

ADDENDUM 1 (PENDING DSA APPROVAL)

HAMMEL, GREEN AND ABRAHAMSON, INC., ARCHITECTS & ENGINEERS

1918 Main Street, Third Floor
Santa Monica, CA 90405

PROJECT: **Santa Ana College**
 Science Center

DATE: 8/23/2017

OWNER: **RSCCD**
 2323 N. Broadway, Suite 112
 Santa Ana, CA 92706

DSA File No.: 30-C2
DSA Applications No.: 04-115788
HGA Commission No.: 3584-001-00

CONSTRUCTION MANAGER:

BERNARDS
3633 E. Inland Empire Blvd., Suite 800
Ontario, CA 91764

The additions, revisions, omissions, corrections and clarifications contained herein shall be made to drawings and specifications for the project and shall be included in scope of work and bids to be submitted. Additionally, reference documents, such as as-built documentation of existing buildings, are provided to further quantify the scope of work. References made below to specifications, drawings, and other documents shall be used as a general guide only. Bidders and Contractors shall determine for themselves the work affected by Addendum items.

RFP

None

SPECIFICATIONS

None

DRAWINGS

ARCHITECTURAL:

Item AD-1-1: G003

- Added Detail 7 regarding submittal requirements.

Item AD-1-2: A205

- North canopy reduced by 5'-0" at Detail 1.
- Gutter removed from roof at north canopy at Detail 1.
- Notes revised at Detail 2.

Item AD-1-3: A301

- North canopy reduced by 5'-0".
- Bracing clarified for pendant fixture outside of Science Learning center.
- Associated fire sprinklers, lighting fixture shifted south as a result.

Item AD-1-4: A400

- Butt joints and glass type updated at storefront SF1 and Curtainwall CW1 at Details 1 and 2.
- Extended metal panel above entry canopy at Detail 1.

Item AD-1-5: A403

- Material tag revised.

Item AD-1-6: A421

- North canopy reduced by 5'-0" at Details 1, 2, and 3.
- Gutter removed from roof at north canopy at Details 1, 2, and 3.
- Framing at canopy revised to match structural drawings at Details 1, 2, and 3.

Item AD-1-7: A422

- North canopy reduced by 5'-0" at Details 1, 2, and 3.
- Gutter removed from roof at north canopy at Details 1, 2, and 3.
- Framing at canopy revised to match structural drawings at Details 1 and 2.

Item AD-1-8: A430

- Removed rigid insulation from parapet wall at Detail 2.
- Framing at canopy revised to match structural drawings at Details 4.

Item AD-1-9: A431

- North canopy reduced by 5'-0" at Details 1.
- Gutter removed from roof at north canopy at Details 1.
- Framing at canopy revised to match structural drawings at Details 1.

Item AD-1-10: A432

- North canopy reduced by 5'-0" at Details 5, 8, and 9.
- Gutter removed from roof at north canopy at Details 5.
- Framing at canopy revised to match structural drawings at Details 5, 6C, 7, 8, and 9.

Item AD-1-11: A433

- Gutter removed from roof at north canopy at Details 1.
- Framing at canopy revised to match structural drawings at Details 1 and 4.

Item AD-1-12: A440

- New detail 6 added to clarify the horizontal drift joint at curtainwall type CW1.
- Changed to butt joint at Detail 4.

Item AD-1-13: A445

- North canopy reduced by 5'-0" at Details 1, 2, and 3.
- Framing at canopy revised to match structural drawings at Details 1, 2, and 3.
- Added detail 4, Enlarged Canopy Roof Plan- Alternate #1

Item AD-1-14: A451

- Columns furrowed out to edge of storefront at Detail 2 and 4.
- Butt joint locations updated at Detail 2 and 4.

Item AD-1-15: A481

- Added material ID tag <TPO-1> to single ply membrane.

Item AD-1-16: A491

- Location of butt joints and glass type at storefront changed at Detail 4 and 5.
- Location of butt joints at curtainwall changed at Detail 1.

- Added detail reference 6/A440 at drift joint location at Detail 1, 2, 3, and 10.
- Clarified condition at canopy at Detail 1.
- Note added for all glass located on first floor and below to be laminated glass.

STRUCTURAL:

Item AD-1-17: S2.02

- Extent of the entry canopy shortened by 5'-0"

Item AD-1-18: S2.06

- Extent of the entry canopy shortened by 5'-0"
- A few member sizes were updated based on the revised calculations.
- Angle on top of WF beam has been removed.

Item AD-1-19: S7.01

- Angles on top of WF beams were removed in details 4, 5, and 6

Item AD-1-20: S8.13

- Detail 2 has been updated based on the revised canopy extent. Additional clarifications provided.

Item AD-1-21: S8.14

- Detail 2 has been updated based on the revised canopy extent. Additional clarifications provided.

Item AD-1-22: S8.21

- Detail 11 has been updated based on the revised canopy extent and revised calculations.

PLUMBING:

Item AD-1-23: P0.02

- Revised fixture schedule to reflect RD-2

Item AD-1-24: P2.00

- North canopy reduced by 5'-0"
- Revised storm drain pipe layout

Item AD-1-25: P2.01

- North canopy reduced by 5'-0"
- Revised storm drain pipe layout
- Added storm and overflow drains in south side of building

Item AD-1-26: P2.02

- Reflected RD-2 in north and south canopy areas.
- Reflected storm and overflow drains in south side of building

Item AD-1-27: P4.13

- Updated storm drain riser diagrams per changes.

FIRE PROTECTION:

Item AD-1-28: FP-201

- North canopy reduced by 5'-0"
- Fire Sprinkler locations shifted south and pipes are reduced in length.

Item AD-1-29: FP-301

- North canopy reduced by 5'-0"
- Fire Sprinkler locations shifted south and pipes are reduced in length.

DRAWINGS – AS-BUILT

None

RESPONSES TO PRE-BID CLARIFICATION (“PBC”)

None

ATTACHMENTS:

Item AD-1-1: G003 (1 sheet)
Item AD-1-2: A205 (1 sheet)
Item AD-1-3: A301 (1 sheet)
Item AD-1-4: A400 (1 sheet)
Item AD-1-5: A403 (1 sheet)
Item AD-1-6: A421 (1 sheet)
Item AD-1-7: A422 (1 sheet)
Item AD-1-8: A430 (1 sheet)
Item AD-1-9: A431 (1 sheet)
Item AD-1-10: A432 (1 sheet)
Item AD-1-11: A433 (1 sheet)
Item AD-1-12: A440 (1 sheet)
Item AD-1-13: A445 (1 sheet)
Item AD-1-14: A451 (1 sheet)
Item AD-1-15: A481 (1 sheet)
Item AD-1-16: A491 (1 sheet)
Item AD-1-17: S2.02 (1 sheet)
Item AD-1-18: S2.06 (1 sheet)
Item AD-1-19: S7.01 (1 sheet)
Item AD-1-20: S8.13 (1 sheet)
Item AD-1-21: S8.14 (1 sheet)
Item AD-1-22: S8.21 (1 sheet)
Item AD-1-23: P0.02 (1 sheet)
Item AD-1-24: P2.00 (1 sheet)
Item AD-1-25: P2.01 (1 sheet)
Item AD-1-26: P2.02 (1 sheet)
Item AD-1-27: P4.13 (1 sheet)
Item AD-1-28: FP-201 (1 sheet)
Item AD-1-29: FP-301 (1 sheet)

END OF ADDENDUM 1



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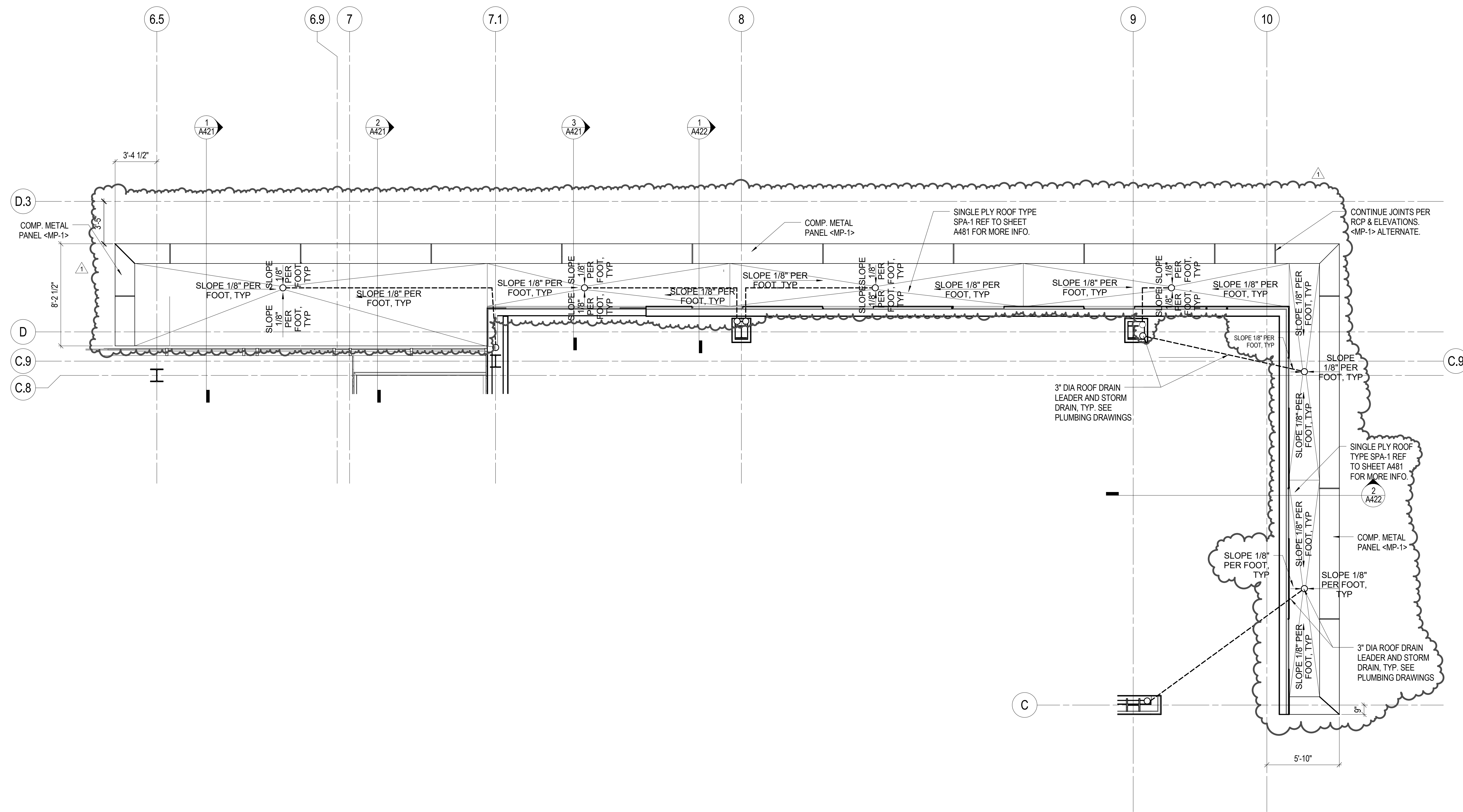


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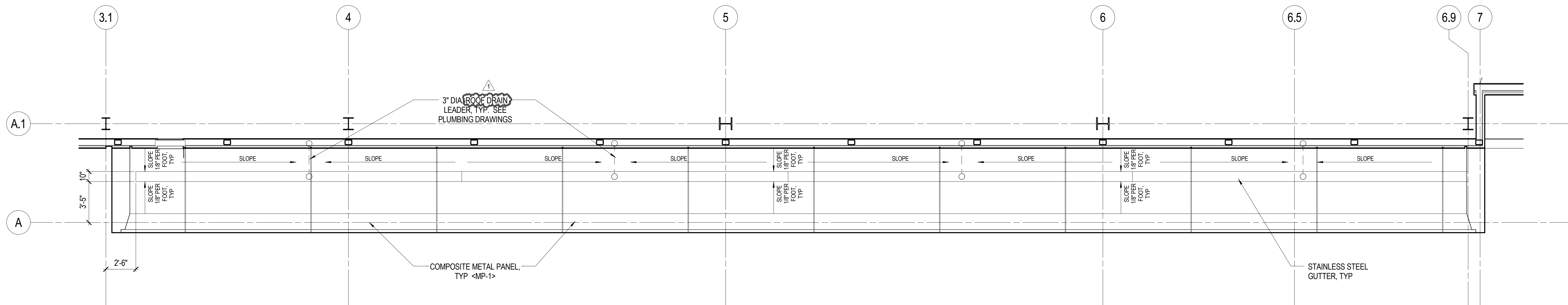
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NAME: JAMES G. MATSON
DATE: MAY 18, 2017
REGISTRATION NUMBER: C13038



1 ENLARGED CANOPY ROOF PLAN
1/4" = 1'-0"



2 ENLARGED SOUTH BOX PLAN - LOWER LEVEL
1/4" = 1'-0"

NOTE: SEE ROOF PLAN FOR UPPER LEVEL SOUTH BOX PLAN

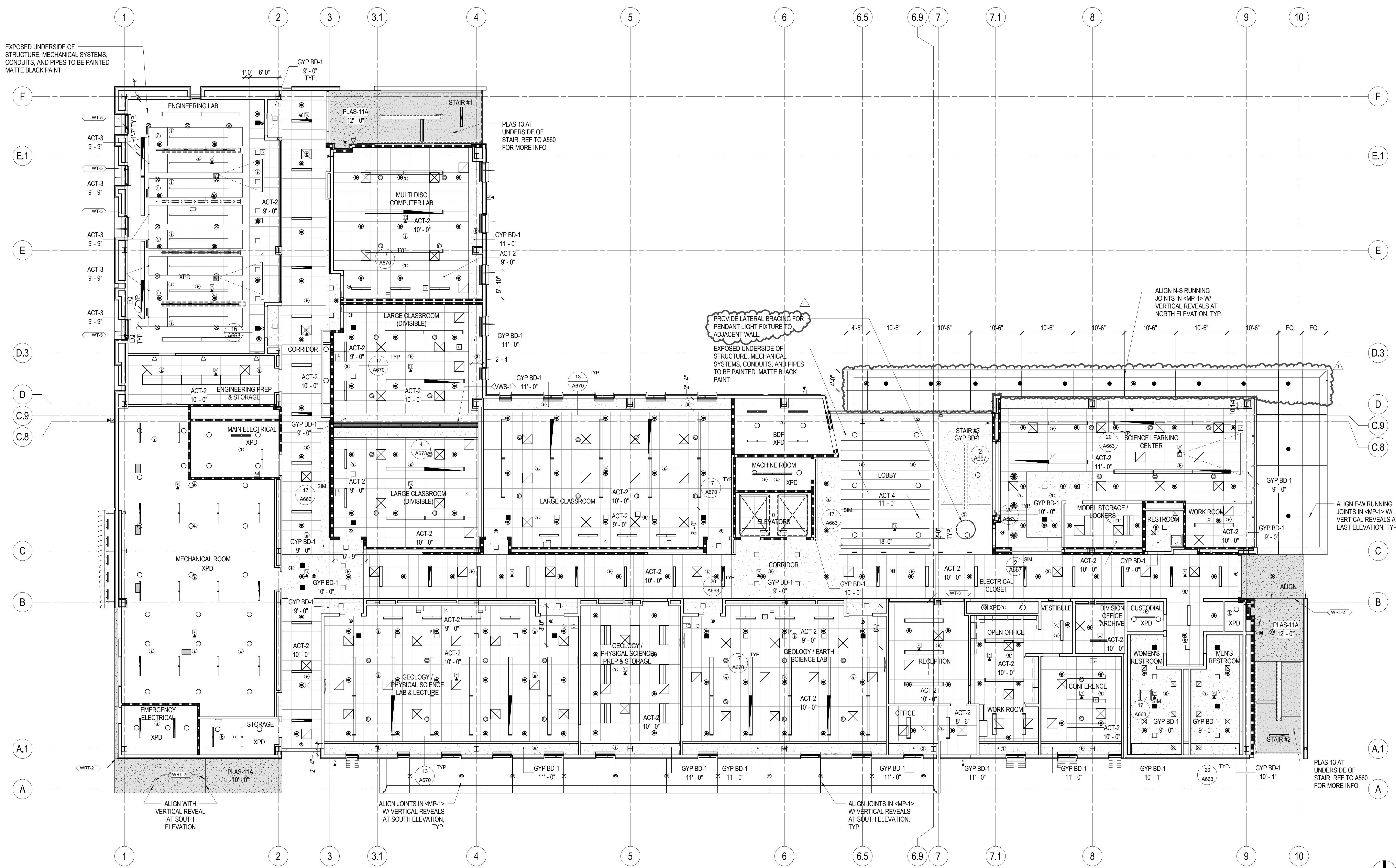
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1	Addendum 1	8/23/17

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HGA NO: 3584-001-00

ENLARGED ROOF PLAN

DATE: JULY 06, 2017

A205



1 REFLECTED CEILING PLAN - LEVEL 01
 1/8" = 1'-0"

REFLECTED CEILING PLAN LEGEND

- PLASTER SOFFIT PER 21/A663 (PLAS-11A, PLAS-11B) OR (PLAS-13)
- WRT-2
- FRAMED GYPSUM BOARD CEILING (GYP BD-1) PER 8/A663
- SUSPENDED 2x4' ACOUSTICAL PANEL CEILING (ACT-2) PER 1/A670
- SUSPENDED 4x4' ACOUSTICAL CLOUDS (ACT-3) PER 5/A671
- SUSPENDED METAL BAFFLES (ACT-4) PER 6/A671
- SUSPENDED WOOD CEILING (ACT-5) PER 11/A671
- XPD
- NO CEILING / EXPOSED TO STRUCTURE
- OPEN

- SUSPENDED 6" ACOUSTICAL BAFFLES, VARYING LENGTHS (ASB-1)
- PENDENT LIGHTING FIXTURE, SIZES VARY, SEE ELECTRICAL DWGS FOR MORE INFO.
- 2 x 4' RECESSED LIGHTING FIXTURE
- COVE LIGHT, SIZES VARY
- 6" RECESSED DOWNLIGHT
- CYLINDER DOWNLIGHT
- CEILING-MOUNTED STRIP LIGHT
- COVE LIGHTING FIXTURE
- 4.5' x 4.5' RECESSED DOWNLIGHT
- LONG WALL-MOUNTED LIGHTING FIXTURE, SIZES VARY, SEE ELECTRICAL DWGS FOR MORE INFO.
- LINEAR WALL-MOUNTED LIGHTING FIXTURE
- WALL-MOUNTED LIGHTING FIXTURE

