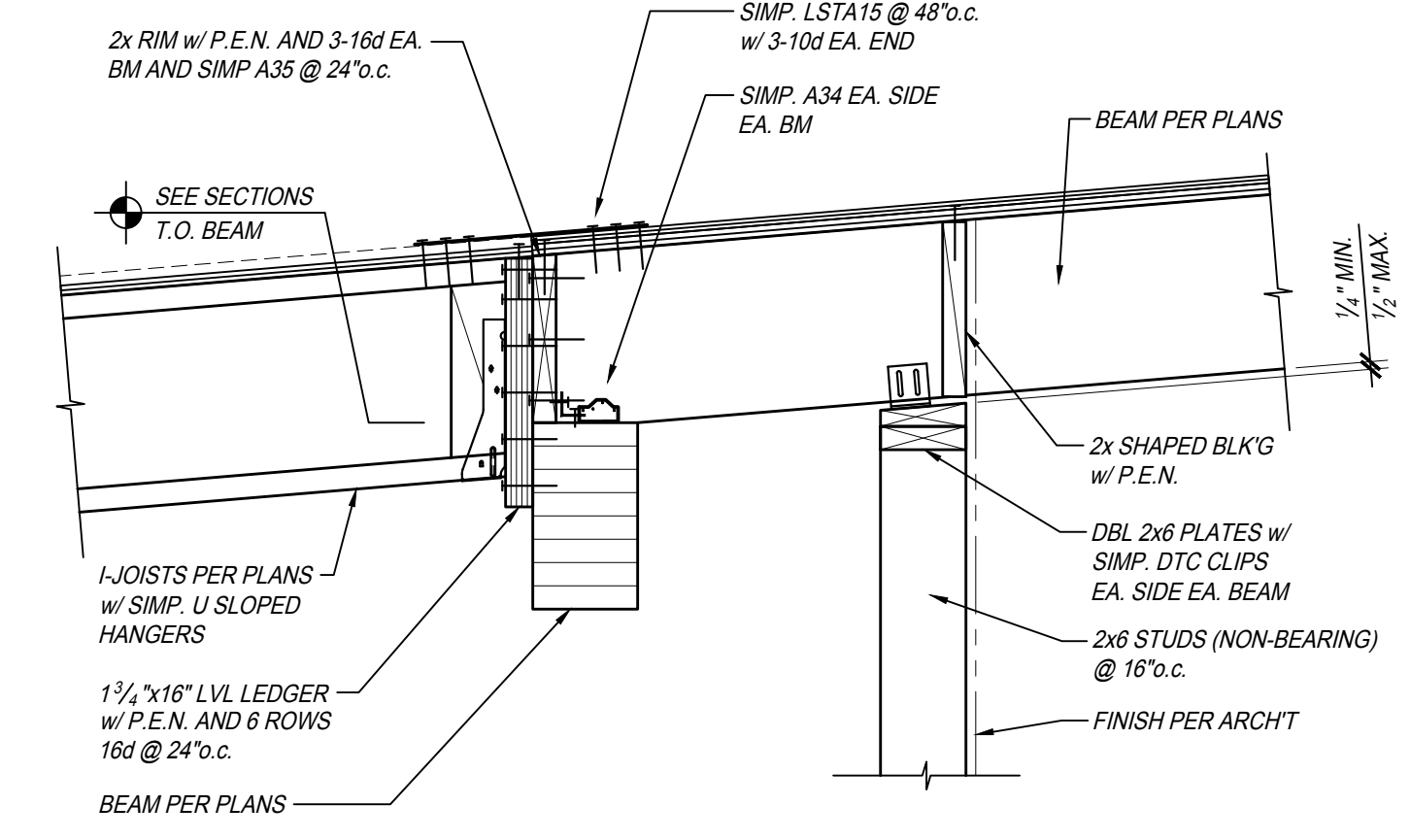
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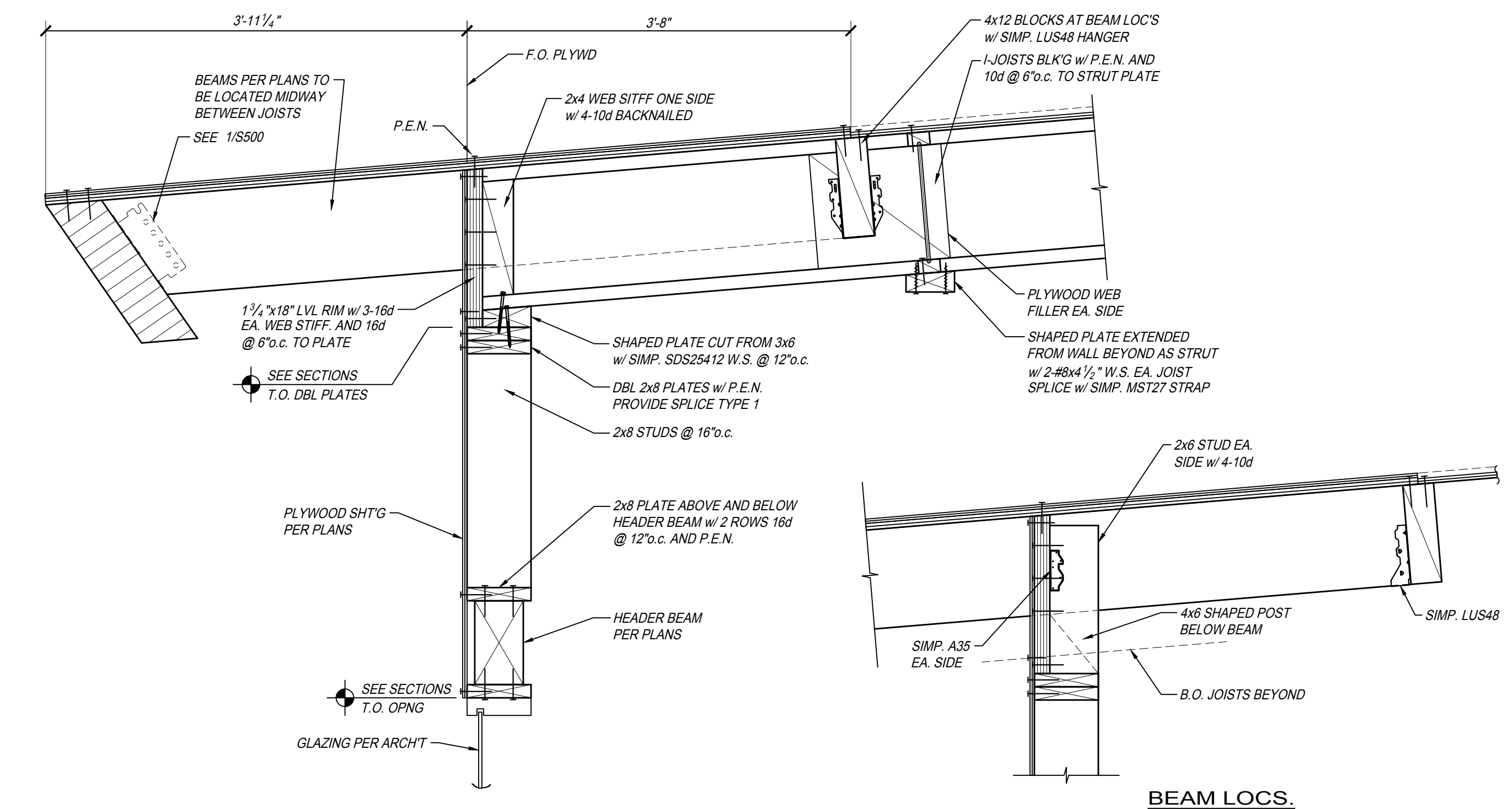
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DETAIL

SCALE: 1" = 1'-0" RFD11 S500



DETAIL

SCALE: 1" = 1'-0" RFD10 S500

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

PROJECT NUMBER: 17044.1

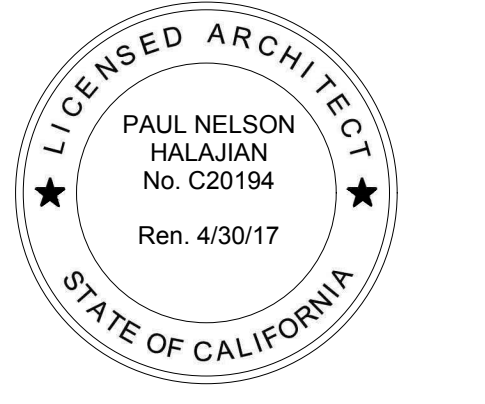
SHEET NUMBER: AD1 S500

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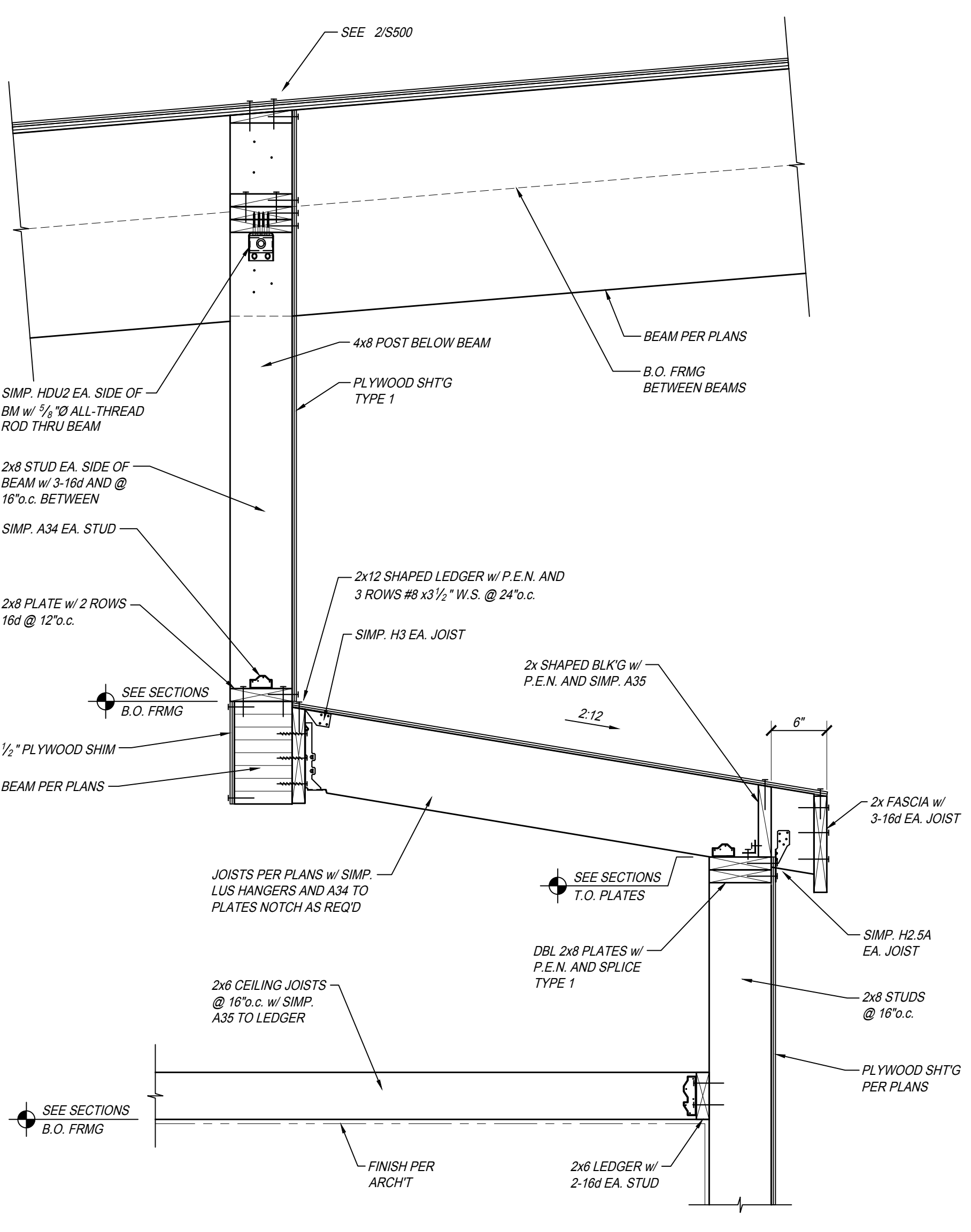
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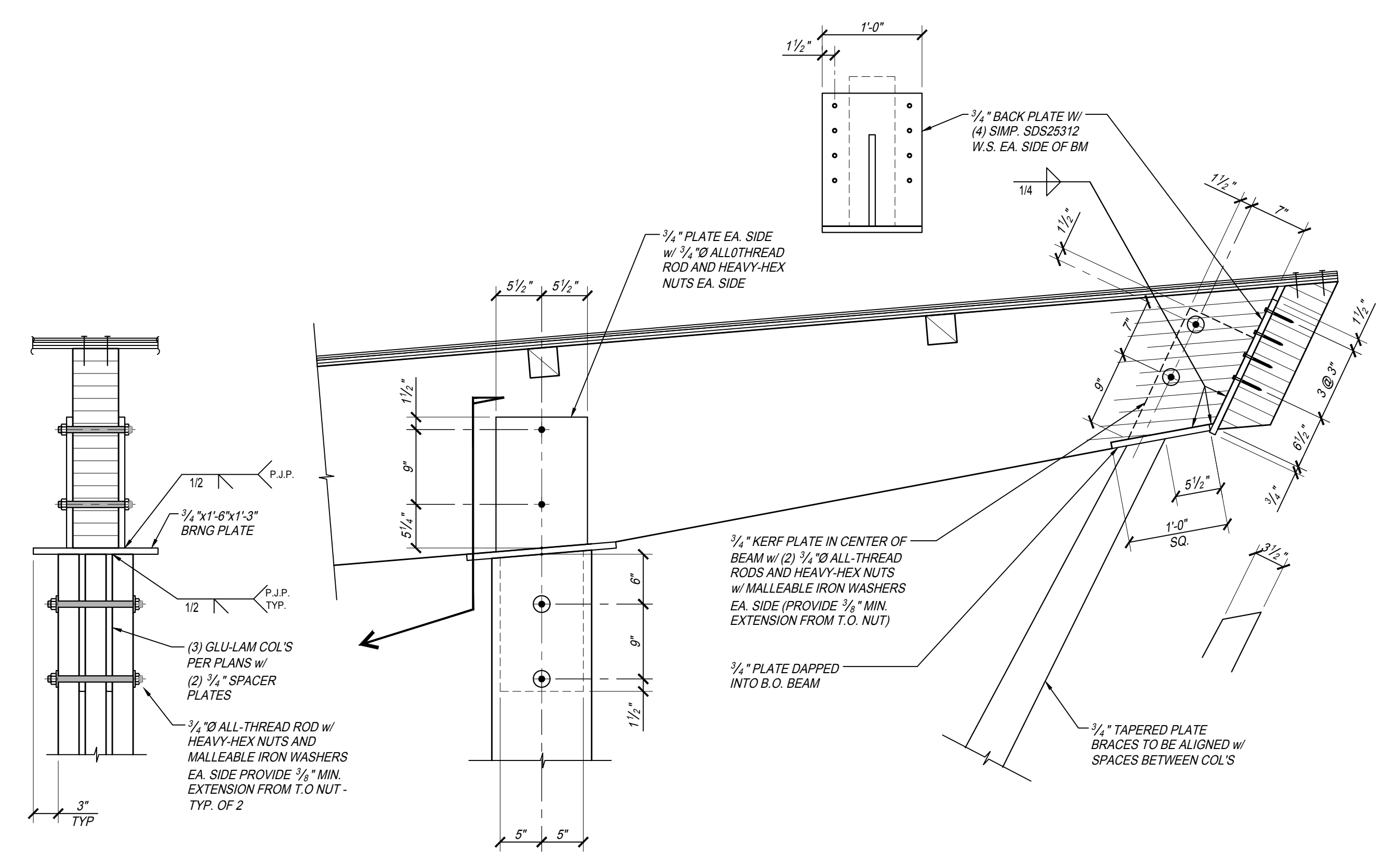
ADDENDUM 01



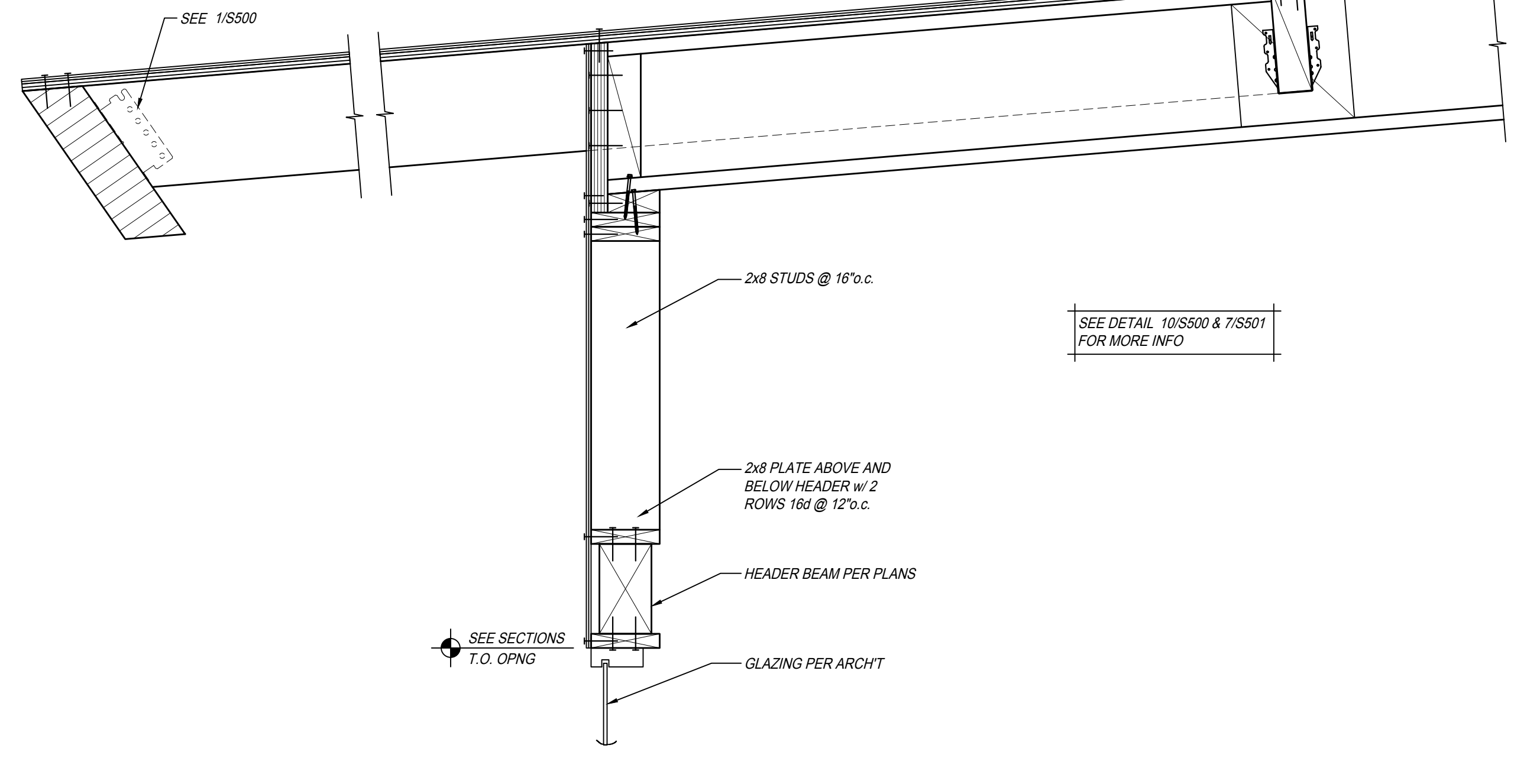
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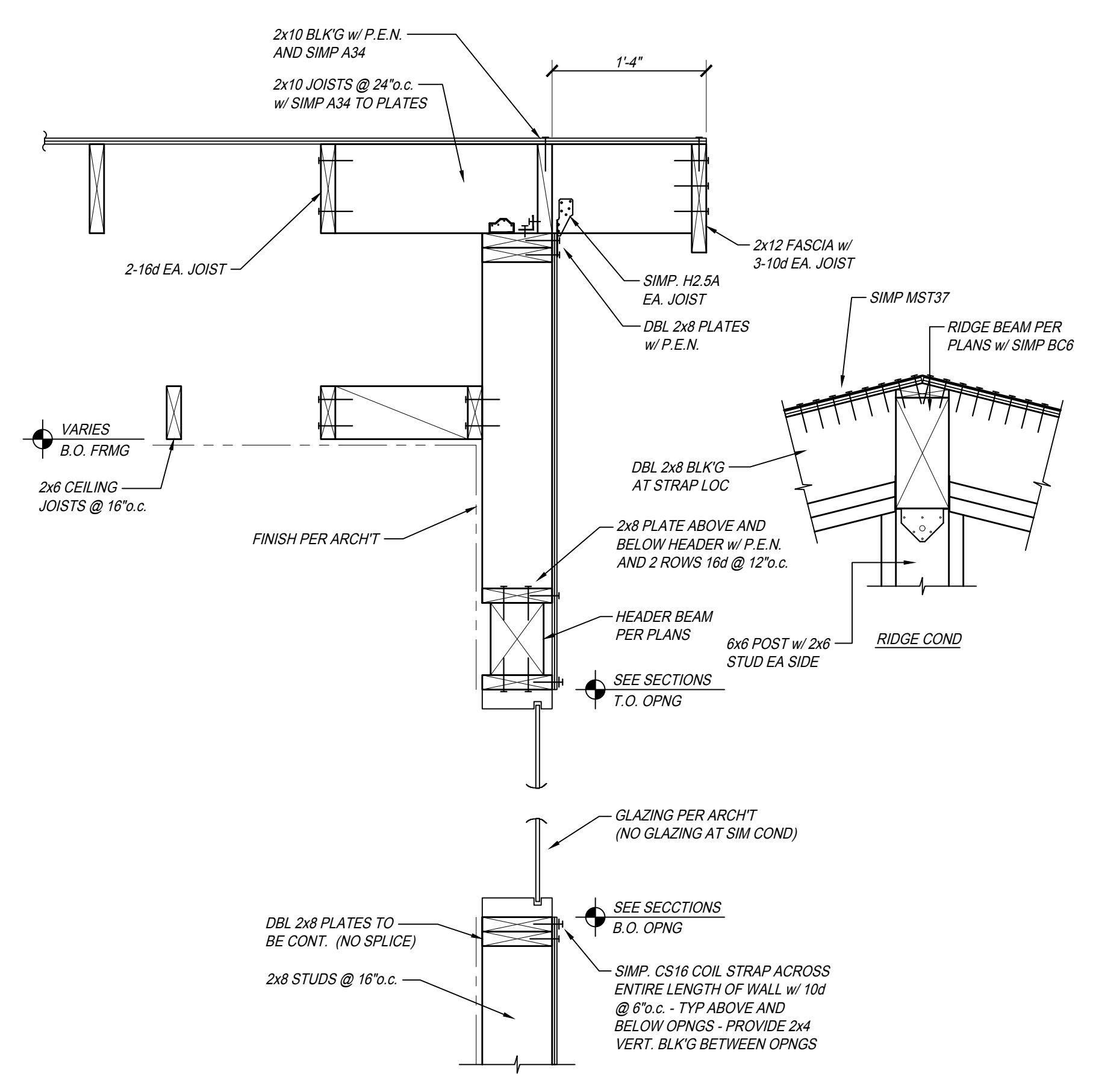
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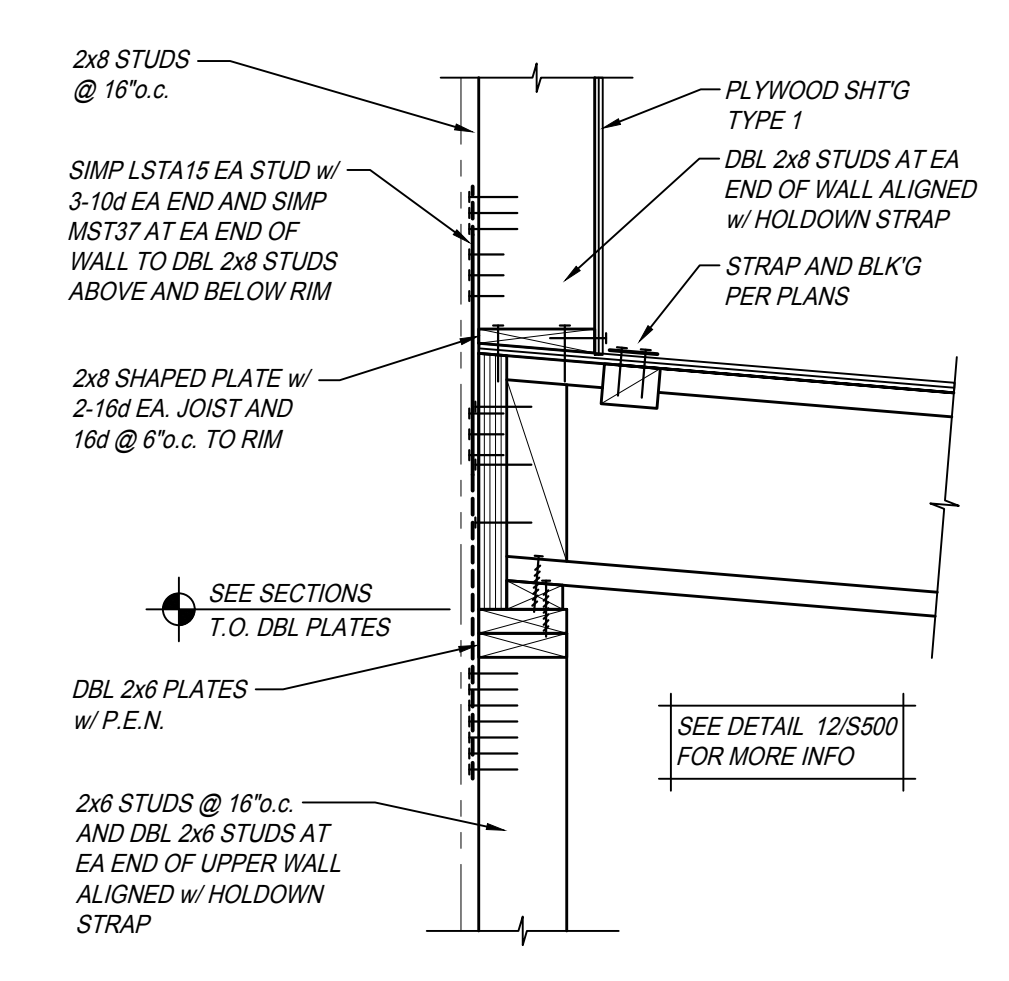
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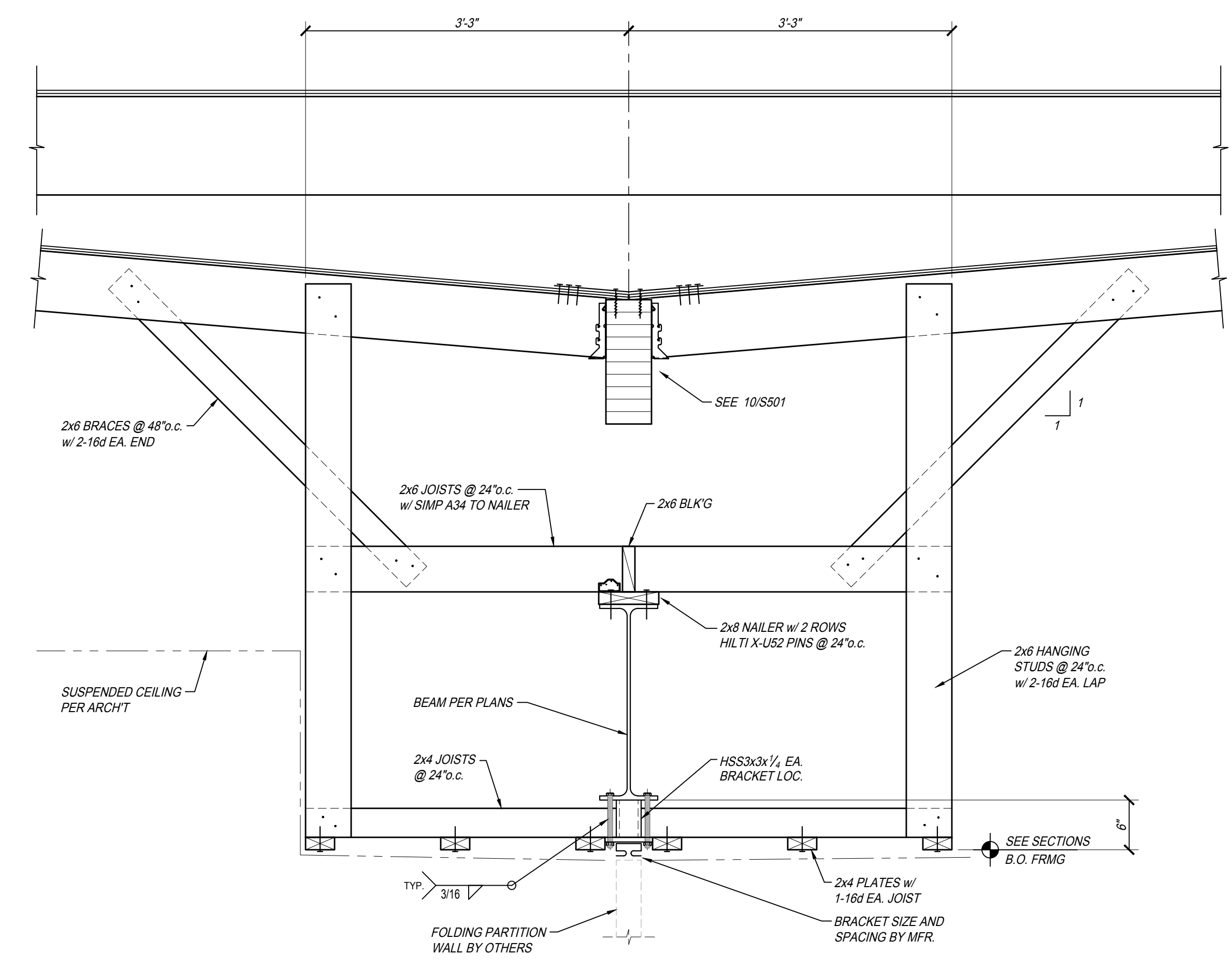
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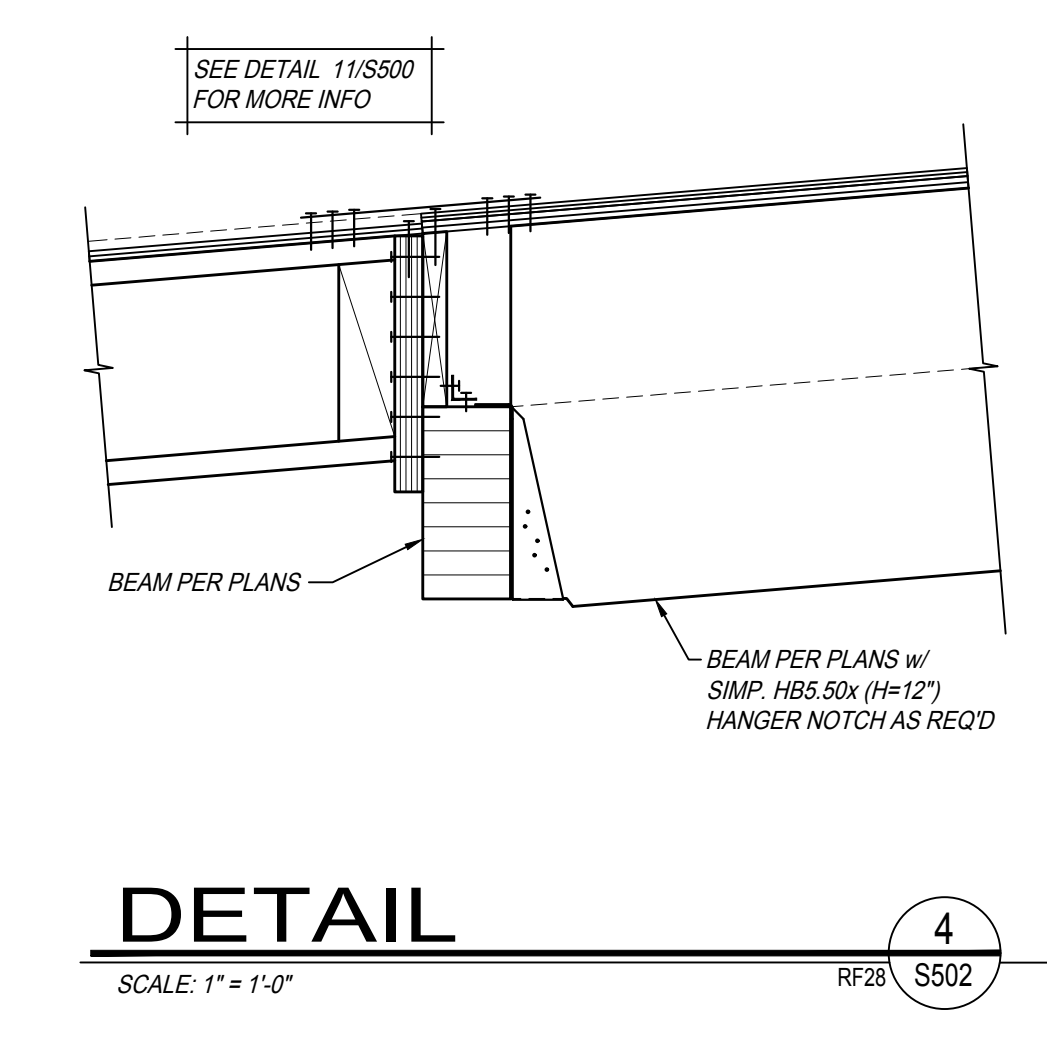
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DETAIL
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REF: S502



DETAIL
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REF: S502



DETAIL
SCALE: 1" = 1'-0"
REF: S502

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

DRAWING SET INFORMATION:

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REVISIONS:

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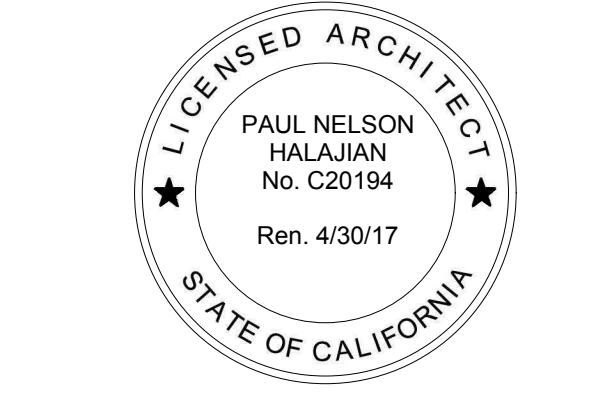
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SHEET NUMBER:
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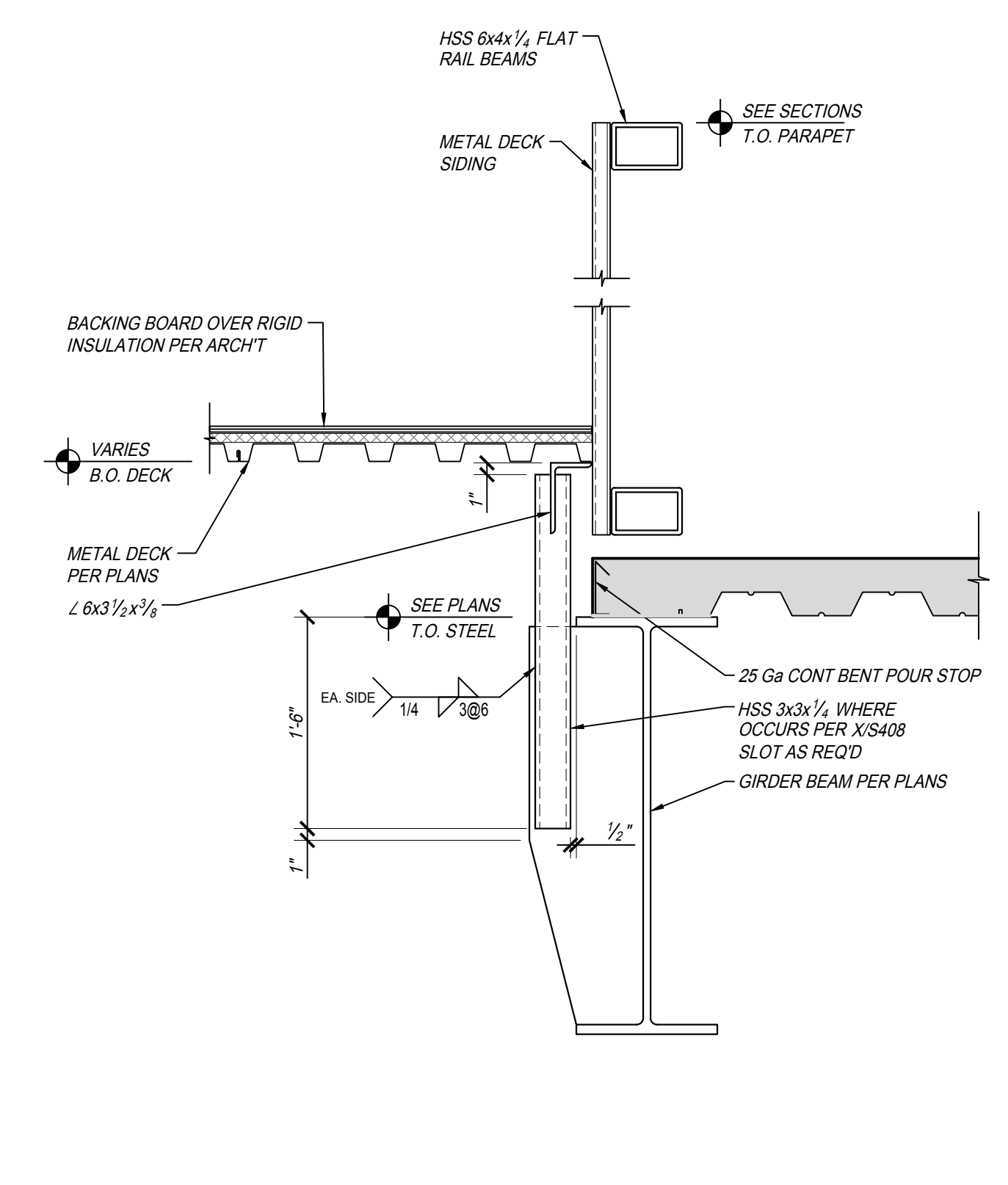
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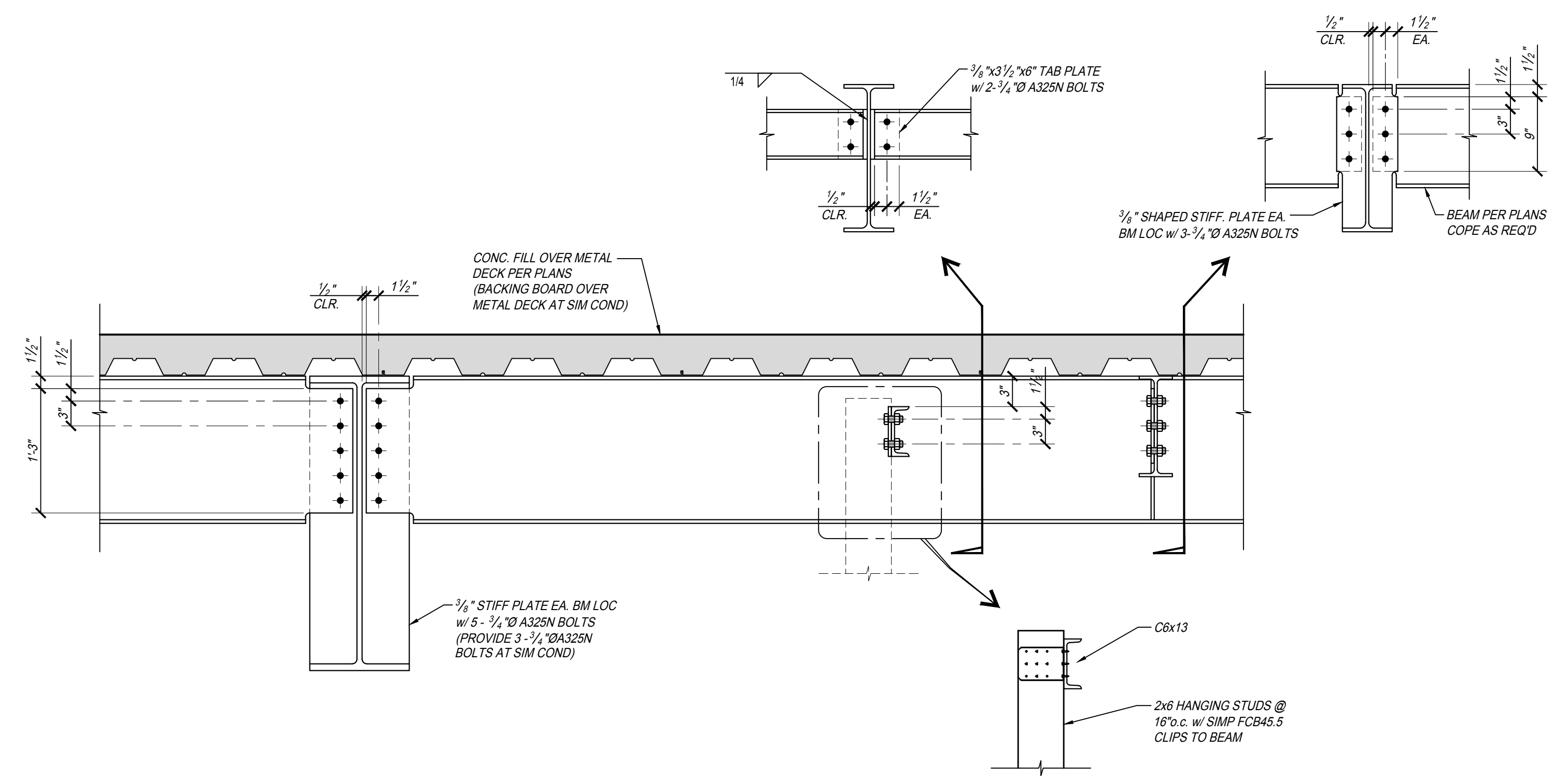
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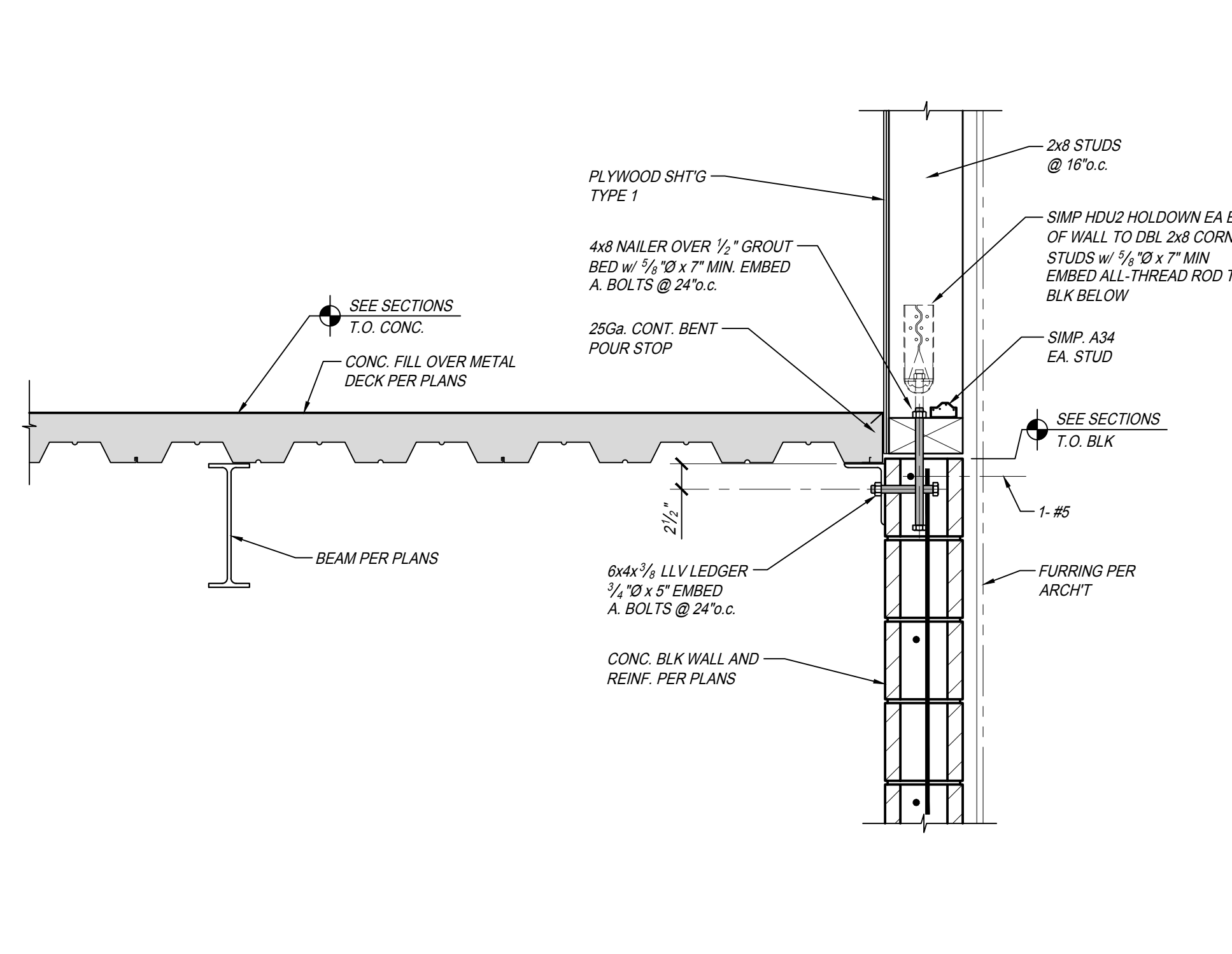
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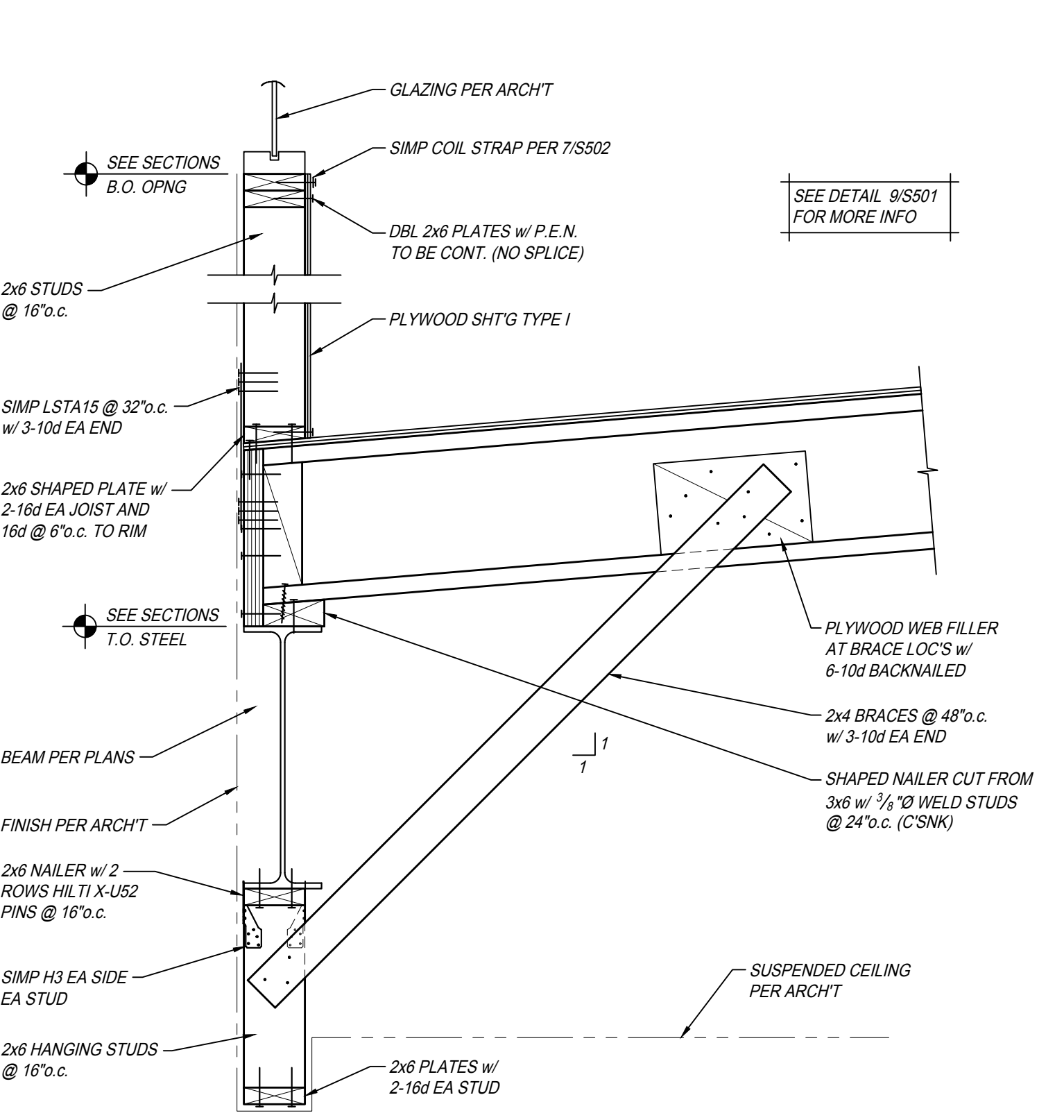
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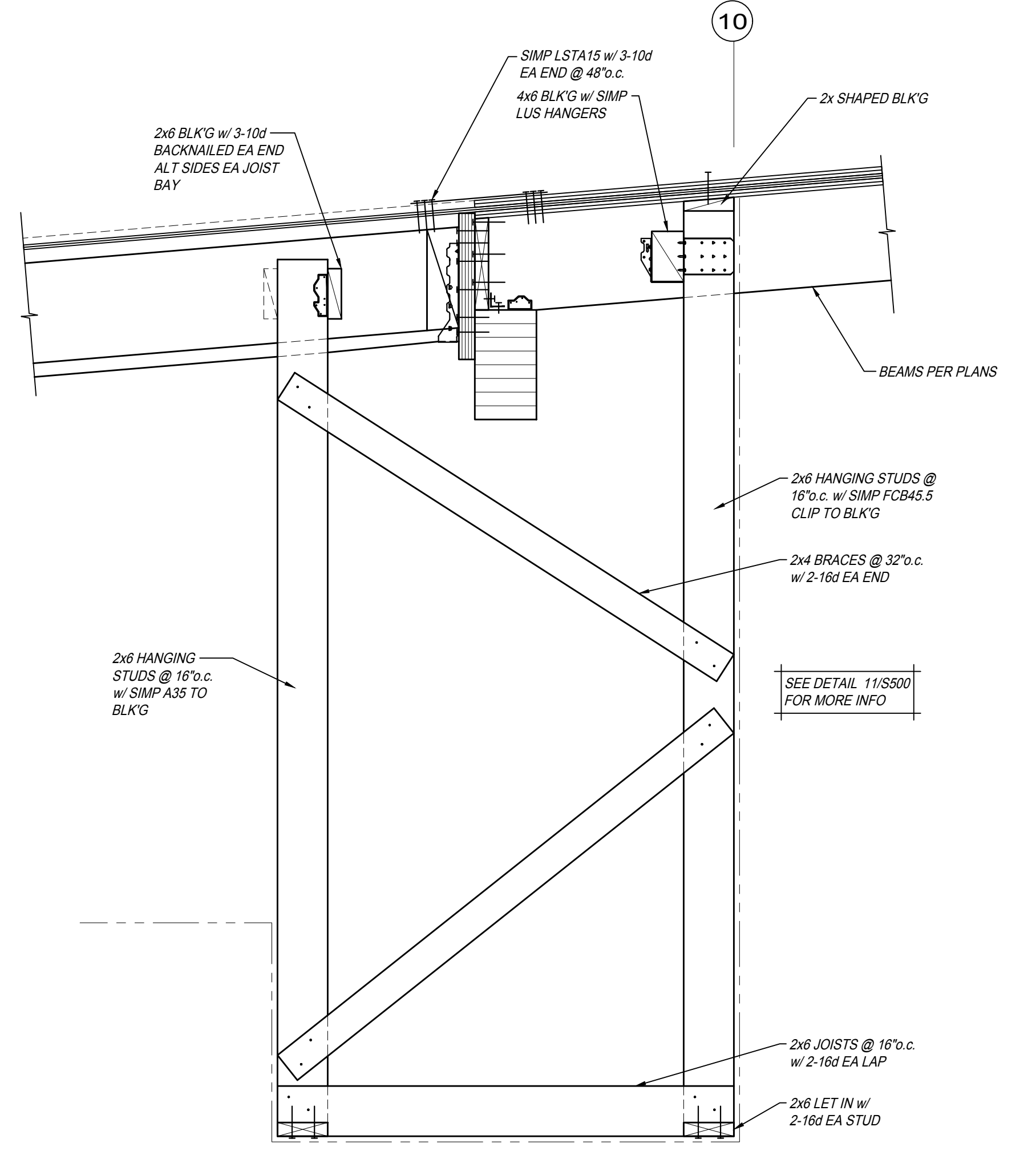
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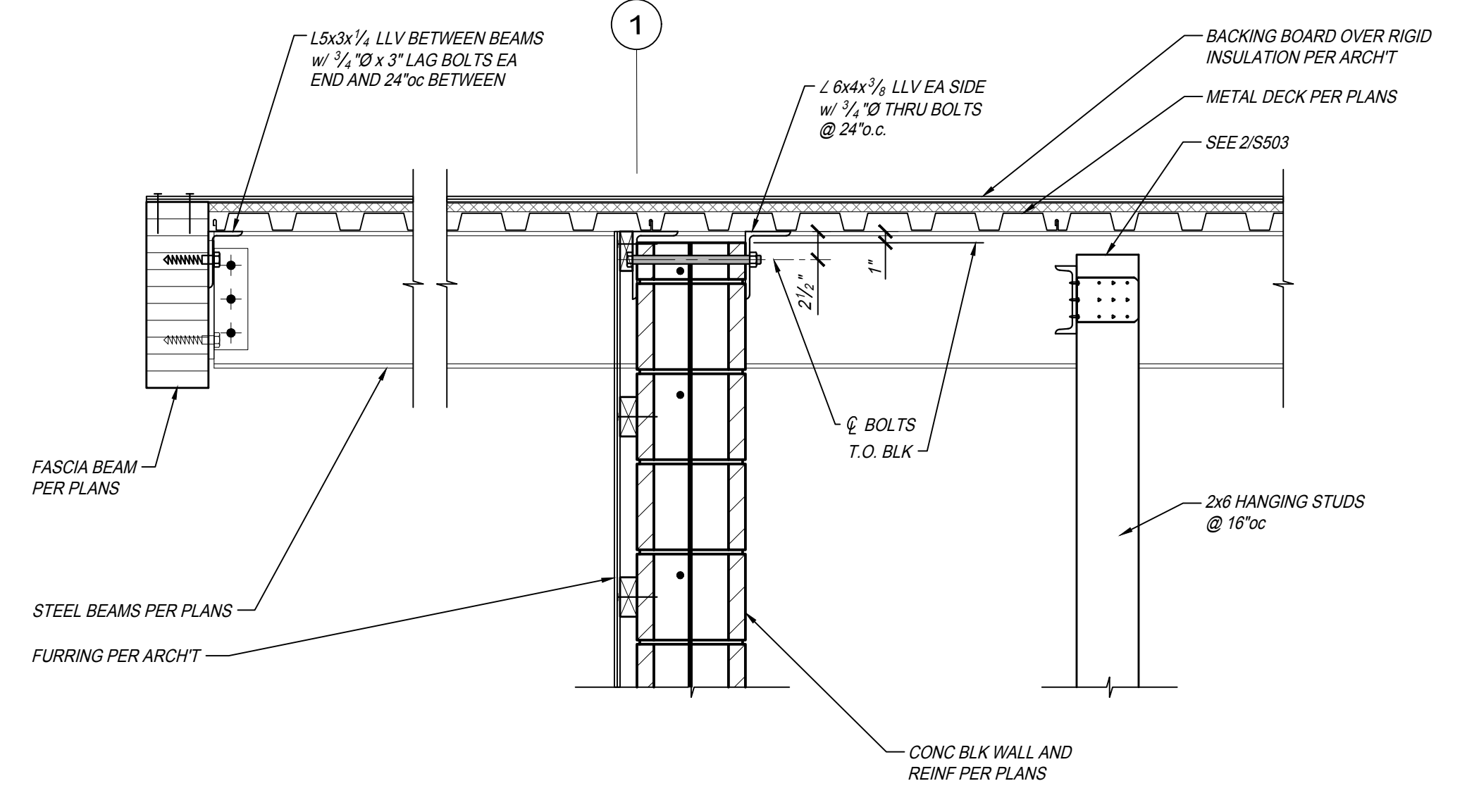
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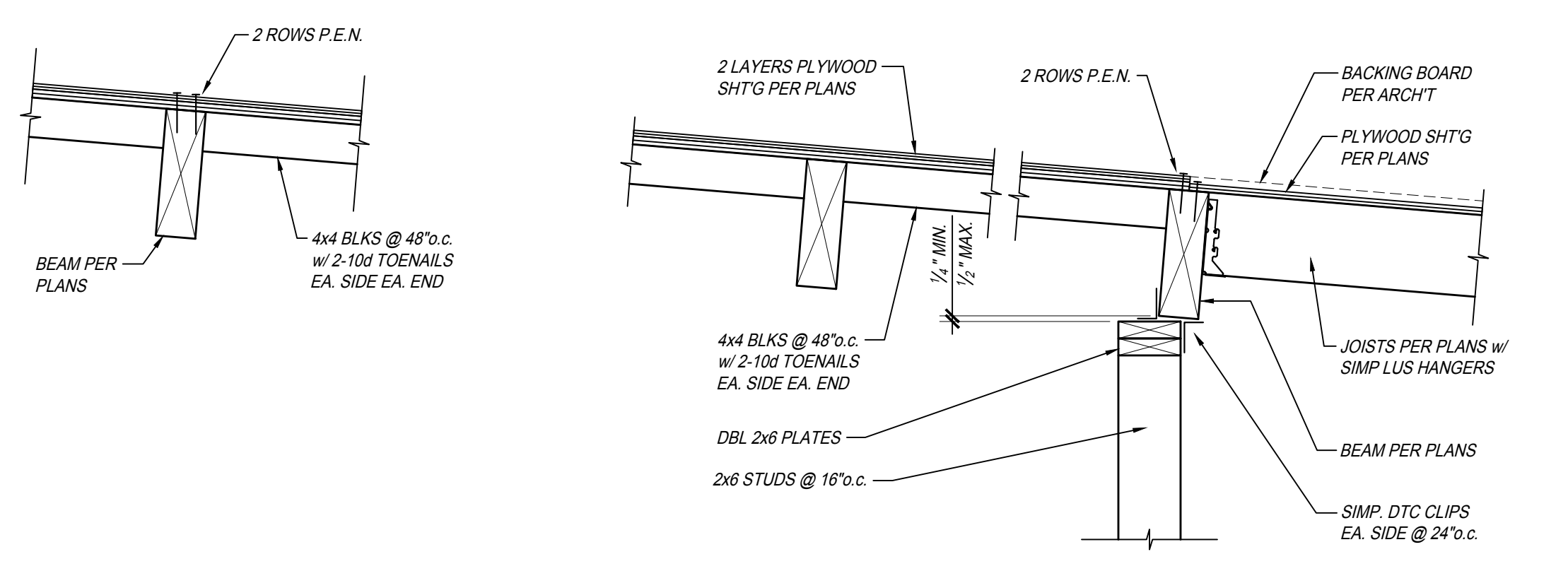
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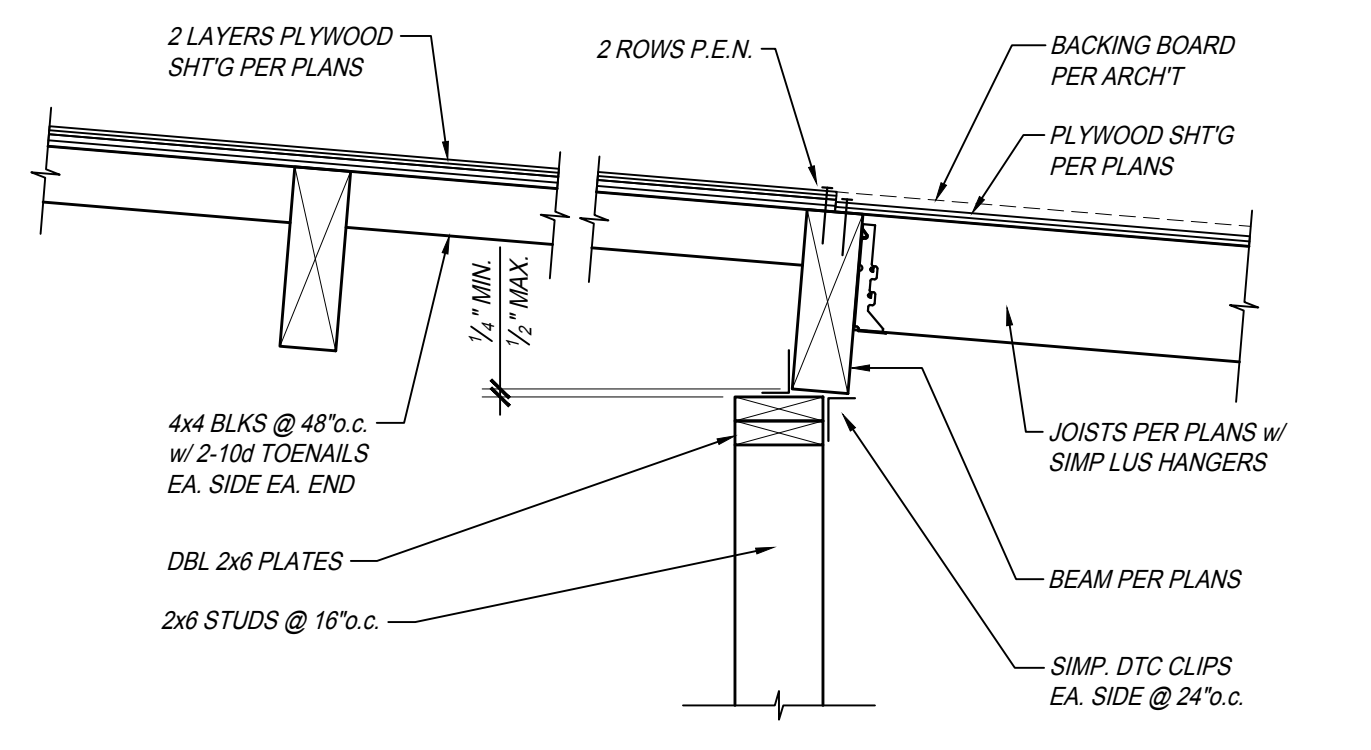
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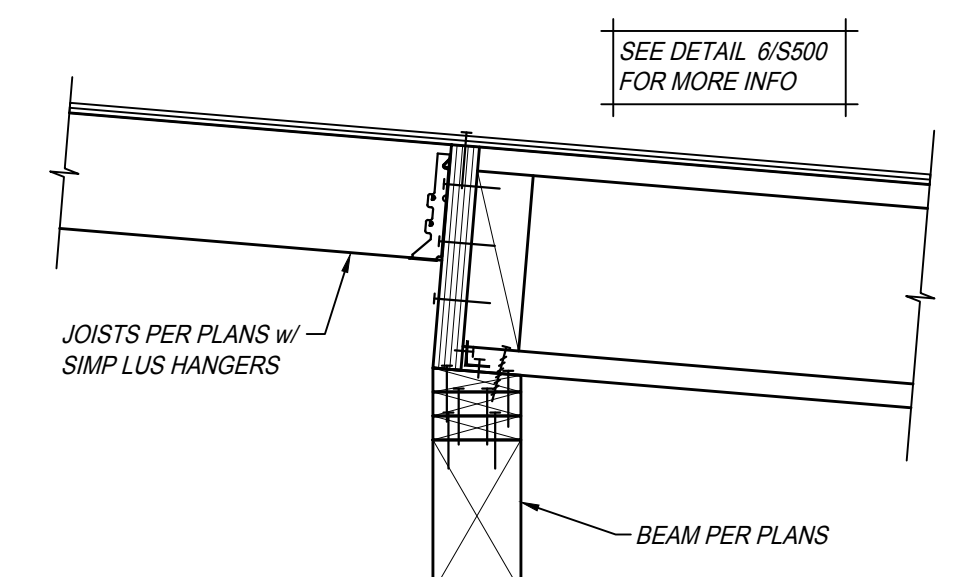
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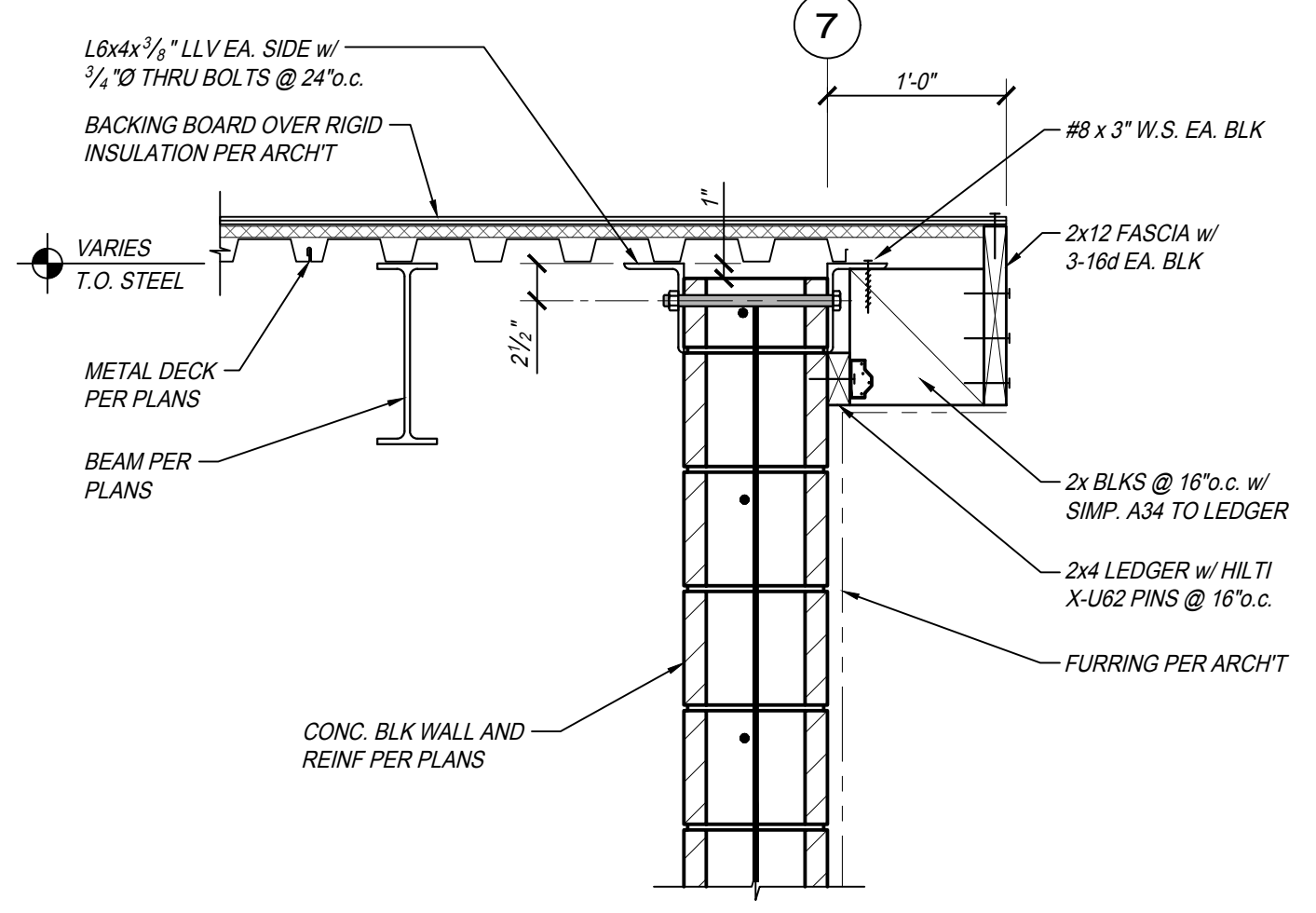
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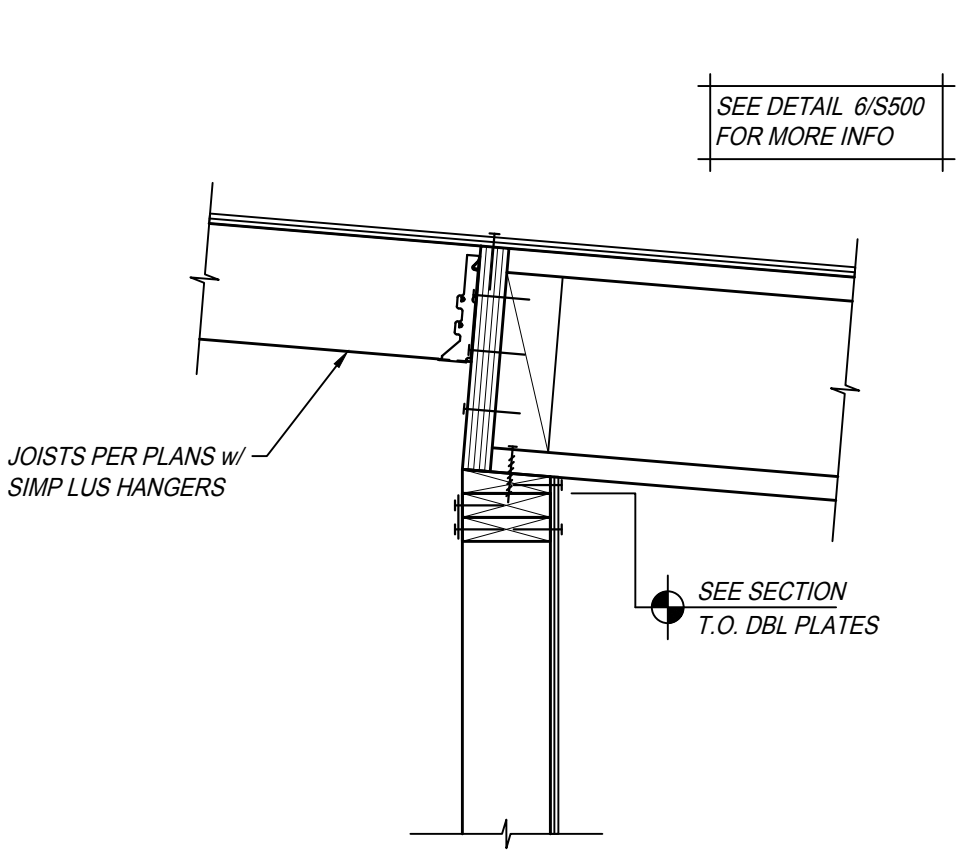
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RF41 S503



DETAIL 9
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RF40 S503



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



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

DETAIL ADDENDUM 01
SCALE: 1" = 1'-0"
RF38 S503

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

DRAWING SET INFORMATION:

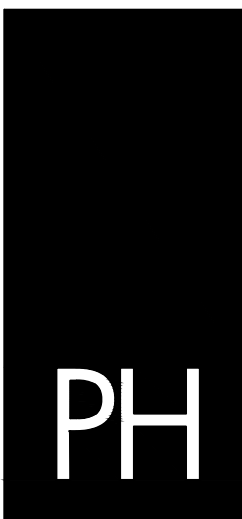
06/19/2020	Plan Check Submittal
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REVISIONS:

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

PROJECT NUMBER:
17044.1

SHEET NUMBER:
AD1 S503



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City of Clovis Senior Activity Center and Transit Center

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

PROJECT NUMBER:
17044.1

SHEET NUMBER:
AD1 S505

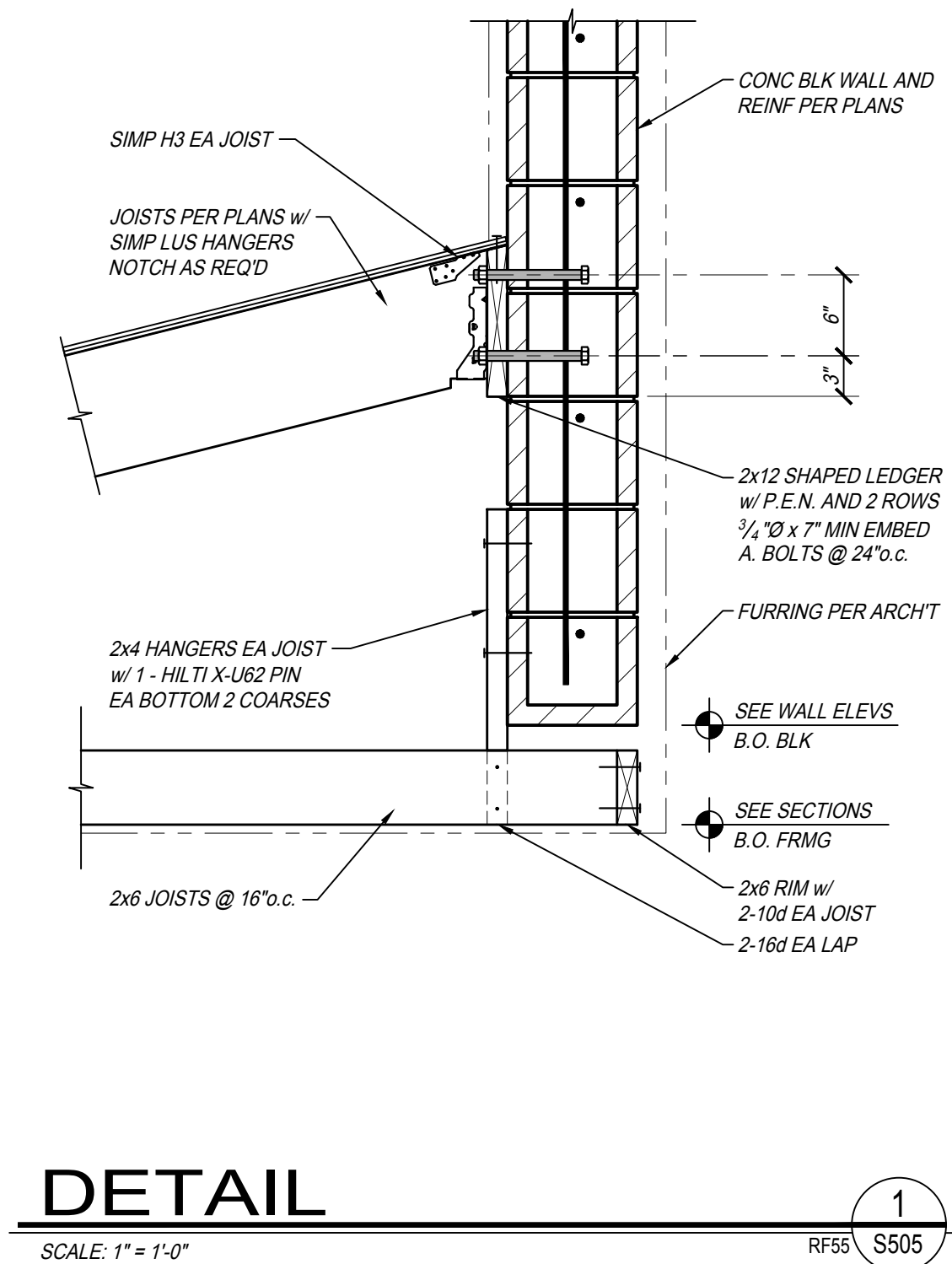


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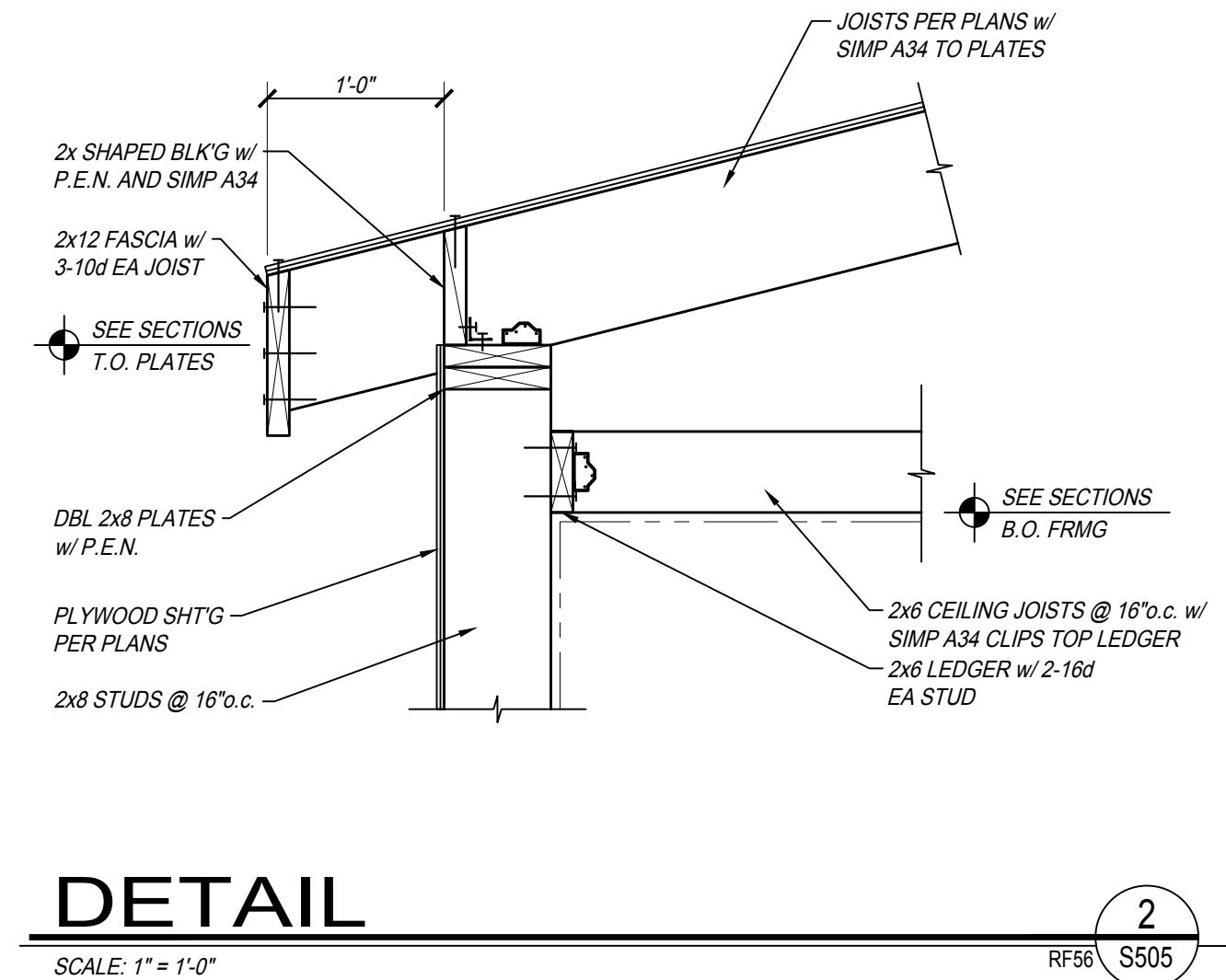
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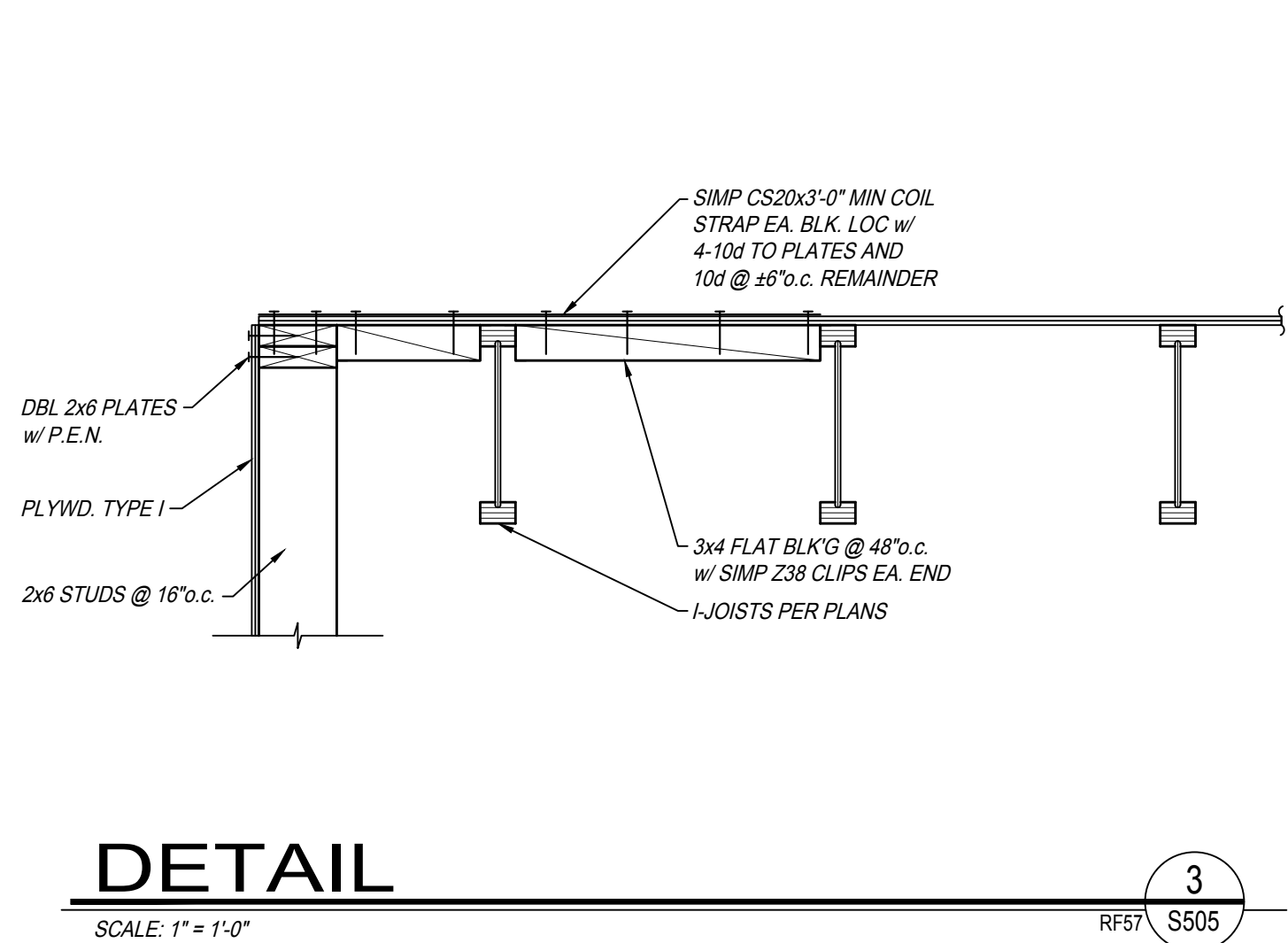
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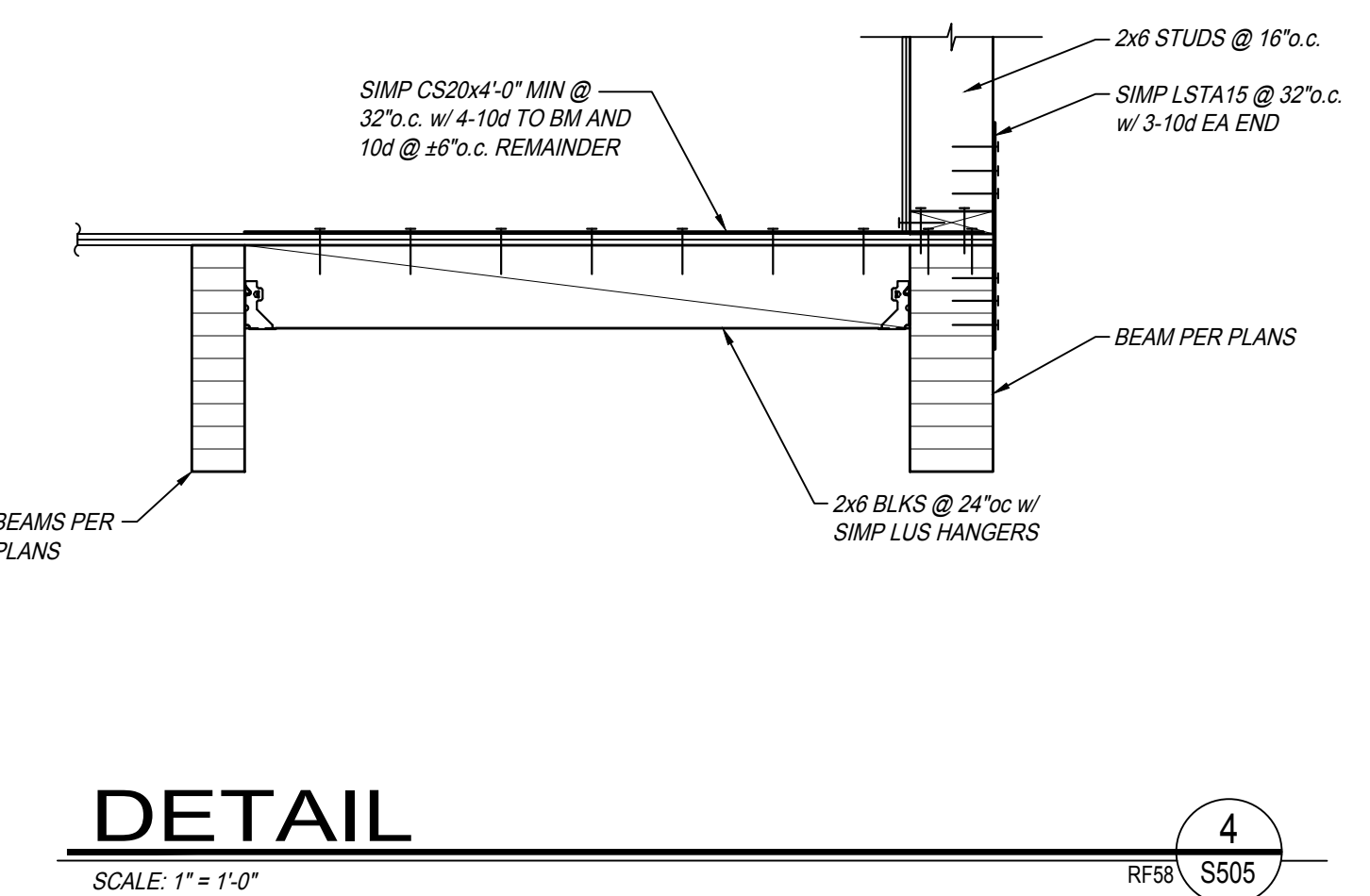
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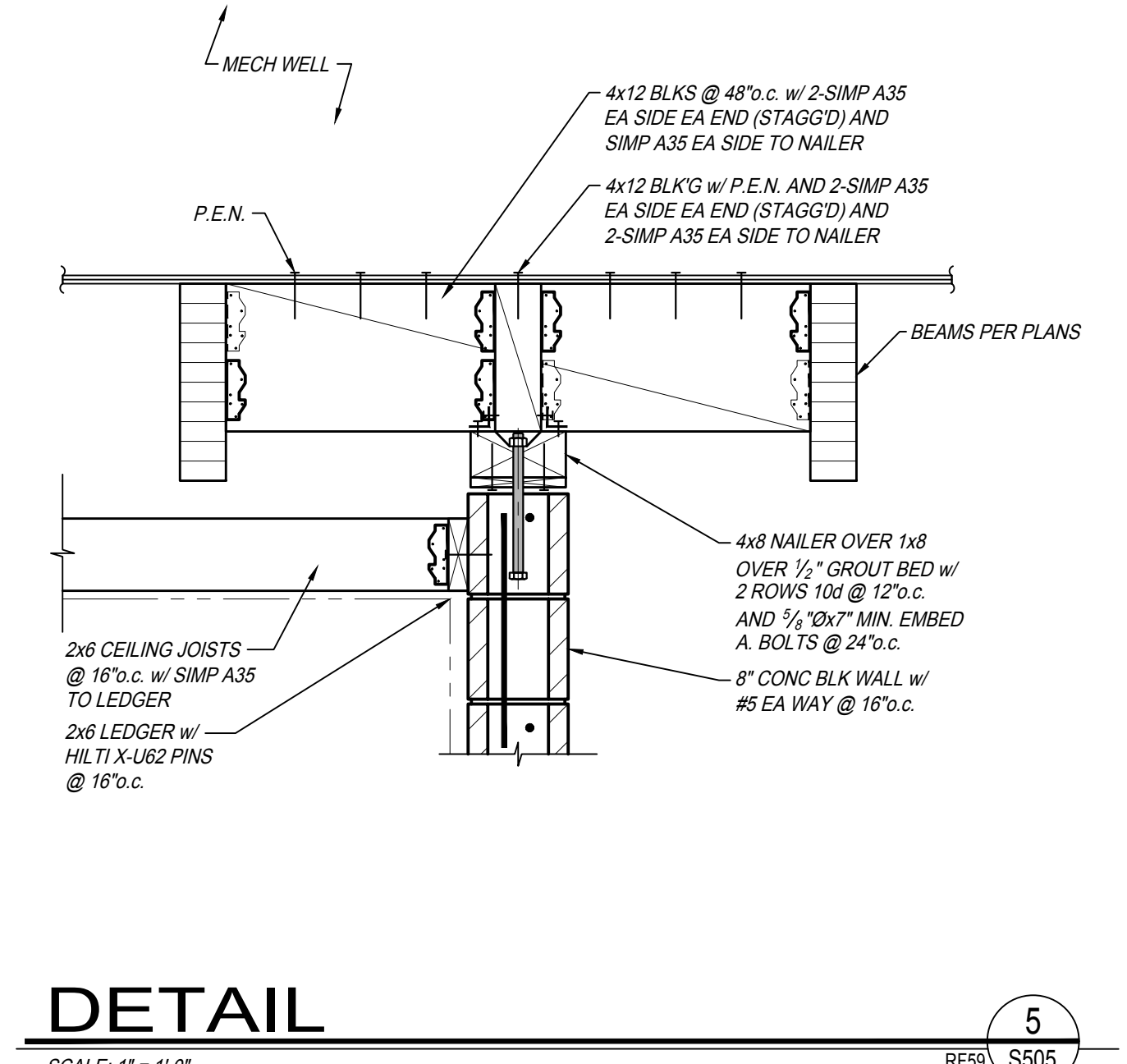
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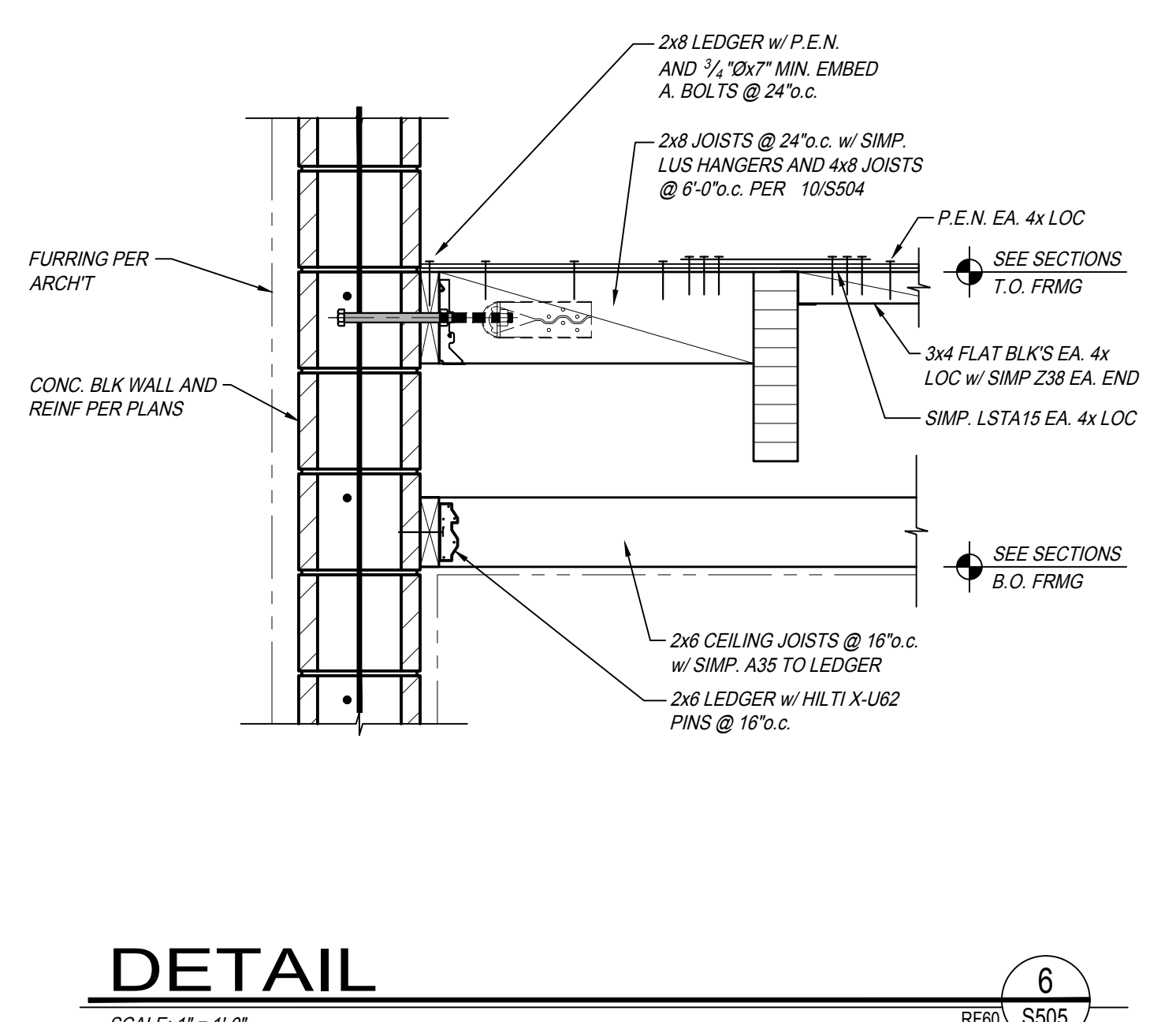
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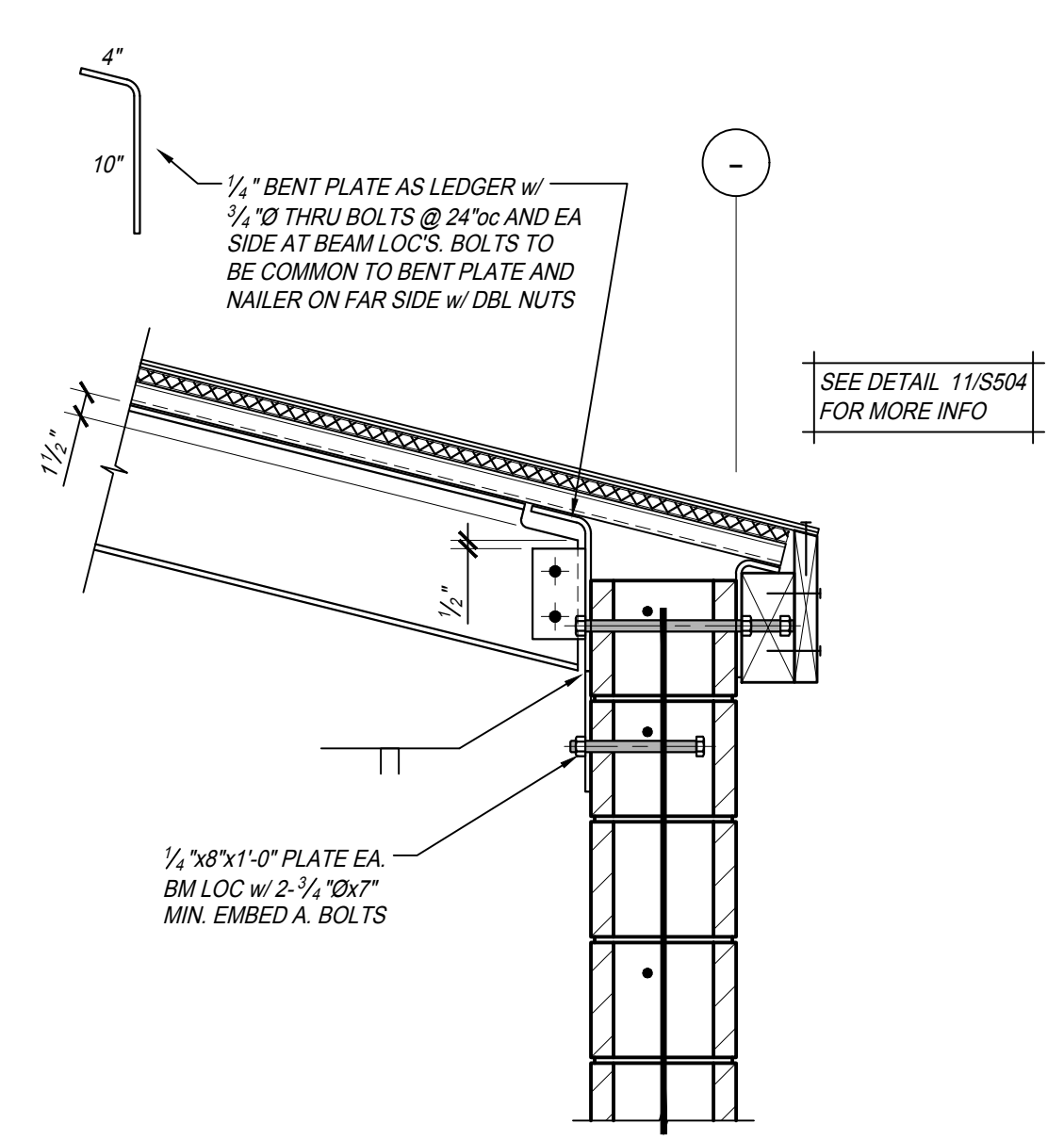
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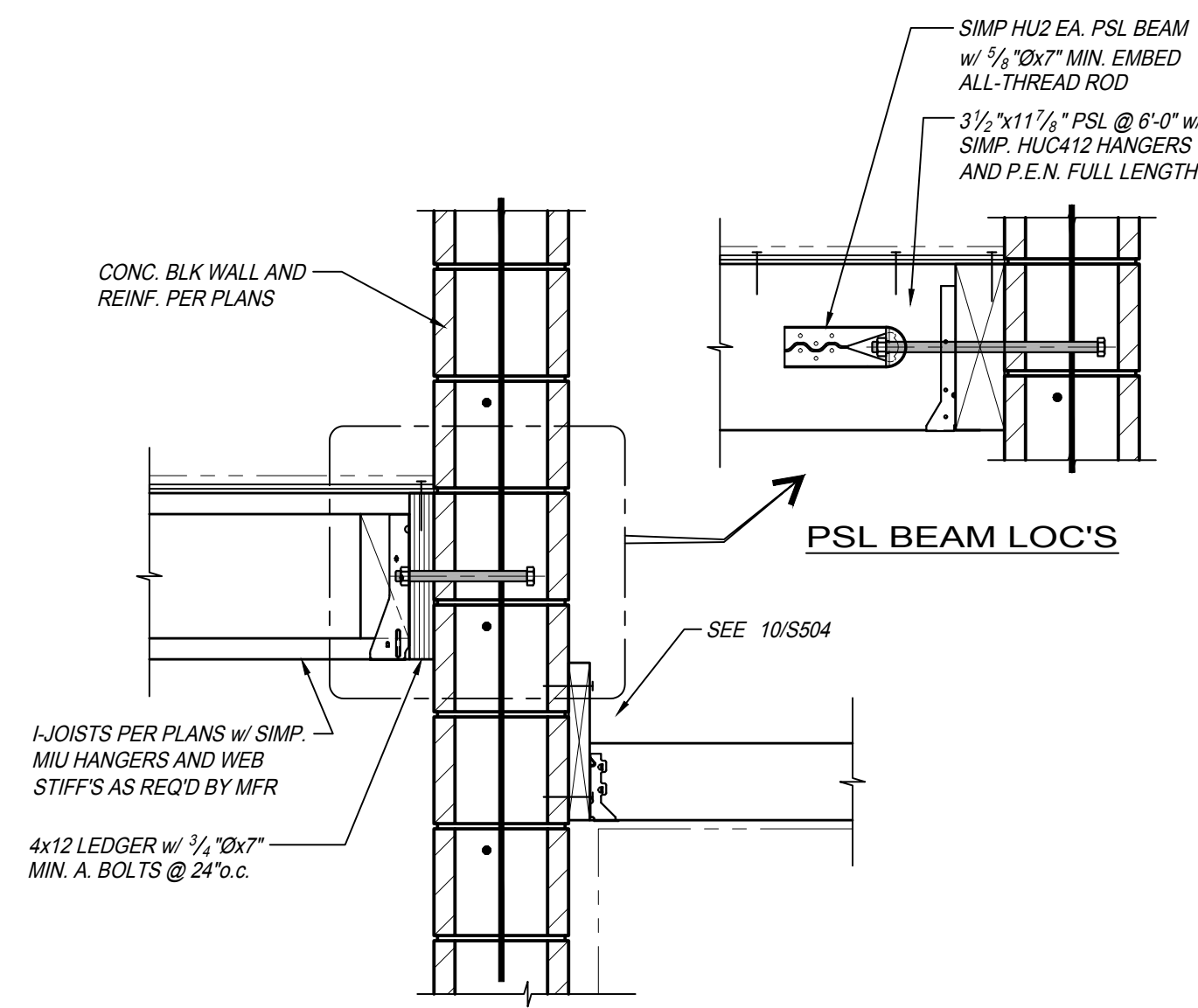
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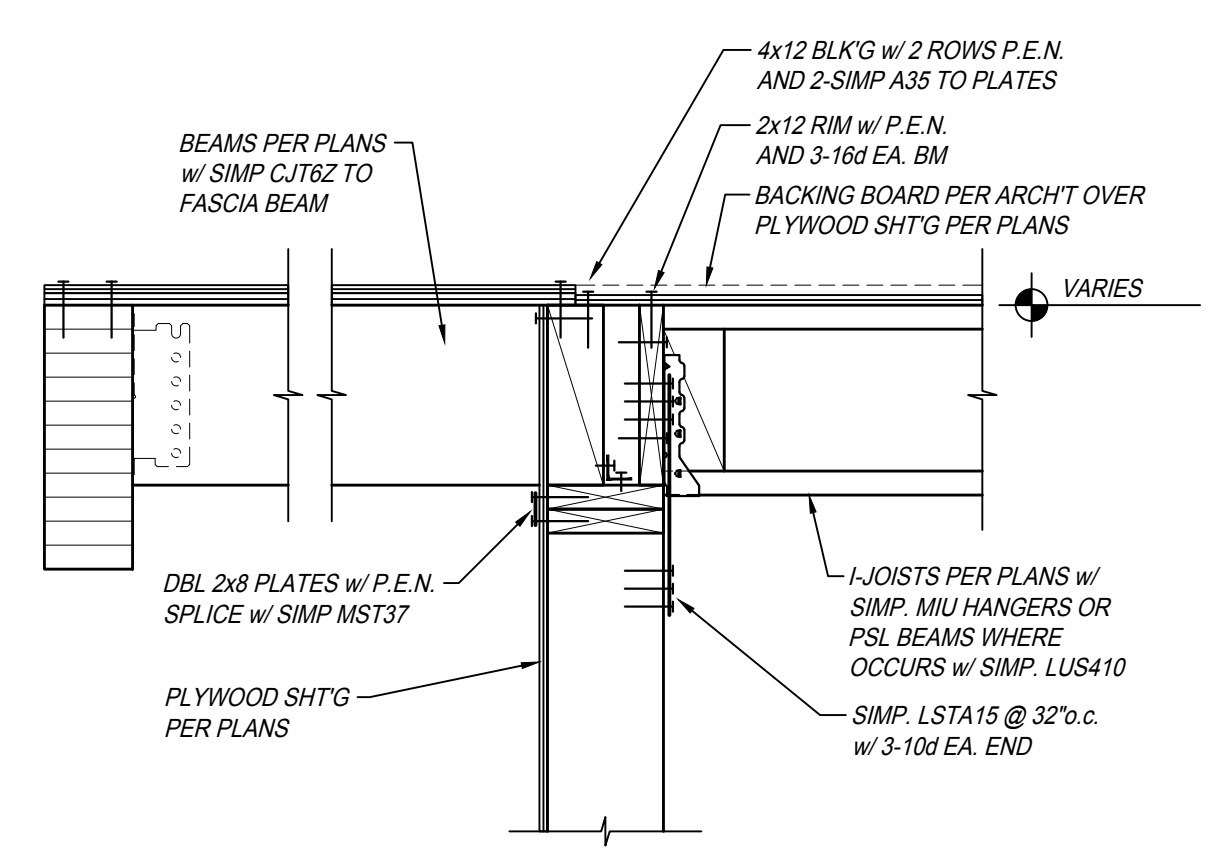
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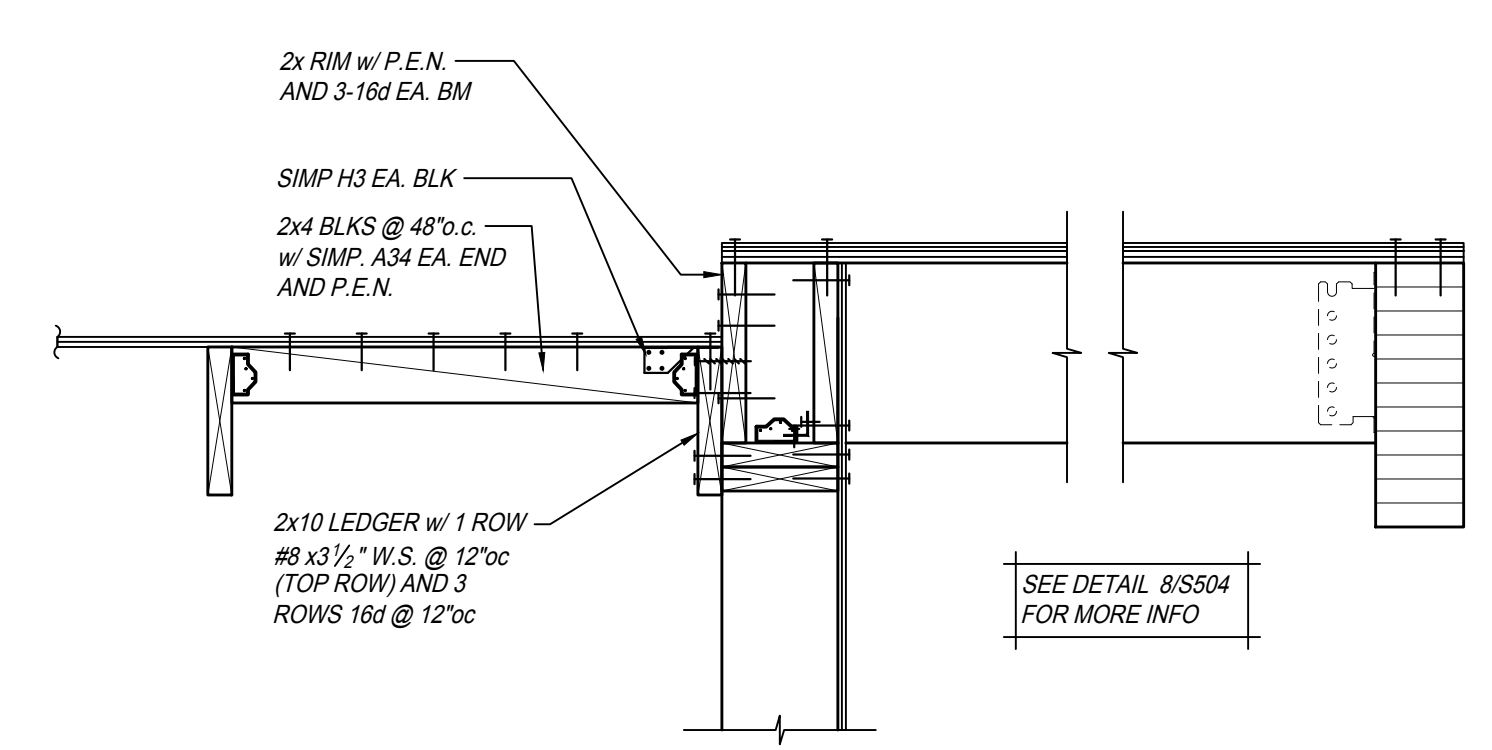
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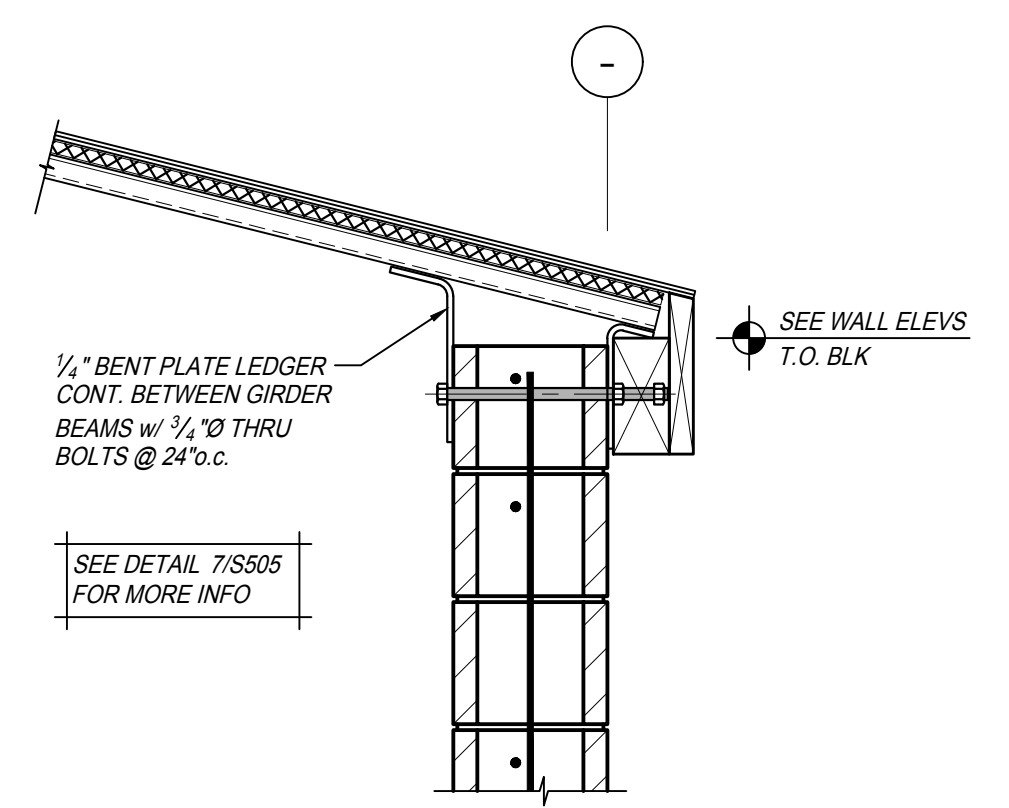
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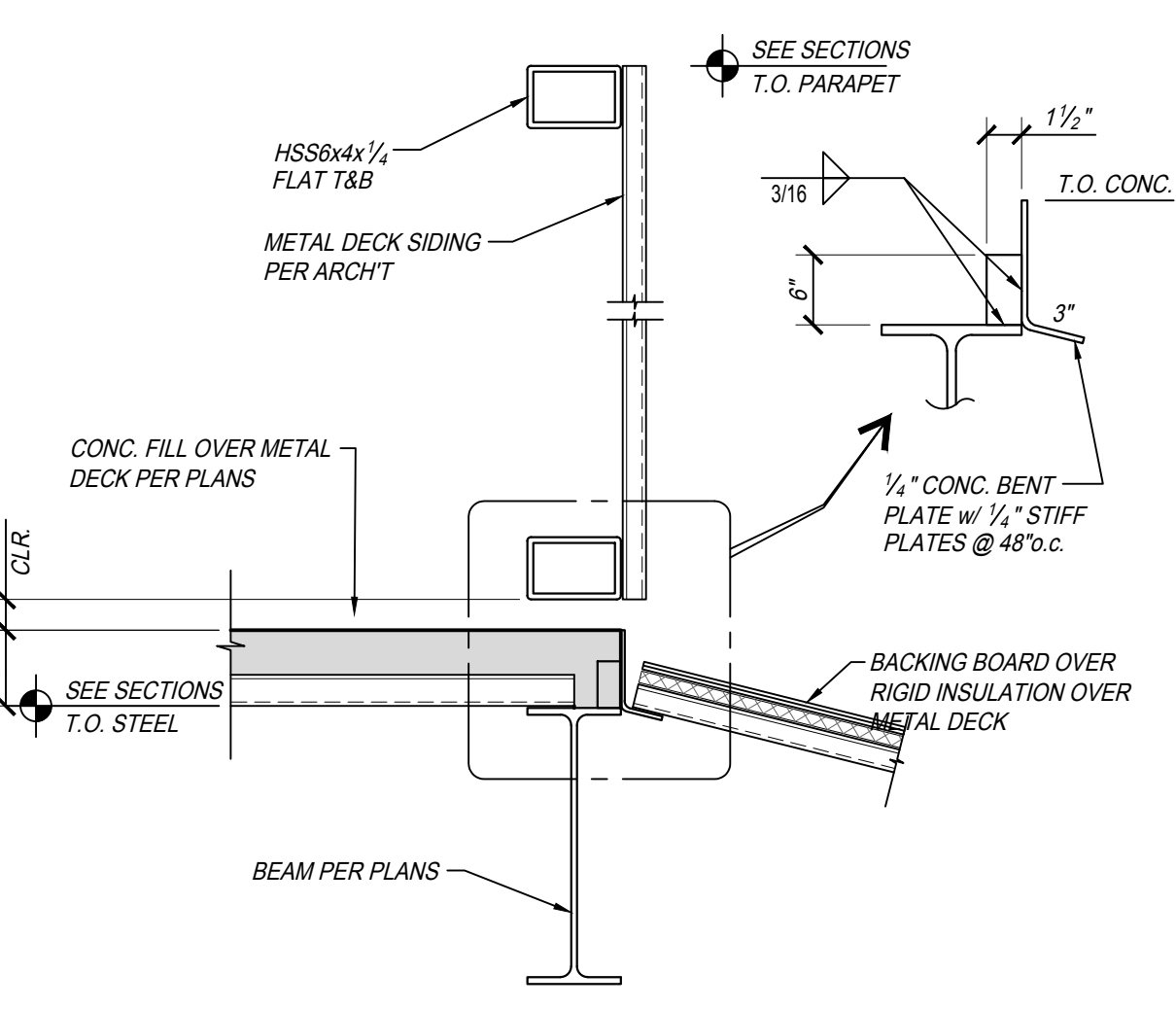
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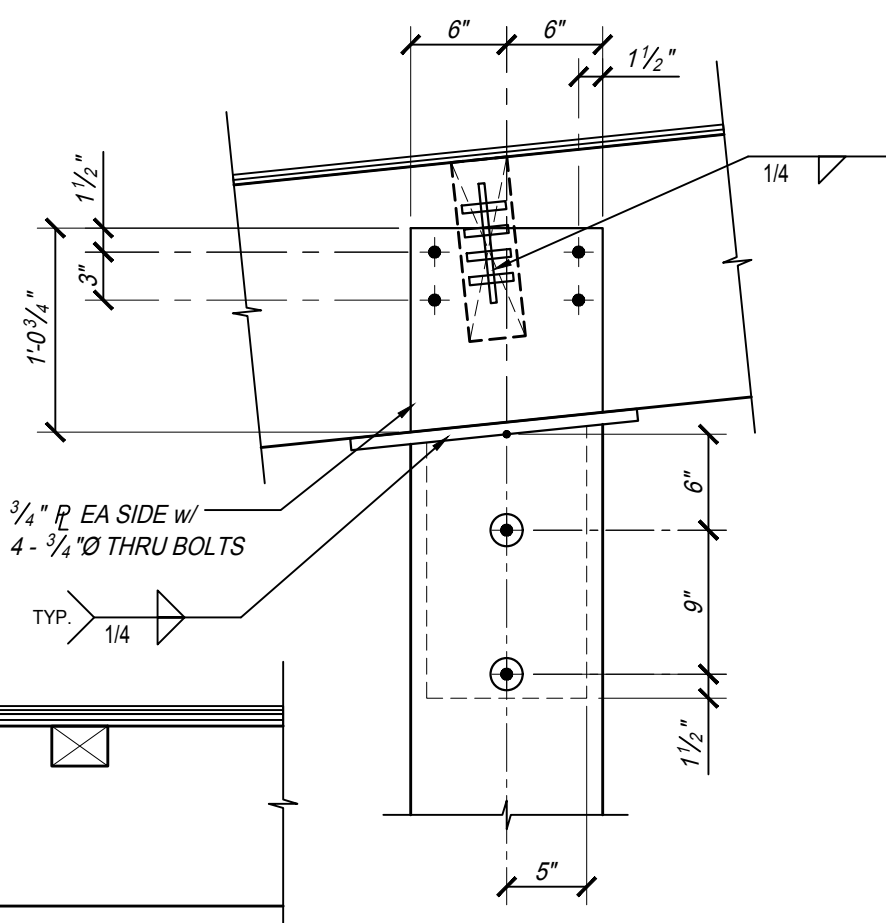
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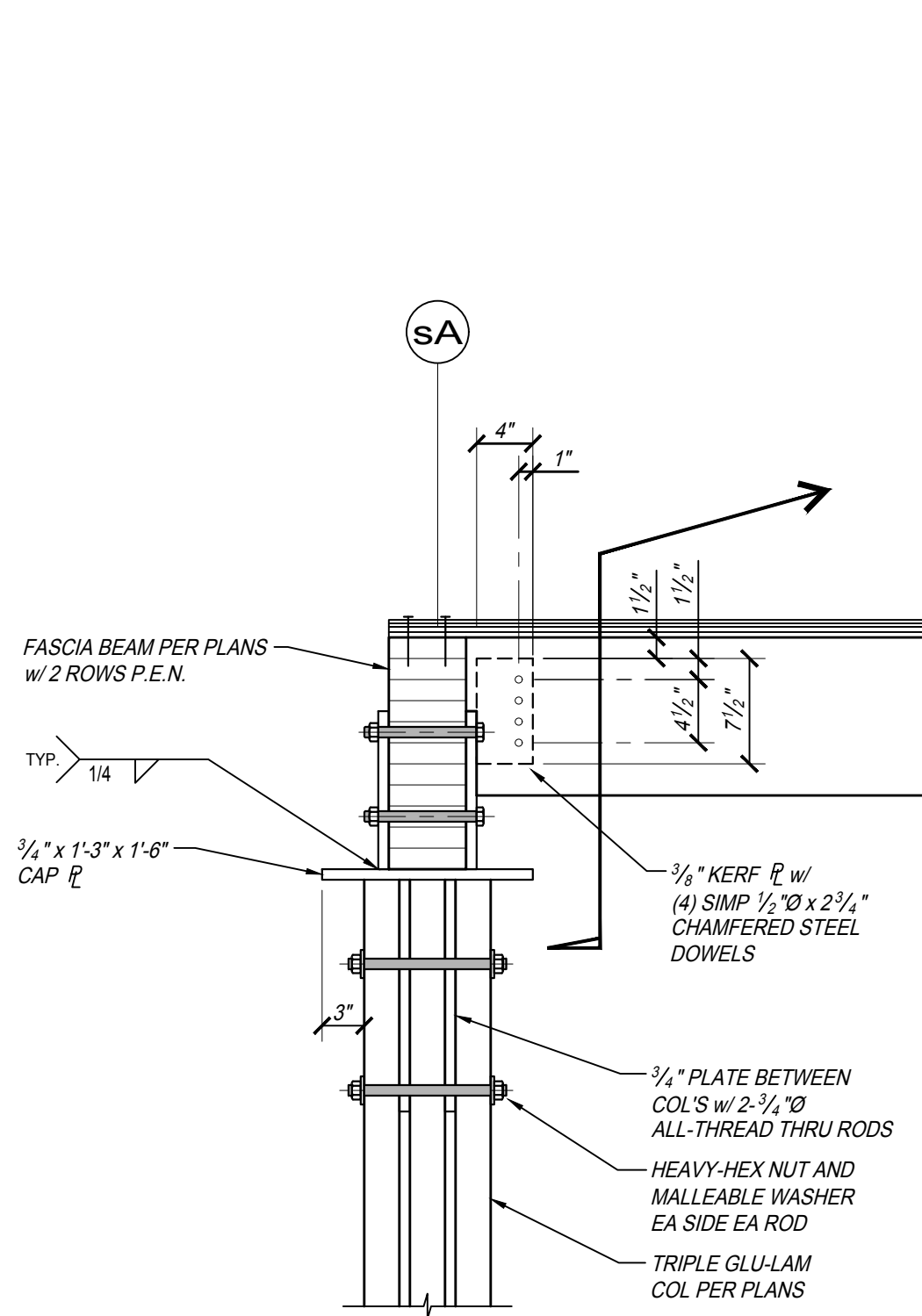
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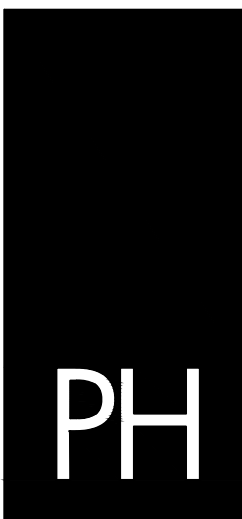
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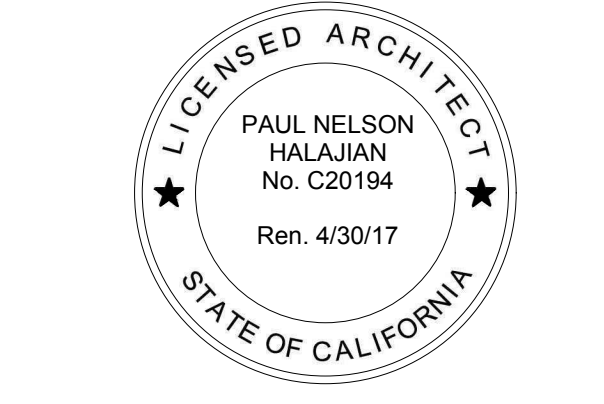
DETAIL 13
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DETAIL 14
SCALE: 1" = 1'-0"



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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:

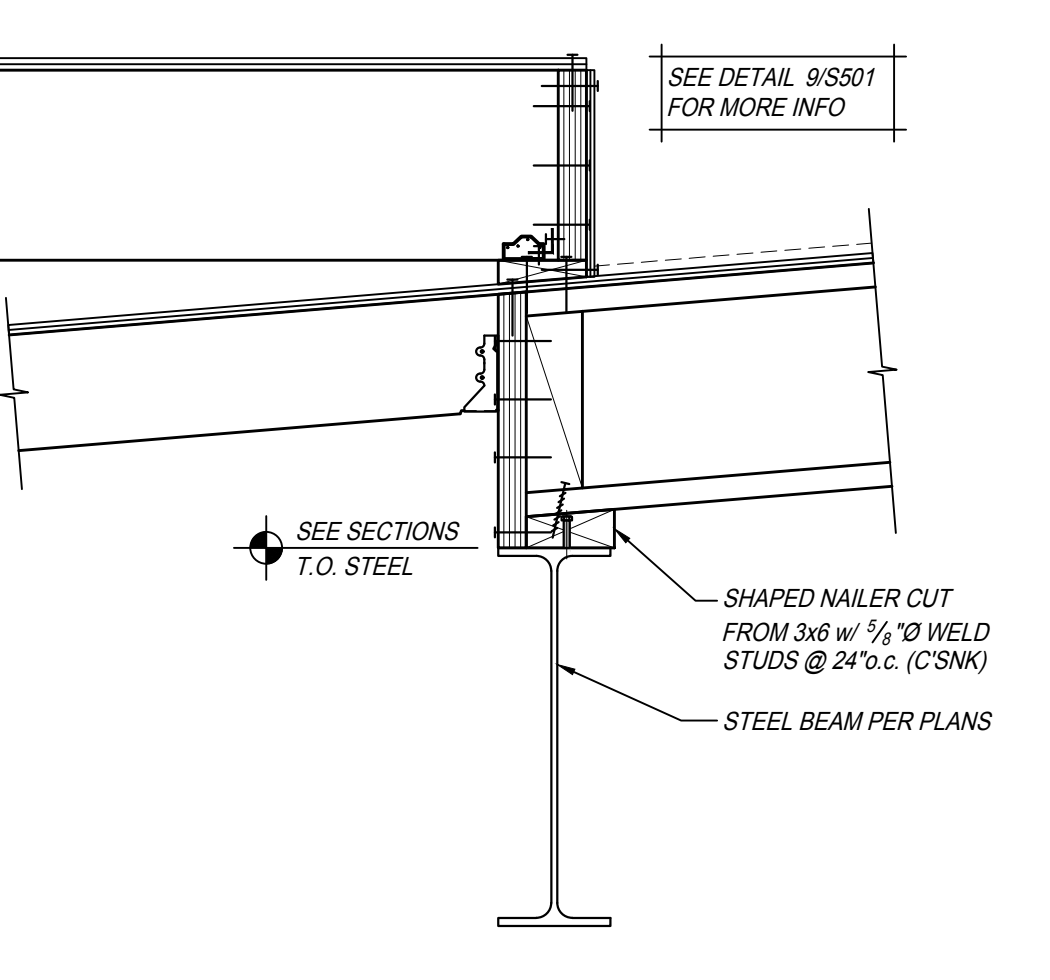
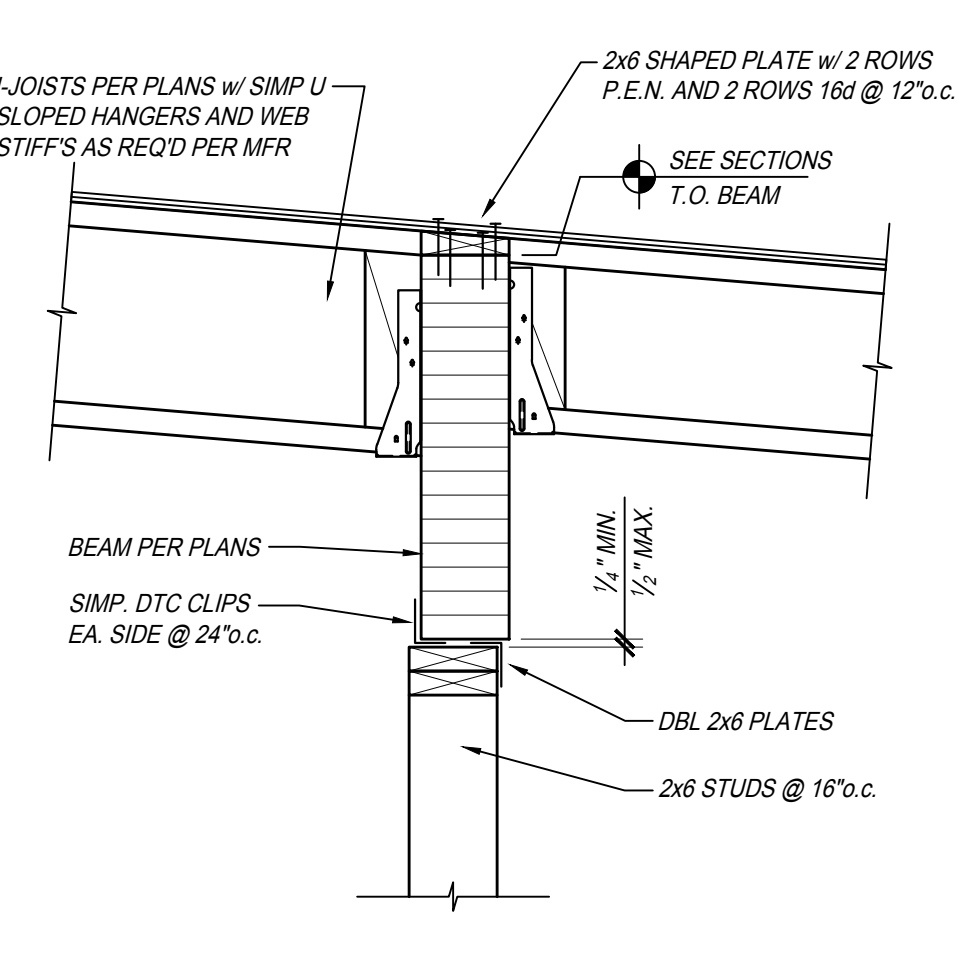
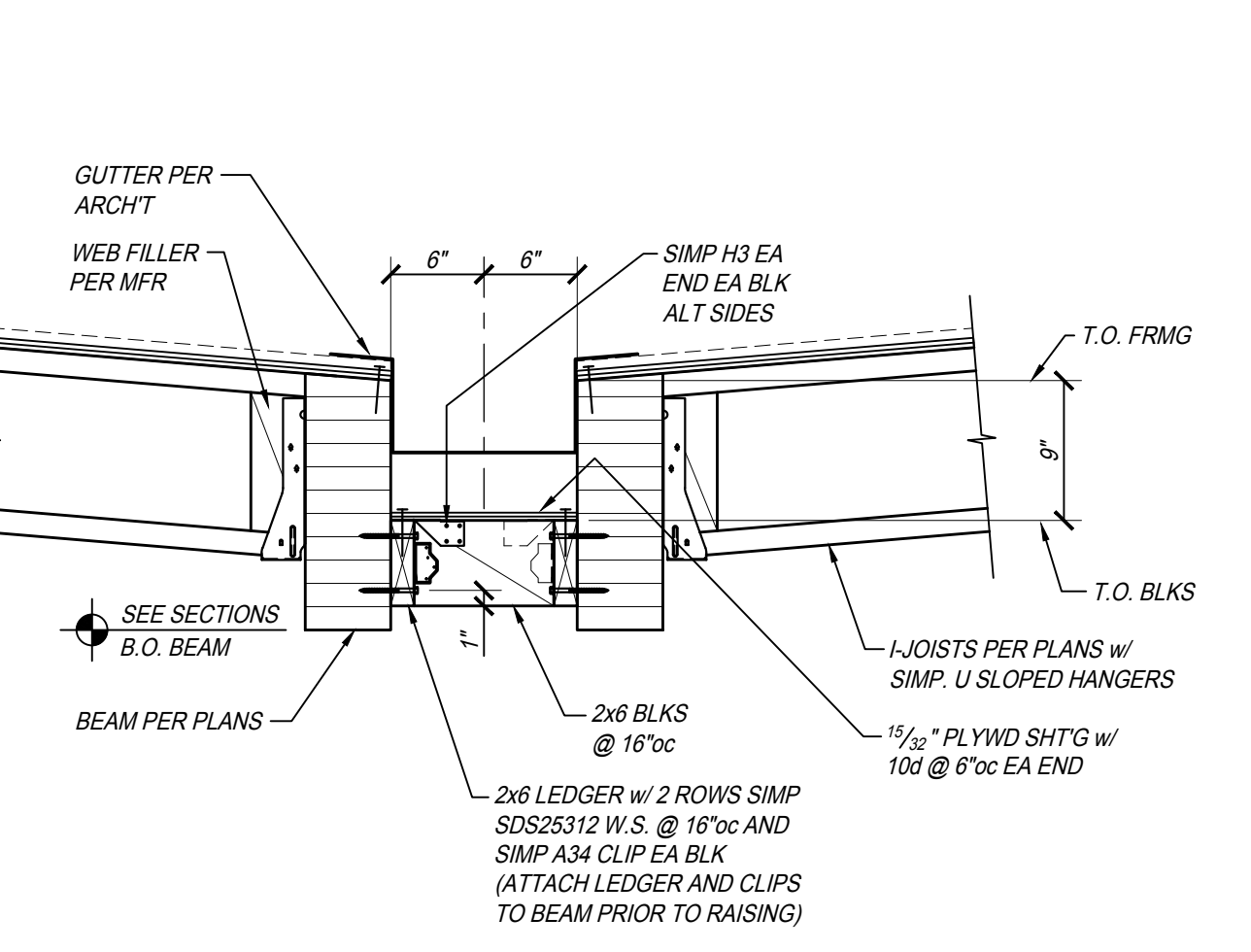
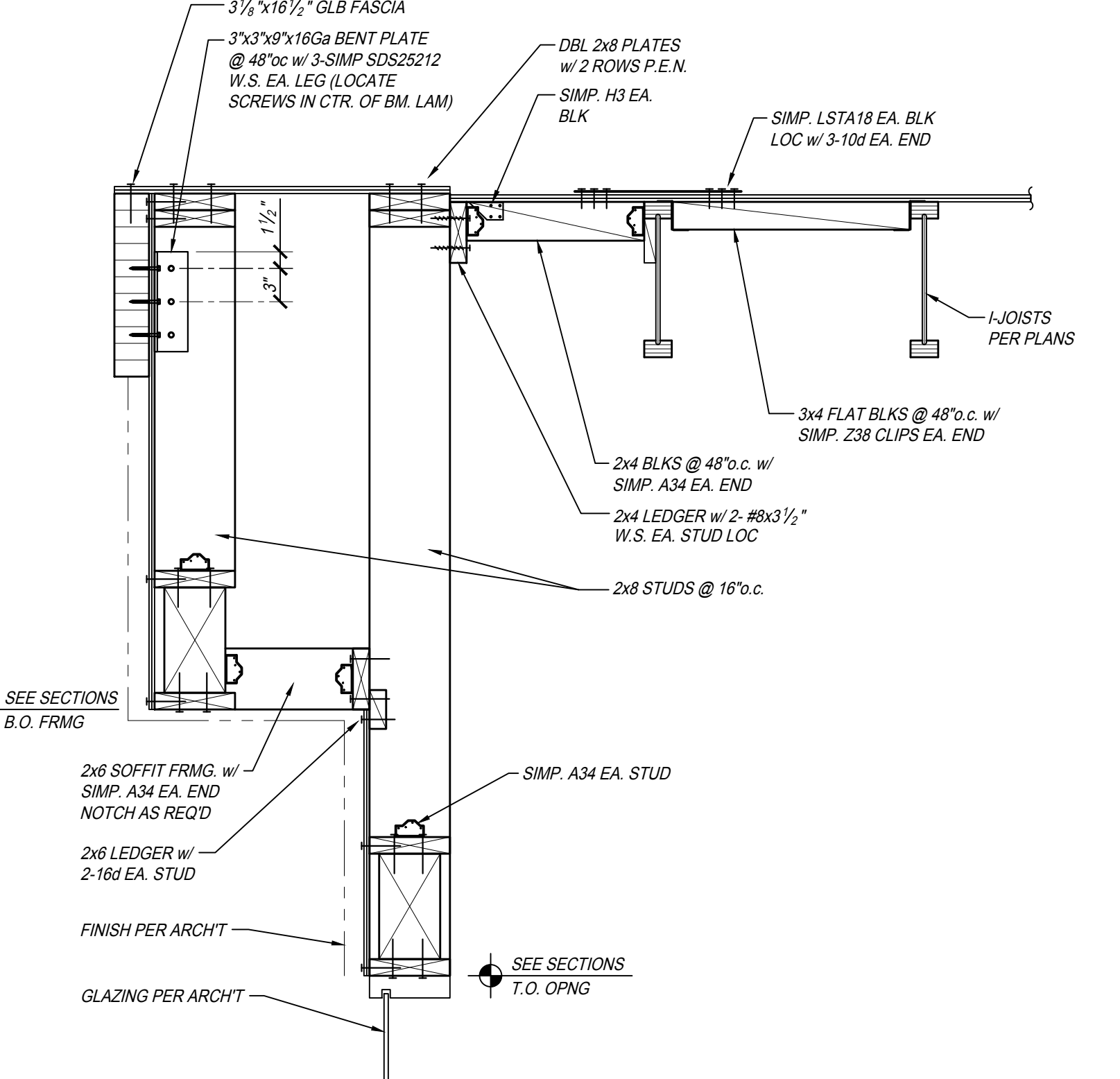
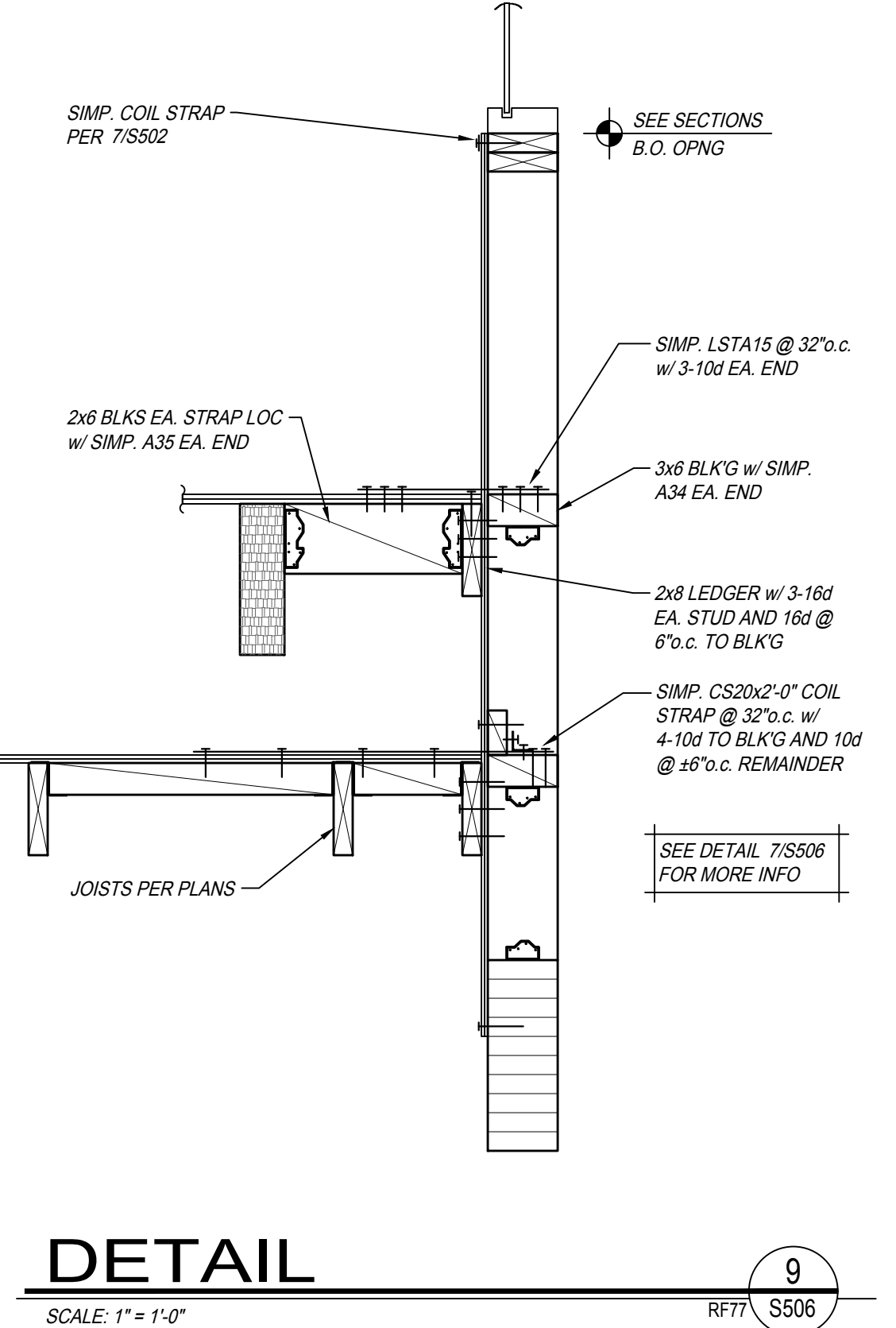
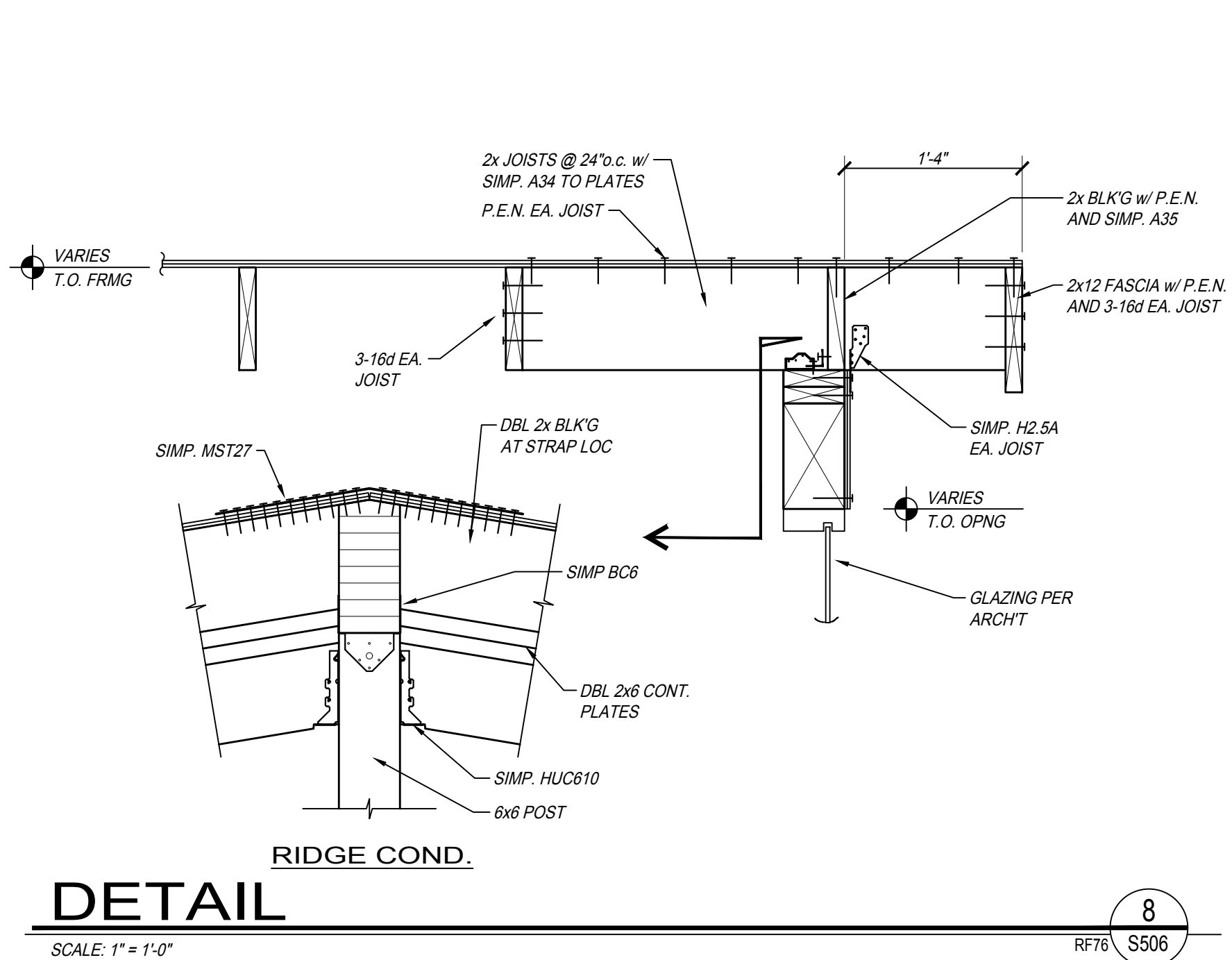
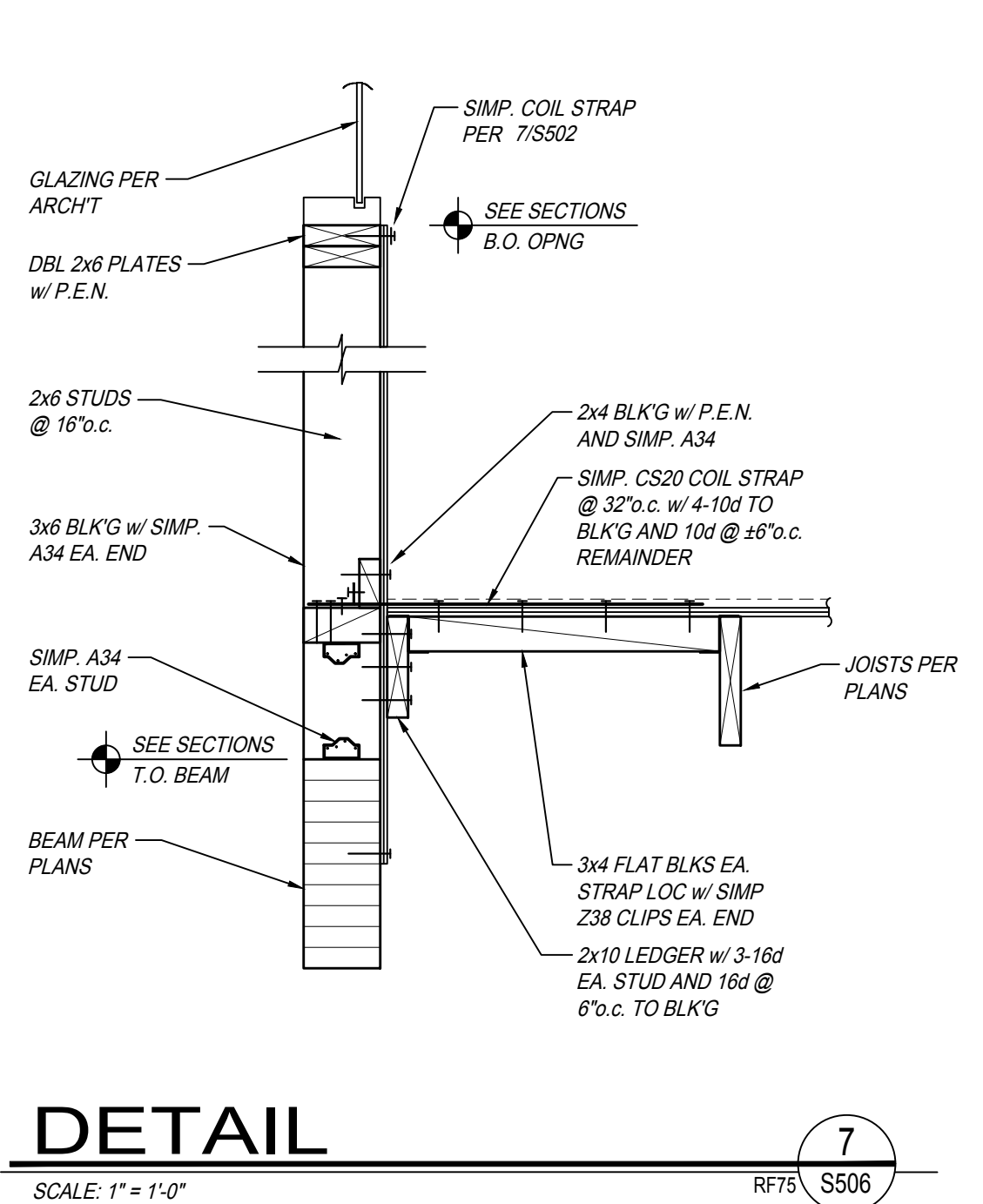
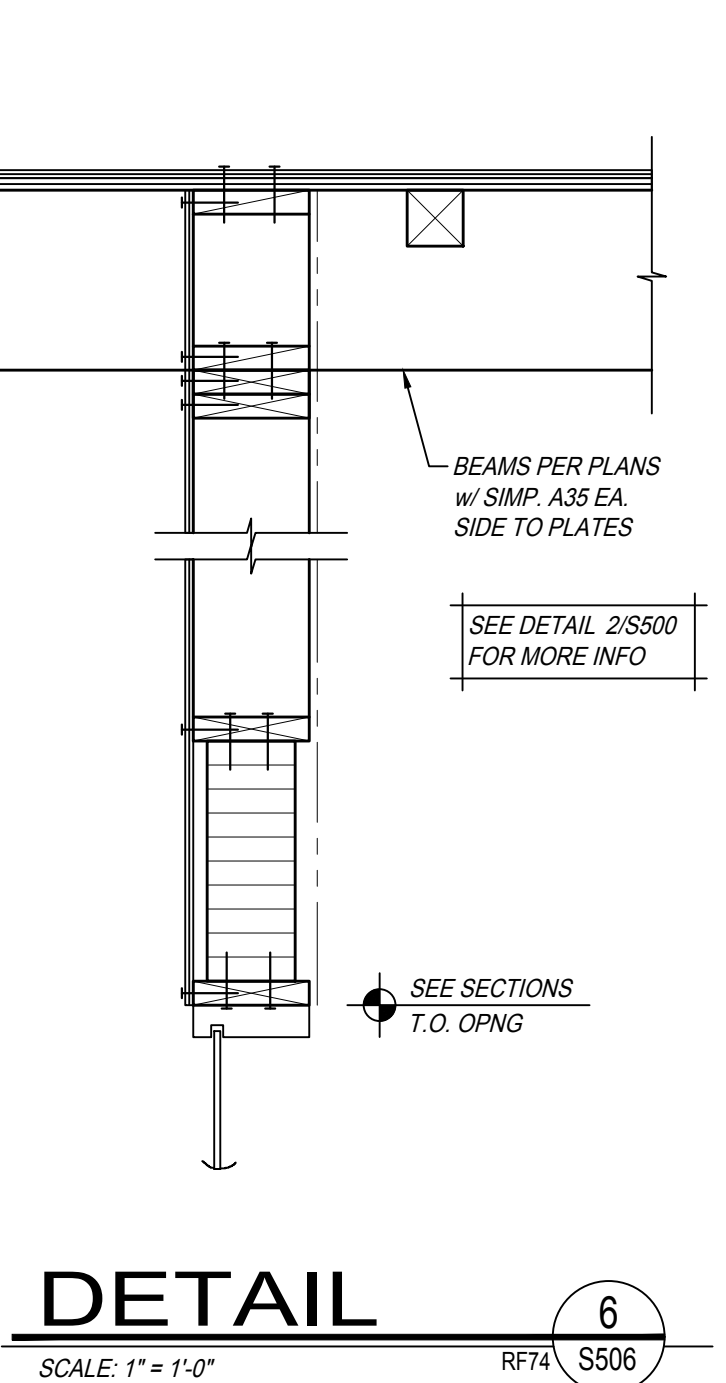
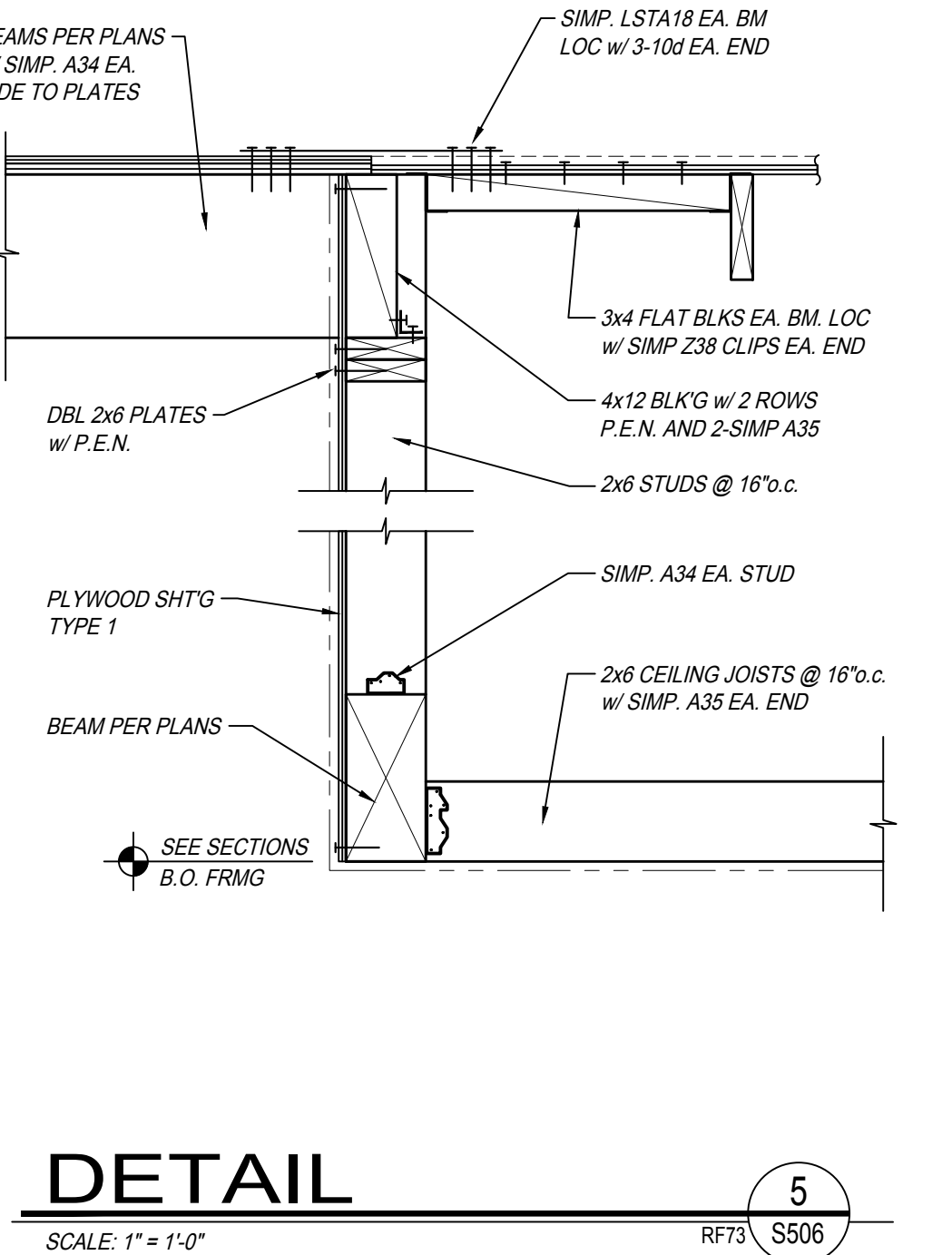
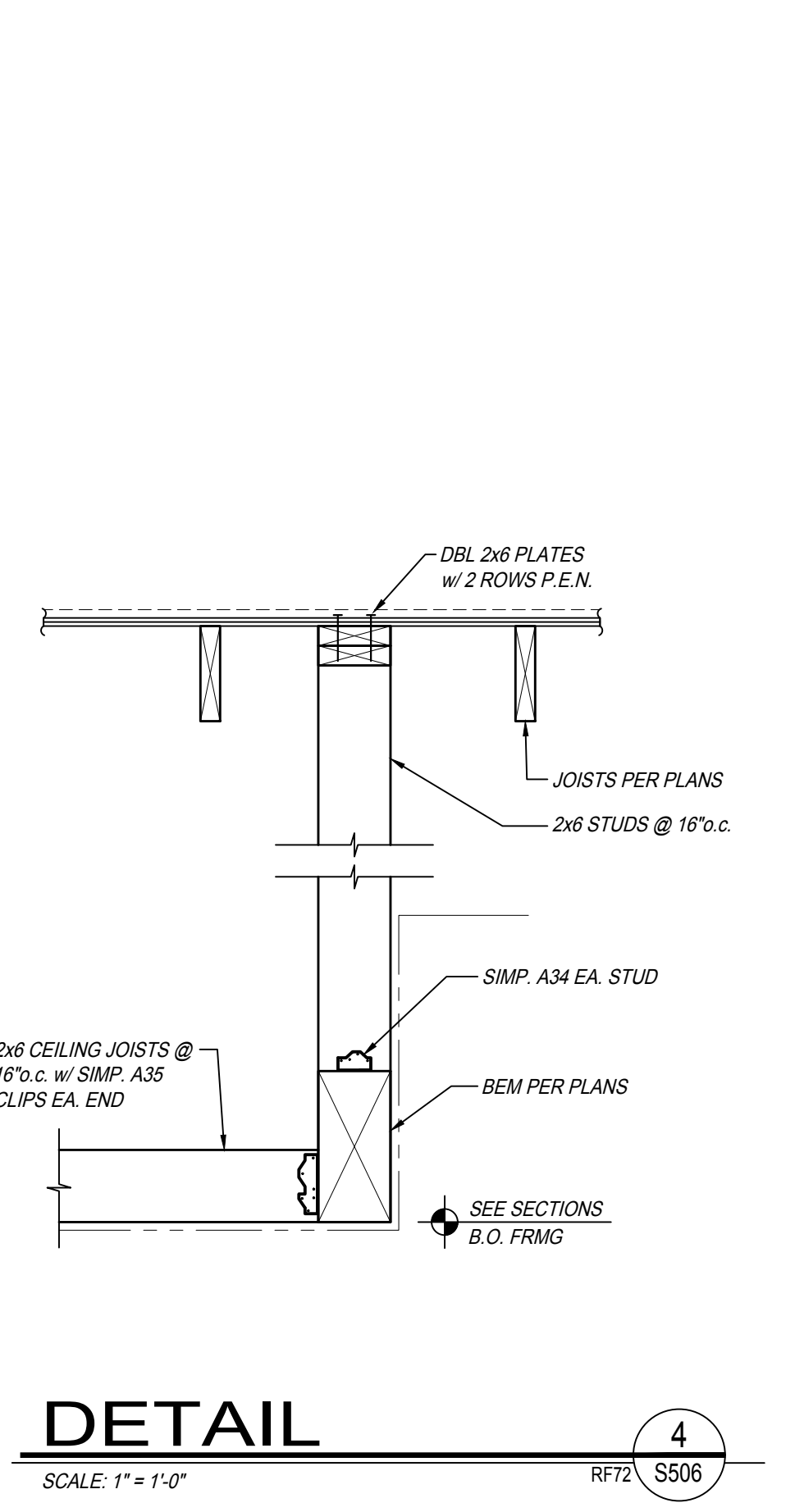
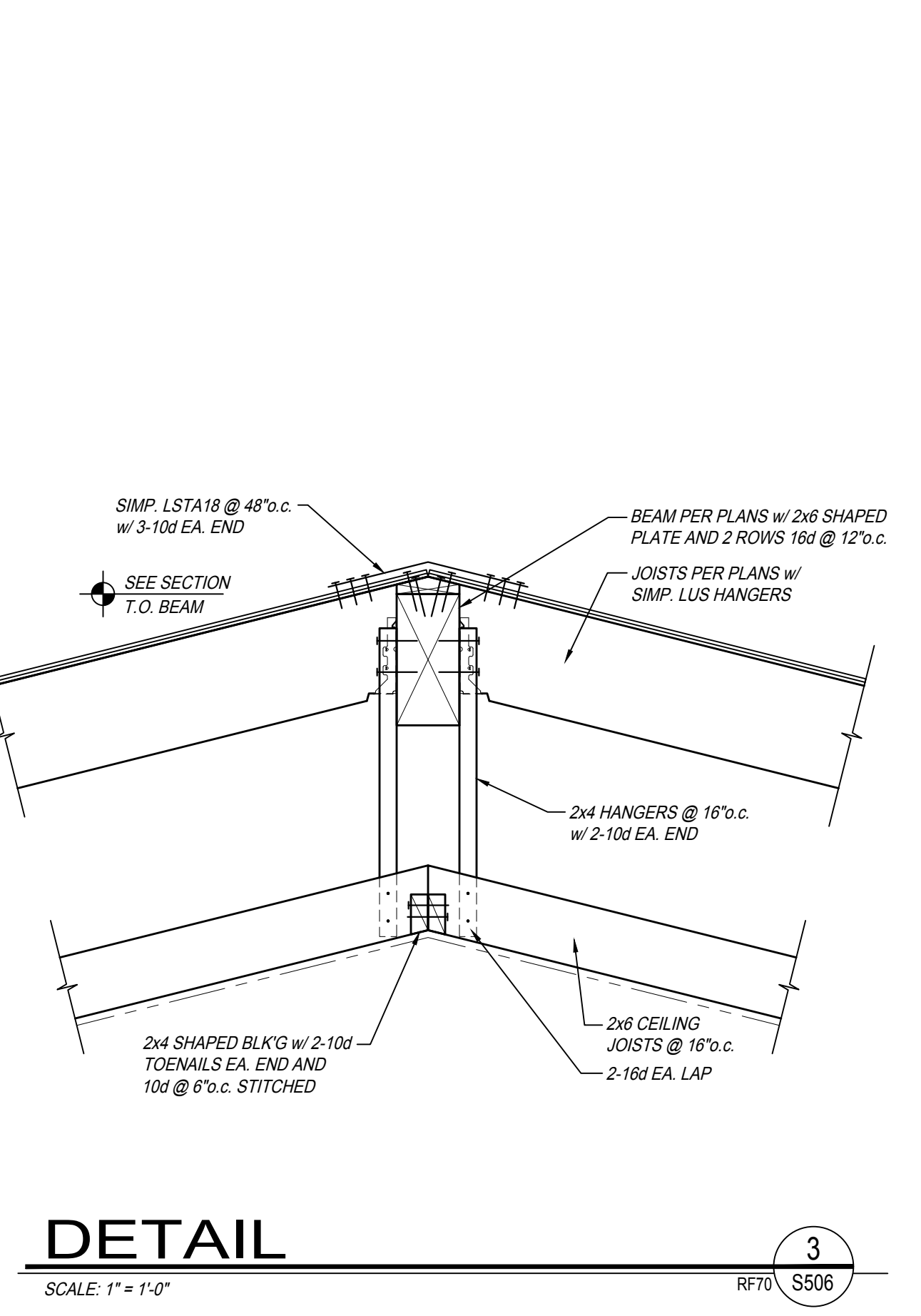
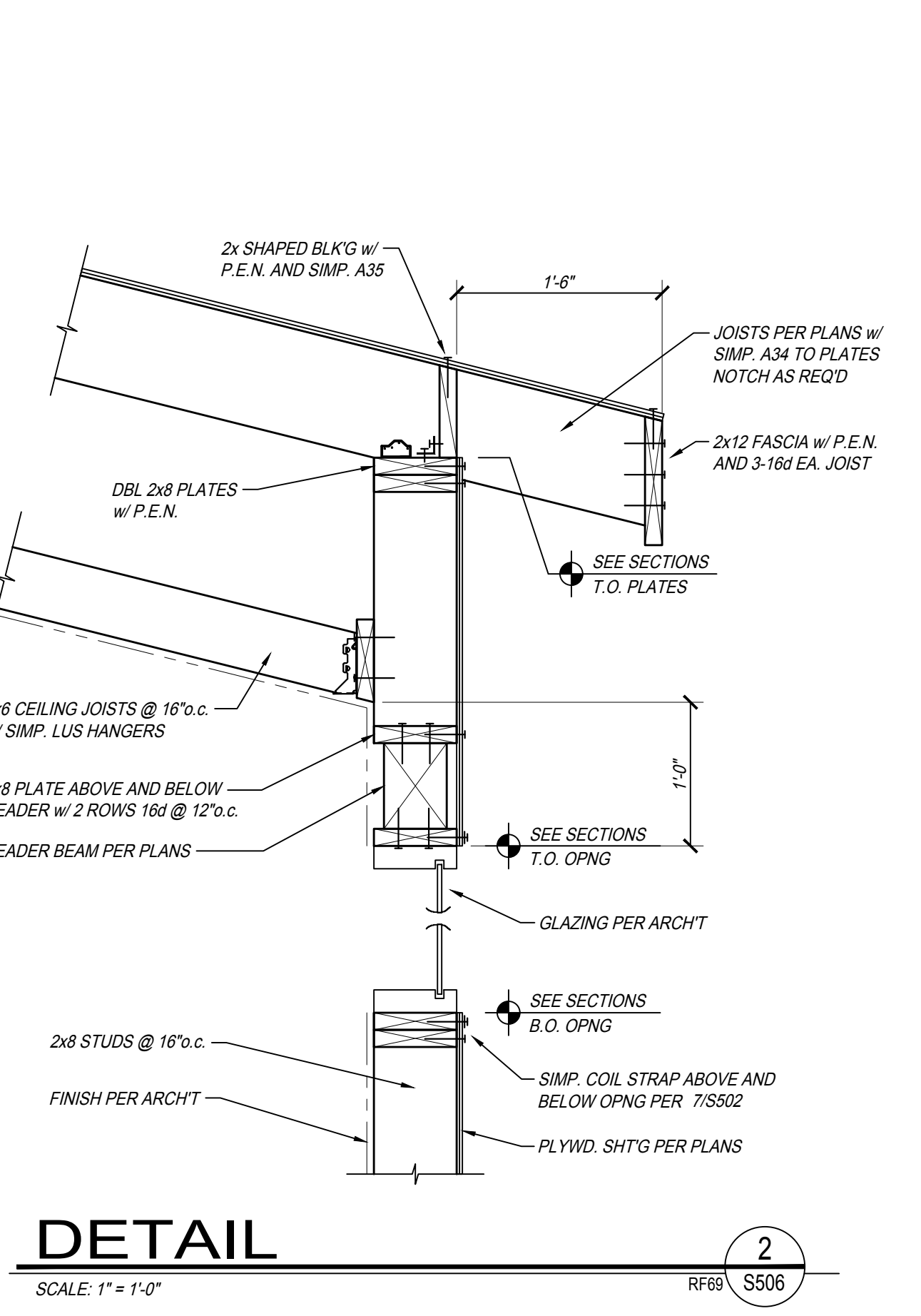
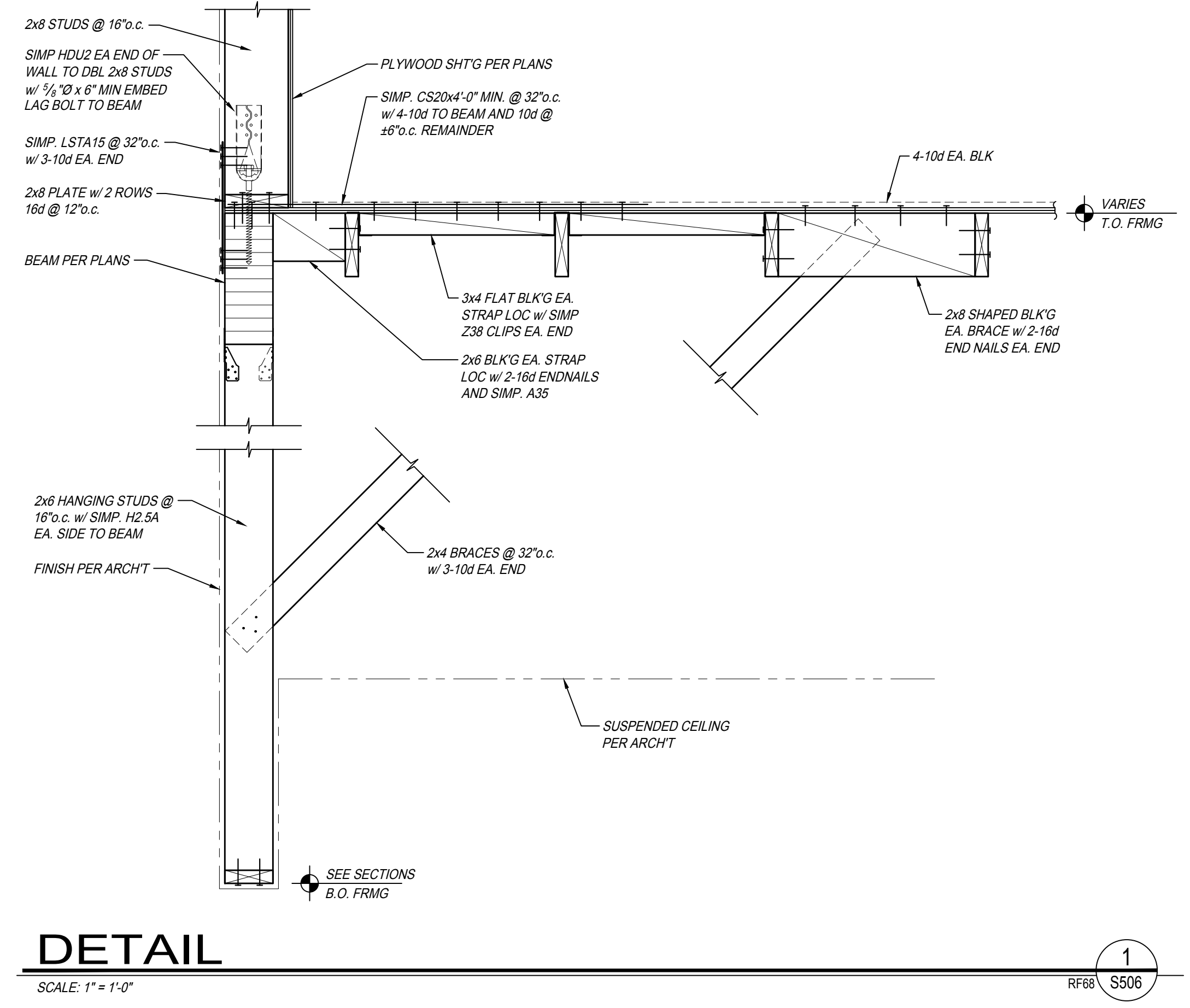
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8/12/2020	Plan Check Revisions
10/8/2020	Addendum 1

PROJECT NUMBER:
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SHEET NUMBER:
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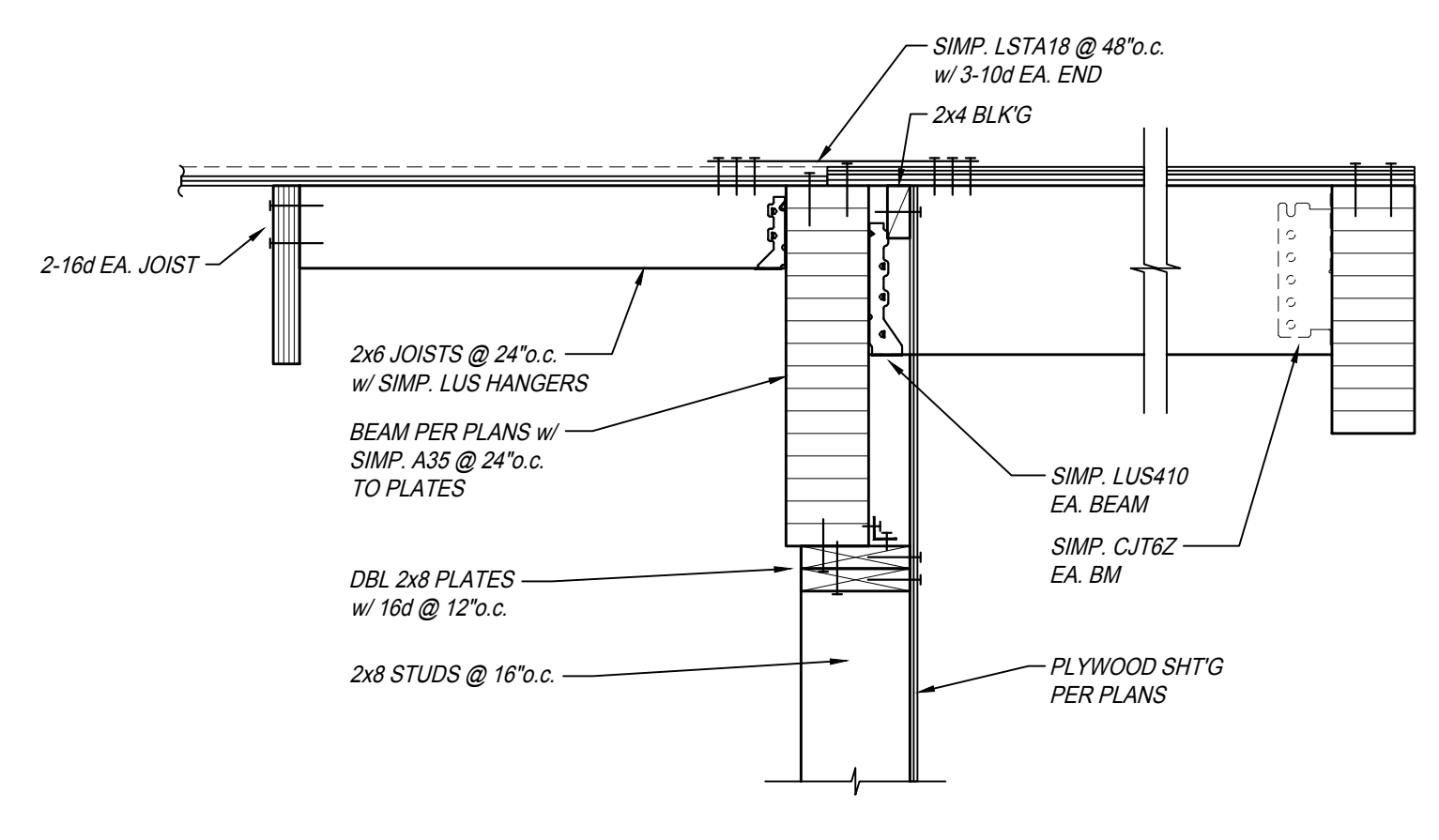
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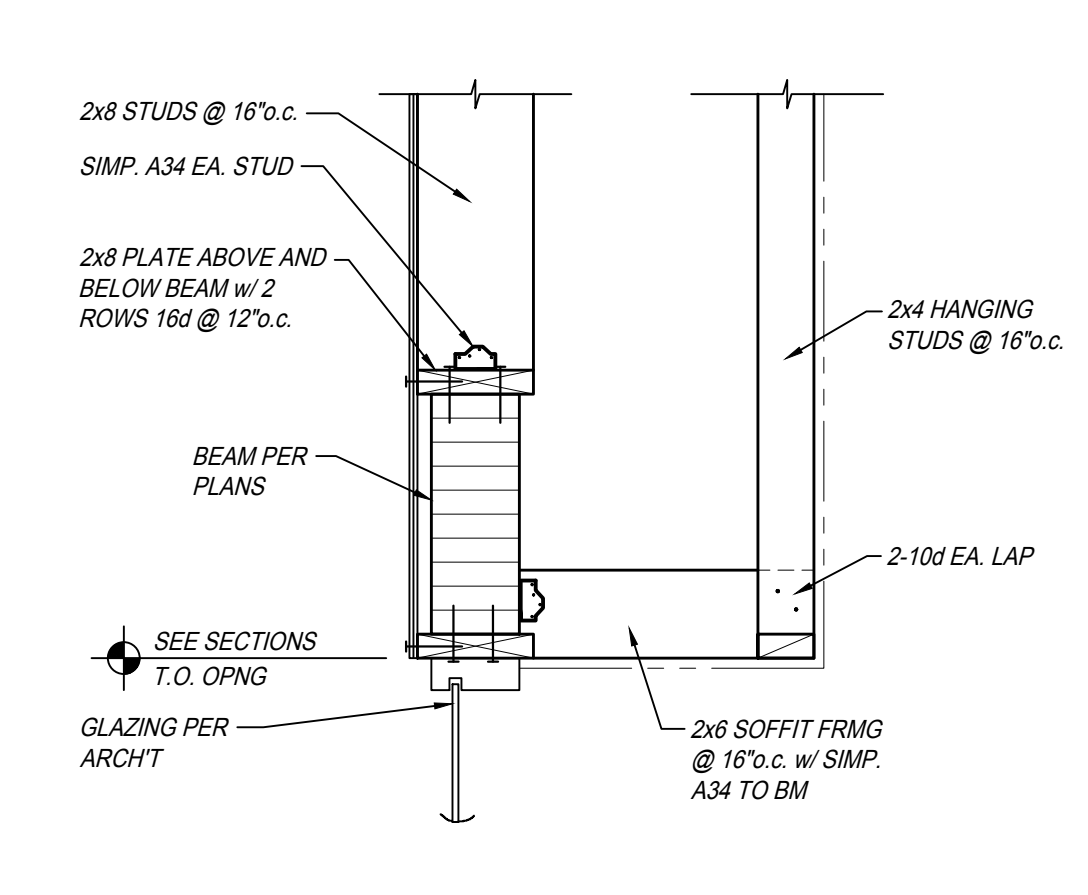
ADDENDUM 01