- RECESSED EXTERIOR DOWNLIGHT
- 48" LONG WALL-MOUNTED LIGHTING FIXTURE
- 12'-0" RECESSED LINEAR LIGHTING FIXTURE
- 48" DIAMETER PENDANT LIGHTING FIXTURE
- 6" DIAMETER CYLINDER
- 16" DIAMETER PENDANT LIGHTING FIXTURE
- EXTERIOR WALL WASH LIGHTING FIXTURE
- CAMPUS WALKWAY LIGHTING FIXTURE
- LIGHTING POLE
- TREE UPLIGHTS
- LIGHT STRIP-FLEXIBLE
- CAMPUS PARKING LOT LIGHT FIXTURE-TWIN HEAD

- W1 ○ CEILING-MOUNTED STRIP LIGHT
- UNDER CABINET LIGHTING
- X1 ○ CEILING-MOUNTED EXIT SIGN
- X2 ○ PENDANT EXIT SIGN
- CEILING-MOUNTED HEAT DETECTOR
- CEILING-MOUNTED SMOKE DETECTOR
- ELECTRONIC VISUAL AND SPEAKER DEVICE
- FIRE ALARM HORN
- UPRIGHT SPRINKLER HEAD
- PENDENT SPRINKLER HEAD
- SIDEWALL SPRINKLER HEAD
- CEILING REGISTER/GRILLE FACE
- ACCESS PANEL

- WALL-MOUNTED ULTRA-SHORT THROW PROJECTOR, FOR ANCHORAGE, REF TO 11/AV701
- CEILING RECESSED / PENDANT LOUDSPEAKER
- CEILING-MOUNTED VIDEO PROJECTOR, REF TO DETAIL 11/AV702, FOR ANCHORAGE DETAIL, REF TO 10/S7.20
- CEILING-MOUNTED PROJECTOR SCREEN, REF TO DETAIL 11/AV702, FOR ANCHORAGE, REF TO DETAIL 10/S7.20
- PIPE DROP, REFER TO LAB DWGS FOR MORE INFO
- EYE WASH AND SAFETY SHOWER, REFER TO LAB DWGS FOR MORE INFO
- SNORKEL, REFER TO LAB DWGS FOR MORE INFO, FOR ANCHORAGE, REF 8/S7.20
- EXAM LIGHT, REFER TO LAB DWGS FOR MORE INFO, FOR ANCHORAGE, REF 8/S7.20
- FUME HOOD, REFER TO LAB DWGS FOR MORE INFO

- GENERAL NOTES - CEILING PLAN**
- A. SEE MECHANICAL AND ELECTRICAL DWGS FOR DEVICE AND FIXTURE TYPES, SIZES, QUANTITY, INSTALLATION & SPECIFICATIONS. DEVICES SHOWN ON THE ARCH PLANS & NOT ON ENGINEERING PLANS SHOULD BE BROUGHT TO ARCHITECT'S ATTENTION FOR CLARIFICATIONS.
 - B. ACT TILES SHALL BE CENTERED WITHIN ROOM(S) U.N.O. FULL CEILING TILE TO BE ALIGNED TO OTHER CEILING TYPES WITHIN THE ROOMS AS INDICATED ON PLANS.
 - C. CENTER RECESSED LIGHTS, ELECTRICAL, MECHANICAL DEVICES AND SPRINKLER HEADS WHEN SHOWN IN CEILING TILES. WHERE RECESSED LIGHTS ARE SHOWN OFF-CENTER IN 2X4 SCORED CEILING TILE, CENTER THE FIXTURE WITHIN THE 2X2 PORTION OF THE TILE.
 - D. PROVIDE ACCESS PANEL(S) AS REQUIRED. REVIEW LOCATION OF ACCESS PANEL(S) NOT SHOWN ON THE DRAWINGS WITH ARCHITECT PRIOR TO INSTALLATION.
 - E. CEILING FINISHES ADJACENT TO OR WITHIN THE LIMITS OF CONSTRUCTION DISTURBED OR DAMAGED BY CONSTRUCTION SHALL BE PATCHED TO MATCH EXISTING ADJACENT CEILING FINISH.
 - F. ALL <GYP BD-1> CEILING TO BE PAINTED <PT-1C>. CEILING IN RESTROOMS TO BE PAINTED <PT-1B>.
 - G. ALL EXTERIOR WINDOWS TO HAVE SINGLE SHADE <WT-3> U.N.O. REFER TO SHEET #441 FOR MANUAL AND AUTOMATIC SHADES DTLS.
 - H. ACT TILE TO FRAME AROUND FUME HOODS WHERE OCCURS.
 - I. SHIFT FIXTURES/CEILING-MOUNTED EQUIPMENT IN THE CEILING OUT OF THE WAY WHERE IT INTERFERES WITH JOINTS IN THE CANOPY AND GYP CEILING. BRING TO THE ARCHITECT'S ATTENTION FOR CLARIFICATIONS.
 - J. BULKHEAD LOCATED AT THE FRONT OF EACH CLASSROOM AND LAB TO RECEIVE <PT-3C> FINISH.
 - K. ALL FIXTURES, TERMINALS, AND OTHER DEVICES SHALL BE MOUNTED IN A MANNER THAT WILL NOT COMPROMISE CEILING PERFORMANCE IN ACCORDANCE WITH SECTION 13.5.6.2.2 ITEM 5 OF ASCE 7 AS AMENDED BY CBC SECTION 1616A.1.20 (1616.10.16) AND ASTM E580 SECTIONS 5.3 AND 5.4.
 - L. CEILING PANELS SHALL NOT SUPPORT ANY LIGHT FIXTURES, AIR TERMINALS OR DEVICES.
 - M. PENETRATIONS THROUGH THE CEILING FOR SPRINKLER HEADS AND OTHER SIMILAR DEVICES THAT ARE NOT INTEGRALLY TIED TO THE CEILING SYSTEM IN THE LATERAL DIRECTION SHALL HAVE A TWO (2) INCH OVERSIZED RING, SLEEVE OR ADAPTER THROUGH THE CEILING TILE TO ALLOW FREE MOVEMENT OF ONE (1) INCH IN ALL HORIZONTAL DIRECTIONS. ALTERNATIVELY, PER ASTM E580, SECTION 5.2.8.5, A FLEXIBLE SPRINKLER HOSE FITTING THAT CAN ACCOMMODATE ONE (1) INCH OF CEILING MOVEMENT SHALL BE PERMITTED TO BE USED IN LIEU OF THE OVERSIZED RING, SLEEVE, OR ADAPTER.
 - N. SLACK SAFETY WIRES SHALL BE CONSIDERED HANGER WIRES FOR INSTALLATION AND TESTING REQUIREMENTS.
 - O. REF TO DETAIL 5/A673 FOR PENDANT LIGHT FIXTURE MOUNTING AND ANCHORAGE DETAILS.

NO.	DESCRIPTION	DATE
1	Addendum 1	8/23/17

ISOLATION HISTORY - THIS SHEET	
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DK	Approved

HGA NO: 3584-001-00

FIRST LEVEL REFLECTED CEILING PLAN

DATE: JULY 06, 2017

A301

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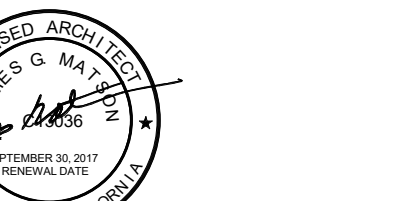
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NAME: JAMES C. MATSON
 DATE: MAY 18, 2017
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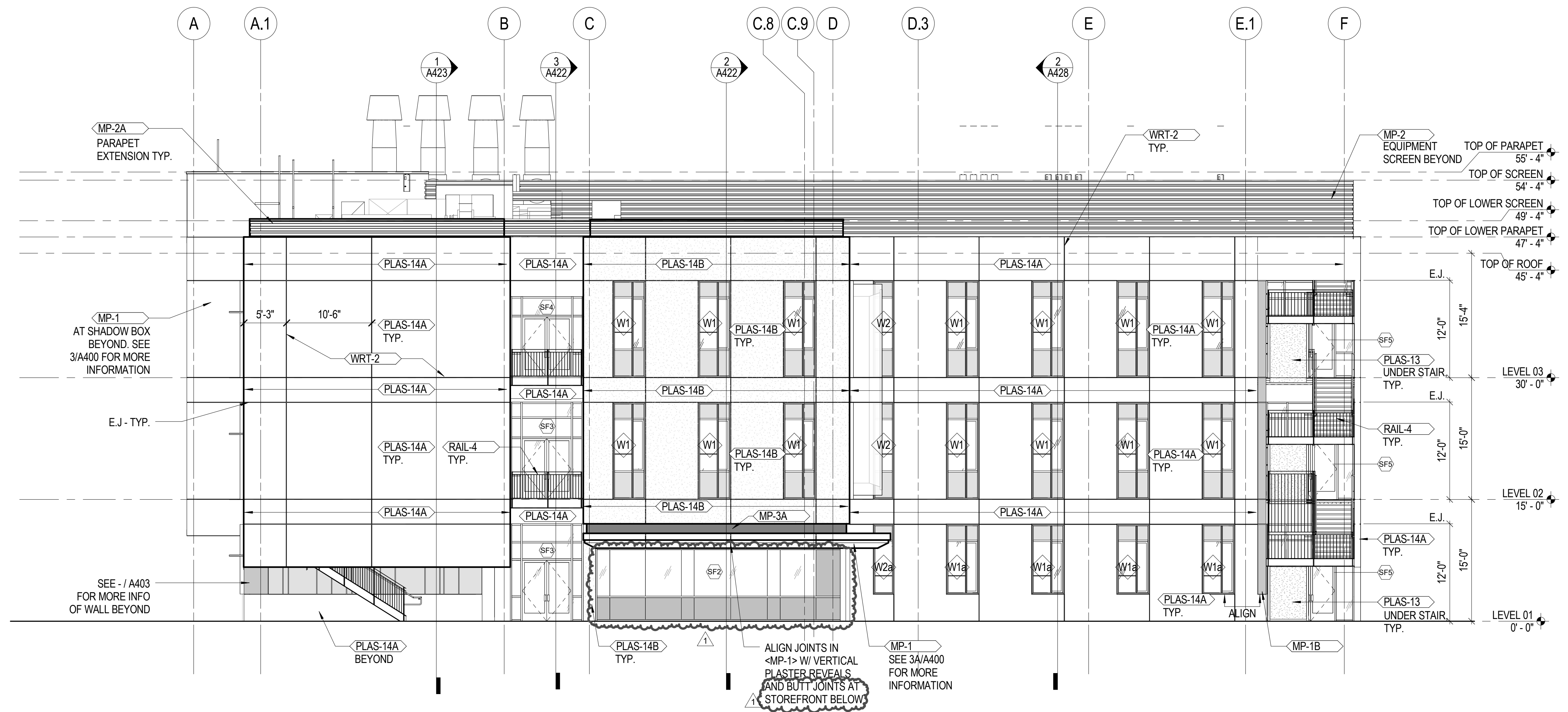
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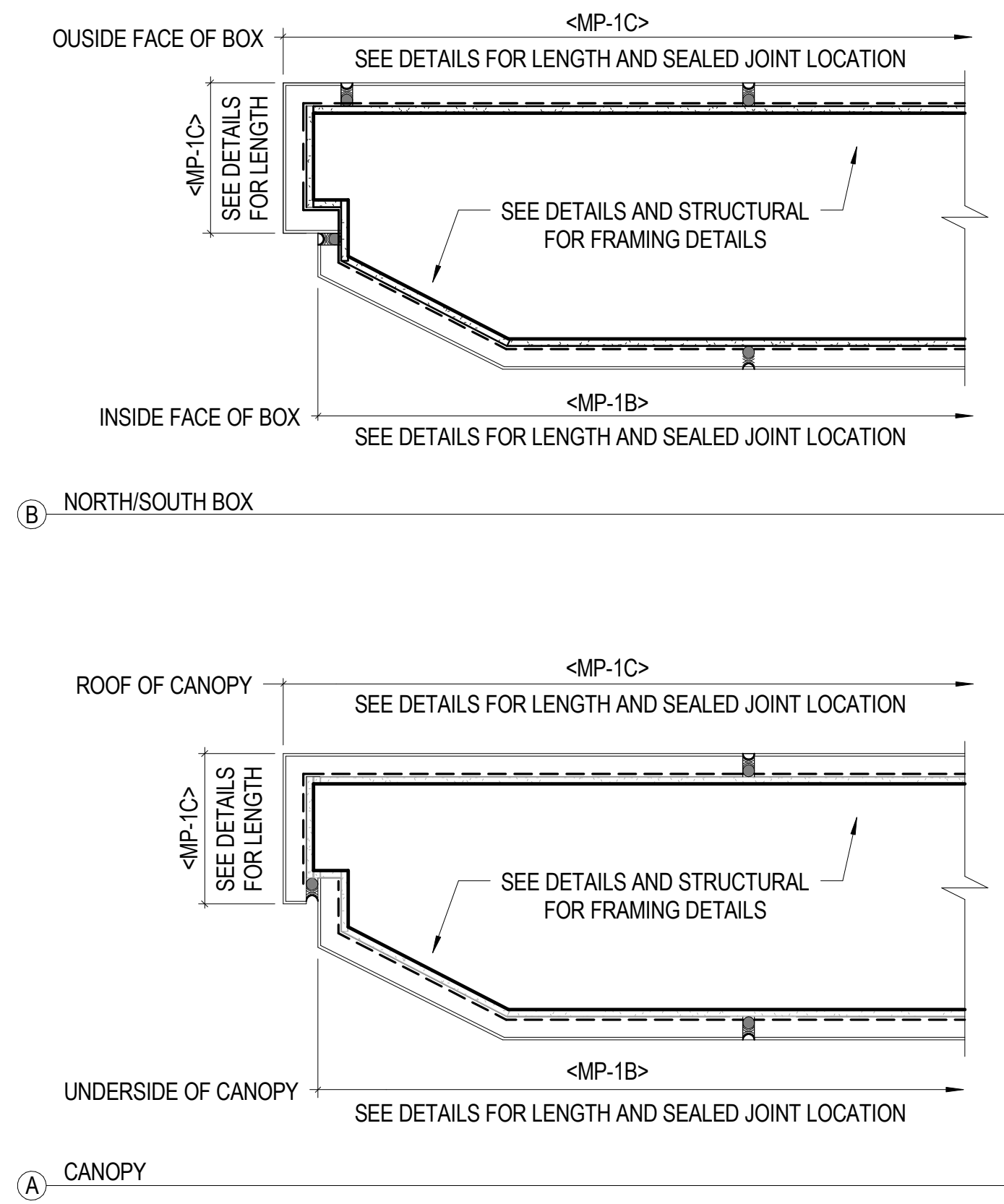
EXTERIOR ELEVATIONS (NORTH & EAST)