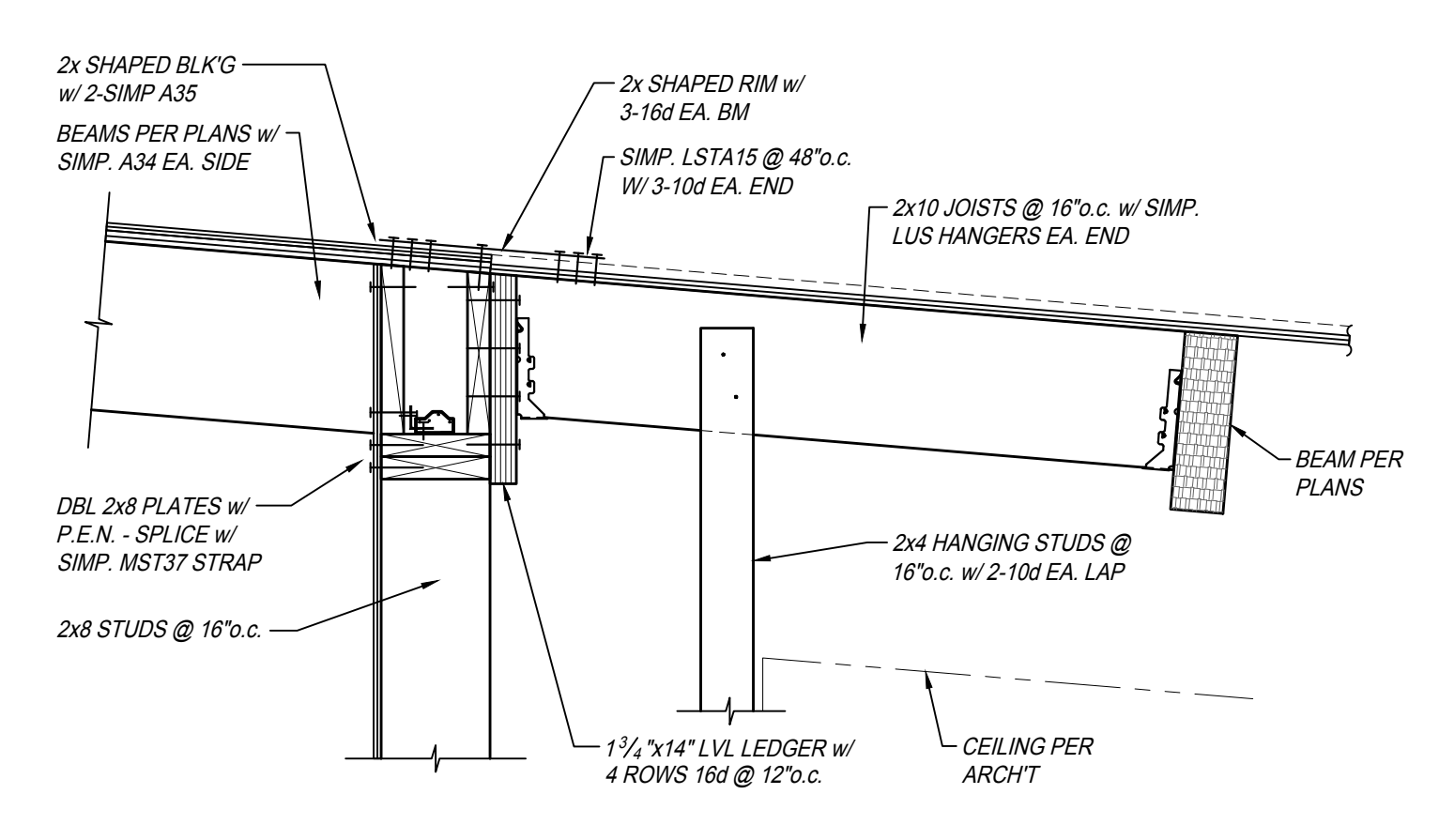
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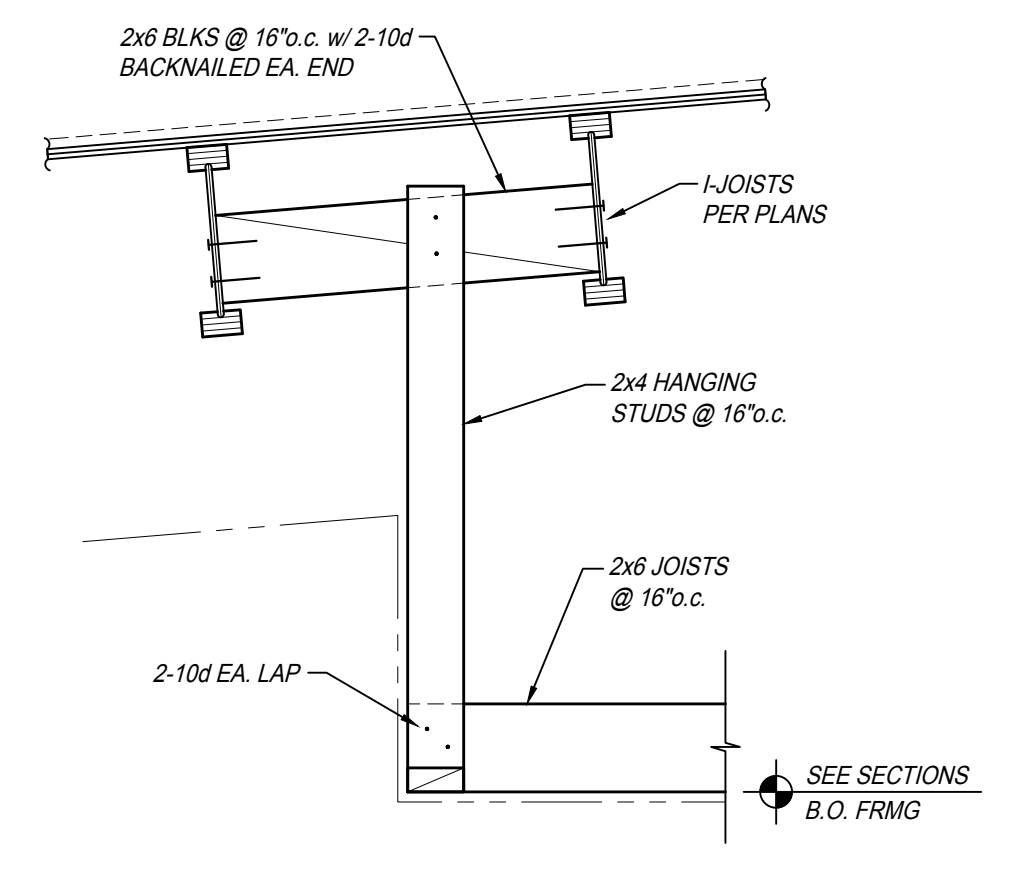
DETAIL 4
SCALE: 1" = 1'-0"
RF97 S508



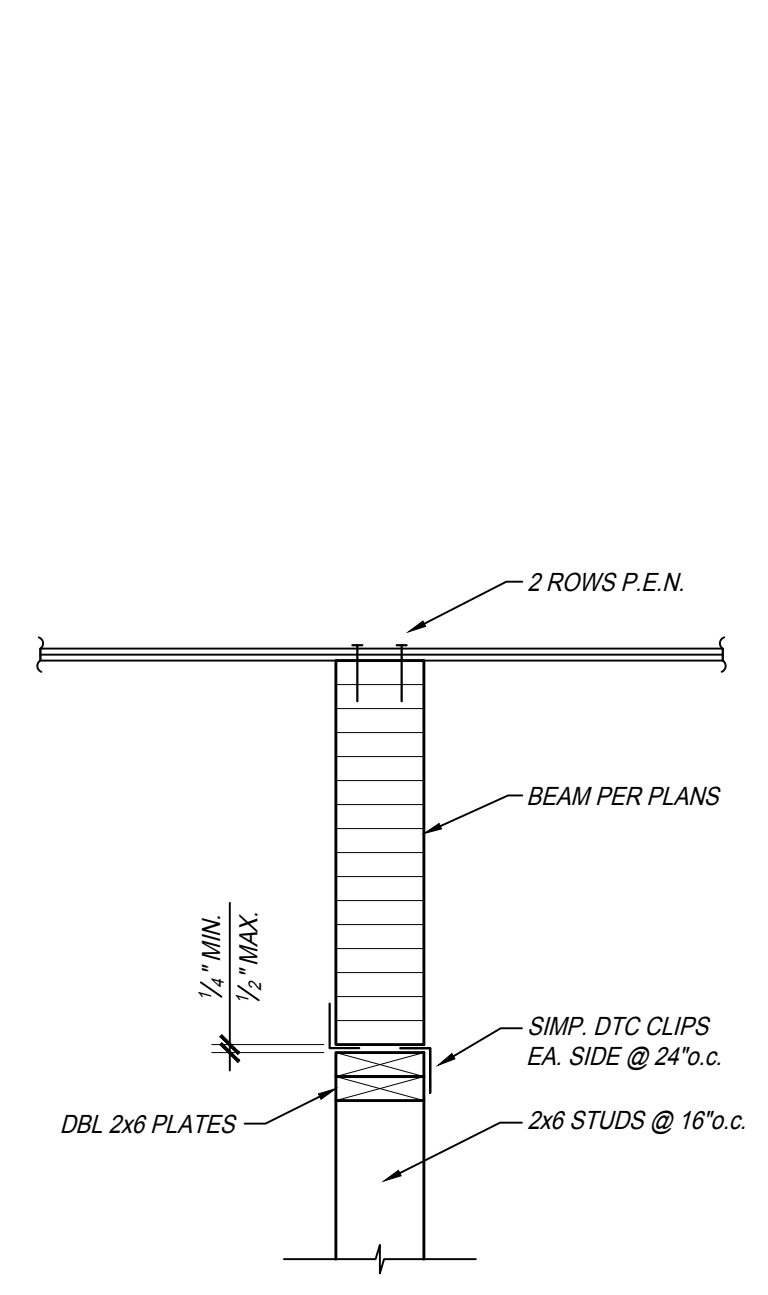
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RF96 S508



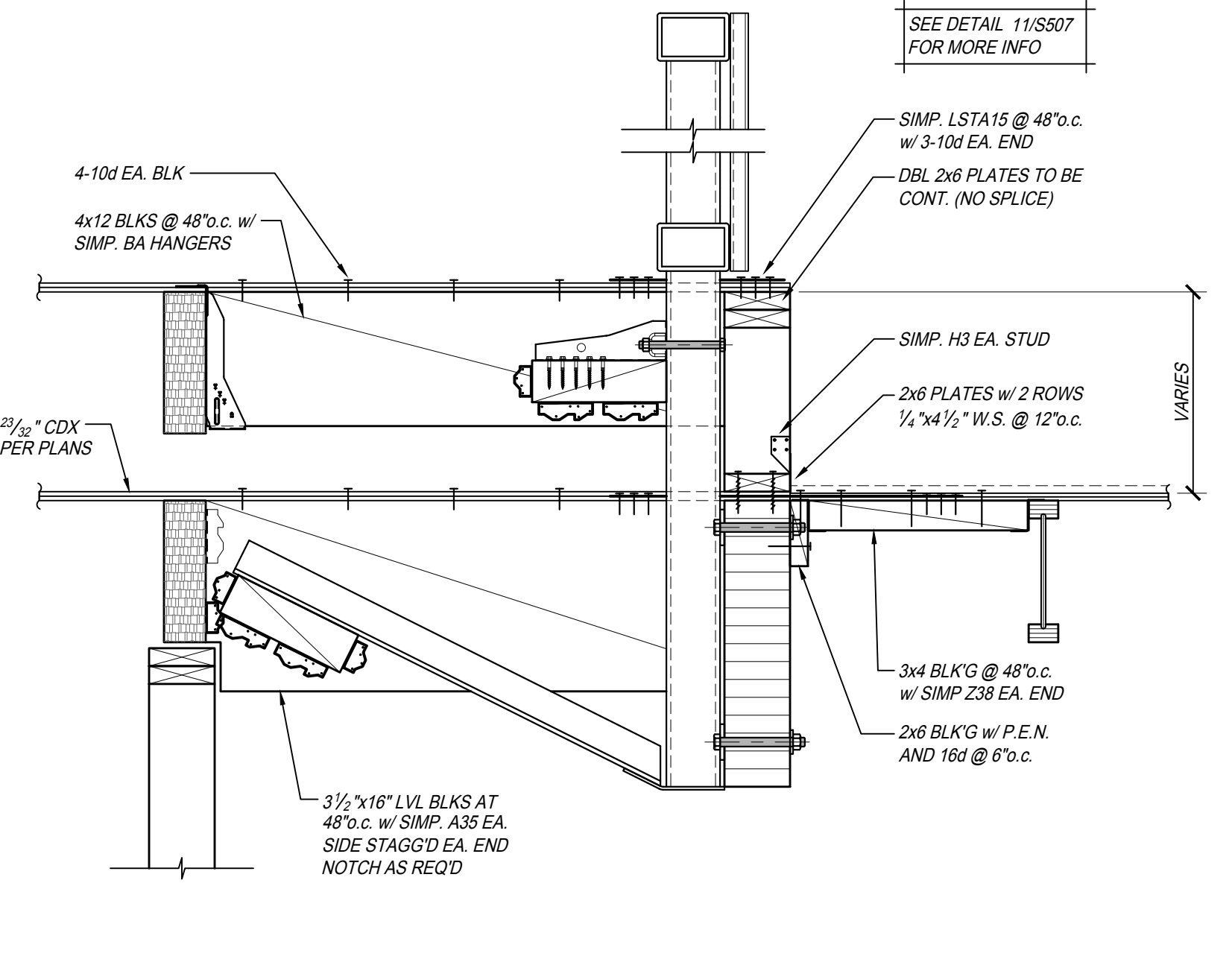
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RF95 S508



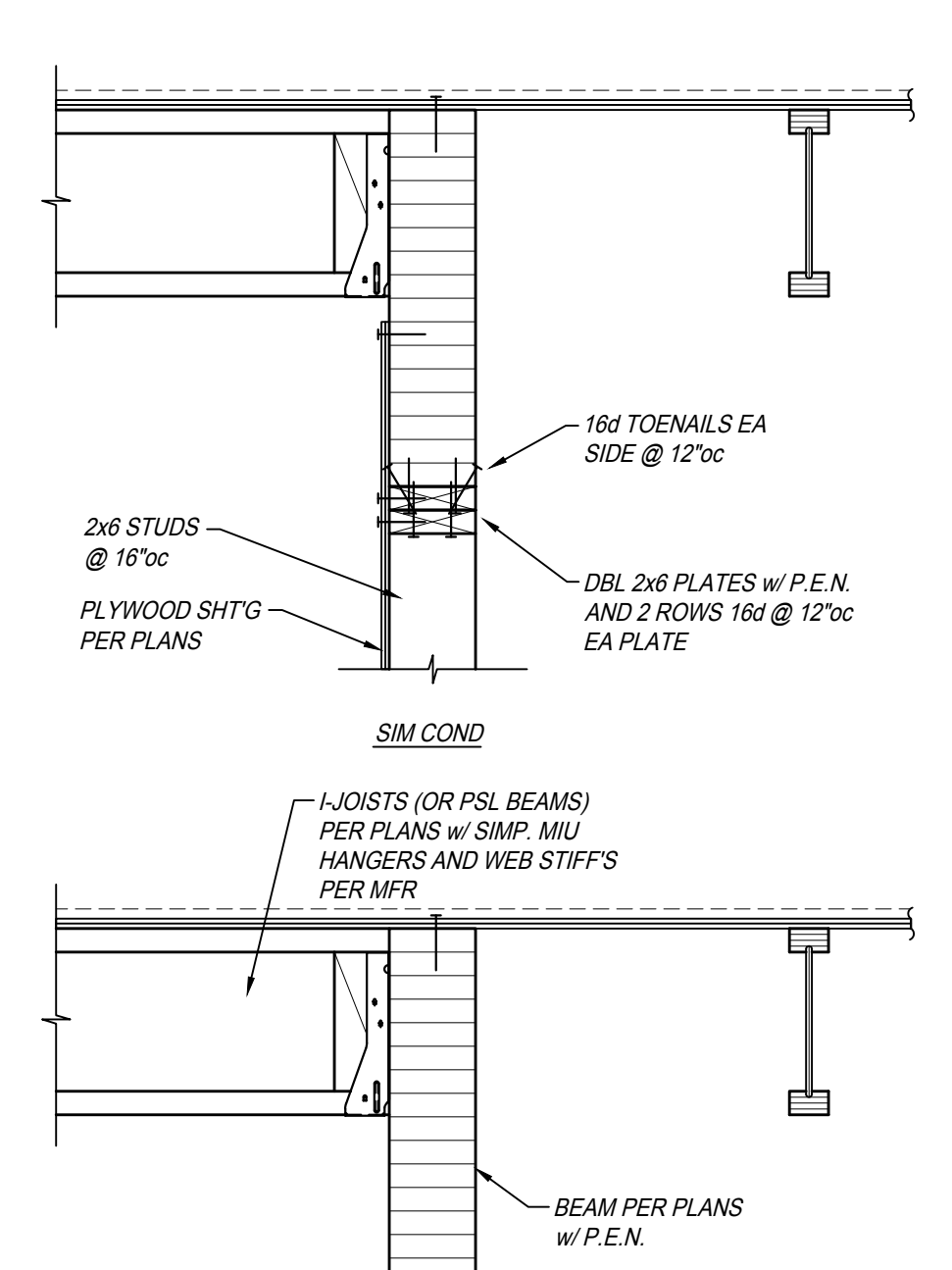
DETAIL 1
SCALE: 1" = 1'-0"
RF94 S508



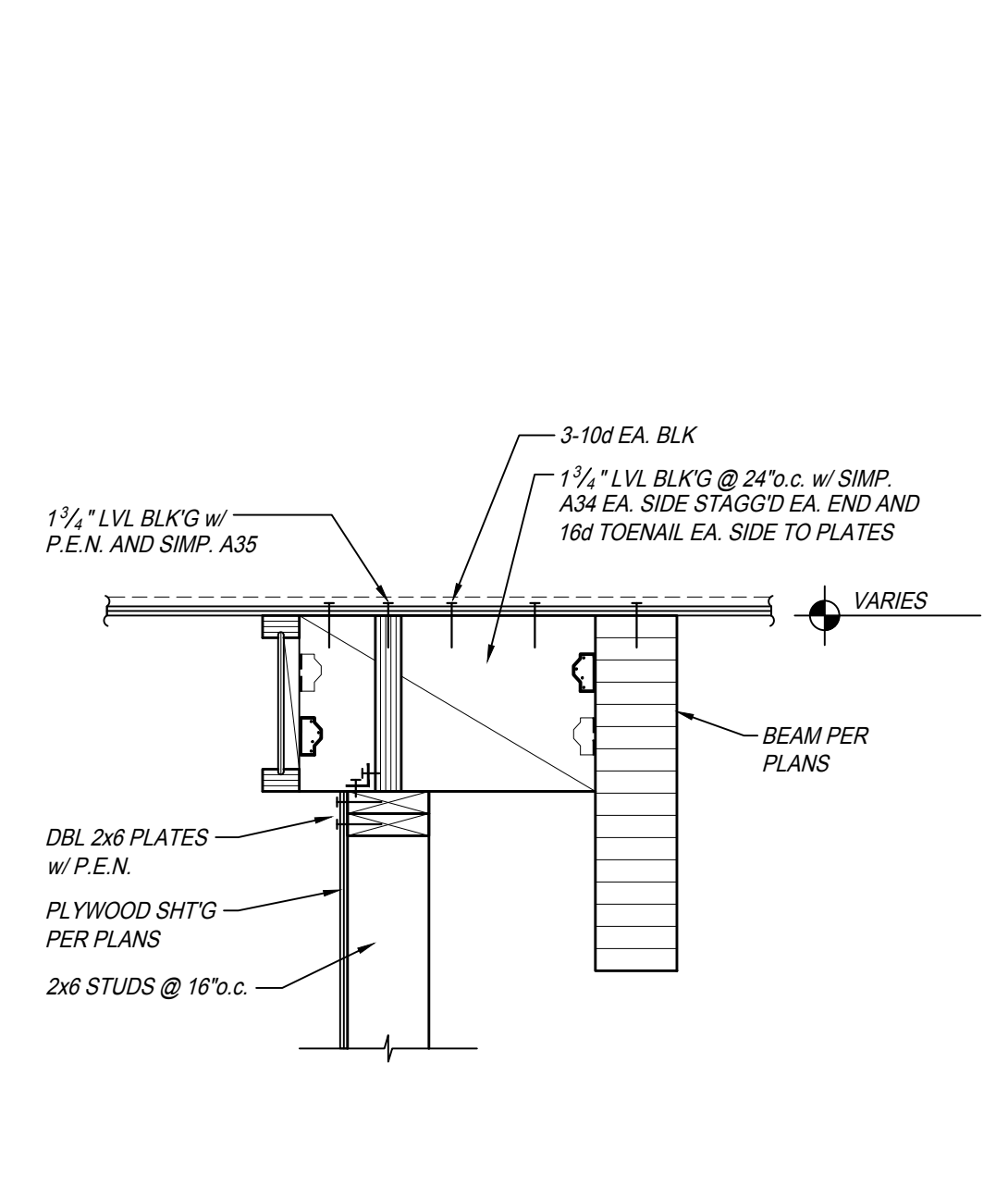
DETAIL 8
SCALE: 1" = 1'-0"
RF101 S508



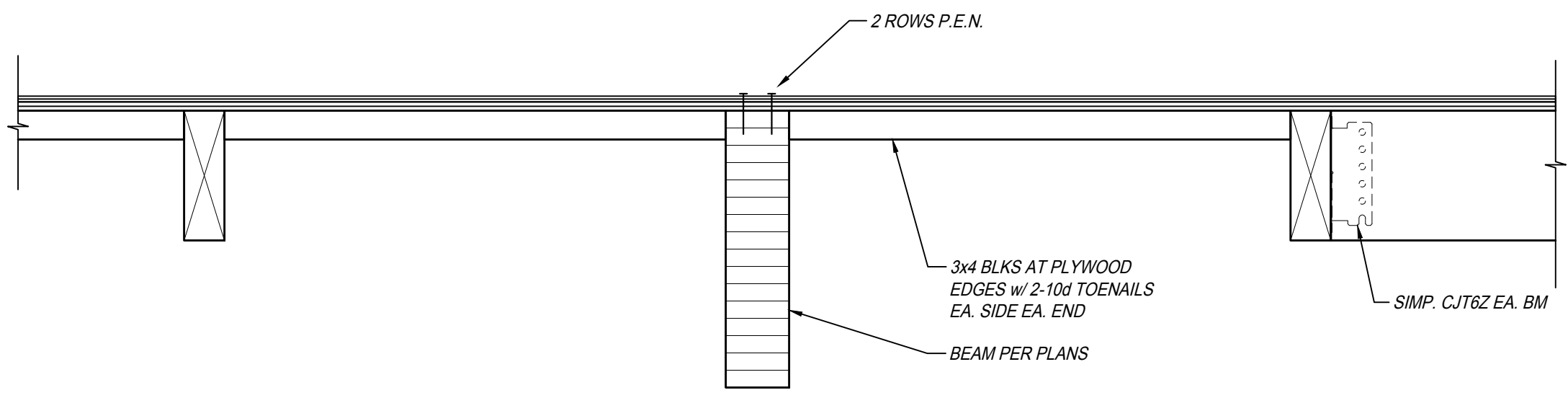
DETAIL 7
SCALE: 1" = 1'-0"
RF100 S508



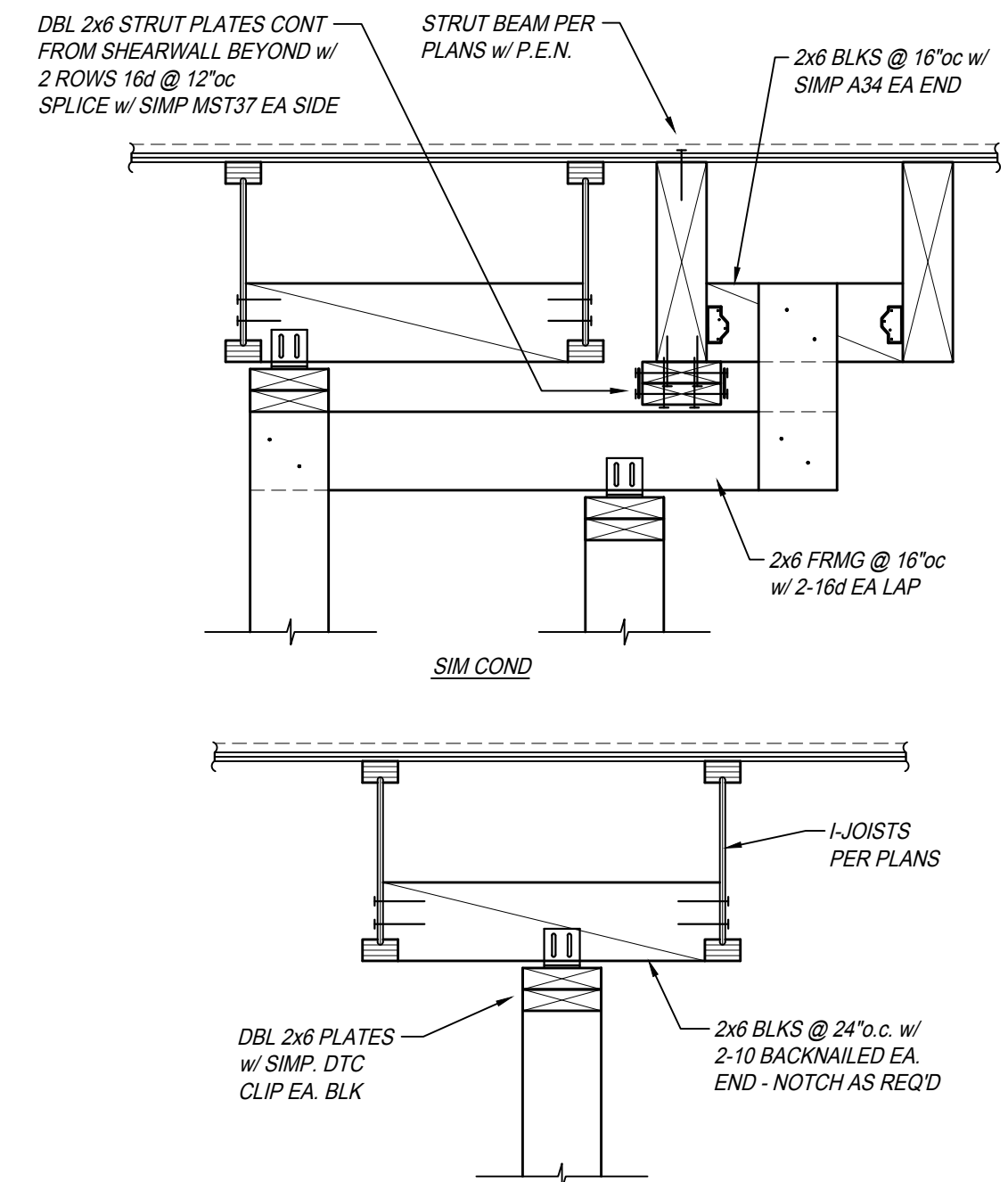
DETAIL 6
SCALE: 1" = 1'-0"
RF99 S508



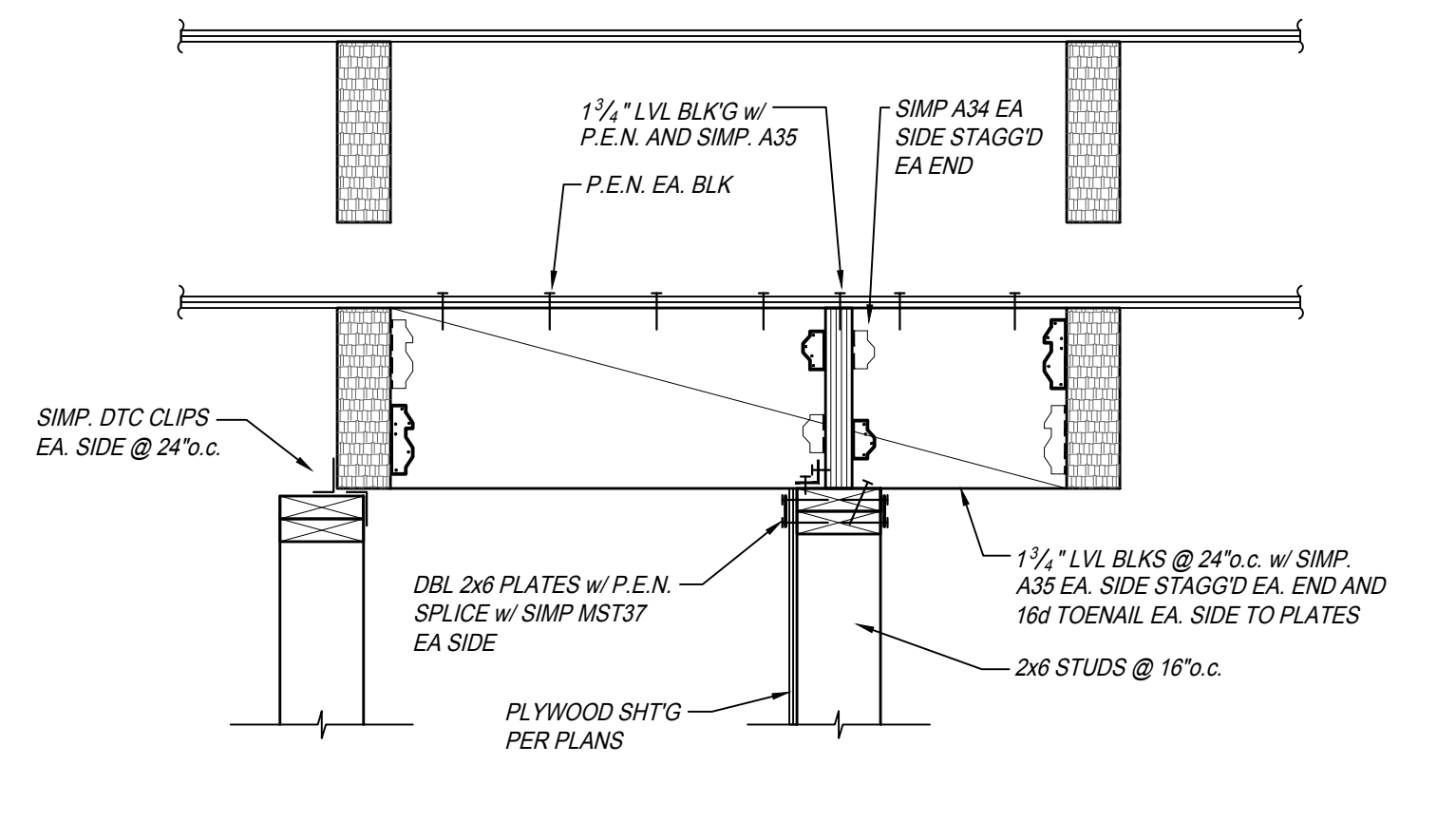
DETAIL 5
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RF98 S508



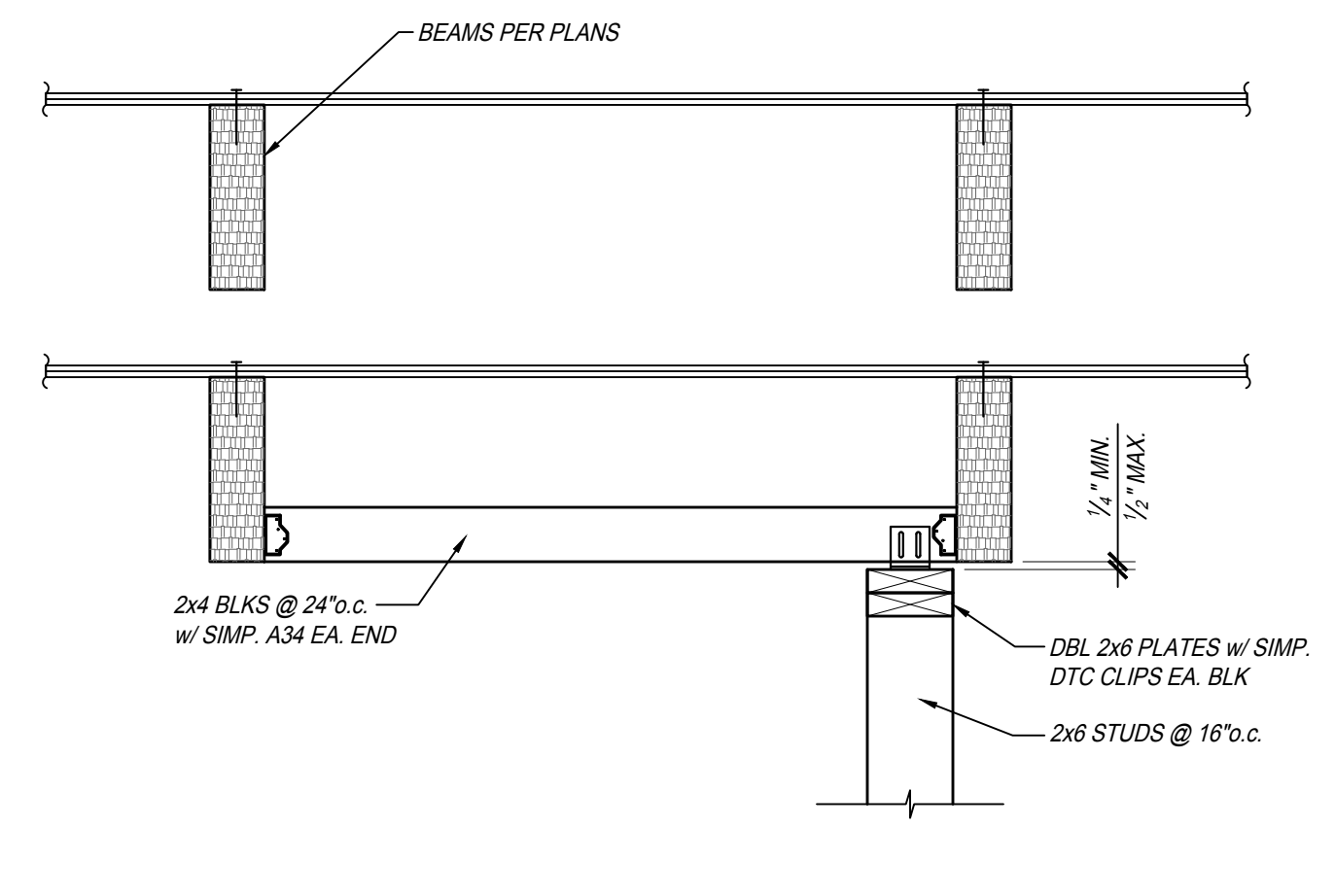
DETAIL 12
SCALE: 1" = 1'-0"
RF105 S508



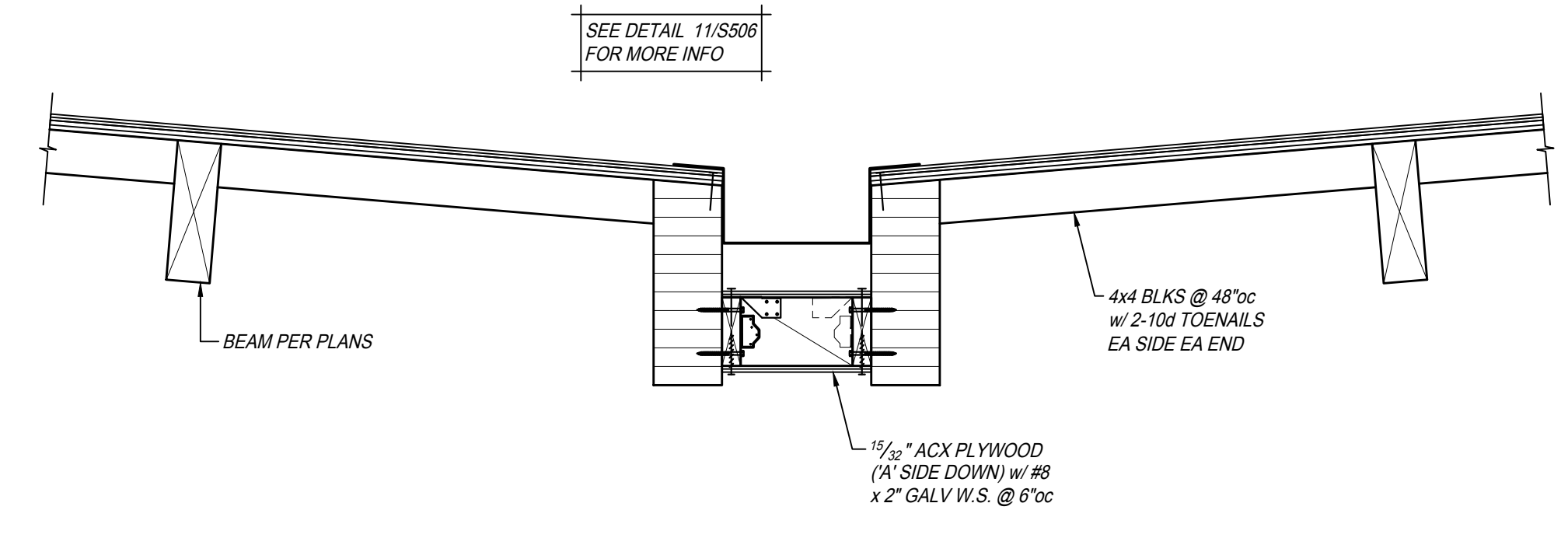
DETAIL 11
SCALE: 1" = 1'-0"
RF104 S508



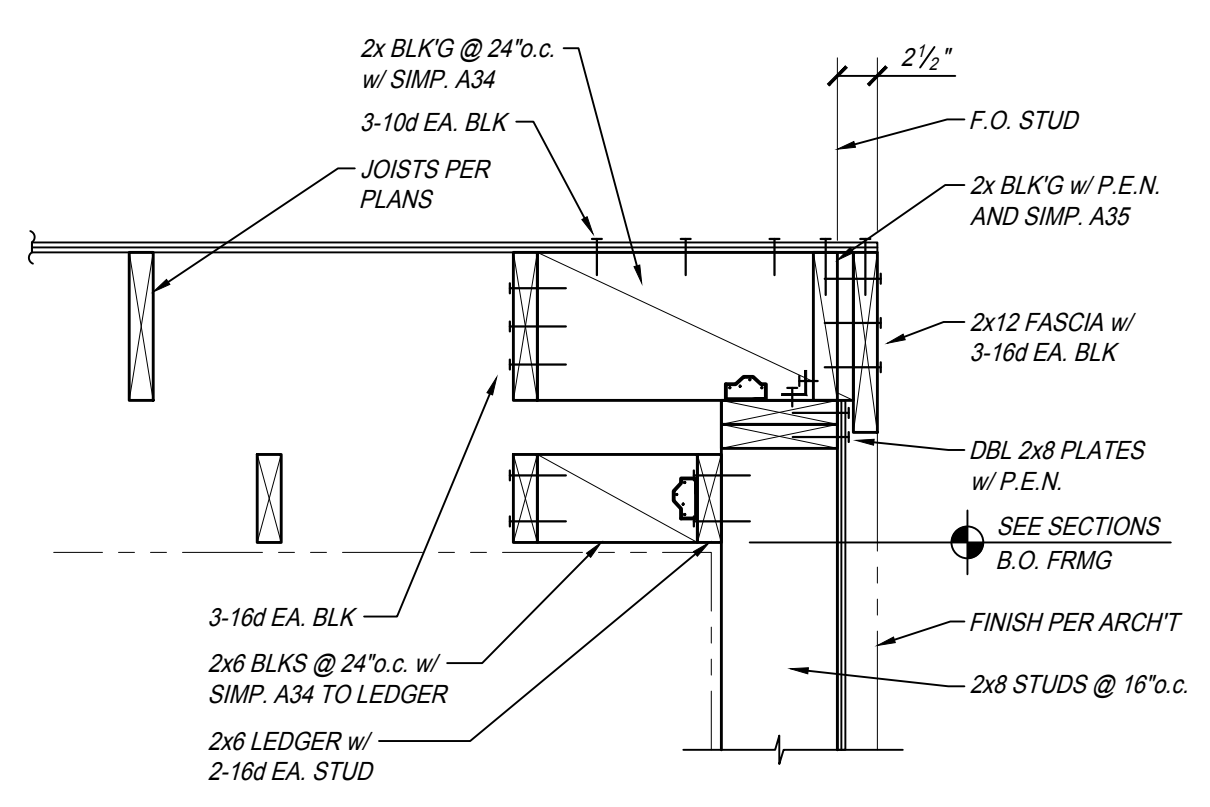
DETAIL 10
SCALE: 1" = 1'-0"
RF103 S508



DETAIL 9
SCALE: 1" = 1'-0"
RF102 S508



DETAIL 14
SCALE: 1" = 1'-0"
RF108 S508

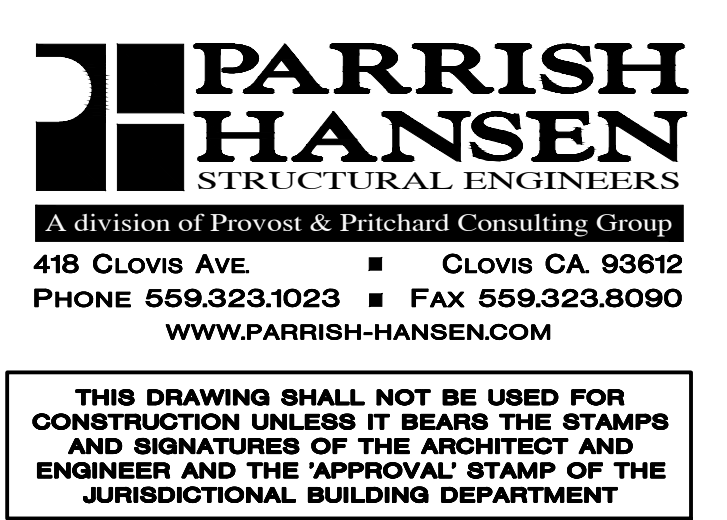


DETAIL 13
SCALE: 1" = 1'-0"
RF106 S508

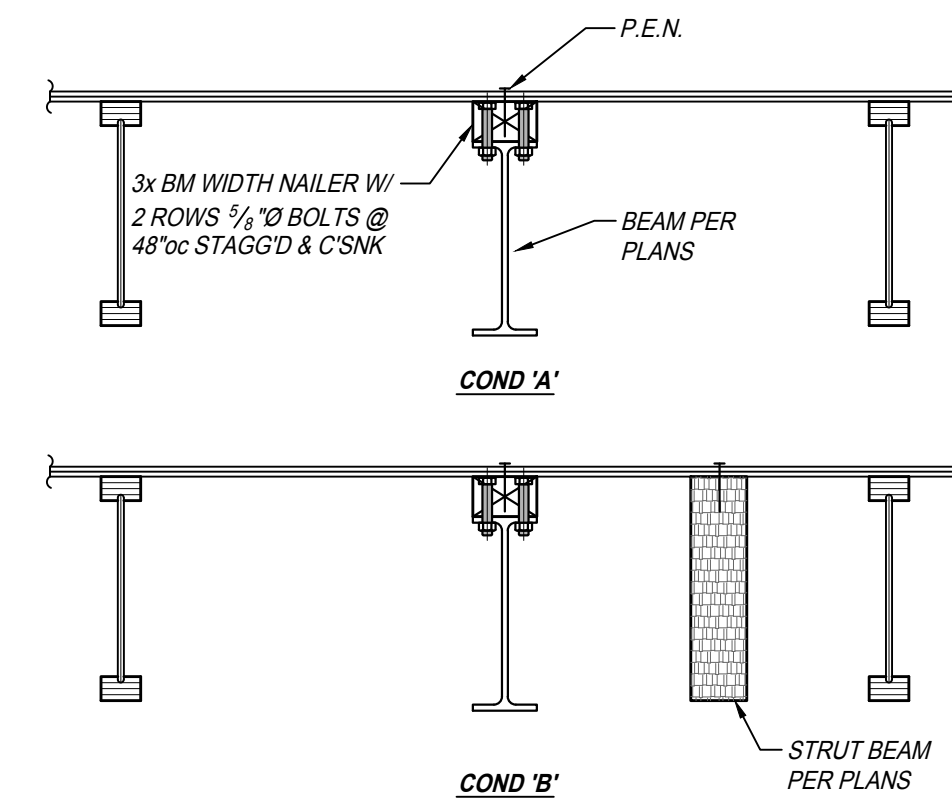
ADDENDUM 01

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

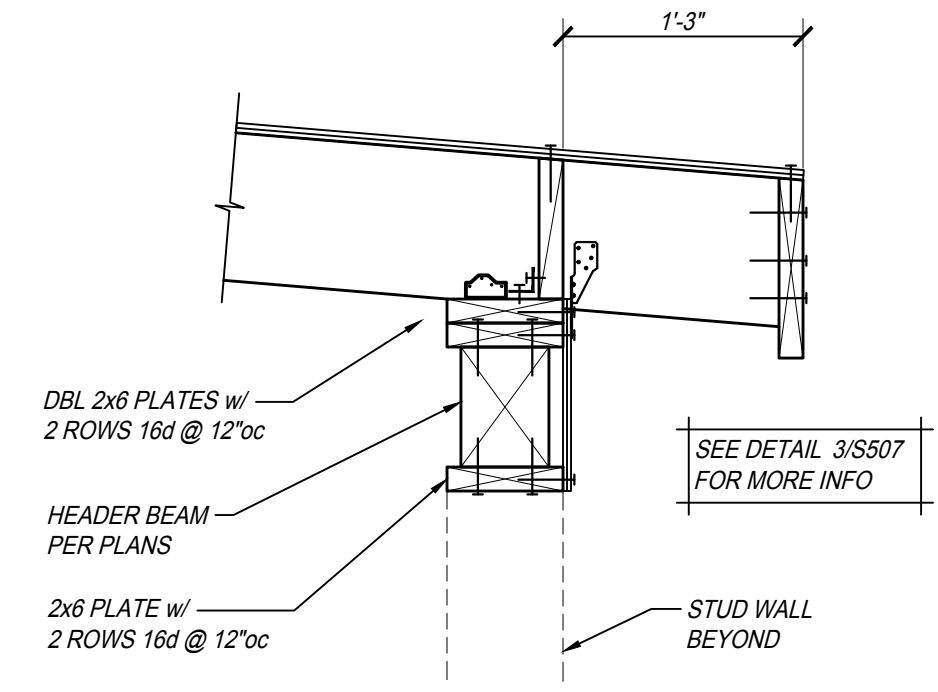
DRAWING SET INFORMATION: 06/19/2020 Plan Check Submittal
REVISIONS: 8/12/2020 Plan Check Revisions, 10/8/2020 Addendum 1
PROJECT NUMBER: 17044.1
SHEET NUMBER: AD1 S508



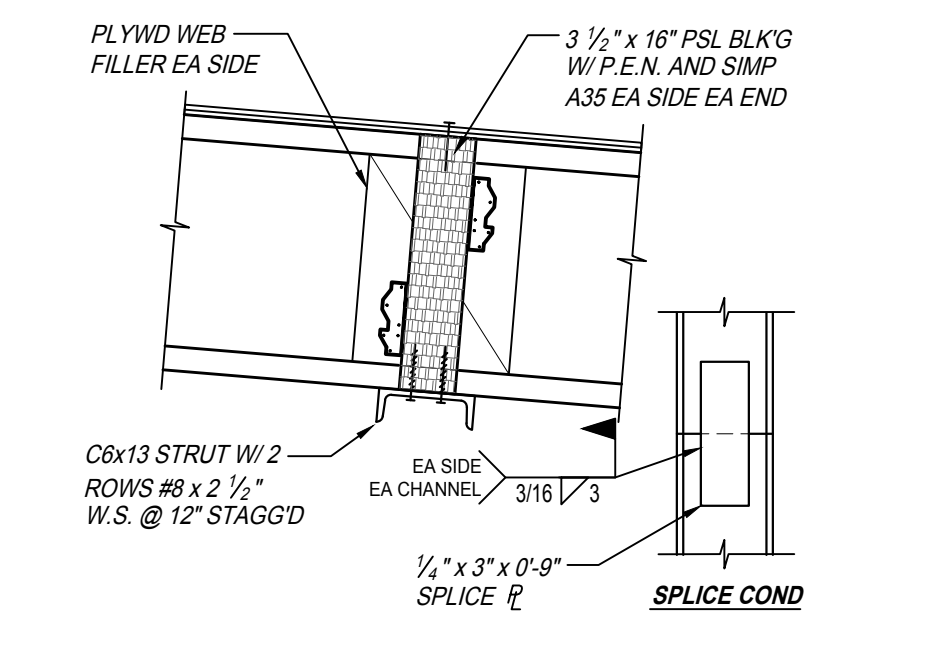
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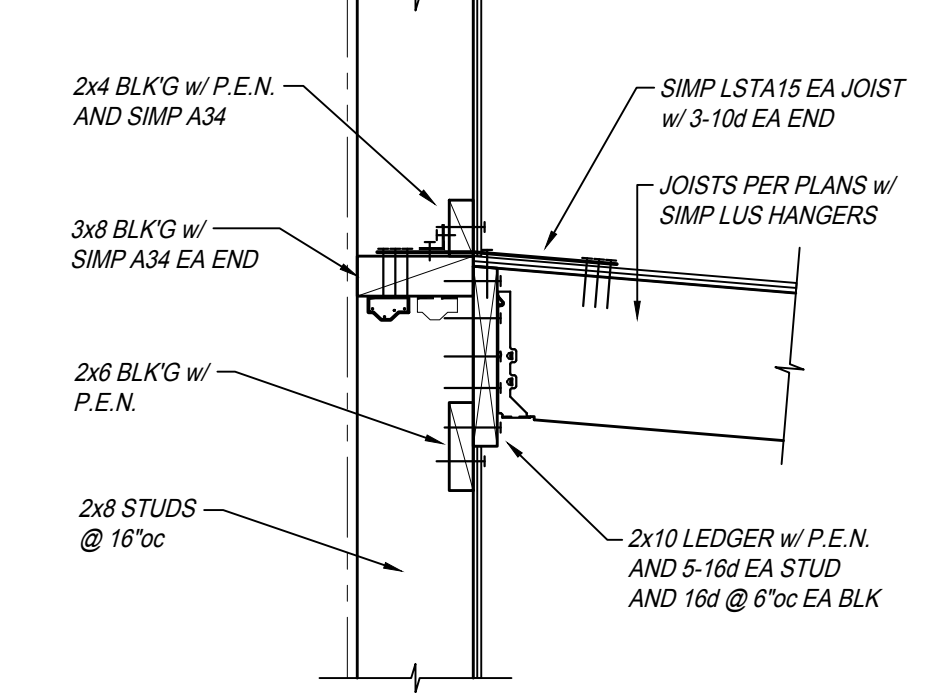
DETAIL 5
SCALE: 1" = 1'-0"
RF113 S509



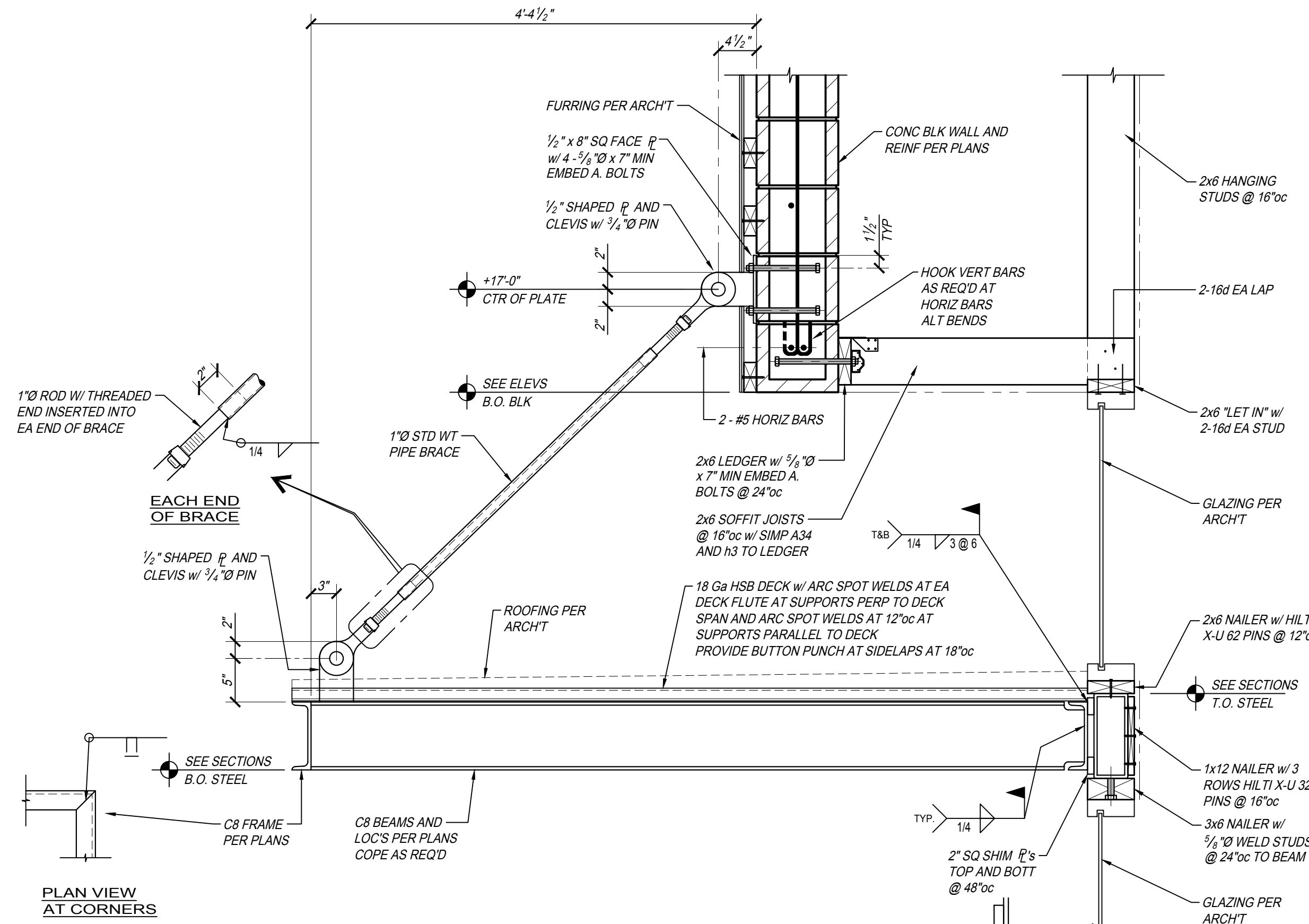
DETAIL 3
SCALE: 1" = 1'-0"
RF111 S509



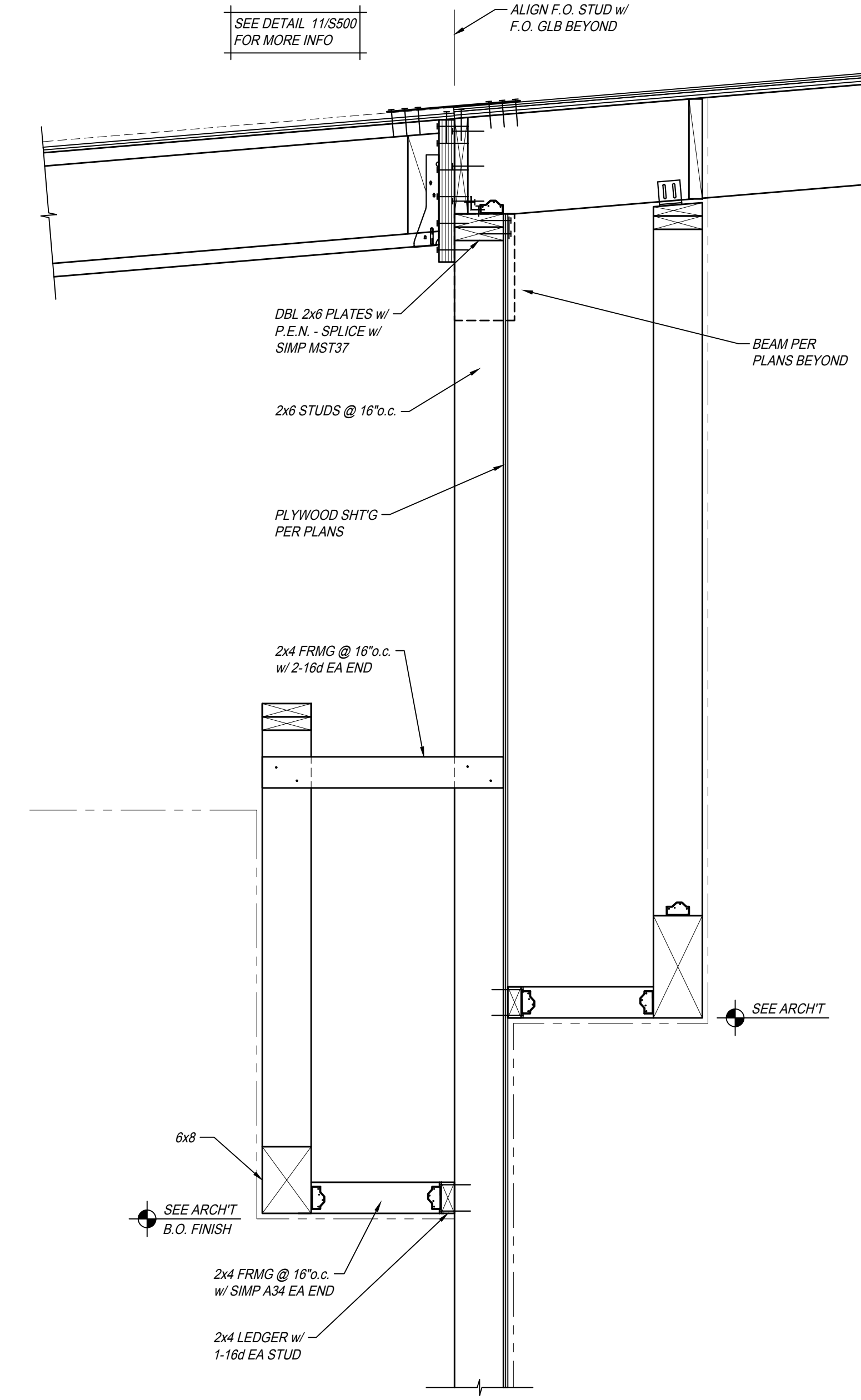
DETAIL 6
SCALE: 1" = 1'-0"
RF114 S509



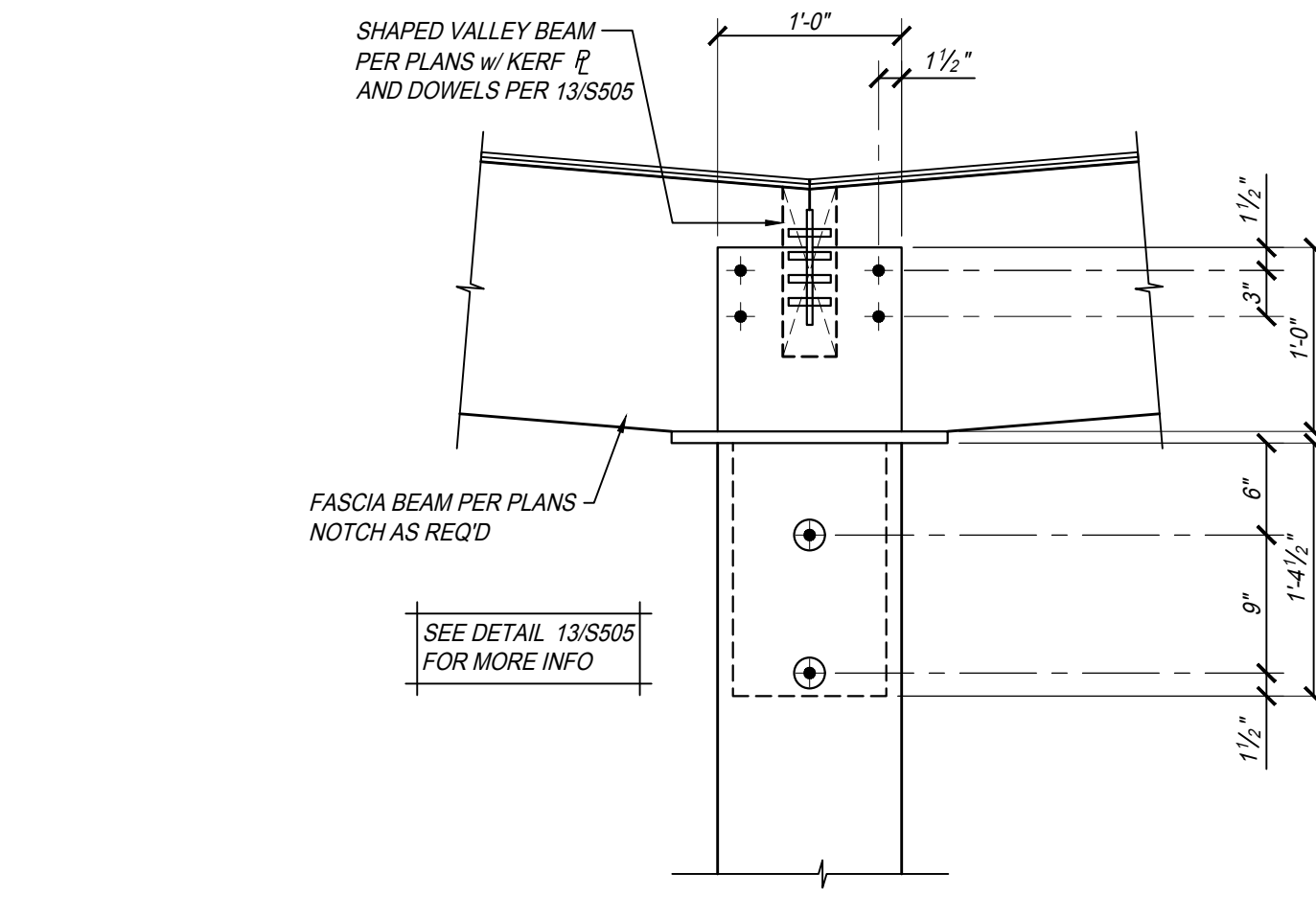
DETAIL 4
SCALE: 1" = 1'-0"
RF112 S509



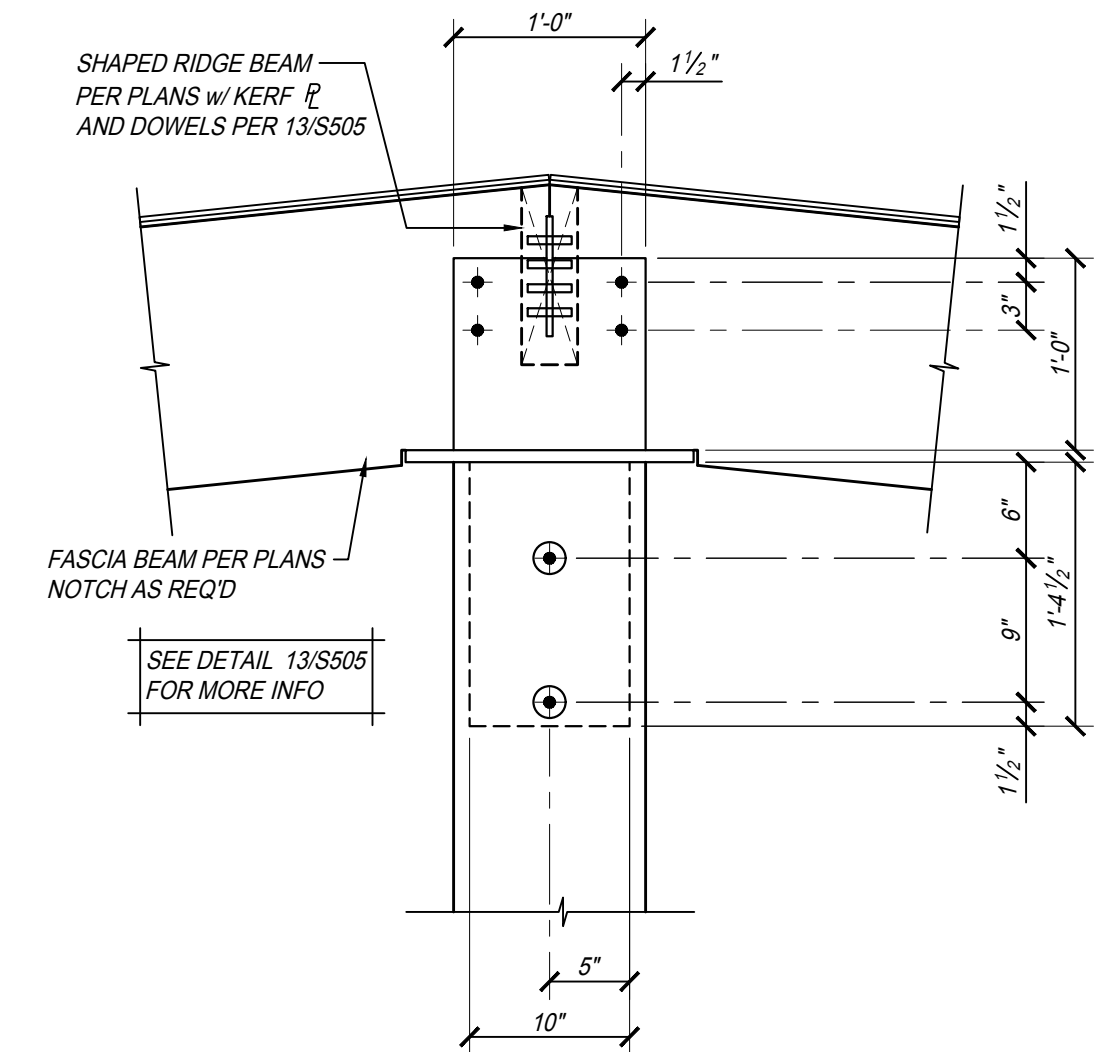
DETAIL 2
SCALE: 1" = 1'-0"
RF110 S509



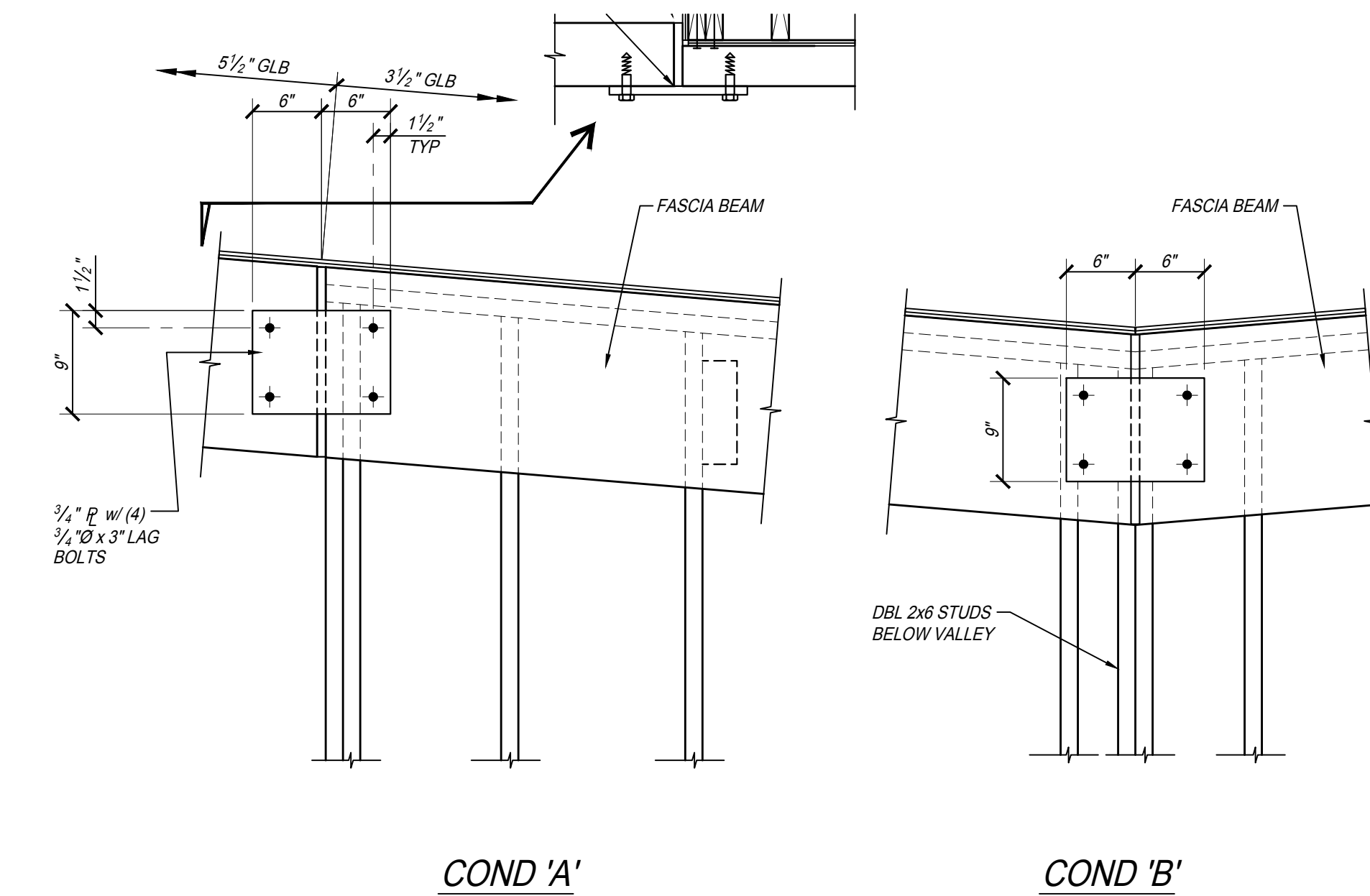
DETAIL 1
SCALE: 1" = 1'-0"
RF109 S509



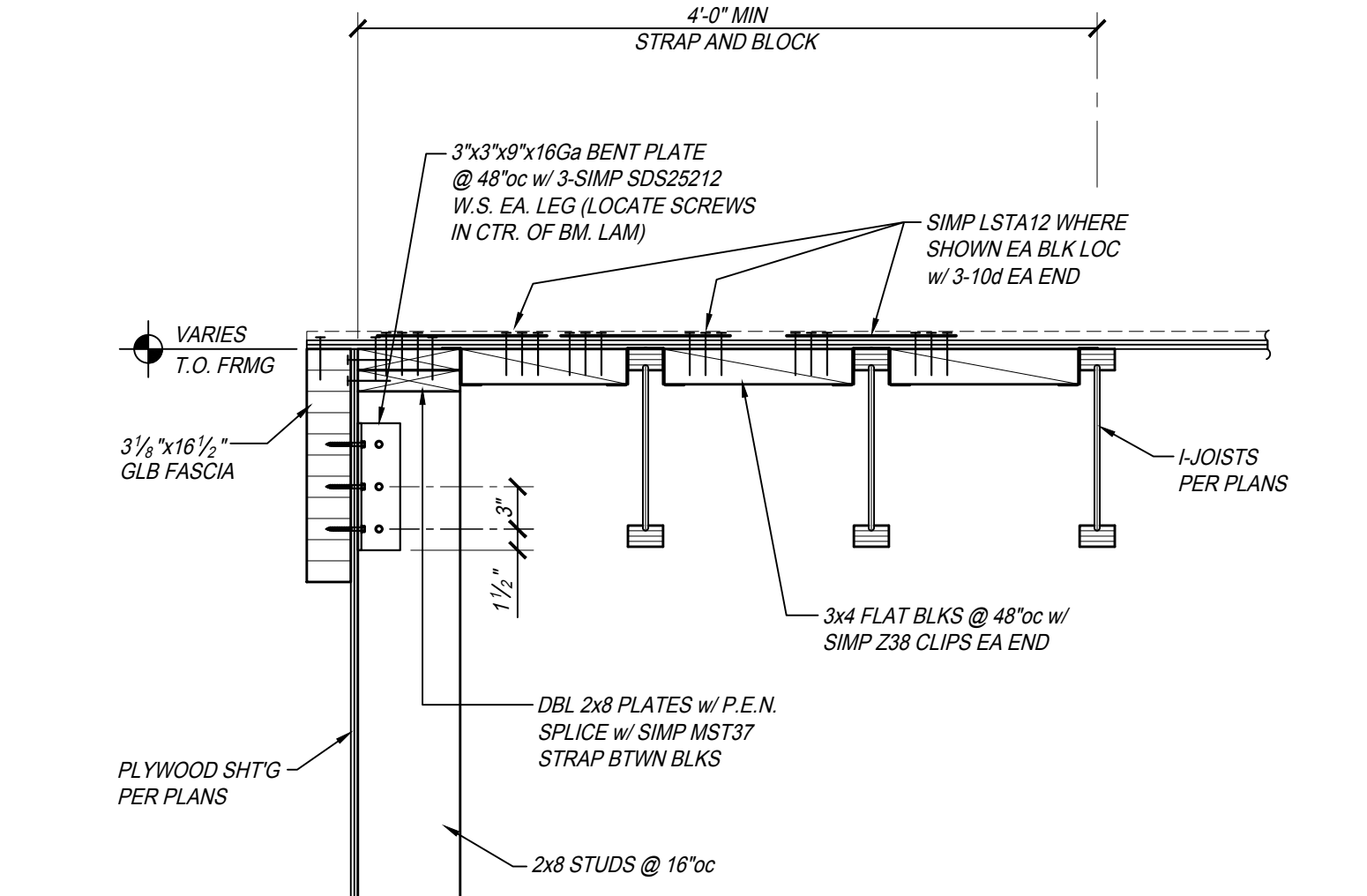
DETAIL 10
SCALE: 1" = 1'-0"
RF118 S509



DETAIL 9
SCALE: 1" = 1'-0"
RF117 S509



DETAIL 8
SCALE: 1" = 1'-0"
RF116 S509



DETAIL 7
SCALE: 1" = 1'-0"
RF115 S509

PH
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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

PROJECT NUMBER:
17044.1

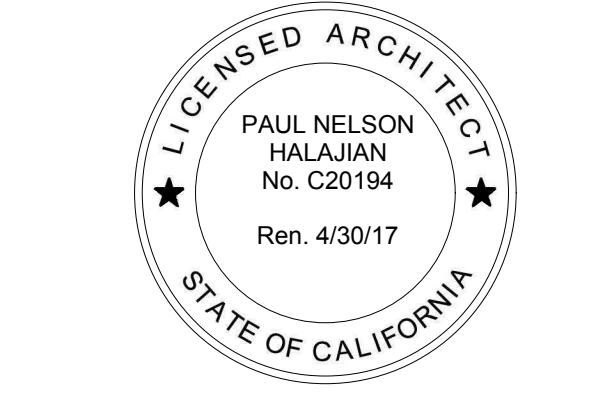
SHEET NUMBER:
AD1 S509



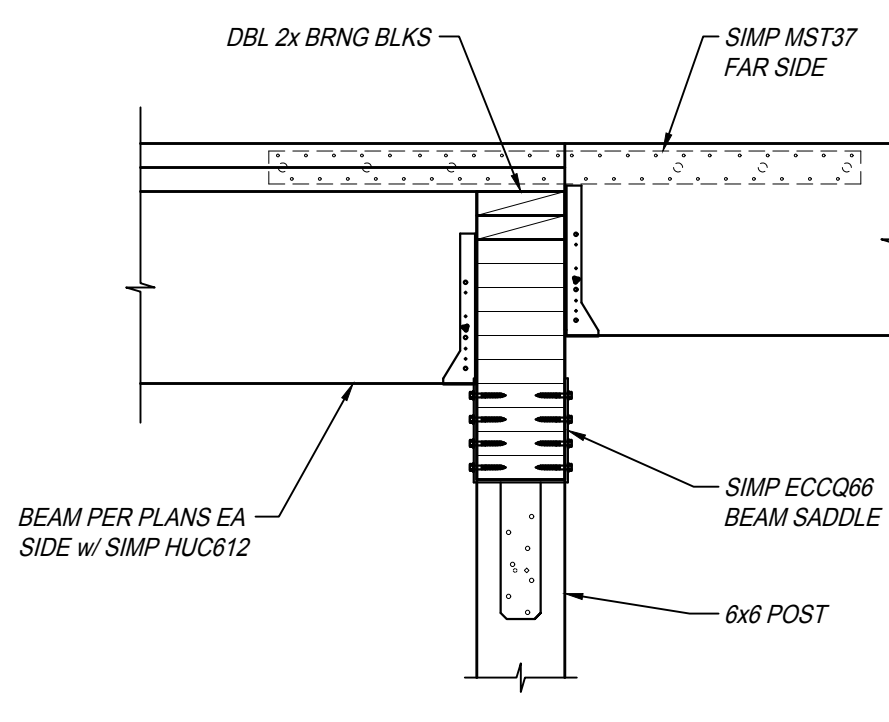
PARRISH HANSEN
STRUCTURAL ENGINEERS
A Division of Provoost & Pritchard Consulting Group
418 Clovis Ave. Clovis, CA 93612
PHONE 559-323-1023 FAX 559-323-8090
WWW.PARRISH-HANSEN.COM

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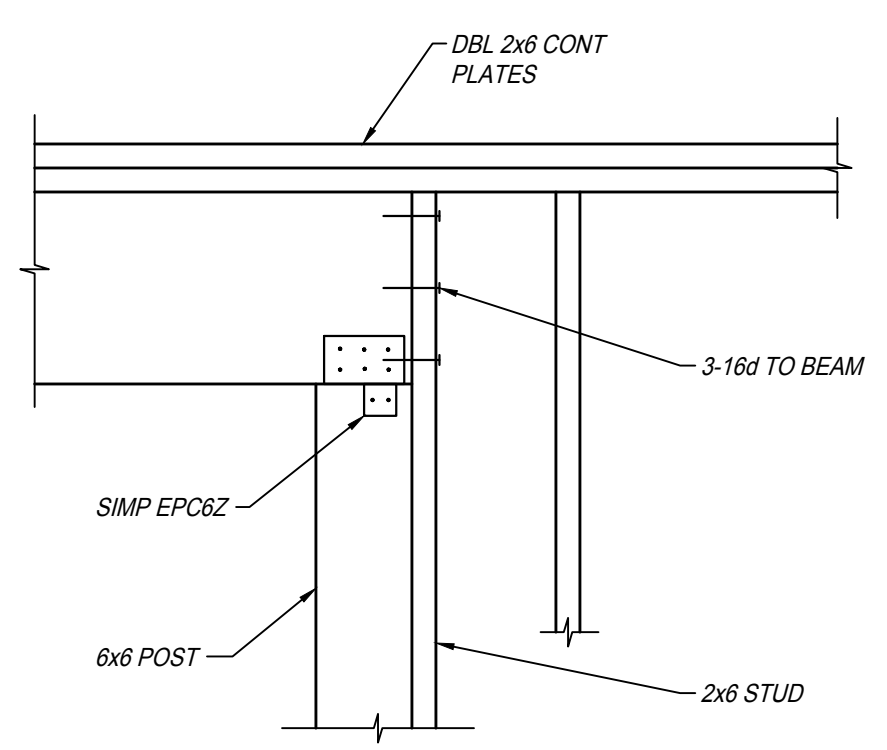
ADDENDUM 01



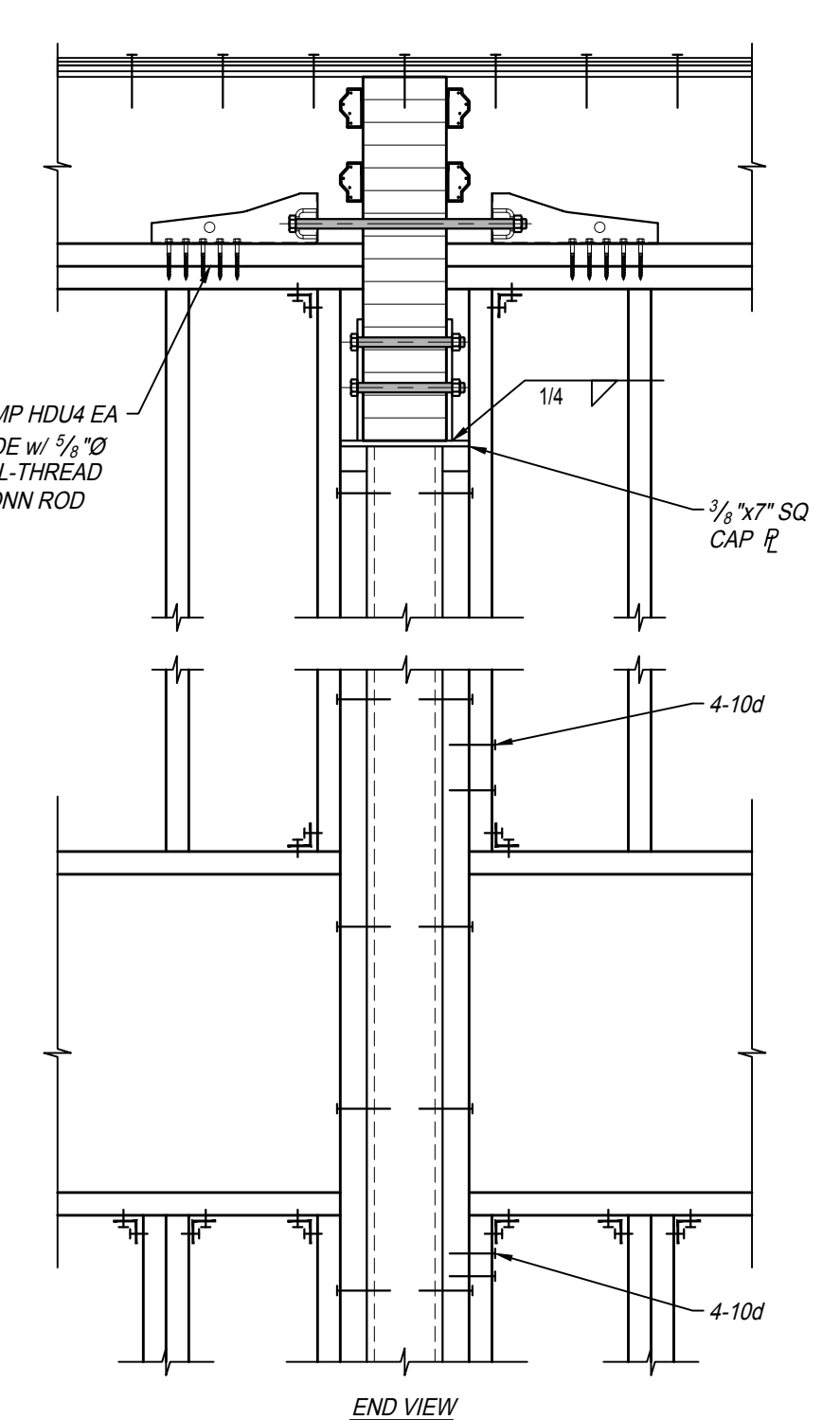
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DETAIL 4
SCALE: 1" = 1'-0"
BM41 S603

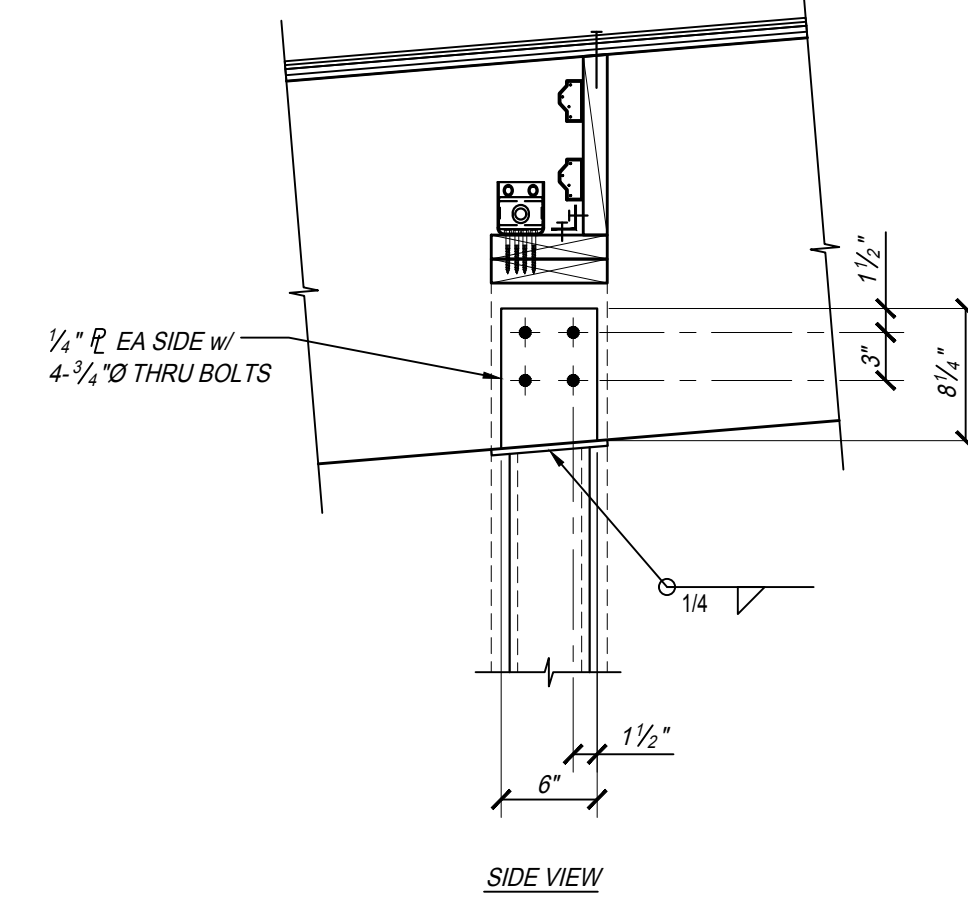


DETAIL 3
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BM40 S603

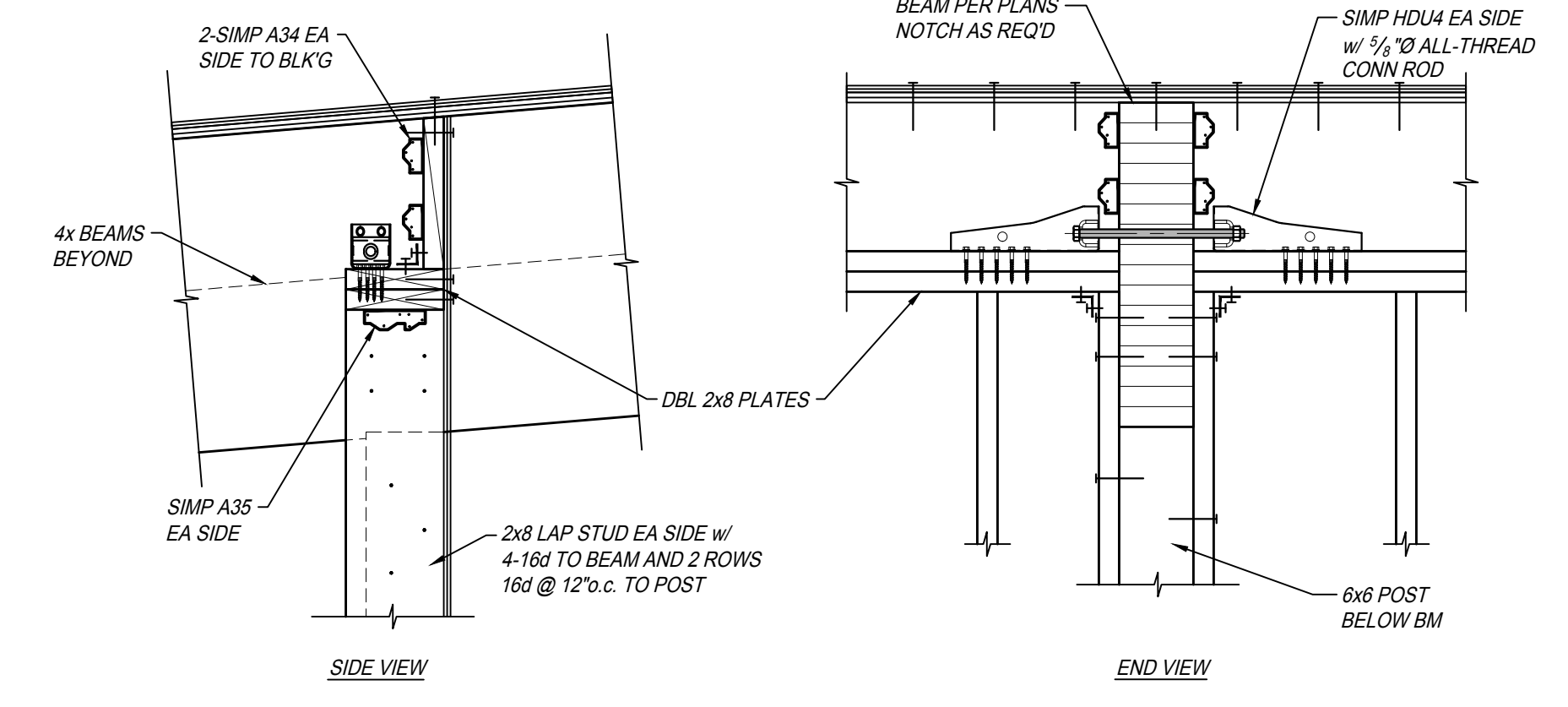


DETAIL 2
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BM39 S603

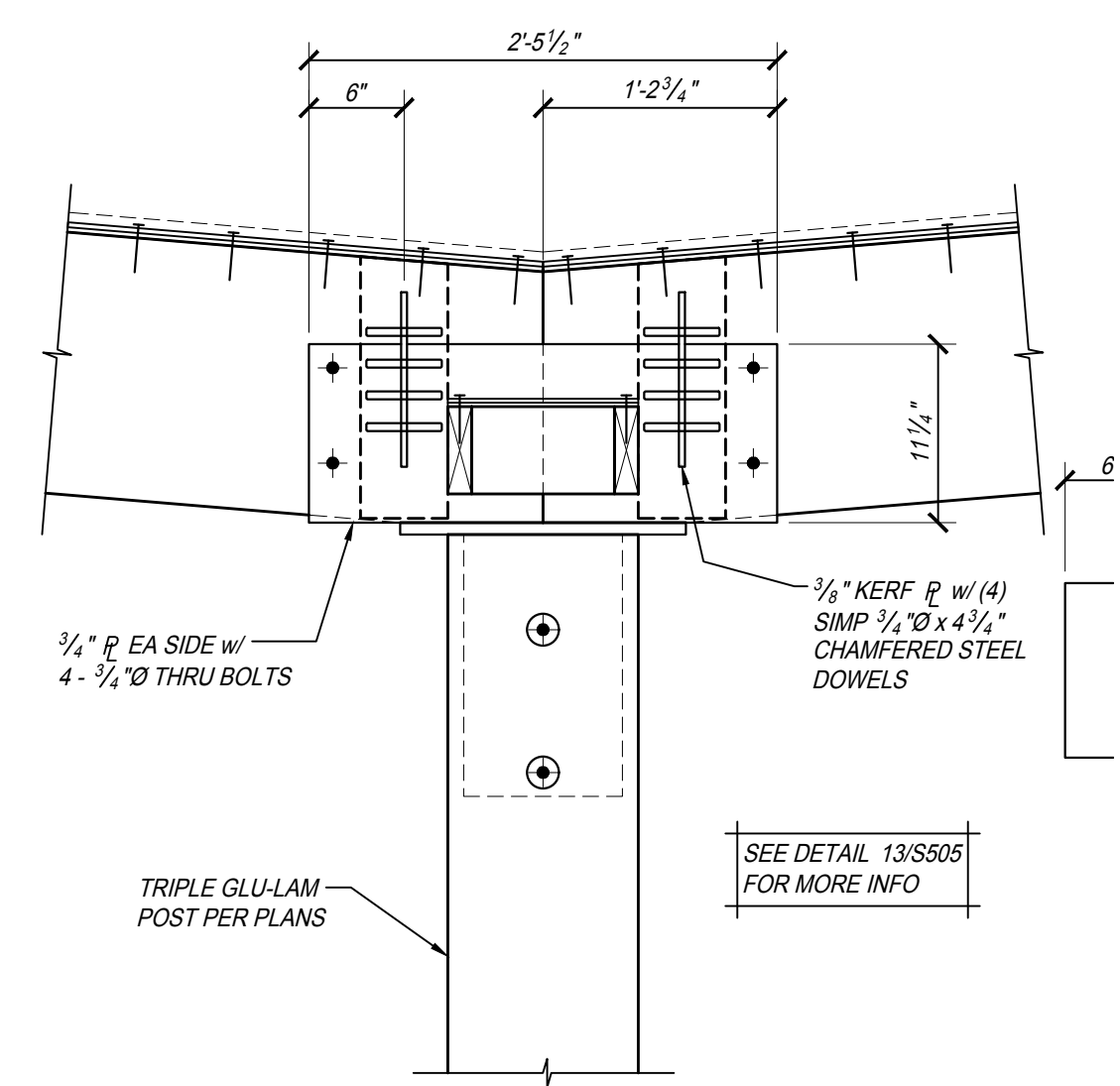
SEE DETAILS 12/S601 AND 1/S603 FOR MORE INFO



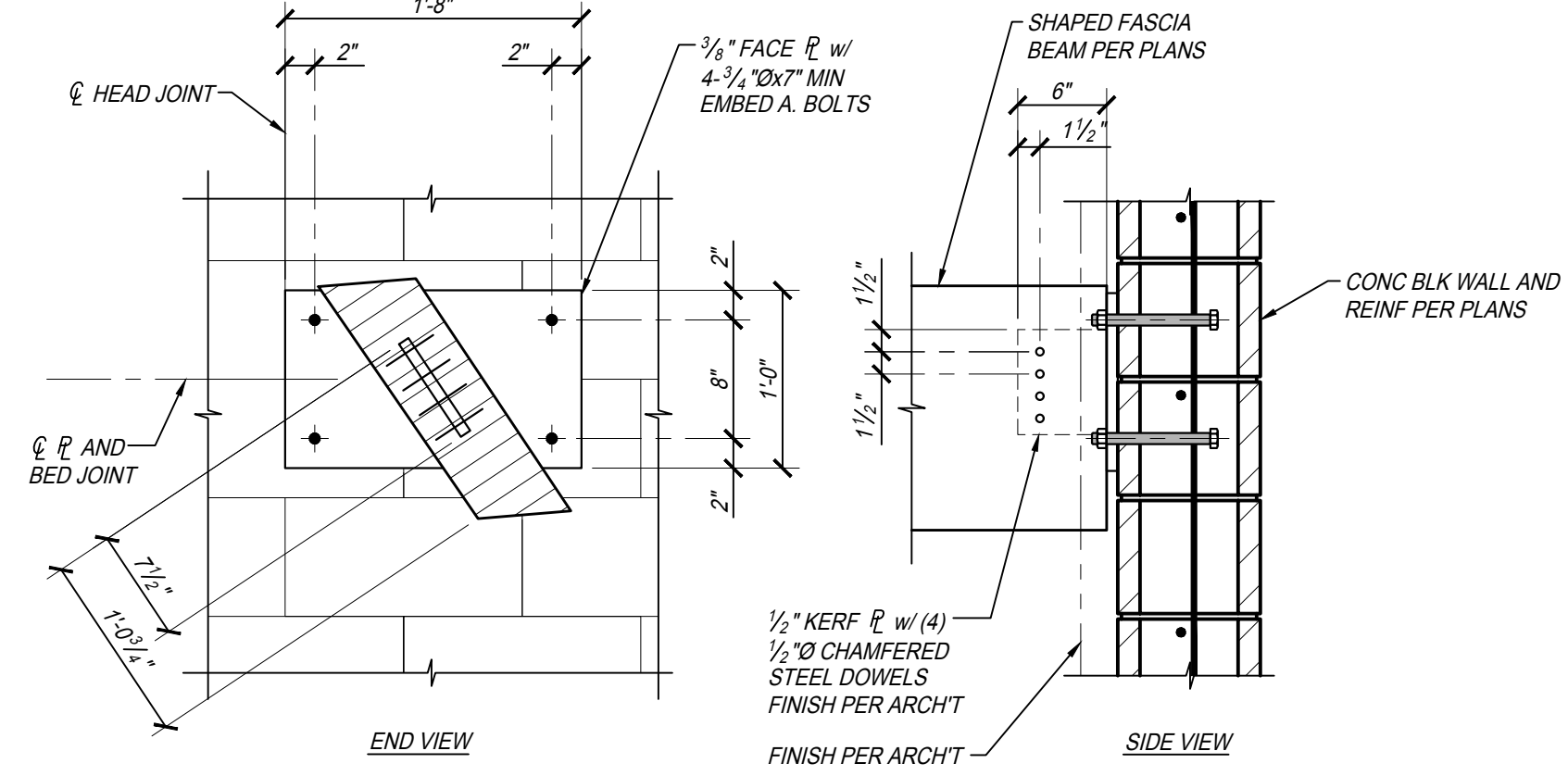
DETAIL 1
SCALE: 1" = 1'-0"
BM38 S603



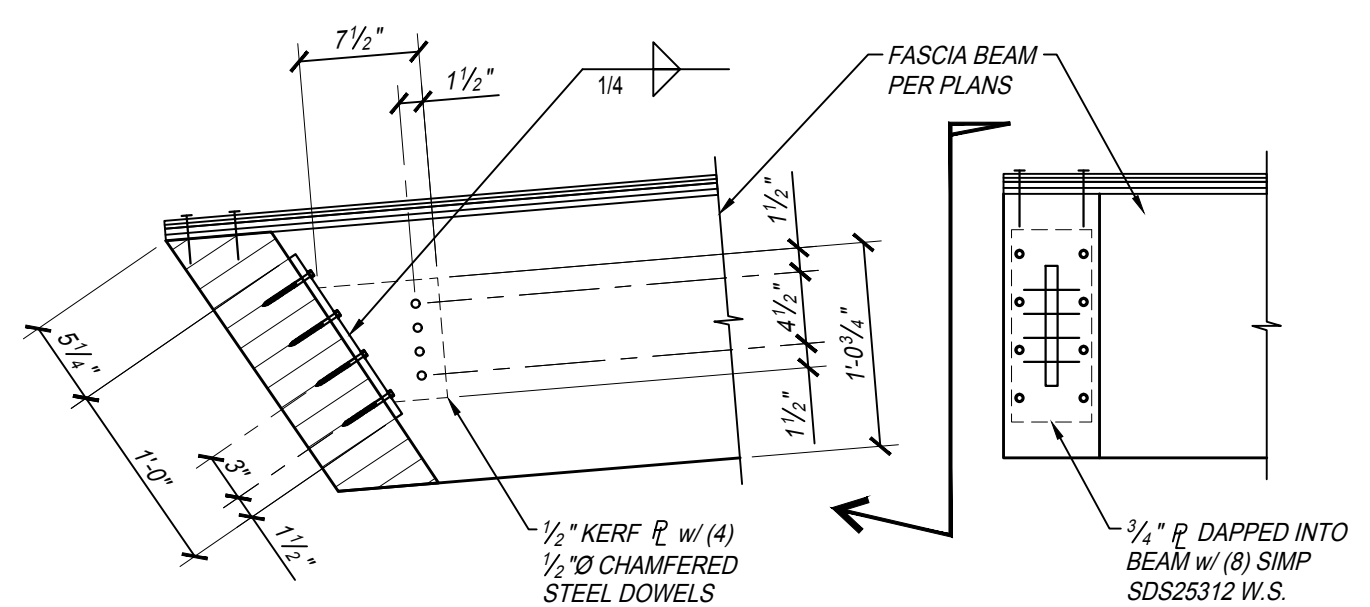
DETAIL 5
SCALE: 1" = 1'-0"
BM42 S603



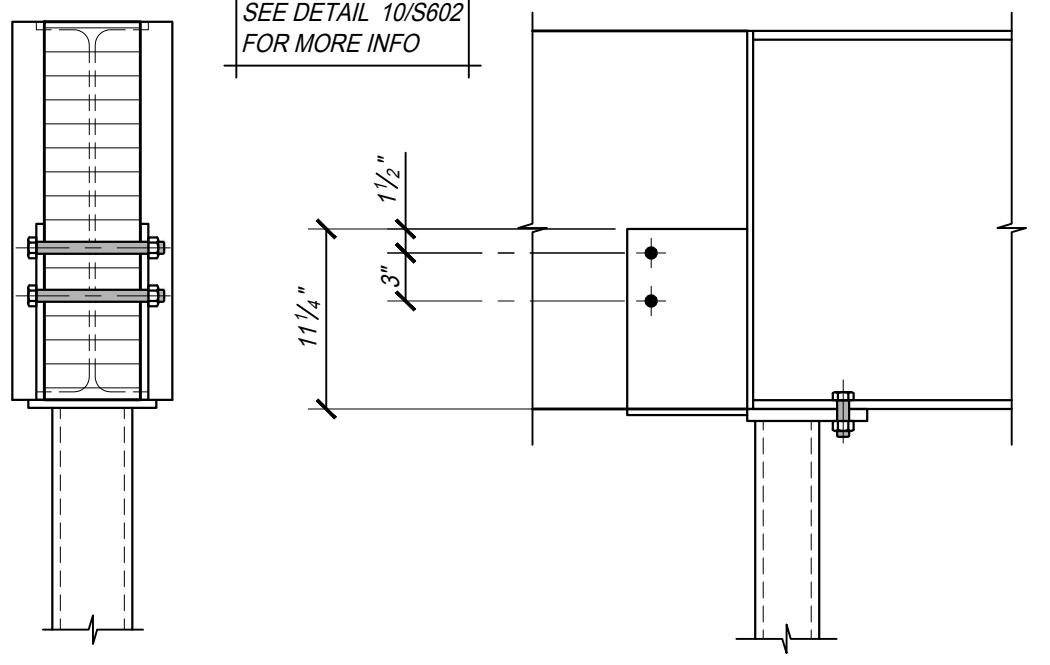
DETAIL 8
SCALE: 1" = 1'-0"
BM43 S603



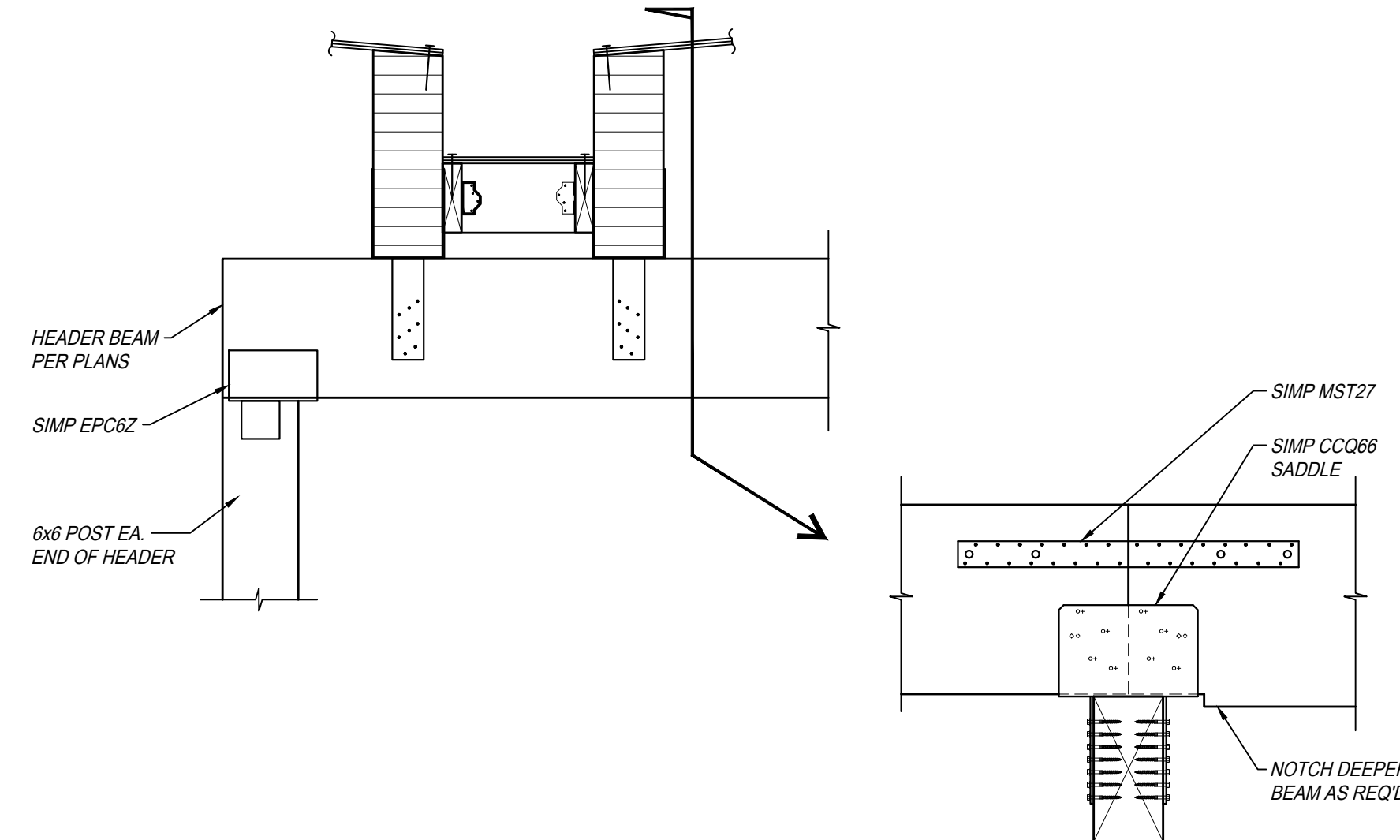
DETAIL 7
SCALE: 1" = 1'-0"
BM44 S603



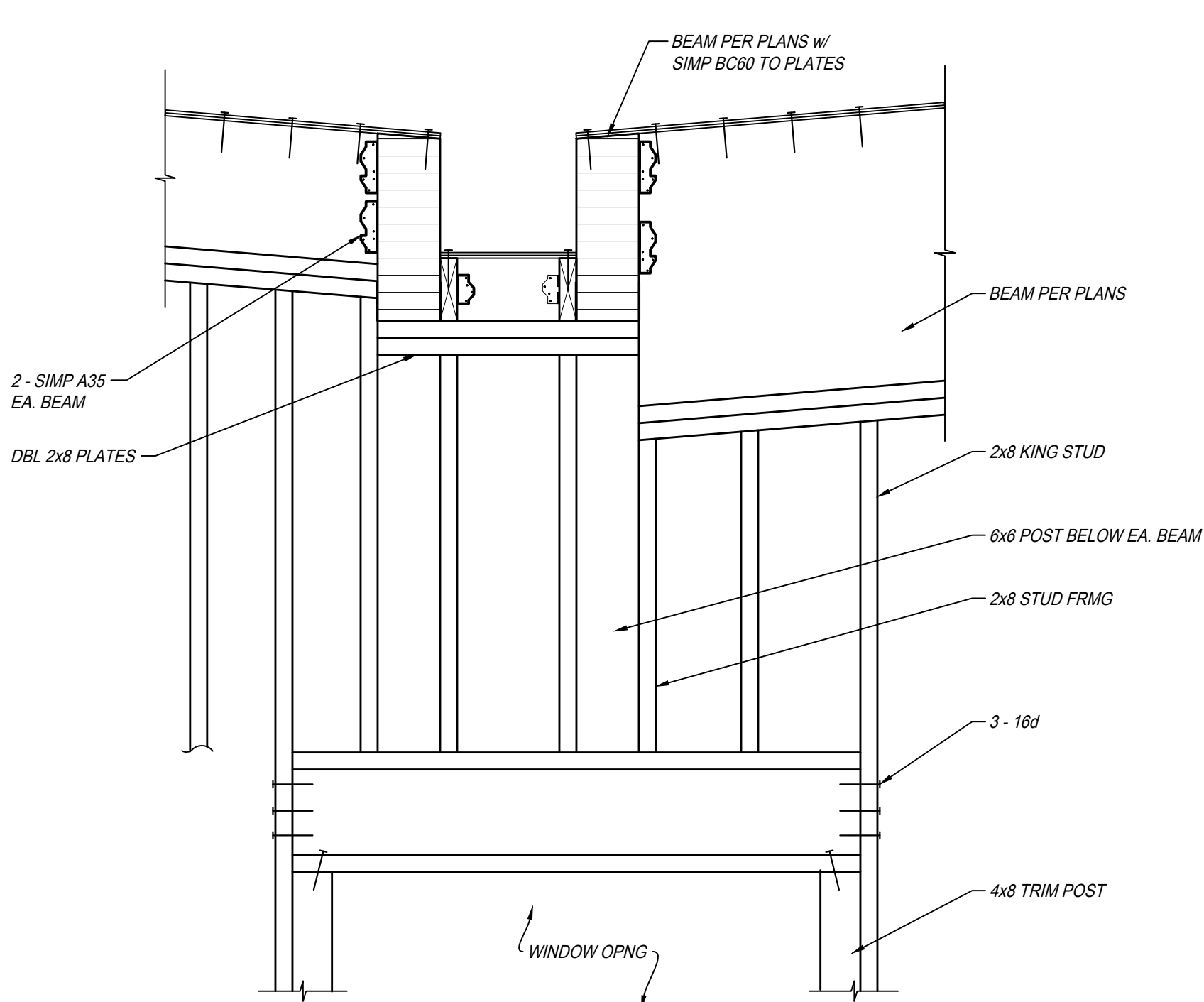
DETAIL 6
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BM43 S603



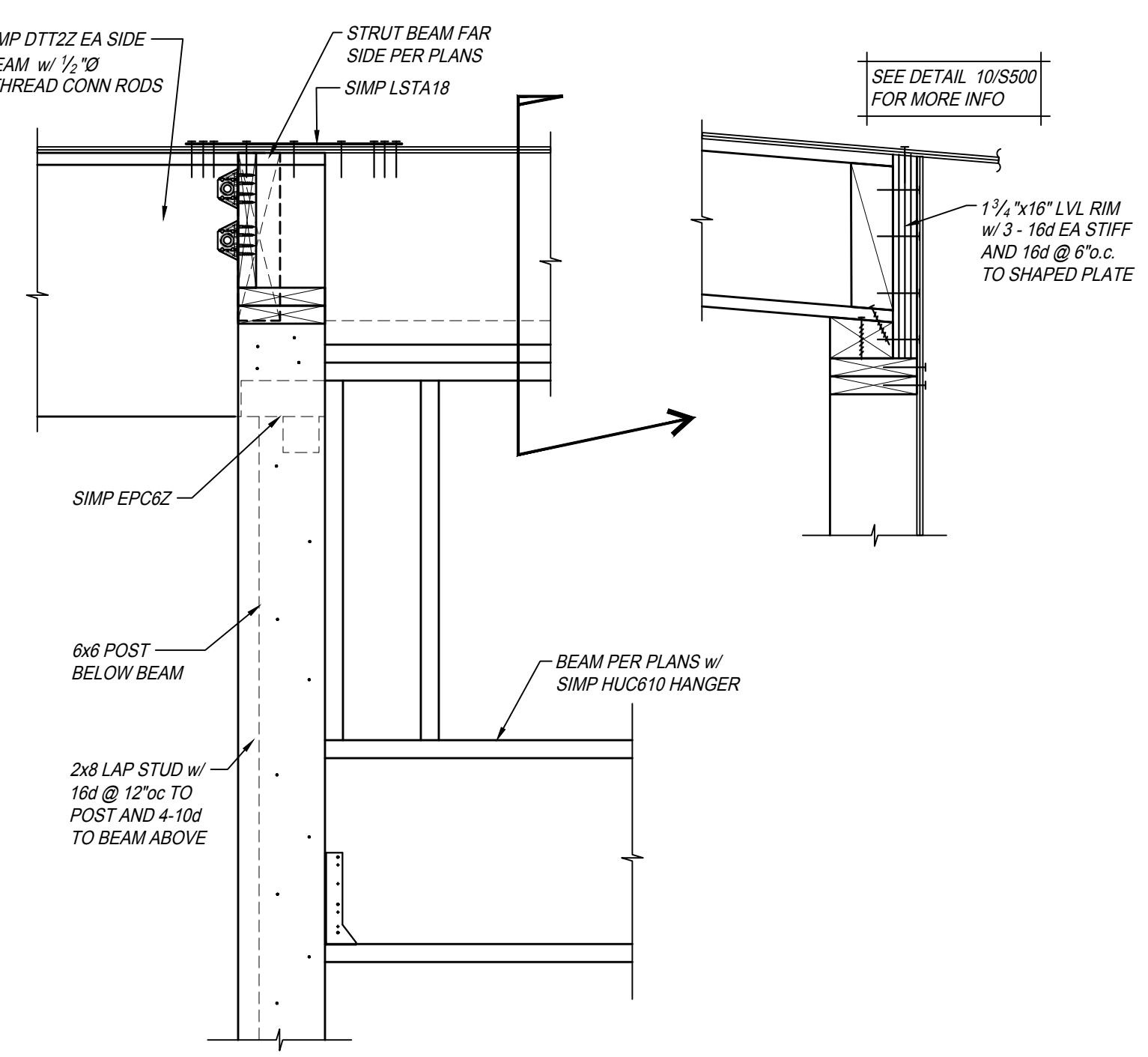
DETAIL 5
SCALE: 1" = 1'-0"
BM42 S603



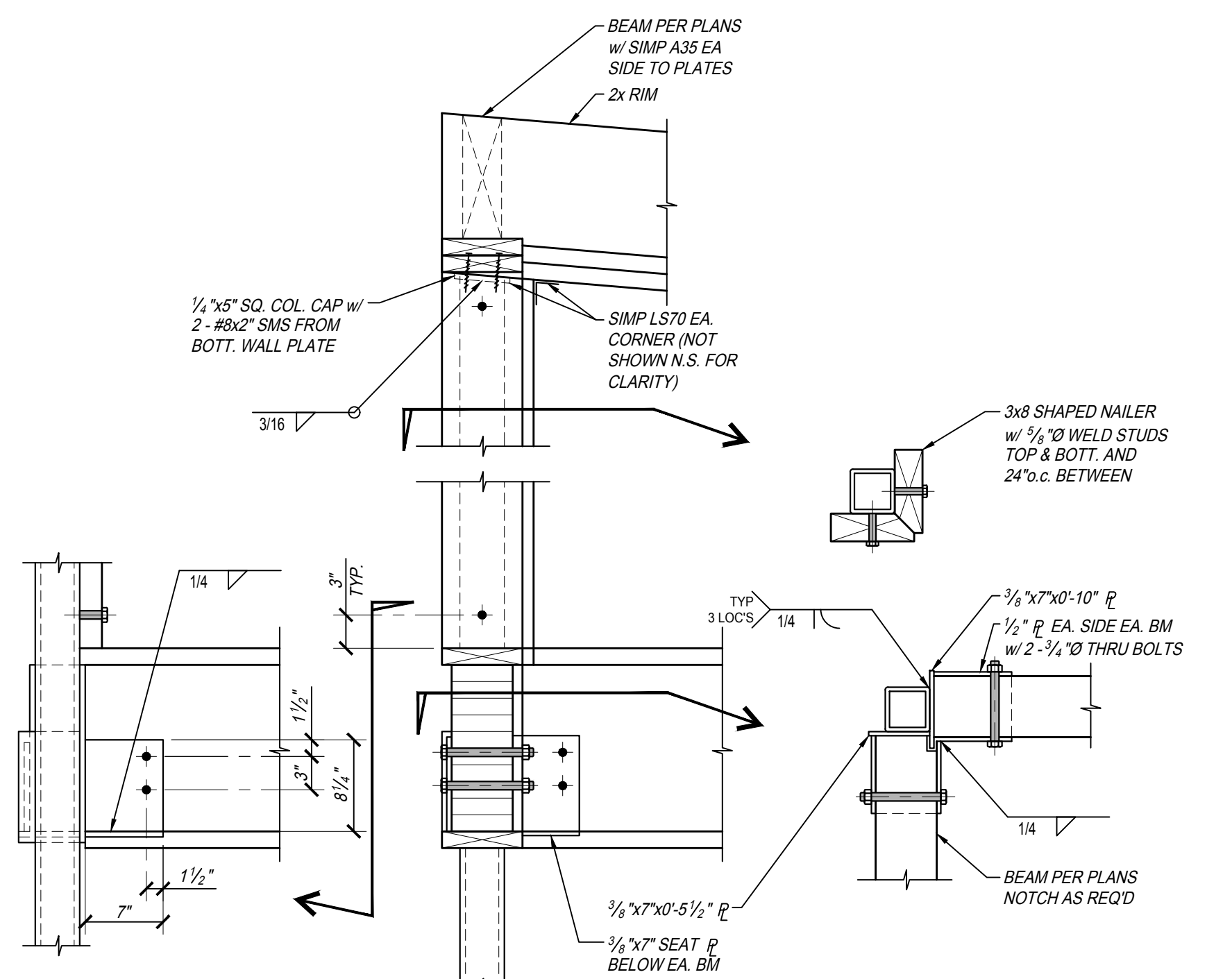
DETAIL 12
SCALE: 1" = 1'-0"
BM49 S603



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



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



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



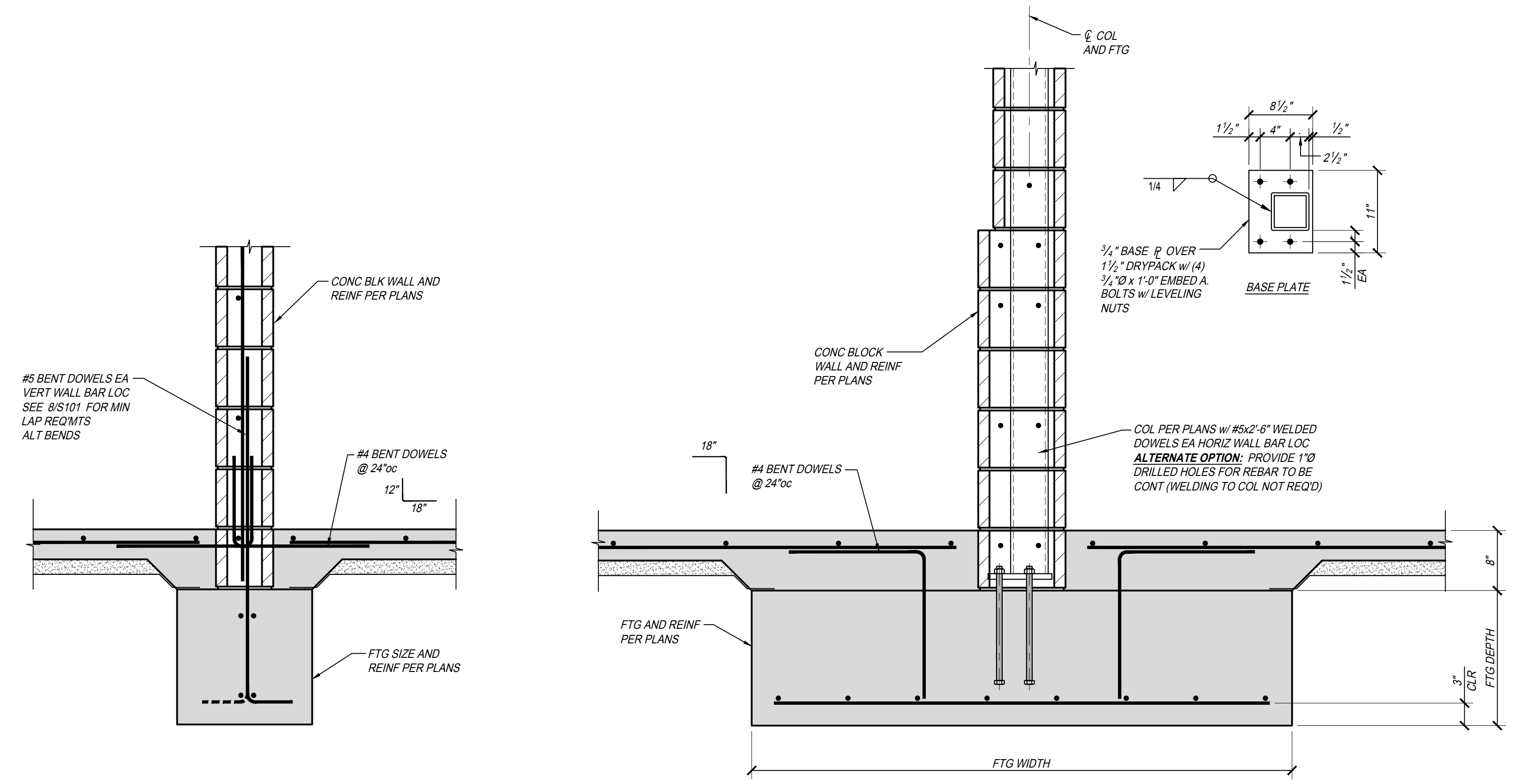
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PROJECT: City of Clovis Senior Activity Center and Transit Center
735 Third Street
Clovis, CA 93612
SHEET: BEAM DETAILS

DRAWING SET INFORMATION: 06/19/2020 Plan Check Submittal
REVISIONS: 8/12/2020 Plan Check Revisions, 10/8/2020 Addendum 1
PROJECT NUMBER: 17044.1
SHEET NUMBER: AD1 S603

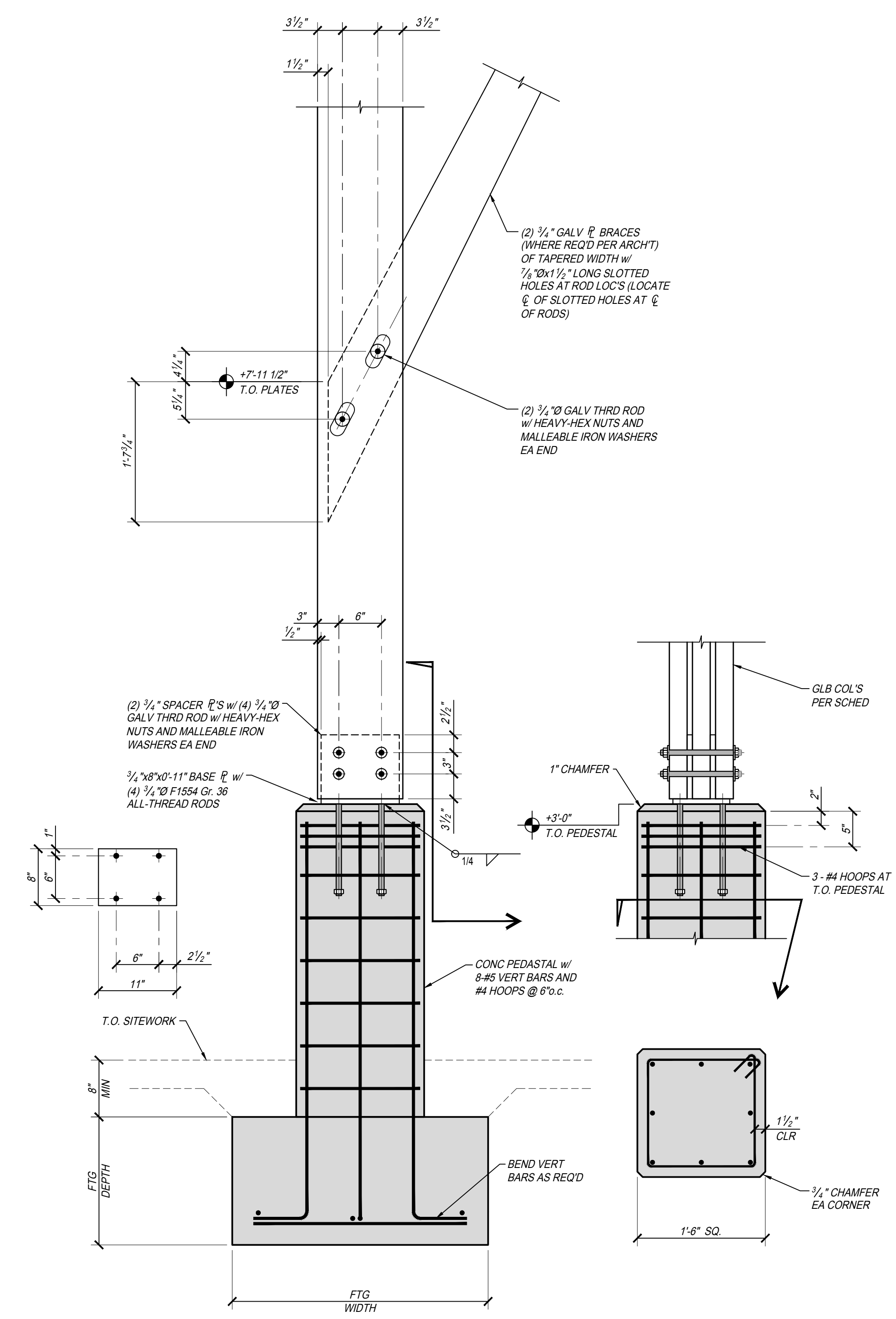


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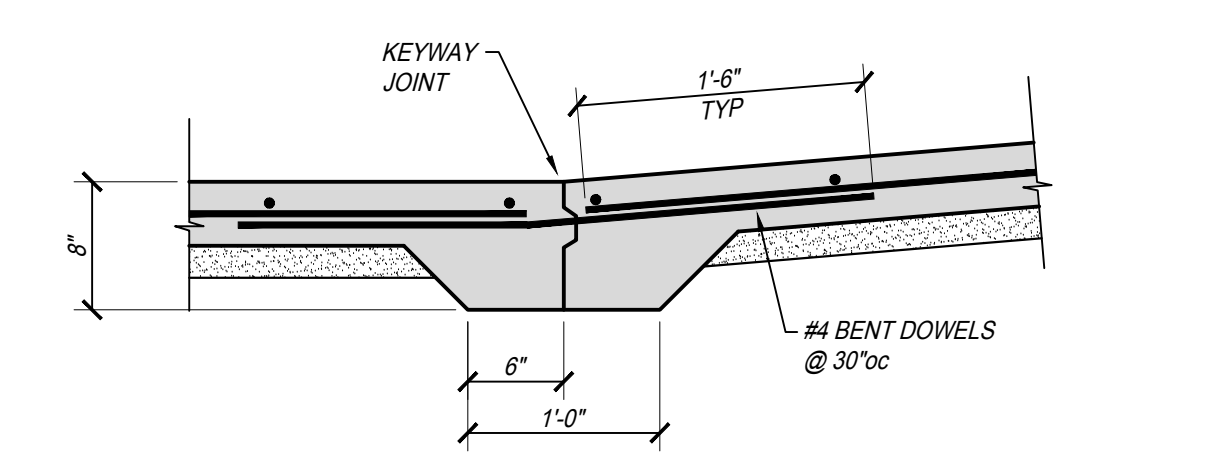


DETAIL 4
 SCALE: 1" = 1'-0"
 FDN13 S701

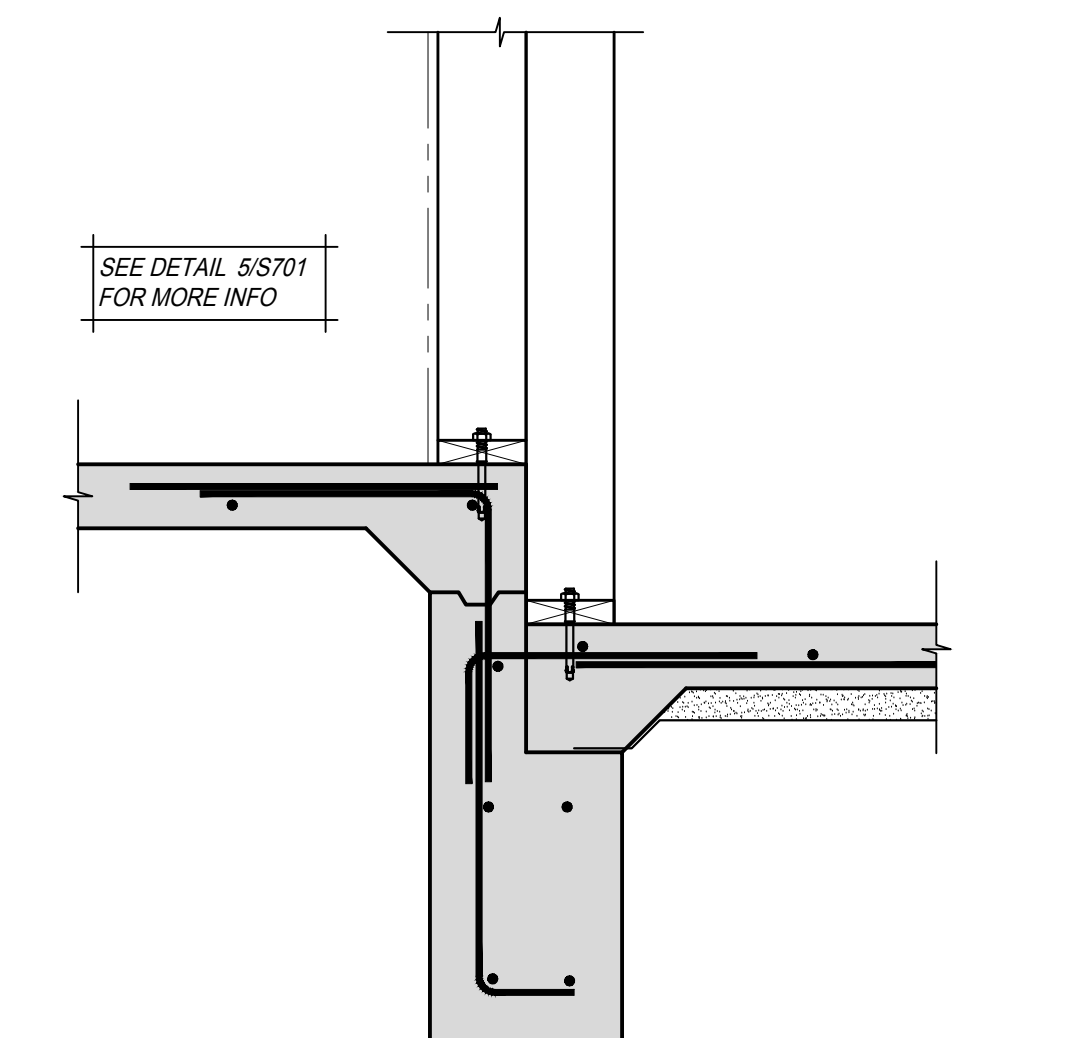
DETAIL 3
 SCALE: 1" = 1'-0"
 FDN12 S701



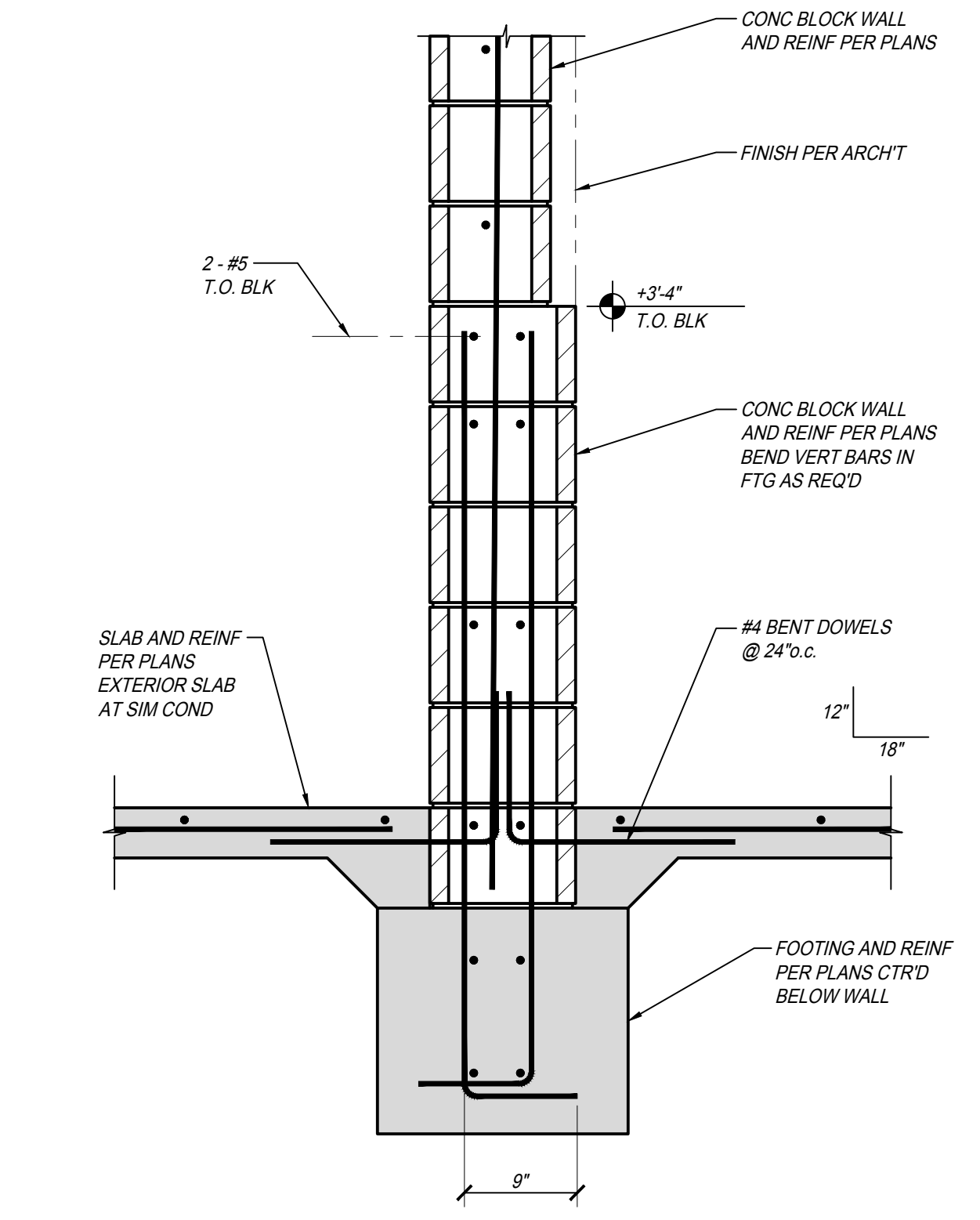
DETAIL 2
 SCALE: 1" = 1'-0"
 FDN11 S701



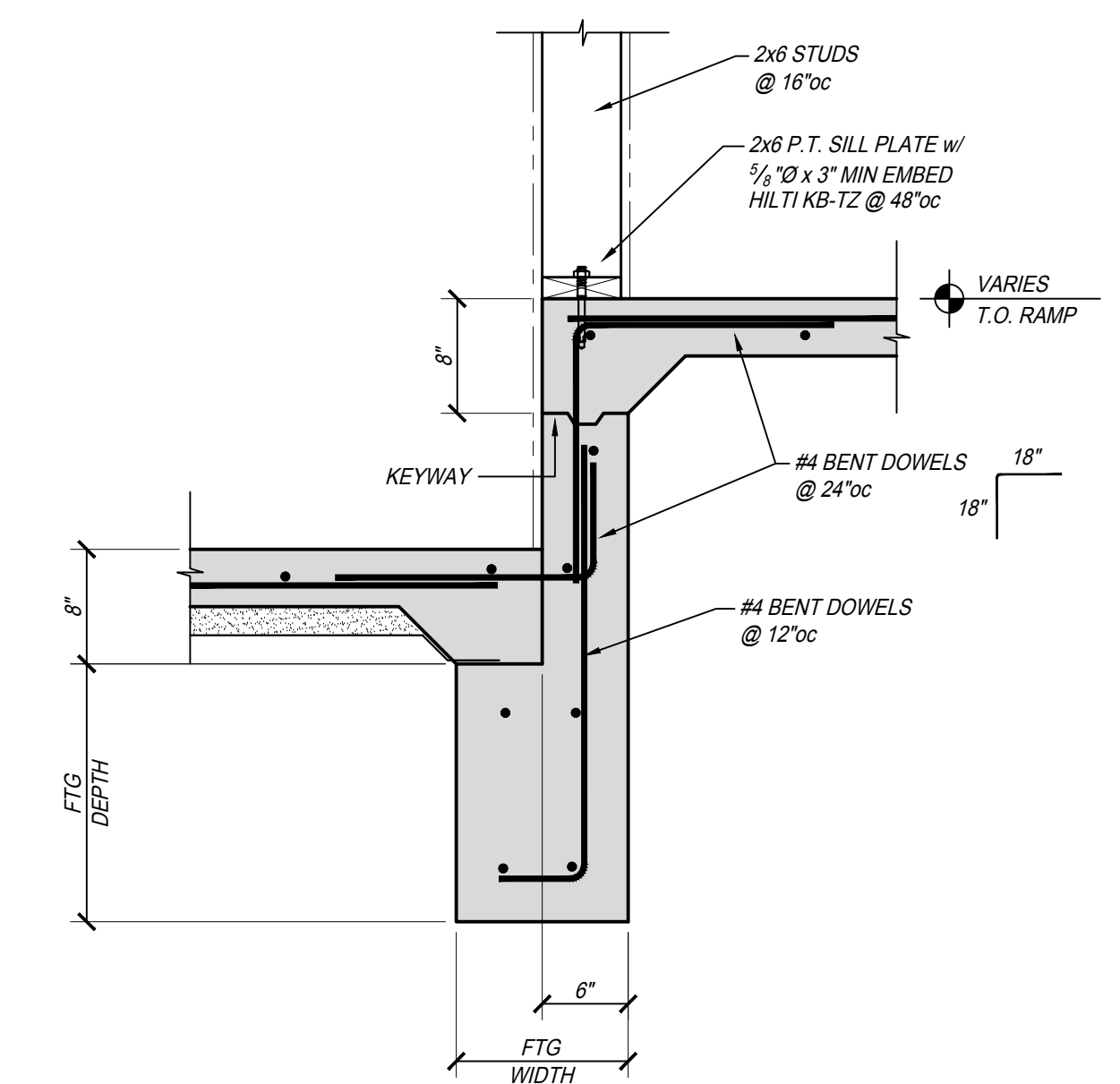
DETAIL 9
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 FDN18 S701



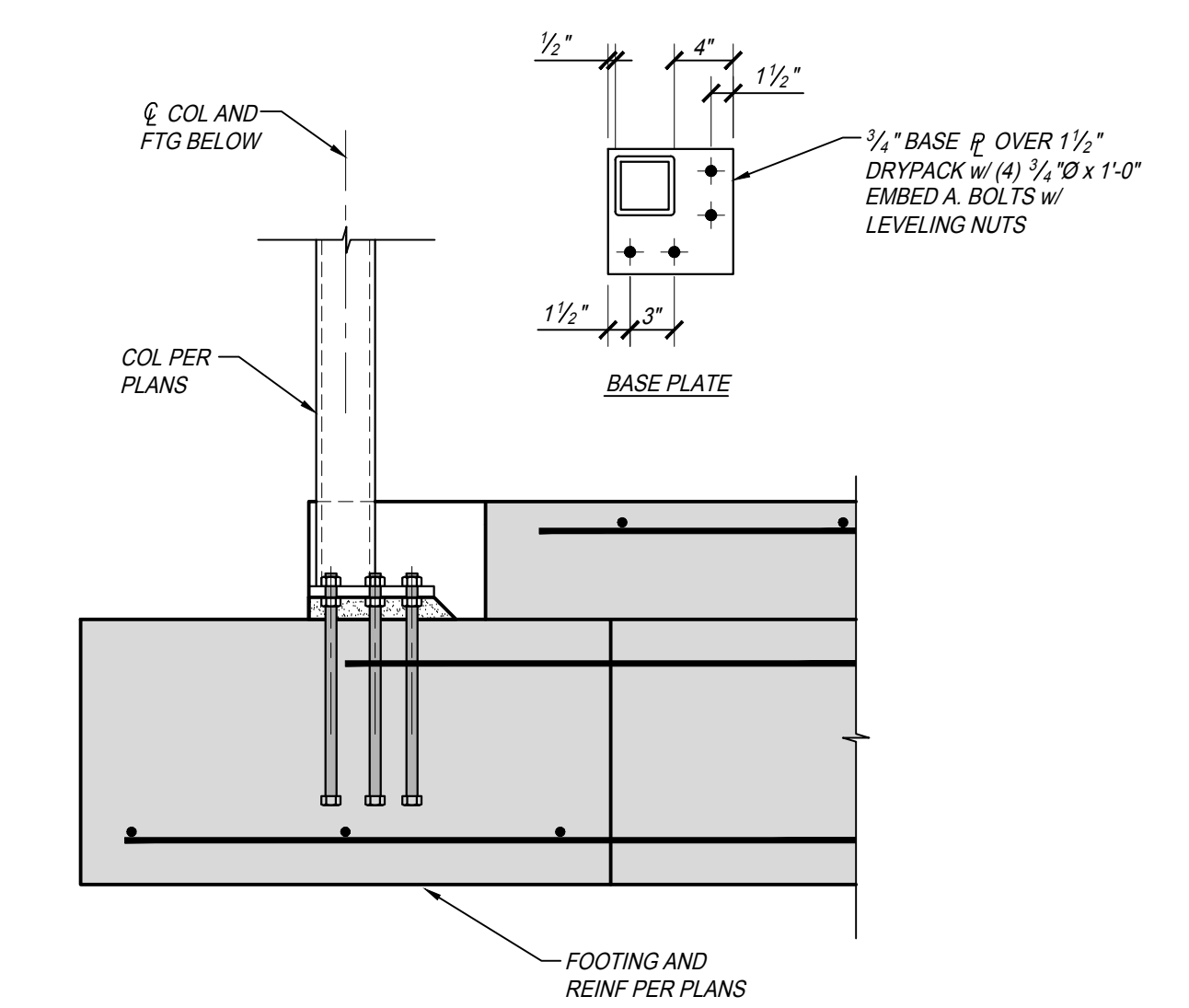
DETAIL 8
 SCALE: 1" = 1'-0"
 FDN17 S701



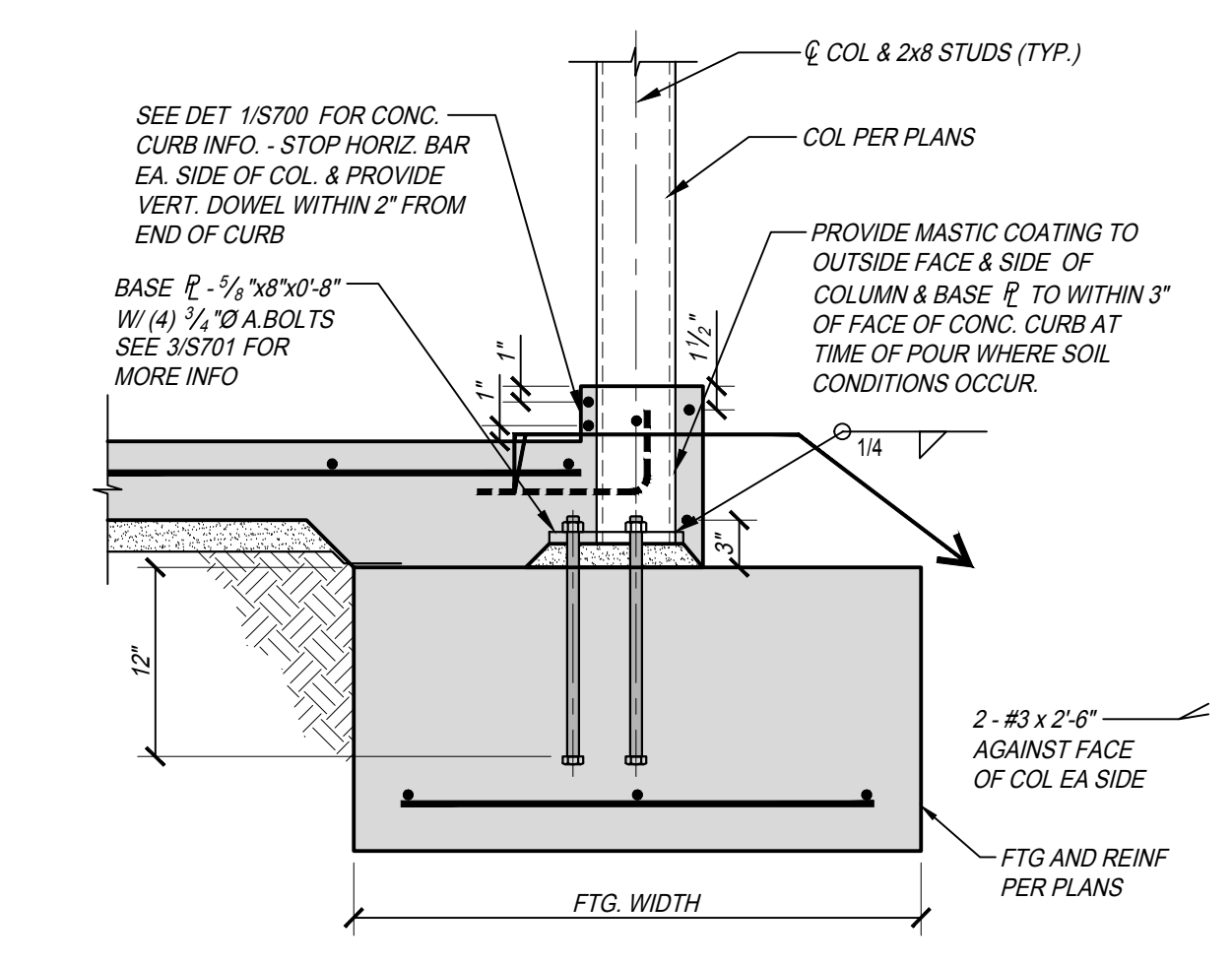
DETAIL 1
 SCALE: 1" = 1'-0"
 FDN10 S701



DETAIL 5
 SCALE: 1" = 1'-0"
 FDN14 S701



DETAIL 7
 SCALE: 1" = 1'-0"
 FDN16 S701



DETAIL 6
 SCALE: 1" = 1'-0"
 FDN15 S701

City of Clovis Senior Activity Center and Transit Center

735 Third Street
 Clovis, CA 93612

PROJECT:

DRAWING SET INFORMATION:

06/19/2020	Plan Check Submittal
REVISIONS:	
8/12/2020	Plan Check Revisions
10/8/2020	Addendum 1

PROJECT NUMBER:
 17044.1

SHEET NUMBER:
 AD1 S701

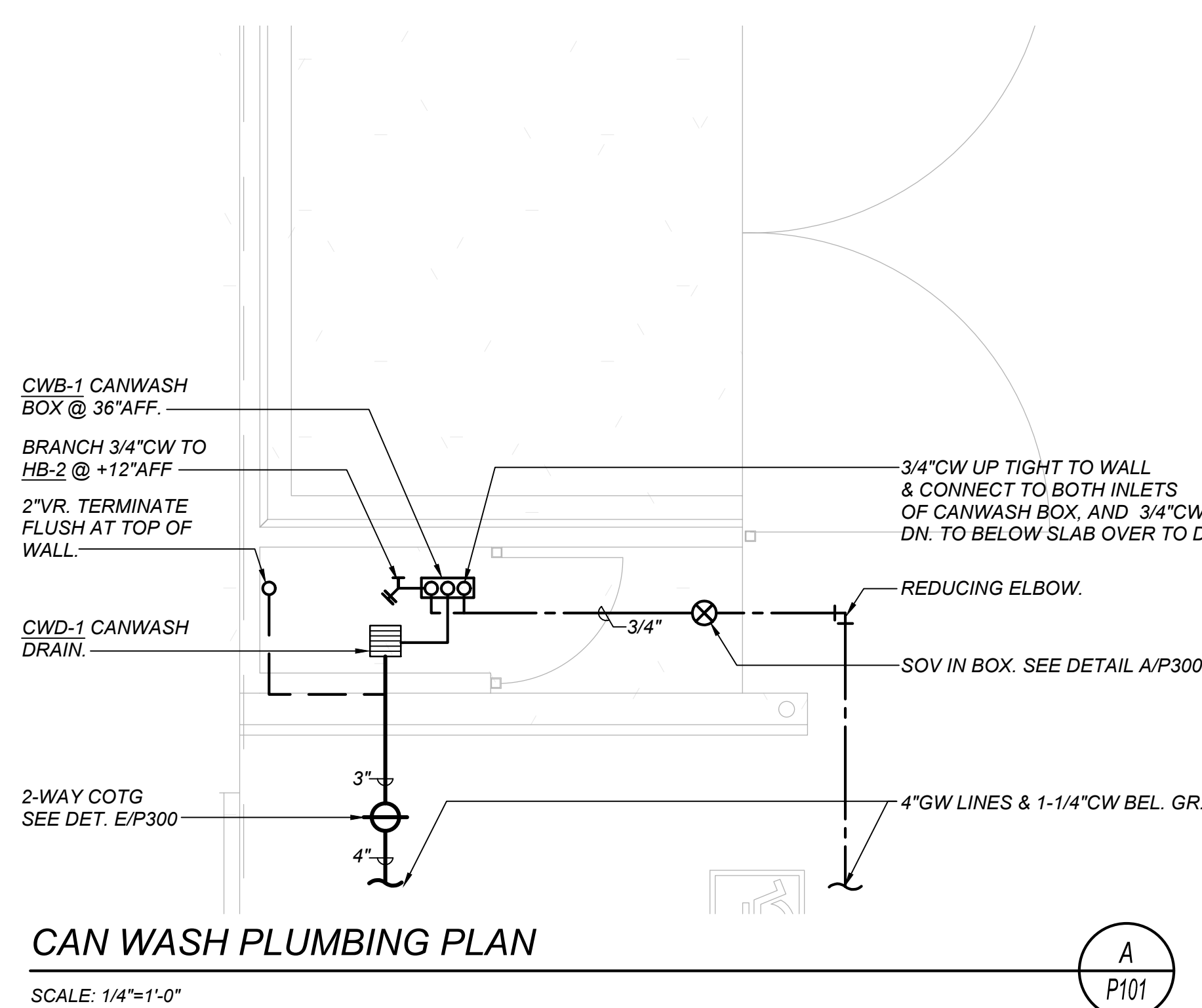


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SYMBOL	ITEM	ABBR
---	SOIL or WASTE	S or W
----	VENT	V
----	VENT RISER	VR
----	VENT THRU ROOF	VTR
----	DOMESTIC COLD WATER	CW
----	DOMESTIC HOT WATER	HW
----	DOMESTIC HOT WATER RETURN	HWR
---	LOW PRESSURE NATURAL GAS	G
---	HIGH PRESSURE GAS	HPG
---	LIQUIFIED PETROLEUM GAS	LPG
---	GAS SERVICE MAIN BY THE LOCAL GAS UTILITY	GSM
---	CONDENSATE DRAIN	CD
---	RAIN WATER LEADER	RWL
---	OVERFLOW DRAIN	OD
---	STORM DRAIN	SD
---	INDIRECT WASTE	IW
---	ACID WASTE	AW
---	ACID VENT	AV
---	ACID VENT RISER	AVR
---	ACID VENT THRU ROOF	AVTR
---	COMPRESSED AIR	A
---	OXYGEN	O ₂
---	VACUUM	VAC
---	MEDICAL AIR	MA
---	FIRE PROTECTION LINE	F
---	EXISTING PIPING (E)	(E)
---	EXISTING	(E)
---	NEW	(N)
---	ABOVE CEILING	ABV CLG
---	BELOW FLOOR	BEL FLR
---	BELOW GRADE	BEL GR
---	TYPICAL	TYP
---	CONTINUATION	CONT
---	DOWN	DN
---	FLOOR CLEANOUT	FCO
---	CLEANOUT TO GRADE	COTG
---	WALL CLEANOUT	WCO
---	PIPING TURN UP	
---	PIPING TURN DOWN	
---	POINT OF CONNECTION	POC
---	SHUT-OFF VALVE IN BOX	SOV
---	SHUT-OFF VALVE	SOV
---	SHUT-OFF VALVE IN RISER	
---	SHUT-OFF VALVE IN DROP	
---	GATE VALVE	
---	BUTTERFLY VALVE	
---	GLOBE VALVE	
---	CHECK VALVE	
---	PLUG VALVE	
---	BALL VALVE	
---	BALANCE COCK	
---	REDUCER	
---	MANHOLE	MH
---	FLOW LINE	FL
---	UNION	
---	RELIEF VALVE	
---	BALANCING VALVE	
---	PRESSURE GAUGE	
---	THERMOMETER	
---	FIRE HYDRANT	FH
---	POST INDICATOR VALVE	PIV
---	FIRE DEPT. CONNECTION	FDC
---	GREASE WASTE	GW

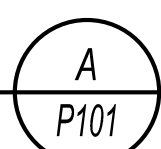
SENIOR CENTER BUILDING GAS DEMAND CALCULATION					
QUANTITY	EQUIPMENT	BTUH EACH	TOTAL MBH	BRANCH LENGTH	MINIMUM UNIT PIPE SIZE CONNECTION
1	WATER HEATER	125,000	125	290'	1-1/4"
1	WATER HEATER	150,000	150	140'	1-1/4"
1	HEATING-COOLING UNIT	40,000	40	160'	3/4"
3	HEATING-COOLING UNIT	60,000	180	140'	3/4" EACH
2	HEATING-COOLING UNIT	141,000	282	140'	1-1/4" EACH
1	HEATING-COOLING UNIT	176,000	176	160'	1-1/4"
2	HEATING-COOLING UNIT	220,000	440	180'	1-1/2" EACH
2	BOILER	500,000	1,000	100'	2" EACH
1	DOUBLE CONVECTION OVEN	230,000	230	135'	1-1/4"
1	GRIDDLE	90,000	90	135'	1"
1	RANGE WITH OVEN	227,000	227	135'	1-1/4"
1	STOCK POT STOVE	160,000	160	135'	1-1/4"
1	FUTURE LEASE SPACE STUB	300,000	300	150'	1-1/2"
GRAND TOTAL		3400 MBH	290'		4"
		3091 CFH			
LENGTH FROM GAS METER TO MOST REMOTE EQUIPMENT = 290'					
USE 300' COLUMN - Per Table 1216.2(1), 2019 CPC: 4" PIPE SIZE REQUIRED					
Gas Pressure = 7"WC					

TRANSIT BUILDING GAS DEMAND CALCULATION					
QUANTITY	EQUIPMENT	BTUH EACH	TOTAL MBH	PIPE SIZE	PIPE SIZE
1	HEATING-COOLING UNIT	141,000	141		1-1/4"
1	HEATING-COOLING UNIT	220,000	220		1-1/4"
GRAND TOTAL		361 MBH			1-1/2"
		328 CFH			
LENGTH FROM GAS METER TO MOST REMOTE EQUIPMENT = 90'					
Per Table 1216.2(1), 2019 CPC: 1-1/2" PIPE SIZE REQUIRED					
Gas Pressure = 7"WC					



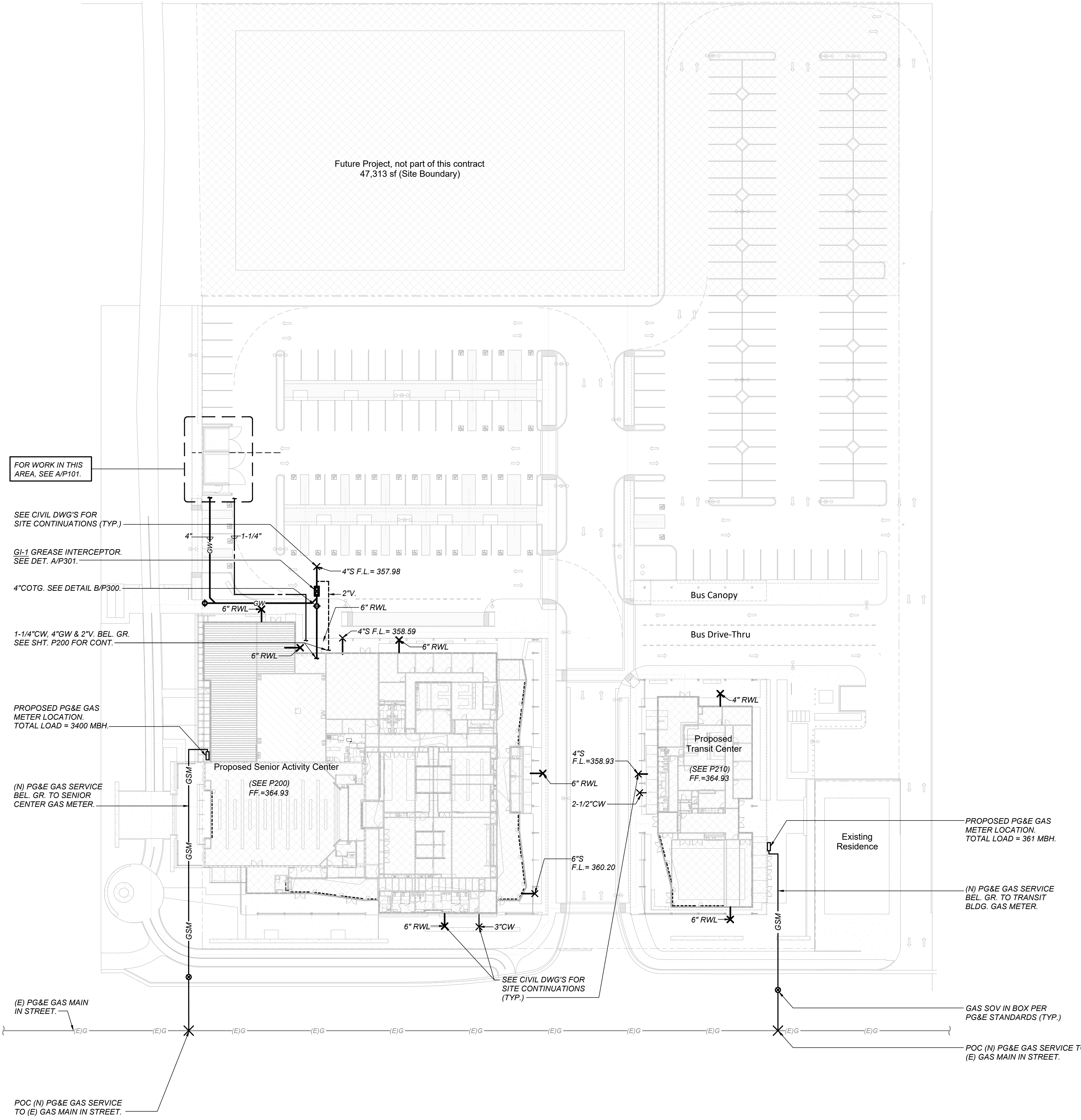
CAN WASH PLUMBING PLAN

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



PLUMBING SITE PLAN

1" = 30'-0"



- GENERAL NOTES**
- THE INTENT OF THE DRAWING AND SPECIFICATIONS IS TO CONSTRUCT THE BUILDING IN ACCORDANCE WITH THE 2019 EDITION OF THE CALIFORNIA CODE OF REGULATIONS, CHANGES TO THE STRUCTURAL ACCESSIBILITY OR FIRE AND LIFE-SAFETY PORTIONS OF THE APPROVED PLANS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR CONSTRUCTION CHANGE DOCUMENT AS REQUIRED IN SECTION 4-338, PART 1, TITLE 24, CCR, AND SHALL BE SUBMITTED TO AND APPROVED BY DSA PRIOR TO COMMENCEMENT OF THE WORK. DOCUMENTS SHALL BE PREPARED AND SUBMITTED TO DSA IN COMPLIANCE WITH DSA INTERPRETATION OF REGULATION 19.4.4.
 - LAYOUT OF MATERIALS, EQUIPMENT AND SYSTEMS IS GENERALLY DIAGRAMMATIC UNLESS SPECIFICALLY DIMENSIONED. SOME WORK MAY BE SHOWN OFFSET FOR CLARITY. THE HVAC BUILDING PLANS HAVE BEEN PREPARED TO MATCH THE ARCHITECTURAL PLANS. IF DIFFERENCES OCCUR, THE ARCHITECTURAL PLANS ARE TO TAKE PRECEDENCE. THE ACTUAL LOCATIONS OF ALL MATERIALS, PIPING, DUCTWORK, FIXTURES, EQUIPMENT, SUPPORTS, ETC. SHALL BE CAREFULLY PLANNED, PRIOR TO INSTALLATION OF ANY WORK, TO AVOID ALL INTERFERENCE WITH EACH OTHER, OR WITH STRUCTURAL, ELECTRICAL, ARCHITECTURAL, OR OTHER ELEMENTS. ALL DUCT AND PIPE OFFSET ELBOWS FOR COORDINATION BETWEEN TRADES ARE NOT SHOWN. CONTRACTOR SHALL INCLUDE SUFFICIENT FUNDS FOR THE COORDINATION OFFSETS IN THE BID. VERIFY THE PROPER VOLTAGE AND PHASE OF ALL EQUIPMENT WITH THE ELECTRICAL PLANS. ALL CONFLICTS SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT AND THE ENGINEER PRIOR TO THE INSTALLATION OF ANY WORK OR THE ORDERING OF ANY EQUIPMENT.
 - WHEN INSTALLING DRILLED-IN ANCHORS AND/OR POWDER-DRIVEN PINS IN EXISTING NON-PRESTRESSED CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS. WHEN INSTALLING THEM INTO EXISTING PRESTRESSED CONCRETE (PIEDS OR POST-TENSIONED), LOCATE THE PRESTRESSED TENDONS BY USING A NON-DESTRUCTIVE METHOD PRIOR TO INSTALLATION. EXERCISE EXTREME CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE TENDONS DURING INSTALLATION. MAINTAIN A MINIMUM CLEARANCE OF ONE INCH BETWEEN THE REINFORCEMENT AND THE DRILLED-IN ANCHOR AND/OR PIN.
 - ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE THERE IS NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS DESCRIBED IN THE 2019 CBC, SECTIONS 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 UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.
 - MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.
 THE ATTACHMENT OF THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.
 - COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
 - COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 20 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.
 FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.
 - PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE:

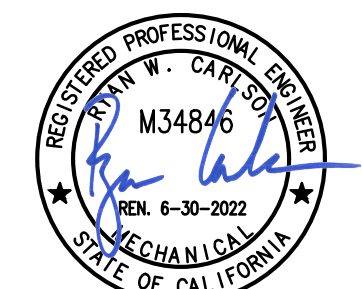
PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-10 SECTION 13.3.4.5 DEFINED IN ASCE 7-10 SECTION 13.6.8, 13.6.7, 13.6.5.6, AND 2019 CBC, SECTIONS 1616A.1.23, 1616A.1.24, 1616A.1.25, 1616A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PRE-APPROVED INSTALLATION GUIDE (E.G. SMACNA OR OSHPD OPM), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOB SITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGERS AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP):

MP/ MD/ PP □ OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.

MP/ MD/ PP □ OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL MASON WEST OPM 0004-13.
 - PENETRATIONS THROUGH FIRE RATED WALLS, FLOOR/CEILING, AND ROOF/CEILING ASSEMBLIES SHALL BE SEALED USING AN APPROVED SYSTEM CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN SUBJECT TO THE REQUIREMENTS OF THE TEST STANDARD SPECIFIC TO FIRE STOPS PER 2016 CBC SECTION 714. THIS INCLUDES EXISTING PIPE AND CONDUIT THROUGH NEW ASSEMBLIES. CUSTOM DESIGNED SYSTEMS WHICH COMBINE COMPONENTS FROM DIFFERENT APPROVED SYSTEMS BUT HAVE NOT BEEN TESTED AS A COMPLETE ASSEMBLY WILL NOT BE ACCEPTABLE FOR FIRE STOPS FOR PIPE PENETRATIONS. SEE SPECIFICATIONS.
 - DUCTWORK SIZES SHOWN ARE INSIDE CLEAR DIMENSIONS, WHERE ACOUSTIC LINING IS SHOWN, INCREASE EACH SHEET METAL DIMENSION TO ACCOMMODATE LINING & MAINTAIN CLEAR INSIDE DUCT DIMENSIONS SHOWN.
 - ISA DUCTWORK FOR VAV SYSTEMS SHALL BE 5" UPSTREAM OF BOXES AND 1" DOWNSTREAM OF BOXES. AND ISA DUCTWORK SHALL BE 1" PRESSURE CLASS AND RA & EA DUCTWORK SHALL 1" PRESSURE CLASS UNLESS OTHERWISE NOTED.
 - A DSA CERTIFIED PROJECT INSPECTOR (CLASS 3) EMPLOYED BY THE DISTRICT & APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-338 PART 1, TITLE 24, CCR.
 - A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.



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

SHEET: Plumbing Site 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

PROJECT NUMBER: 2016-39

SHEET NUMBER: ADI-P101

GENERAL NOTES:

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3M Fire Protection Products
3M™ Fire Barrier Duct Wrap 615+

Applications	3M™ Fire Barrier Duct Wrap 615+ is an ideal fire resistive enclosure for commercial kitchen grease ducts and ventilation air ducts. It is a proven performance alternative to a 1- or 2-hour fire-resistive rated shaft enclosures for grease ducts and provides zero clearance to combustible construction throughout the entire enclosure system. 3M™ Fire Barrier Water Tight Sealant 1000 NS, 3M™ Fire Barrier Water Tight Sealant 1003 S, or 3M™ Fire Barrier Silicone Sealant 2000+ is used in combination with 3M™ Fire Barrier Duct Wrap 615+ to firestop the duct when the duct penetrates fire-rated floor or wall assemblies. 3M™ Fire Barrier Duct Wrap 615+ also provides a firestop solution where a T-rising is required for penetrations located outside wall cavities or outside fire-resistance rated shaft enclosures.
Two-layer grease duct applications: 3M™ Fire Barrier Duct Wrap 615+ meets the criteria of ASTM E2336 Standard Test Methods for Fire Resistive Grease Duct Enclosure Systems.	
Single-layer air duct applications: 3M™ Fire Barrier Duct Wrap 615+ has passed ISO 6944-1995 Fire Resistance Tests - Ventilation Ducts.	
T-rising for metallic through-penetrations items: 3M™ Fire Barrier Duct Wrap 615+ is used in conjunction with 3M Fire Barrier sealants to achieve up to 2-hour equal F & T-ratings in ASTM E814 (UL 1479) tested through-penetrations.	

Installation Techniques: Consult a 3M Authorized Fire Protection Products Distributor Sales Representative for applicable UL, IBC, Intertek or other third party drawings and system details.

Installation Details: Tested and listed system details must be followed for each specific application. System examples are listed below:

Grease Duct Listings - ASTM E2336 / ICC-ES AC101

Fire Resistive Rating	Enclosure System	Third-Party Testing Services Design Listing	Description
1 and 2 hour	2 Layers of 3M™ Fire Barrier Duct Wrap 615+	ICC-ES ESR-1555 Intertek 3M/FRD 120-18 Intertek 3M/FRD 120-19	Rectangular Rectangular Round

Ventilation Duct Listings - ISO 6944 Type A

Fire Resistive Rating	Enclosure System	Third-Party Testing Services Design Listing	Description
1 and 2 hour	1 Layer of 3M™ Fire Barrier Duct Wrap 615+	Intertek 3M/VD 60-01 UL HNLJV-27 Intertek 3M/VD 120-01	Rect. & Round (1 Hour) Rectangular (2 Hour) Rect. & Round (2 Hour)

Through Penetration T-Ratings - ASTM E814 (UL 1479)

Protected Item	UL System	F & T Rating
Floor Sink	F-A-1180	2 Hour
Metal Pipe	F-A-1057	2 Hour

Maintenance: No maintenance is expected when installed in accordance with the applicable Intertek, UL, or other third-party listed system and in accordance with 3M™ Fire Barrier Duct Wrap 615+ installation Guidelines. Once installed, if any section of the 3M™ Fire Barrier Duct Wrap 615+ is damaged such that the blanket requires repair, the following procedure will apply:

- If the blanket has not been damaged but the foil has ripped, seal the rips with aluminum foil tape.
- If the blanket has been damaged:
 - The damaged section should be removed by cutting the steel banding or removing the clips holding it in place.
 - A new section of the same dimension should be cut from a roll of 3M™ Fire Barrier Duct Wrap 615+, either 24" (603mm) or 48" (1219mm) wide.
 - The new section should be placed and fitted ensuring the same overlap that existed previously (i.e. the original installation method).
 - The steel banding should be placed around the material and tensioned so as to sufficiently hold the 3M™ Fire Barrier Duct Wrap 615+ in place.

Performance and Typical Physical Properties

Blanket Color	Aluminum with Black Text
Blanket Weight	0.9 lbs./ft ² (4.38 kg/m ²)
Surface Burning Characteristics (ASTM E84)	Fold Encapsulated Blanket: Flame Spread Index: 0 Smoke Developed Value: 0
Thermal Conductivity	Temperature: 75 °F (23 °C) R = 1.15 500°F (260°C) R = 0.95 1000°F (537°C) R = 0.75 1500°F (816°C) R = 0.58 1800°F (982°C) R = 0.43 2000°F (1093°C) R = 0.43
Linear Shrinkage (24 Hour @ 202°F (90°C))	1.2%
Moisture Reduction Coefficient (ASTM C629)	0.80
Mold and Mildew Resistance (ASTM C1338)	Devoid of growth

GRILLE SCHEDULE		
MARK	DUTY	DESCRIPTION
(A)	CEILING SUPPLY	TITUS TDC (TYPE 3) FULL LOUVER FACE, ROUND OR RECTANGULAR NECK DIFFUSER FOR STD. LAY-IN CEILING WITH NO. 26 WHITE FINISH. (18"x18" NECK, ADAPTER SIZE SHOWN)
(B)	CEILING SUPPLY	TITUS TDC (TYPE 1) LOUVER FACE SQUARE OR RECTANGULAR NECK DIFFUSER FOR SURFACE MOUNTING WITH NO. 26 WHITE FINISH.
(C)	WALL SUPPLY	TITUS MODEL 1700 REGISTER WITH REMOVABLE CORE, 5 DEGREE UPWARD DEFLECTION AND NO. 26 WHITE FINISH.
(D)	WALL SUPPLY	TITUS CT-540 (FRAME TYPE A1) LINEAR BAR DIFFUSER WITH 1/4" BARS AT 1/2" SPACING AND 0° DEFLECTION AND NO. 26 WHITE FINISH.
(E)	WALL SUPPLY	TITUS CT-580 (FRAME TYPE A1) LINEAR BAR DIFFUSER WITH 1/8" BARS AT 1/4" SPACING AND 0° DEFLECTION AND NO. 26 WHITE FINISH.
(F)	DRUM LOUVER	TITUS MODEL DSL VACUUM DRUM COVER DIFFUSER ADJUSTABLE DEFLECTION FOR SURFACE MOUNTING WITH NO. 26 WHITE FINISH.
(G)	CEILING RETURN OR EXHAUST	TITUS CORE 50F (TYPE 3) ALUMINUM EGG CRATE REGISTER WITH 1/2"x1/2" GRID FOR STD. LAY-IN CEILING WITH NO. 26 WHITE FINISH.
(H)	CEILING RETURN OR EXHAUST	TITUS CORE 50F (TYPE 1) ALUMINUM EGG CRATE REGISTER WITH 1/2"x1/2" GRID FOR SURFACE MOUNTING WITH NO. 26 WHITE FINISH.
(J)	WALL RETURN	TITUS CORE 3FL (TYPE 1) ALUMINUM REGISTER BOARDER TYPE 1 WITH NO. 26 WHITE FINISH.
(K)	WALL RETURN (HEAVY DUTY)	TITUS CORE 33R HEAVY DUTY GRILLE WITH NO. 26 WHITE FINISH, BLADES PARALLEL TO FLOOR.
(L)	WALL RETURN	TITUS MODEL 1700 REGISTER WITH REMOVABLE CORE, 5 DEGREE UPWARD DEFLECTION AND NO. 26 WHITE FINISH.
(M)	WALL RETURN	TITUS MODEL 63FS STEEL RETURN GRILLE WITH 30° DEFLECTION BLADES AT 1/2" SPACING AND NO. 26 WHITE FINISH.
(N)	DUCT SUPPLY	TITUS MODEL S300FL DIRECT SPIRAL DUCT MOUNTED, FRONT 3/4" LOUVER SPACING, 1-3/8" WIDE FRAME, AND NO. 26 WHITE FINISH. CONTOUR TO MATCH DUCT RADIUS.