DATE: JULY 06, 2017

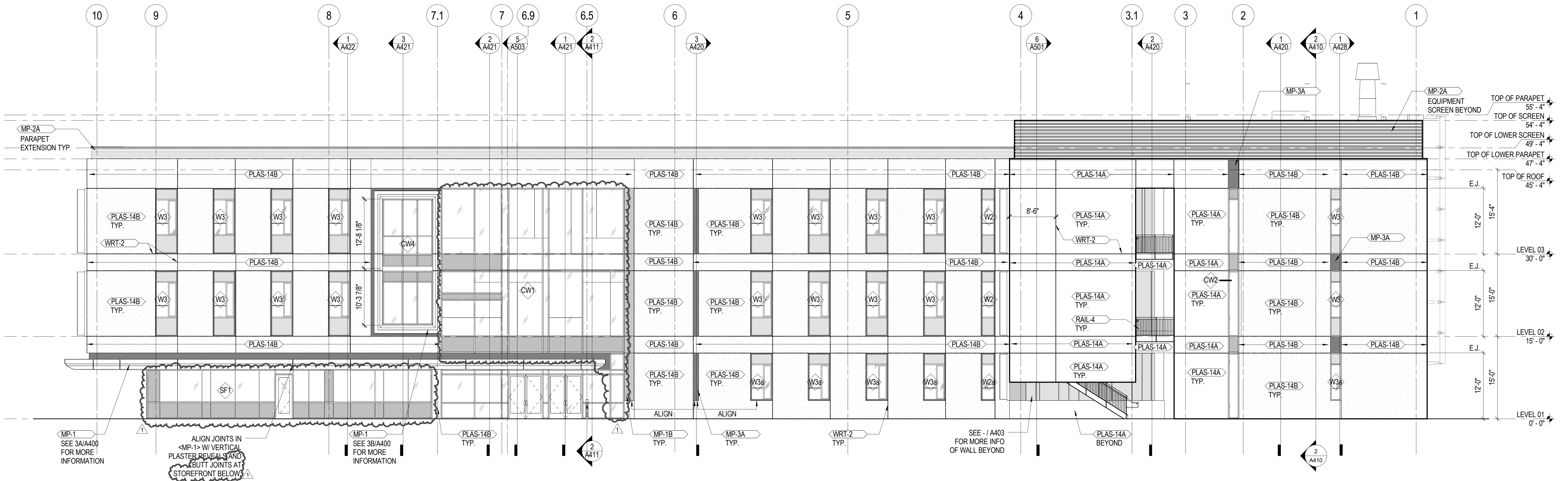
A400



2 EAST ELEVATION
 1/8" = 1'-0"

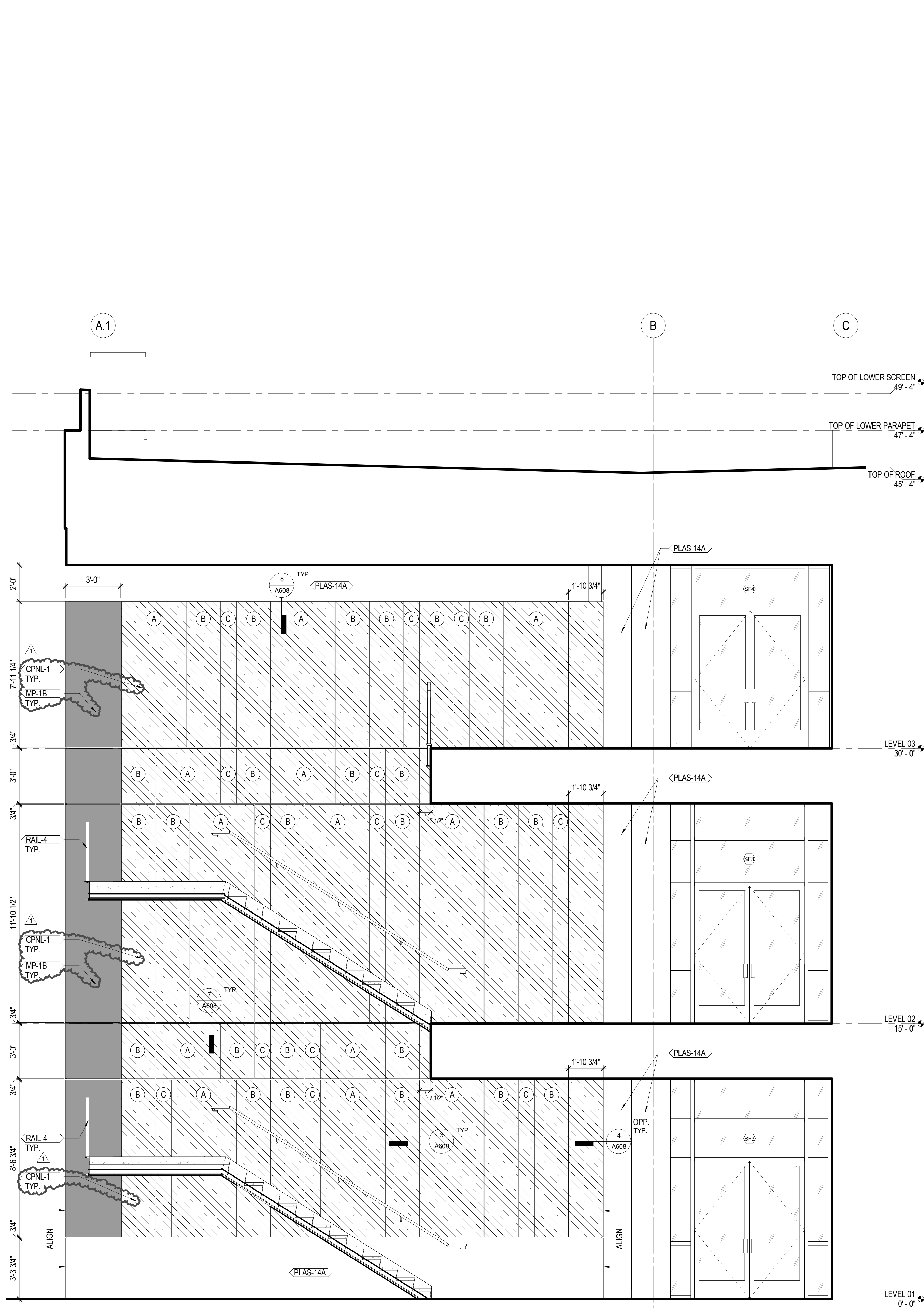


3 MP-1 MATERIALITY FOR CANOPY AND BOX
 NTS

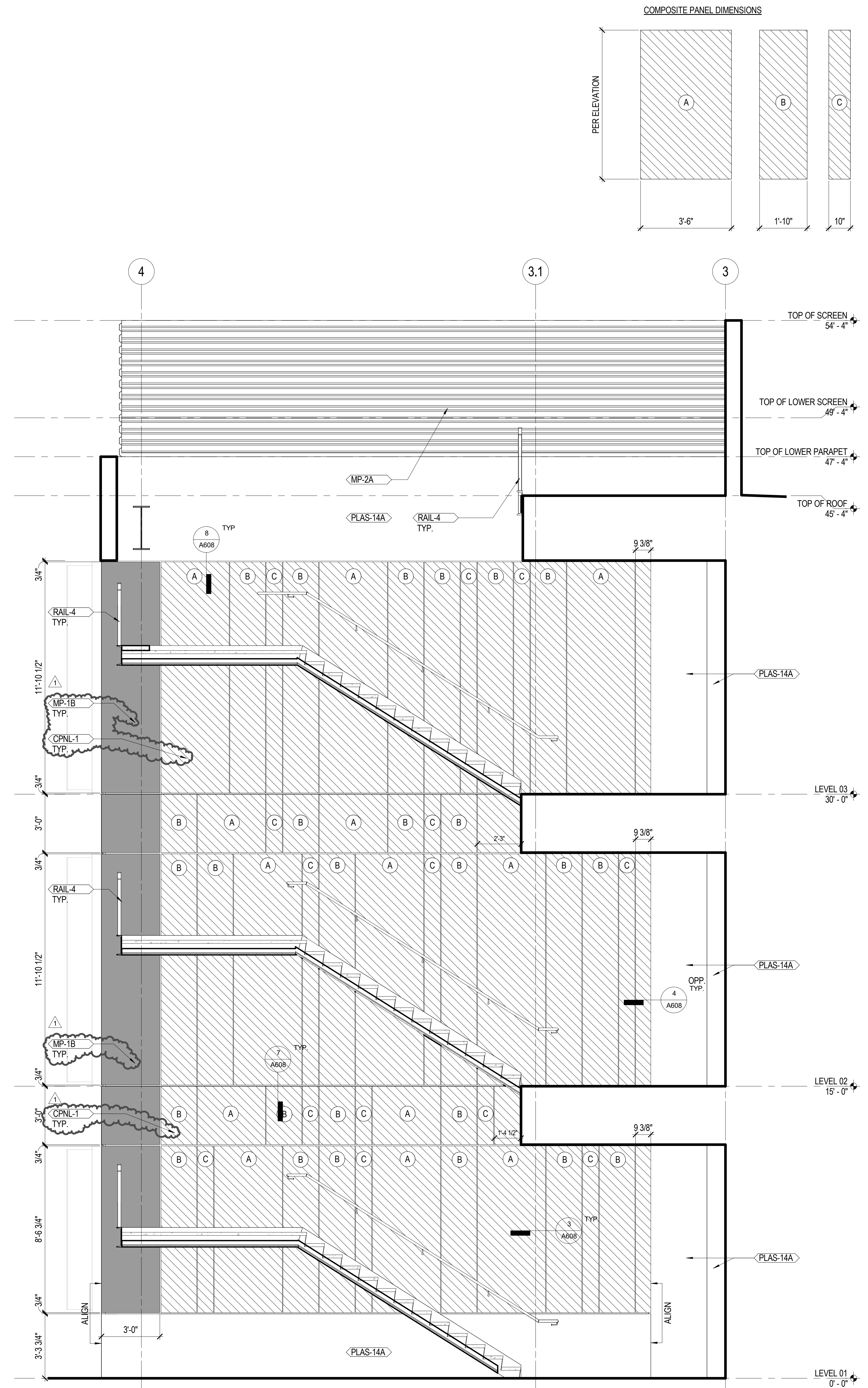


1 NORTH ELEVATION
 1/8" = 1'-0"

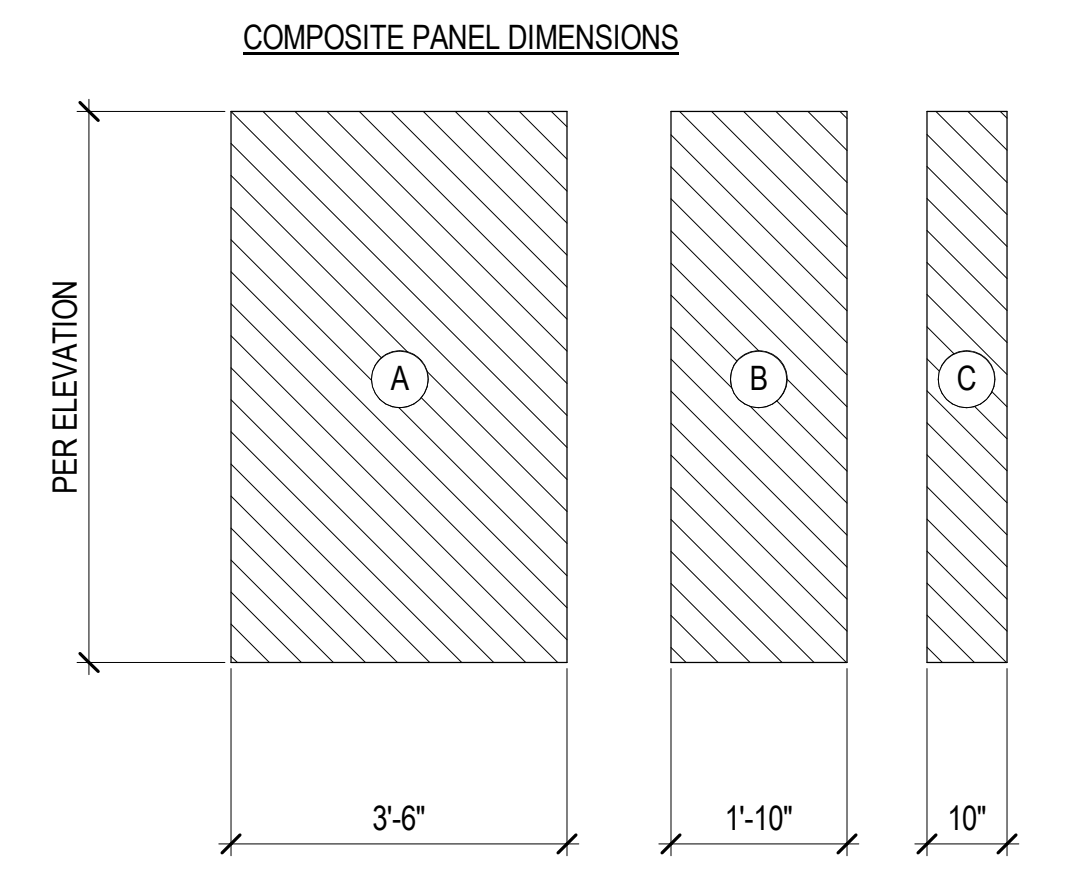
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2 PARTIAL ELEVATION STAIR #2 - WEST
3/8" = 1'-0"



1 PARTIAL ELEVATION STAIR #1 - SOUTH
3/8" = 1'-0"



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ENLARGED ELEVATION AT EXTERIOR COMPOSITE PANEL SYSTEM

DATE: JULY 06, 2017

A403

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ADDENDA PACKAGE

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**SANTA ANA
COLLEGE**

CORRIDOR
SC207



NAME: JAMES G. MATSON
DATE: MAY 18, 2017
REGISTRATION NUMBER: C03308

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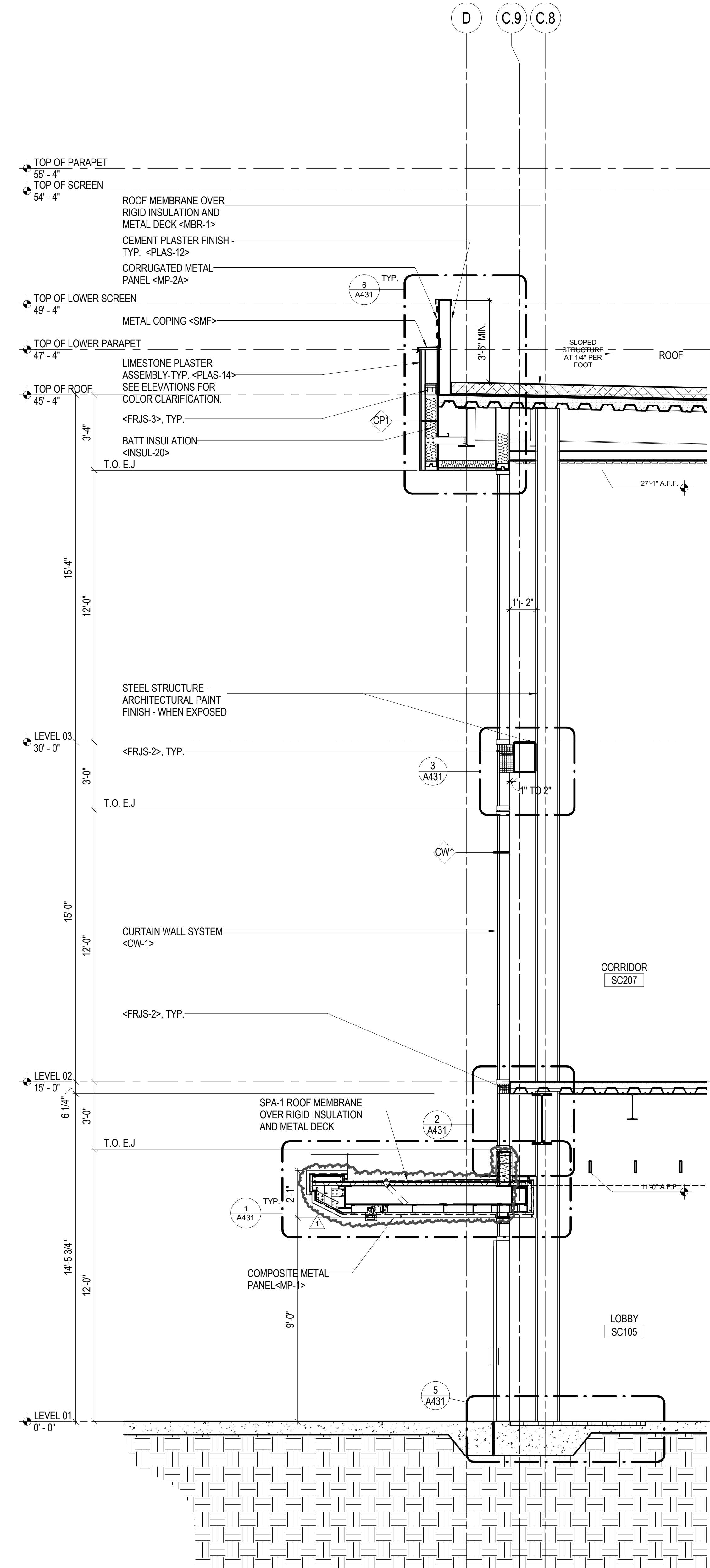
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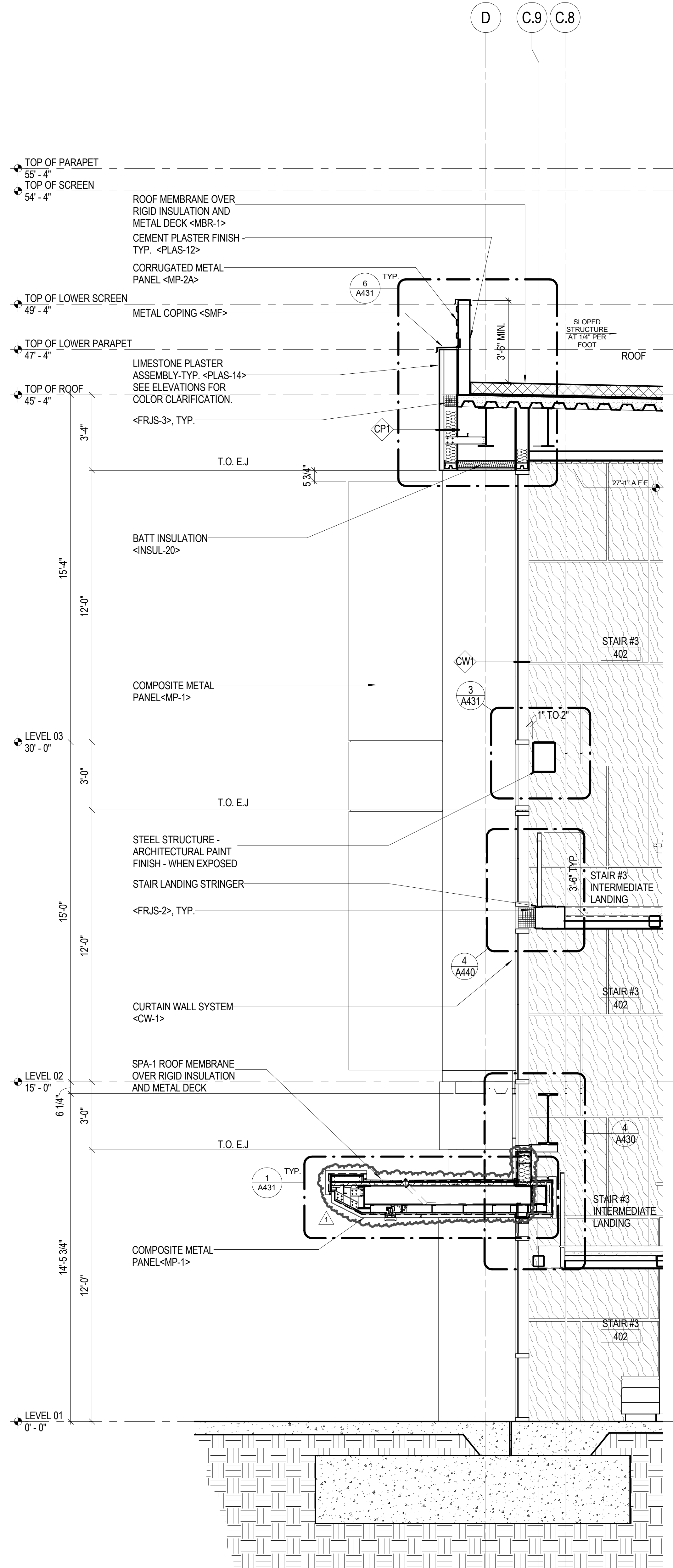
WALL SECTIONS

DATE: JULY 06, 2017

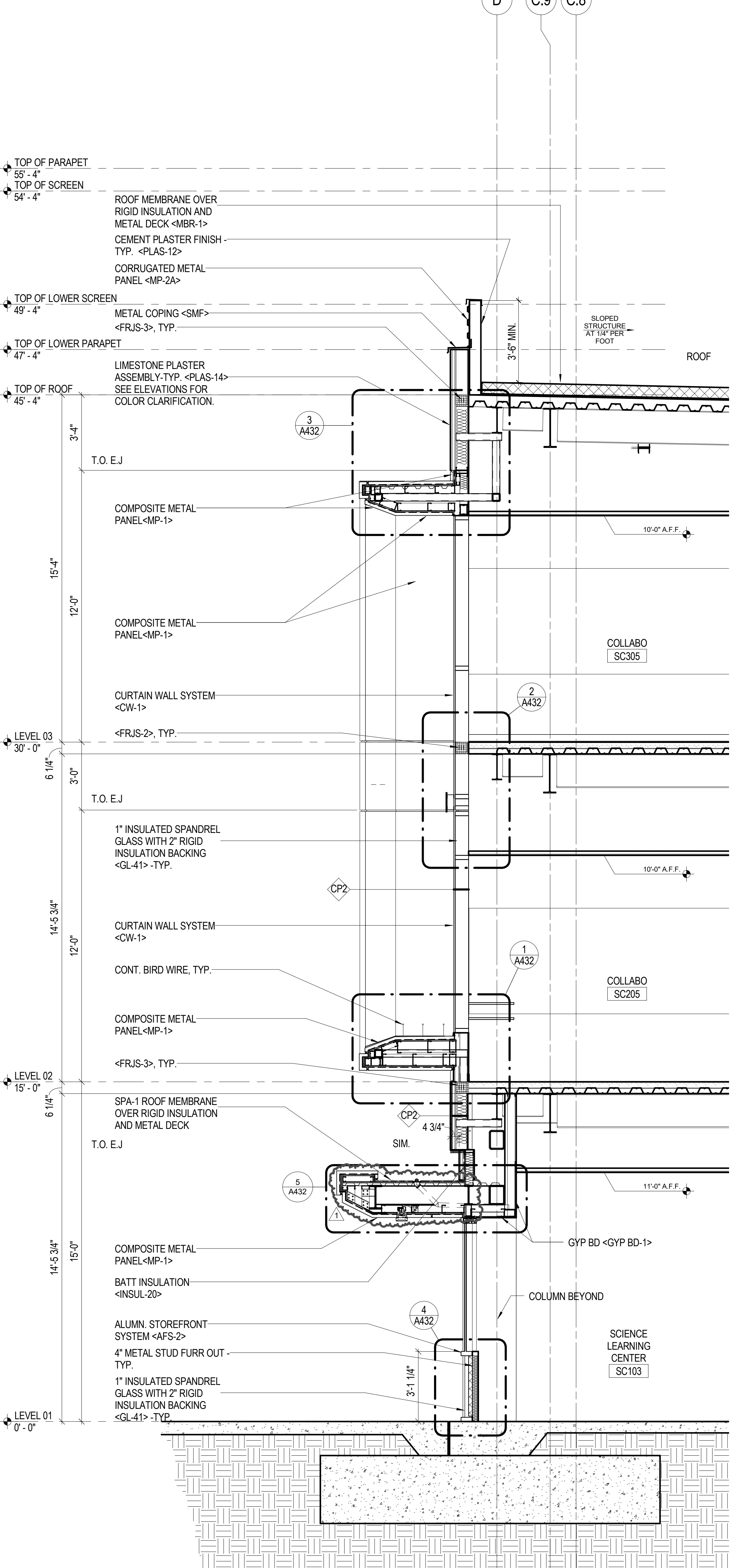
A421



1 WALL SECTION
3/8" = 1'-0"



2 WALL SECTION
3/8" = 1'-0"



3 WALL SECTION
3/8" = 1'-0"

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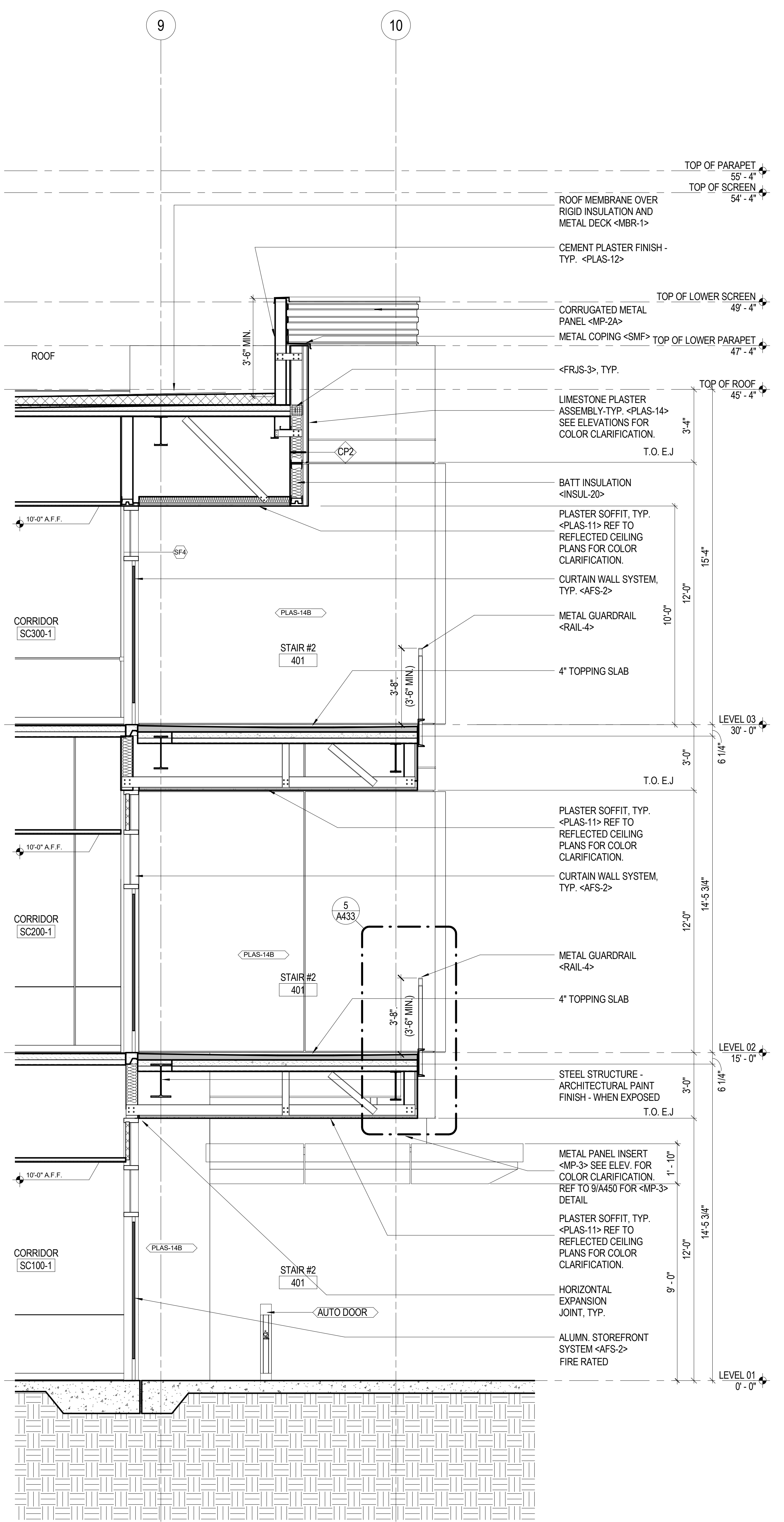
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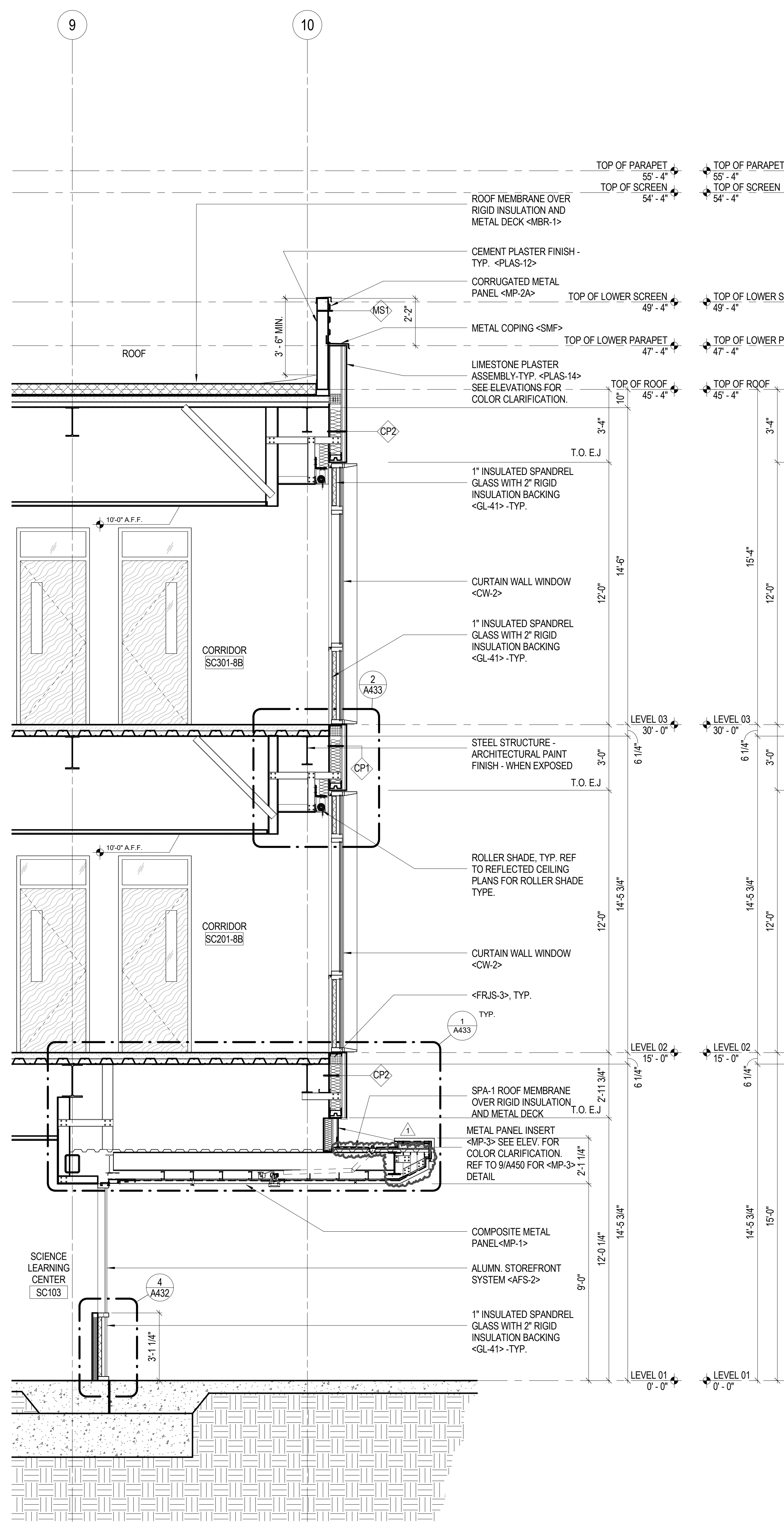
WALL SECTIONS

DATE: JULY 06, 2017

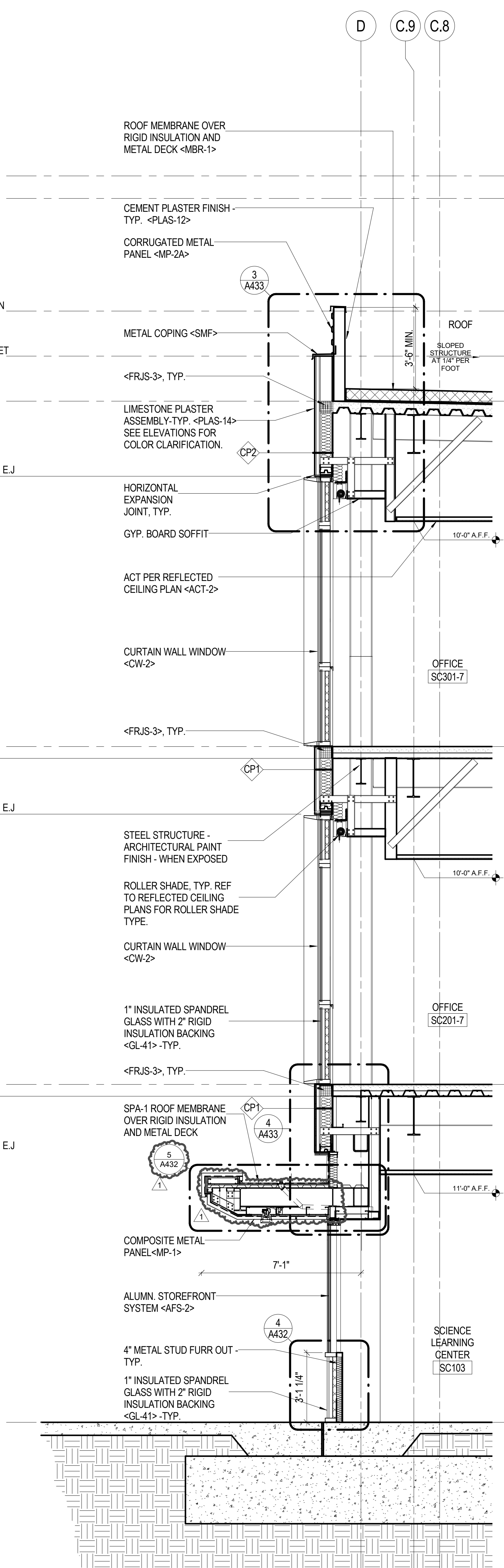
A422



3 WALL SECTION
 3/8" = 1'-0"



2 WALL SECTION
 3/8" = 1'-0"



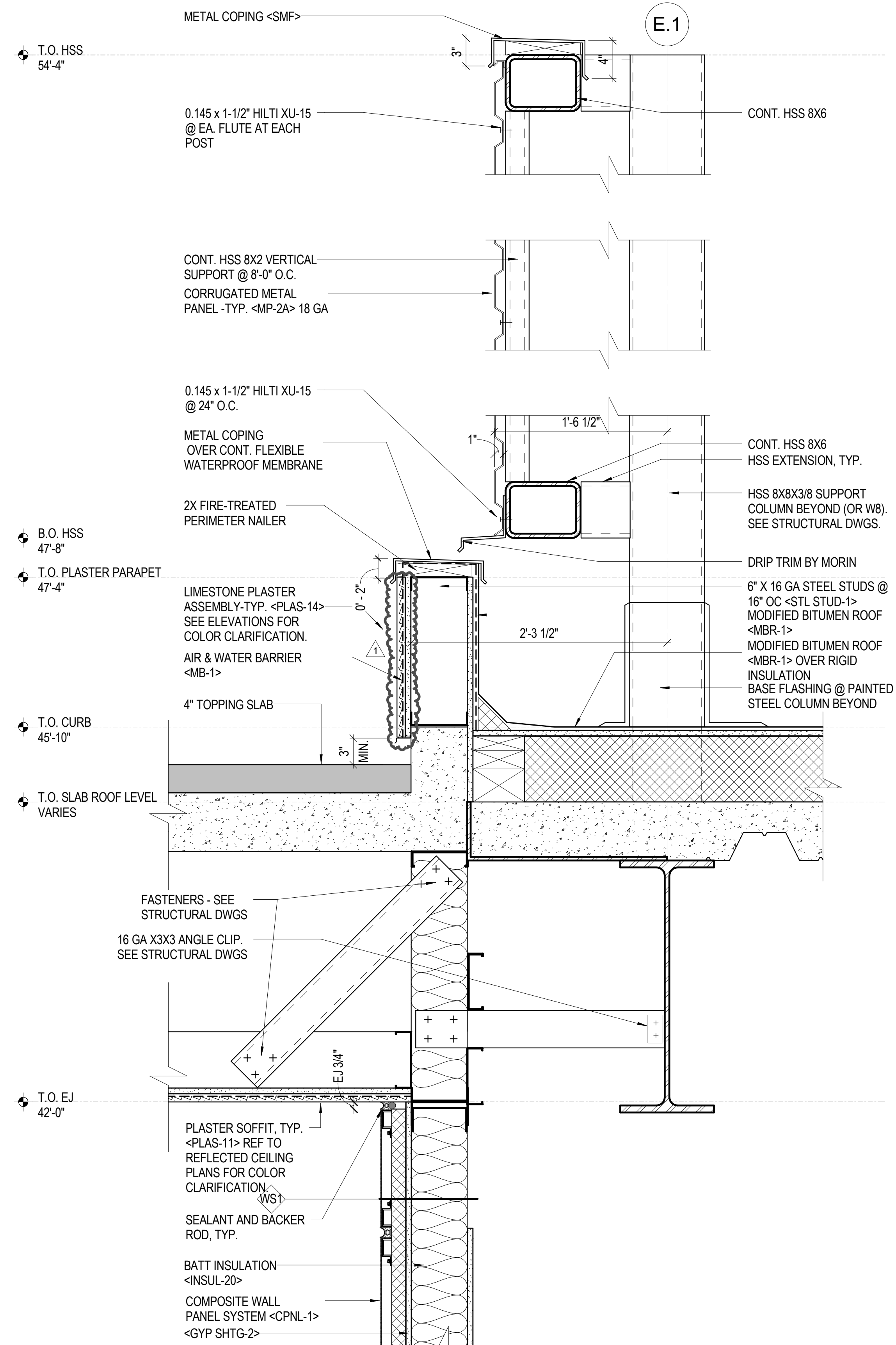
1 WALL SECTION
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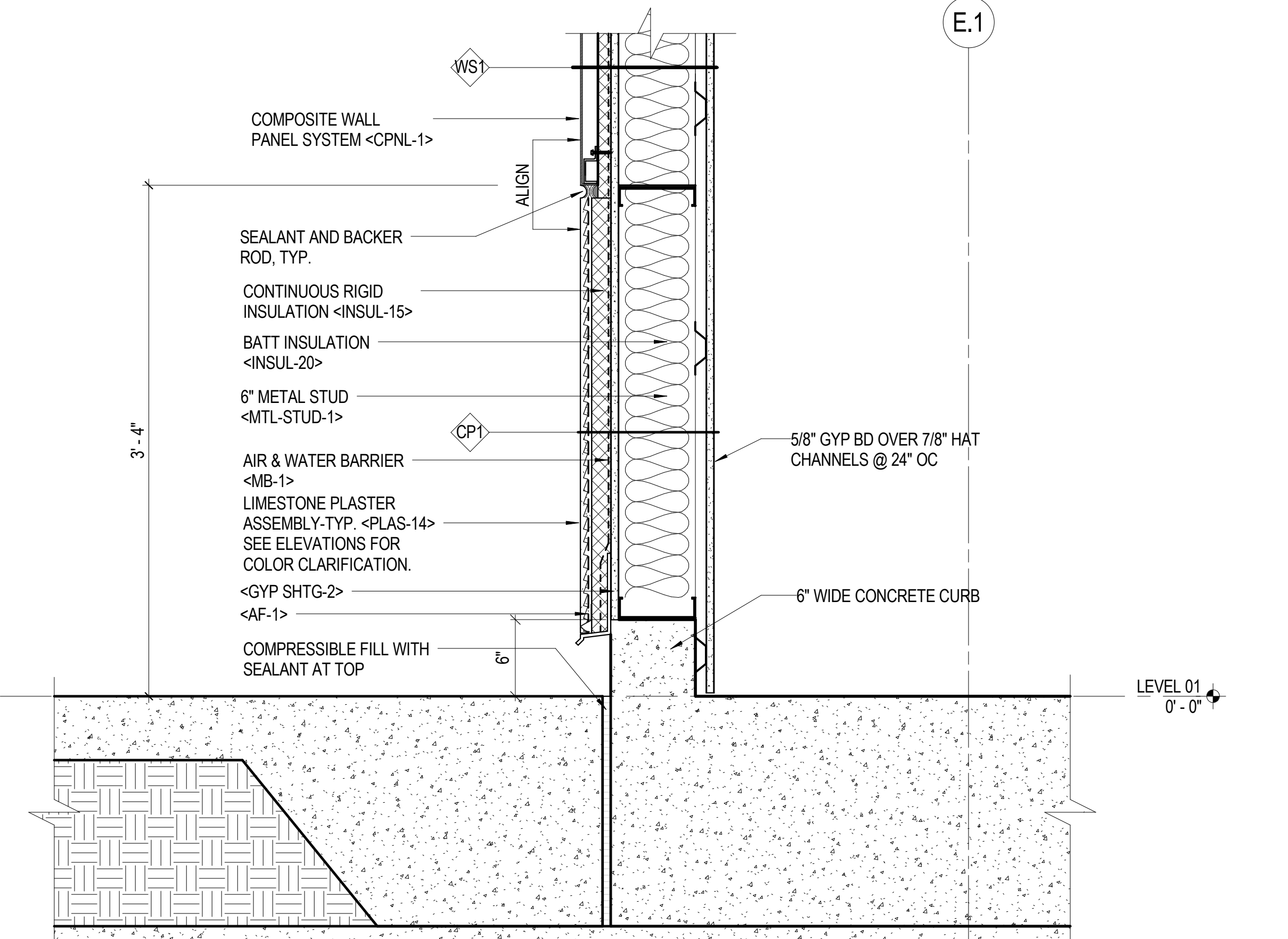