KITCHEN HOOD SCHEDULE	
DESIGNATION	(KH 1)
DIMENSIONS (IN. x IN.)	168x60
HOOD MATERIAL	304 S.S.
CFM	4200 (2)
DUCT CONN. NO./SIZE	1) 14"Ø 1) 16"Ø (1)
FILTER QUANTITY	8 / 2
FILTER SIZE	16x20 / 20x20
TYPE	X-TRACTOR
PRESSURE DROP (IN WC)	.93
CFM	3,500 (2)
DUCT CONN. NO./SIZE	4 / 24x4
PRESSURE DROP (IN WC)	.34
MANUFACTURER	GREENHECK
TYPE	TYPE 1
MODEL NUMBER	GXEW-168.00S
SERVICE	KIT.
OPER. WT. (LB.)	560
ACCESSORIES	(3)

- DUCT VELOCITY IS OVER 1500 FPM
- KH-1 HOOD EXHAUST = 4,200 CFM HOOD MAKE-UP AT BACK SUPPLY PLENUM = 3,500 CFM 4,200-3,500 = 700 CFM MAKE-UP FROM ROOM OF HC-7.
- UTILITY CABINET AT RIGHT END, FULL LENGTH S.S. BACK SUPPLY PLENUM.

INDOOR UNIT SCHEDULE		
DESIGNATION	(HU 1) THRU (HU 5)	
CFM	380	
ESP (IN WC)	0	
MIN OSA	0	
HP/AMPS	- / 1	
VOLTS/PHASE	208 / 1	
DRIVE	DIRECT	
SENSIBLE (MBH)	10.5	
TOTAL (MBH)	11.0	
EADB/EAWB (°F)	80 / 67	
REFRIGERANT	R-410A	
CAPACITY (MBH)	-	
EADB / EAWB (°F)	-	
QUANTITY/SIZE	- / -	
TYPE	WASHABLE	
PD (IN WC)	-	
MANUFACTURER	MTSUBUSHI	
TYPE	HIGH WALL	
MODEL NUMBER	PKA-A12HA7	
SERVICE	DATA	
OPER WT (LBS)	30	
ACCESSORIES	(1)	

- WALL BRACKET FOR CONTROLLER, COND. PUMP.

SUPPLY FAN SCHEDULE	
DESIGNATION	(SF 1)
CFM	3500
ESP (IN WC)	0.7
HP/WATTS/BHP	2 / - / 1.36
VOLTS/PHASE	460 / 3
RPM	1515
TIP SPEED/SONES	20
DRIVE	DIRECT
MOUNTING	ROOF
MANUFACTURER	GREENHECK
TYPE	UNTEMPERED
MODEL NUMBER	MSF-P117-H30-VG
CONTROL	I.L. w/EF-5
SERVICE	KH-1
OPER. WT. (LBS)	220
ACCESSORIES	-

- DUCT VELOCITY IS OVER 1500 FPM
- KH-1 HOOD EXHAUST = 4,200 CFM HOOD MAKE-UP AT BACK SUPPLY PLENUM = 3,500 CFM 4,200-3,500 = 700 CFM MAKE-UP FROM ROOM OF HC-7.
- UTILITY CABINET AT RIGHT END, FULL LENGTH S.S. BACK SUPPLY PLENUM.

OUTDOOR UNIT SCHEDULE		
DESIGNATION	(HU 1) THRU (HU 5)	
NAMEPLATE AMPS	11.0	
VOLTS/PHASE	208 / 1	
MOCP	30	
SEER/COOP AT ARI	20.8 / -	
COOLING CAP (MBH)	11.0	
HEATING CAP (MBH)	-	
AMBIENT (°F)	105	
REFRIGERANT	R-410A	
MANUFACTURER	MTSUBUSHI	
TYPE	AIR COOLED	
MODEL NUMBER	PUY-A12MKA7	
SERVICE	DATA	
OPER WT (LBS)	100	
LIQ. LINE IN O.D.	3/8	
SUCT. LINE IN O.D.	5/8	
ACCESSORIES	-	

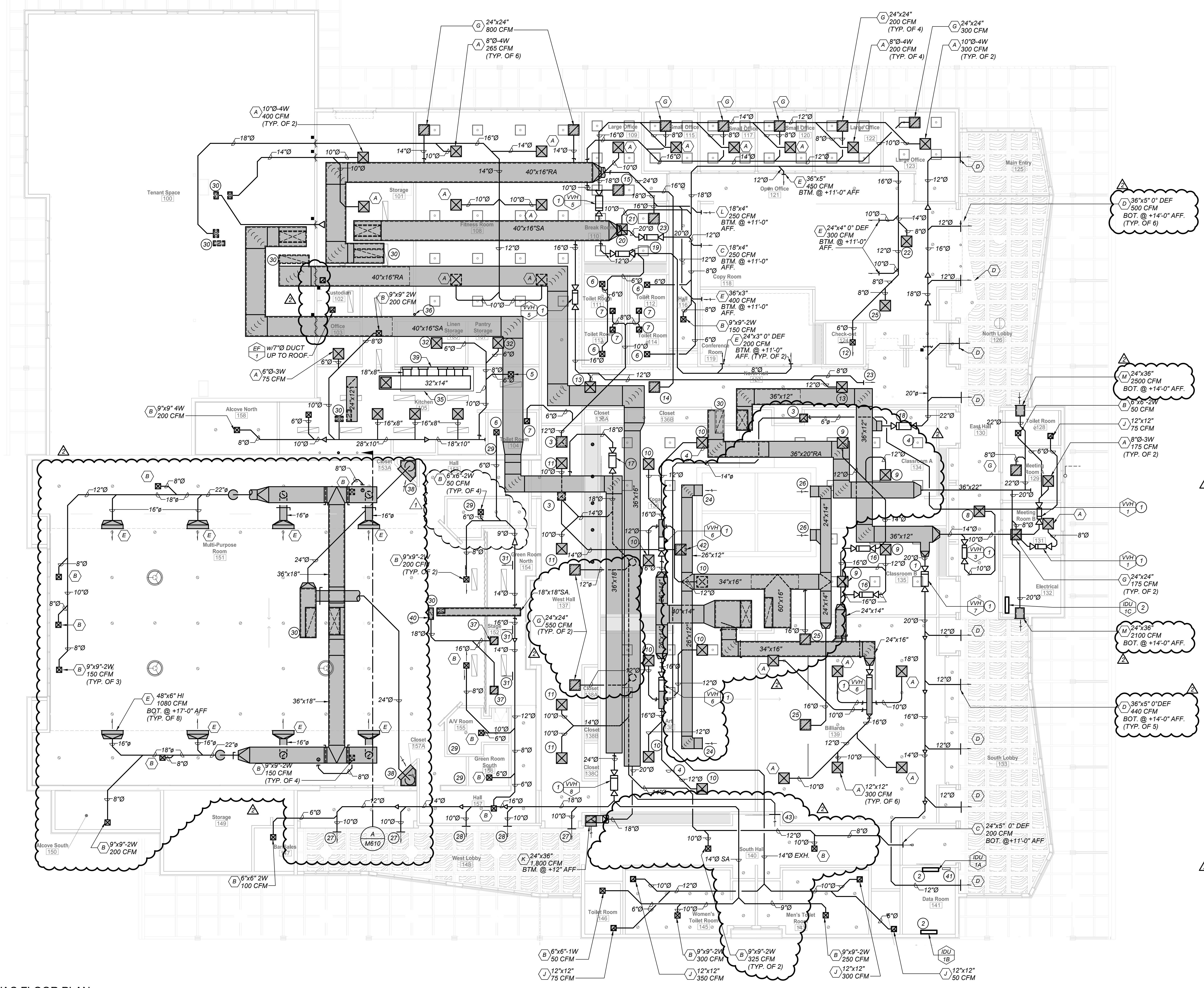
PACKAGE AIR CONDITIONING UNIT SCHEDULE								
DESIGNATION	(HC 1)	(HC 2)	(HC 3)	(HC 4) THRU (HC 6)	(HC 5)	(HC 6) THRU (HC 8)	(HC 7)	(HC 8)
MCA	19.4	11	14	48	43	72	22	
MAX FUSE SIZE	30	15	20	60	60	80	25	
VOLTS/PHASE	208 / 1	460 / 3	460 / 3	460 / 3	460 / 3	460 / 3	460 / 3	
EER/SEER AT ARI	- / 15.0	- / 16.4	- /	12.4 / -	12.5 / -	12.0 / -	13.0 / -	
CFM	750	1600	2000 (4)	4000 / 5000	6000	8000	2400	
DUCT SP (IN WC)	7	.8	.8	1.5 / 1.5 / 1.0	1.5	1.5 / 1.0 / 1.5	1.0	
MIN. OSA (CFM) MIN/MAX	100 / 100	250 / 250	150 / 500	(5)	225 / 1250	(5)	700	
HP/SPEED/BHP	1/2 / H / 1.36	1.0 / - / .96	1.5 / - / 1.48	3.0 / - / 1.73	5.0 / - / 4.46	7.5 / - / 6.33	1.5 / - / 1.25	
DRIVE	DIRECT	BELT	BELT	BELT	BELT	BELT	BELT	
SENSIBLE (MBH)	18.0	35.7	45.7	112.6	136.3	206.1	62.8	
TOTAL (MBH)	20.0	38.5	50.6	121.1	149.2	224.0	63.9	
EADB/EAWB (°F)	80 / 64	80 / 64	80 / 64	80 / 64	80 / 64	80 / 64	82.9 / 64.7	
AMBIENT (°F)	105	105	105	105	105	105	105	
REFRIGERANT	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	
INPUT (MBH)	40.0	60.0	60.0	141.0	176.0	220.0	72.0	
OUTPUT (MBH)	33.0	49.0	49.0	114.0	142.0	178.0	59.0	
FUEL	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	NATURAL GAS	
QUANTITY/SIZE	1 / 20x20x20	4 / 16x16x2	4 / 16x16x2	6 / 20x25x2	9 / 16x25x2	9 / 16x25x2	4 / 20x20x2	
TYPE	AP13	AP13	AP13	AP13	AP13	AP13	AP13	
PD (IN WC)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
EFFICIENCY (MERV)	13	13	13	13	13	13	13	
MANUFACTURER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	
TYPE	GAS / ELECTRIC	GAS / ELECTRIC	GAS / ELECTRIC	GAS / ELECTRIC	GAS / ELECTRIC	GAS / ELECTRIC	GAS / ELECTRIC	
MODEL NUMBER	48VGNB24	48LCLD05A2	48LCLD06A2	48LCLD014A2	48LCLD017A3	48LCLD024A3	48LCLD007A2	
SERVICE	PLAN	PLAN	PLAN	PLAN	PLAN	PLAN	KITCHEN	
OPER. WT. (LBS)	260	360	360	2400	2700	3900	1475	
ACCESSORIES	(1) (6)	(2) (6)	(2) (6)	(3) (4) (6)	(3) (4) (6)	(3) (4) (6)	(2) (6)	

- OSA INTAKE w/LOCKING QUADRANT.
- PROVIDE FULLY MODULATING ECONOMIZER w/ MODULATING EXHAUST REQUIRES SEPERATE POWER CONNECTION 460/3Ø; 3.2 MCA INTERNAL FUSE BLOCK, UV-C LIGHTS FACTORY INSTALLED, FIELD WIRED, SEE DETAIL JM102.
- FULLY MODULATING ECONOMIZER w/ MODULATING EXHAUST, UV-C LIGHTS.
- CO2 SENSOR TO CONTROL DEMAND CONTROL VENTILATION, THIS SENSOR TO WORK IN CONJUNCTION w/ ROOM OCCUPANCY SENSOR, SEE PLAN FOR LOCATION. HC-3B, 4A, 4B, 4C, 5, 6A, 6B, & 6C, SEE PLAN FOR LOCATION.
- MIN. / MAX. OSA = HC-4A 100 / 725 CFM, HC-4B = 305 / 1,010 CFM, HC-4C = 550 / 1,665 CFM, HC-6A = 770 / 2525 CFM, HC-6B = 800 / 3,070 CFM, HC-6C = 650 / 1,815 CFM.
- PROVIDE GLOBAL PLASMA SOLUTIONS GPS-FC4BAC, EXCEPT FOR HC-6A, 6B&6C USE GPS-MOD STRIPS, PROVIDE ALL REQUIRED HARDWARE CONTROLS ETC., INSTALL PER MANUF. INSTALLATION INSTRUCTIONS. (NO EXCEPTIONS TAKEN)

VARIABLE VOLUME BOX W/HEATING COIL SCHEDULE								
DESIGNATION	(VH 1)	(VH 2)	(VH 3)	(VH 4)	(VH 5)	(VH 6)	(VH 7)	(VH 8)
CFM (MAX/MIN)	200/30	350/40	650/70	1320/145	2000/190	2700/300	3600/385	4500/720
INLET PRESS (IN WC)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
INTERNAL PD (IN WC)	0.12	0.17	0.52	0.62	0.75	0.71	0.73	0.51
MAX NC	29	30	28	29	31	30	30	44
HEATING CAP (MBH)	7.5	9.5	21.2	36.6	57.1	81.8	103.5	135.8
FIN HTX/LNG/THROWS	8"x12"/2	8"x12"/2	10"x12"/2	12-1/2"x14"/2	15"x16"/2	17-1/2"x20"/2	18"x24"/2	18"x36"/2
EAT/LAT (F)	60.0/94.7	60.0/85.1	60.0/90.2	60.0/86.1	60.0/86.4	60.0/86.6	60.0/86.6	60.0/88.0
EWTLWT (F)	180.0/165.0	180.0/161.0	180.0/137.6	180.0/143.4	180.0/141.9	180.0/139.1	180.0/138.6	180.0/125.7
GPMP/D (F)	1.0/0.5	1.0/0.5	1.0/0.2	2.0/0.5	3.0/1.1	4.0/1.2	5.0/1.1	5.0/1.3

1 2 3 4 5 6 7 8 9 10 11 12

SM
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- KEYNOTES: (THIS SHEET ONLY)**
- 1 VAV BOX W/ REHEAT COIL. REFER TO SHEET M201 FOR ADDITIONAL INFO. SEE DETAIL BM101 FOR HANGING.
 - 2 IDU UNIT HIGH ON WALL. POWER FROM ODU ON ROOF. SEE DETAIL GM101.
 - 3 EXHAUST DUCT RISER TO EF ON ROOF.
 - 4 NOT USED.
 - 5 6" x 6" - 4W 100 CFM
 - 6 6" x 6" - 2W 50 CFM
 - 7 12" x 12" 75 CFM
 - 8 10" x 2" - 2W 400 CFM
 - 9 14" x 4" - 4W 500 CFM
 - 10 14" x 4" - 4W 500 CFM
 - 11 12" x 2" - 2W 350 CFM
 - 12 6" x 6" - 3W 75 CFM
 - 13 10" x 2" - 2W 330 CFM
 - 14 24" x 24" 1200 CFM
 - 15 24" x 24" 300 CFM
 - 16 VVH 1
 - 17 VVH 1
 - 18 VVH 1
 - 19 VVH 1
 - 20 VVH 1
 - 21 10" x 4" - 4W 300 CFM
 - 22 8" x 3" - 3W 150 CFM
 - 23 24" x 24" 1000 CFM
 - 24 36" x 18" 2000 CFM BTM @ +13'-0" AFF
 - 25 24" x 24" 1000 CFM
 - 26 24" x 12" 1000 CFM BTM @ +13'-0" AFF
 - 27 36" x 4" 0" DEF 400 CFM TOP @ +14'-0" AFF
 - 28 36" x 4" 0" DEF 475 CFM TOP @ +14'-0" AFF
 - 29 UNDERCUT DOOR 1" SEE ARCHITECTURAL
 - 30 SA & RA DUCT DROPS FROM UNITS ON ROOF. SEE SHT. M600 FOR CONTINUATION.
 - 31 24" x 6" - 4S DEF. 465 CFM
 - 32 6" x 4" - 4W 100 CFM
 - 33 NOT USED.
 - 34 NOT USED.
 - 35 KH-1. SEE DETAIL JM101. A PERFORMANCE TEST SHALL BE CONDUCTED UPON COMPLETION AND BEFORE FINAL APPROVAL IN ACCORDANCE WITH THE 2019 CMC SECT. 511.2.2.1. THE PERMIT HOLDER SHALL VERIFY CAPTURE & CONTAINMENT PERFORMANCE OF HOOD IN COMPLIANCE WITH THE 2019 CMC SECT. 511.2.2.2.
 - 36 4" DRYER VENT RISE IN WALL AND OFFSET IN ATTIC. SEE SHEET M600 FOR CONT.
 - 37 18" x 18" 1,000 CFM
 - 38 36" x 36" 3800 CFM BOT. @ +10'-0" AFF (TYP. OF 2)
 - 39 SEE DETAIL KM102 FOR ENLARGED PLAN OF KITCHEN HOOD LAYOUT.
 - 40 ENLARGE DUCT TO ACCEPT 18" ORA DUCT.
 - 41 BUILDING EMS PANEL. POWER & SIGNAL. COORDINATE PANEL LOCATION W/ELECTRICAL.
 - 42 24" x 24" 675 CFM
 - 43 24" x 18" 600 CFM TOP @ +14'-0" AFF

PROJECT:

Clovis Landmark Square Senior Activity Center and Transit Center

735 Third Street, Clovis, CA 93612

SHEET: HVAC Floor 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

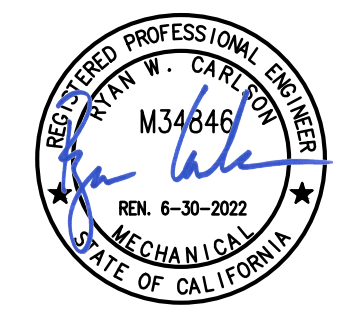
PROJECT NUMBER: 2016-39
SHEET NUMBER: AD1-M200

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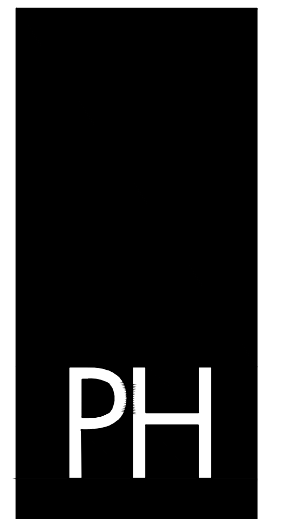
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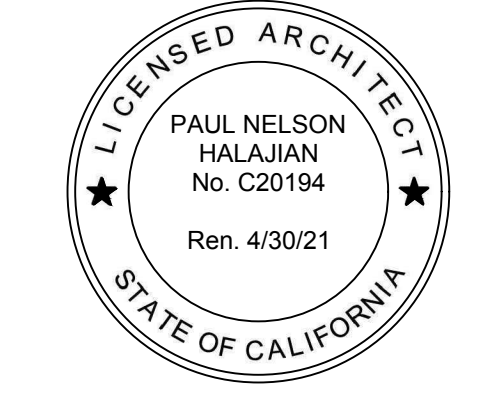


HVAC FLOOR PLAN
1/8" = 1'-0"

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

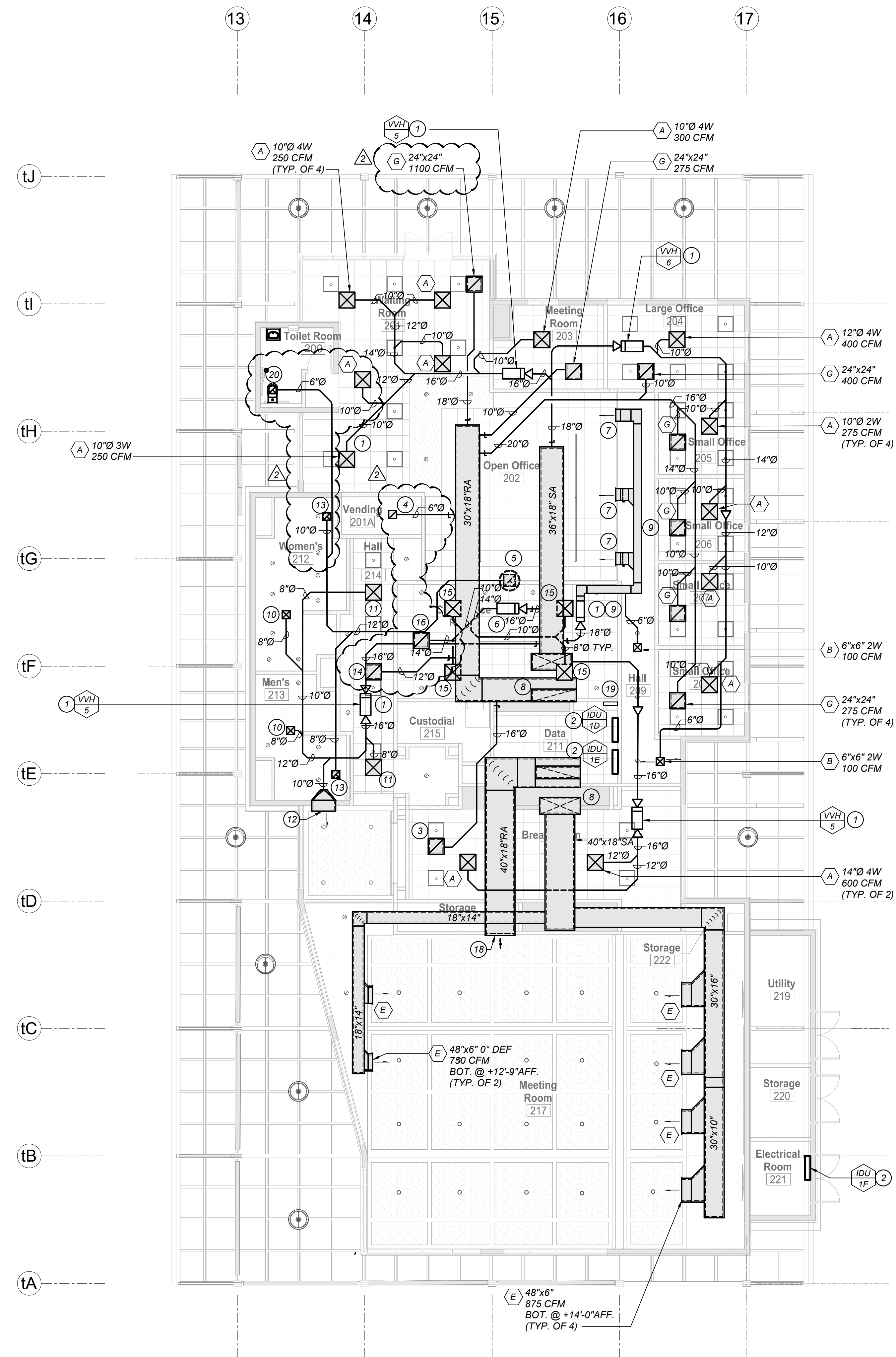
SHEET: HVAC Floor Plan

KEYNOTES: (THIS SHEET ONLY)

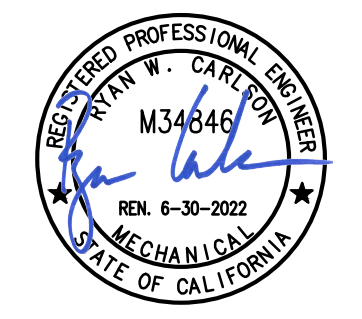
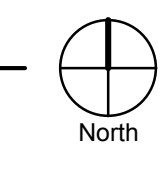
- 1 VAV BOX W/ REHEAT COIL. FOR ADDITIONAL INFORMATION REFER TO SHEET M610. SEE DETAIL BM101 FOR HANGING.
- 2 INDOOR UNIT HIGH ON WALL. POWER FROM ODU ON ROOF. SEE DETAIL G/M101.
- 3 24"x24" 1200 CFM
- 4 12"x12" 100 CFM
- 5 EXHAUST DUCT DROP FROM ROOF EXHAUST FAN SEE SHEET M610.
- 6 VVH 1
- 7 24"x5" 22" DEF 465 CFM BTM. @ +11'-0" AFF.
- 8 SA & RA DUCT DROPS FROM H/C UNIT ON ROOF. SEE SHEET M610 FOR CONTINUATION.
- 9 24"x12" SA DUCT.
- 10 9"x9" 2W 175 CFM
- 11 8"x8" 2W 200 CFM
- 12 36"x4" HI 250 CFM BOT. @ +11'-0" AFF.
- 13 12"x12" 200 CFM
- 14 24"x24" 600 CFM
- 15 8"x8" 2W 200 CFM
- 16 24"x24" 800 CFM
- 17 NOT USED.
- 18 RA DUCT OPEN TO ATTIC SPACE ABOVE CEILING. PROVIDE 1/2" GALV. BIRD SCREEN AT OPENING.
- 19 EMS BUILDING PANEL POWER & SIGNAL COORDINATE LOCATION W/ELECTRICAL.
- 20 12"x12" 75 CFM

AIR CONDITIONING LEGEND		
SYMBOL	ITEM	ABBR
	ROUND DUCT	RD
	FLAT OVAL DUCT	FO
	SHEET METAL DUCT	SM
	ACOUSTIC LINING FOR DUCT OR GRILLES	(L)
	DUCT WEAT INSULATION & GALV. SM SUNSHIELD	—
	SUPPLY AIR DUCT DROP	—
	RETURN AIR DUCT DROP	—
	EXHAUST DUCT AIR DROP	—
	SUPPLY AIR DUCT RISE	—
	RETURN AIR DUCT RISE	—
	EXHAUST AIR DUCT RISE	—
	TURNING VANES	TV
	EXTRACTOR	—
	VOLUME CONTROL DAMPER W/ LOCKING QUADRANT	VCD
	OPPOSED BLADE DAMPER	OBD
	BACKDRAFT DAMPER	BDD
	VOLUME CONTROL DAMPER W/ REMOTE REGULATOR	VCR
	FIRE/SMOKE DAMPER WITH ACCESS PANEL	FSD
	CUBIC FEET OF AIR PER MINUTE	CFM
	EMS MOTORIZED DUCT DAMPER/PIPE VALVE ACTUATOR	—
	THERMOSTAT @ 4'-0" TOP OF BOX	TSTAT
	EMS TEMPERATURE SENSOR @ 4'-0" TOP OF BOX	—
	EMS CO2 SENSOR @ 4'-0" TOP OF BOX	CO2
	DIRECTION OF FLOW	—
	SUPPLY AIR	SA
	RETURN AIR	RA
	EXHAUST AIR	EA
	OUTSIDE AIR	OSA
	PIPE/DUCT TURN DOWN	—
	PIPE/DUCT TURN UP	—
	POINT OF CONNECTION	POC
	EXISTING (DESIGNATED)	(E)
	NEW (DESIGNATED)	(N)
	DUCT SMOKE DETECTOR	SD

AIR CONDITIONING LEGEND		
SYMBOL	ITEM	ABBR
	HOT WATER SUPPLY	HWS
	HOT WATER RETURN	HWR
	DRAIN	D
	CONDENSATE DRAIN	CD
	BALL VALVE	—
	BUTTERFLY VALVE	—
	GLOBE VALVE	—
	CHECK VALVE	—
	GATE VALVE	—
	PLUG VALVE	—
	BALANCE COCK	—
	PRESSURE RELIEF VALVE	PRV
	UNION	—
	INSTRUMENT WELL	—
	FLOW SWITCH	FS
	STRAINER	—
	FLEXIBLE CONNECTION	FLEX
	REDUCER OR INCREASER	—
	NEW (DESIGNATED)	(N)
	ABOVE GRADE	AG
	BELOW GRADE	BG
	REFRIGERANT LIQUID	RL
	REFRIGERANT SUCTION	RS
	ENERGY MANAGEMENT SYSTEM CABLE IN CONDUIT	EMS



HVAC FLOOR PLAN - TRANSIT CENTER
 1/8" = 1'-0"



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DRAWING SET INFORMATION:

06/19/2020	Plan Check Submittal
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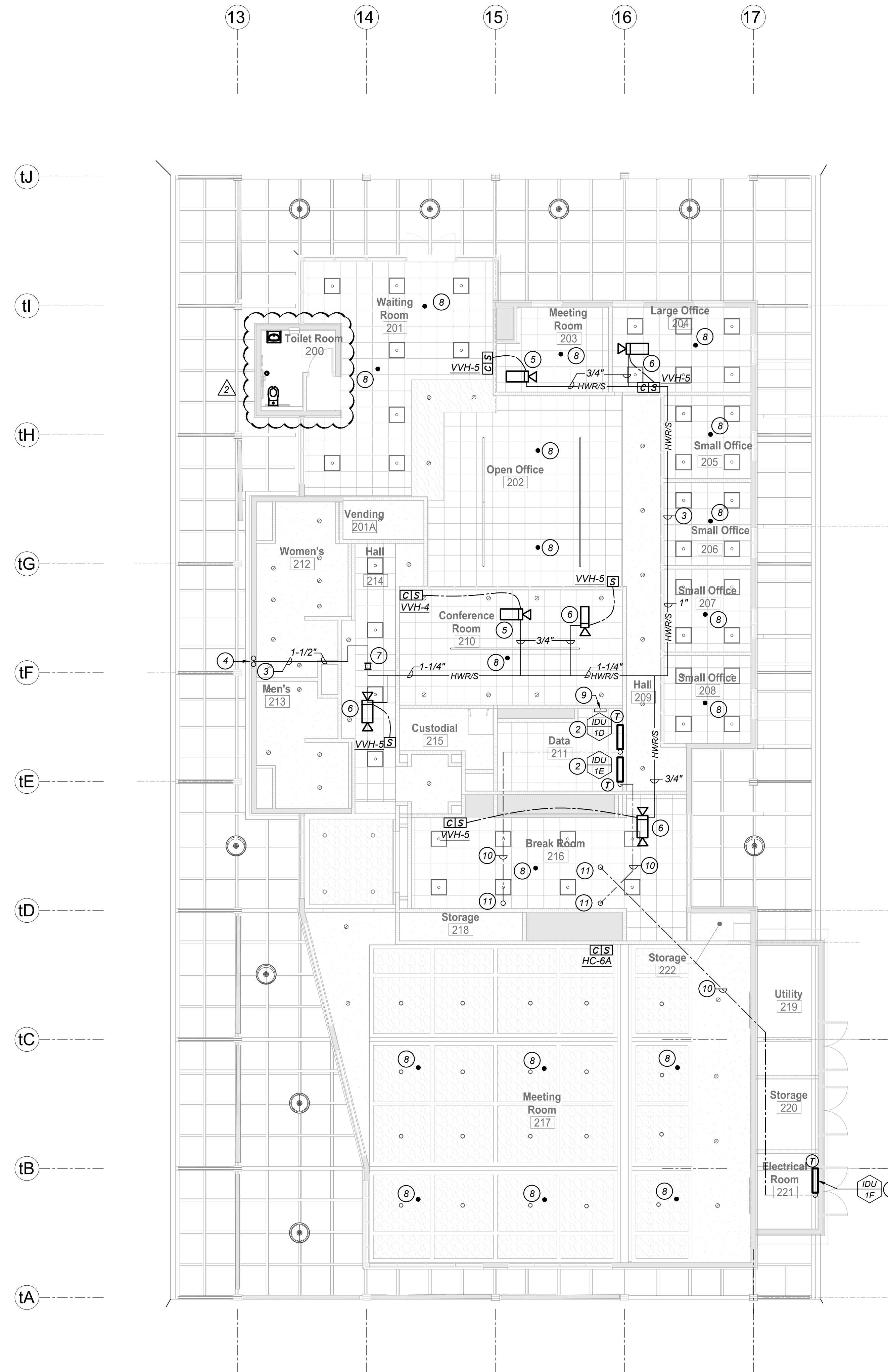
REVISIONS:

18/12/2020	Plan Check Revisions
10/8/2020	Addendum #1

PROJECT NUMBER: 2016-39
SHEET NUMBER: AD1-M210

KEYNOTES: (THIS SHEET ONLY)

- 1 VAV BOX W/ REHEAT COIL. SEE DETAIL B/M101
- 2 INDOOR UNIT HIGH ON WALL. POWER FROM ODU ON ROOF.
- 3 SINGLE LINE REPRESENTS 2 HYDRONIC H.W. LINES.
- 4 1-1/2" HWS & R PIPE DROPS TO BELOW GRADE FROM SENIOR CENTER BLDG.
- 5 2GPM
- 6 3GPM
- 7 IN-LINE PUMP ABOVE CEILING SEE DETAIL K/M101
- 8 EMS ROOM OCCUPANCY SENSOR AT CEILING TO CONTROL VVH DAMPER, OR H/C UNIT.
- 9 BUILDING EMS PANEL. POWER & SIGNAL. COORDINATE LOCATION w/ELECTRICAL.
- 10 REFRIGERANT LINES ABOVE CEILING. SEE SCHEDULE FOR SIZES.
- 11 REFRIGERANT LINE DROP FROM ODU ON ROOF. SEE SHEET M610 FOR CONTINUATION.



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

SHEET: HVAC Piping / EMS Plan

DRAWING SET INFORMATION:

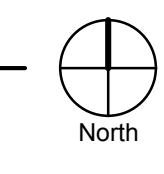
06/19/2020	Plan Check Submittal
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REVISIONS:

18/12/2020	Plan Check Revisions
10/8/2020	Addendum #1

PROJECT NUMBER: 2016-39
SHEET NUMBER: AD1-M211

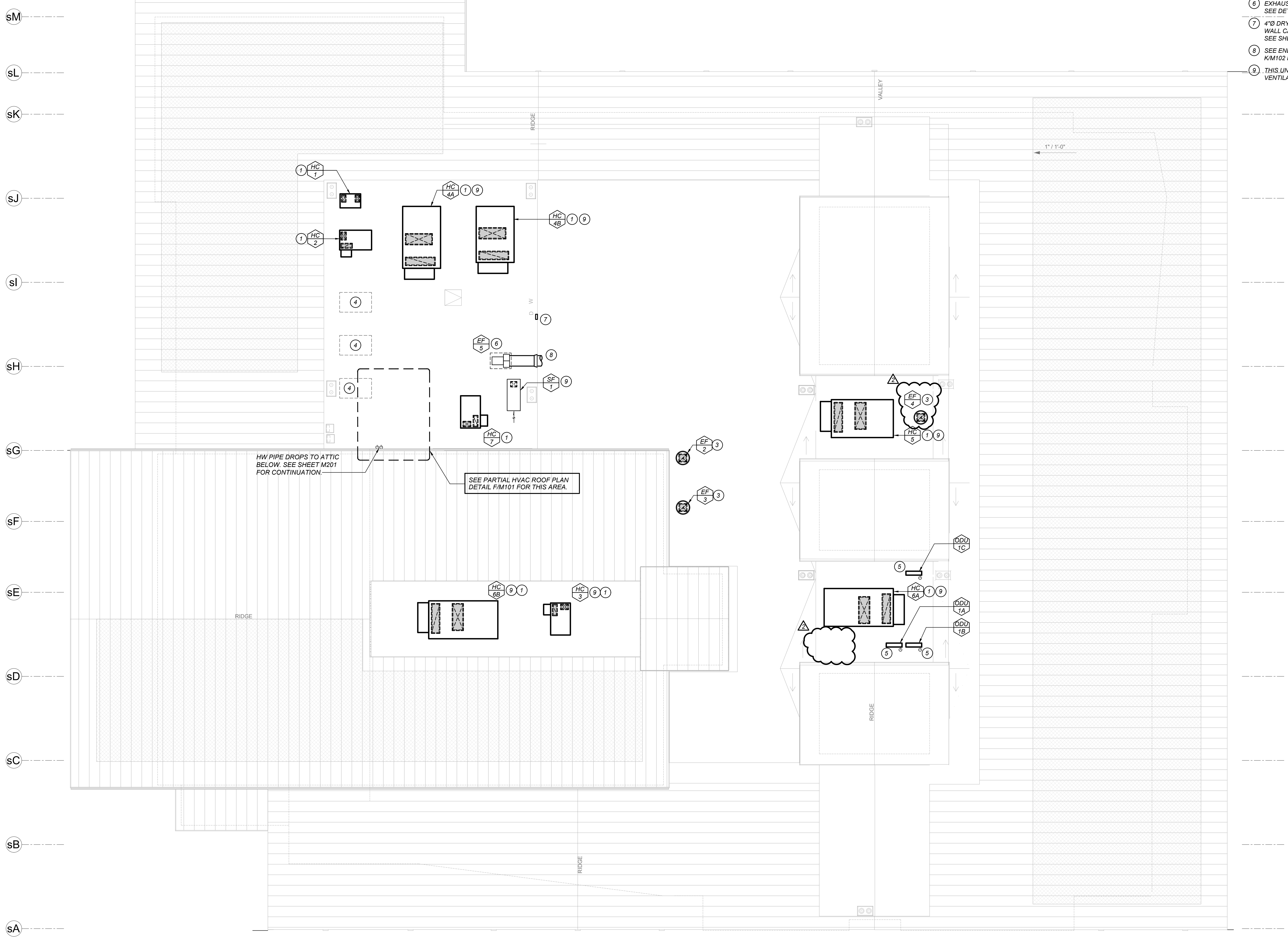
HVAC PIPING PLAN - TRANSIT CENTER
 1/8" = 1'-0"



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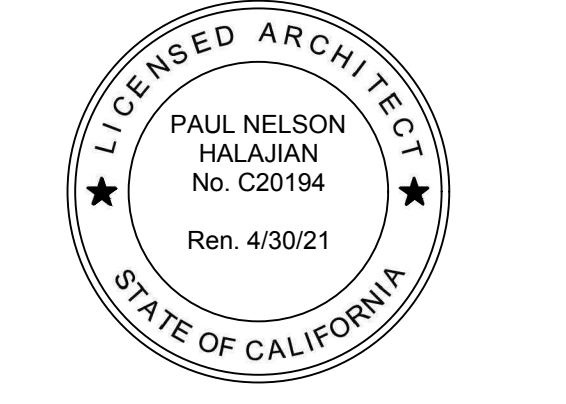


KEYNOTES: (THIS SHEET ONLY)

- 1 HEAT/COOL UNIT ON ROOF. SEE DET. FM102.
- 2 SUPPLY FAN ON ROOF. SEE DETAIL HM102.
- 3 EXHAUST FAN ON ROOF. SEE DETAIL HM101.
- 4 PROVIDE ONLY CURB FOR FUTURE UNIT. REFER TO DETAIL FM102 EXCEPT COVER ENTIRE PLATFORM W/ GALV. S.M. COVER.
- 5 ODU ON ROOF PLATFORM. SEE DETAIL DM101.
- 6 EXHAUST FAN ON ROOF PLATFORM. SEE DETAIL NM101.
- 7 4" DRYER VENT RISER TO DRYER VENT WALL CAP +18" ABOVE FIN. ROOF. SEE SHEET M200 FOR CONT.
- 8 SEE ENLARGED KITCHEN HOOD PAN KM102 FOR CONT.
- 9 THIS UNIT REQUIRES DEMAND CONTROL VENTILATION.

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

SHEET: Roof Plan

DRAWING SET INFORMATION:

06/19/2020	Plan Check Submittal
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REVISIONS:

18/12/2020	Plan Check Revisions
10/8/2020	Addendum #1

PROJECT NUMBER: 2016-39
SHEET NUMBER: AD1-M600



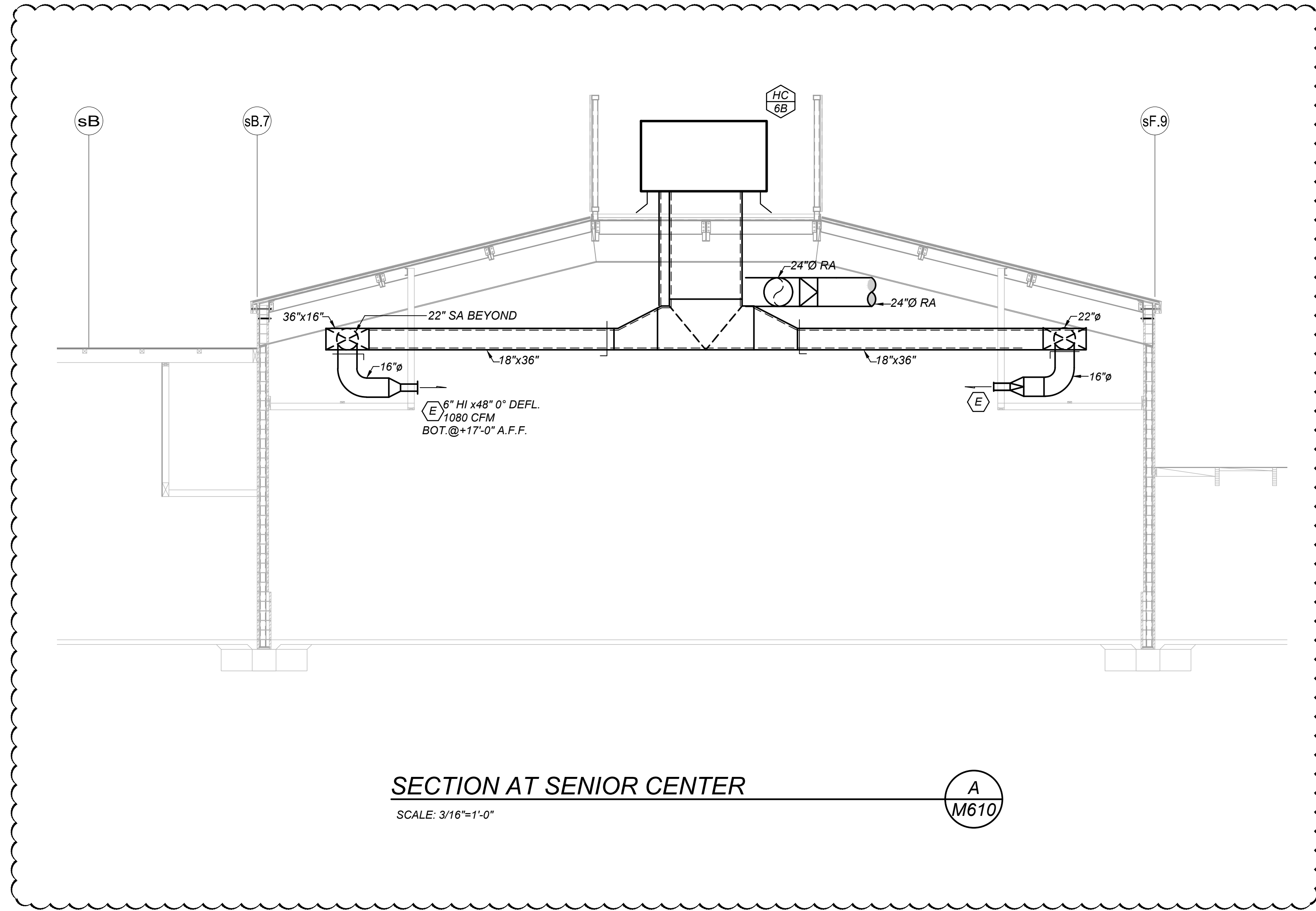
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HVAC ROOF PLAN
 1/8" = 1'-0"

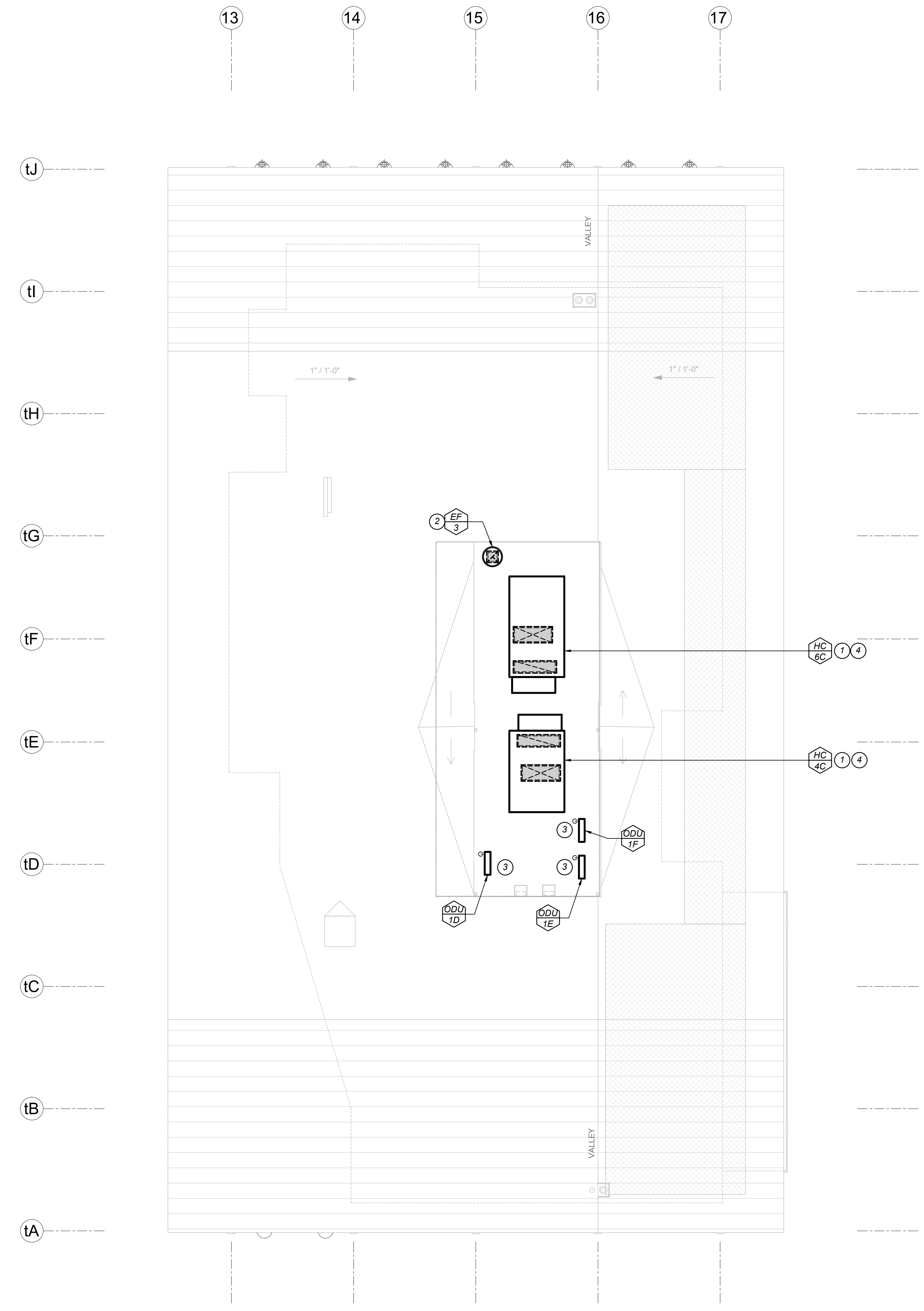
KEYNOTES: (THIS SHEET ONLY)

- 1 HEAT/COOL UNIT ON ROOF.
SEE DET. FM102.
- 2 EXHAUST FAN ON ROOF.
SEE DETAIL HM101.
- 3 OUTDOOR UNIT ON ROOF PLATFORM.
SEE DETAIL DM101.
- 4 THIS UNIT REQUIRES DEMAND CONTROL VENTILATION.

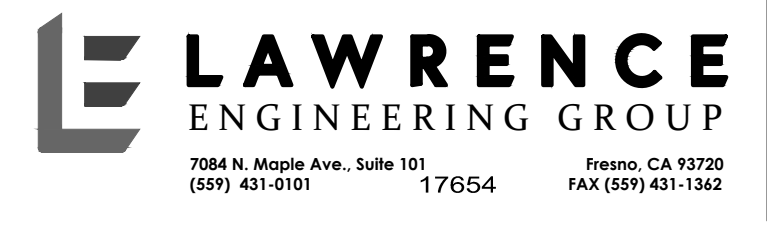
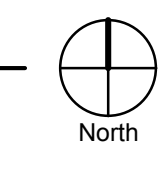


SECTION AT SENIOR CENTER
SCALE: 3/16"=1'-0"

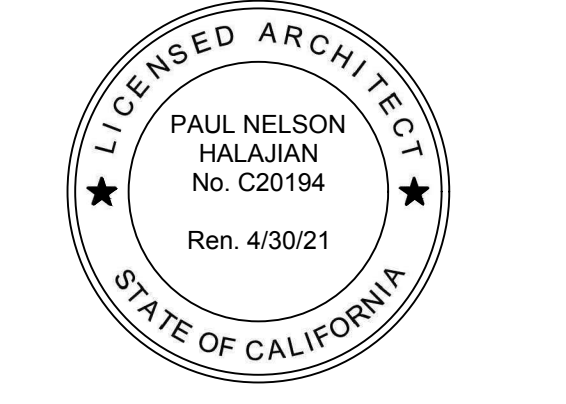
A
M610



HVAC ROOF PLAN - TRANSIT CENTER
1/8" = 1'-0"



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

DRAWING SET INFORMATION:

06/19/2020	Plan Check Submittal
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REVISIONS:

18/12/2020	Plan Check Revisions
10/8/2020	Addendum #1

PROJECT NUMBER:
2016-39

SHEET NUMBER:
AD1-M610

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ELECTRICAL SYMBOL SCHEDULE

SYMBOL	EQUIPMENT	DESCRIPTION
	2X4 LIGHT FIXTURE	REFER TO LUMINAIRE SCHEDULE
	RECESSED DOWN LIGHT	REFER TO LUMINAIRE SCHEDULE
	WALL LIGHT	REFER TO LUMINAIRE SCHEDULE
	FIXTURE W/ BACKUP POWER CONNECTION	PROVIDE UNSWITCHED HOT CONDUCTOR
	EXIT SIGN (ARROWS INDICATE CHEVRONS)	LUMINAIRE TYPE "X". REFER TO LUMINAIRE SCHEDULE
	SWITCH AT +45° AFF	20A 277V QUIET TOGGLE
	3-WAY SWITCH AT +45° AFF	20A 277V QUIET TOGGLE
	WALL MOUNTED DUAL TECH OCCUPANCY SENSOR SWITCH, 0-10V DIMMING, AT +48° AFF TO TOP OF BOX	20A 277V QUIET TOGGLE
	NIGHT AIR DIMMER SWITCH AT +45°	
	NIGHT AIR ON/OFF SWITCH AT +45°	
	NIGHT AIR SCENE CONTROLLER AT +45°	
	NIGHT AIR OCCUPANCY SENSOR	PROVIDE LOW VOLTAGE POWER (NON BATTERY DEVICE)
	NIGHT AIR OCCUPANCY SENSOR W/ PHOTOSENSOR	PROVIDE LOW VOLTAGE POWER (NON BATTERY DEVICE)
	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 @ +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. RECESS 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 SPK'R. 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.

	WIRING BELOW GRADE	3/4" CONDUIT MIN.
	WIRING IN WALL OR CEILING	3/4" CONDUIT MIN.
	LOW VOLTAGE WIRING	
	CONDUIT RISER	3/4" CONDUIT MIN.
	FLEXIBLE CONDUIT	3/4" CONDUIT MIN.
	CONDUIT STUB AND CAP	3/4" CONDUIT MIN.
	HASH MARKS DENOTES QTY. OF CONDUCTORS WHEN MORE THAN 2. THE LONG HASH IS THE NEUTRAL.	3/4" CONDUIT MIN.
	WIRE SIZE INDICATED, IF OTHER THAN #12 AWG	3/4" CONDUIT MIN.
	CURVY HASHES ARE VIOLET/GRAY 0-10V DIMMING CONDUCTORS	3/4" CONDUIT MIN.
	"EXISTING" UNLESS OTHERWISE NOTED	
	WEATHERPROOF	
	GROUND FAULT INTERRUPTER	

ELECTRICAL GENERAL NOTES

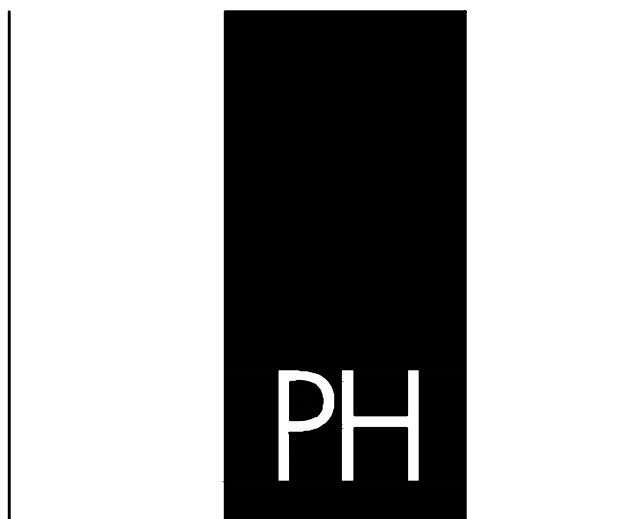
- ALL WORK SHALL MEET THE LATEST ADOPTED ADDITIONS OF THE CALIFORNIA CODE OF REGULATIONS, TITLE 24 AND ALL OTHER APPLICABLE REGULATIONS, WHICH INCLUDE:
 - CALIFORNIA BUILDING CODE 2019
 - CALIFORNIA ELECTRICAL CODE 2019
 - NON RESIDENTIAL, CEC ENERGY STANDARDS 2019
 NOTHING IN THE PLANS OR SPECIFICATIONS 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, 110.2(C), 240.06, 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. WRAP GROUND 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 WILLFULLY 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 407.4.
- 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.

EQUIPMENT ANCHORAGE NOTES

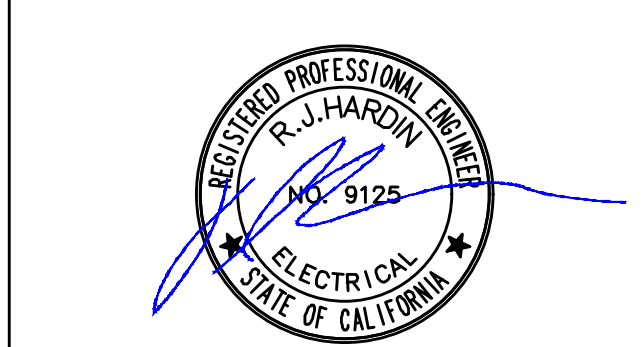
- ALL ELECTRICAL EQUIPMENT AND COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE CONSTRUCTION DOCUMENTS, WHERE NO DETAIL IS INDICATED, THE FOLLOWING SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC, SECTION 1616A.1.18 THROUGH 1616A.1.26 AND ASCE 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.



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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:

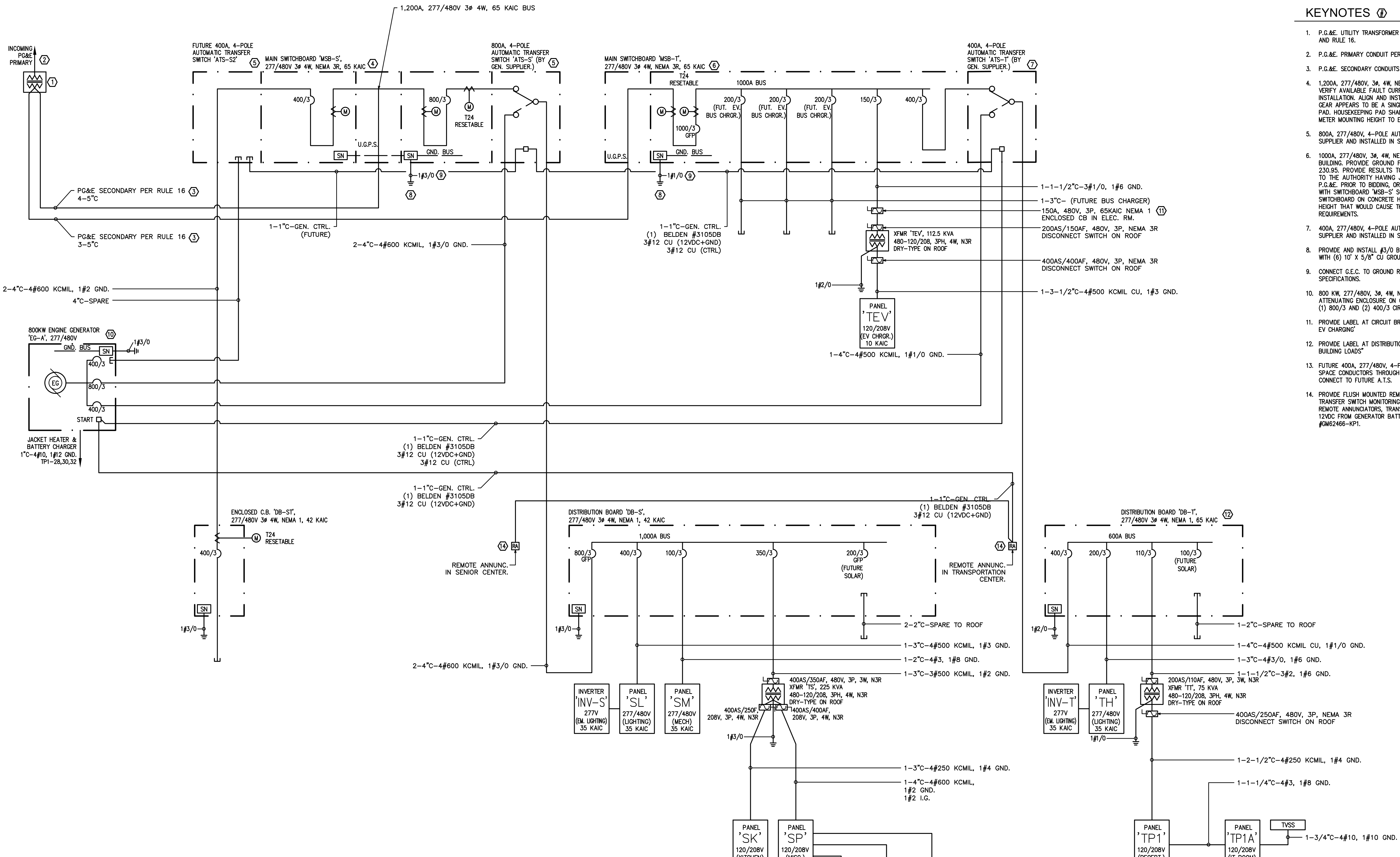
8/12/2020	BACKCHECK APPROVAL
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REVISIONS:

2	10/08/2020	ADDENDUM 01

PROJECT NUMBER: 2016-39
 SHEET NUMBER: AD1-E001

HD
 Hardin-Davidson Engineering
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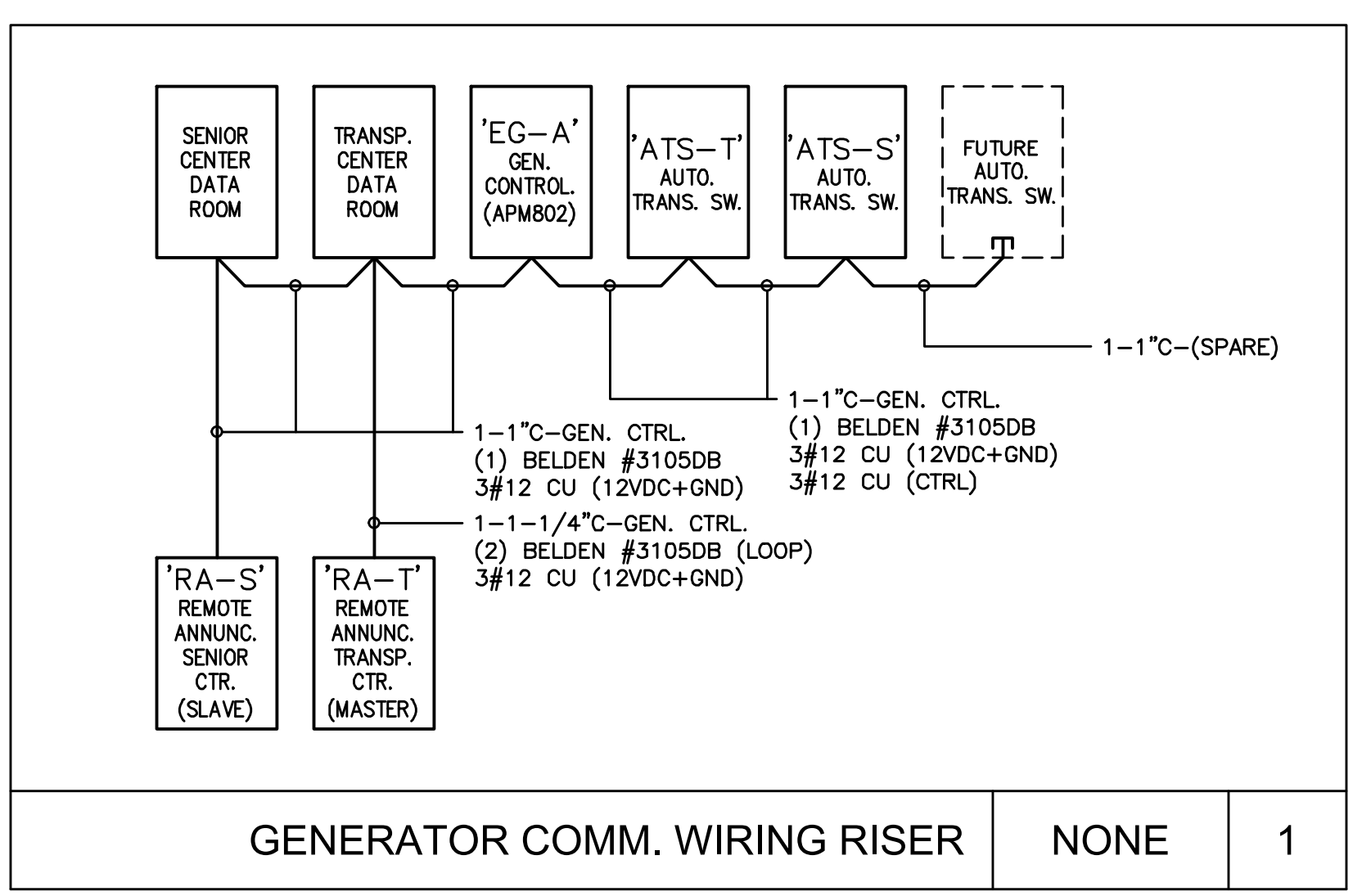


VOLTAGE DROP CALCULATIONS

No.	Feeder Origin	Feeder Destination	Potential at Origin (P _i) (Volts)	System	Design Current (Amps)	Raceway Type	Sets of Cond.	Conductor Trade Size	Conductor Cross-Sectional Area (CM)	Conductor Material	DC Conductor Material Constant (K)	Q	Distance (ft)	Voltage Drop (VD) (Volts)	Potential at Load (P _L) (Volts)	Percent Voltage Drop (%VD)
1	MSB-S	ATS-S	480.00	AC 3-Phase	800	PVC	2	600 KCMIL	1200000	CU	12.9	1.0748	10	0.16	479.84	0.03
2	EG-A	ATS-S	480.00	AC 3-Phase	800	PVC	2	600 KCMIL	1200000	CU	12.9	1.0748	40	0.64	479.36	0.13
3	ATS-S	DB-S	479.36	AC 3-Phase	800	PVC	2	600 KCMIL	1200000	CU	12.9	1.0748	250	4.00	475.36	0.97
4	DB-S	PANEL 'SL'	475.36	AC 3-Phase	100	Steel	1	1	83690	CU	12.9	1.0390	20	0.55	474.80	1.08
5	DB-S	PANEL 'SM'	475.36	AC 3-Phase	400	Steel	1	500 KCMIL	5000000	CU	12.9	1.1240	20	0.40	474.96	1.05
6	DB-S	XFMR 'TS'	475.36	AC 3-Phase	270	Steel	1	350 KCMIL	3500000	CU	12.9	1.0627	110	2.01	473.34	1.39
7	XFMR 'TS'	PANEL 'SK'	208.00	AC 3-Phase	250	Steel	1	250 KCMIL	2500000	CU	12.9	1.0485	90	2.11	205.89	1.01
8	XFMR 'TS'	PANEL 'SP'	208.00	AC 3-Phase	400	Steel	1	600 KCMIL	6000000	CU	12.9	1.1682	110	1.91	206.09	0.92
9	PANEL 'SP'	PANEL 'SP1'	206.09	AC 3-Phase	200	Steel	1	3/0	167800	CU	12.9	1.0313	20	0.55	205.54	1.18
10	PANEL 'SP'	PANEL 'SP2'	206.09	AC 3-Phase	200	Steel	1	3/0	167800	CU	12.9	1.0313	20	0.55	205.54	1.18
11	PANEL 'SP'	PANEL 'SP3'	206.09	AC 3-Phase	100	Steel	1	4/0	211600	CU	12.9	1.0362	100	1.09	204.99	1.45
12	PANEL 'SP'	PANEL 'SP4'	206.09	AC 3-Phase	200	Steel	1	250 KCMIL	2500000	CU	12.9	1.0485	150	2.81	203.27	2.27
13	MSB-A	DB-ST	480.00	AC 3-Phase	400	Steel	1	600 KCMIL	6000000	CU	12.9	1.1682	250	4.35	475.65	0.91
14	MSB-T	XFMR 'TEV'	480.00	AC 3-Phase	135	PVC	1	1/0	105600	CU	12.9	0.9836	170	4.78	475.22	1.00
15	XFMR 'TEV'	PANEL 'TEV'	208.00	AC 3-Phase	312	Steel	1	500 KCMIL	5000000	CU	12.9	1.1240	40	0.63	207.37	0.30
16	MSB-T	ATS-T	480.00	AC 3-Phase	400	PVC	1	500 KCMIL	5000000	CU	12.9	1.0465	30	0.19	479.81	0.04
17	EG-A	ATS-T	480.00	AC 3-Phase	400	PVC	1	500 KCMIL	5000000	CU	12.9	1.0465	30	0.56	479.44	0.12
18	ATS-T	DB-T	479.44	AC 3-Phase	400	Steel	1	500 KCMIL	5000000	CU	12.9	1.1240	140	2.81	476.63	0.59
19	DB-T	PANEL 'TH'	476.63	AC 3-Phase	225	Steel	1	500 KCMIL	5000000	CU	12.9	1.1240	20	0.23	476.40	0.05
20	DB-T	XFMR 'TT'	476.63	AC 3-Phase	90	Steel	1	2	66360	CU	12.9	1.0309	30	0.94	475.69	0.20
21	XFMR 'TT'	PANEL 'TP1'	208.00	AC 3-Phase	208	Steel	1	4/0	211600	CU	12.9	1.0362	30	0.68	207.32	0.33
22	PANEL 'TP1'	PANEL 'TP1A'	207.32	AC 3-Phase	100	Steel	1	3	52620	CU	12.9	1.0204	100	4.33	202.98	2.09

Formulae
 VD (single phase or DC) = 2 x K x Q x l x D / CM
 VD (three phase) = √3 x K x Q x l x D / CM
 %VD = VD / P_i x 100

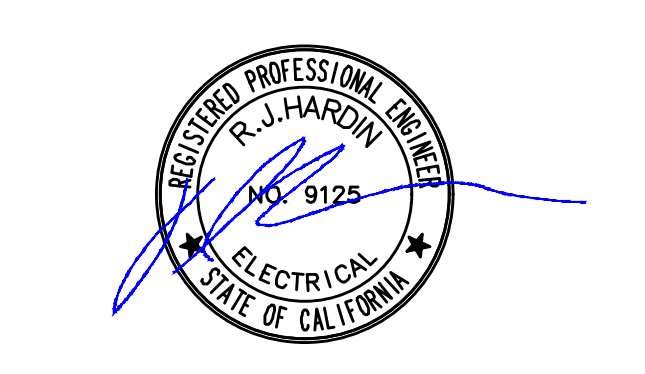
Definitions
 VD = Voltage Drop (Volts)
 K = DC Conductor Material Constant (12.9 for Copper, 21.2 for Aluminum)
 Q = AC Adjustment Factor for conductors sized #2/0 AWG and larger (R_{ac} / R_{dc})
 l = Current (Amps)
 D = Distance to Load (ft)
 CM = Conductor Cross-Sectional Area (Circular Mils)
 P = Potential (Volts)



KEYNOTES

- P.G.&E. UTILITY TRANSFORMER ON 106"X90" TRANSFORMER PAD PER P.G.&E. SPECIFICATIONS AND RULE 16.
- P.G.&E. PRIMARY CONDUIT PER P.G.&E. SPECIFICATIONS AND RULE 16.
- P.G.&E. SECONDARY CONDUITS PER P.G.&E. SPECIFICATIONS AND RULE 16.
- 1,200A, 277/480V, 3φ, 4W, NEMA 3R, 65KAIC SWITCHBOARD FOR SENIOR CENTER BUILDING. VERIFY AVAILABLE FAULT CURRENT FROM P.G.&E. PRIOR TO BIDDING, ORDERING AND INSTALLATION. ALIGN AND INSTALL ADJACENT WITH SWITCHBOARD MSB-T SO THAT ALL GEAR APPEARS TO BE A SINGLE UNIT. INSTALL SWITCHBOARD ON CONCRETE HOUSEKEEPING PAD. HOUSEKEEPING PAD SHALL NOT EXCEED A HEIGHT THAT WOULD CAUSE THE UTILITY METER MOUNTING HEIGHT TO EXCEED P.G.&E. REQUIREMENTS.
- 800A, 277/480V, 4-POLE AUTOMATIC TRANSFER SWITCH 'ATS-S' PROVIDED BY GENERATOR SUPPLIER AND INSTALLED IN SWITCHBOARD SECTION BY ELECTRICAL CONTRACTOR.
- 1000A, 277/480V, 3φ, 4W, NEMA 3R, 65KAIC SWITCHBOARD FOR TRANSPORTATION CENTER BUILDING. PROVIDE CIRCUIT BREAKER AND PERFORMANCE TESTING PER CEC 230.95. PROVIDE RESULTS TO OWNER AND ELECTRICAL ENGINEER AND MAKE AVAILABLE TO THE AUTHORITY HAVING JURISDICTION. VERIFY AVAILABLE FAULT CURRENT FROM P.G.&E. PRIOR TO BIDDING, ORDERING AND INSTALLATION. ALIGN AND INSTALL ADJACENT WITH SWITCHBOARD MSB-S SO THAT ALL GEAR APPEARS TO BE A SINGLE UNIT. INSTALL SWITCHBOARD ON CONCRETE HOUSEKEEPING PAD. HOUSEKEEPING PAD SHALL NOT EXCEED A HEIGHT THAT WOULD CAUSE THE UTILITY METER MOUNTING HEIGHT TO EXCEED P.G.&E. REQUIREMENTS.
- 400A, 277/480V, 4-POLE AUTOMATIC TRANSFER SWITCH 'ATS-T' PROVIDED BY GENERATOR SUPPLIER AND INSTALLED IN SWITCHBOARD SECTION BY ELECTRICAL CONTRACTOR.
- PROVIDE AND INSTALL #3/0 BARE COPPER GROUND RING AROUND MSB-S & MSB-T LINEUP WITH (6) 10' X 5/8" CU GROUND RODS.
- CONNECT G.E.C. TO GROUND RING VIA EXOTHERMIC WELDED CONNECTION PER SPECIFICATIONS.
- 800 KW, 277/480V, 3φ, 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.
- PROVIDE LABEL AT CIRCUIT BREAKER AS "BUILDING DISCONNECT #1, UTILITY POWER ONLY, EV CHARGING"
- PROVIDE LABEL AT DISTRIBUTION BOARD "BUILDING DISCONNECT #2, UTILITY & GENERATOR, BUILDING LOADS"
- FUTURE 400A, 277/480V, 4-POLE AUTOMATIC TRANSFER SWITCH 'ATS-S2'. ROUTE TENANT SPACE CONDUCTORS THROUGH EMPTY SWITCHBOARD SECTION WITH SERVICE LOOP TO CONNECT TO FUTURE A.T.S.
- PROVIDE FLUSH MOUNTED REMOTE ANNUNCIATOR, KOHLER MODEL RS411 WITH MULTIPLE TRANSFER SWITCH MONITORING. PROVIDE CONDUIT AND CONTROL WIRING TO CONNECT REMOTE ANNUNCIATORS, TRANSFER SWITCHES AND GENERATOR AS REQUIRED. PROVIDE 12VDC FROM GENERATOR BATTERY SYSTEM OR SEPARATE POWER SUPPLY, KOHLER #6M2466-4P1.

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

SHEET: ELECTRICAL SINGLE LINE DIAGRAM

DRAWING SET INFORMATION:
 8/12/2020 BACKCHECK APPROVAL

REVISIONS:
 2 10/08/2020 ADDENDUM 01

PROJECT NUMBER: 2016-39
SHEET NUMBER: AD1-E021

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

PANEL "SL" SCHEDULE									
480/277V 3Φ 4W					INDOOR / SURFACE				
CKT. NO.	DESCRIPTION	BREAKER AMPS (POLES)	VA	Φ	VA	BREAKER AMPS (POLES)	DESCRIPTION	CKT. NO.	
1	EMERGENCY LTG VIA INVERTER 'INV-S'	20 1	3,003	A	2,187	20 1	N, S, E, W HALLS, MAIN, NORTH, SOUTH LOBBY	2	
3	LTS - NORTH OFFICES, R.R., BREAK, FITNESS	20 1	2,774	B	2,331	20 1	LTS - CLASSROOMS, ART, YOGA, BILLIARDS	4	
5	LTS - KITCHEN, N. ALCOVE	20 1	3,953	C	3,617	20 1	LTS - MULTIPURPOSE	6	
7	LTS - EXTERIOR CANOPY	20 1	1,342	A	1,181	20 1	LTS - W. LOBBY, SALES, STORAGE, STAGE, 152A	8	
9	LTS - EXTERIOR FAÇADE (IN GRADE)	20 1	1,540	B	0	20 1	SPARE	10	
11	LTS - EXTERIOR SIGNS	20 1	180	C	0	20 1	SPARE	12	
13	LTS - PARKING LOT	20 1	1,360	A	0	20 1	SPARE	14	
15	SPARE	20 1	0	B	0	20 1	SPARE	16	
17	SPARE	20 1	0	C	0	20 1	SPARE	18	
19	SPACE	0	A	0	0	20 1	SPACE	20	
21	SPACE	0	B	0	0	20 1	SPACE	22	
23	SPACE	0	C	0	0	20 1	SPACE	24	
25	SPACE	0	A	0	0	20 1	SPACE	26	
27	SPACE	0	B	0	0	20 1	SPACE	28	
29	SPACE	0	C	0	0	20 1	SPACE	30	
LOAD SUMMARY:		Φ A	8,873 VA			BUSING:	100A CU		
		Φ B	6,646 VA			MAIN:	M.L.O.		
		Φ C	4,190 VA			AIC RATING:	35,000A		
CONNECTED LOAD:			19.7 kVA			MFGR:			
MAX CURRENT:			32 A			USE:	STAND-BY LIGHTING		

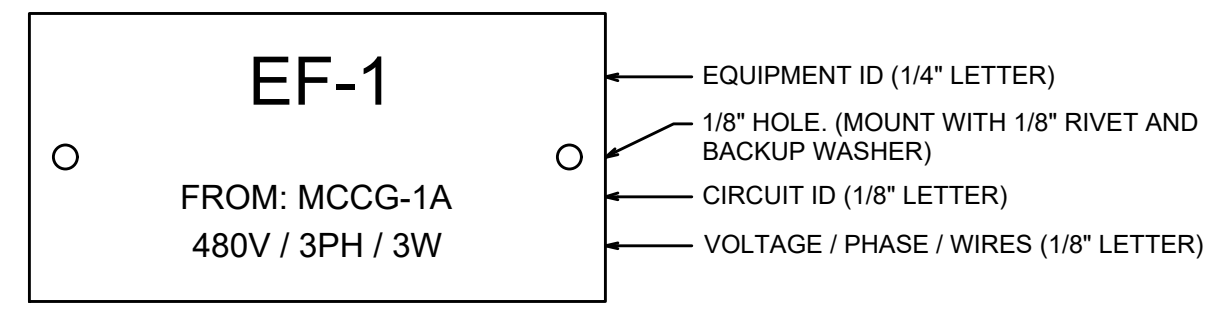
PANEL "SM" SCHEDULE									
480/277V 3Φ 4W					INDOOR / SURFACE				
CKT. NO.	DESCRIPTION	BREAKER AMPS (POLES)	VA	Φ	VA	BREAKER AMPS (POLES)	DESCRIPTION	CKT. NO.	
1	HC-2	20 3	3,933 A		13,296	70 3	HC-4B	2	
3	--	--	3,933 B		13,296	--	--	4	
5	--	--	3,933 C		13,296	--	--	6	
7	HC-3A	30 3	4,764 A		11,911	70 3	HC-5	8	
9	--	--	4,764 B		11,911	--	--	10	
11	--	--	4,764 C		11,911	--	--	12	
13	HC-3B	30 3	4,764 A		11,911	100 3	HC-6A	14	
15	--	--	4,764 B		11,911	--	--	16	
17	--	--	4,764 C		11,911	--	--	18	
19	HC-4A	70 3	13,296 A		21,744	100 3	HC-6B	20	
21	--	--	13,296 B		21,744	--	--	22	
23	SPACE	0	C	0	21,744	--	--	24	
25	EF-5 (1.5HP)	15 3	831 A		0		SPACE	26	
27	--	--	831 B		0		SPACE	28	
29	--	--	831 C		0		SPACE	30	
31	SF-1 (2 HP)	15 3	941 A		0		SPACE	32	
33	--	--	941 B		0		SPACE	34	
35	--	--	941 C		0		SPACE	36	
37	SPACE	0	A	0	0		SPACE	38	
39	SPACE	0	B	0	0		SPACE	40	
41	SPACE	0	C	0	0		SPACE	42	
LOAD SUMMARY:		Φ A	95,424 VA			BUSING:	400A CU		
		Φ B	95,424 VA			MAIN:	M.L.O.		
		Φ C	95,424 VA			AIC RATING:	35,000A		
CONNECTED LOAD:			286.3 kVA			MFGR:			
MAX CURRENT:			344 A			USE:	STAND-BY MECHANICAL		

PANEL "TH" SCHEDULE									
480/277V 3Φ 4W					INDOOR / SURFACE				
CKT. NO.	DESCRIPTION	BREAKER AMPS (POLES)	VA	Φ	VA	BREAKER AMPS (POLES)	DESCRIPTION	CKT. NO.	
1	EMERGENCY LTG VIA INVERTER 'INV-T'	20 1	1,485 A		13,296	80 3	HC-4C	2	
3	LTS - MEETING ROOM, STORAGE, UTILITY	20 1	1,817 B		13,296	--	--	4	
5	LTS - NORTH	20 1	1,942 C		13,296	--	--	6	
7	LTS - EXTERIOR IN GROUND	20 1	963 A		19,944	100 3	HC-6C	8	
9	LTS - EXTERIOR UNDER CANOPY	20 1	333 B		19,944	--	--	10	
11	LTS - PARKING	20 1	1,680 C		19,944	--	--	12	
13	LTS - BUS SHELTER	20 1	40 A		0	20 1	SPACE	14	
15	SIGN	20 1	0 B		0	20 1	SPACE	16	
17	SPARE	20 1	0 C		0	20 1	SPACE	18	
19	SPACE	20 1	0 A		0	20 1	SPACE	20	
21	SPACE	0	B	0	0	20 1	SPACE	22	
23	SPACE	0	C	0	0	20 1	SPACE	24	
25	SPACE	0	A	0	0	20 1	SPACE	26	
27	SPACE	0	B	0	0	20 1	SPACE	28	
29	SPACE	0	C	0	0	20 1	SPACE	30	
31	SPACE	0	A	0	0	20 1	SPACE	32	
33	SPACE	0	B	0	0	20 1	SPACE	34	
35	SPACE	0	C	0	0	20 1	SPACE	36	
37	SPACE	0	A	0	0	20 1	SPACE	38	
39	SPACE	0	B	0	0	20 1	SPACE	40	
41	SPACE	0	C	0	0	20 1	SPACE	42	
LOAD SUMMARY:		Φ A	35,727 VA			BUSING:	225A CU		
		Φ B	35,930 VA			MAIN:	M.L.O.		
		Φ C	36,682 VA			AIC RATING:	35,000A		
CONNECTED LOAD:			108.0 kVA			MFGR:			
MAX CURRENT:			133 A			USE:	STAND-BY LIGHTING & HVAC		

PANEL "SP" SCHEDULE									
120/208V 3Φ 4W					INDOOR / SURFACE				
CKT. NO.	DESCRIPTION	BREAKER AMPS (POLES)	VA	Φ	VA	BREAKER AMPS (POLES)	DESCRIPTION	CKT. NO.	
1	PANEL 'SP1'	200 3	12,900 A		0	20 1	SPACE	2	
3	--	--	10,540 B		0	20 1	SPACE	4	
5	--	--	10,020 C		0	20 1	SPACE	6	
7	PANEL 'SP2'	200 3	10,580 A		0	20 1	SPACE	8	
9	--	--	10,460 B		0	20 1	SPACE	10	
11	--	--	9,464 C		0	20 1	SPACE	12	
13	PANEL 'SP3'	100 3	3,924 A		0	20 1	SPACE	14	
15	--	--	3,424 B		0	20 1	SPACE	16	
17	--	--	4,208 C		0	20 1	SPACE	18	
19	PANEL 'SP4'	200 3	5,660 A		0	20 1	SPACE	20	
21	--	--	6,060 B		0	20 1	SPACE	22	
23	--	--	4,946 C		0	20 1	SPACE	24	
25	SPACE	20 1	0 A		0	20 1	SPACE	26	
27	SPACE	20 1	0 B		0	20 1	SPACE	28	
29	SPACE	20 1	0 C		0	20 1	SPACE	30	
LOAD SUMMARY:		Φ A	33,064 VA			BUSING:	400A CU		
		Φ B	30,484 VA			MAIN:	400A M.C.B.		
		Φ C	28,818 VA			AIC RATING:	10,000A		
CONNECTED LOAD:			92.4 kVA			MFGR:			
MAX CURRENT:			276 A			USE:	STAND-BY 208 DISTRIBUTION, ISOLATED GROUND		

PANEL "SK" SCHEDULE									
120/208V 3Φ 4W					INDOOR / SURFACE				
CKT. NO.	DESCRIPTION	BREAKER AMPS (POLES)	VA	Φ	VA	BREAKER AMPS (POLES)	DESCRIPTION	CKT. NO.	
1	REC - ICE MACHINE	20 1	1,000 A		1,000	20 1	KITCHEN HOOD CONTROLLER	2	
3	REC - FREEZER	20 1	1,000 B		500	20 1	RANGE	4	
5	REC - KITCHEN EAST	20 1	540 C		--	--	SHUNT TRIP CKT #4	6	
7	REC - COOLER EAST	20 1	1,000 A		1,000	20 1	OVEN	8	
9	REC - COOLER WEST	20 1	1,000 B		--	--	SHUNT TRIP CKT #8	10	
11	REC - STEAM TABLE SMALL	20 1	1,500 C		360	20 1	REC - KITCHEN NORTH	12	
13	REC - STEAM TABLE LARGE	30 1	2,500 A		--	--	SHUNT TRIP CKT #12	14	
15	REC - KITCHEN WEST	20 1	540 B		200	20 1	ANSUL SYSTEM	16	
17	REC - ALCOVE COUNTER	20 1	180 C		200	20 1	ROLLUP SERVING DOOR	18	
19	REC - ALCOVE COUNTER	20 1	180 A		0	20 1	SPARE	20	
21	REC - ALCOVE COUNTER	20 1	180 B		0	20 1	SPARE	22	
23	REC - ALCOVE	20 1	360 C		0	20 1	SPARE	24	
25	REC - PREP TABLE CORD REEL*	20 1	180 A		0	20 1	SPARE	26	
27	REC - PREP TABLE CORD REEL*	20 1	180 B		0	20 1	SPARE	28	
29	REC - PREP TABLE CORD REEL*	20 1	180 C		900	20 3	PUMP P-2	30	
31	REC - PREP TABLE CORD REEL*	20 1	180 A		900	--	--	32	
33	REC - ROOF MECHANICAL WEST	20 1	900 B		900	--	--	34	
35	REC - LINEN 106, PANTRY 107	20 1	360 C		1,656	20 1	PUMP P-3A	36	
37	SPARE	0	A	0	1,656	20 1	PUMP P-3B	38	
39	B-2A	20 1	204 B		2018	40 2	HC-1	40	
41	B-2B	20 1	204 C		2018	--	--	42	
LOAD SUMMARY:		Φ A	6,860 VA			BUSING:	250A CU		
		Φ B	3,600 VA			MAIN:	250A M.C.B.		
		Φ C	4,220 VA			AIC RATING:	10,000A		
CONNECTED LOAD:			14.7 kVA			MFGR:			
MAX CURRENT:			57 A			USE:	STAND-BY KITCHEN EQUIPMENT		

PANEL "TP1" SCHEDULE									
120/208V 3Φ 4W					INDOOR / SURFACE				
CKT. NO.	DESCRIPTION	BREAKER AMPS (POLES)	VA	Φ	VA	BREAKER AMPS (POLES)	DESCRIPTION	CKT. NO.	
1	RECEP - EXTERIOR	20 1	1,260 A		900	20 1	RECEP - OFFICE 208	2	
3	RECEP - ELEC RM, STORAGE, UTILITY	20 1	720 B		900	20 1	RECEP - OFFICE 207	4	
5	RECEP - MEETING RM 217 NORTH SOUTH WALLS	20 1	540 C		900	20 1	RECEP - OFFICE 206	6	
7	RECEP - MEETING RM PROJECTOR	20 1	1,800 A		900	20 1	RECEP - OFFICE 205	8	
9	RECEP - COOLER WEST	20 1	1,260 B		1,080	20 1	RECEP - OFFICE 204	10	
11	RECEP - BREAK RM, REFRIGERATOR	20 1	1,000 C		720	20 1	RECEP - MEETING ROOM 203	12	
13	RECEP - BREAK RM, COUNTER	20 1	360 A		900	20 1	RECEP - OPEN OFFICE 202 EAST	14	
15	RECEP - BREAK RM, VENDING	20 1	1,000 B		180	20 1	RECEP - OPEN OFFICE 202 PRINTER	16	
17	RECEP - VEND 201A, HALL 209, HALL 218	20 1	900 C		720	20 1	RECEP - OPEN OFFICE 202 WEST	18	
19	RECEP - WAITING 201	20 1	1,260 A		1,260	20 1	RECEP - CONFERENCE RM 210	20	
21	RECEP - RESTROOMS	20 1	540 B						



LABEL TYPE: ENGRAVED 2 LAYER PHENOLIC (OR EQUAL)

LABEL SIZE: 3"W X 1-1/2"H

LABEL COLOR: BLACK: 120/208/240V
RED: 277/480V
YELLOW: OVER 480V

TEXT COLOR: WHITE (YELLOW TAGS SHALL BE BLACK TEXT)

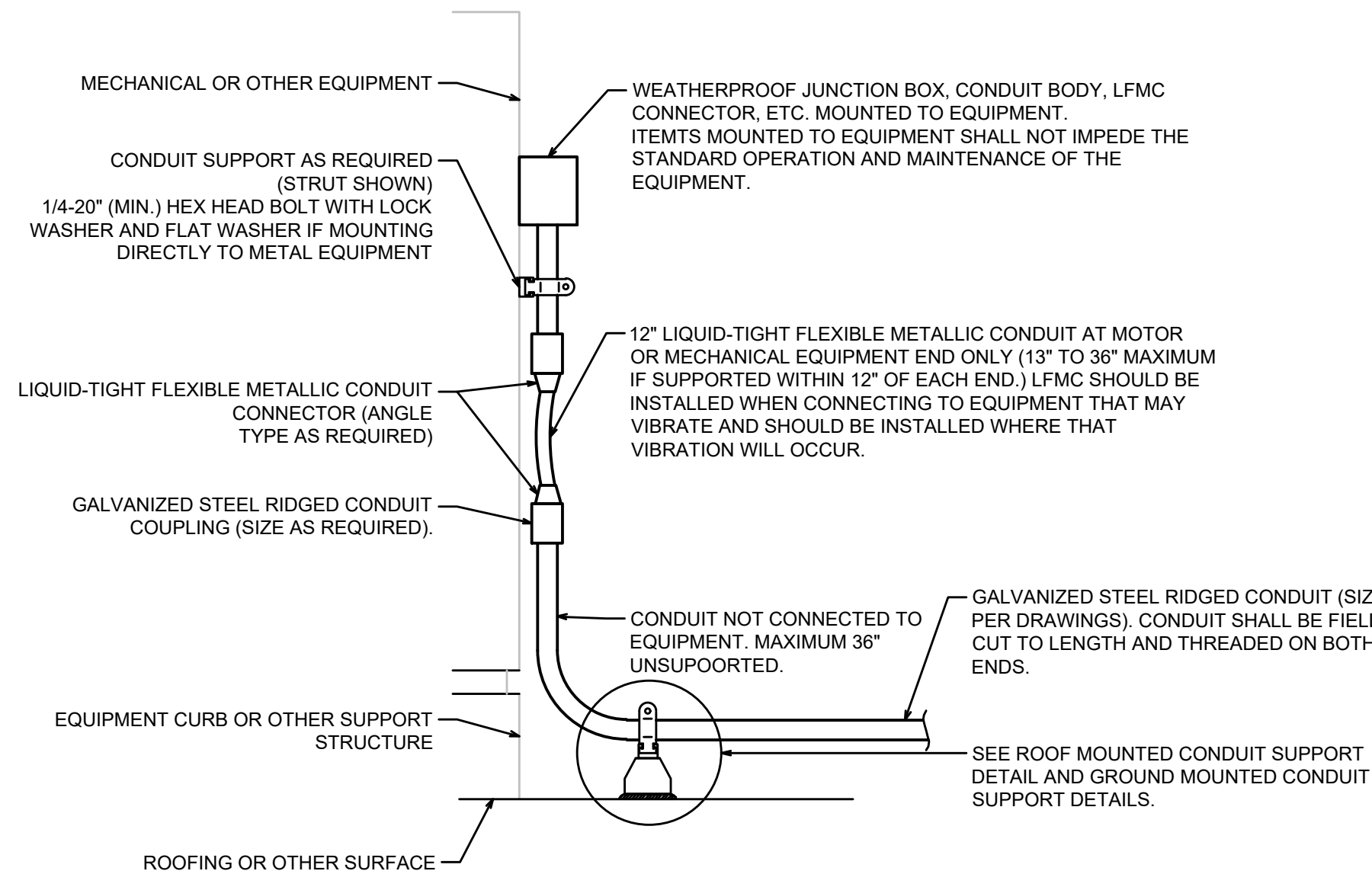
LABEL COLORS SPECIFIED IN WRITTEN SPECIFICATIONS SHALL TAKE PRECEDENCE UON.