NO	DESCRIPTION	DATE
1	Addendum 1	8/23/17

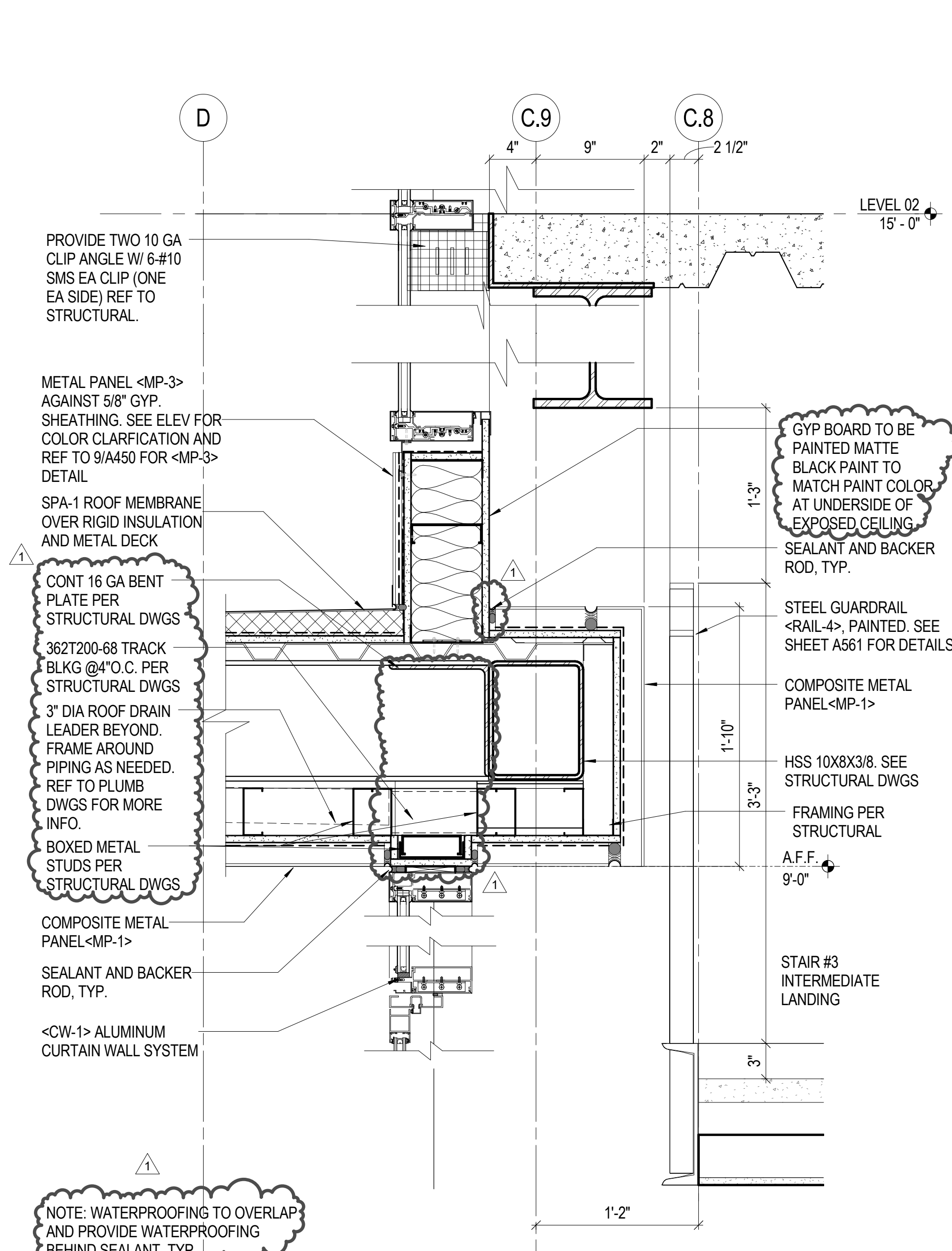
ISOLATION HISTORY - THIS SHEET
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 HGA NO: 3584-001-00



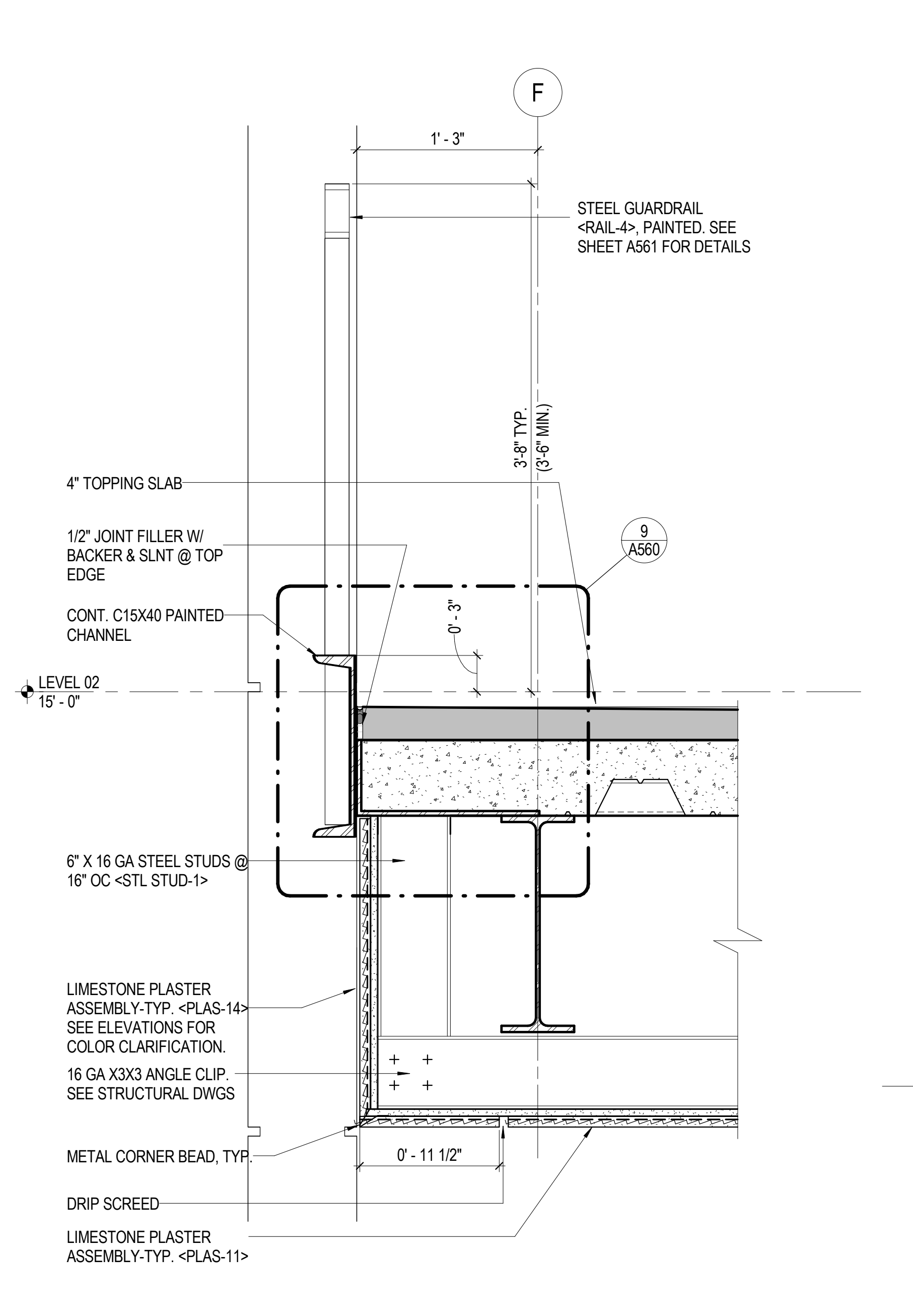
2 PARAPET AT STAIRS
 1 1/2" = 1'-0"



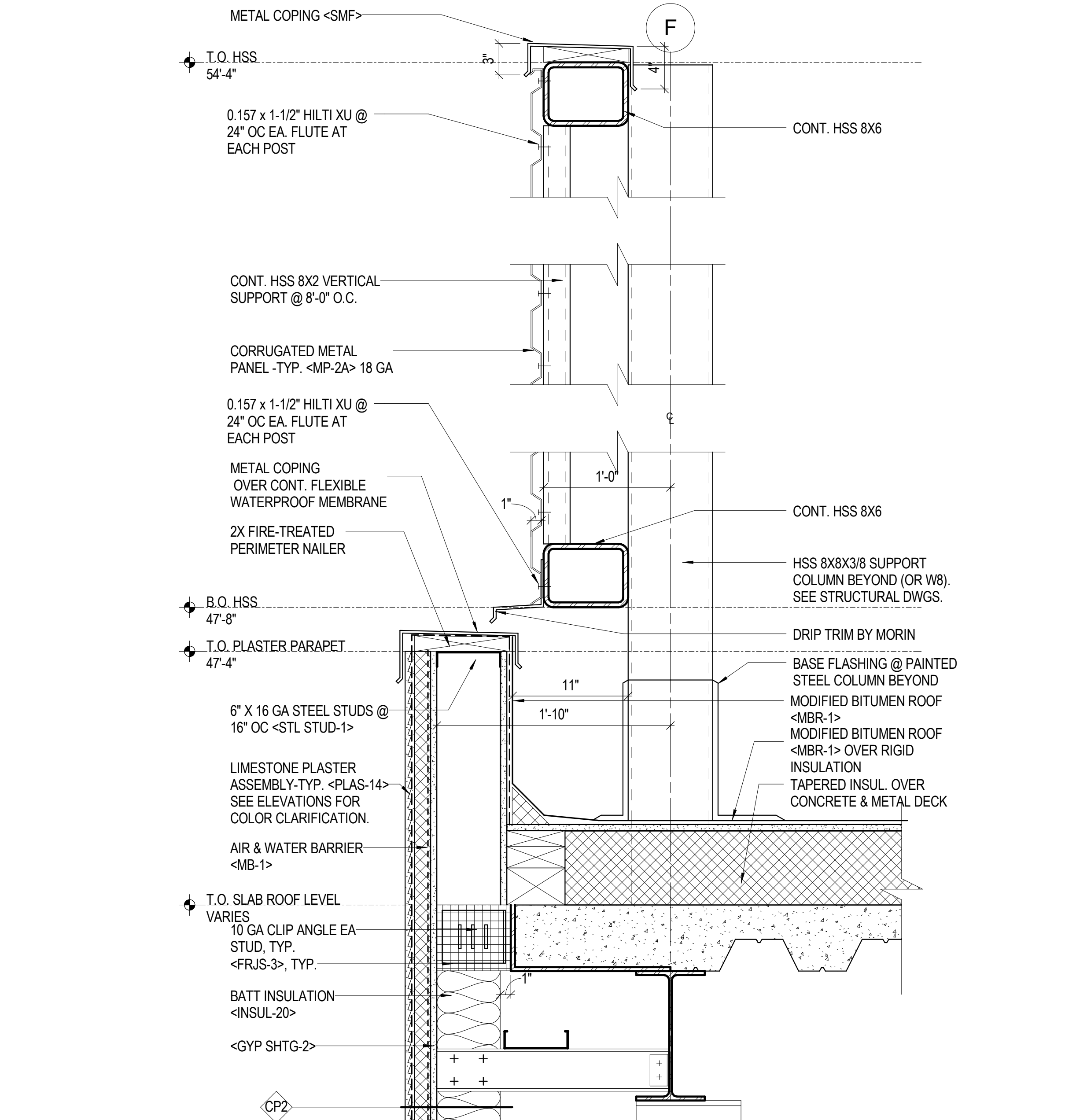
1 EXTERIOR DETAIL - PLASTER AT GRADE
 1 1/2" = 1'-0"



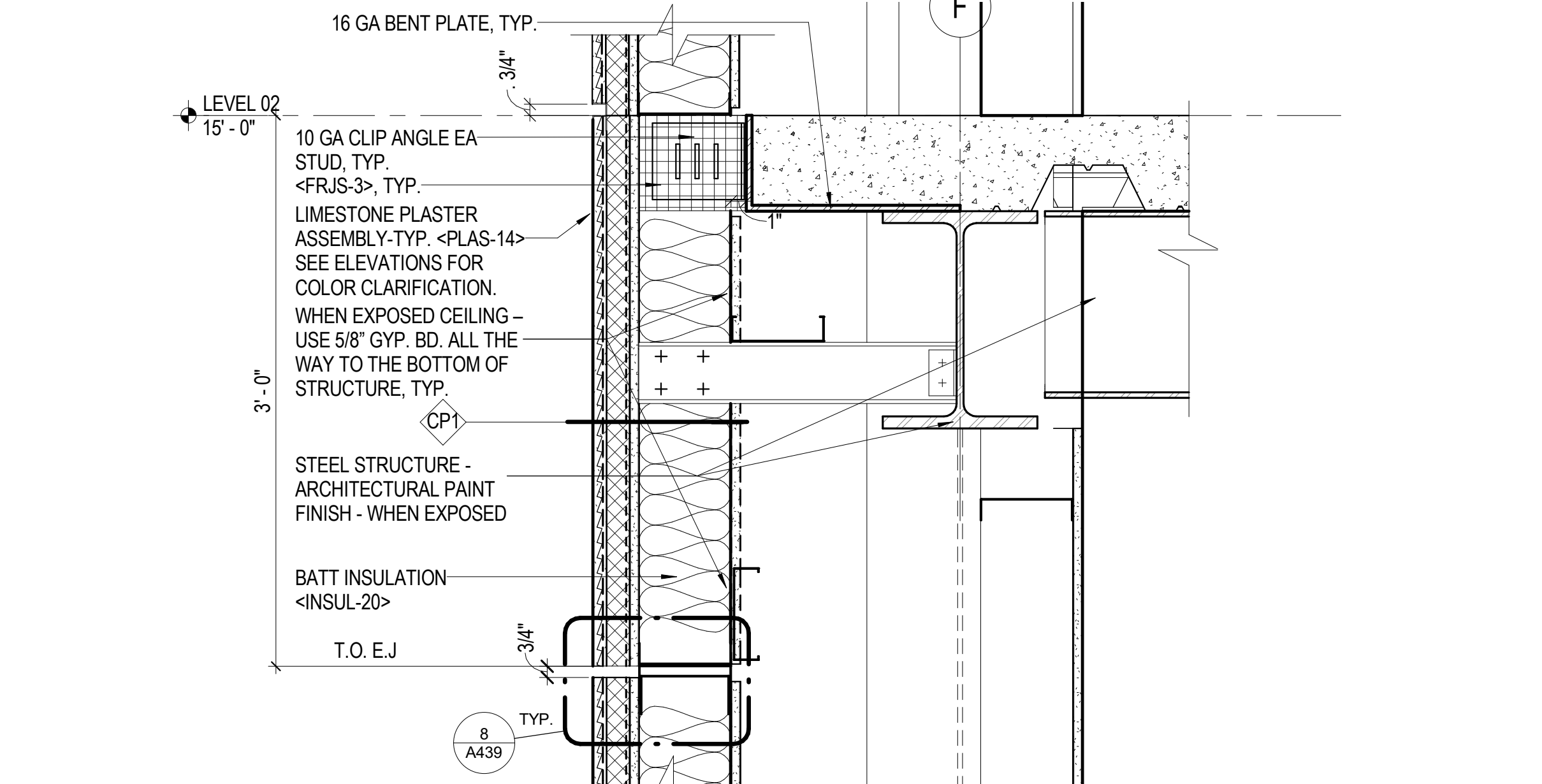
4 EXTERIOR DETAIL AT STAIR LANDING
 1 1/2" = 1'-0"



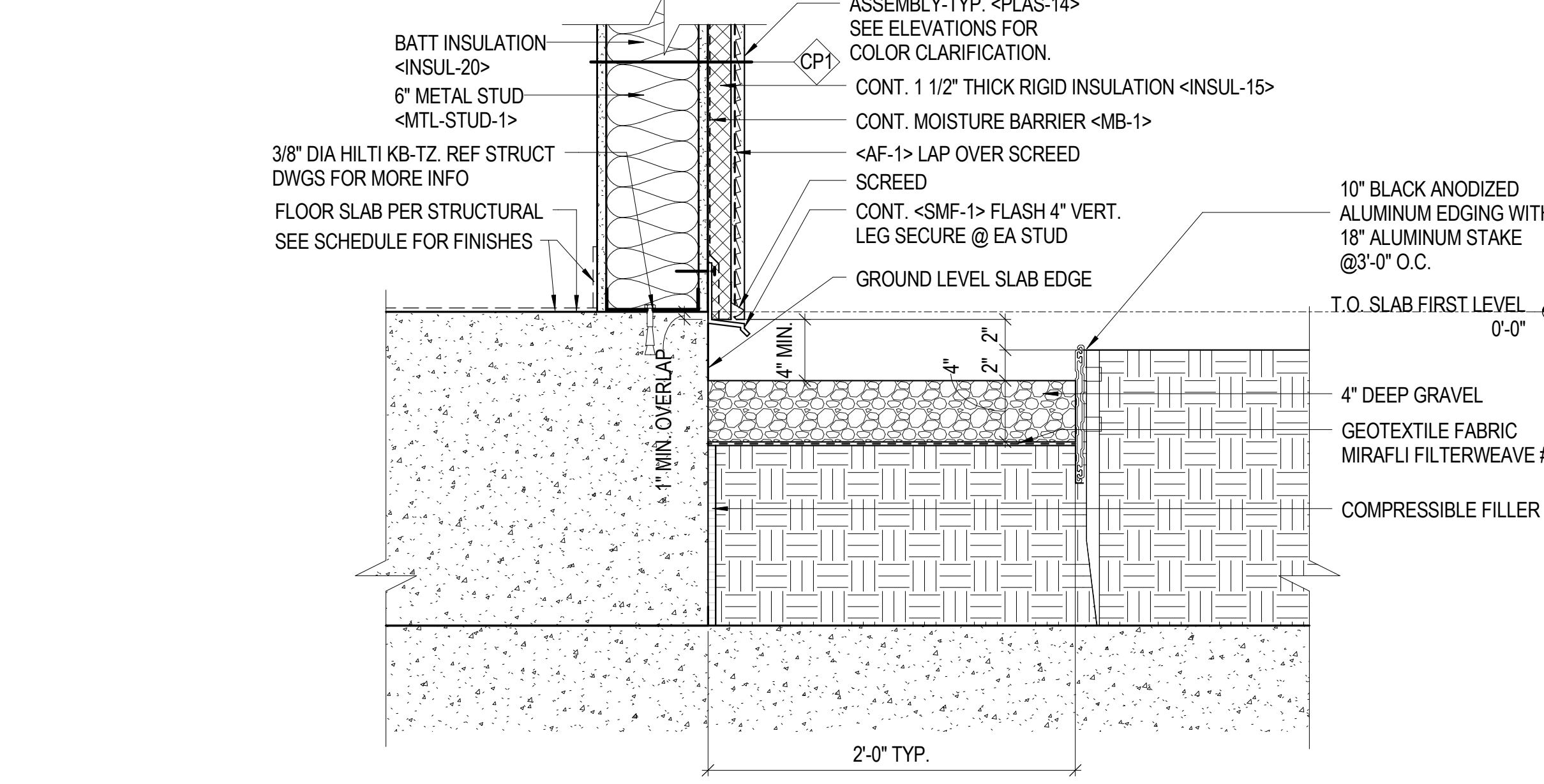
3 EXTERIOR DETAIL AT GUARDRAIL
 1 1/2" = 1'-0"



7 PARAPET AT CEMENT PLASTER & CORRUGATED METAL SCREEN
 1 1/2" = 1'-0"



6 EXTERIOR DETAIL AT EDGE OF SLAB
 1 1/2" = 1'-0"



5 EXTERIOR DETAIL AT GRAVEL BED
 1 1/2" = 1'-0"

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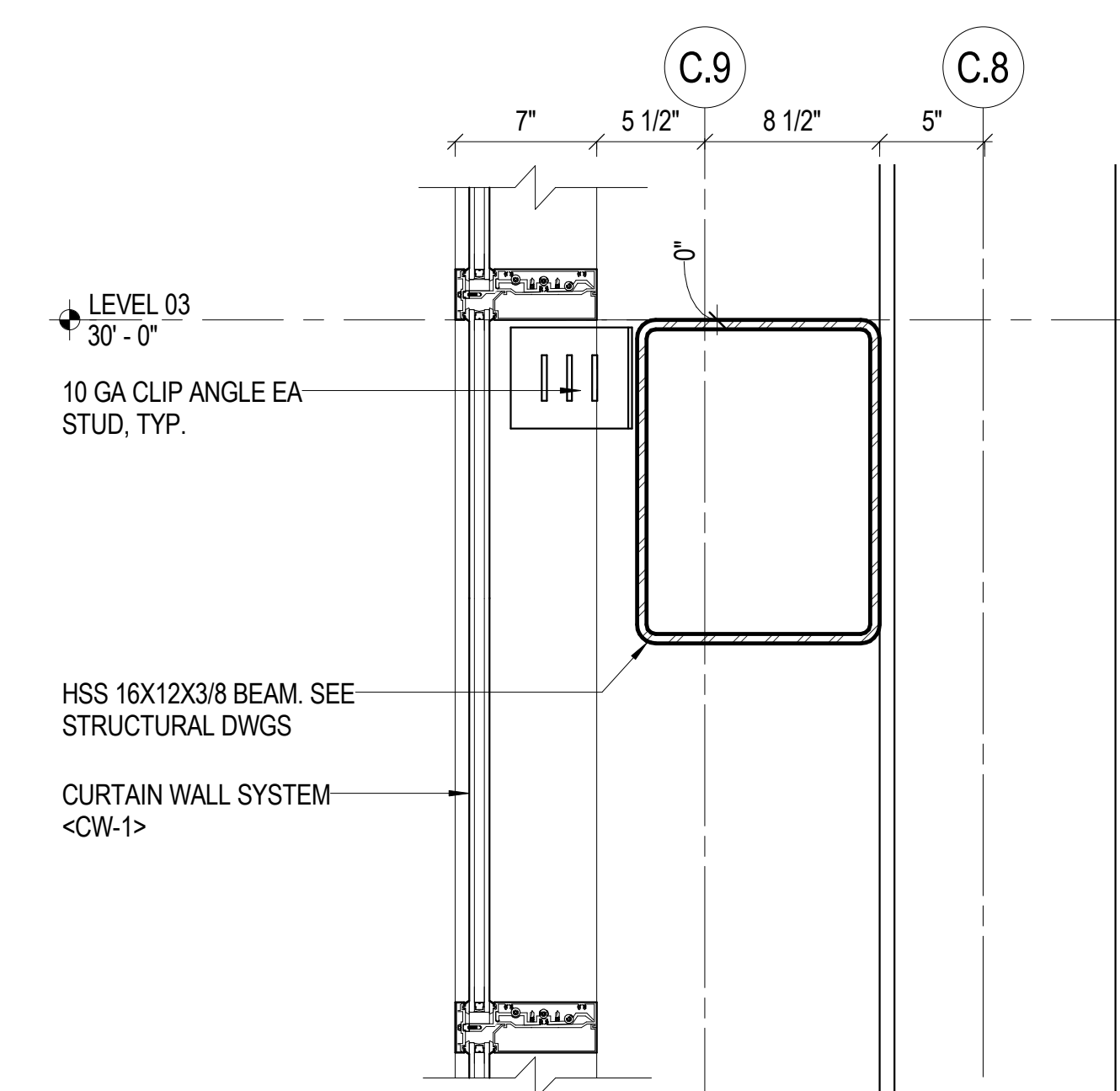


NO.	DESCRIPTION	DATE
1	Addendum 1	8/23/17

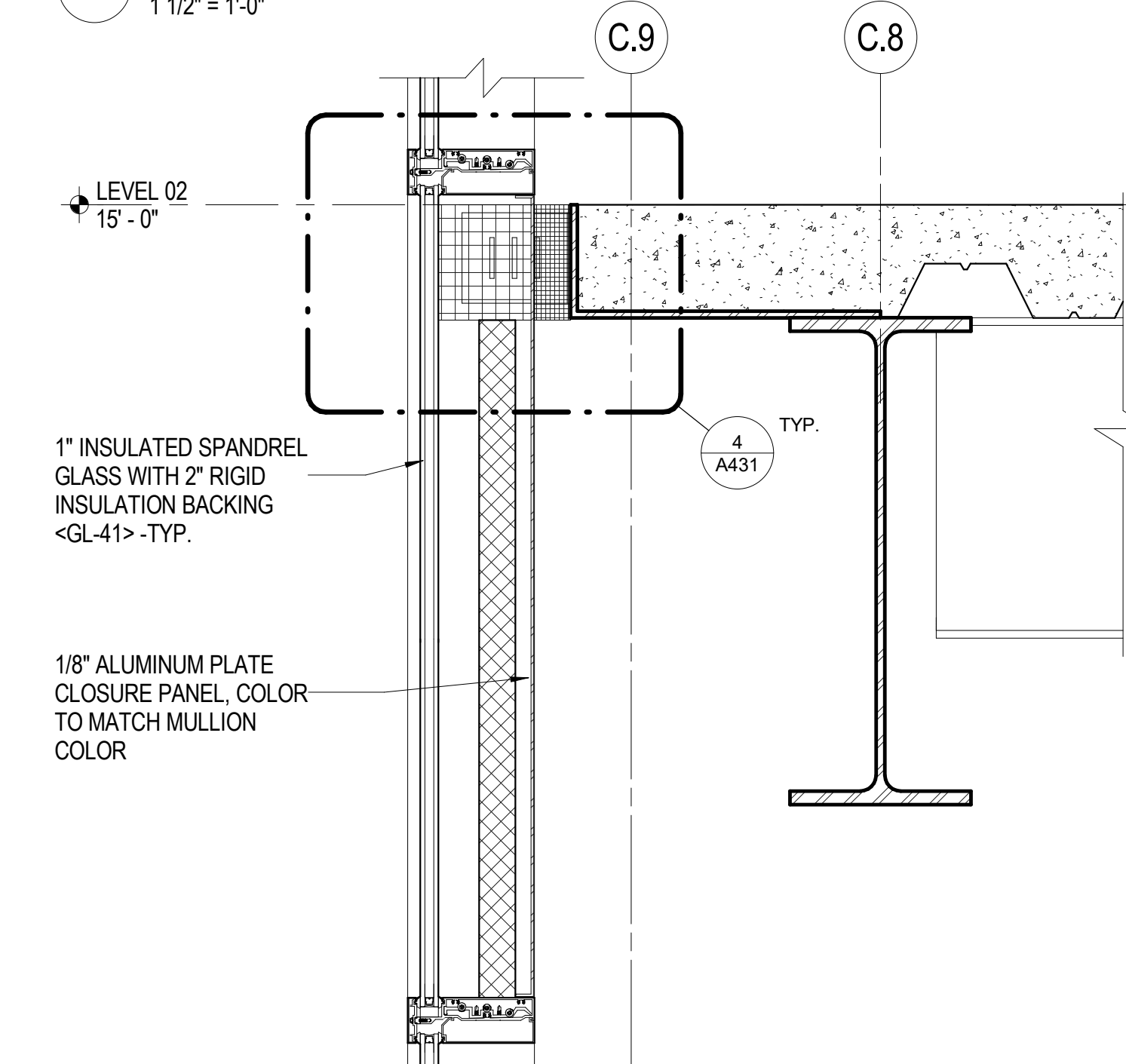
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DRAWN BY: RE REVIEW BY: TE
HGA NO: 3584-001-00

EXTERIOR SECTION DETAILS

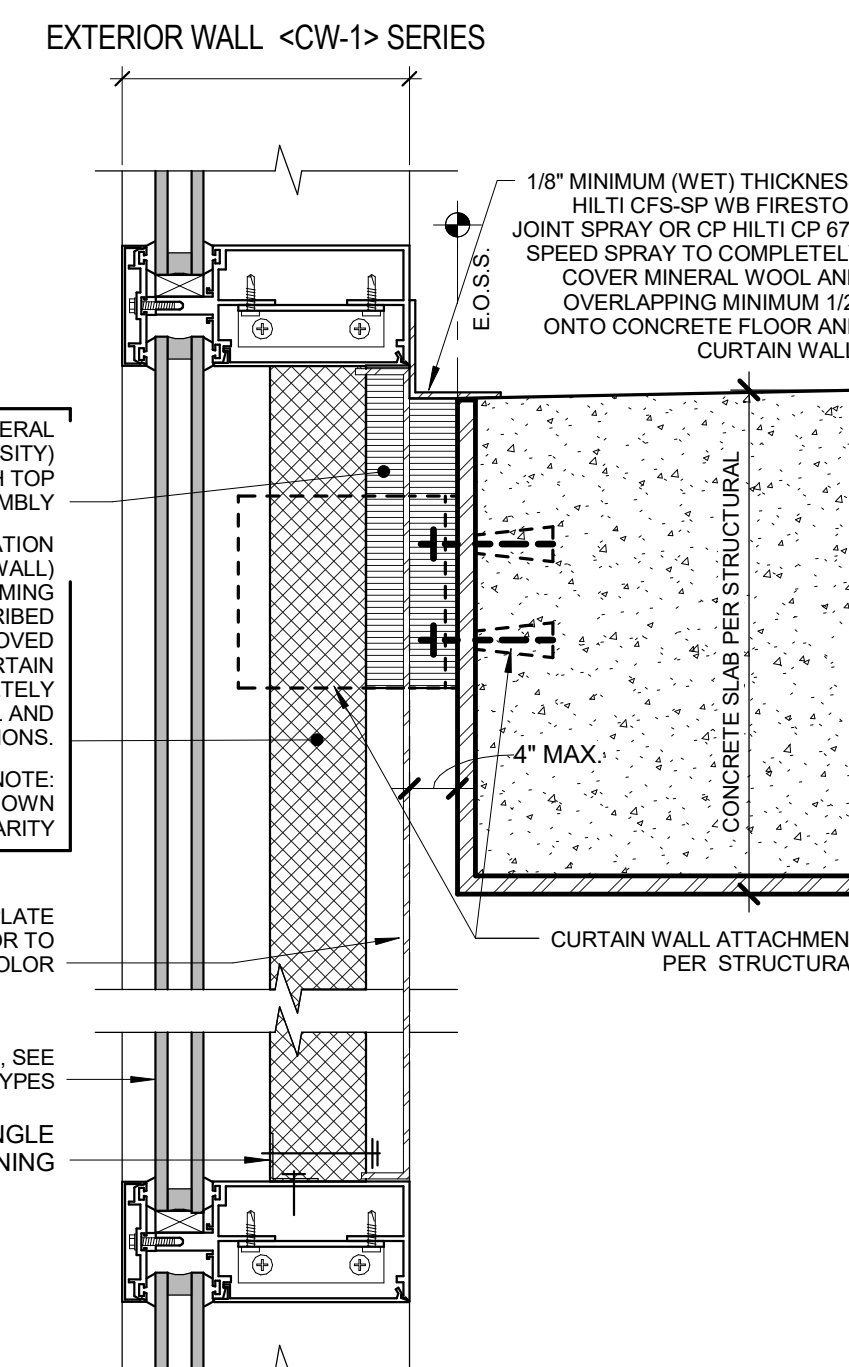
DATE: JULY 06, 2017



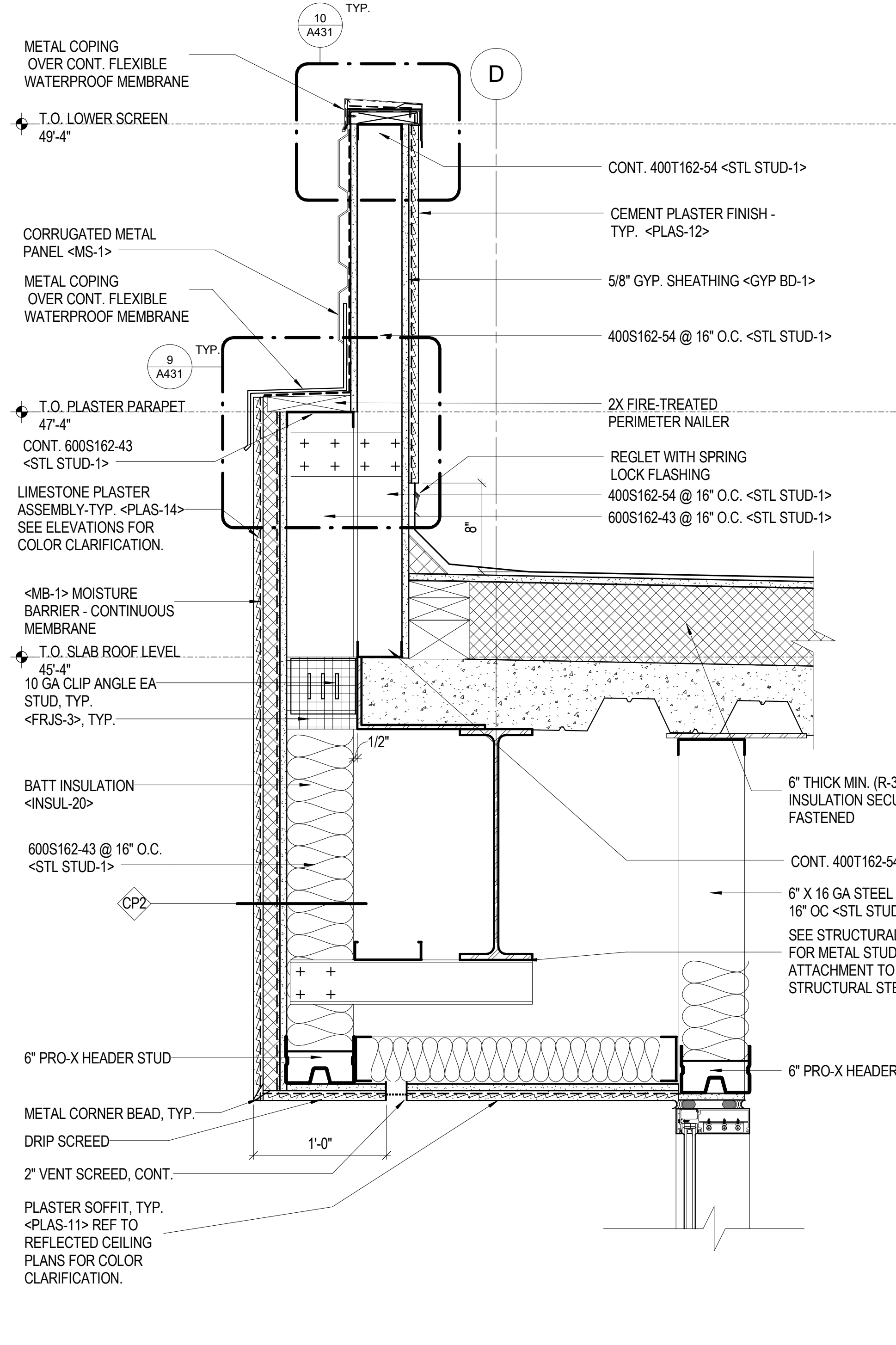
3 EXTERIOR DETAIL AT CURTAIN WALL SYSTEM (A471)
1 1/2" = 1'-0"