EQUIPMENT ID: SHALL BE AS IDENTIFIED ON THE PLANS BY THE EQUIPMENT SPECIFIER.

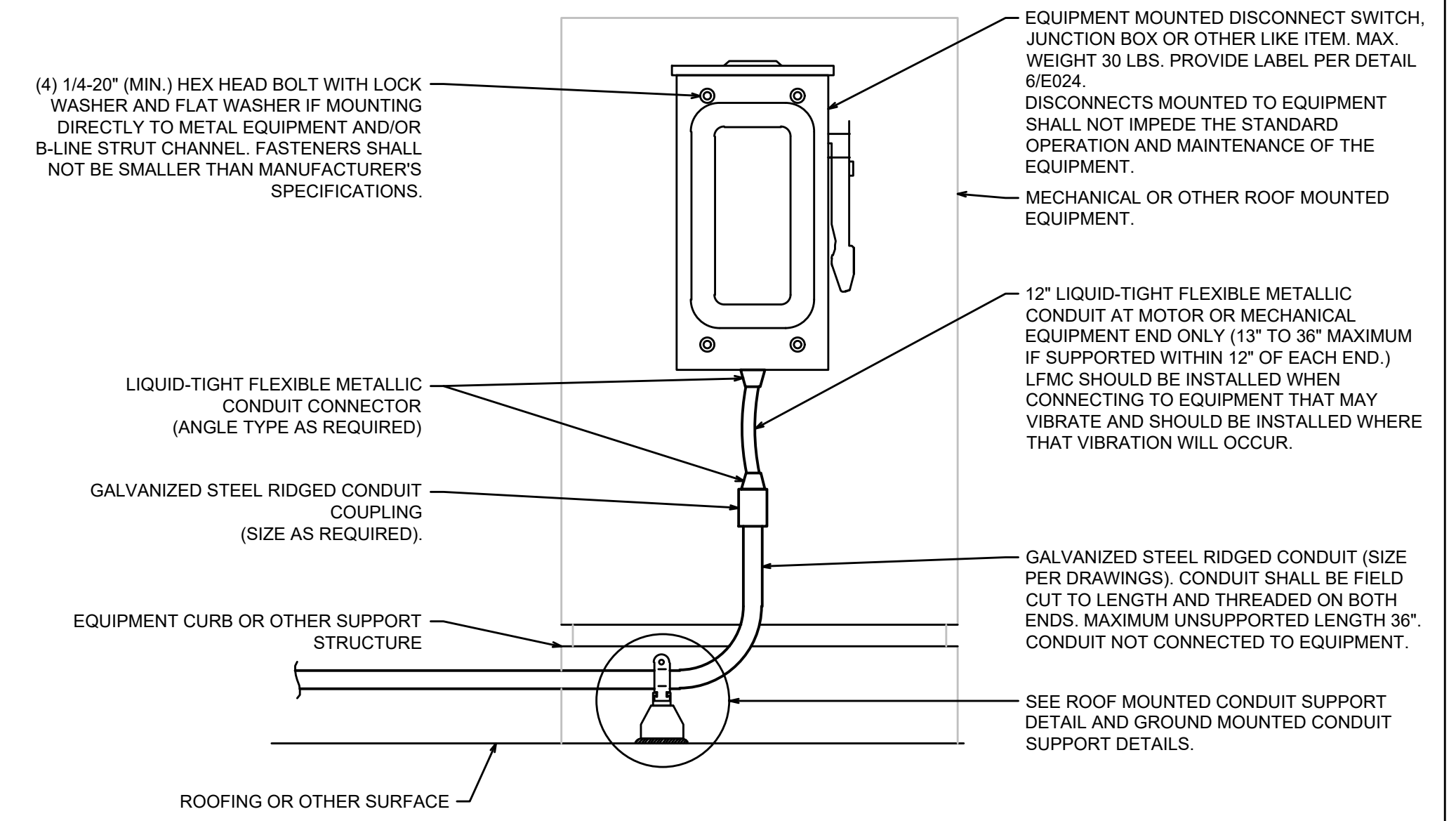
CIRCUIT ID: SHALL BE THE CIRCUIT SOURCE SWITCHBOARD, PANEL, MCC, ETC.

VOLTAGE / PHASE / WIRES: VOLTAGE SHALL BE THE COMPLETE VOLTAGE PHASE SHALL BE EITHER 1PH OR 3PH WIRES SHALL BE 2W, 3W OR 4W.

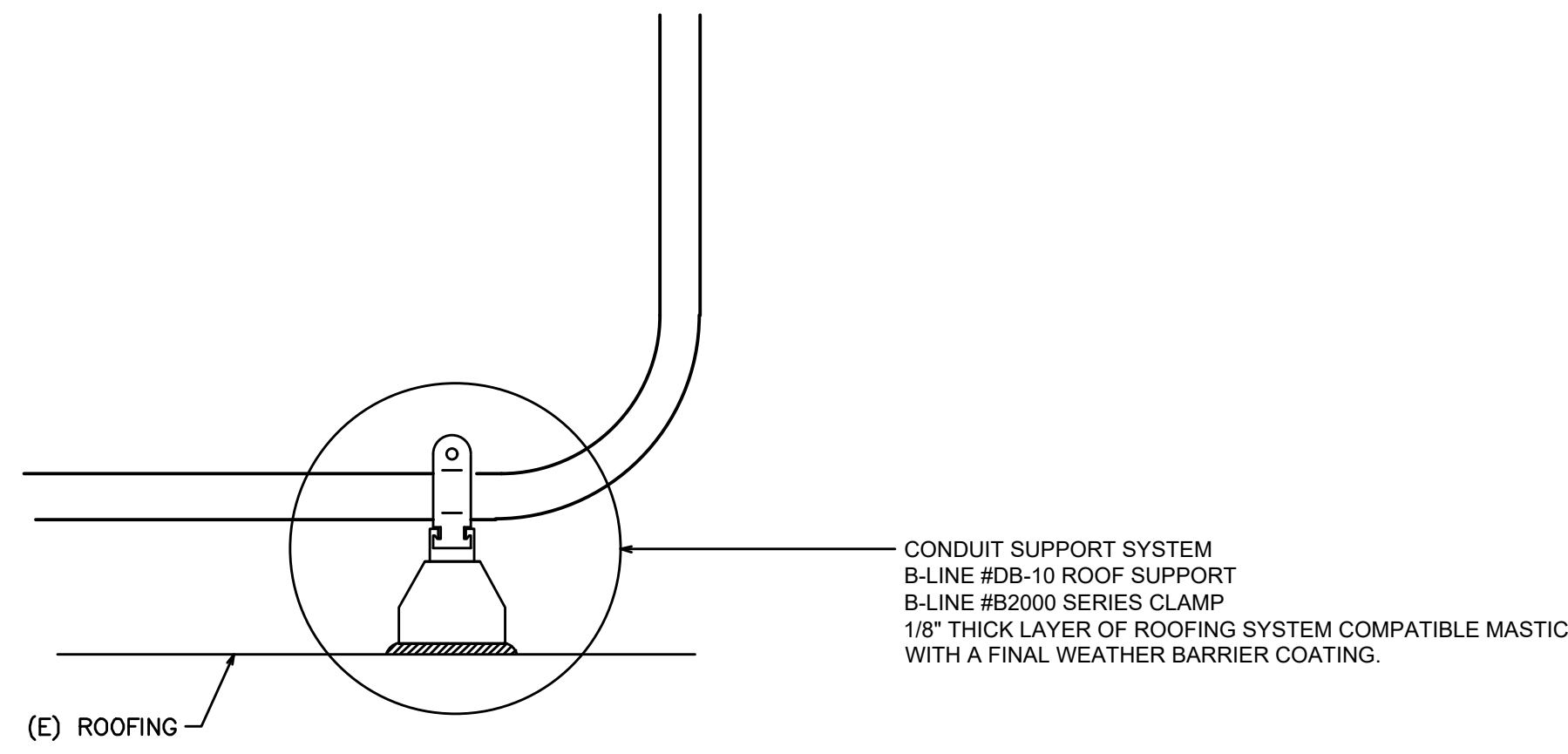
EQUIPMENT & DISCONNECT LABEL NONE 6



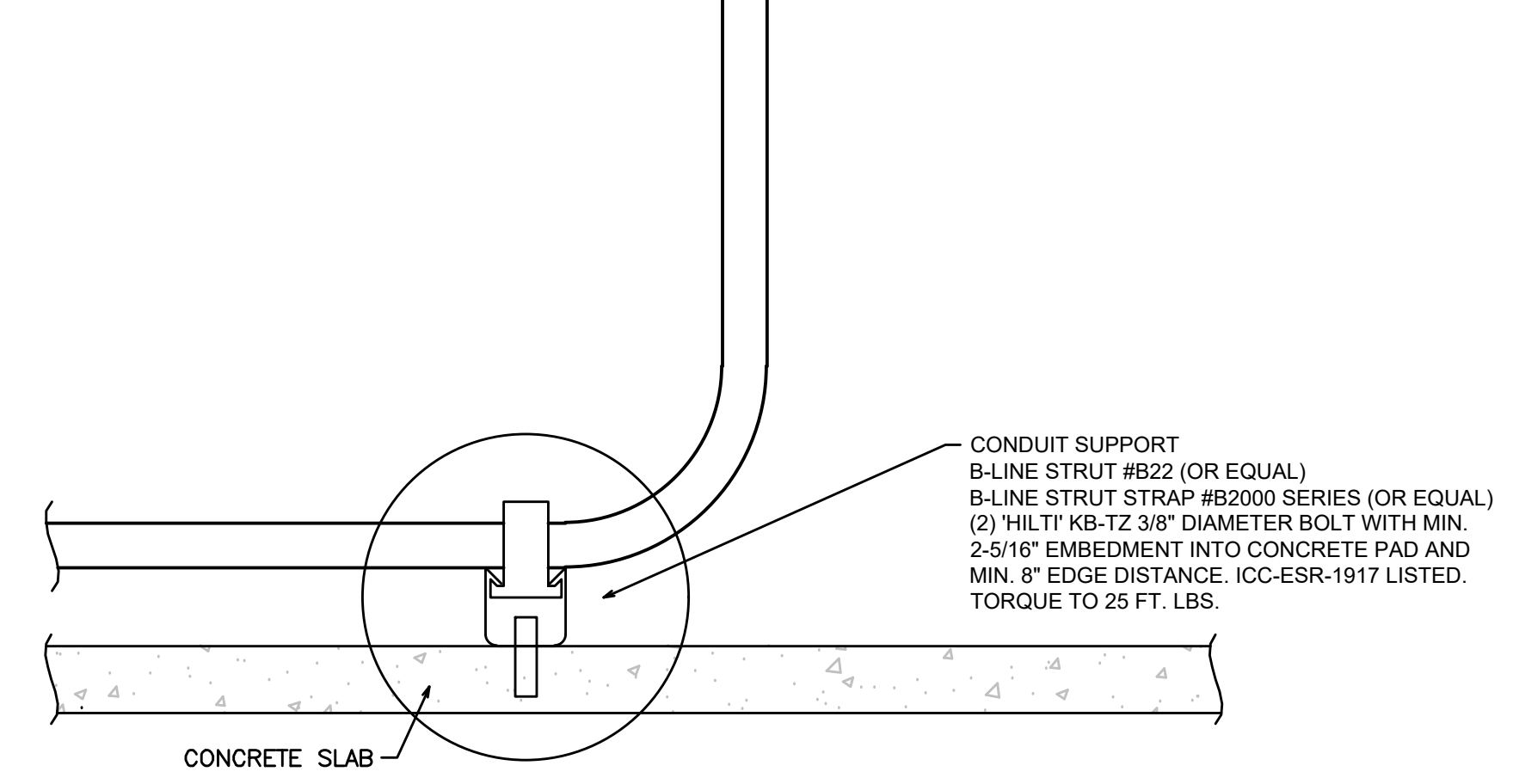
EQUIPMENT MOUNTED CONNECTION DETAIL NONE 4



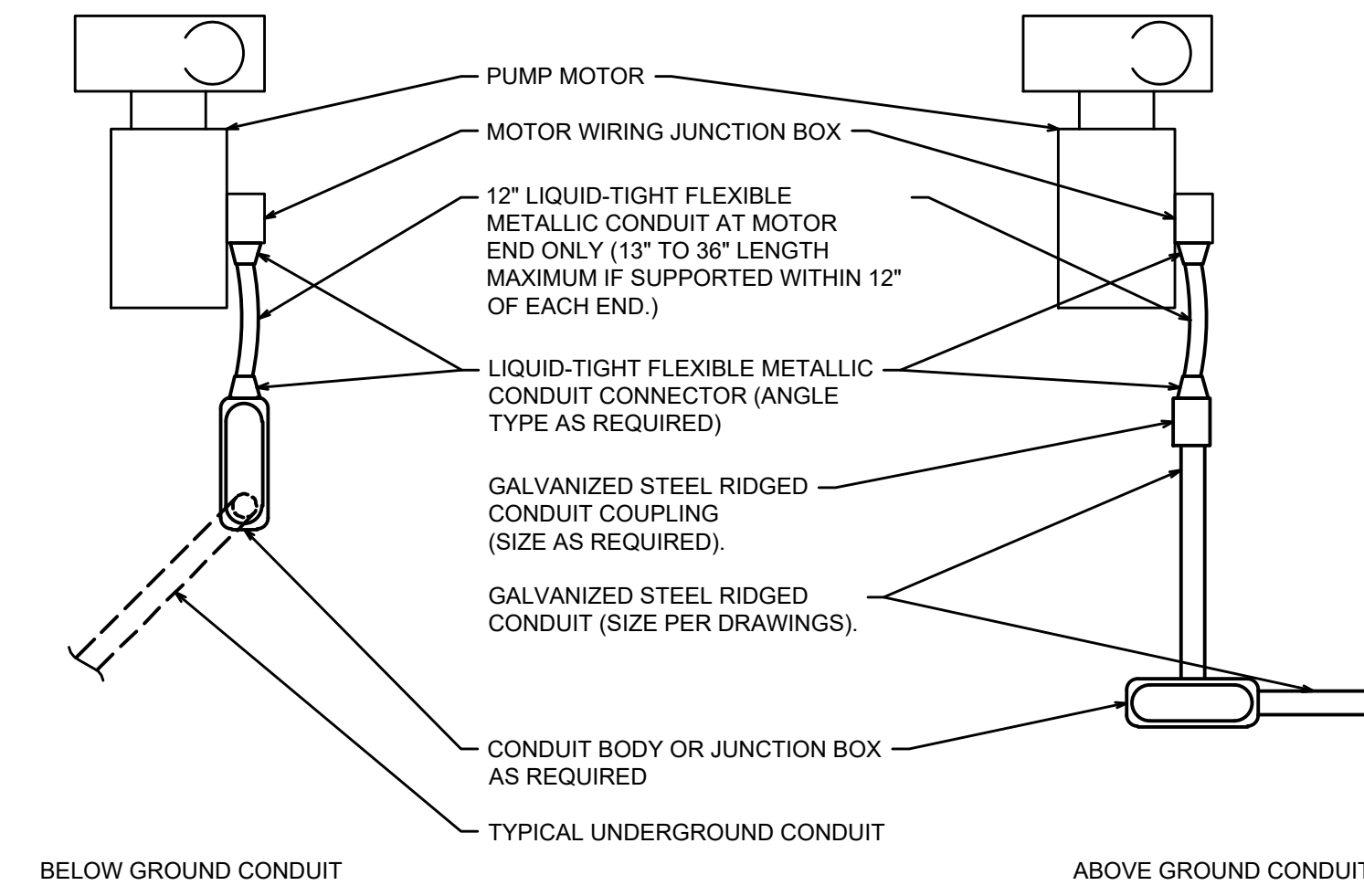
EQUIPMENT MOUNTED DISCONNECT CONNECTION DETAIL NONE 1



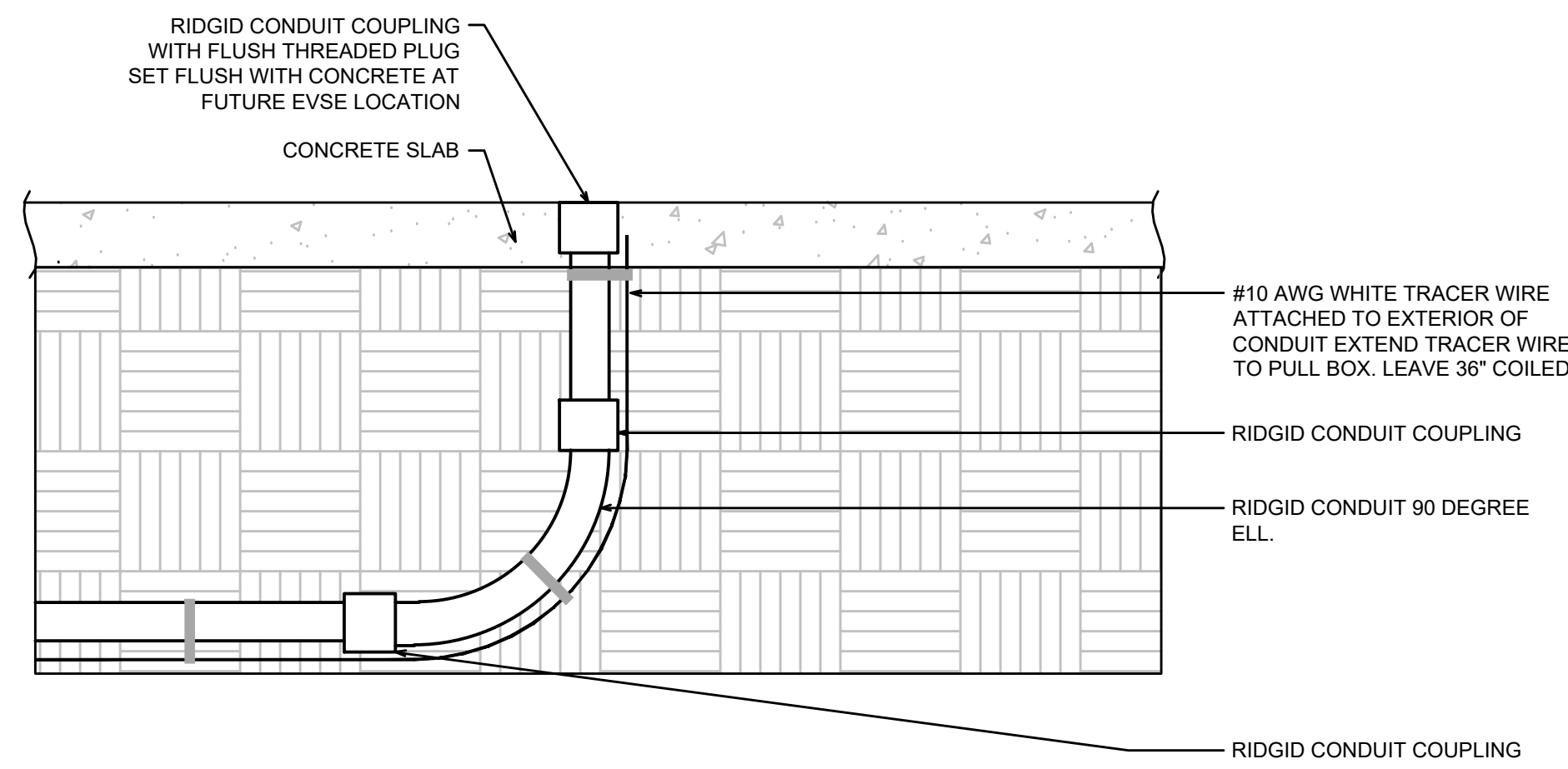
ROOF MOUNTED CONDUIT SUPPORT DETAIL NONE 7



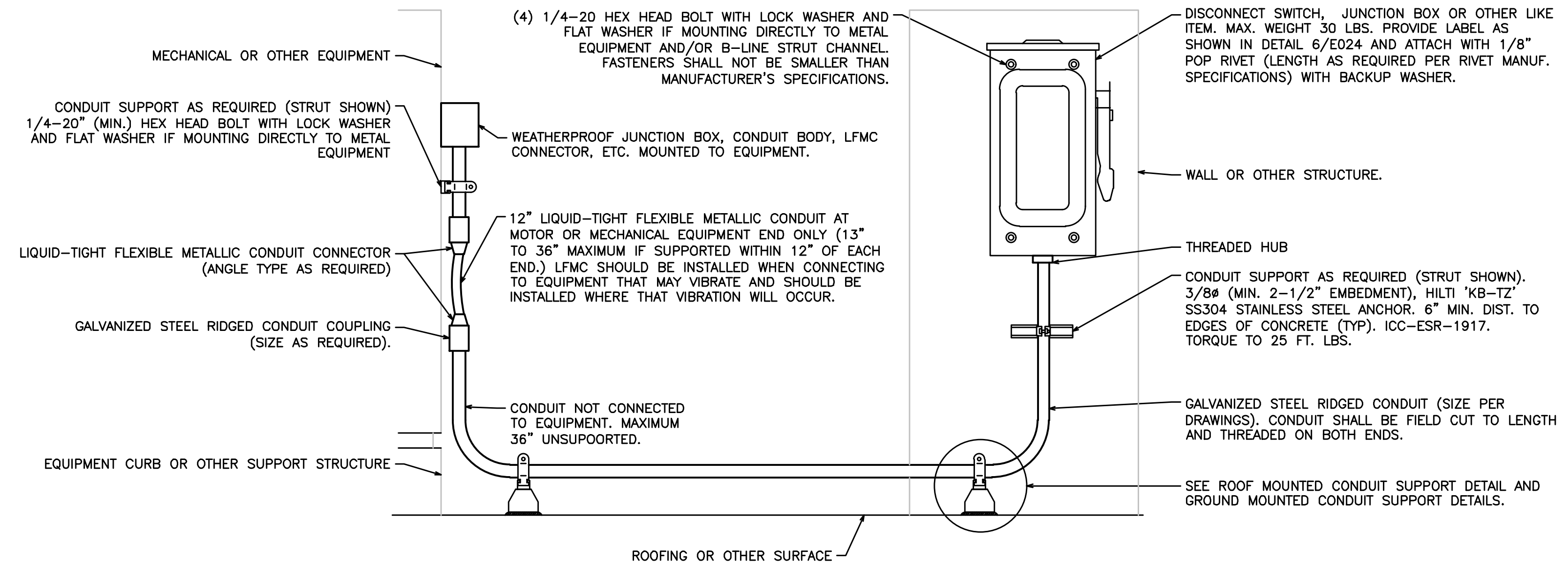
GROUND MOUNTED CONDUIT SUPPORT DETAIL NONE 5



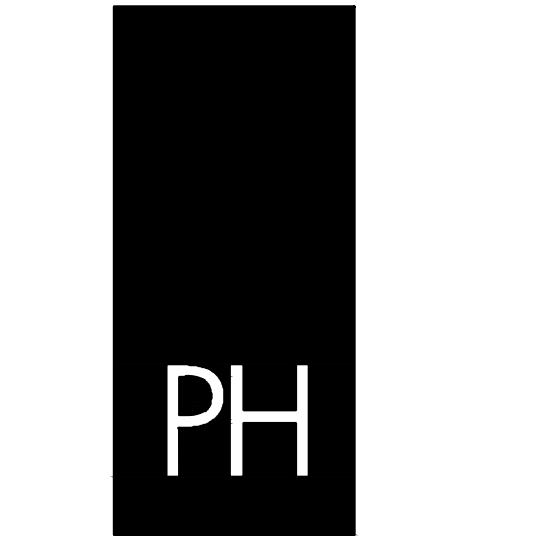
PUMP CONNECTION DETAIL NONE 2



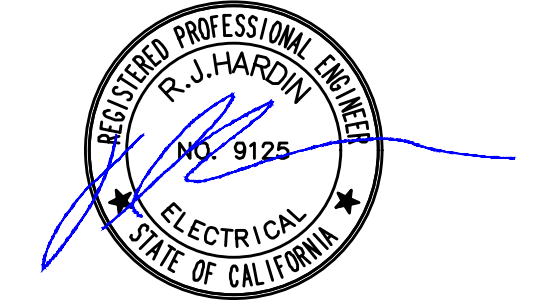
EVSE CONDUIT STUB DETAIL NONE 8



WALL MOUNTED DISCONNECT MOUNTING DETAIL NONE 3



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PROJECT: Clovis Landmark Square Senior Activity Center and Transit Center
735 Third Street, Clovis, CA 93612
SHEET: ELECTRICAL POWER DETAILS

DRAWING SET INFORMATION:

8/12/2020	BACKCHECK APPROVAL
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REVISIONS:

2	10/08/2020	ADDENDUM 01
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PROJECT NUMBER: 2016-39

SHEET NUMBER: AD1-E024

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

STATE OF CALIFORNIA
Outdoor Lighting
 NRC-10-1
 CERTIFICATE OF COMPLIANCE
 Project Name: Clovis Senior Activity Center (Report Page: (Page 3 of 10))
 Project Address: 735 3rd St. (Date Prepared: 10/9/2020)

CALIFORNIA ENERGY COMMISSION
 NRC-10-1
 (Page 3 of 10)
 10/9/2020

F. OUTDOOR LIGHTING FIXTURE SCHEDULE
 For new or altered lighting systems demonstrating compliance with §160.7, all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the Table below. For altered lighting systems using the Existing Power method per §161.20(b)(2), only new luminaires being installed and replacement luminaires being installed as part of the project scope are included (i.e. existing luminaires remaining or existing luminaires being moved are not included).
 Designated Wattage:

G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
Name or Item Tag	Complete Luminaire Description	Watts per luminaire ^{1,2}	How is Wattage determined ^{1,2}	Total number luminaires ²	Luminaire Status ²	Excluded per §160.7(a)	Design Watts	Cutoff Req. > 6,200 Initial lumens output §160.20(f)	Field Inspector
D	57w LED Linear	97	Mfr. Spec	3	New		291	NA < 6200 lumens	Pass
G4	105w LED Linear	105	Mfr. Spec	23	New		2,415	NA < 6200 lumens	Pass
S3	78w LED < 5 FL Linear	80	Mfr. Spec	2	New		160	Yes	Pass
S4	78w LED Linear	80	Mfr. Spec	12	New		960	Yes	Pass
XR3	15w LED Linear	15	Mfr. Spec	3	New		45	NA < 6200 lumens	Pass
XR6	30w LED Linear	30	Mfr. Spec	7	New		210	NA < 6200 lumens	Pass
							Total Design Watts:	4321	

¹ NOTES: Selections with a * require a note in the space below explaining how compliance is achieved.
² Luminaire is lighting a status: EXCEPTION 2 to §160.20.
³ FOOTNOTES: Authority having jurisdiction may ask for luminaire cut sheets to confirm wattage used for compliance per §160.20.
⁴ For linear luminaires, wattage should be indicated as W/L instead of Watts/Luminaire. Total linear feet should be indicated in column G5 instead of number of luminaires.
⁵ Select "New" for new luminaires in a new outdoor lighting project, or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select "Existing to Remain" for existing luminaires within the project scope that are not being altered and are remaining. Select "Existing Replaced" for existing luminaires which are being removed and replaced as part of the project scope.
⁶ Compliance with mandatory cutoff requirements is required for luminaires with initial lumens output >= 6,200 unless exempted by §160.20(f).

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
 Registration Date/Time: Report Version: 2019.1.003
 Report Generated: 2020-10-09 10:12:38
 Registration Provider: Energysoft
 Schema Version: rev 20190401

STATE OF CALIFORNIA
Outdoor Lighting
 NRC-10-1
 CERTIFICATE OF COMPLIANCE
 Project Name: Clovis Senior Activity Center (Report Page: (Page 4 of 10))
 Project Address: 735 3rd St. (Date Prepared: 10/9/2020)

CALIFORNIA ENERGY COMMISSION
 NRC-10-1
 (Page 4 of 10)
 10/9/2020

G. CUTOFF REQUIREMENTS (BUG)
 This table includes fixtures of >=6,200 initial lumens indicated on Table F as needing to comply with Cutoff Requirements. Maximum lumens can be found in Table 24, Part 11, Section 5.106.6.

Type	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11	G12
Name or Item Tag	Complete Luminaire Description	Mounting Height ¹	Max Allowable Backlight Rating ¹	Backlight Rating Pw Design	Lighting Type	Max Allowable Uplight Rating ¹	Uplight Rating Pw Design	Mounting Height ¹	Max Allowable Glare Rating ¹	Glare Rating Pw Design	Field Inspector
S1	78w LED	2 MH from property line	No Limit	BO	Area Lighting	UO	UO	2 MH from property line	G3	GO	Pass
S3	78w LED < 5 FL	Back hemisphere 0.5 Mft from prop line	B1	BO	Area Lighting	UO	UO	Back hemisphere 0.5 Mft from prop line	G0	GO	Pass
S4	78w LED	2 MH from property line	No Limit	BO	Area Lighting	UO	UO	2 MH from property line	G3	GO	Pass

¹ FOOTNOTES: Mounting Height is labeled MH in this table.
² Authority having jurisdiction may ask for Luminaire cut sheets or other documentation to confirm luminaire type, uplight ratings and glare ratings used for compliance per §160.20(f).
³ BUG ratings with a lower number than the "Max Allowable" are compliant. i.e. if Max Allowable is Bug Rating 4, then GO, G1, G2 and G3 are all compliant.

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H. OUTDOOR LIGHTING CONTROLS
 This table demonstrates compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For alteration projects, luminaires which are existing to remain (ie untouched) and luminaires which are removed and reinstalled (wiring only) do not need to be included in this table even if they are within the spaces covered by the permit application. When an option having a * is selected, the notes section of this table must be completed. The lighting controls section of the Compliance Summary Table on the first page will show "DOES NOT COMPLY" if the notes are left blank.

G1	G2	G3	G4	G5
Area Description	Shut-Off §130.20(c)(1)	Auto-Schedule §130.20(c)(2)	Motion Sensor §130.20(c)(1)	Field Inspector
Parking Lot	Astronomical Timer	Yes	Yes	Pass
Entrance Driveway	Astronomical Timer	Yes	Yes	Pass
Exterior	Astronomical Timer	Yes	NA, Facade, etc. <=24 ft	Pass

¹ NOTES: Controls with a * require a note in the space below explaining how compliance is achieved.
 OR: Not permitted by health & safety to be turned off. EXCEPTION 2 to §130.20(c).

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I. LIGHTING POWER ALLOWANCE (per §140.7)
 This table includes areas using allowance calculations per §160.7, General Hardcape Allowance as per Table 140.7.2.1, while "Use it or lose it" Allowances as per Table 140.7.2.2. Indicate which allowance are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance.
 Calculated General Hardcape Lighting Power Allowance per Table 140.7.2.1 (L2 & B & 4)
 This section does not apply to this project.
 Calculated General Hardcape Lighting Power Allowance per Table 140.7.2.2 (L2 & B & 3)

G2	G3	G4	G5	G6	G7	G8	G9	G10
Area Description	Surface Type	Illuminated Area (ft ²)	Allowed Density (W/ft ²)	Area Allowance (Watts)	Perimeter Length (ft)	Allowed Density (W/ft)	Linear Allowance (Watts)	Total General Allowance (Watts)
Pedestrian Hardcape	Concrete	9742	0.03	292.26	1977	0.4	790.8	1083.06
Vehicle Hardcape	Asphalt	46301	0.03	1389.03	1270	0.4	508.0	1897.06
								Initial Wattage Allowance for Entire Site (Watts): 250
								Total General Hardcape Allowance (Watts): 2908.08

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J. LIGHTING ALLOWANCE - PER APPLICATION
 This table includes areas using the wattage allowance per application from Table 140.7.2.1.

G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
Area Description	Application per Table 140.7.2.1	# of Locations	Allowance per Location ¹	Extra Allowance (Watts)	Luminaire Name or Item Tag	Watts per Luminaire	# of Luminaires	Design Watts	Additional Allowance (Watts)
Entrances	Building Entrance/Exit	10	19	190	XR3	15	3	45	190
					XR6	30	7	210	
									Total Design Watts for this Area: 255
									Total Allowance (Watts) All Areas: 190

¹ FOOTNOTES: Primary entrance applications are only available for senior care facilities, healthcare facilities, public stations, hospitals, fire stations, and emergency vehicle facilities.
² The Allowance per Location for ATMs is 100W for the first ATM and 50W for each additional per Table 140.7.2.1.
³ For luminaires indicated in Table F as linear, wattage in column G7 is W/L instead of Watts/Luminaire. Total linear feet should be indicated in column G8 instead of number of luminaires.

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
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STATE OF CALIFORNIA
Outdoor Lighting
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 CERTIFICATE OF COMPLIANCE
 Project Name: Clovis Senior Activity Center (Report Page: (Page 8 of 10))
 Project Address: 735 3rd St. (Date Prepared: 10/9/2020)

CALIFORNIA ENERGY COMMISSION
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M. LIGHTING ALLOWANCE - PER SPECIFIC AREA
 This table includes areas using the wattage allowance per specific area from Table 140.7.2.1. More than one specific area allowance may be taken in a single project, if applicable. However, multiple specific area allowances may not be taken for the exact same area on the site.

G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
Area Description	Specific Area Type per Table 140.7.2.1	Specific Area (ft ²)	Allowed Density (W/ft ²)	Extra Allowance (Watts)	Luminaire Name or Item Tag	Watts per Luminaire	# of Luminaires	Design Watts	Additional Allowance (Watts)
Building Canopy	NonSalesCanopy	5038	0.27	1360.26	G4	105	19	1,995	1360.26
									Total Design Watts for this Area: 1995
									Total Allowance (Watts) All Areas: 1360.26

¹ FOOTNOTES: See Table 140.7.2.1 for rules for calculating the specific area (ft²) for these additional lighting allowances.
² For luminaires indicated in Table F as linear, wattage in column G7 is W/L instead of Watts/Luminaire. Total linear feet should be indicated in column G8 instead of number of luminaires.

N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)
 This section does not apply to this project.

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
 Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTC). For more information visit: http://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCV/

Yes	No	Form/Title	Field Inspector
<input checked="" type="radio"/>	<input type="radio"/>	NIRC-LTO-G2-A - Must be submitted for all outdoor lighting controls except for alterations where controls are added to <= 20 luminaires.	Pass
<input type="checkbox"/>	<input type="checkbox"/>		Fail

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
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STATE OF CALIFORNIA
Outdoor Lighting
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 CERTIFICATE OF COMPLIANCE
 Project Name: Clovis Senior Activity Center (Report Page: (Page 9 of 10))
 Project Address: 735 3rd St. (Date Prepared: 10/9/2020)

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P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
 Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTC). For more information visit: http://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCV/

Yes	No	Form/Title	Field Inspector
<input checked="" type="radio"/>	<input type="radio"/>	NIRC-LTO-G2-A - Must be submitted for all outdoor lighting controls except for alterations where controls are added to <= 20 luminaires.	Pass
<input type="checkbox"/>	<input type="checkbox"/>		Fail

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
 Registration Date/Time: Report Version: 2019.1.003
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STATE OF CALIFORNIA
Outdoor Lighting
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 CERTIFICATE OF COMPLIANCE
 Project Name: Clovis Senior Activity Center (Report Page: (Page 10 of 10))
 Project Address: 735 3rd St. (Date Prepared: 10/9/2020)

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DOCUMENTATION AUTHORITY'S DECLARATION STATEMENT
 I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Authority Name: Richard J. Hardin, PE
 Signature Date: 10/9/2020
 Company: Hardin-Davidson Engineering
 Address: 356 Polkasky Ave, Ste 200
 Clovis CA 93612
 Phone: 559-323-4995

RESPONSIBLE PERSON'S DECLARATION STATEMENT
 I certify the following under penalty of perjury, under the laws of the State of California:
 1. The information provided on this Certificate of Compliance is true and correct.
 2. I am eligible under Division 7 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
 3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design conform to the requirements of Title 24, Part 1 and Part of the California Code of Regulations.
 4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
 5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the building official to the building owner or occupancy.

Responsible Designer Name: Richard J. Hardin, PE
 Signature Date: 10/9/2020
 Company: Hardin-Davidson Engineering
 Address: 356 Polkasky Ave Ste 200
 Clovis CA 93612
 Phone: 559-323-4995

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
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PROJECT:
Clovis Landmark Square Senior Activity Center and Transit Center
 735 Third Street, Clovis, CA 93612

SHEET: ELECTRICAL TITLE 24 DOCUMENTATION - SENIOR CENTER

DRAWING SET INFORMATION:

8/12/2020	BACKCHECK APPROVAL
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REVISIONS:

2	10/08/2020	ADDENDUM 01
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PROJECT NUMBER: 2016-39
 SHEET NUMBER: AD1-E032

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

STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION
NREC-101-E
CERTIFICATE OF COMPLIANCE
Project Name: Clovis Transit Center (Report Page: 4 of 10)
Project Address: 735 3rd St. (Date Prepared: 10/9/2020)

G. CUTOFF REQUIREMENTS (BUG)
This table includes fixtures of $\geq 6,000$ initial lumens indicated on Table F as needing to comply with Cutoff Requirements. Maximum lumens can be found in Title 24, Part 11, Section 5.106.6.

Type	02	03	04	05	06	07	08	09	10	11	12
Name or Item Tag	Complete Luminaire Description	Backlight Rating ¹	Max Allowable Backlight Rating ²	Backlight Rating Per Design	Lighting type	Max Allowable Uplight Rating ³	Uplight Rating Per Design	Mounting Height ⁴	Max Allowable Glare Rating ⁵	Glare Rating Per Design	Field Inspector
S1	78w LED	2 MH from property line	No Limit	80	Area Lighting	UD	UD	2 MH from property line	G3	G0	<input type="checkbox"/>
S2	78w LED	2 MH from property line	No Limit	80	Area Lighting	UD	UD	2 MH from property line	G3	G0	<input type="checkbox"/>
S3	78w LED	2 MH from property line	No Limit	80	Area Lighting	UD	UD	2 MH from property line	G3	G0	<input type="checkbox"/>
S4[1-2MH]	78w LED 1-2MH	Back hemisphere is 1.2 MH from prop line	No Limit	80	Area Lighting	UD	UD	Front hemisphere is 2.2 MH from prop line	G1	G0	<input type="checkbox"/>
S4	78w LED	2 MH from property line	No Limit	80	Area Lighting	UD	UD	2 MH from property line	G3	G0	<input type="checkbox"/>

FOOTNOTES: Mounting height is labeled MH in this table.
¹ Authority having jurisdiction may not be required to confirm luminaire type, uplight ratings and glare ratings used for compliance per §130.2(c).
² BUG ratings with a lower number than the "Max Allowable" are compliant. Ex. if Max Allowable is Bug Rating 84, then 80, 81, 82 and 83 are all compliant.

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CERTIFICATE OF COMPLIANCE
Project Name: Clovis Transit Center (Report Page: 5 of 10)
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H. OUTDOOR LIGHTING CONTROLS
This table demonstrates compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For alteration projects, luminaires which are existing to remain (ie untouched) and luminaires which are removed and reinstated (wiring only) do not need to be included in this table even if they are within the spaces covered by the permit application. When an option having a "Y" is selected, the notes section of this table must be completed. The lighting controls section of the Compliance Summary Table on the first page will show "DOES NOT COMPLY" if the notes are left blank.

01	02	03	04	05
Area Description	Shut-Off §130.2(c)(1)	Auto-Schedule §130.2(c)(2)	Motion Sensor §130.2(c)(3)	Field Inspector
Parking Lot	Astronomical Timer	Yes	Yes	<input type="checkbox"/>
Entrance Driveway	Astronomical Timer	Yes	Yes	<input type="checkbox"/>
Entrance	Astronomical Timer	Yes	NA: Facade, etc. <=24 ft	<input type="checkbox"/>

NOTES: Controls with a "Y" require a note in the space below explaining how compliance is achieved.
05: Not permitted by health & safety to be turned off. EXCEPTION 3 to §130.2(c).

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Project Name: Clovis Transit Center (Report Page: 6 of 10)
Project Address: 735 3rd St. (Date Prepared: 10/9/2020)

I. LIGHTING POWER ALLOWANCE (per §140.7)
This table includes areas using allowance calculations per §140.7. General Handicap Allowance is per §140.7.2.1 while "Use it or lose it" Allowances are per §140.7.2.2. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance.

Calculated General Handicap Lighting Power Allowance per Table 140.7-A (L2 0, 1 & 4)
This section does not apply to this project.
Calculated General Handicap Lighting Power Allowance per Table 140.7-A (L2 2 & 3)

02	03	04	05	06	07	08	09	10
Area Description	Surface Type	Illuminated Area (ft ²)	Allowed Density (W/ft ²)	Area Allowance (Watts)	Perimeter Length (ft)	Allowed Density (W/ft)	Linear Allowance (Watts)	Total General Allowance (Watts)
Vehicle Handicap	Asphalt	65904	0.03	1647.6	1977	0.4	494.25	2141.85
Initial Wattage Allowance for Entire Site (Watts):								350
Total General Handicap Allowance (Watts):								3026.42

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J. LIGHTING ALLOWANCE: PER APPLICATION
This table includes areas using the wattage allowance per application from Table 140.7-B.

01	02	03	04	05	06	07	08	09	10
Area Description	Application per Table 140.7-B ¹	Calculated Allowance (Watts)	Extra Allowance (Watts)	Luminaire Name or Item Tag	Watts per Luminaire	DESIGN WATTS	# of Luminaires	Design Watts	Additional Allowance (Watts)
Entrances	Building Entrance/Exit	5	19	95	X96	90	5	150	95
Total Allowance (Watts) All Areas:								150	95
Total Design Watts for this Area:								150	95

FOOTNOTES: Primary entrance applications are only available for senior care facilities, healthcare facilities, police stations, hospitals, fire stations, and emergency vehicle facilities.
¹ The Allowance per Location for ATMs is 100W for the first ATM and 25W for each additional per Table 140.7-B.
² For luminaires indicated in Table F on lines, wattage in column 07 is W/ft instead of Watts/Luminaire. Total linear feet should be indicated in column 08 instead of number of luminaires.

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Project Name: Clovis Transit Center (Report Page: 8 of 10)
Project Address: 735 3rd St. (Date Prepared: 10/9/2020)

K. LIGHTING ALLOWANCE: PER SPECIFIC AREA
This table includes areas using the wattage allowance per specific area from Table 140.7-B. More than one specific area allowance may be taken in a single project, if applicable. However, multiple specific area allowances may not be taken for the exact same area on the site.

01	02	03	04	05	06	07	08	09	10
Area Description	Specific Area Type per Table 140.7-B	Calculated Allowance (Watts)	Allowed Density (W/ft ²)	Extra Allowance (Watts)	Luminaire Name or Item Tag	Watts per Luminaire	# of Luminaires	Design Watts	Additional Allowance (Watts)
Building Canopy	NonSalesCanopy	4110	0.27	1109.7	G4	105	9	945	945
Total Design Watts for this Area:								945	945
Bus Canopy	NonSalesCanopy	960	0.27	259.2	G1	105	4	420	259.2
Total Design Watts for this Area:								420	259.2
Total Allowance (Watts) All Areas:								1204.2	1204.2

FOOTNOTES: See Table 140.7-B for rules for calculating the specific areas (A) for these additional lighting allowances.
¹ For luminaires indicated in Table F on lines, wattage in column 07 is W/ft instead of Watts/Luminaire. Total linear feet should be indicated in column 08 instead of number of luminaires.

L. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)
This section does not apply to this project.

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at: https://www.energy.ca.gov/title-24/2019standards/2019_compliance_documents/Nonresidential_Documents/NREC/

Yes	No	Form/Title	Field Inspector
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NIRC-LTD-01-E - Must be submitted for all buildings.	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NIRC-LTD-02-E - Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to be recognized for compliance.	<input type="checkbox"/>

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Project Address: 735 3rd St. (Date Prepared: 10/9/2020)

P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTC). For more information visit: https://www.energy.ca.gov/title-24/2019standards/2019

Yes	No	Form/Title	Field Inspector
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NIRC-LTD-02-A - Must be submitted for all outdoor lighting controls except for alterations where controls are added to <= 20 luminaires.	<input type="checkbox"/>

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
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Registration Provider: Energysoft
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Outdoor Lighting
CALIFORNIA ENERGY COMMISSION
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CERTIFICATE OF COMPLIANCE
Project Name: Clovis Transit Center (Report Page: 10 of 10)
Project Address: 735 3rd St. (Date Prepared: 10/9/2020)

Q. DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Richard J. Hardin, PE
Signature Date: 2020-10-09
Company: Hardin-Davidson Engineering
Address: 356 Polasky Ave. Ste 200
City/State: Clovis CA 93612
Phone: 559-323-4995

R. RESPONSIBLE PERSON'S DECLARATION STATEMENT
I certify the following order of priority, under the best of the date of California:

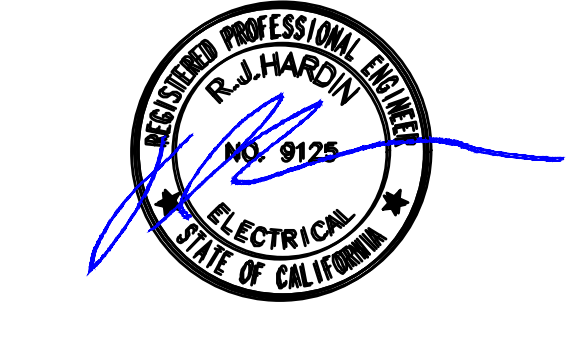
- The information provided on this Certificate of Compliance is true and correct.
- I am eligible under Division 1 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
- The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on the requirements of Title 24, Part 1 and Part of the California Code of Regulations.
- The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
- I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner or occupant.

Responsible Designer Name: Richard J. Hardin, PE
Signature Date: 2020-10-09
Company: Hardin-Davidson Engineering
Address: 356 Polasky Ave Ste 200
City/State: Clovis CA 93612
Phone: 559-323-4995

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20190401
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PROJECT:
Clovis Landmark Square Senior Activity Center and Transit Center
735 Third Street, Clovis, CA 93612

SHEET: ELECTRICAL TITLE 24 DOCUMENTATION - TRANSIT CENTER

DRAWING SET INFORMATION:

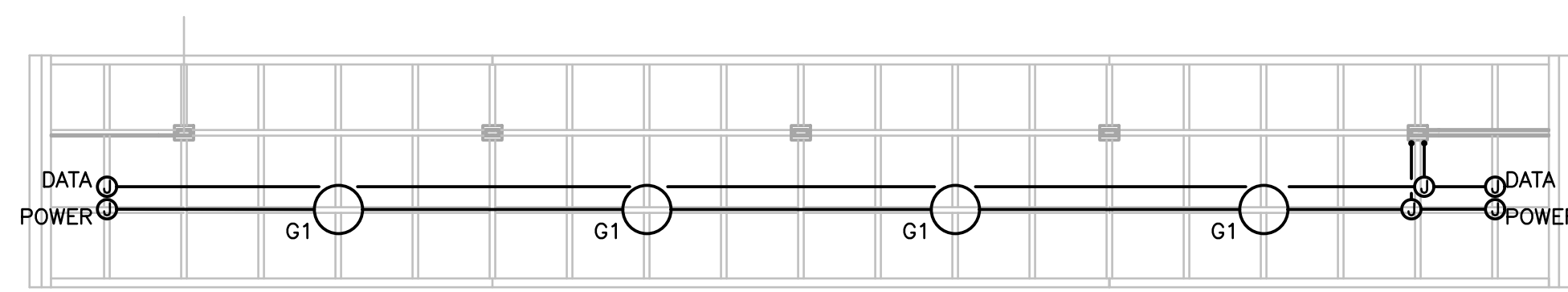
8/12/2020	BACKCHECK APPROVAL
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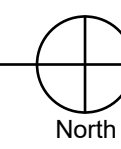
2	10/08/2020	ADDENDUM 01
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PROJECT NUMBER: 2016-39
SHEET NUMBER: AD1-E034

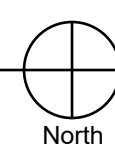
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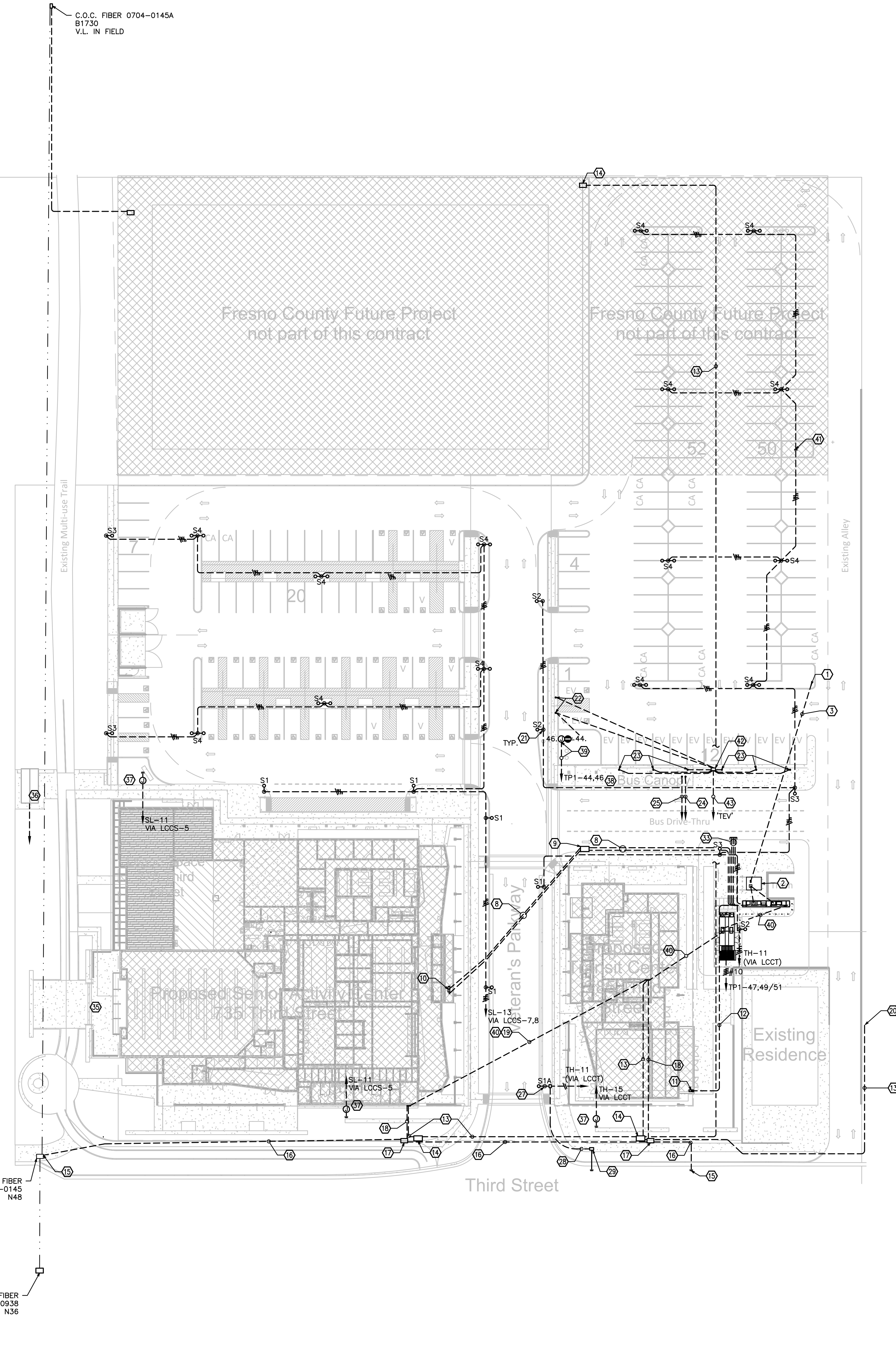
3 ENLARGED BUS CANOPY ELECTRICAL PLAN
1/8" = 1'-0"



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

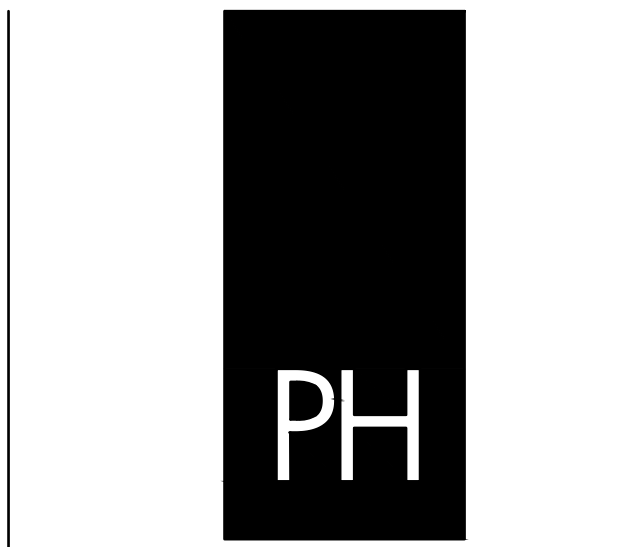


1 ELECTRICAL SITE PLAN
1" = 30'-0"



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, 3ø, 4W, 42KAIC, NEMA 3R.
- NEW TRANSPORTATION CENTER MAIN SWITCHBOARD 'MSB-T', 1000A, 277/480V, 3ø, 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/E023 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.
- 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 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/E01.
- FUTURE SINGLE VEHICLE CHARGER LOCATION. STUB 1" CONDUIT FLUSH WITH CONCRETE WITH GRC COUPLING AND PLUG. ROUTE CONDUIT TO EVSE PULLBOX, 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 PULLBOX, SEE KEYNOTE 42, THIS SHEET. PROVIDE PULL TAPE. INSTALL PER DETAIL 8/E024.
- 1"C-2#12, 1#12GND. TO 'TH-13 VIA LCT' 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 #1017 BOX, #1017-12 EXTENSION AND #1017-51.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 #1017 BOX, #1017-12 EXTENSION AND #1017-51.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, 3ø, 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"C-2#10, #10 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 CHRISTY #1017 BOX, #1017-12 EXTENSION AND #1017-51.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 #1324 BOX, B1324-12 EXTENSION AND B1324-51.H LID MARKED 'POWER'.
- PROVIDE AND INSTALL 2-2-1/2"C. (SPARE) TO PANEL 'EV' FOR FUTURE EVSE WIRING. PROVIDE PULL TAPE FOR FUTURE.



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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
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PROJECT NUMBER: 2016-39
SHEET NUMBER: AD1-E101



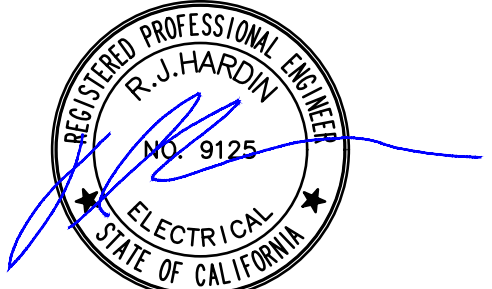
KEYNOTES

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.

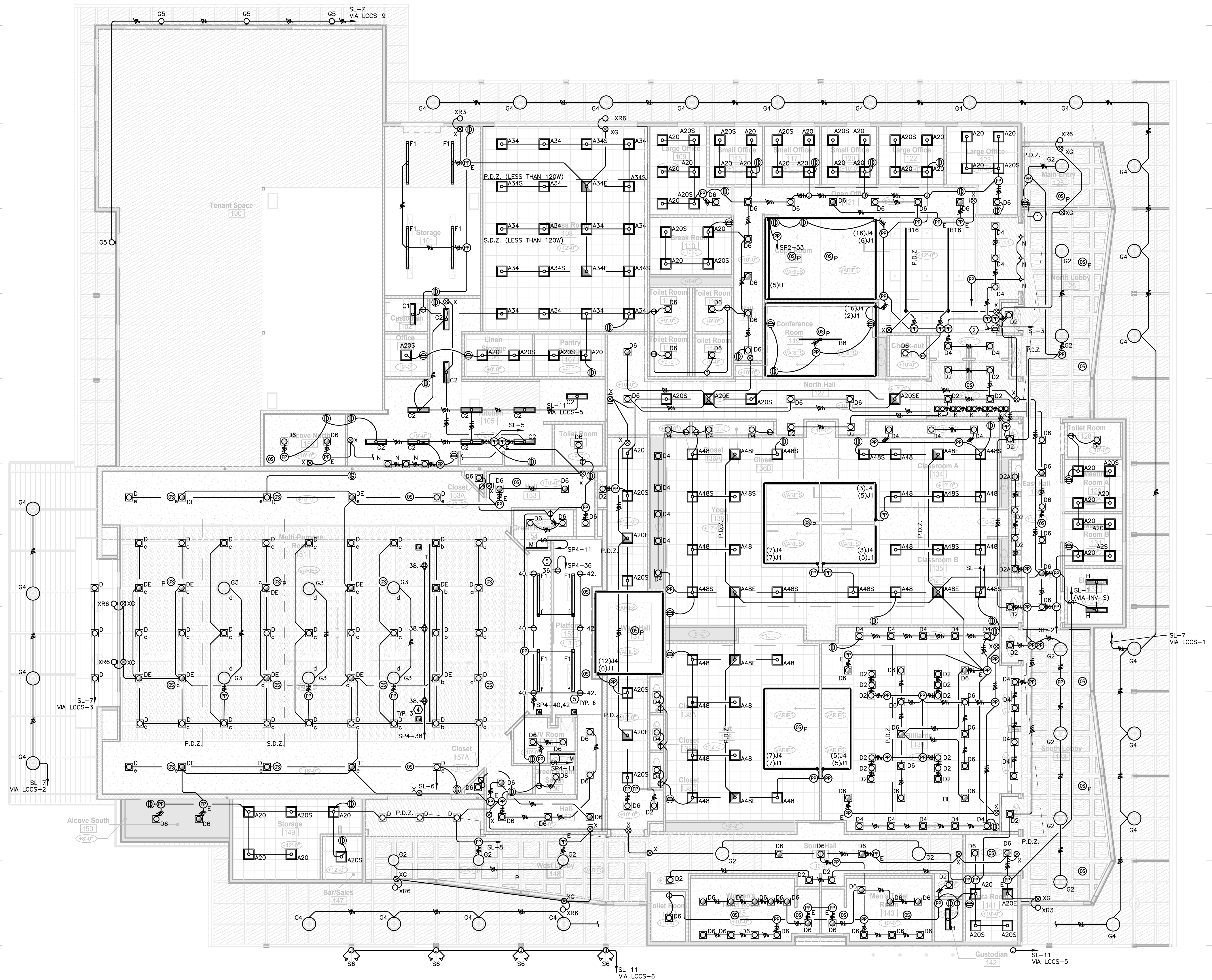
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PROJECT:
Clovis Landmark Square
Senior Activity Center and Transit Center
735 Third Street, Clovis, CA 93612

SHEET: SENIOR CENTER LIGHTING PLAN

DRAWING SET INFORMATION:

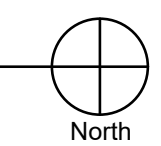
8/12/2020	BACKCHECK APPROVAL
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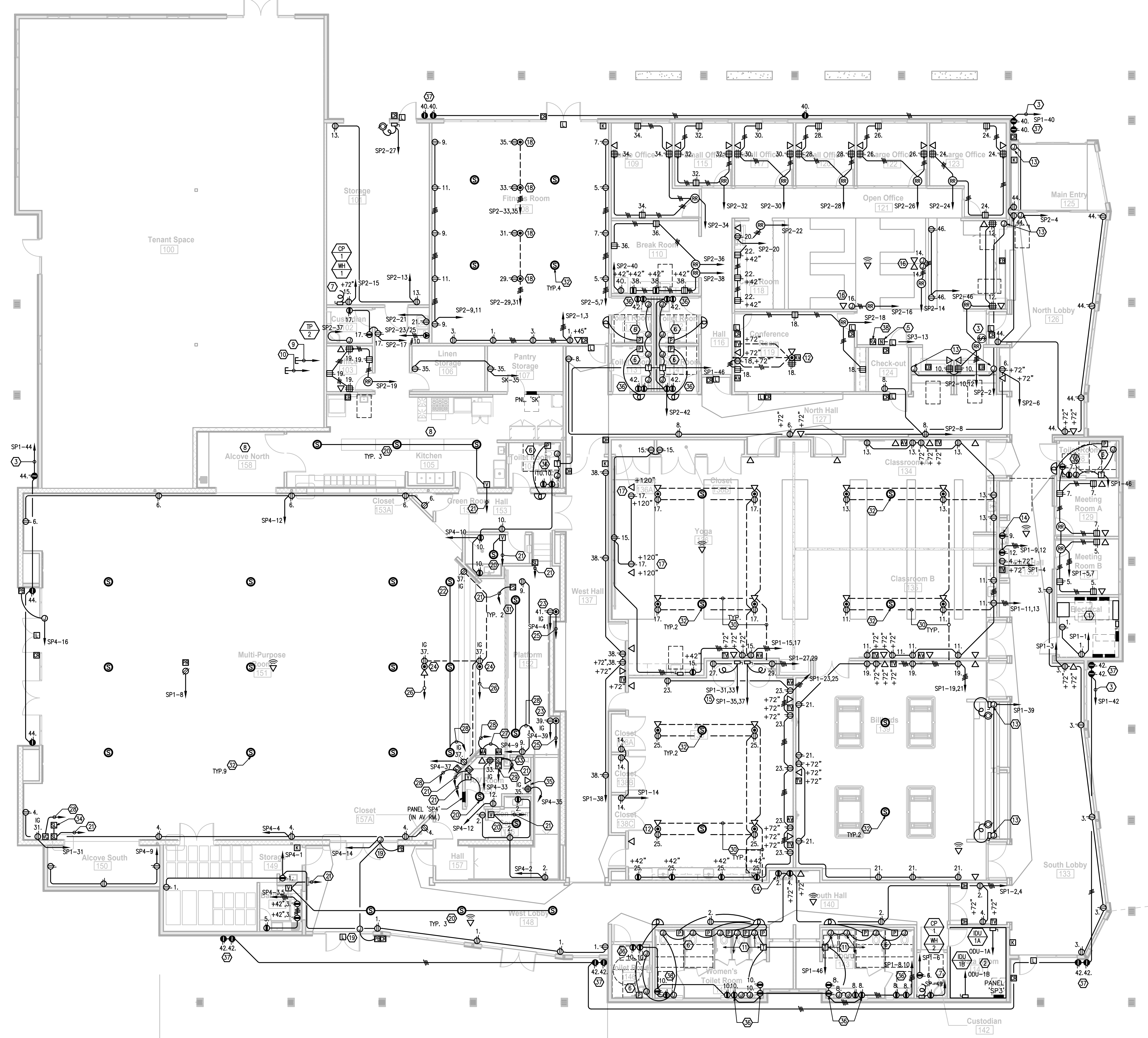
2	10/08/2020	ADDENDUM 01
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PROJECT NUMBER: 2016-39

SHEET NUMBER: AD1-E201



SM
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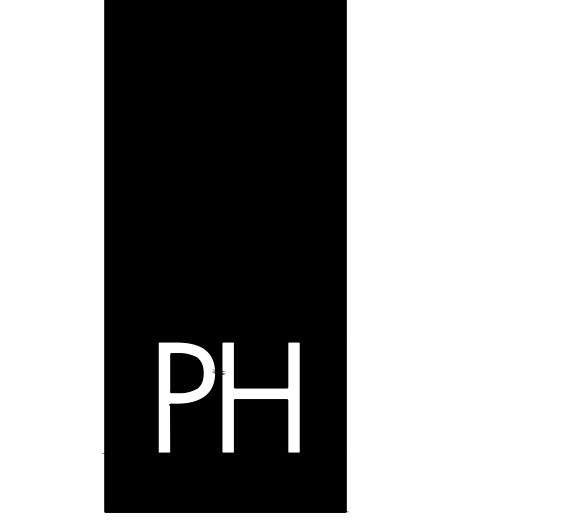
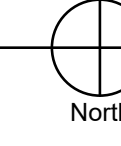
KEYNOTES

- 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" 3#10, 1#10 GRD. ROUTE HIGH AND LOW RECEPTACLE CIRCUITS THROUGH "LCCS" CONTROL, SEPARATE ZONES. PROVIDE 2 ZONE DIGITAL SWITCH IN 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 TECTONE TEK-CARE 120 OR APPROVED EQUAL. PROVIDE ALL WIRING, DEVICES, ACCESSORIES, ETC. AS REQUIRED FOR AN OPERABLE SYSTEM. VERIFY CATEGORY 6 CABLING 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 PULL STATIONS IN THAT RESTROOM. SEE KEYNOTE 5.
- DEDICATED RECEPTACLE FOR HOT WATER CIRCULATING PUMP FOR WATER HEATER. PROVIDE WATER HEATER PUMP AS REQUIRED.
- SEE SENIOR CENTER ENLARGED KITCHEN POWER PLAN ON SHEET E203 FOR DETAIL OF THE KITCHEN AREA.
- PROVIDE (2) 4" 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" 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 #8898 WITH 895 DUPLEX COVER PLATE WITH FLIP LID.
- 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" BETWEEN SPEAKERS AND VOLUME CONTROL STATION.
- 3/4" TO "BOX101" FOR AV CABLING.
- AV SYSTEM MAIN LOUD SPEAKERS. PROVIDE 3/4" 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" TO "BOX101" FOR AV CABLING.
- (2) 1" TO "BOX101" FOR AV CABLING.
- 1" FOR AV CABLING
- 1" TO "BOX101" FOR AV CABLING.
- PROVIDE 3 GANG BACKBOX FOR AUDIO/VIDEO CONTROL STATION WITH 1" TO "BOX101" FOR AV CABLING. MOUNT AT +42".
- PROVIDE 1-1/4" BETWEEN FLOOR BOXES FOR FUTURE LOW VOLTAGE CABLING. PROVIDE 1-1/4" TO DATA ROOM.
- CEILING MOUNTED MONITOR SPEAKER. PROVIDE 3/4" 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 FROM EACH INDIVIDUAL ROOM TO PLAY IN ONLY THAT ROOM. SYSTEM SHALL ALSO ACCEPT AN INPUT FROM A CENTRAL POINT (LOCATION AS DIRECTED BY CITY) AS AN ALL-CALL TO ALL 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".
- 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 COUNTERS.
- PROVIDE (1) RECEPTACLE AT +18" AND (1) RECEPTACLE 6" BELOW TOP OF WALL FOR SEASONAL/EVENT LIGHTING.
- GENERATOR REMOTE ANNUNCIATOR. PROVIDE 1" TO DATA ROOM. SEE RISER DIAGRAM 1/E021.

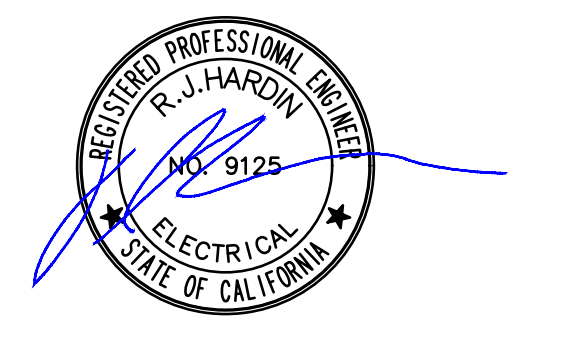
NOTE TO CONTRACTOR

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.



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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

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

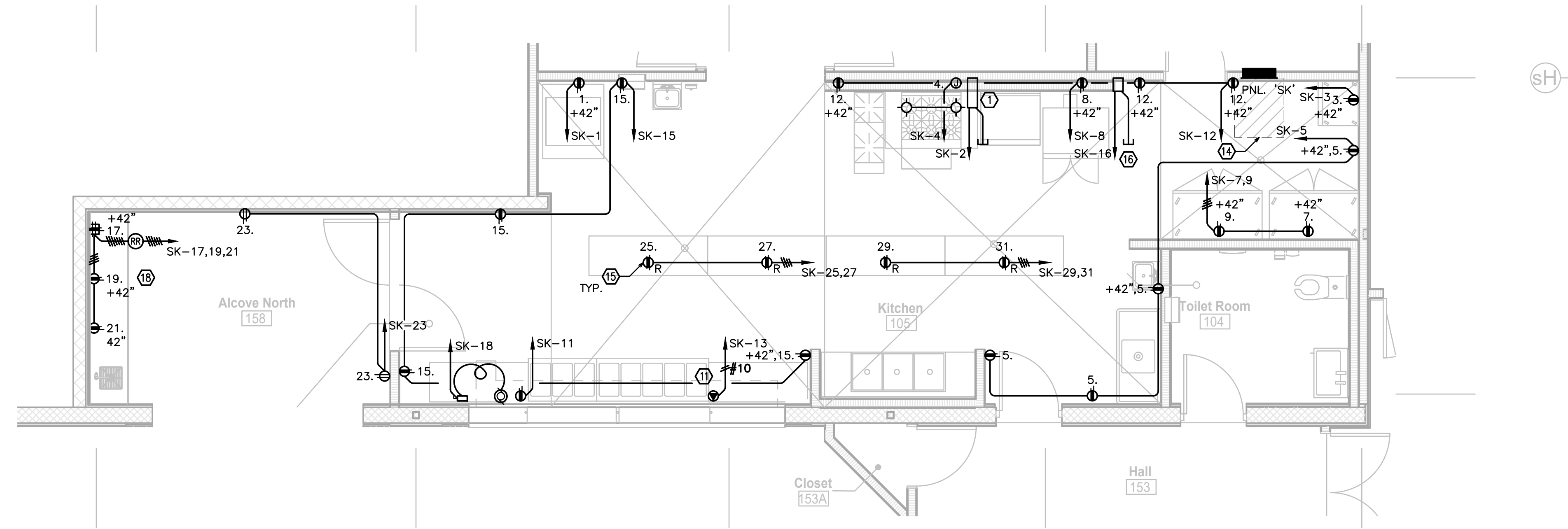
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8/12/2020	BACKCHECK APPROVAL
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2	10/08/2020 ADDENDUM 01

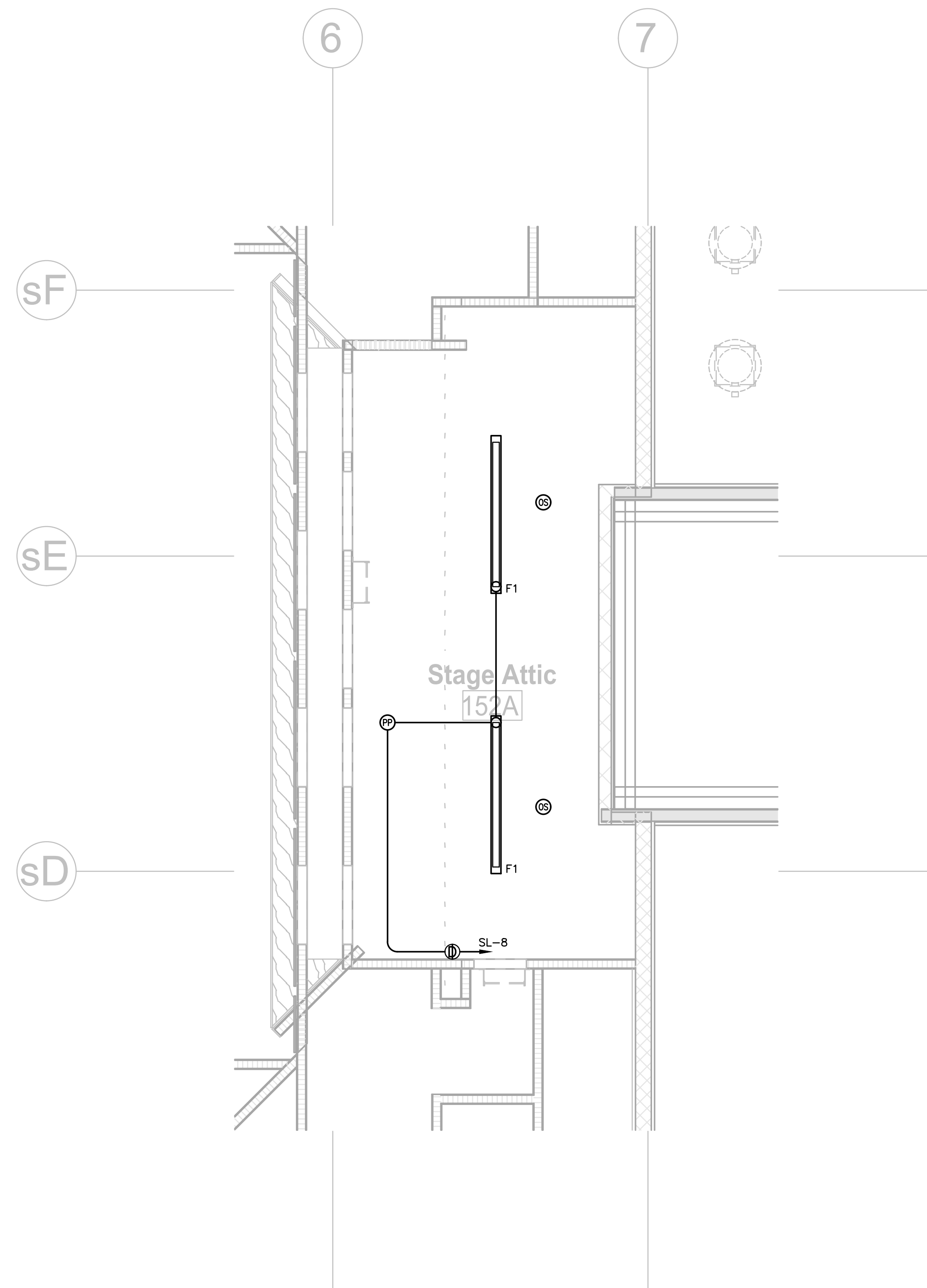
PROJECT NUMBER:
2016-39

SHEET NUMBER:
AD1-E202

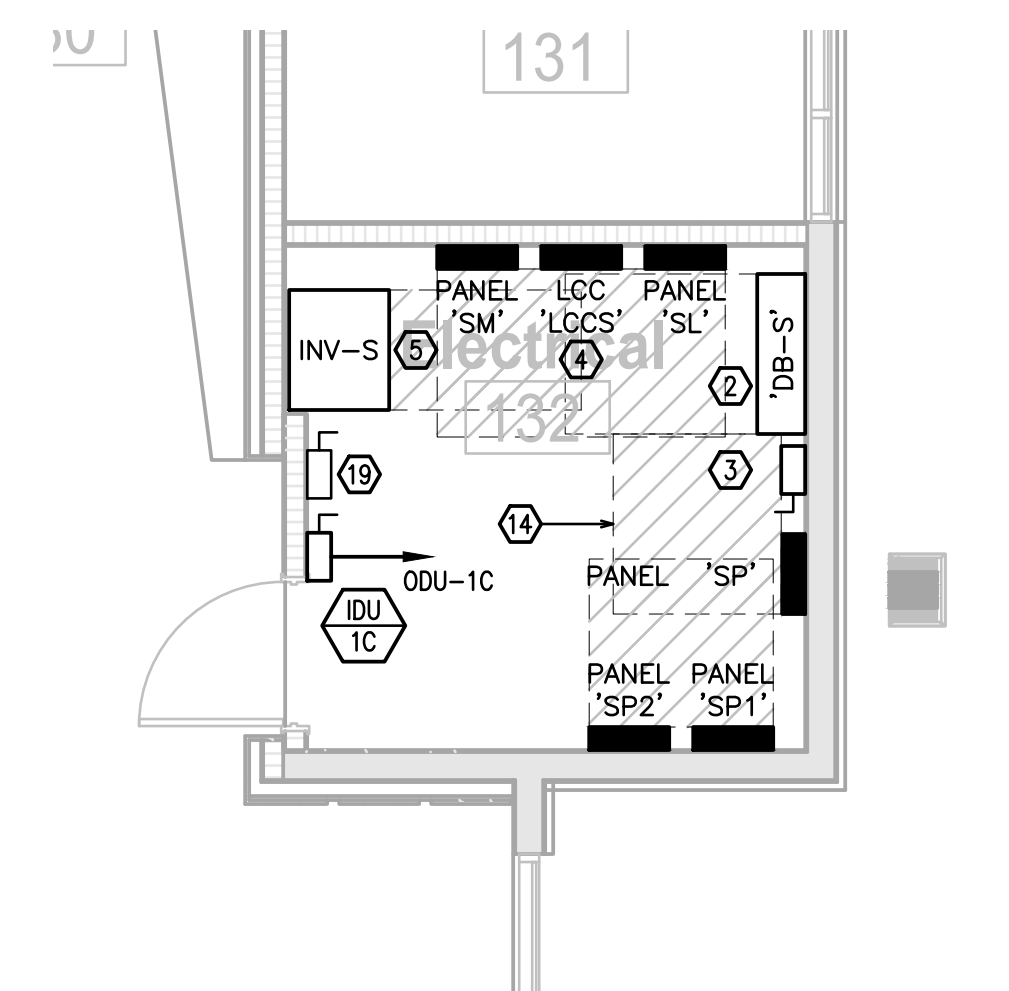
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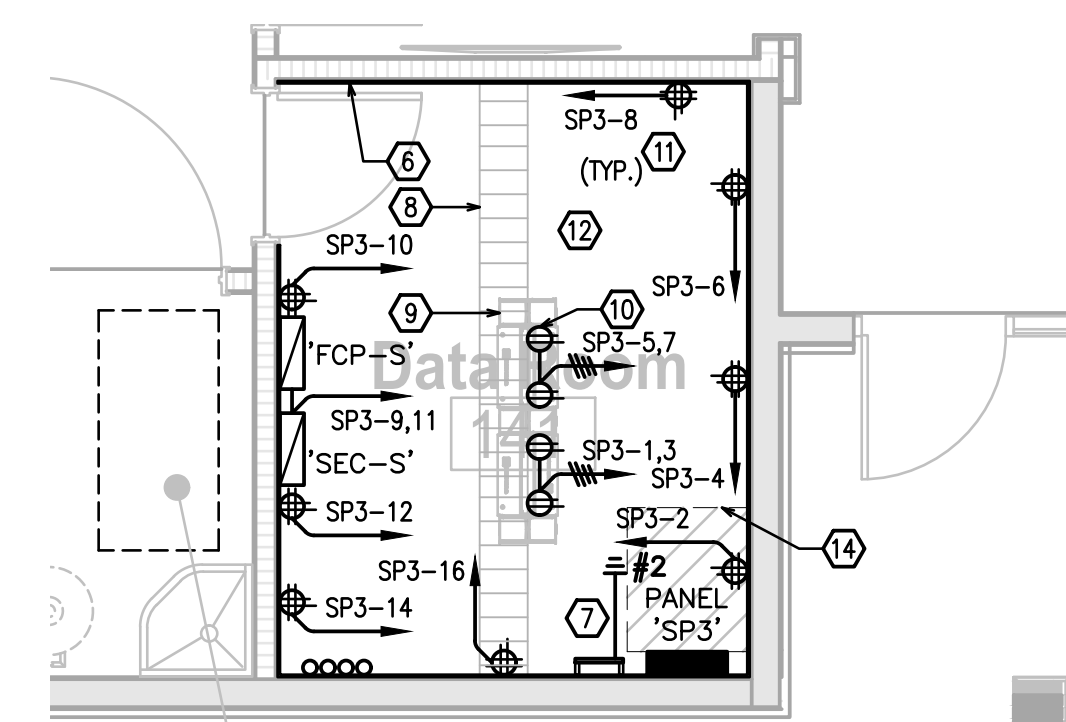
1 SENIOR CENTER ENLARGED KITCHEN POWER PLAN
1/4" = 1'-0"



4 SENIOR CENTER ENLARGED ABOVE STAGE POWER PLAN
1/4" = 1'-0"



2 SENIOR CENTER ENLARGED ELECTRICAL ROOM POWER PLAN
1/4" = 1'-0"



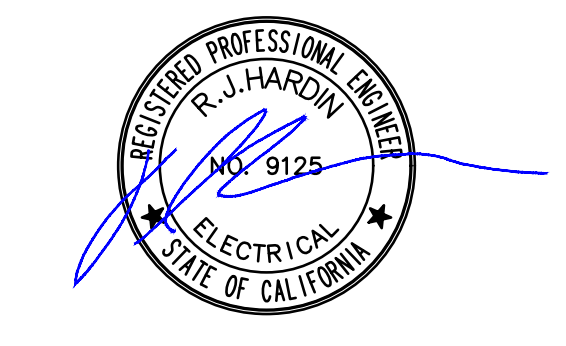
3 SENIOR CENTER ENLARGED DATA ROOM POWER PLAN
1/4" = 1'-0"

KEYNOTES

- HOOD CONTROLLER: CONNECT ALL ELECTRICAL PORTIONS, INCLUDING OUTLETS, LIGHTS, GAS SOLENOID, EXHAUST FAN, MAKE-UP AIR, TEMPERATURE SENSORS, AND CONTROLS. MOUNT CONTROL SWITCHES BELOW CONTROLLER. REFER TO MFG'R DRAWINGS. STUB 1" TO ACCESSIBLE CEILING SPACE AND PROVIDE (2) CAT6 CABLE TO DATA ROOM FOR CONNECTIONS AS REQUIRED.
- DISTRIBUTION BOARD 'DB-S': SEE SINGLE LINE DIAGRAM FOR MORE INFORMATION. PROVIDE 2'H HOUSEKEEPING PAD EXTENDING 4" ON ALL SIDES. PROVIDE ENGRAVED RED LABEL WITH WHITE LETTERS INDICATING 'SENIOR BUILDING DISCONNECT #1 OF 2. POWER SOURCE IS PROVIDED BY UTILITY AND STAND-BY GENERATOR.'
- ENCLOSED CIRCUIT BREAKER FOR TENANT SPACE BUILDING DISCONNECT. PROVIDE CONDUIT STUB INTO TENANT SPACE PER POWER PLAN E202. SEE SINGLE LINE DIAGRAM FOR CIRCUIT BREAKER INFORMATION. PROVIDE ENGRAVED RED LABEL WITH WHITE LETTERS INDICATION 'SENIOR BUILDING DISCONNECT #2 (TENANT SPACE) OF 2. POWER SOURCE IS PROVIDED BY UTILITY ONLY.'
- 16 RELAY (MIN) LIGHTING CONTROL CABINET/RELAY PANEL 'LCCS' WITH 0-10V DIMMING CHANNELS TO INTEGRATE WITH BUILDING LIGHTING CONTROL SYSTEM. 'LCCS' MAY PROVIDE SWITCHING/DIMMING FOR INTERIOR AS WELL AS EXTERIOR FIXTURES INSTEAD OF DISTRIBUTED LIGHTING CONTROLS. MOUNT OTHER LIGHTING CONTROL EQUIPMENT BELOW 'LCCS' AS REQUIRED. PROVIDE (1) CAT6 CABLE PER EQUIPMENT ENCLOSURE TO DATA ROOM FOR CONNECTION TO BUILDING LAN/CITY WAN. VERIFY CATEGORY CABLING COLOR WITH CITY PRIOR TO INSTALLATION.
- INVERTER 'INV-S'. SEE FIXTURE SCHEDULE FOR INFORMATION. PROVIDE 2'H HOUSEKEEPING PAD EXTENDING 4" ON ALL SIDES. PROVIDE CAT6 CABLE TO DATA ROOM FOR CONNECTION TO BUILDING LAN/CITY WAN.
- PROVIDE 5/8" FIRE RESISTANT PLYWOOD ON ALL WALLS, FLOOR TO CEILING, UNPAINTED. PROVIDE FIRE STOPPING AT ALL PENETRATIONS.
- PROVIDE 4"x12" GROUND BAR PER CITY STANDARDS. BOND ALL RACKS AND RACEWAYS TO GROUND BAR WITH #6 CU. PANDUIT #GB4A06061
- PROVIDE OVERHEAD LADDER RACK PER CITY STANDARDS. B-LINE #S813AL12FB
- PROVIDE (2) 2-POST 45U EQUIPMENT RACK, (3) 6"WIDE VERTICAL CABLE MANAGERS AND HORIZONTAL CABLE MANAGERS PER CITY STANDARDS. RACK: CHATSWORTH #48353-703 VERTICAL WIRE MANAGER: PANDUIT #WMPHC45E HORIZONTAL WIRE MANAGER: PANDUIT #WMPHC45E
- PROVIDE (2) DUPLEX RECEPTACLES PER EQUIPMENT RACK PER CITY STANDARDS. MOUNT TO OVERHEAD LADDER RACK.
- ALL RECEPTACLES TO BE MOUNTED +42" A.F.F. UNLESS OTHERWISE NOTED. VERIFY EXACT HEIGHT PRIOR TO INSTALLATION WITH CITY REPRESENTATIVE.
- VERIFY EXACT LAYOUT OF DATA ROOM WITH CITY REPRESENTATIVE PRIOR TO INSTALLATION.
- PROVIDE 15-30R RECEPTACLE. VERIFY EXACT REQUIREMENTS PRIOR TO INSTALLATION. OWNER PROVIDED STEAM TABLE.
- REQUIRED WORKING CLEARANCE PER C.E.C. TYPICAL ALL PANELS AND EQUIPMENT.
- PROVIDE CEILING MOUNTED CORD REEL. SEE DETAIL 7/E023. COORDINATE EXACT LOCATION IN FIELD WITH OTHER TRADES, EQUIPMENT AND OWNER'S REPRESENTATIVE.
- CONNECT ANSUL SYSTEM AS REQUIRED. PROVIDE DEDICATED CIRCUIT 'SK-22'. COORDINATE WITH SUPPLIER.
- CONNECT TO MOTORIZED WINDOW/DOOR. COORDINATE REQUIREMENTS WITH SUPPLIER.
- AT ALCOVE COUNTER PROVIDE AND INSTALL (3) CONSTANT POWER GFCI-PROTECTED DUPLEX RECEPTACLES AT +42". PROVIDE AND INSTALL ONE (1) OCCUPANCY CONTROLLED RECEPTACLE AT +42" NO FURTHER THAN 6" FROM ANY RECEPTACLE ON COUNTER.
- DEDICATED SPACE FOR FUTURE 200A/480V/4P/NEMA1 VERIFIABLE SOLAR DISCONNECT SWITCH.