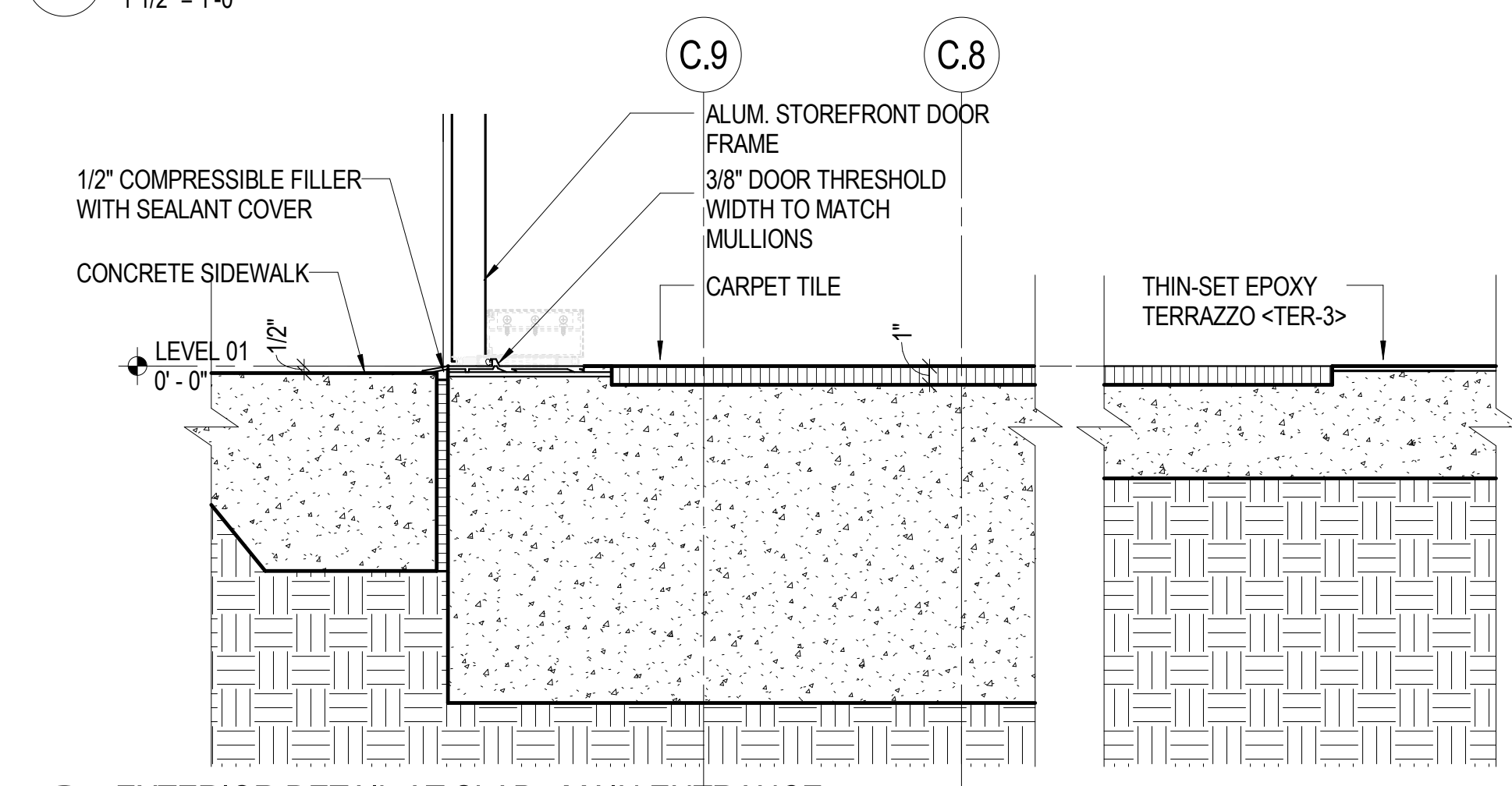
2 EXTERIOR DETAIL AT SLAB EDGE AND CURTAIN WALL
1 1/2" = 1'-0"



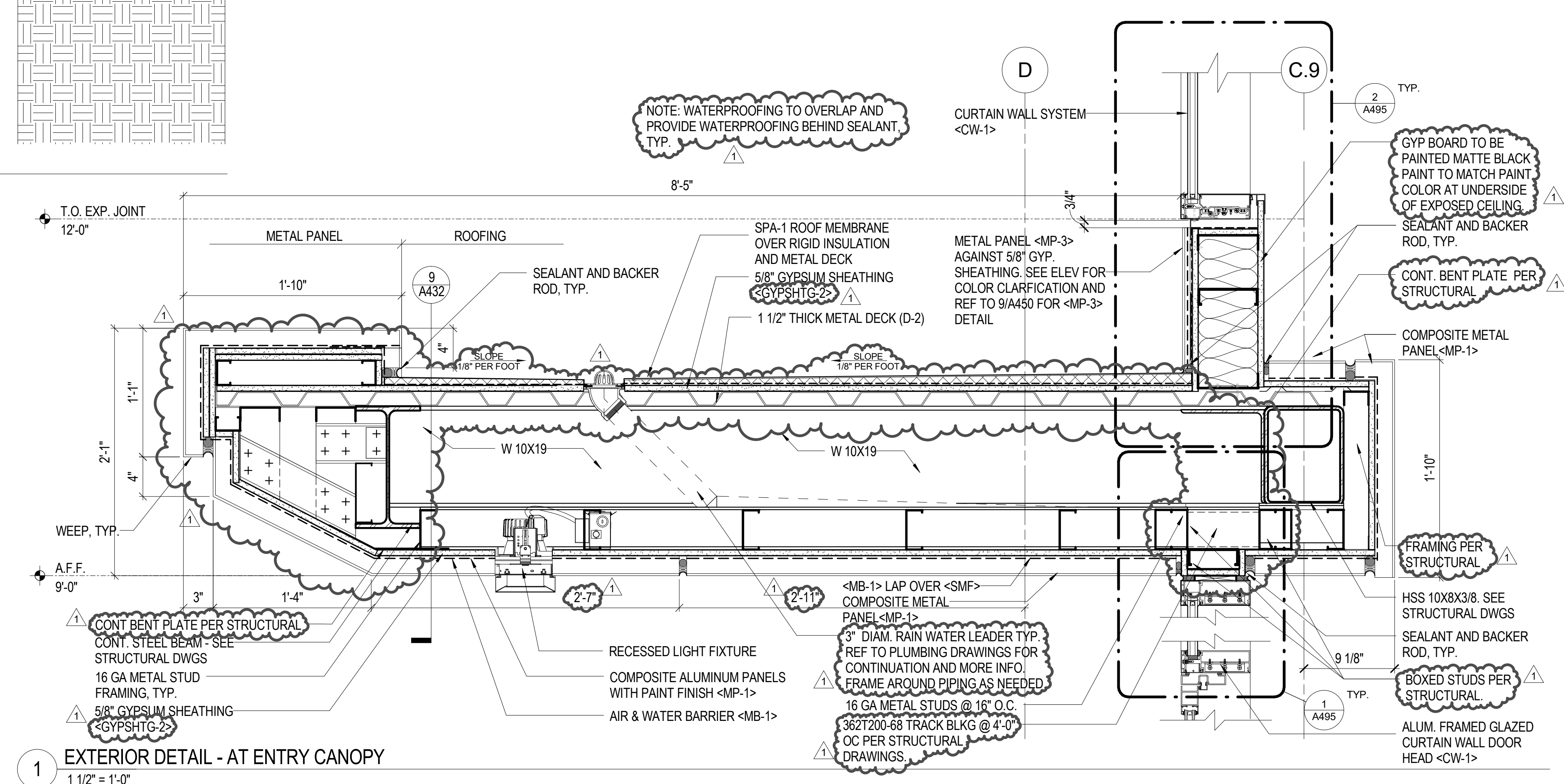
4 EXT. WALL CW-1 SERIES AT FL. SLAB (1 HR FIRE-RATED)
3" = 1'-0"



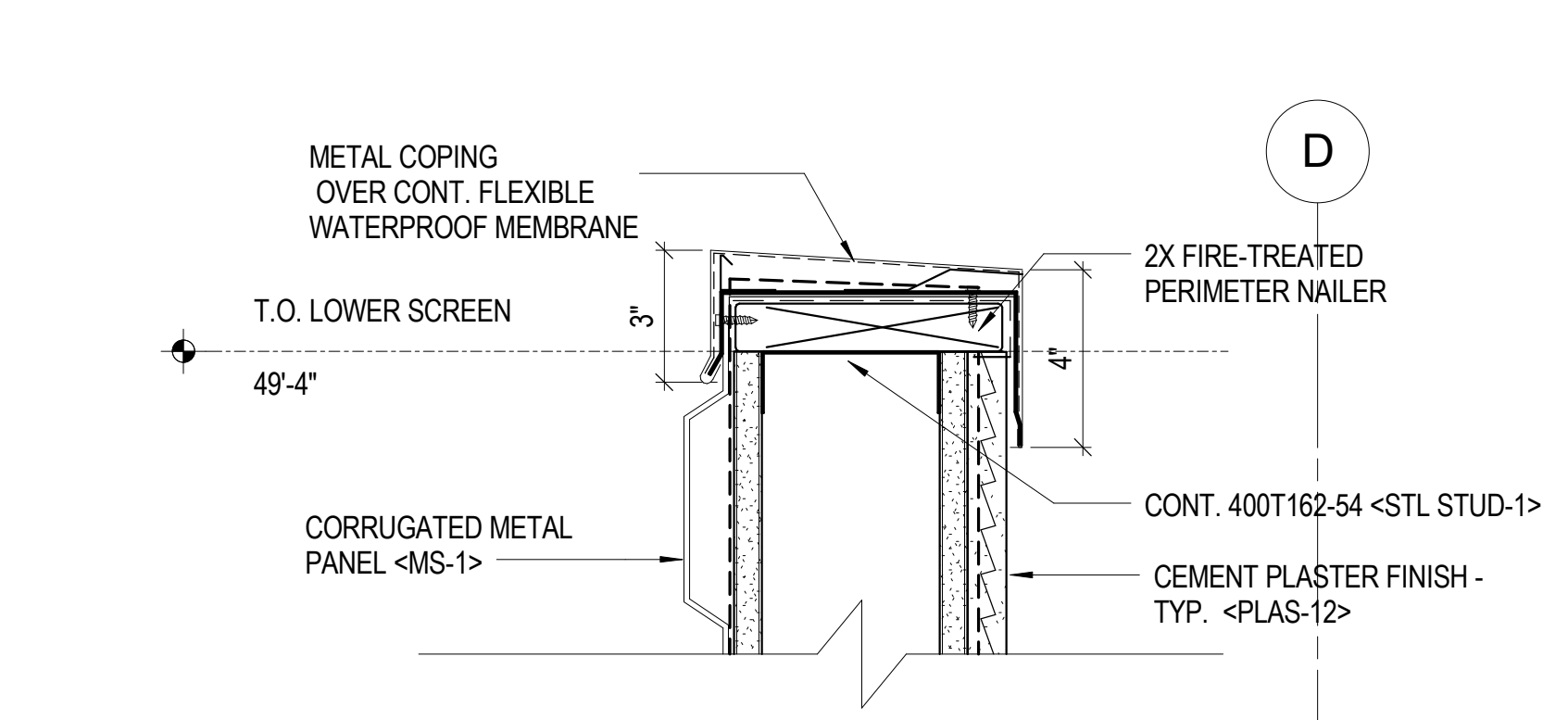
6 PARAPET DETAIL ON EAST SIDE OF BUILDING
1 1/2" = 1'-0"



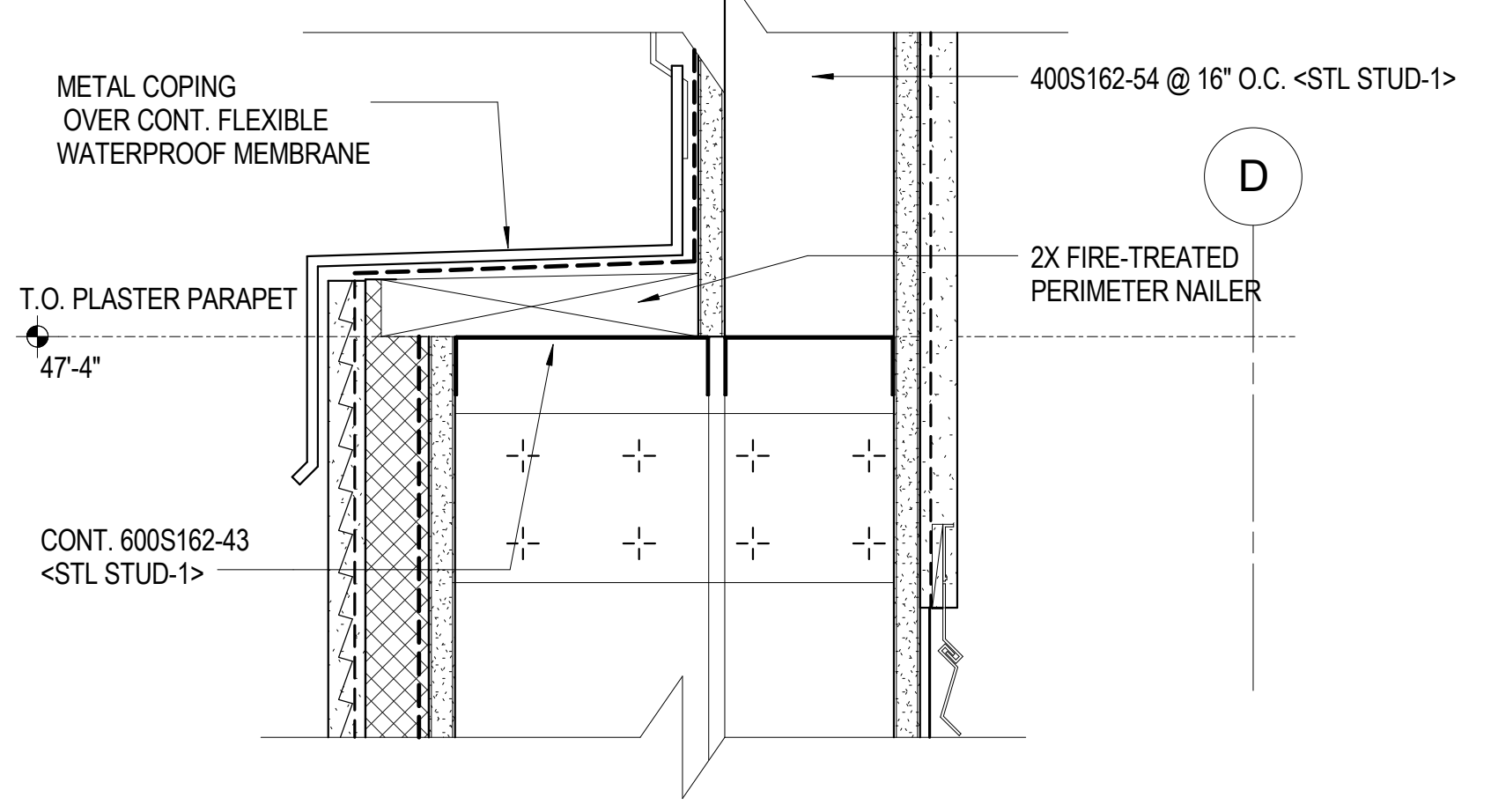
5 EXTERIOR DETAIL AT SLAB - MAIN ENTRANCE
1 1/2" = 1'-0"



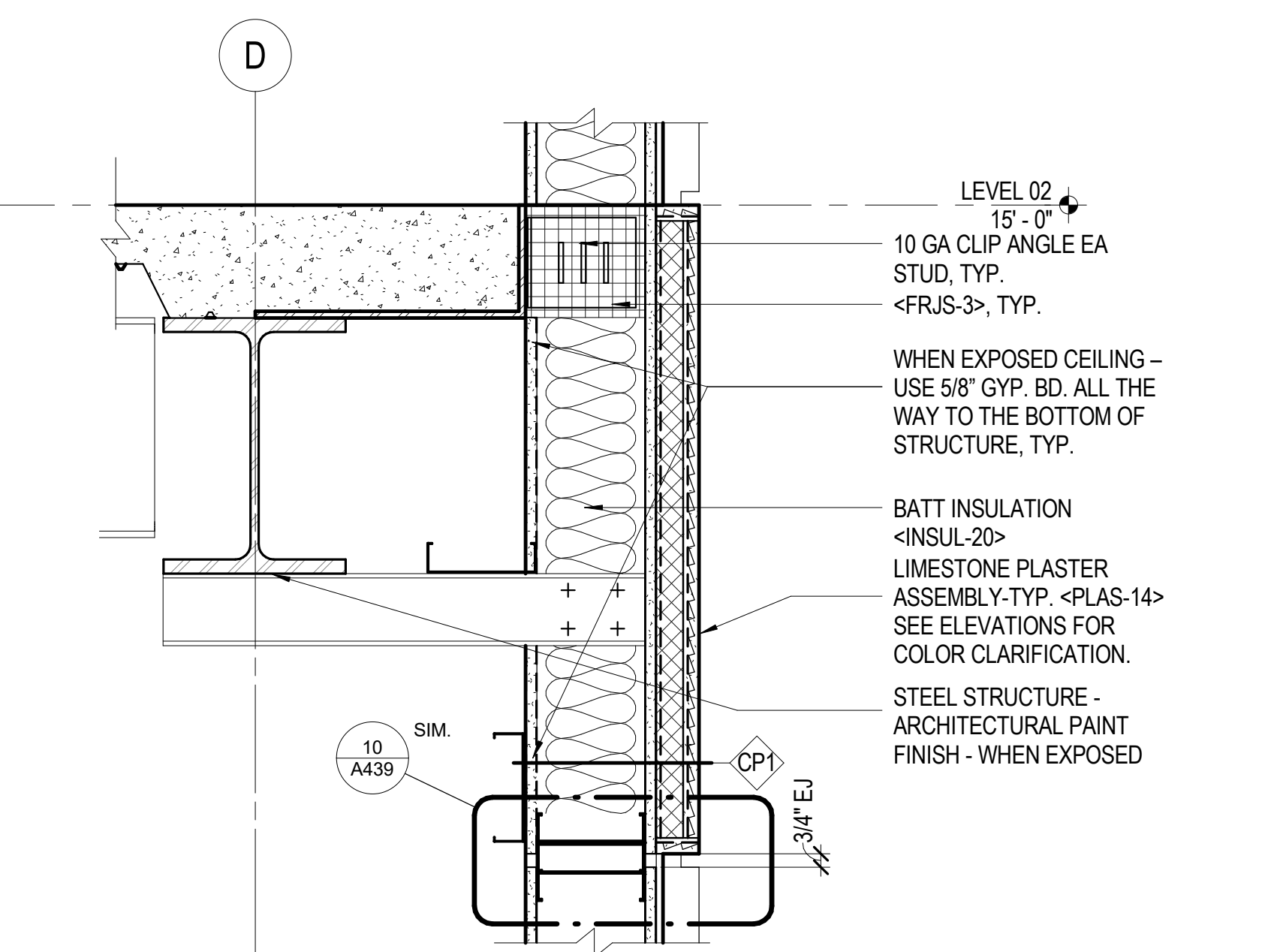
1 EXTERIOR DETAIL - AT ENTRY CANOPY
1 1/2" = 1'-0"