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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
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REVISIONS:

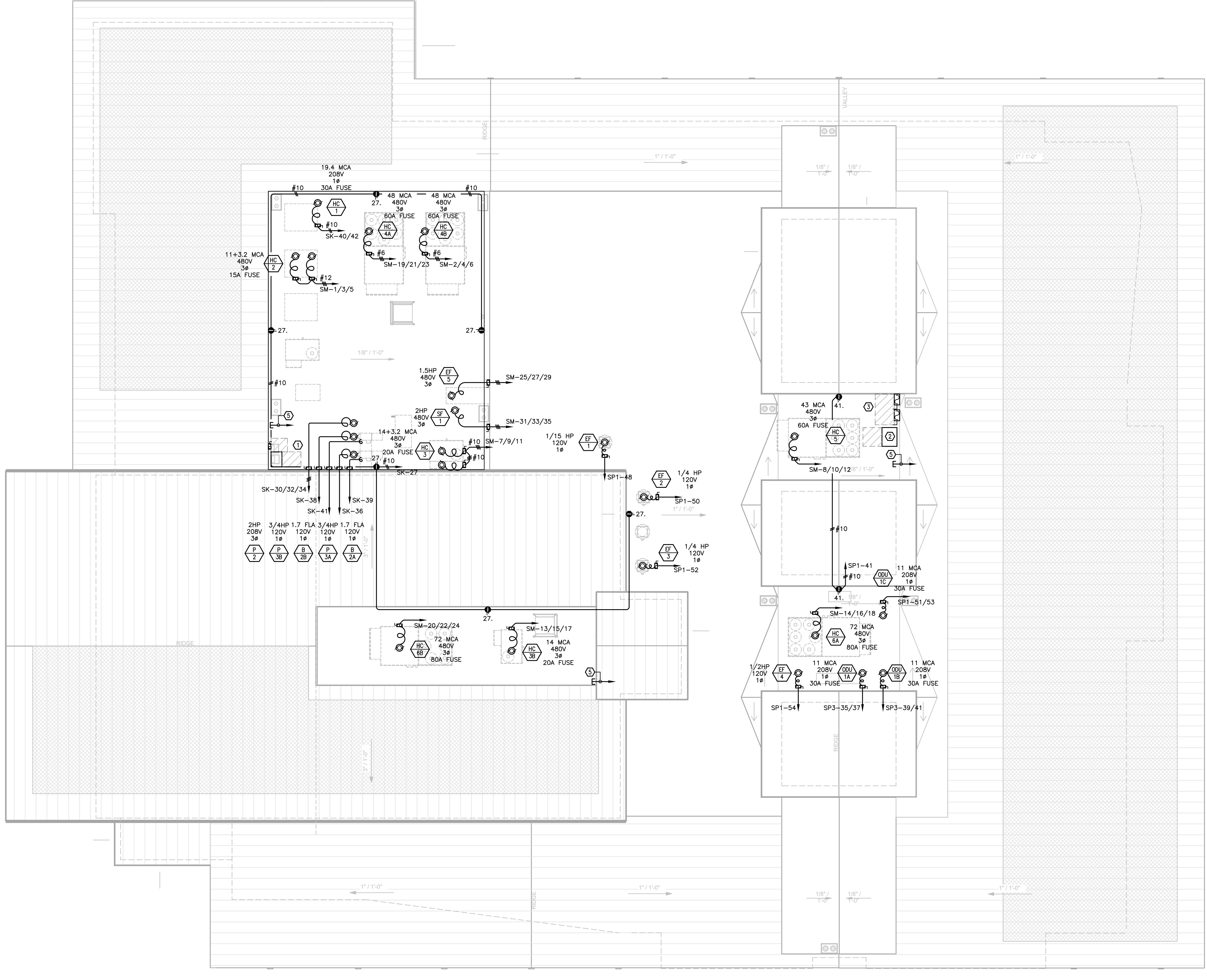
2	10/08/2020	ADDENDUM 01

PROJECT NUMBER:
2016-39

SHEET NUMBER:
AD1-E203

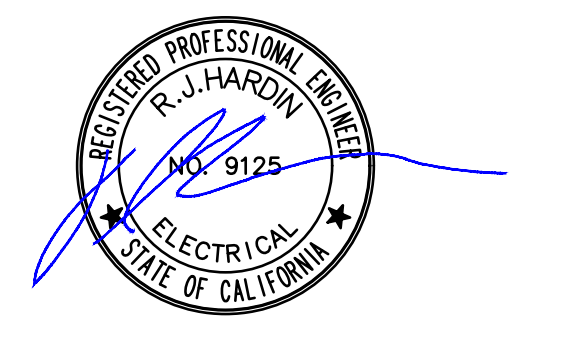
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SM
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SJ
SI
SH
SG
SF
SE
SD
SC
SB
SA



- KEYNOTES**
1. FUTURE TENANT SPACE TRANSFORMER. FOR REFERENCE ONLY.
 2. TRANSFORMER 'TS', ROOF MOUNTED. SEE SINGLE LINE DIAGRAM.
 3. TRANSFORMER 'TS' SECONDARY FUSED DISCONNECT SWITCHES. SEE SINGLE LINE DIAGRAM. MOUNT TO MECHANICAL WELL SCREEN STRUCTURE.
 4. ALL CONDUCTORS ORIGINATING, TERMINATING OR PRESENT ON THE ROOF SHALL BE RATED XHHW-2.
 5. PROVIDE 1-1/2" STUB FROM ROOF TO FUTURE SOLAR DISCONNECT IN ELECTRICAL ROOM FOR FUTURE SOLAR. SEE DETAIL 2/E203. VERIFY THAT STUB LOCATION ON ROOF WILL PROVIDE FOR WALL MOUNTED EQUIPMENT WITH A 12" DEPTH BY 36" WIDE WITH A 42" DEPTH OF WORKING CLEARANCE. COORDINATE WITH OTHER TRADES PRIOR TO INSTALLATION.

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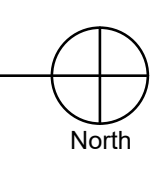


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PROJECT:
 Clovis Landmark Square
 Senior Activity Center and Transit Center
 735 Third Street, Clovis, CA 93612

SHEET: SENIOR CENTER ROOF POWER PLAN

1 SENIOR CENTER ROOF POWER PLAN
 1/8" = 1'-0"



DRAWING SET INFORMATION:

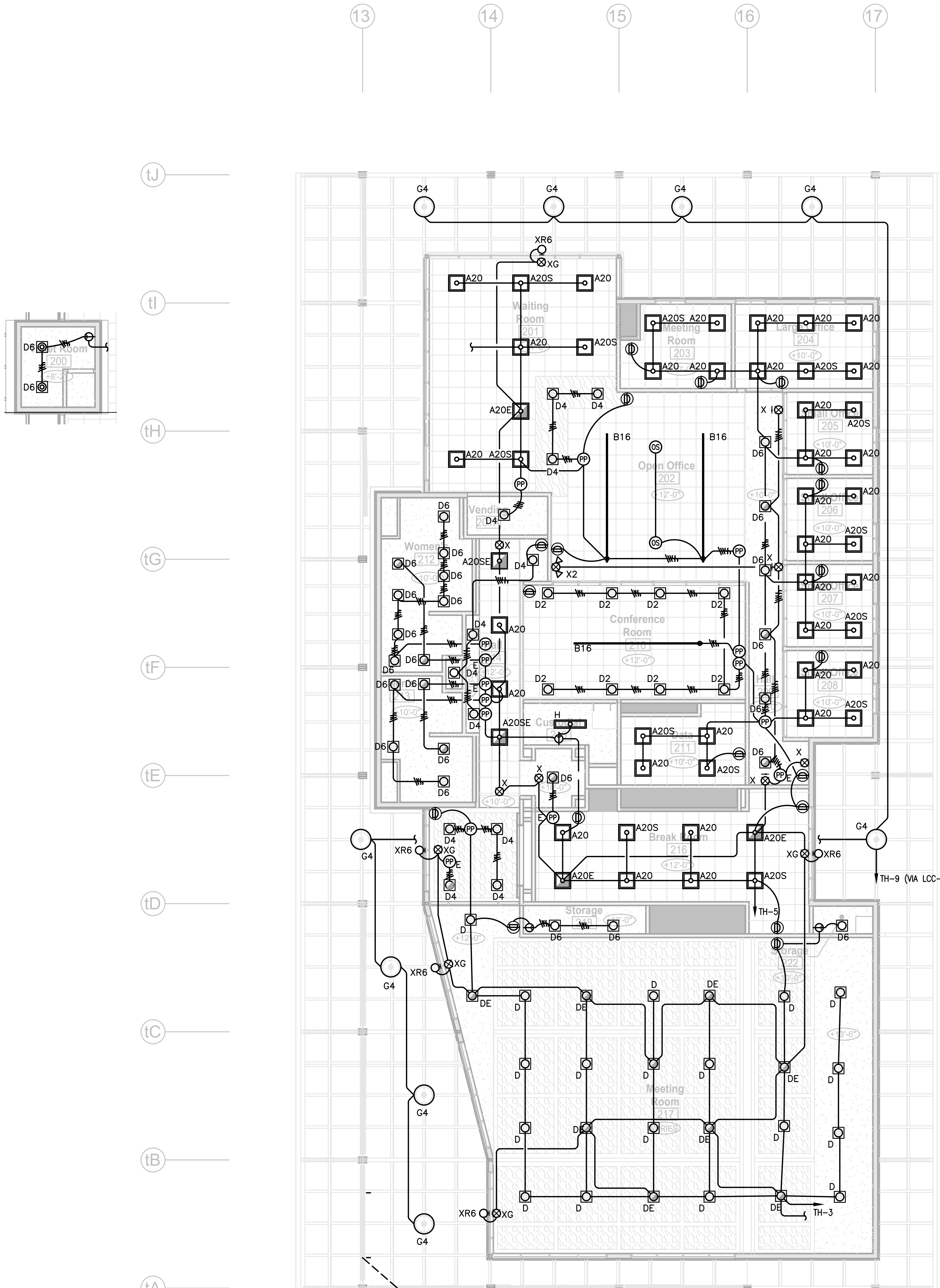
8/12/2020	BACKCHECK APPROVAL
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REVISIONS:

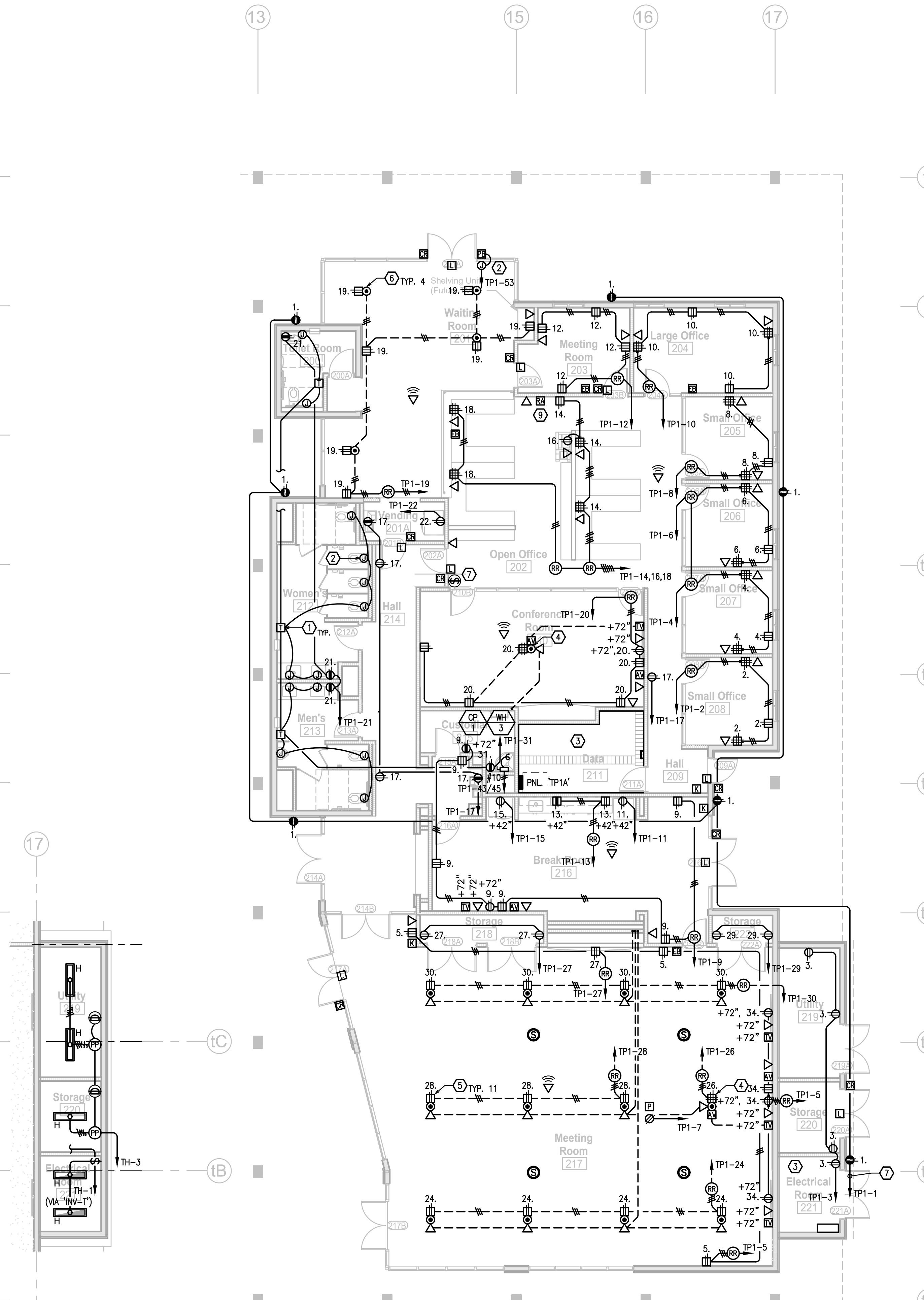
2	10/08/2020	ADDENDUM 01

PROJECT NUMBER: 2016-39
SHEET NUMBER: AD1-E204

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

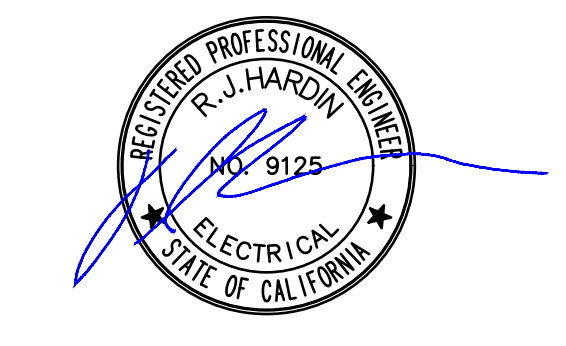


2 TRANSIT CENTER POWER & DATA PLAN
1/8" = 1'-0"

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.

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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:

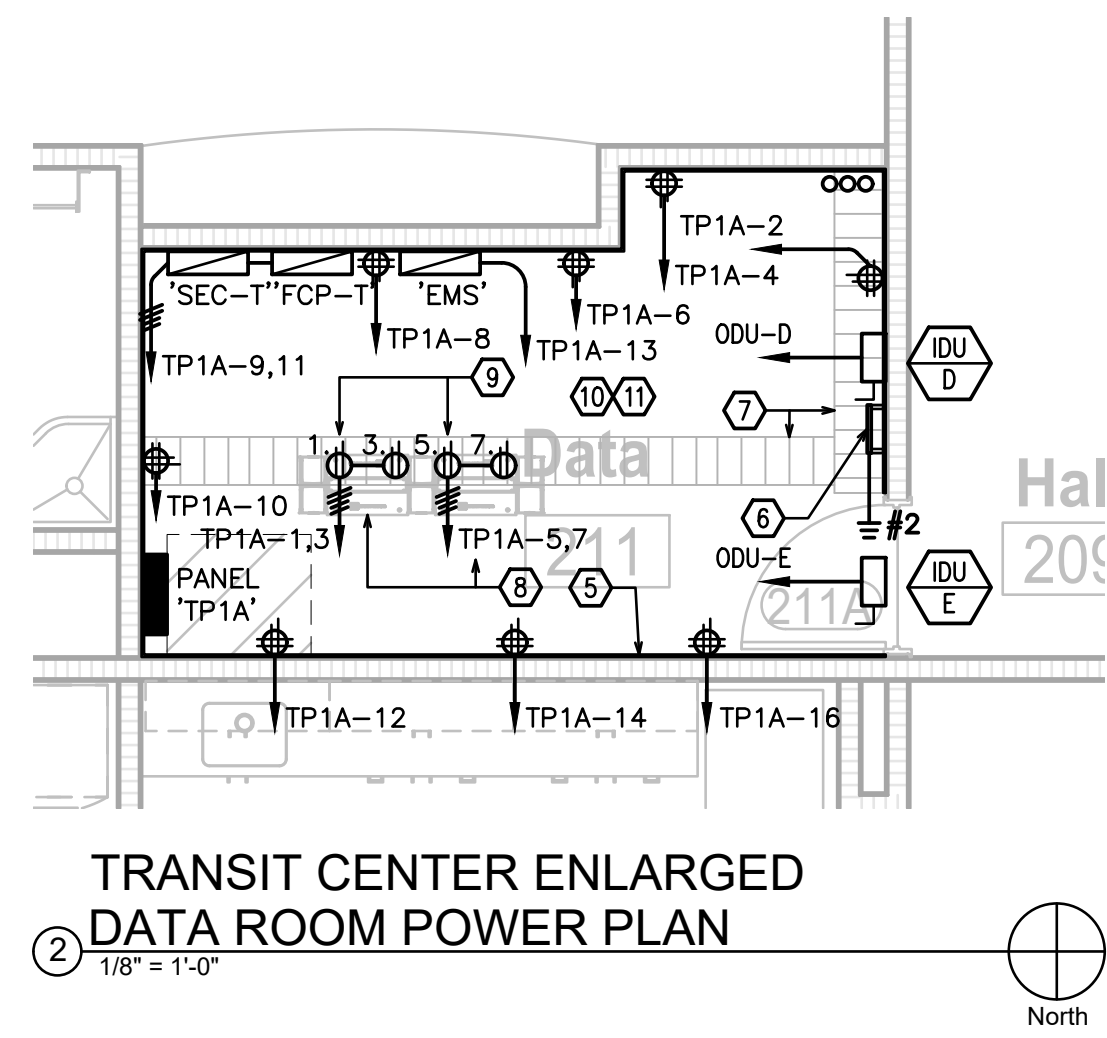
8/12/2020	BACKCHECK APPROVAL
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REVISIONS:

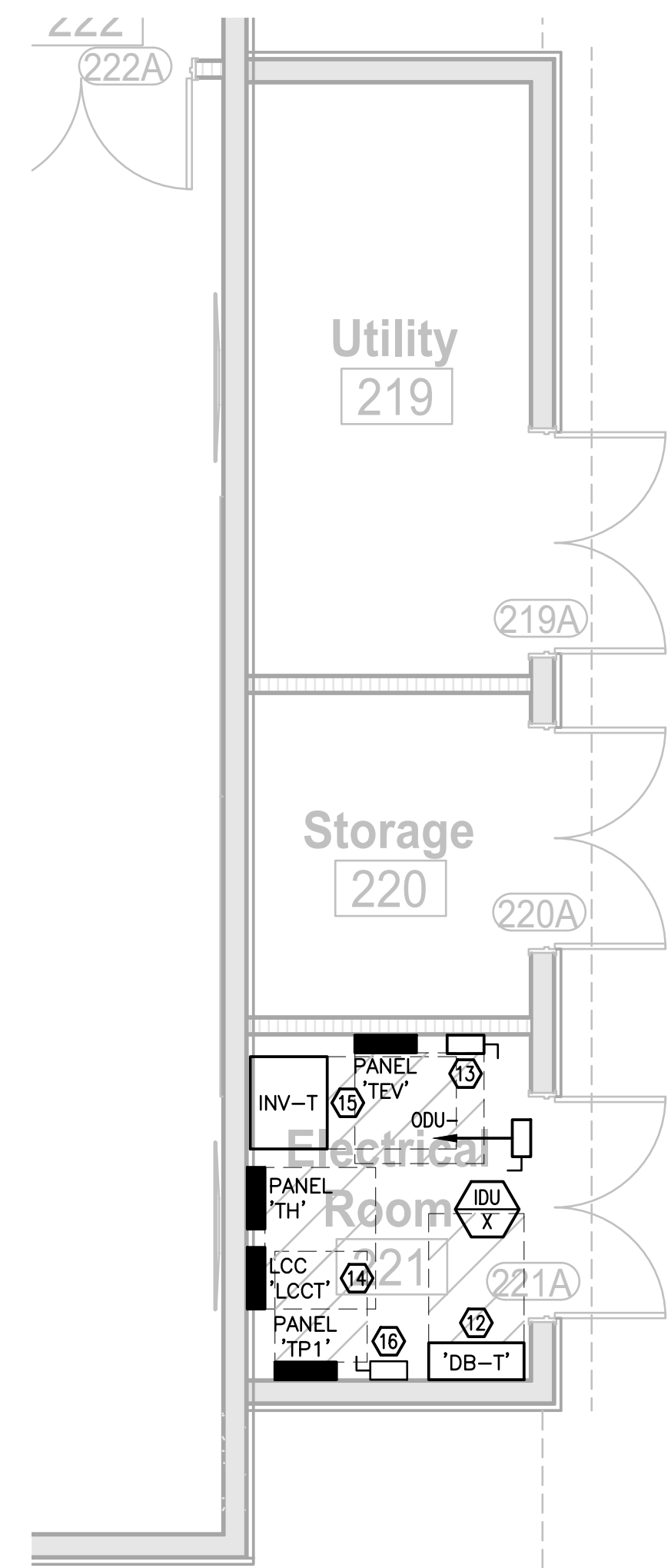
2	10/08/2020	ADDENDUM 01
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PROJECT NUMBER:
 2016-39
 SHEET NUMBER:
AD1-E301

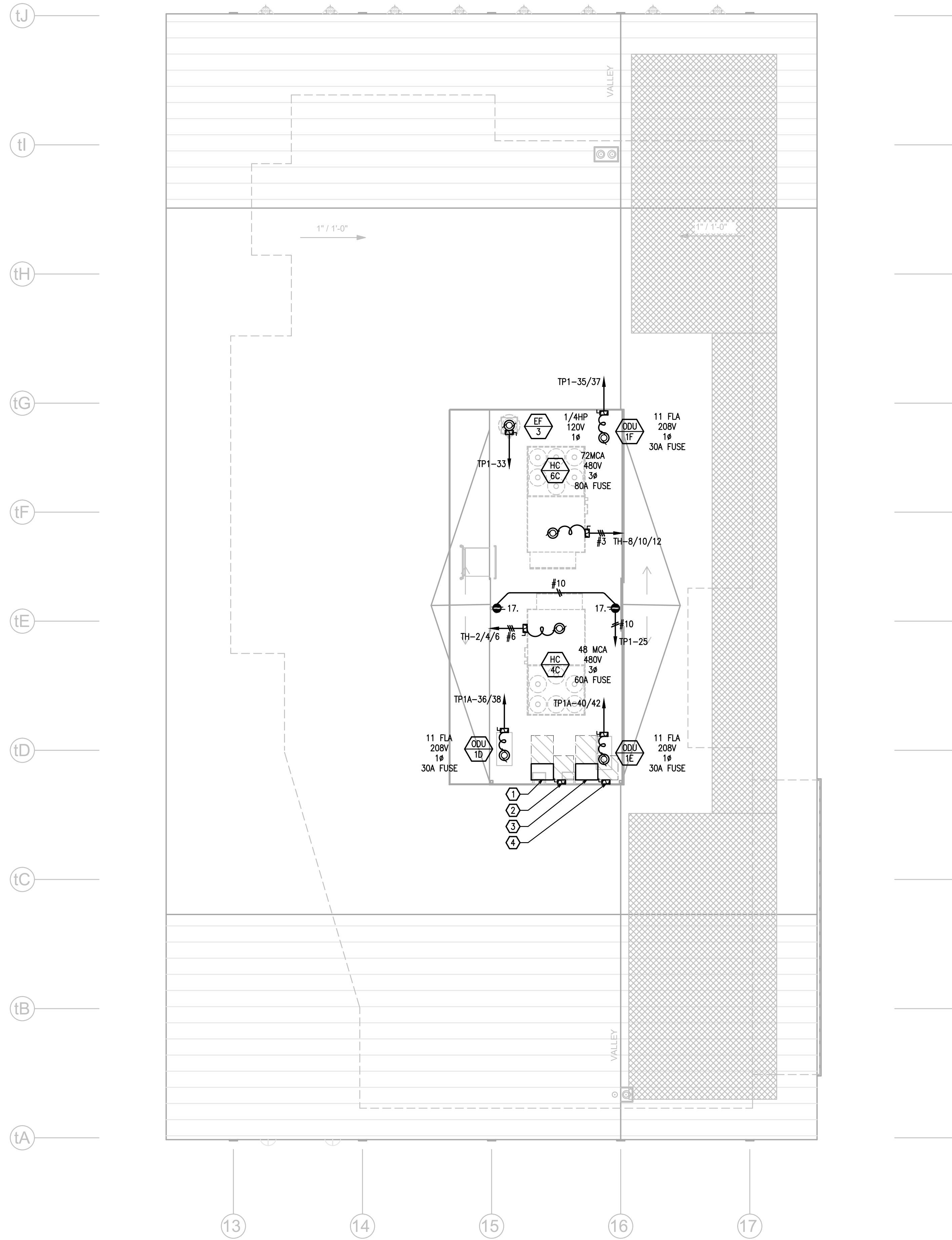
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2
1/8" = 1'-0"
North



3
1/8" = 1'-0"
North

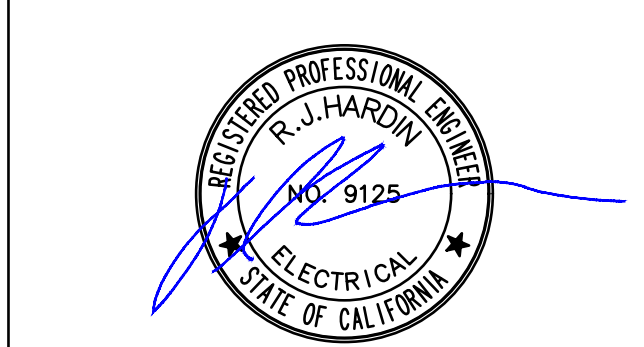


1
1/8" = 1'-0"
North

KEYNOTES

1. TRANSFORMER 'TEV'. 112.5KVA 480-120/208V, 3 ϕ , 4W, NEMA 3R ROOF MOUNTED.
2. 200A, 480V, 3P, NEMA 3R FUSED DISCONNECT SWITCH WITH 150 AMP FUSES. MOUNT TO MECHANICAL SCREEN STRUCTURE.
3. TRANSFORMER 'TT'. 75 KVA, 480-120/208V, 3 ϕ , 4W, NEMA 3R ROOF MOUNTED.
4. 200A, 480V, 3P, NEMA 3R FUSED DISCONNECT SWITCH WITH 110 AMP FUSES. MOUNT TO MECHANICAL SCREEN STRUCTURE.
5. PROVIDE 5/8" FIRE RESISTANT PLYWOOD ON ALL WALLS, FLOOR TO CEILING, UNPAINTED. PROVIDE FIRE STOPPING AT ALL PENETRATIONS.
6. PROVIDE 4"x12" GROUND BAR PER CITY STANDARDS. BOND ALL RACKS AND RACEWAYS TO GROUND BAR WITH #6 CU. PANDUIT #6B4A06061
7. PROVIDE OVERHEAD LADDER RACK PER CITY STANDARDS. B-LINE #6B13AL12FB
8. PROVIDE (2) 2-POST 45U EQUIPMENT RACK, (3) 6"WIDE VERTICAL CABLE MANAGERS AND HORIZONTAL CABLE MANAGERS PER CITY STANDARDS. RACK: CHATSWORTH #48353-703 VERTICAL WIRE MANAGER: PANDUIT #WMPVHC45E HORIZONTAL WIRE MANAGER: PANDUIT #WMP1E
9. PROVIDE (2) DUPLEX RECEPTACLES PER EQUIPMENT RACK PER CITY STANDARDS. MOUNT TO OVERHEAD LADDER RACK.
10. ALL RECEPTACLES TO BE MOUNTED +42" A.F.F. UNLESS OTHERWISE NOTED. VERIFY EXACT HEIGHT PRIOR TO INSTALLATION WITH CITY REPRESENTATIVE.
11. VERIFY EXACT LAYOUT OF DATA ROOM WITH CITY REPRESENTATIVE PRIOR TO INSTALLATION.
12. DISTRIBUTION BOARD 'DB-T'. SEE SINGLE LINE DIAGRAM FOR MORE INFORMATION. PROVIDE 2"H HOUSEKEEPING PAD EXTENDING 4" ON ALL SIDES. PROVIDE ENGRAVED RED LABEL WITH WHITE LETTERS INDICATING "TRANSPORTATION BUILDING DISCONNECT #1 OF 2. POWER SOURCE IS PROVIDED BY UTILITY AND STAND-BY GENERATOR."
13. ENCLOSED CIRCUIT BREAKER FOR XFRM 'TEV' BUILDING DISCONNECT. SEE SINGLE LINE DIAGRAM FOR CIRCUIT BREAKER INFORMATION. PROVIDE ENGRAVED RED LABEL WITH WHITE LETTERS INDICATING "TRANSPORTATION BUILDING (EV CHARGING) DISCONNECT #2 OF 2. POWER SOURCE IS PROVIDED BY UTILITY ONLY."
14. MOUNT OTHER LIGHTING CONTROL EQUIPMENT BELOW 'LCC' AS REQUIRED. PROVIDE (1) CAT6 CABLE PER EQUIPMENT ENCLOSURE TO DATA ROOM FOR CONNECTION TO BUILDING LAN/CITY WAN.
15. INVERTER 'INV-T'. SEE FIXTURE SCHEDULE FOR INFORMATION. PROVIDE 2"H HOUSEKEEPING PAD EXTENDING 4" ON ALL SIDES. PROVIDE CAT6 CABLE TO DATA ROOM FOR CONNECTION TO BUILDING LAN/CITY WAN.
16. DEDICATED SPACE FOR FUTURE 200A/480V/4P/NEMA1 VERIFIABLE SOLAR DISCONNECT SWITCH.
17. ALL CONDUCTORS ORIGINATING, TERMINATING OR PRESENT ON THE ROOF SHALL BE RATED XHHW-2.

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

DRAWING SET INFORMATION:

8/12/2020	BACKCHECK APPROVAL
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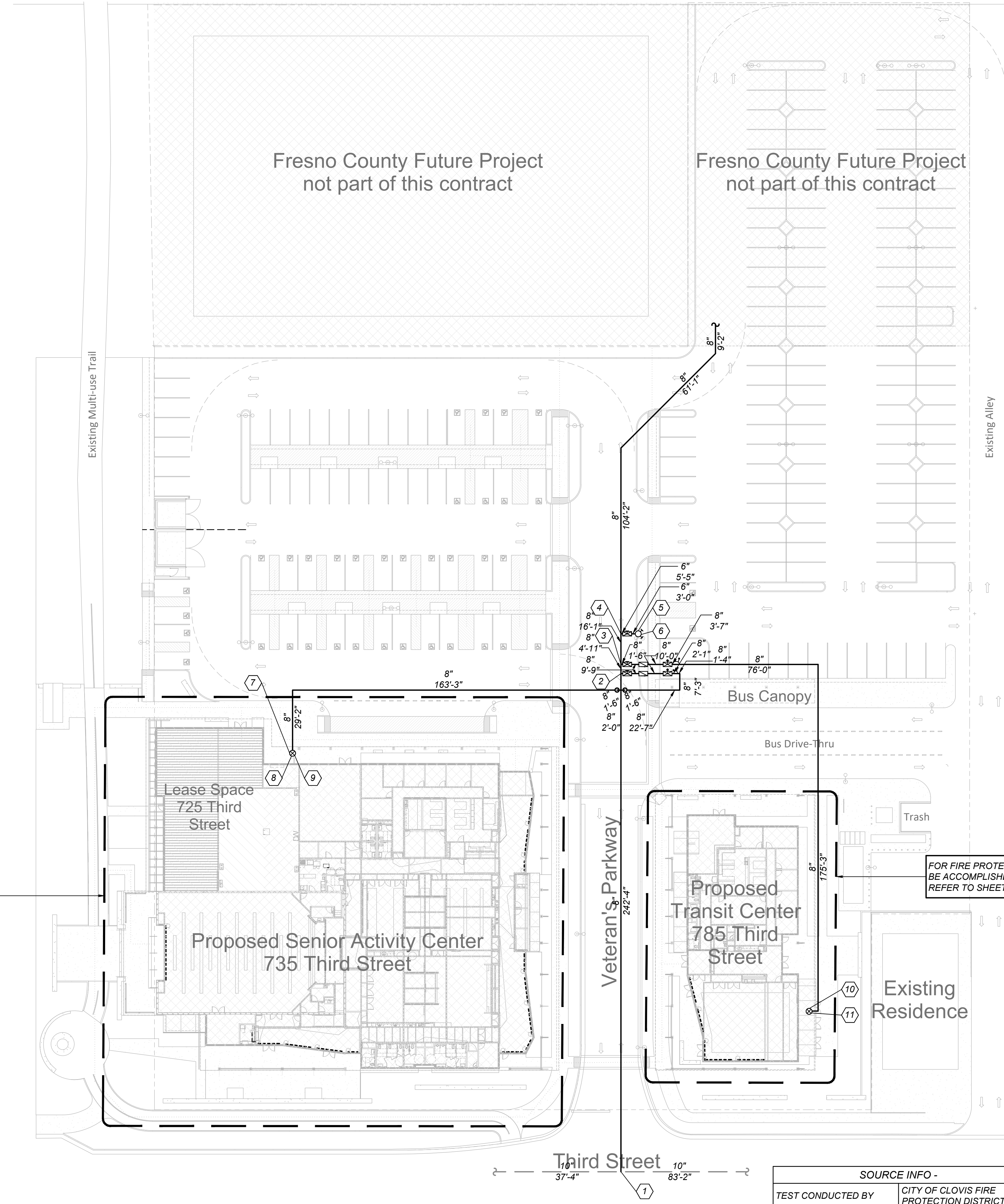
REVISIONS:

2	10/08/2020	ADDENDUM 01

PROJECT NUMBER:
 2016-39
 SHEET NUMBER:
AD1-E302

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FIRE PROTECTION SITE LEGEND		
SYMBOL	DESCRIPTION	ABBR
	FIRE SUPPLY LINE	F
	EXISTING FIRE SUPPLY LINE	(E) F
	FIRE HYDRANT WITH GATE VALVE	
	FIRE HYDRANT	FH
	GATE VALVE	GV
	THRUST BLOCK	TB
	EXISTING THRUST BLOCK	
	O&S VALVE	O&S
	VALVE/CHECK VALVE WITH FDC	
	BACKFLOW PREVENTER	
	FDC CHECK VALVE	
	FIRE DEPARTMENT CONNECTION	FDC
	FREE STANDING FDC	FFDC
	POST INDICATOR VALVE	PIV
	RISER	
	SHUT-OFF VALVE	SOV
	CHECK VALVE	CV
	HYDRAULIC NODE	
	POINT OF CONNECTION	POC
	EXISTING UG PIPING	
	NEW UG PIPING	



FOR FIRE PROTECTION WORK TO BE ACCOMPLISHED IN THIS AREA, REFER TO SHEET F200.

FOR FIRE PROTECTION WORK TO BE ACCOMPLISHED IN THIS AREA, REFER TO SHEET F210.

SOURCE INFO -	
TEST CONDUCTED BY	CITY OF CLOVIS FIRE PROTECTION DISTRICT
STATIC PRESSURE	45.0
RESIDUAL PRESSURE	35.0
FLOW	1800 GPM
OUTSIDE HOSE FLOW	0.0

HYDRAULIC NODE, TYP. FOR HYDRAULIC REFERENCE ONLY

GENERAL NOTES

SPRINKLER SYSTEM DESIGNED IN ACCORDANCE WITH NFPA 13 (2016), CFC/CBC (2016), CITY OF CLOVIS STANDARDS. ALL WORK TO BE DONE IN ACCORDANCE WITH THESE PLANS AND ALL NATIONAL, STATE, AND LOCAL CODES.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FURNISH AND INSTALL ALL ITEMS REQUIRED FOR A COMPLETE ACCEPTABLE WORKING INSTALLATION, WHETHER SHOWN OR NOT SHOWN, APPLICABLE TO ALL CITED CODES AND STANDARDS. AT TIME OF DESIGN FINAL, COORDINATED STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, AND SPECIAL EQUIPMENT PLANS WERE NOT AVAILABLE. IT SHALL BE THE RESPONSIBILITY OF THE SPRINKLER INSTALLATION CONTRACTOR TO COORDINATE WITH ALL TRADES.

CONTRACTOR TO REVIEW FOR BID, SYSTEM PLANS AS DESIGNED BY ENGINEER. ANY ALTERNATE PROPOSED DESIGN CHANGES OR REVISIONS BY CONTRACTOR, ARE TO BE SUBMITTED IN WRITTEN FORMAT, REVIEWED AND RESPONDED TO, BY ENGINEER PRIOR TO BIDDING. AFTER AWARD OF BID, ALL DEVIATIONS FROM THE ORIGINAL DESIGN INTENTION SHALL BE CLOUDED AND NOTED ON CONTRACTOR ISSUED SHOP DRAWINGS TO ENGINEER, WHICH HAVE BEEN COORDINATED AMONGST THE TRADES. FOR REVIEW AND APPROVAL BY ENGINEER.

GENERAL CONTRACTOR IS SOLELY RESPONSIBLE FOR INSURING ALL SUB-CONTRACTOR'S COORDINATE SHOP DRAWINGS PRIOR TO ORDERING OR INSTALLATION OF ANY EQUIPMENT, DEVICE, MATERIAL, ETC. SUBMISSION OF SHOP DRAWINGS TO THE ENGINEER CONSTITUTES THAT THE DRAWINGS SUBMITTED HAVE BEEN COORDINATED AMONGST THE TRADES. FAILURE TO COORDINATE ALL SHOP DRAWINGS AMONGST THE TRADES, FOR REVIEW AND APPROVAL BY ENGINEER, WILL NOT CONSTITUTE A CHANGE ORDER TO THE OWNER. FOR UNIDENTIFIED FIELD COORDINATION ISSUES.

ANY DESIGN REVISIONS OR DEVIATIONS THAT ARISE FROM COORDINATION OF INSTALLATION METHODS AND MEANS AMONGST THE TRADES DURING CONSTRUCTION, SHALL BE PROVIDED TO THE ARCHITECT BY RFI, DETAILING COORDINATION ISSUE AND PROPOSED SOLUTION. ONCE REVIEWED AND APPROVED BY ENGINEER, THE DESIGN REVISIONS OR DEVIATIONS SHALL BE COORDINATED IN THE FIELD AMONGST THE IMPACTED TRADES, AND SHOWN ON THE AS-BUILTS. A COMPLETE, ACCURATE SET OF AS-BUILTS SHALL BE MAINTAINED ONSITE DURING CONSTRUCTION, AND ARE TO BE ISSUED TO ARCHITECT AND ENGINEER UPON COMPLETION, INSPECTION, AND TESTING OF INSTALLATION.

CONTRACTOR TO PROVIDE SIX (6) SETS OF THE FOLLOWING:

- A. FULLY COORDINATED AMONGST THE TRADES INSTALLATION SHOP

SPRINKLER SPECIFICATIONS

- SYSTEM DESIGN:
- SYSTEM SHALL BE DESIGNED TO CONFORM WITH NFPA 13 (2016), CFC/CBC (2016), CITY OF CLOVIS STANDARDS.
 - SYSTEM TO BE AN AUTOMATIC, WET TYPE SPRINKLER SYSTEM.
 - SPRINKLER DISCHARGE DENSITY FOR THIS PROJECT: MIN. OF 0.20 GPM/1500 sqft.
 - POINT OF SERVICE SHALL BE AT THE 8" SUPPLY MAIN AS SHOWN.
 - FIRE SPRINKLER ALARM SYSTEM SHALL BE DESIGNED, INSTALLED AND PERMITTED BY OTHERS, AND IS NOT IN THE SCOPE OF WORK. FLOW DETECTOR AND TAMPER RESISTANT VALVES WILL BE SUPPLIED AND INSTALLED BY FIRE SPRINKLER CONTRACTOR AND WIRED BY ALARM CONTRACTOR.
 - SPRINKLER SYSTEM SHALL BE SINGLE ZONE (SEE RISER DETAIL).
 - FIRE SPRINKLER PIPING SHALL BE AS FOLLOWS (UNLESS NOTED OTHERWISE ON PLANS):
 - PIPING 2-1/2" AND LARGER SHALL BE SCH.10 BLACK STEEL WITH ROLLED FITTINGS, RISER TO BE SCH.10 GALVANIZED STEEL PIPE.
 - PIPING 2" AND LESS SHALL BE SCH.40 BLACK STEEL.
 - ALL HANGERS, BRACES, AND RESTRAINTS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 13 (2016), CFC/CBC (2016), CITY OF CLOVIS REQUIREMENTS.
 - PROVIDE CAGE-TYPE SPRINKLER HEAD GUARDS TO ALL SPRINKLERS, TO MINIMIZE CHANCE OF MECHANICAL DAMAGE TO SPRINKLER HEADS WHEN APPLICABLE.
 - IF DESIGN OR MATERIALS DIFFER FROM THAT SPECIFIED HEREIN, SUPPLEMENTAL ENGINEERING DESIGN, SUBMITTAL, AND REVIEW SHALL BE REQUIRED.
 - MICROBIAL INDUCED CORROSION WILL NOT BE A FACTOR FOR THIS SYSTEM.
 - ACCEPTANCE TEST IN ACCORDANCE WITH NFPA 13 (2016), CFC/CBC (2016), CITY OF CLOVIS REQUIREMENTS.
 - HYDRAULIC CALCULATIONS SHALL BE TO THE STREET CONNECTION, ACCORDING TO LOCAL FIRE PREVENTION DISTRICT WATER CURVE DETERMINATIONS AND/OR TESTING PROCEDURES.

HYDRAULIC DATA: CITY OF CLOVIS FIRE DEPARTMENT ISSUED WATER CURVE:
 45 PSI STATIC
 35 PSI RESIDUAL
 FLOW 1800 GPM

SITE UNDERGROUND PLAN NOTES

- THE UNDERGROUND (UG) PIPING PLAN AS SHOWN, IS INTENDED FOR THE HYDRAULIC CALCULATION OF SPRINKLER SYSTEM REFERENCE ONLY.
 - ALL UG PIPE LENGTHS INDICATED ON PLANS, REFLECT TOTAL PIPE LENGTH (CENTER TO CENTER) WITH NO TAKE-OUT FOR FITTINGS.
 - REFER TO CIVIL DRAWINGS SCOPE OF WORK FOR UG PIPING LAYOUT, NOTES AND DETAILS.

APPLICABLE SPECIFICATIONS

- THE CONTRACTOR IS RESPONSIBLE TO ADHERE TO ALL APPLICABLE SPECIFICATIONS PERTINENT TO THE PROJECT, INCLUDING:

CITY OF CLOVIS STANDARDS.

DRAWINGS, INCLUDING ALL PIPE CUT LENGTHS, FITTINGS, HANGERS, BRACES, SPRINKLERS WITH LEGEND, HYDRAULIC AND SEISMIC CALCULATIONS, AND PRODUCT SUBMITTAL. BOUND SUBMITTAL TO INCLUDE COVER PAGE, PIPING, HARDWARE AND MATERIALS (INCLUDING FIRE STOPPING). COVER PAGE TO INCLUDE PROJECT NAME, SPRINKLER CONTRACTOR, GENERAL CONTRACTOR, ARCHITECT, AND DATE SUBMITTED FOR REVIEW.

ALL ITEMS REQUIRED BY NFPA 13 (2016) CHAPTER 23 (FOR WORKING DRAWINGS) SHALL BE PROVIDED ON THE SHOP DRAWINGS. SUBMITTALS ARE IN ADDITION TO, AND NOT IN LIEU OF, THIS REQUIREMENT. FINAL INSTALLATION SPACING FOR SPRINKLER SYSTEM PIPING AND SPRINKLERS, MAY VARY WITH FIELD COORDINATION ISSUES. ALL VARIANCES TO COMPLY WITH LISTING OF SPRINKLERS, NFPA 13 (2016), CFC/CBC (2016), CITY OF CLOVIS REQUIREMENTS.

ALL HANGERS, THREADED ROD, BRACING COMPONENTS AND HARDWARE SHALL BE HOT DIPPED GALVANIZED - OR FACTORY COATED GALVANIZED FOR ALL EQUIPMENT AND COMPONENTS IN EXTERIOR APPLICATIONS. ALL FASTENERS USED (IE BOLTS - NUTS / WASHERS) TO BE STAINLESS STEEL.

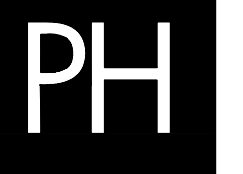
SPRINKLERS ARE TO BE LOCATED CENTER TILE (OR AS SHOWN) ACCORDING TO INDUSTRY STANDARDS AND PRACTICES.

SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR SHOWING THE EXACT LOCATION OF SEISMIC RESTRAINTS ON SUBMITTED COORDINATED AMONGST THE TRADES SHOP DRAWINGS, AND FINAL AS-BUILTS. SUBMITTED SHOP DRAWINGS SHALL DESIGNATE THE TYPE AND LOCATION OF EACH BRACE, HANGER OR RESTRAINT, AND SHALL BE ACCOMPANIED BY A DETAIL WITH LEGEND, AND CALCULATIONS (IF APPLICABLE) IN ACCORDANCE WITH NFPA 13 (2016), CFC/CBC (2016), AND THE APPROPRIATE SEISMIC DESIGN CRITERIA FOR THE PROJECT.

ANY SUBSTITUTION OF "FLEXIBLE" TYPE PIPING IN LIEU OF "RIGID" PIPE, OR ANY CHANGES TO SIZE, MANUFACTURER, OR LENGTHS OF "FLEXIBLE" TYPE PIPING WILL REQUIRE RE-SUBMITTAL OF PIPING PLANS, PRODUCT DATA SHEETS, AND HYDRAULIC CALCULATIONS TO CITY OF CLOVIS.

SHOP DRAWINGS THAT HAVE NOT BEEN COORDINATED AMONGST THE TRADES UTILIZING THE MOST CURRENT 2D/3D FILES, WILL NOT BE ACCEPTED FOR REVIEW.

ELECTRONIC (DIGITAL) SUBMITTAL IN PDF FORMAT IS ACCEPTABLE, IF PREPARED IN ACCORDANCE WITH SPECIFICATION 2105 00, SECTION 1-10, A.5). SUBMITTALS NOT CONFORMING TO THE SPECIFICATION WILL NOT BE REVIEWED.



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

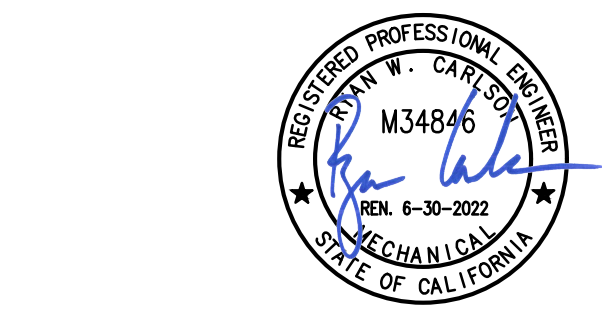
DRAWING SET INFORMATION:

06/19/2020	Plan Check Submittal
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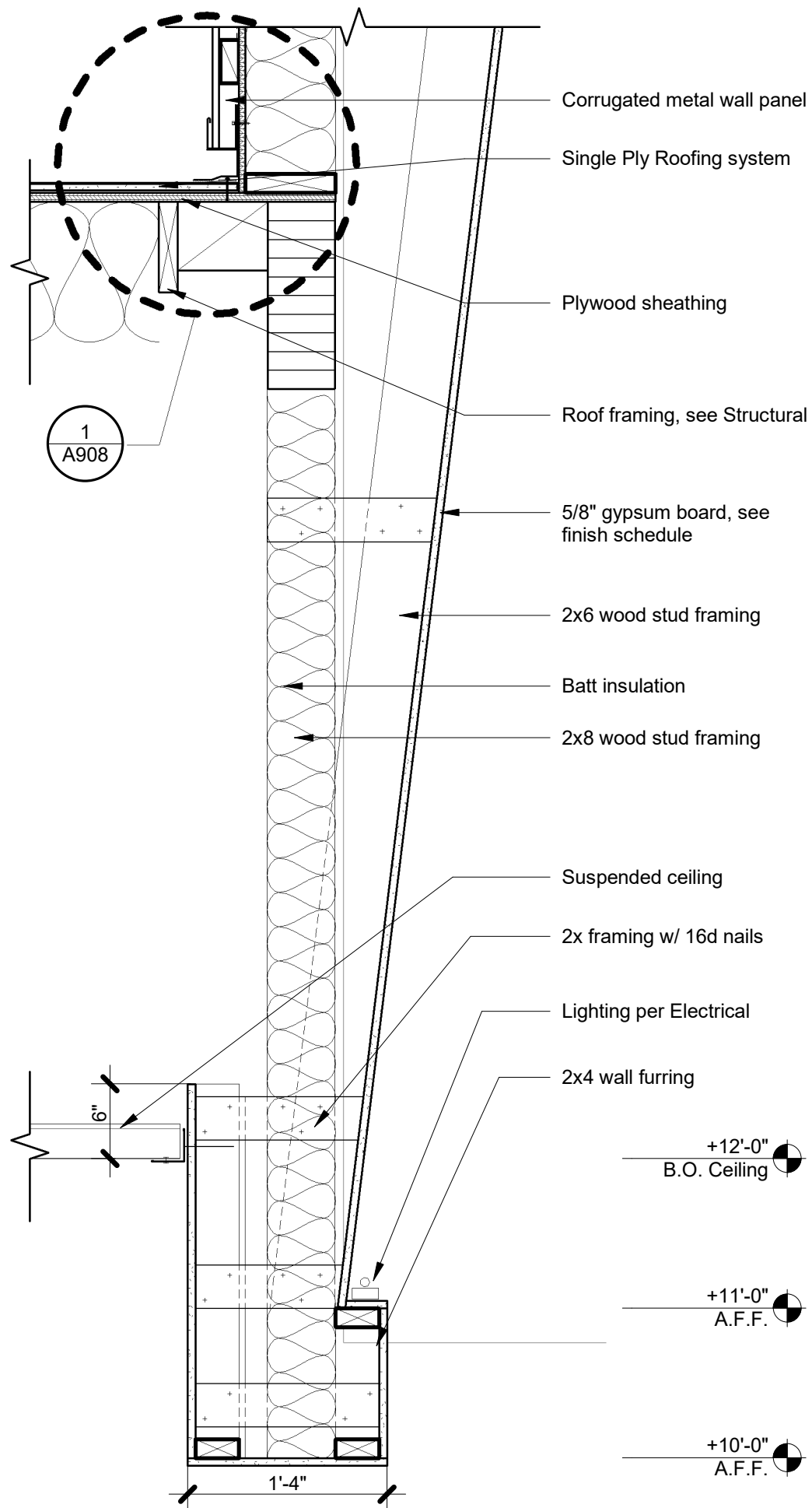
REVISIONS:

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

PROJECT NUMBER:
 2016-39
 SHEET NUMBER:
 ADI-F100

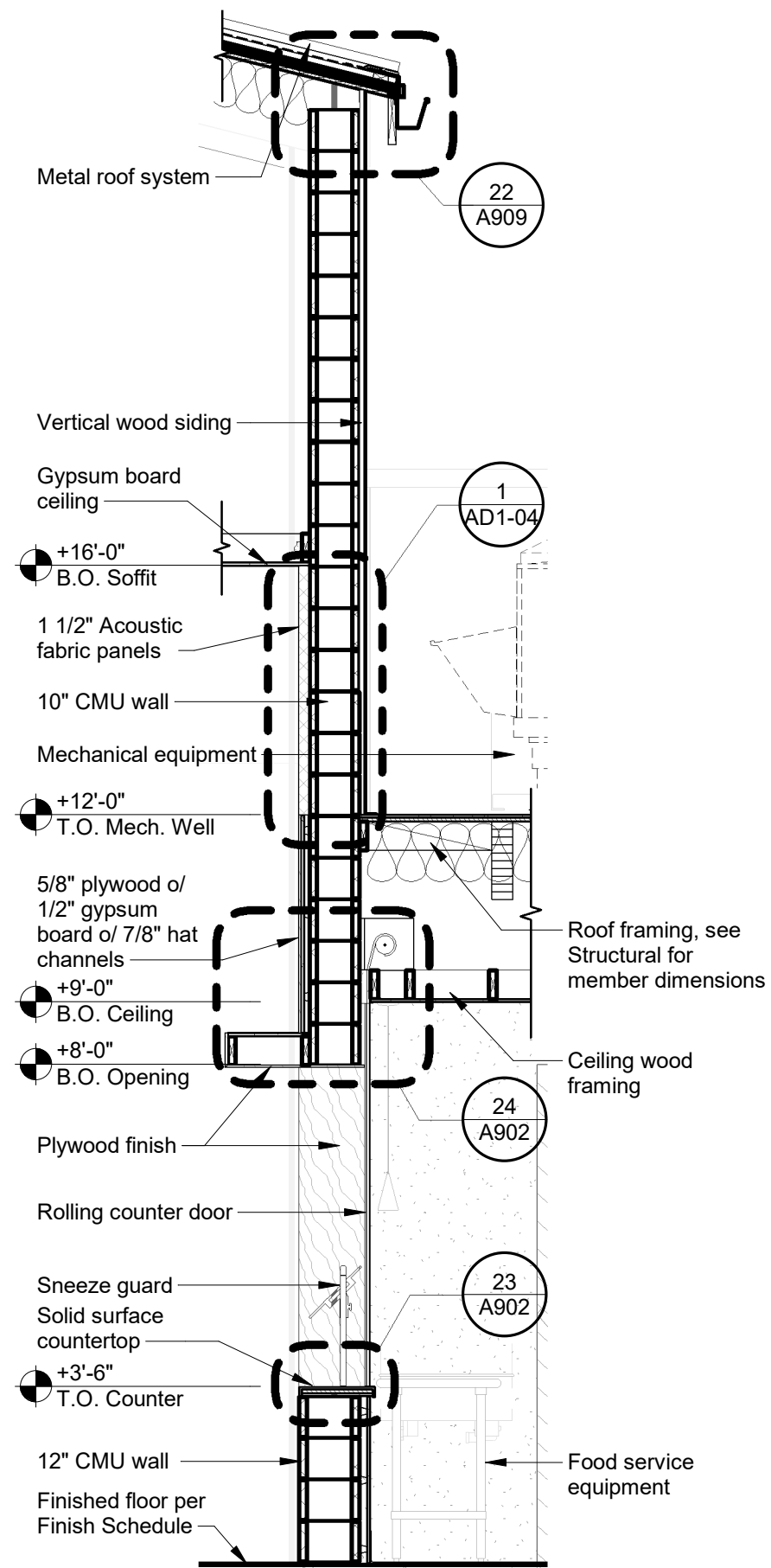


LAWRENCE ENGINEERING GROUP
 7884 N. Maple Ave., Suite 101
 Fresno, CA 93720
 (559) 431-0101 17654 FAX: (559) 431-1362



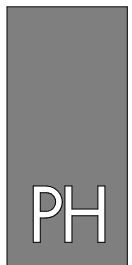
2 Wall @ Lightwell
1" = 1'-0"

REFERENCE: 14/A904



1 SC - Wall Section thru Multipurpose CMU Wall
3/8" = 1'-0"

REFERENCE: 11/A904



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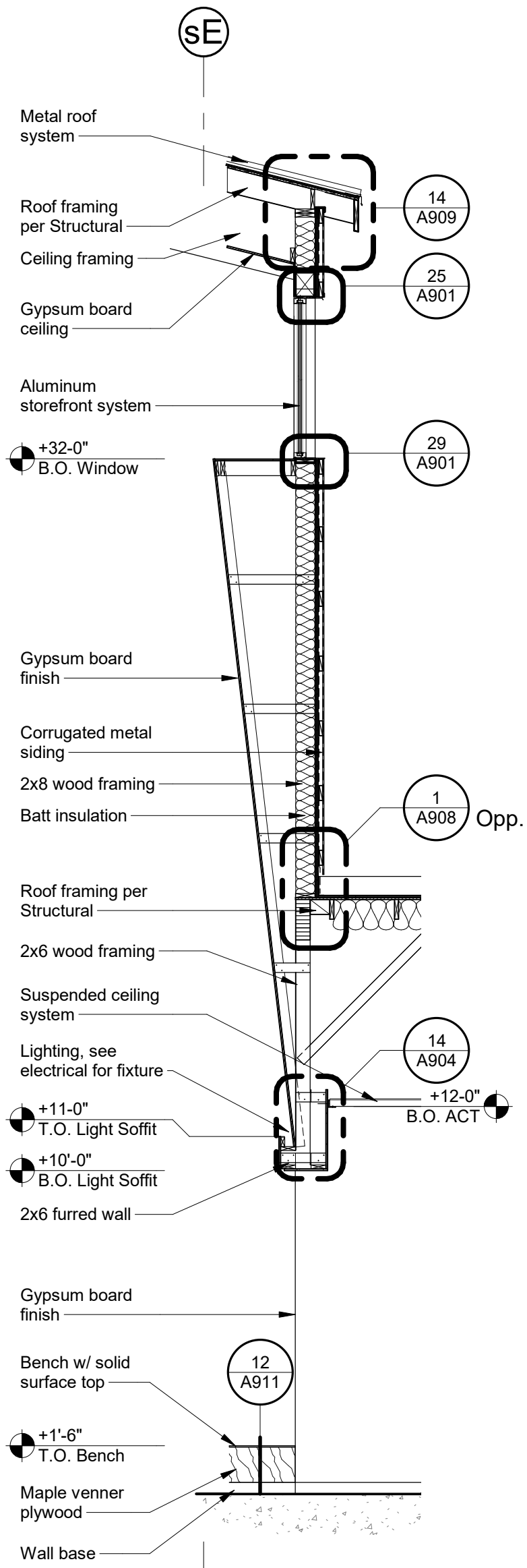
PROJECT:
Clovis Landmark Square
Senior Activity Center and Transit Center
735 Third Street, Clovis, CA 93612
SHEET: Wall Sections

DRAWING SET INFORMATION:

06/19/2020	Plan Check Submittal
REVISIONS:	
1	08/12/2020 Plan Check Revisions
2	10/08/2020 Addendum #1

PROJECT NUMBER:
2016-39

SHEET NUMBER:
AD1-02



SC - Wall Section thru West Hall Tower Wall

1/4" = 1'-0"



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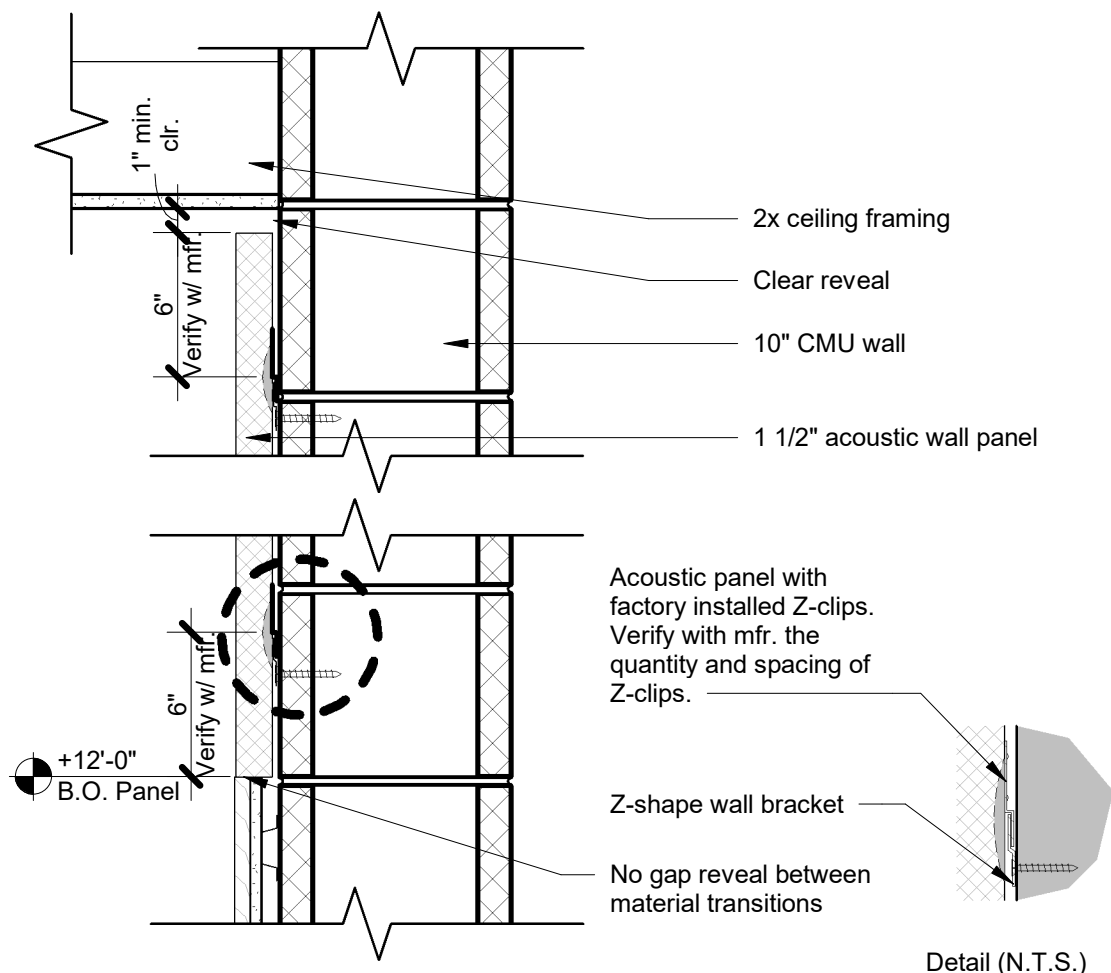
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Wall Section thru West Hall Tower Wall

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

REFERENCE: 17/A904

PROJECT NUMBER:
2016-39
SHEET NUMBER:
AD1-03



SC - Acoustic Wall Panel

1 1/2" = 1'-0"

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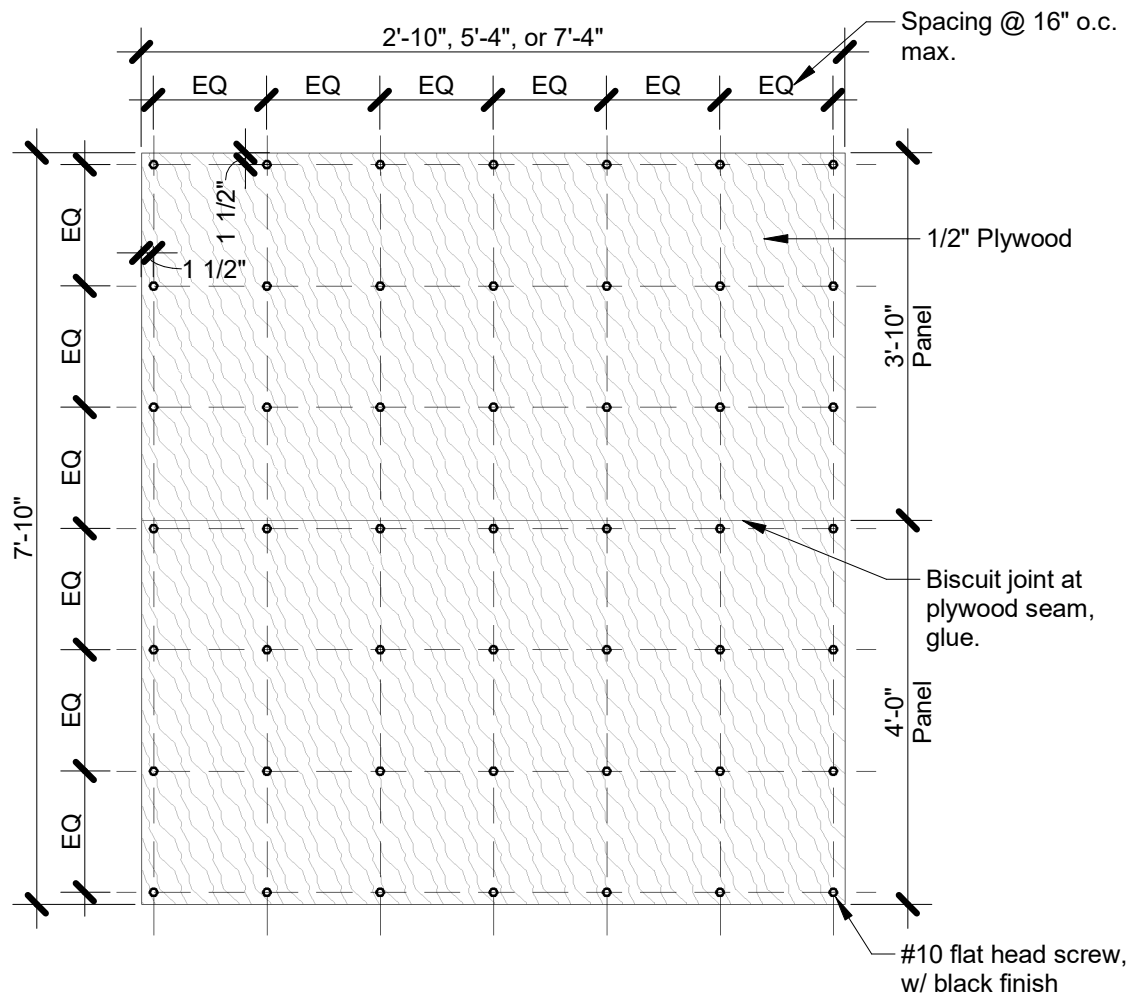
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SC - Acoustic Wall Panel

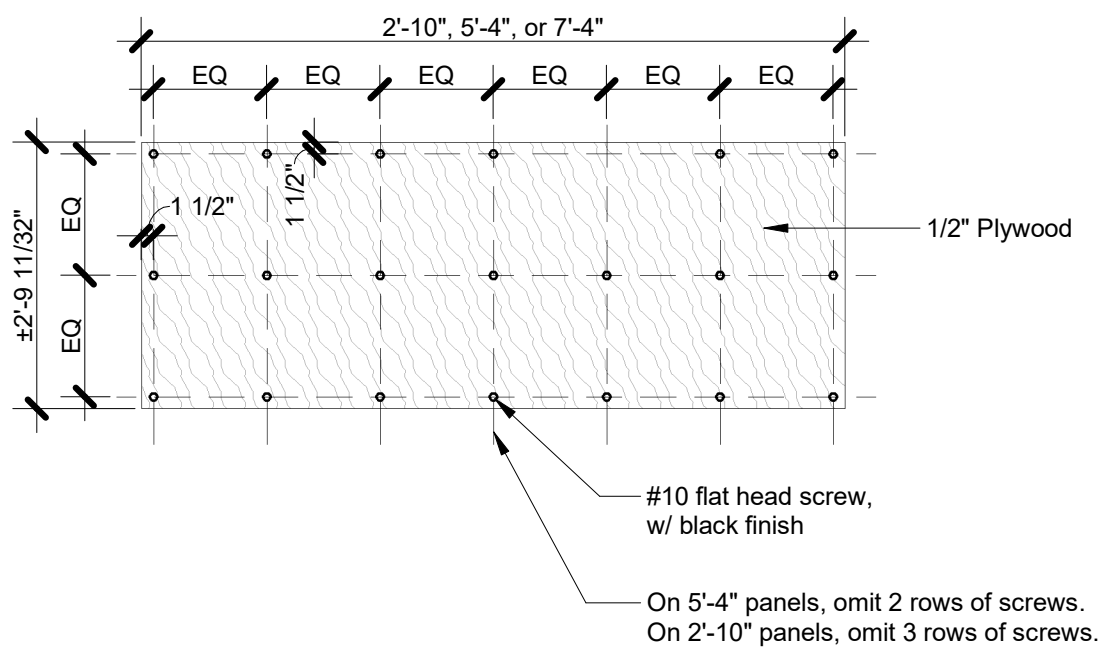
PROJECT:
Senior Activity Center and Transit Center
Clovis Landmark Square
 735 Third Street, Clovis, CA 93612

REFERENCE: N/A

PROJECT NUMBER:
 2016-39
 SHEET NUMBER:
AD1-04



Typ. Large Ceiling Panel



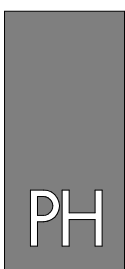
Typ. Small Ceiling Panel

Note:

1. Refer to Reflected Ceiling Plan for plywood panel layout.
2. Align screw heads across plywood ceiling panels.
3. Plywood panels to be pre-drilled to receive screws.
4. Main beam runners to be installed parallel to the north-south axis and cross tees to be installed parallel to the east-west axis.
5. Main runners @ 48" o.c. max. and intersecting cross tees @ 16" o.c. max. per mnfr.

SC - Typ. Wood Ceiling Panel - Screw Spacing

1/2" = 1'-0"



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Typ. Wood Ceiling Panel @ Multi-Purpose Room

PROJECT:

Senior Activity Center and Transit Center

Clovis Landmark Square

735 Third Street, Clovis, CA 93612

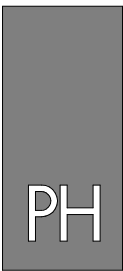
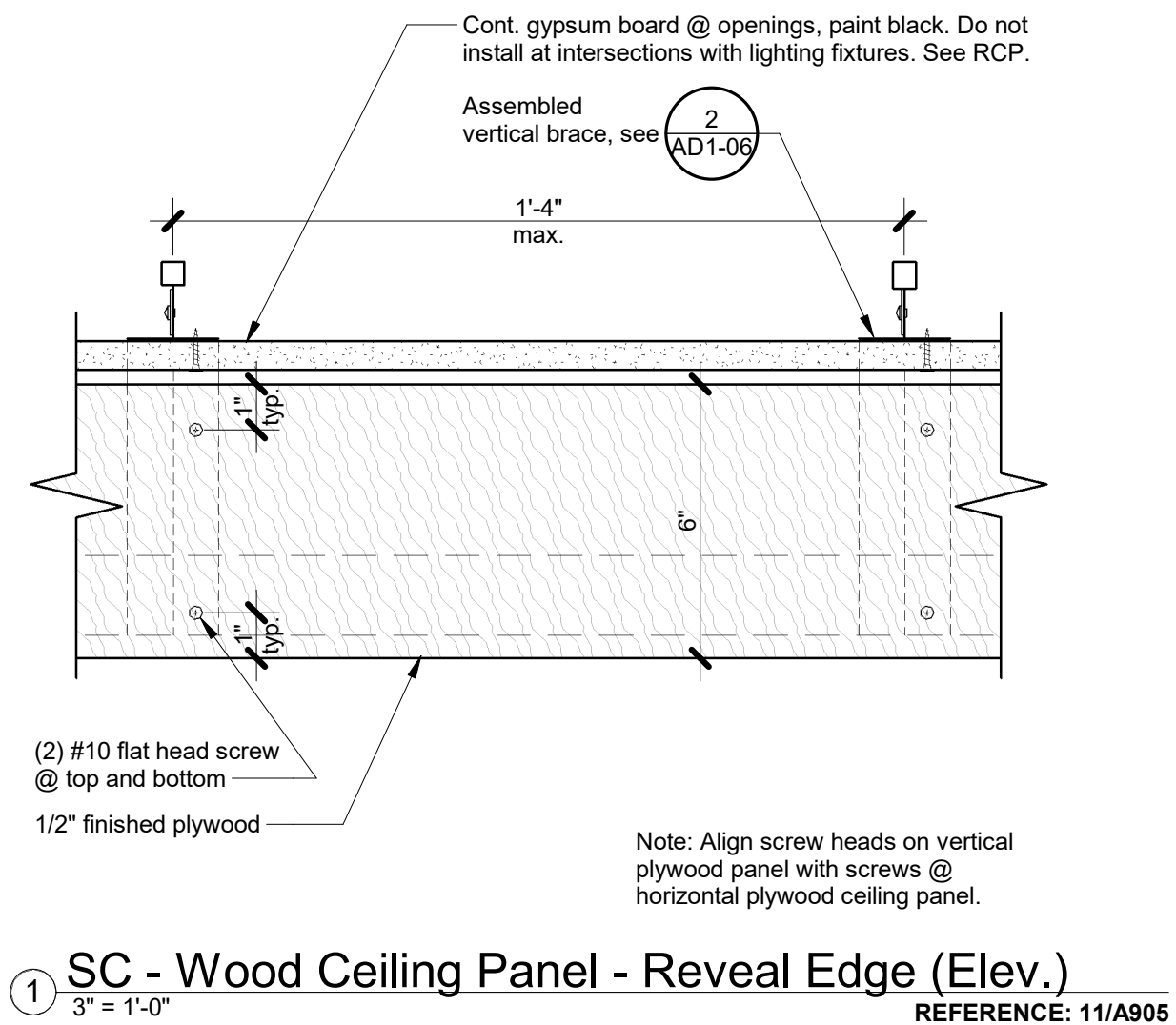
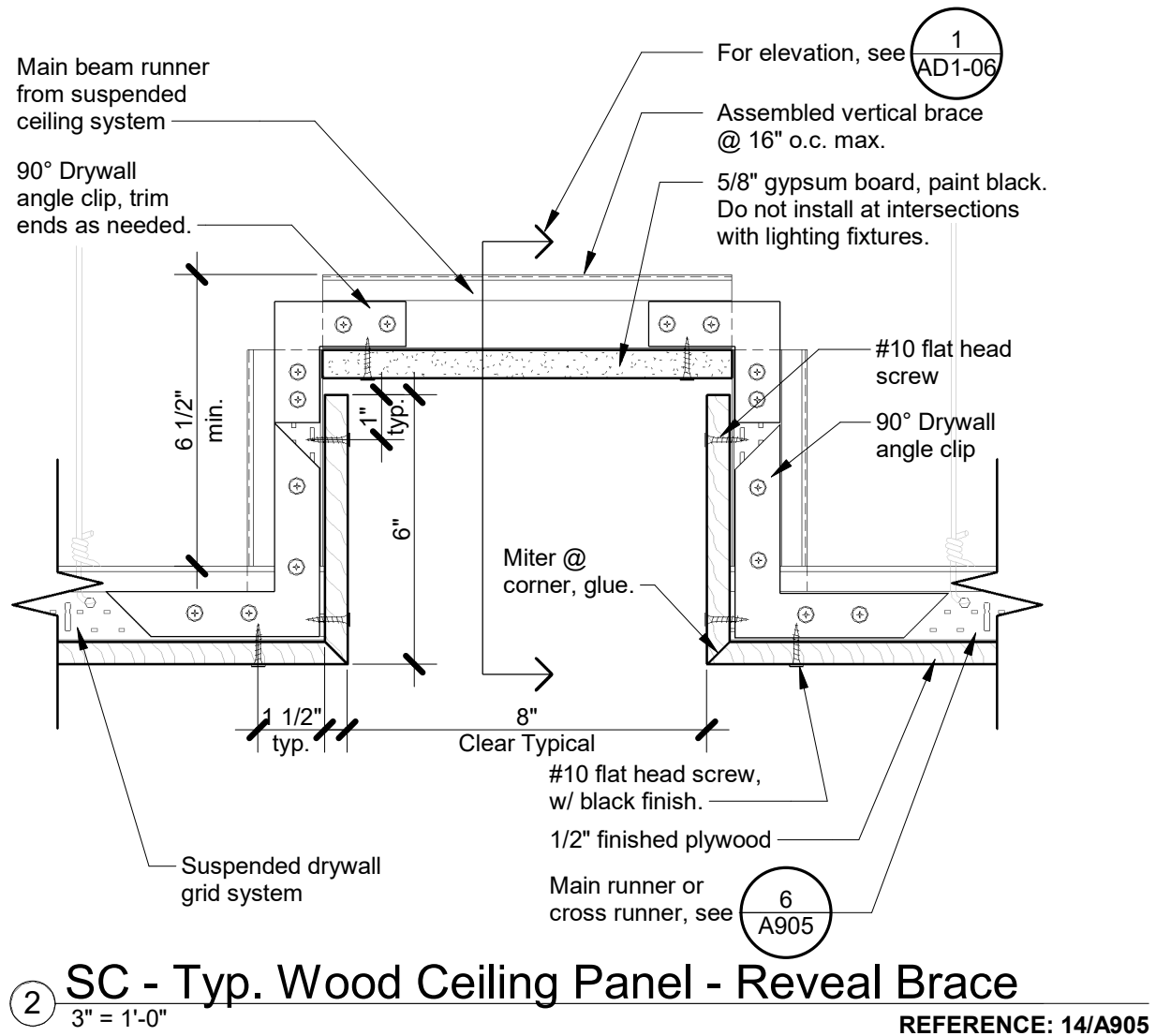
REFERENCE: 9/A905

PROJECT NUMBER:

2016-39

SHEET NUMBER:

AD1-05



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Wood Ceiling Panel Details @ Multi-Purpose Room

PROJECT:

Senior Activity Center and Transit Center

Clovis Landmark Square

735 Third Street, Clovis, CA 93612

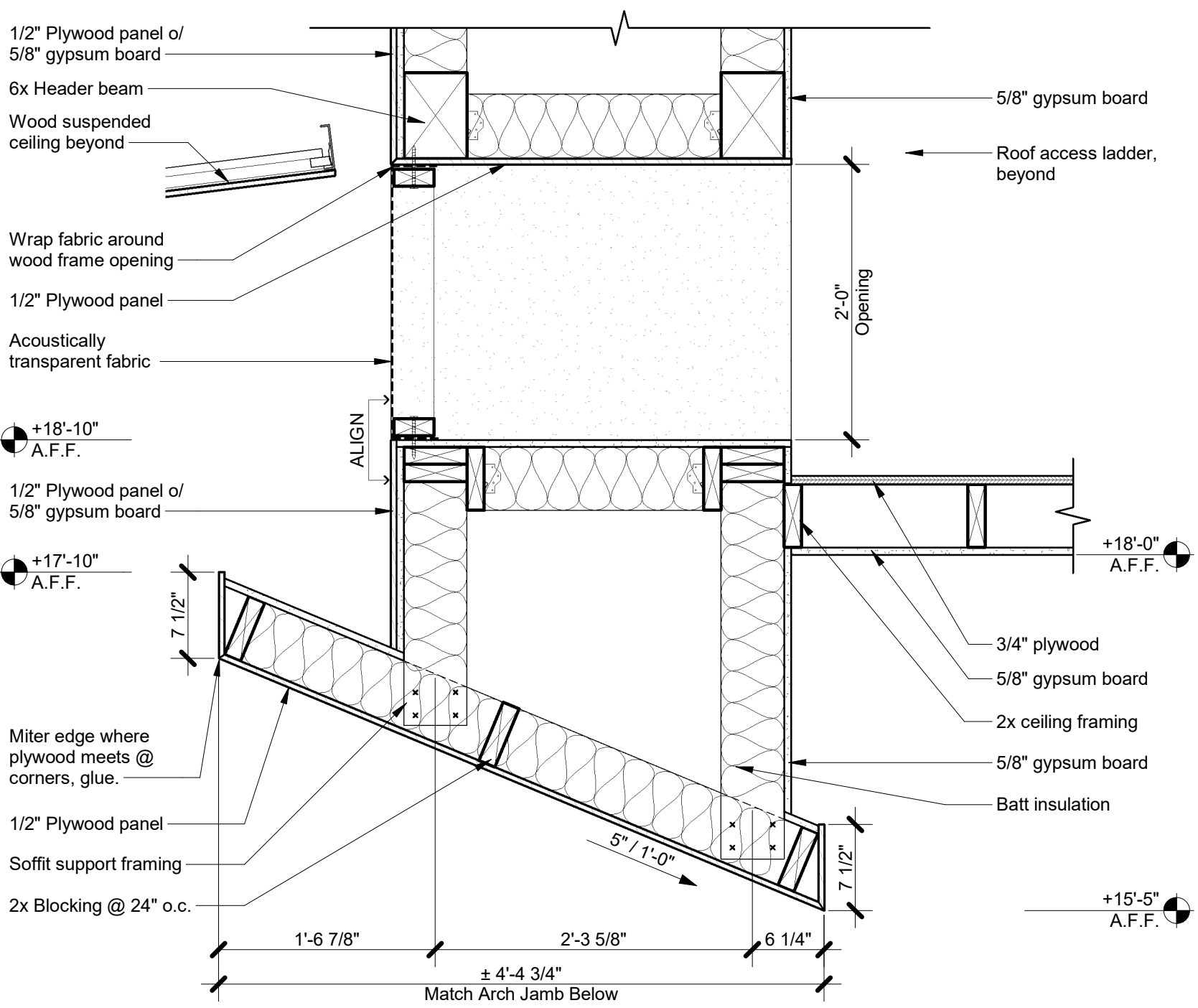
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PROJECT NUMBER:

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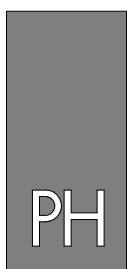
SHEET NUMBER:

AD1-06



SC - Proscenium Arch Head

1" = 1'-0"



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Proscenium Arch Head

PROJECT:

Senior Activity Center and Transit Center
Clovis Landmark Square

735 Third Street, Clovis, CA 93612

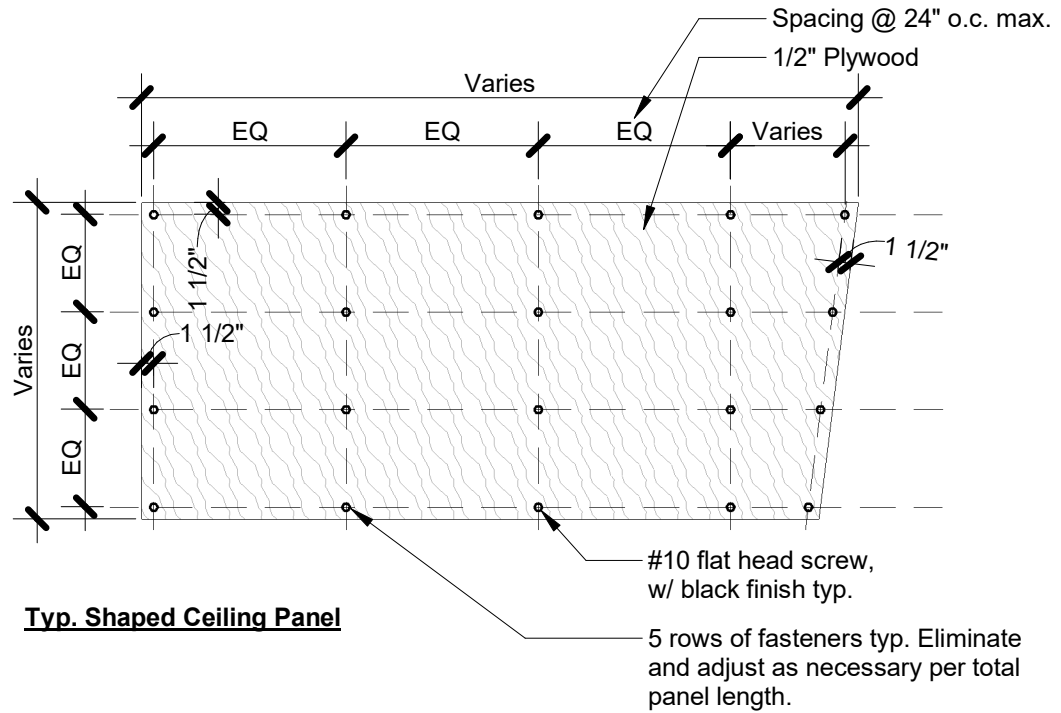
REFERENCE: 18/A905

PROJECT NUMBER:

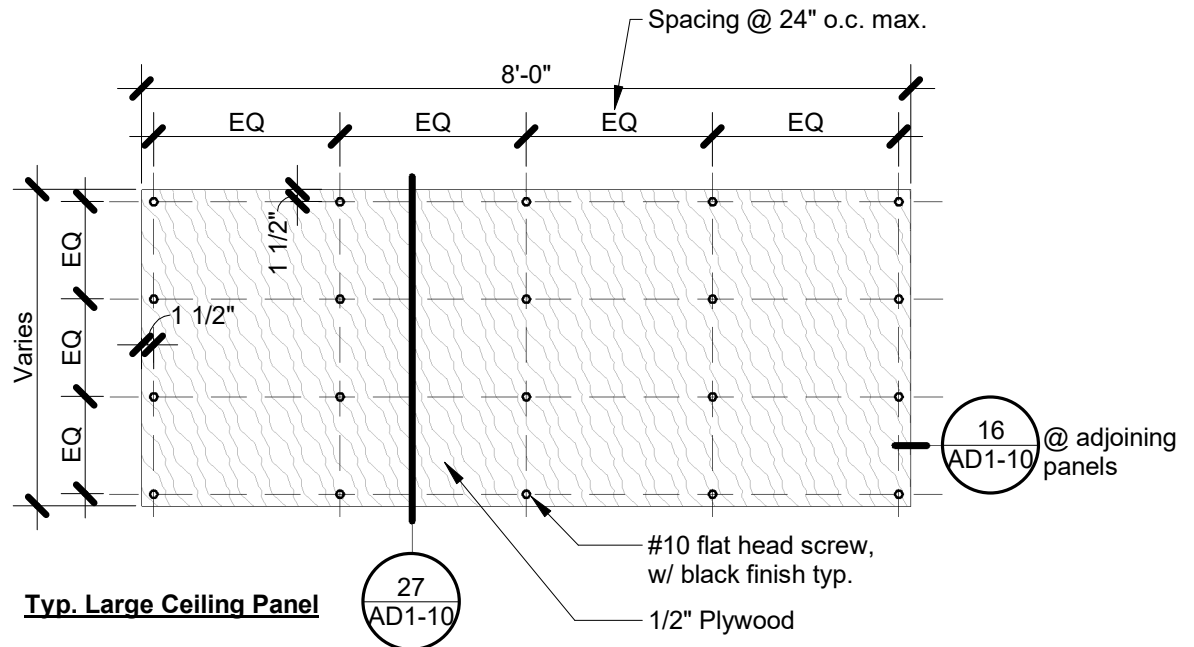
2016-39

SHEET NUMBER:

AD1-07



Typ. Shaped Ceiling Panel



Typ. Large Ceiling Panel

Note:

1. Refer to Reflected Ceiling Plan for plywood panel layout and sizes.
2. Align screw heads across plywood ceiling panels.
3. Plywood panels to be pre-drilled to receive screws.

SC - Wd. Clg. Panel @ Lobby - Screw Spacing

1/2" = 1'-0"



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Typ. Wood Ceiling Panel @ Lobby

PROJECT:

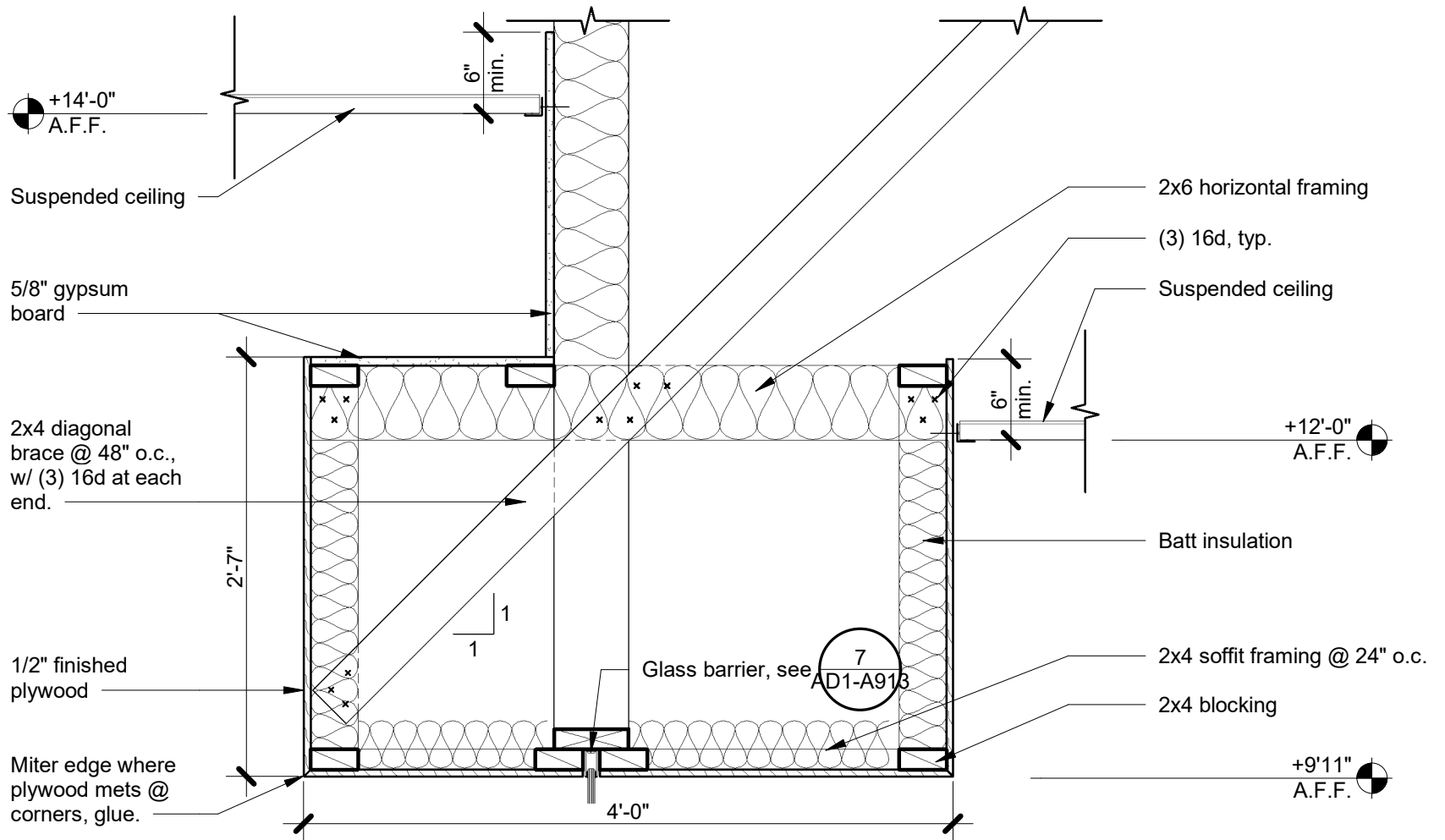
Senior Activity Center and Transit Center
Clovis Landmark Square

735 Third Street, Clovis, CA 93612

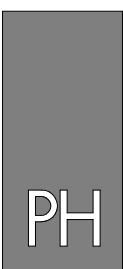
REFERENCE: 27/A905

PROJECT NUMBER:
2016-39

SHEET NUMBER:
AD1-08



TC - Soffit @ Reception Desk
 1" = 1'-0"



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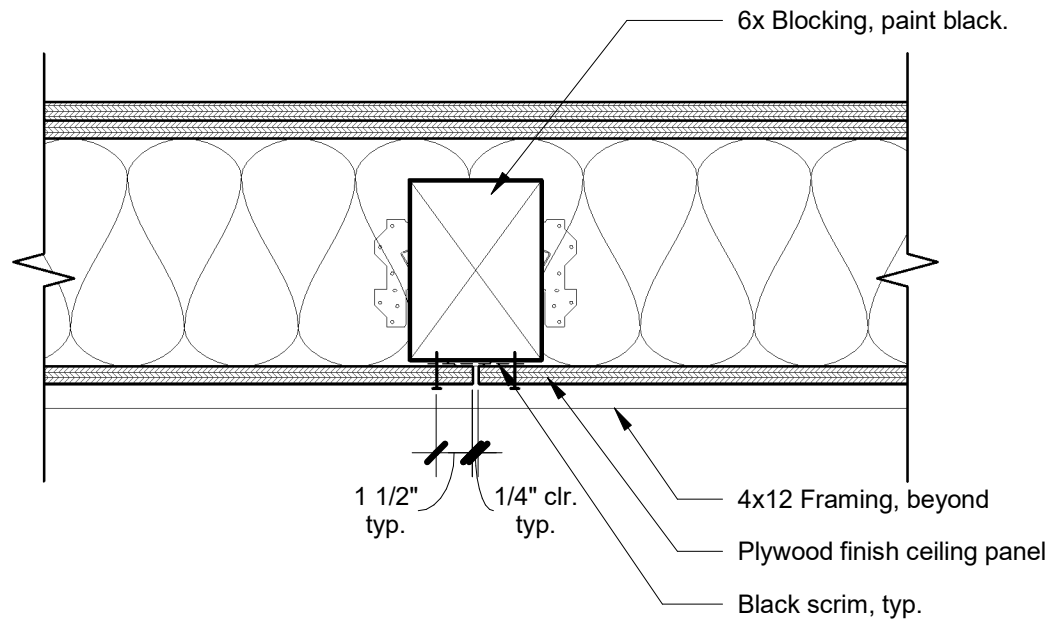
Transit Center - Soffit @ Reception Desk

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

REFERENCE: 7/A906

PROJECT NUMBER:
 2016-39

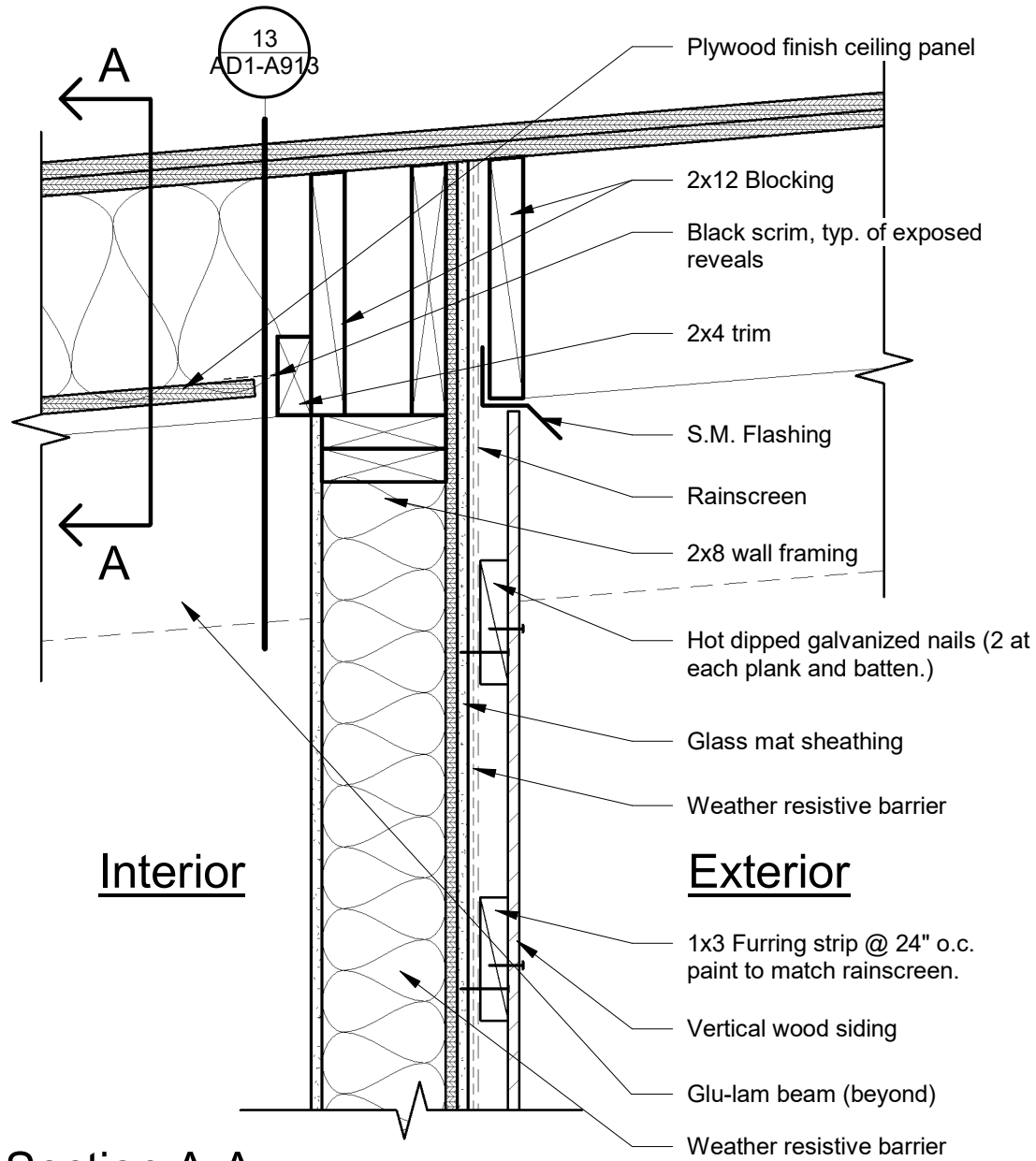
SHEET NUMBER:
AD1-09



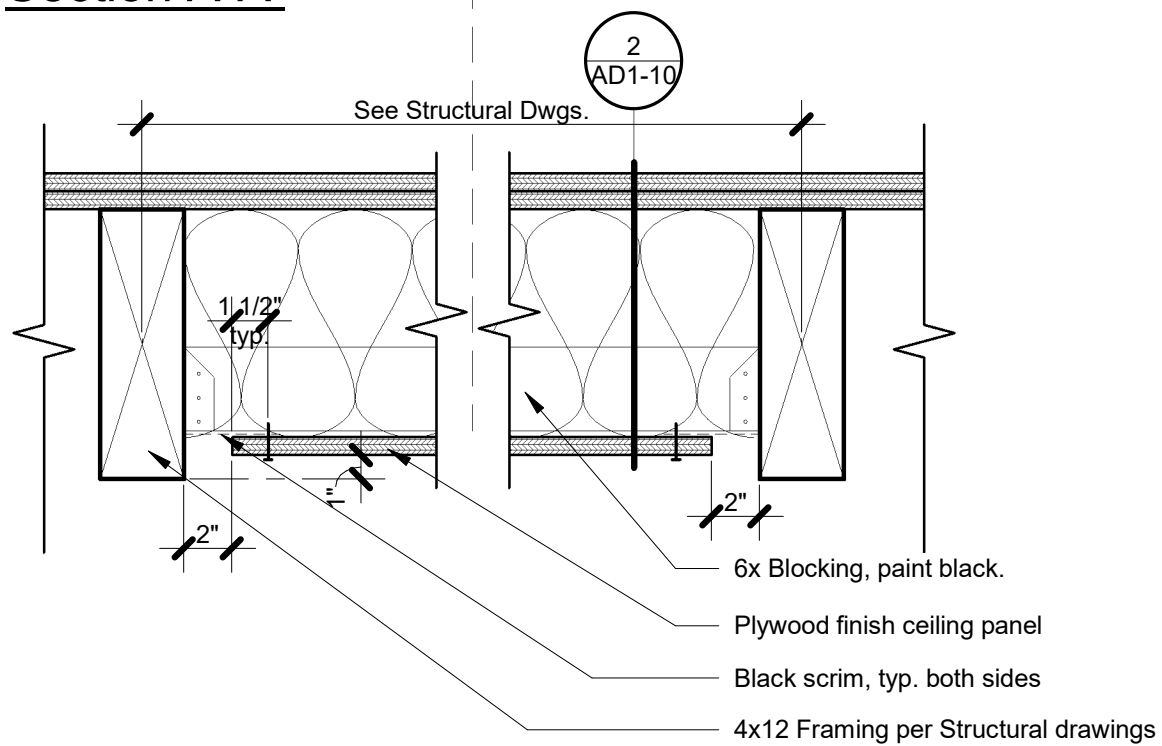
② Interior Wood Ceiling Panel

1 1/2" = 1'-0"

REFERENCE: 16/A907



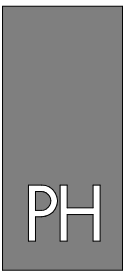
Section A-A



① Exterior Wall at Exposed Roof

1 1/2" = 1'-0"

REFERENCE: 27/A907



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Wood Ceiling @ Lobby

PROJECT:

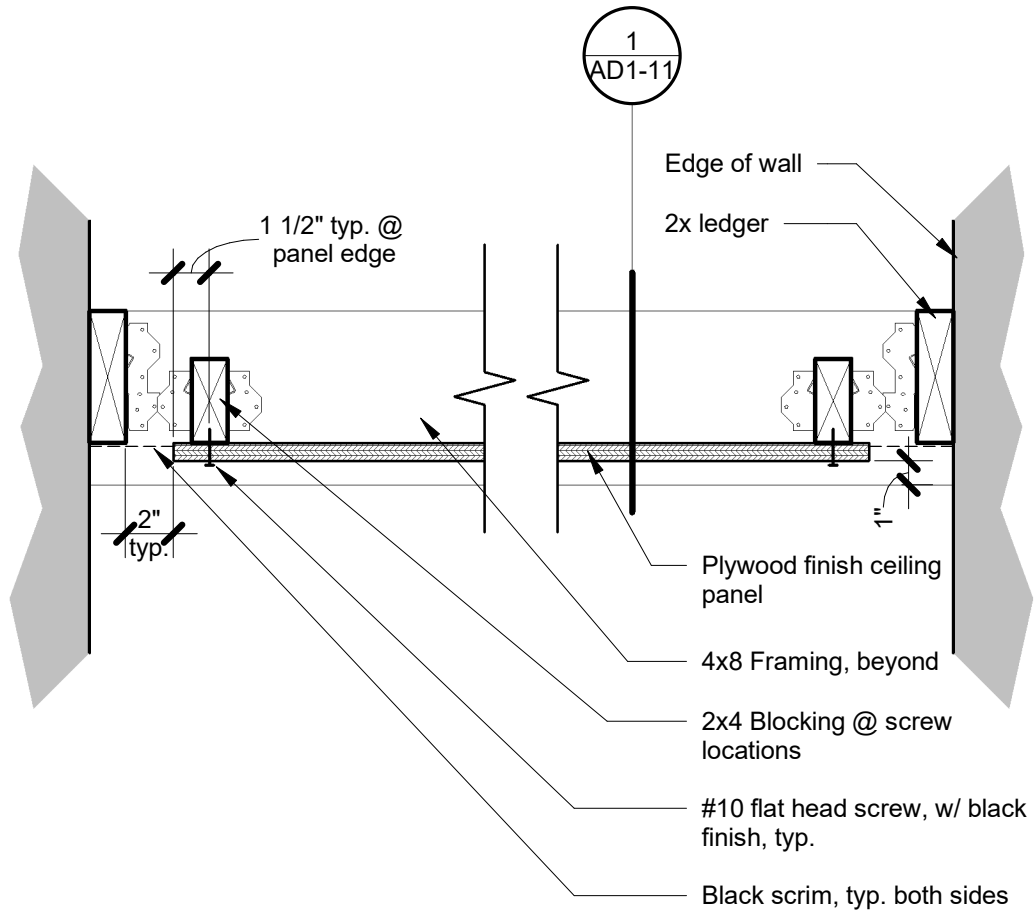
Senior Activity Center and Transit Center
Clovis Landmark Square

735 Third Street, Clovis, CA 93612

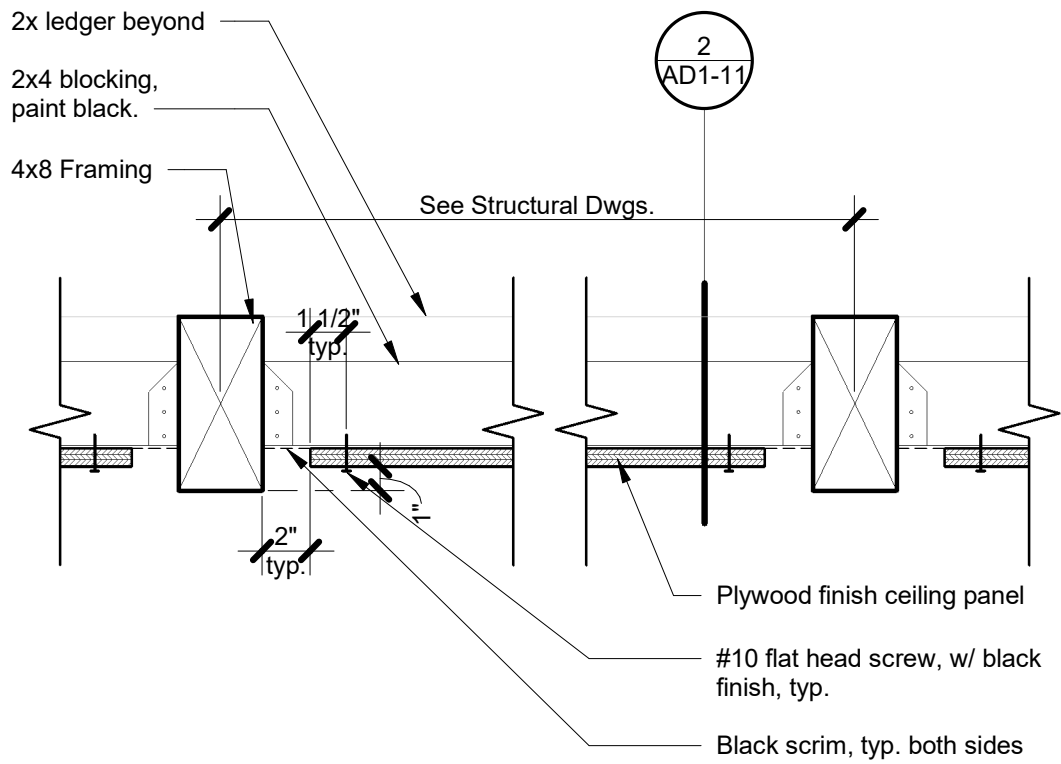
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PROJECT NUMBER:
2016-39

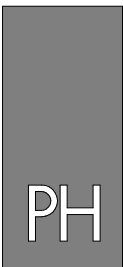
SHEET NUMBER:
AD1-10



② Wood Ceiling at South Hall 2
1 1/2" = 1'-0"



① Wood Ceiling at South Hall
1 1/2" = 1'-0"



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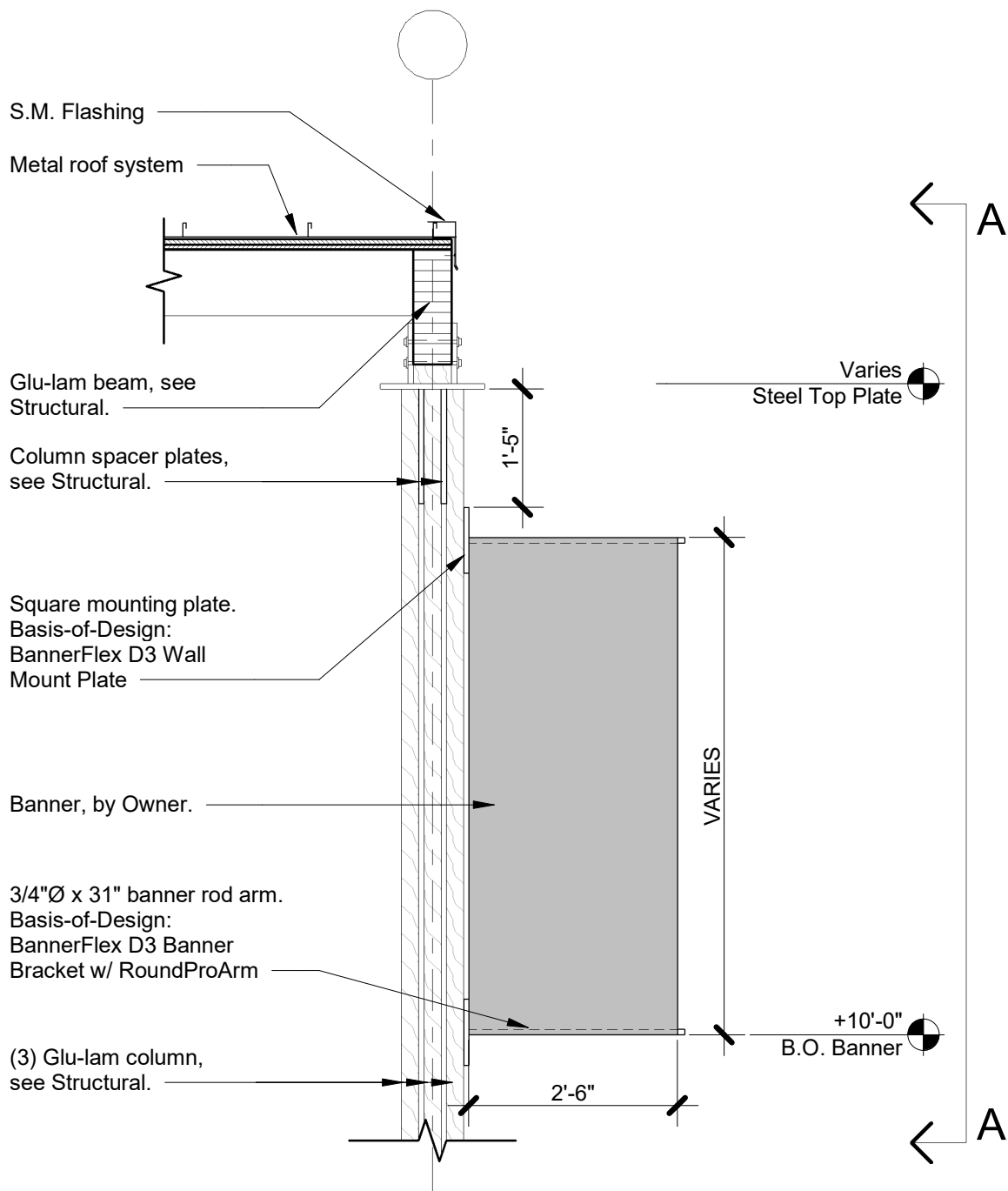
Wood Ceiling @ South Hall

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

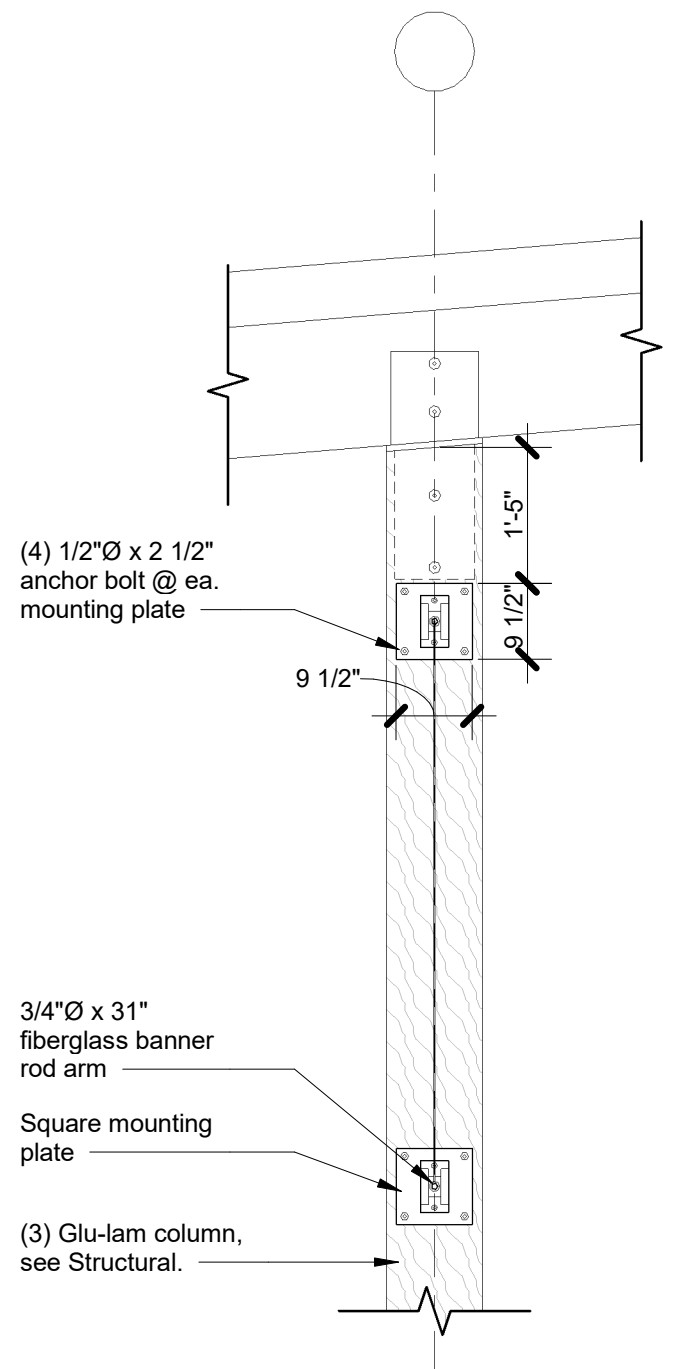
REFERENCE: N/A

PROJECT NUMBER:
2016-39

SHEET NUMBER:
AD1-11



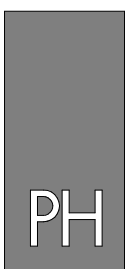
Elevation (typ.)



Elevation A-A

Column Mounted Vertical Banner

1/2" = 1'-0"



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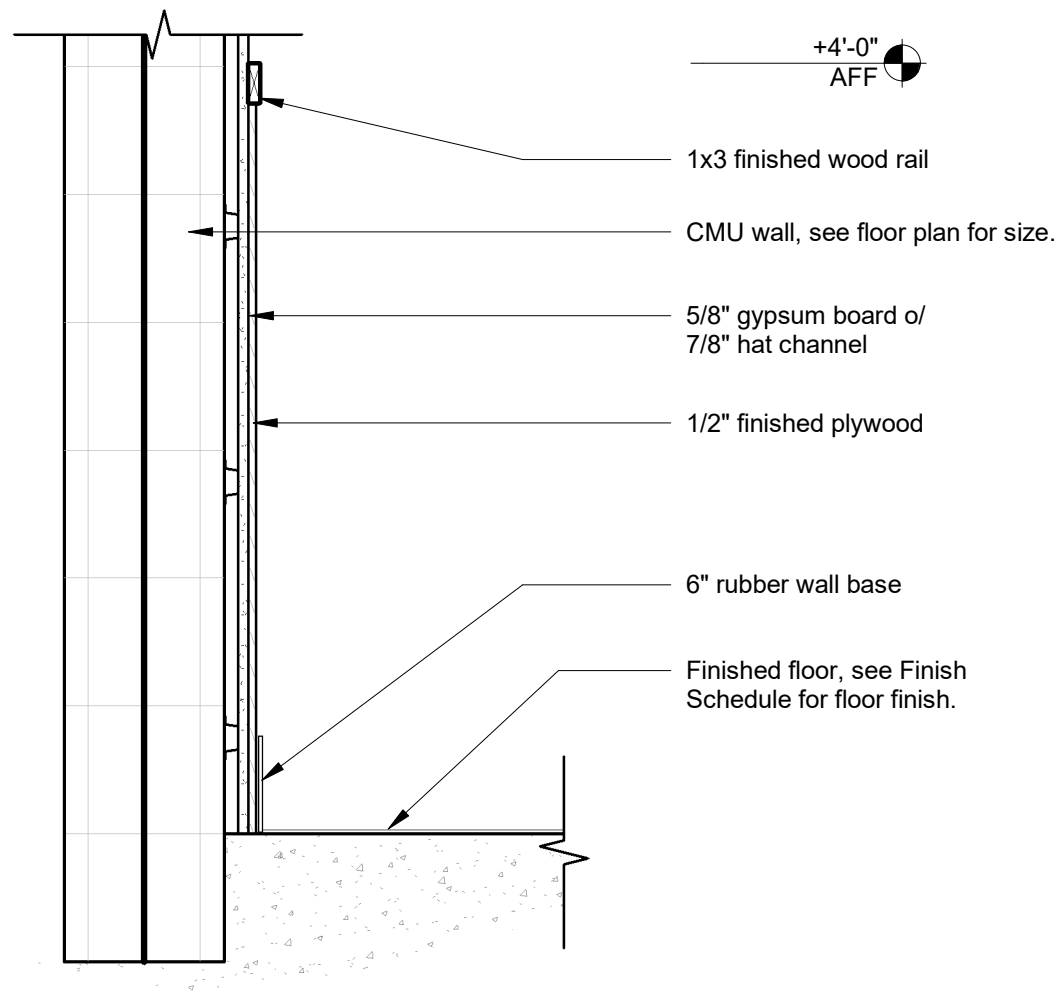
Column Mounted Vertical Banner

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

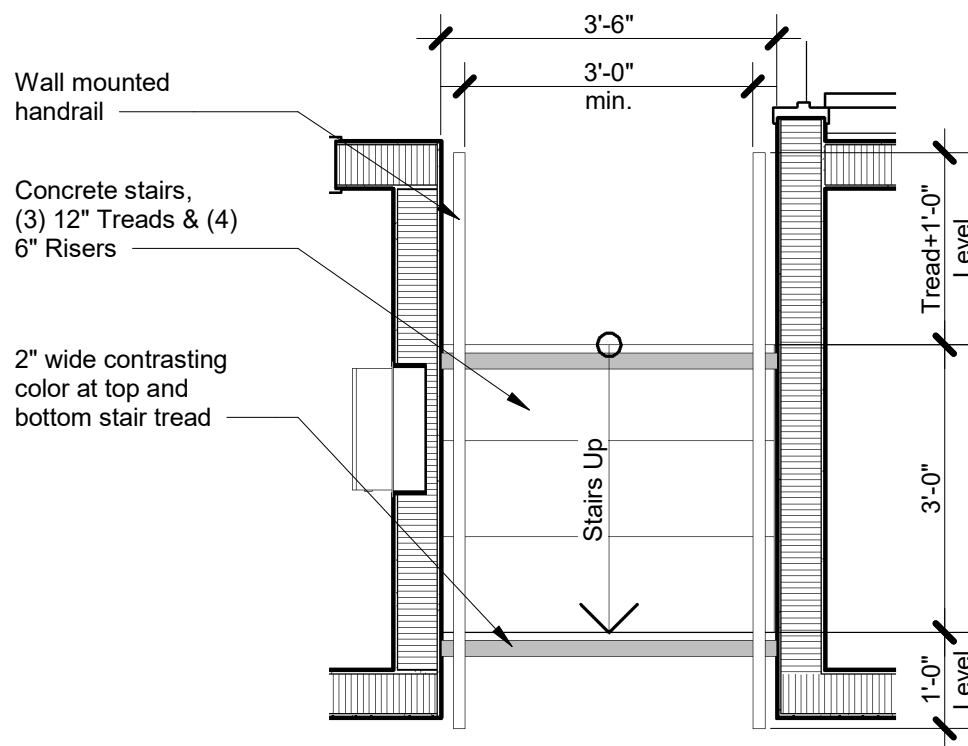
REFERENCE: N/A

PROJECT NUMBER:
2016-39

SHEET NUMBER:
AD1-12

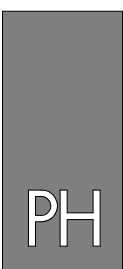


② SC - Wood Wainscot
1" = 1'-0"



① SC - Plan @ Stage Stair
1/2" = 1'-0"

REFERENCE: 5/A912



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Interior Details

PROJECT:

Senior Activity Center and Transit Center
Clovis Landmark Square

735 Third Street, Clovis, CA 93612

REFERENCE:

PROJECT NUMBER:
2016-39

SHEET NUMBER:
AD1-14



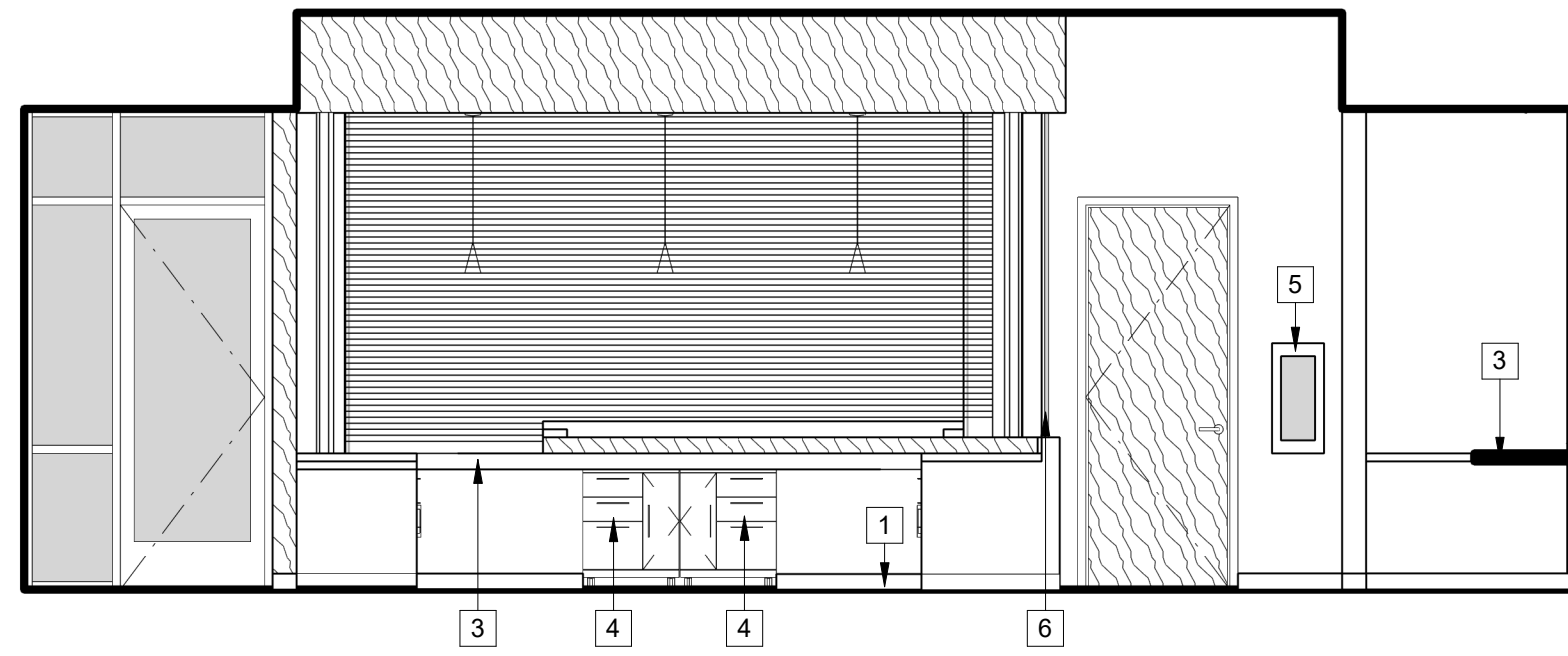
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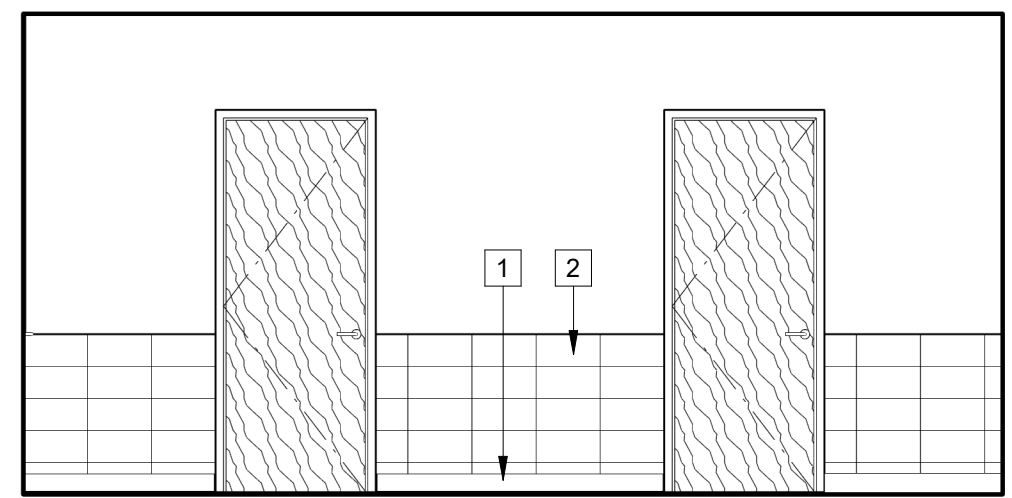
KEYNOTES

- 1 Wall base, Typ. See finish schedule sheet A731
- 2 3'-4"-High CMU Wainscot
- 3 Built-in reception desk. See casework details sheet A911.
- 4 Furniture by owner, NIC.
- 5 Fire Extinguisher Cabinet. See 18/A912.
- 6 Security Glass Wall



② 121 Open Office - c
 1/4" = 1'-0"

REFERENCE: 11/A801



① 153 Hall - b
 1/4" = 1'-0"

REFERENCE: 2/A809

PROJECT:
 Clovis Landmark Square
 Senior Activity Center and Transit Center
 735 Third Street, Clovis, CA 93612
SHEET: Interior Elevation - 153 Hall - b

DRAWING SET INFORMATION:

06/19/2020 Plan Check Submittal

REVISIONS:

NO.	DATE	DESCRIPTION
1	08/12/2020	Plan Check Revisions
2	10/08/2020	Addendum #1

PROJECT NUMBER:

2016-39

SHEET NUMBER:

AD1-15



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PROJECT:
Clovis Landmark Square
Senior Activity Center and Transit Center
735 Third Street, Clovis, CA 93612
SHEET: Interior Elevation - 201 Waiting Room c

DRAWING SET INFORMATION:

06/19/2020 Plan Check Submittal

REVISIONS:

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

PROJECT NUMBER:

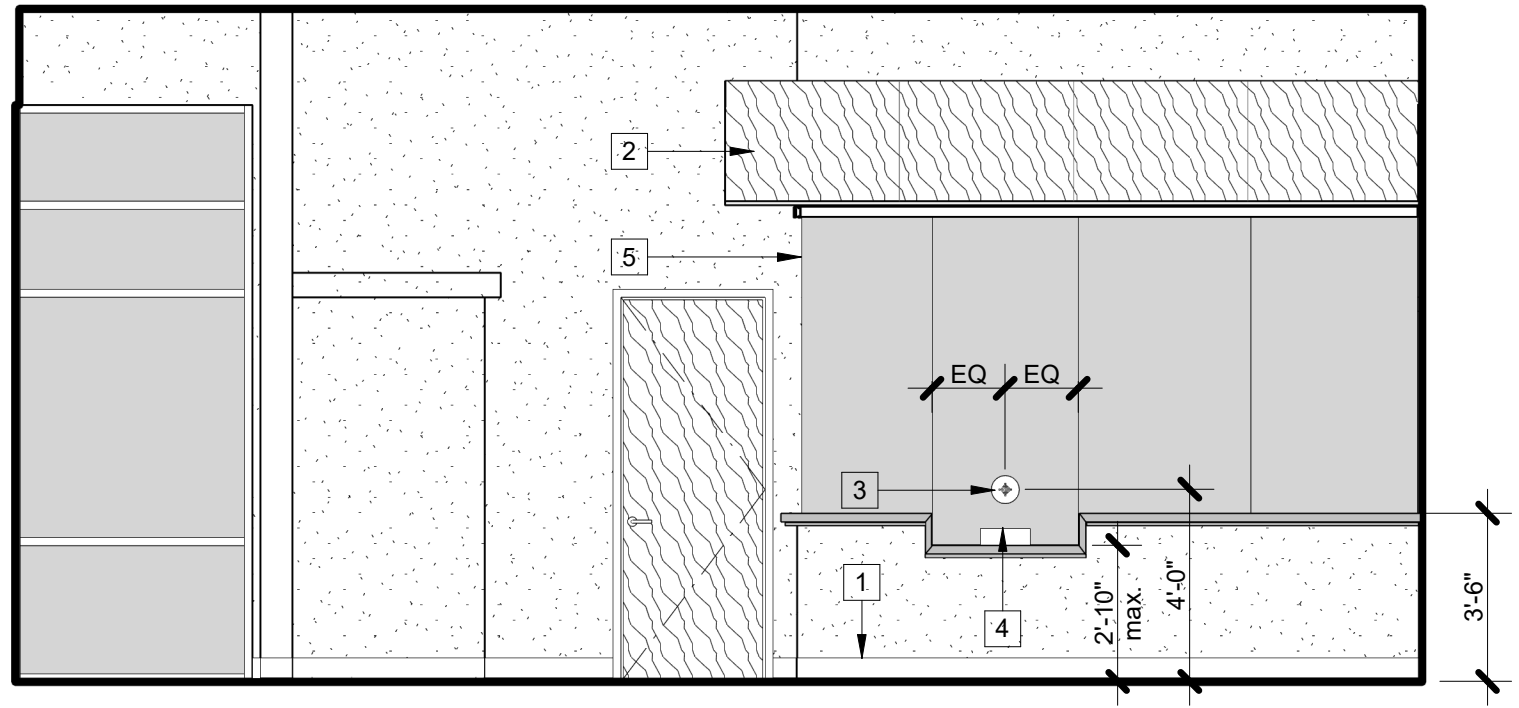
2016-39

SHEET NUMBER:

AD1-16

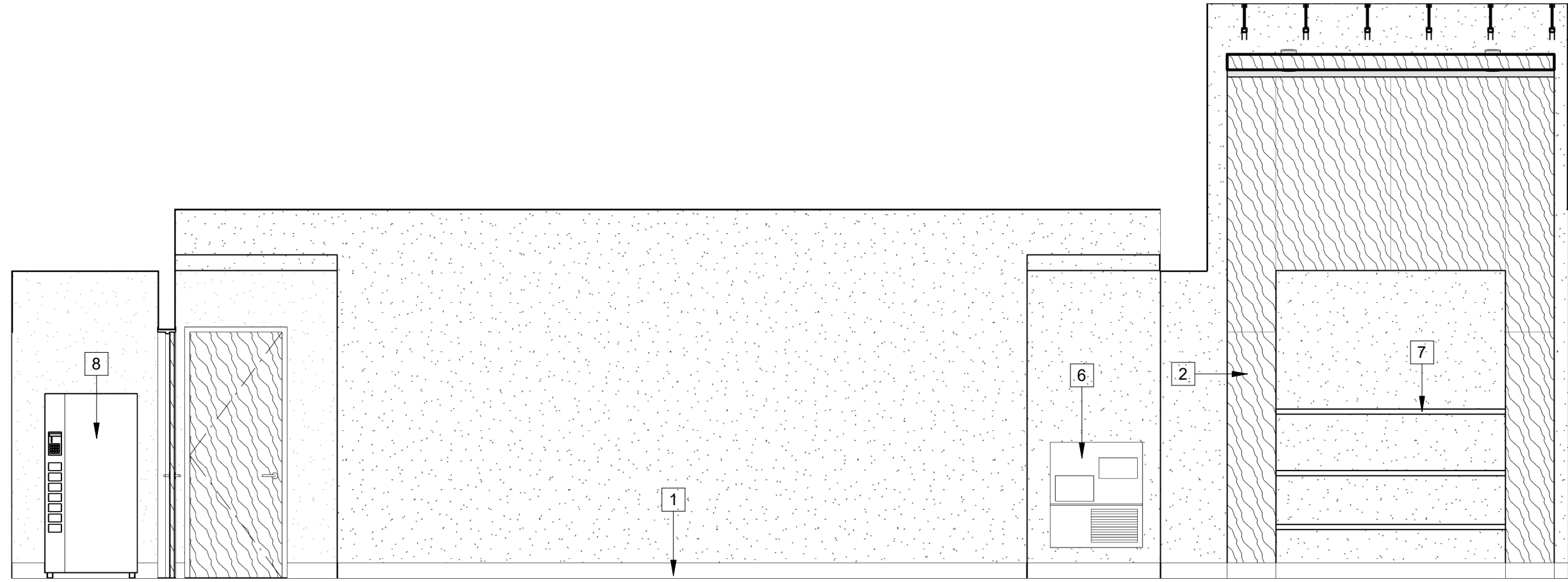
KEYNOTES

- 1 Wall base, Typ. See finish schedule sheet A731
- 2 Wood paneling. See Finish Schedules, (A700 sheets)
- 3 Speak-Thru
- 4 Pass-Thru
- 5 Security Glass Wall
- 6 Drinking fountain.
- 7 Built-in custom shelving, typ.
- 8 Vending machine by owner for reference only. See Electrical drawings.



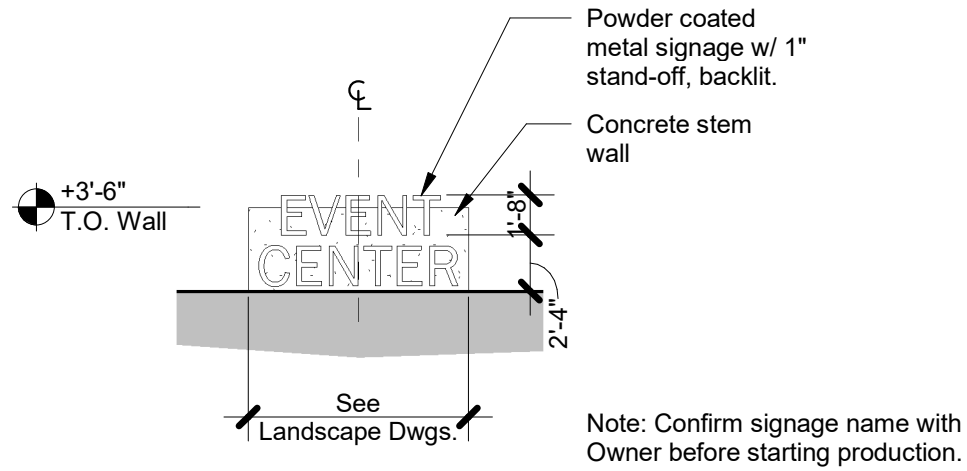
1 201 Waiting Room - c
1/4" = 1'-0"

REFERENCE: 7/A810

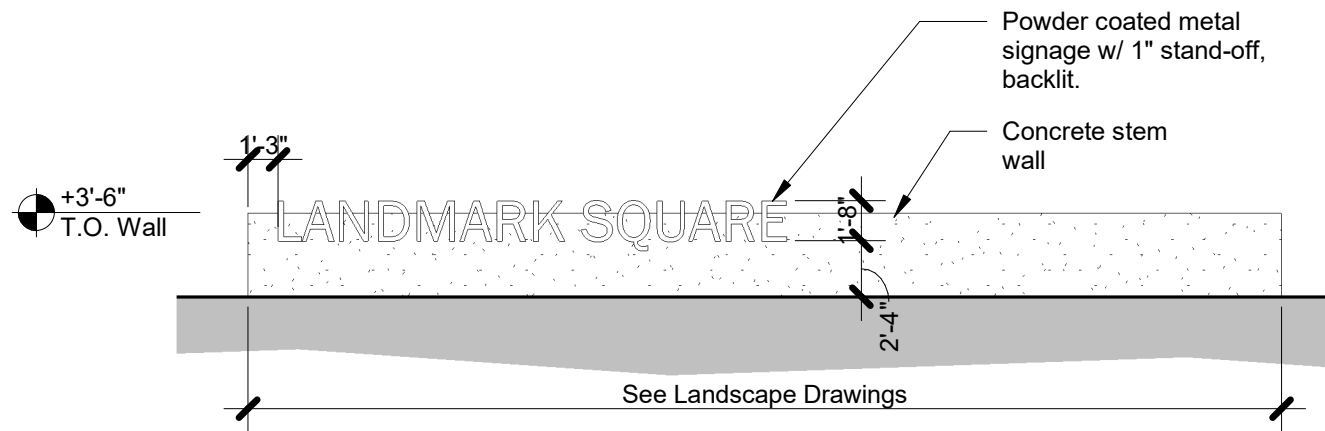


2 214 Hall - a
1/4" = 1'-0"

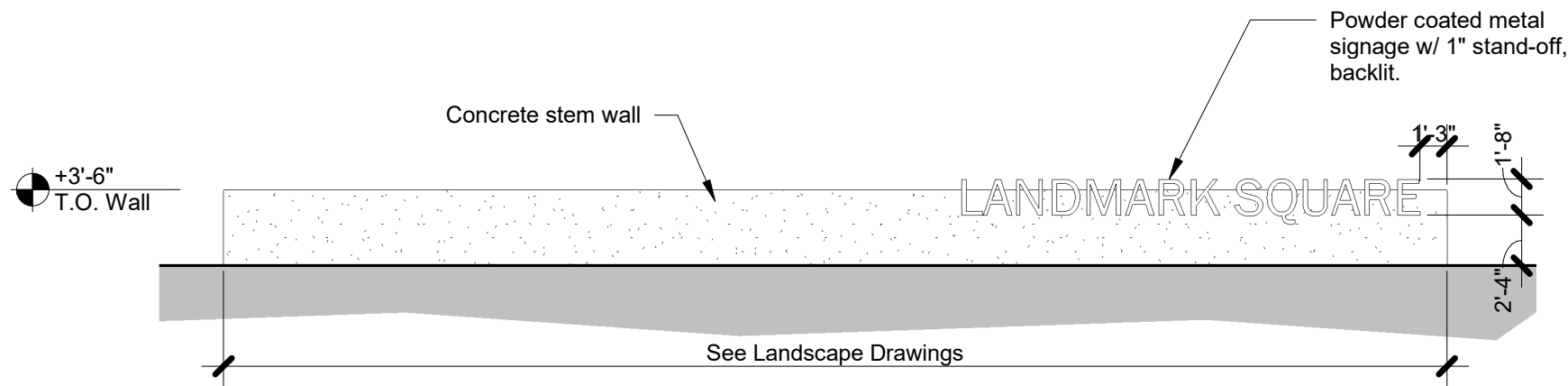
REFERENCE: 13/A811



North Monument Sign

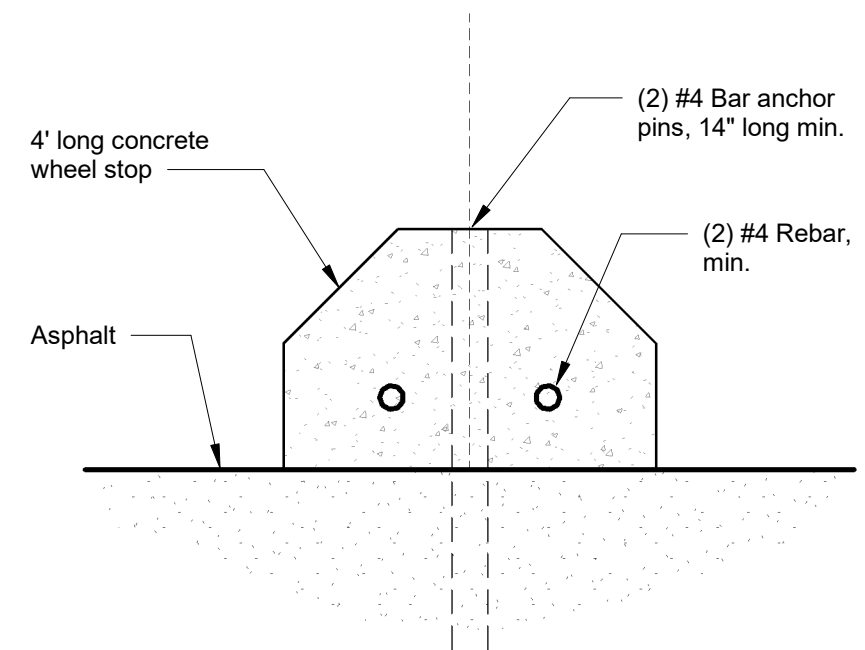


East Monument Sign



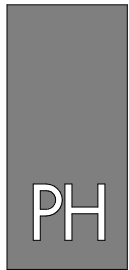
West Monument Sign

① **Concrete Monument Signs**
1/8" = 1'-0"



② **Wheel Stop, typ.**
3" = 1'-0"

REFERENCE: 11/A101



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

DRAWING SET INFORMATION:

06/19/2020 Plan Check Submittal

REVISIONS:

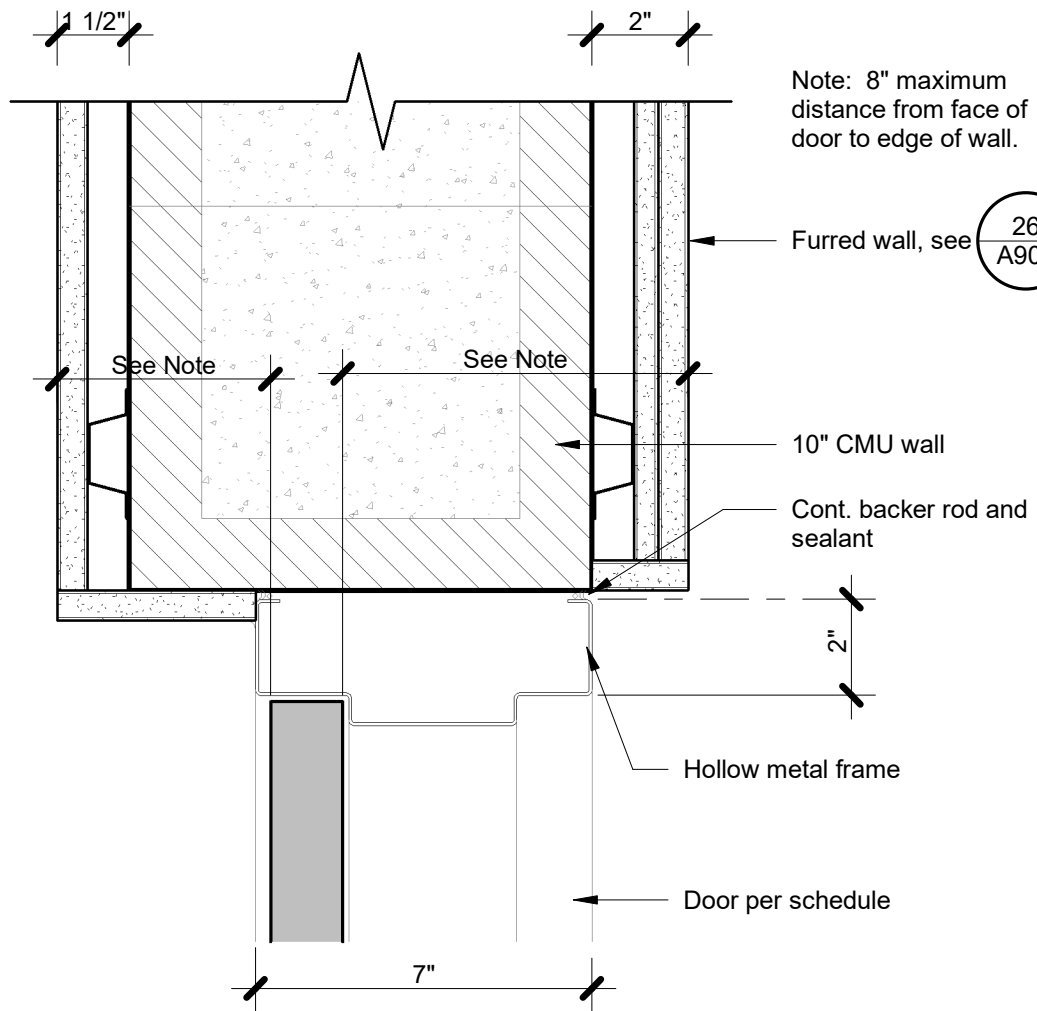
NO.	DATE	DESCRIPTION
1	08/12/2020	Plan Check Revisions
2	10/08/2020	Addendum #1

PROJECT NUMBER:

2016-39

SHEET NUMBER:

AD1-17



Int. HM Door Head w/ Furring - 10" CMU

3" = 1'-0"



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Interior HM Door Head w/ Furring

PROJECT:

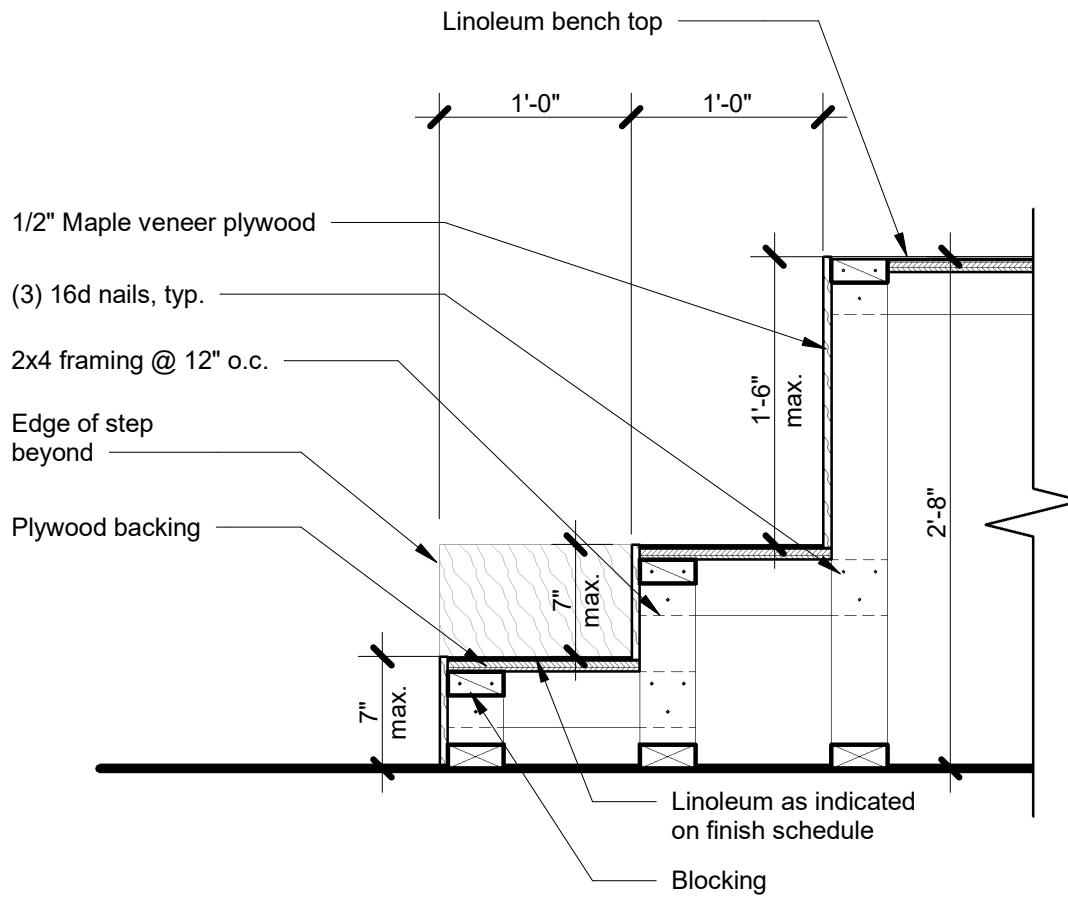
Senior Activity Center and Transit Center
Clovis Landmark Square

735 Third Street, Clovis, CA 93612

REFERENCE: 13/A901

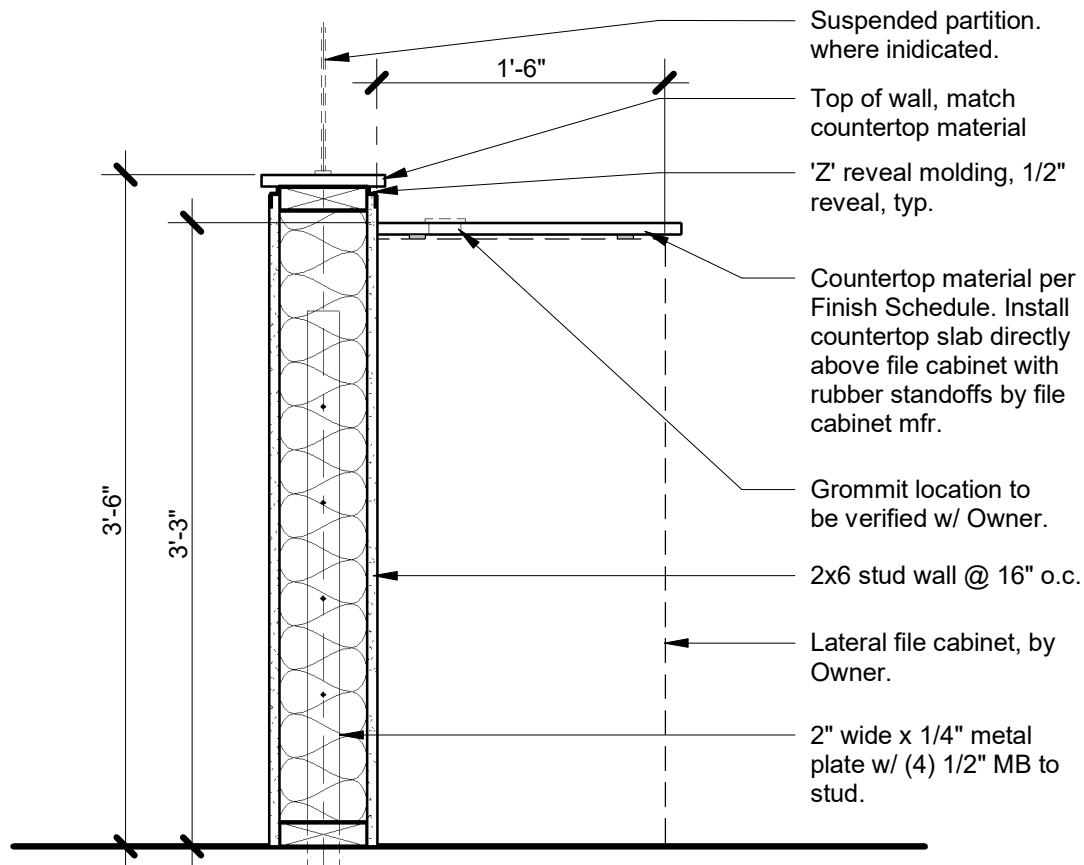
PROJECT NUMBER:
2016-39

SHEET NUMBER:
AD1-19



② SC - Billiard Seating @ Steps
1" = 1'-0"

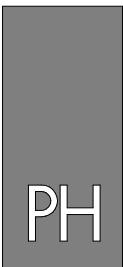
REFERENCE: 17/A911



ISLANDS @ SC AND TC OPEN OFFICE

① Work Island Countertop at Partial Height Wall
1" = 1'-0"

REFERENCE: 6/A911



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Casework Details

PROJECT:

Senior Activity Center and Transit Center
Clovis Landmark Square

735 Third Street, Clovis, CA 93612

REFERENCE:

PROJECT NUMBER:

2016-39

SHEET NUMBER:

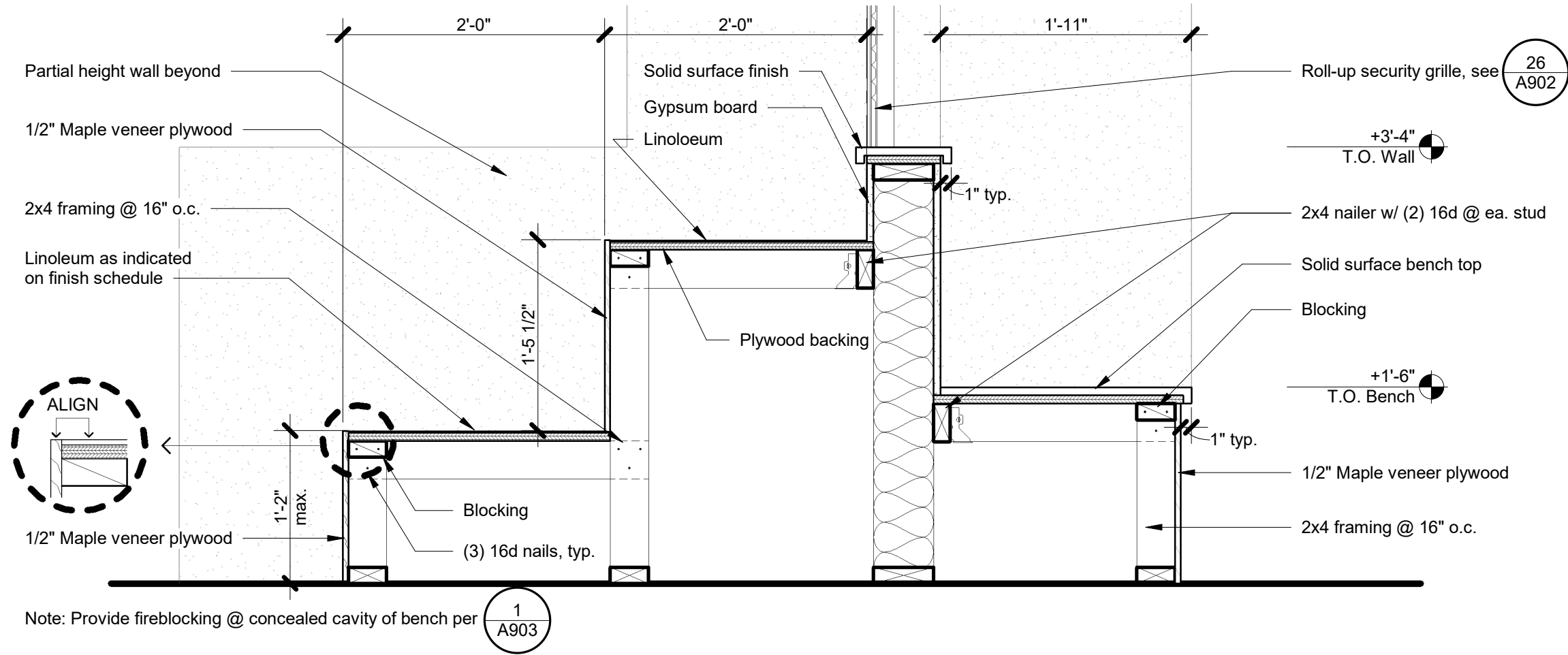
AD1-20



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SC - Billiard Seating

1" = 1'-0"

REFERENCE: 16/A911

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

DRAWING SET INFORMATION:

06/19/2020 Plan Check Submittal

REVISIONS:

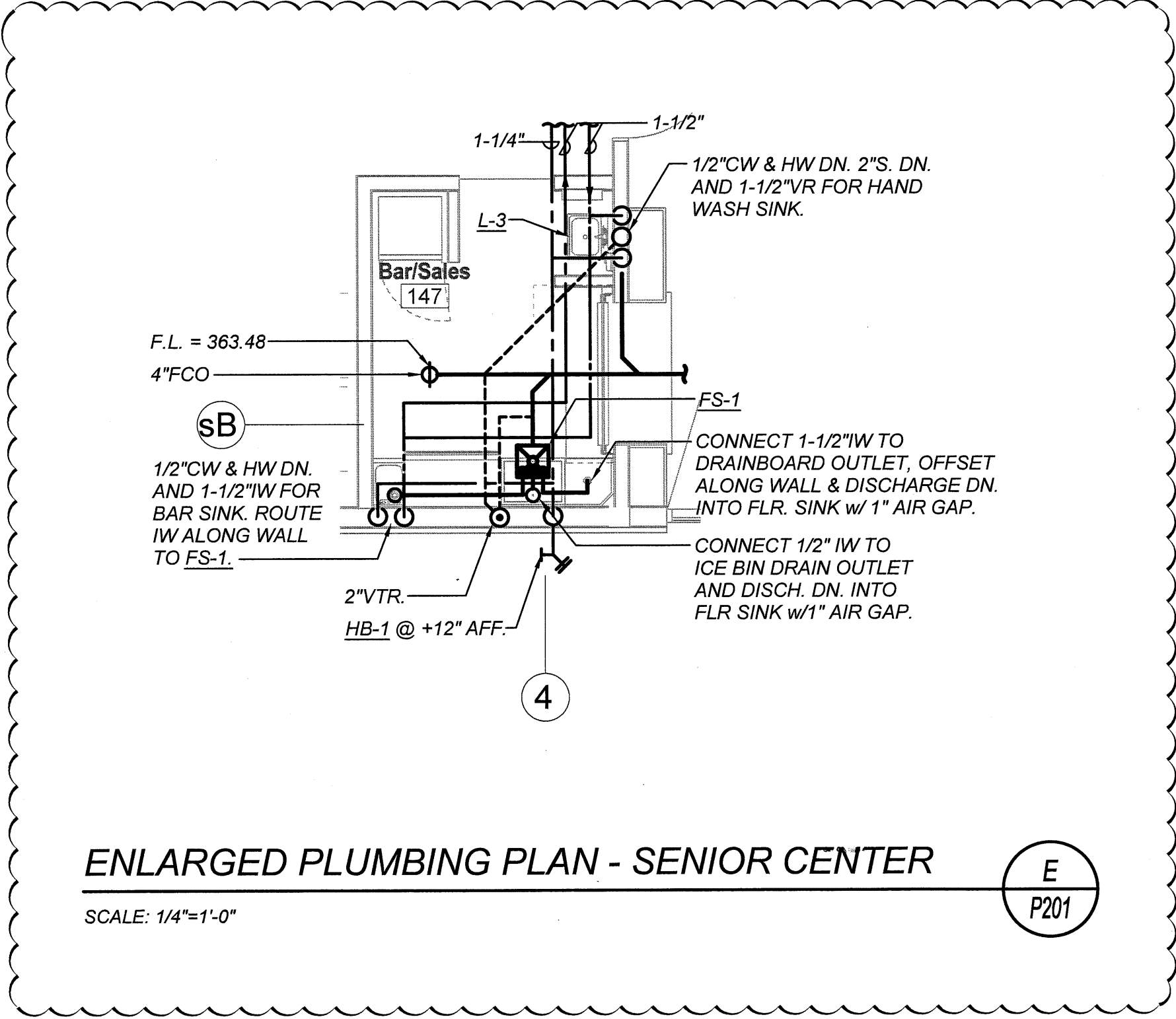
1	08/12/2020	Plan Check Revisions
2	10/08/2020	Addendum #1

PROJECT NUMBER:

2016-39

SHEET NUMBER:

AD1-21



2

ENLARGED PLUMBING PLAN - SENIOR CENTER

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

E
P201



PH

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PROJECT:
 Clovis Landmark Square
 Senior Activity Center and Transit Center
 735 Third Street, Clovis, CA 93612
SHEET: P201

DRAWING SET INFORMATION:

REVISIONS:	
2	10/8/20 ADDENDUM 1

PROJECT NUMBER:
 2016-39

SHEET NUMBER:
 AD1 - P1

LAWRENCE ENGINEERING GROUP
 7084 N. Maple Ave., Suite 101 Fresno, CA 93720
 (559) 431-0101 17654 FAX (559) 431-1362

SECTION 101419

DIMENSIONAL LETTER SIGNAGE

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. Cast dimensional characters.
 - 2. Cutout dimensional characters.
 - 3. Fabricated channel dimensional characters.
 - 4. Illuminated, fabricated channel dimensional characters.
 - 5. Molded-plastic dimensional characters.
 - 6. Illuminated, molded-plastic dimensional characters.

1.3 DEFINITIONS

- A. Illuminated: Illuminated by lighting source integrally constructed as part of the sign unit.

1.4 COORDINATION

- A. Furnish templates for placement of electrical service embedded in permanent construction by other installers.

1.5 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Shop Drawings: For signs.
 - 1. Include fabrication and installation details and attachments to other work.
 - 2. Show sign mounting heights, locations of supplementary supports to be provided by other installers, and accessories.
 - 3. Show message list, typestyles, graphic elements, and layout for each sign at least half size.
 - 4. Show locations of electrical service connections.
 - 5. Include diagrams for power, signal, and control wiring.

- C. Samples for Initial Selection: For each type of sign assembly, exposed component, and exposed finish.
 - 1. Include representative Samples of available timesteps and graphic symbols.
- D. Samples for Verification: For each type of sign assembly showing all components and with the required finish(es), in manufacturer's standard size unless otherwise indicated and as follows:
 - 1. Dimensional Characters: Full-size Sample of each type of dimensional character.
 - 2. Exposed Accessories: Full-size Sample of each accessory type.
 - 3. Full-size Samples, if approved, will be returned to Contractor for use in the Project.
- E. Product Schedule: For dimensional letter signs. Use same designations indicated on Drawings or specified.

1.6 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For Installer and manufacturer.
- B. Sample Warranty: For special warranty.

1.7 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For signs to include in maintenance manuals.

1.8 QUALITY ASSURANCE

- A. Installer Qualifications: An entity that employs installers and supervisors who are trained and approved by manufacturer.

1.9 FIELD CONDITIONS

- A. Field Measurements: Verify locations of electrical service embedded in permanent construction by other installers by field measurements before fabrication, and indicate measurements on Shop Drawings.

1.10 WARRANTY

- A. Special Warranty: Manufacturer agrees to repair or replace components of signs that fail in materials or workmanship within specified warranty period.
 - 1. Failures include, but are not limited to, the following:
 - a. Deterioration of finishes beyond normal weathering.
 - b. Separation or delamination of sheet materials and components.

2. Warranty Period: Five years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. Delegated Design: Engage a qualified professional engineer, as defined in Section 014000 "Quality Requirements," to design sign structure and anchorage of dimensional character sign type(s) according to structural performance requirements.
- B. Structural Performance: Signs and supporting elements shall withstand the effects of gravity and other loads within limits and under conditions indicated.
 1. Uniform Wind Load
 2. Concentrated Horizontal Load
 3. Uniform and concentrated loads need not be assumed to act concurrently.
- C. Thermal Movements: For exterior signage, allow for thermal movements from ambient and surface temperature changes.
 1. Temperature Change: 120 deg F ambient; 180 deg F, material surfaces.
- D. 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.

2.2 DIMENSIONAL CHARACTERS

- A. Fabricated Channel Characters Metal face and side returns, formed free from warp and distortion; with uniform faces, sharp corners, and precisely formed lines and profiles; internally braced for stability, to meet structural performance loading without oil-canning or other surface deformation, and for securing fasteners; and as follows.
 1. Illuminated Characters: Backlighting character construction with LED lighting, including transformers, insulators, and other accessories for operability, with provision for servicing and concealing connections to building electrical system. Use tight or sealed joint construction to prevent unintentional light leakage. Space lamps apart from each other and away from character surfaces as needed to illuminate evenly.
 - a. Power: As indicated on electrical Drawings.
 - b. Weeps: Provide weep holes to drain water at lowest part of exterior characters. Equip weeps with permanent baffles to block light leakage without inhibiting drainage.
 2. Character Material: Sheet aluminum
 3. Material Thickness: Manufacturer's standard for size and design of character
 4. Character Height: As indicated on Drawings

5. Character Depth: As indicated on Drawings
6. Finishes:
 - a. Baked-Enamel or Powder-Coat Finish: Manufacturer's standard, in color as selected by Architect from manufacturer's full range.
7. Mounting: Manufacturer's standard for size and design of character
 - a. Hold characters at 2-inch distance from wall surface.
8. Typeface:
 - a. For Bidding purposes: Futura Bk
 - b. Final font to be determined by Owner.

2.3 DIMENSIONAL CHARACTER MATERIALS

- A. Aluminum Castings: ASTM B26/B26M, alloy and temper recommended by sign manufacturer for casting process used and for type of use and finish indicated.
- B. Aluminum Sheet and Plate: ASTM B209 (ASTM B209M), alloy and temper recommended by aluminum producer and finisher for type of use and finish indicated.
- C. Aluminum Extrusions: ASTM B221 (ASTM B221M), alloy and temper recommended by aluminum producer and finisher for type of use and finish indicated.
- D. Paints and Coatings for Sheet Materials: Inks, dyes, and paints that are recommended by manufacturer for optimum adherence to surface and are UV and water resistant for colors and exposure indicated.

2.4 ACCESSORIES

- A. Fasteners and Anchors: Manufacturer's standard as required for secure anchorage of signs, noncorrosive and compatible with each material joined, and complying with the following:
 1. Use concealed fasteners and anchors unless indicated to be exposed.
 2. For exterior exposure, furnish nonferrous-metal.
 3. Exposed Metal-Fastener Components, General:
 - a. Fabricated from same basic metal and finish of fastened metal unless otherwise indicated.
 - b. Fastener Heads: For nonstructural connections, use screws and bolts with tamper-resistant spanner-head slots unless otherwise indicated.
 4. Sign Mounting Fasteners:
 - a. Concealed Studs: Concealed (blind), threaded studs welded or brazed to back of sign material, screwed into back of sign assembly, or screwed into tapped lugs cast integrally into back of cast sign material, unless otherwise indicated.

- b. Projecting Studs: Threaded studs with sleeve spacer, welded or brazed to back of sign material, screwed into back of sign assembly, or screwed into tapped lugs cast integrally into back of cast sign material, unless otherwise indicated.

2.5 FABRICATION

- A. General: Provide manufacturer's standard sign assemblies according to requirements indicated.
 - 1. Preassemble signs and assemblies in the shop to greatest extent possible. Disassemble signs and assemblies only as necessary for shipping and handling limitations. Clearly mark units for reassembly and installation; apply markings in locations concealed from view after final assembly.
 - 2. Mill joints to a tight, hairline fit. Form assemblies and joints exposed to weather to resist water penetration and retention.
 - 3. Comply with AWS for recommended practices in welding and brazing. Provide welds and brazes behind finished surfaces without distorting or discoloring exposed side. Clean exposed welded and brazed connections of flux, and dress exposed and contact surfaces.
 - 4. Conceal connections if possible; otherwise, locate connections where they are inconspicuous.
 - 5. Internally brace dimensional characters for stability, to meet structural performance loading without oil-canning or other surface deformation, and for securing fasteners.
 - 6. Provide rabbets, lugs, and tabs necessary to assemble components and to attach to existing work. Drill and tap for required fasteners. Use concealed fasteners where possible; use exposed fasteners that match sign finish.
 - 7. Castings: Fabricate castings free of warp, cracks, blowholes, pits, scale, sand holes, and other defects that impair appearance or strength. Grind, wire brush, sandblast, and buff castings to remove seams, gate marks, casting flash, and other casting marks before finishing.

2.6 GENERAL FINISH REQUIREMENTS

- A. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.
- B. Appearance of Finished Work: Noticeable variations in same piece are not acceptable. 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.
- C. Directional Finishes: Run grain with long dimension of each piece and perpendicular to long dimension of finished trim or border surface unless otherwise indicated.
- D. Organic, Anodic, and Chemically Produced Finishes: Apply to formed metal after fabrication but before applying contrasting polished finishes on raised features unless otherwise indicated.

2.7 ALUMINUM FINISHES

- A. Baked-Enamel or Powder-Coat Finish: AAMA 2603 except with a minimum dry film thickness of 1.5 mils. Comply with coating manufacturer's written instructions for cleaning, conversion coating, and applying and baking finish.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance.
- B. Verify that sign-support surfaces are within tolerances to accommodate signs without gaps or irregularities between backs of signs and support surfaces unless otherwise indicated.
- C. Verify that electrical service is correctly sized and located to accommodate signs.
- D. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. General: Install signs using mounting methods indicated and according to manufacturer's written instructions.
 - 1. Install signs level, plumb, true to line, and at locations and heights indicated, with sign surfaces free of distortion and other defects in appearance.
 - 2. Before installation, verify that sign surfaces are clean and free of materials or debris that would impair installation.
 - 3. Corrosion Protection: Coat concealed surfaces of exterior aluminum in contact with grout, concrete, masonry, wood, or dissimilar metals, with a heavy coat of bituminous paint.
- B. Mounting Methods:
 - 1. Concealed Studs: Using a template, drill holes in substrate aligning with studs on back of sign. Remove loose debris from hole and substrate surface.
 - a. Masonry Substrates: Fill holes with adhesive. Leave recess space in hole for displaced adhesive. Place sign in position and push until flush to surface, embedding studs in holes. Temporarily support sign in position until adhesive fully sets.
 - b. Thin or Hollow Surfaces: Place sign in position and flush to surface, install washers and nuts on studs projecting through opposite side of surface, and tighten.

2. Projecting Studs: Using a template, drill holes in substrate aligning with studs on back of sign. Remove loose debris from hole and substrate surface.
 - a. Masonry Substrates: Fill holes with adhesive. Leave recess space in hole for displaced adhesive. Place spacers on studs, place sign in position, and push until spacers are pinched between sign and substrate, embedding the stud ends in holes. Temporarily support sign in position until adhesive fully sets.
 - b. Thin or Hollow Surfaces: Place spacers on studs, place sign in position with spacers pinched between sign and substrate, and install washers and nuts on stud ends projecting through opposite side of surface, and tighten.

3.3 ADJUSTING AND CLEANING

- A. Remove and replace damaged or deformed characters and signs that do not comply with specified requirements. Replace characters with damaged or deteriorated finishes or components that cannot be successfully repaired by finish touchup or similar minor repair procedures.
- B. Remove temporary protective coverings and strippable films as signs are installed.
- C. On completion of installation, clean exposed surfaces of signs according to manufacturer's written instructions, and touch up minor nicks and abrasions in finish. Maintain signs in a clean condition during construction and protect from damage until acceptance by Owner.

END OF SECTION



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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: 10/14/2020
 Meeting Location: City of Clovis Senior Center
 Meeting Subject: Pre-Bid Meeting

Name	Company	email
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