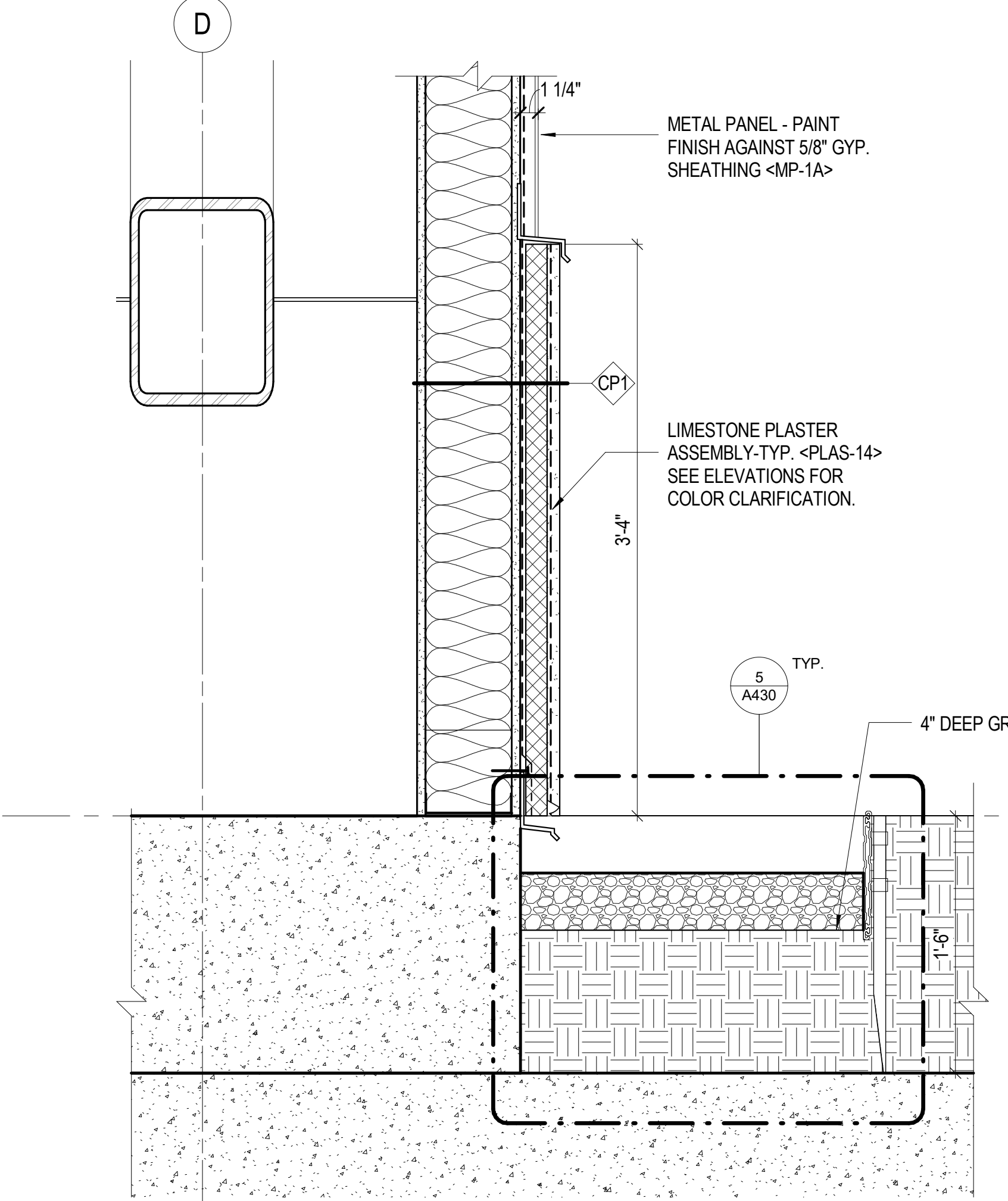
10 ENLARGED PARAPET DETAIL ON EAST SIDE OF BUILDING
3" = 1'-0"



9 ENLARGED PARAPET DETAIL ON EAST SIDE OF BUILDING
3" = 1'-0"



8 EXTERIOR DETAIL AT SLAB EDGE
1 1/2" = 1'-0"



7 EXTERIOR DETAIL AT SLAB
1 1/2" = 1'-0"

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 SHERMAN OAKS, CA 91423
 818-377-8220

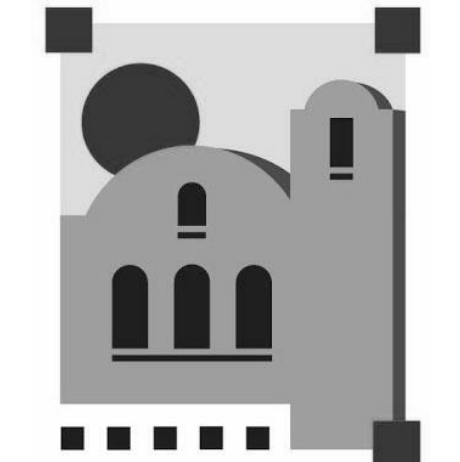
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 619-297-0159

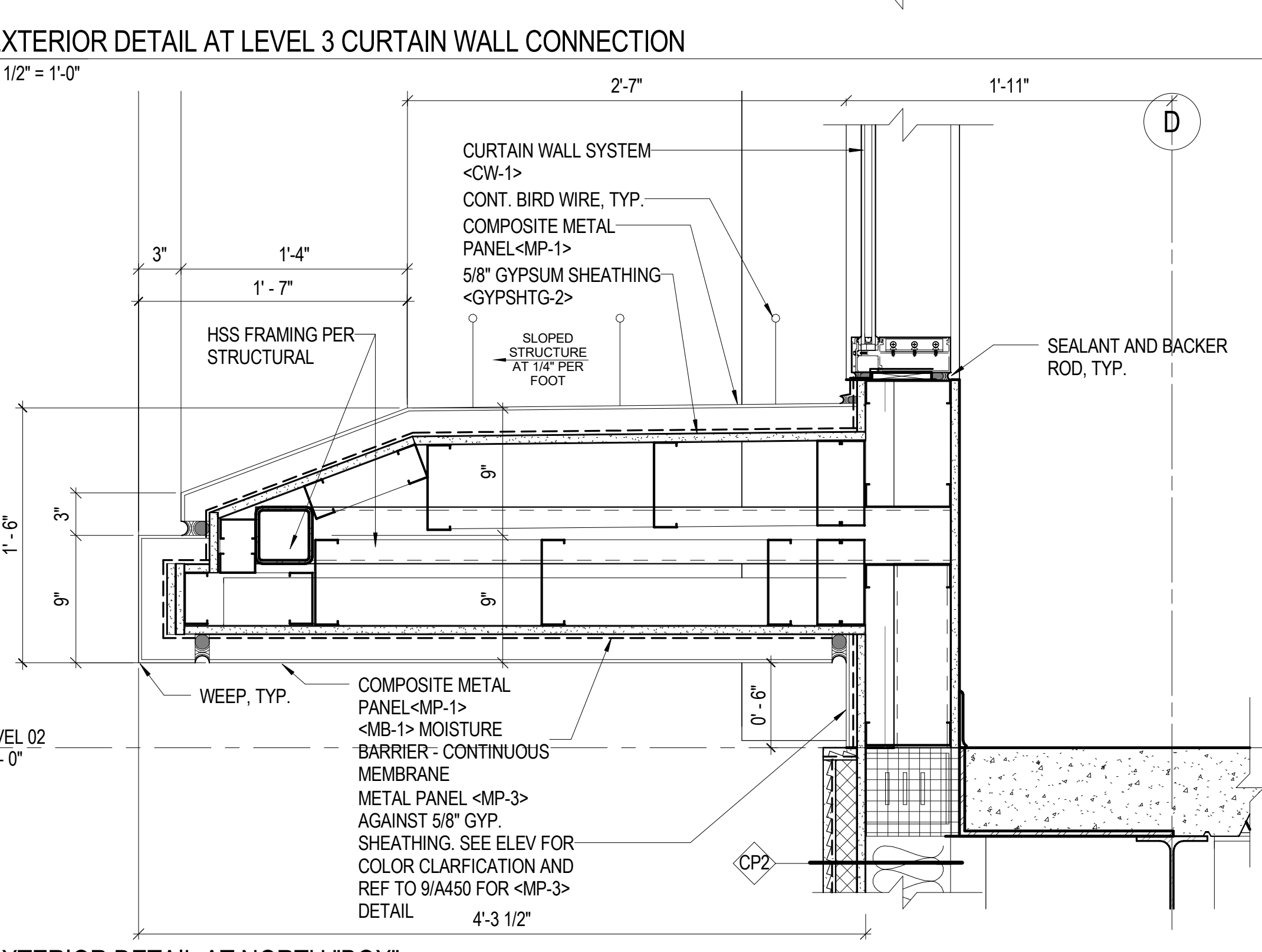
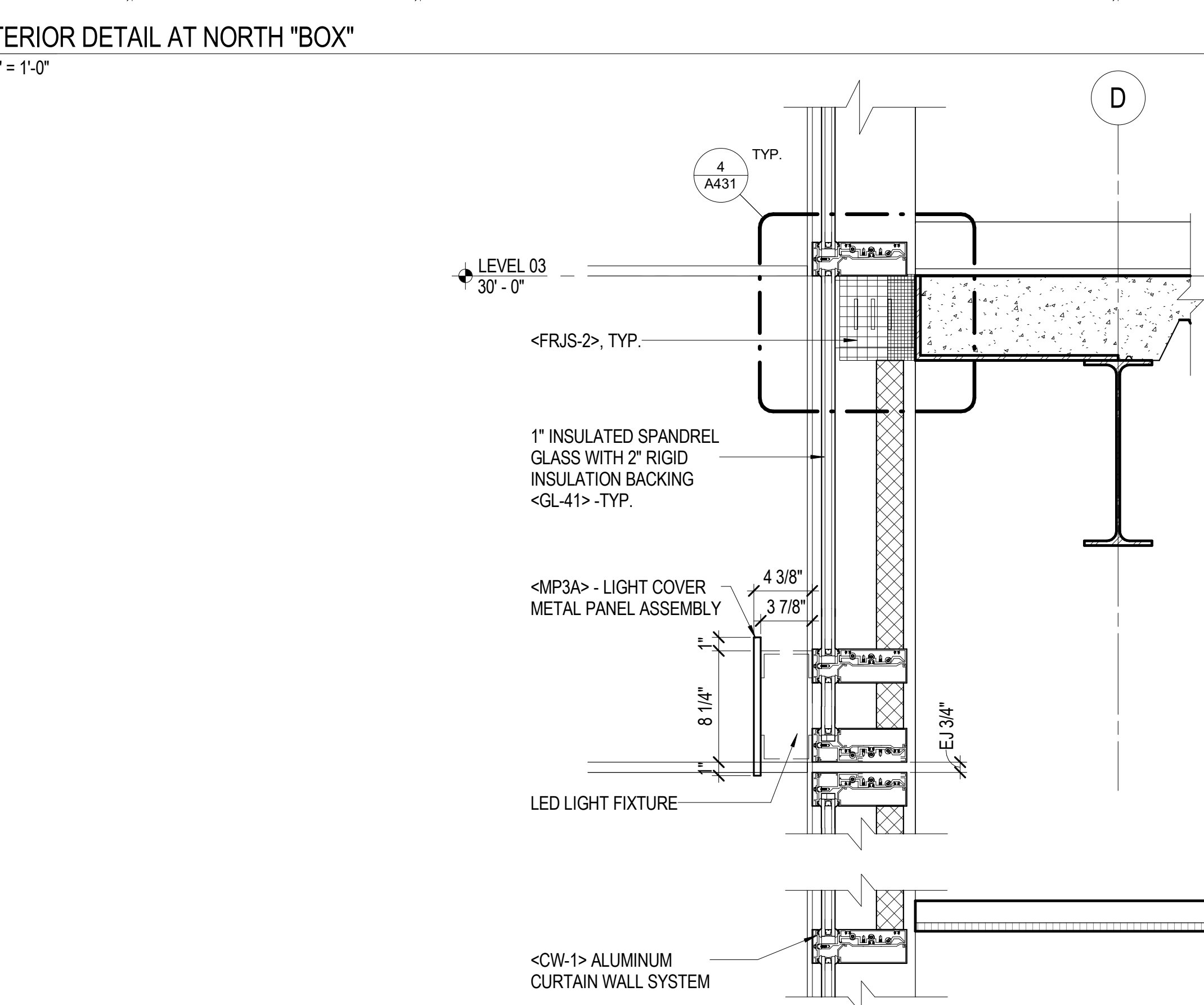
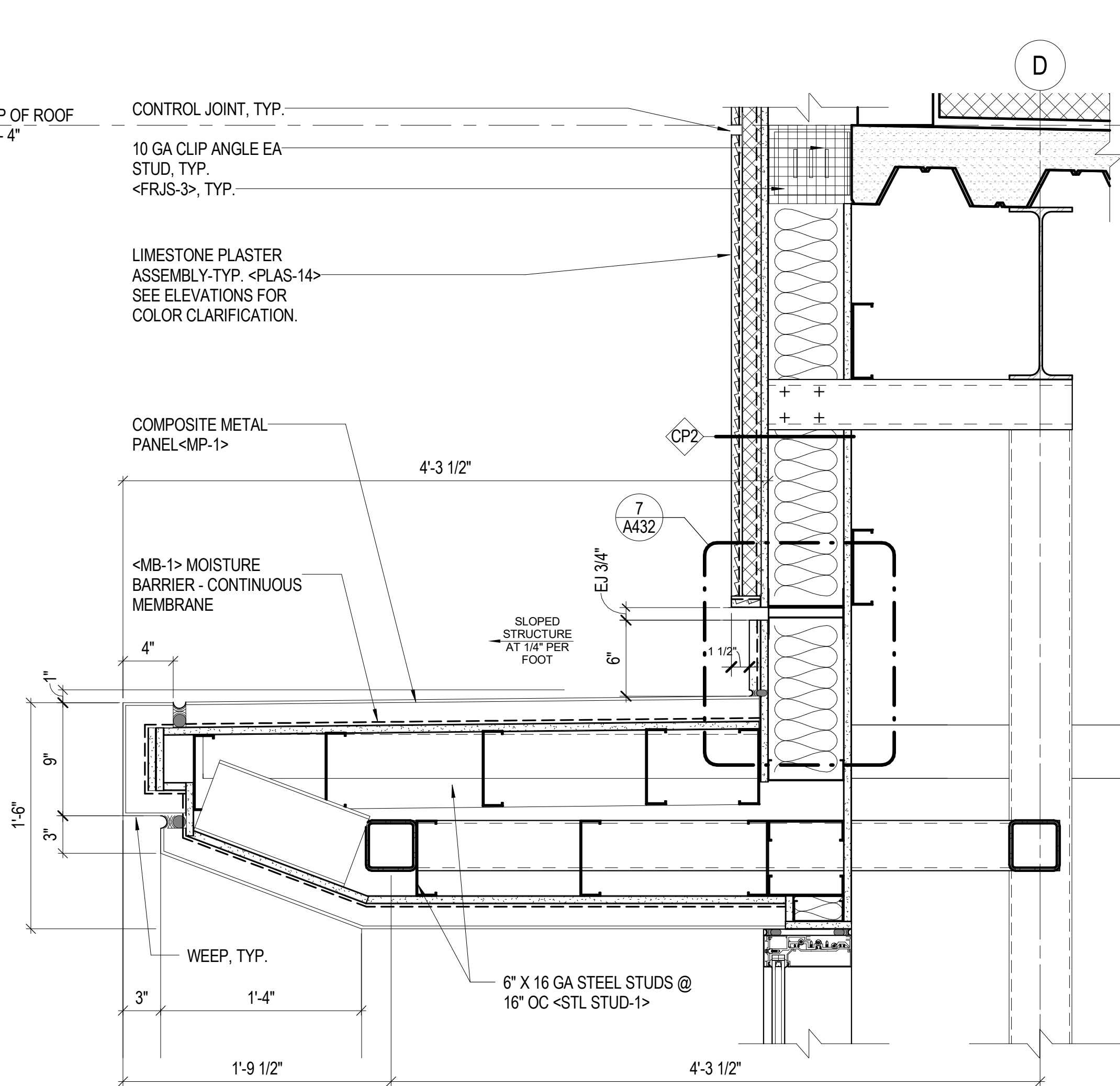
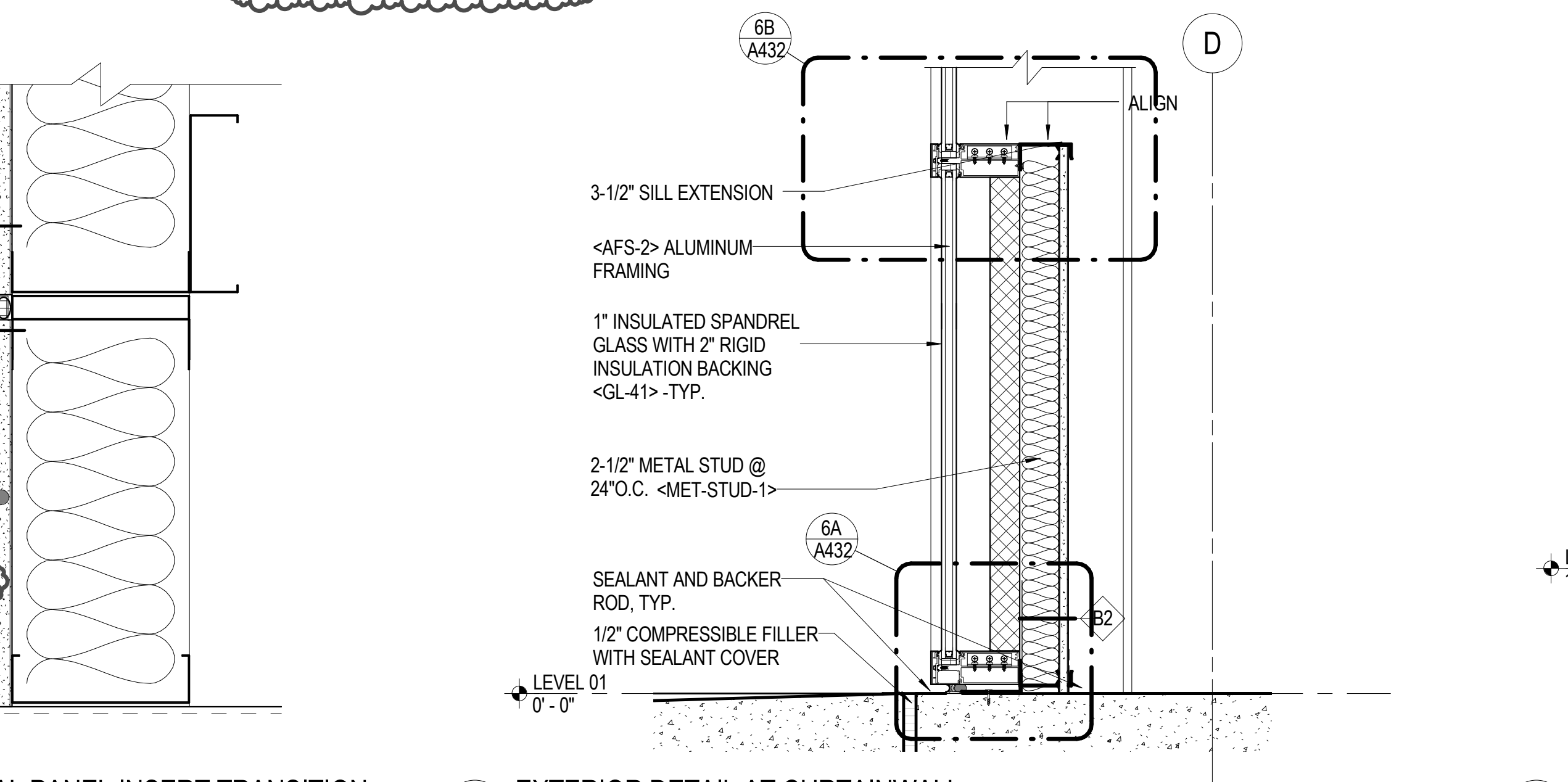
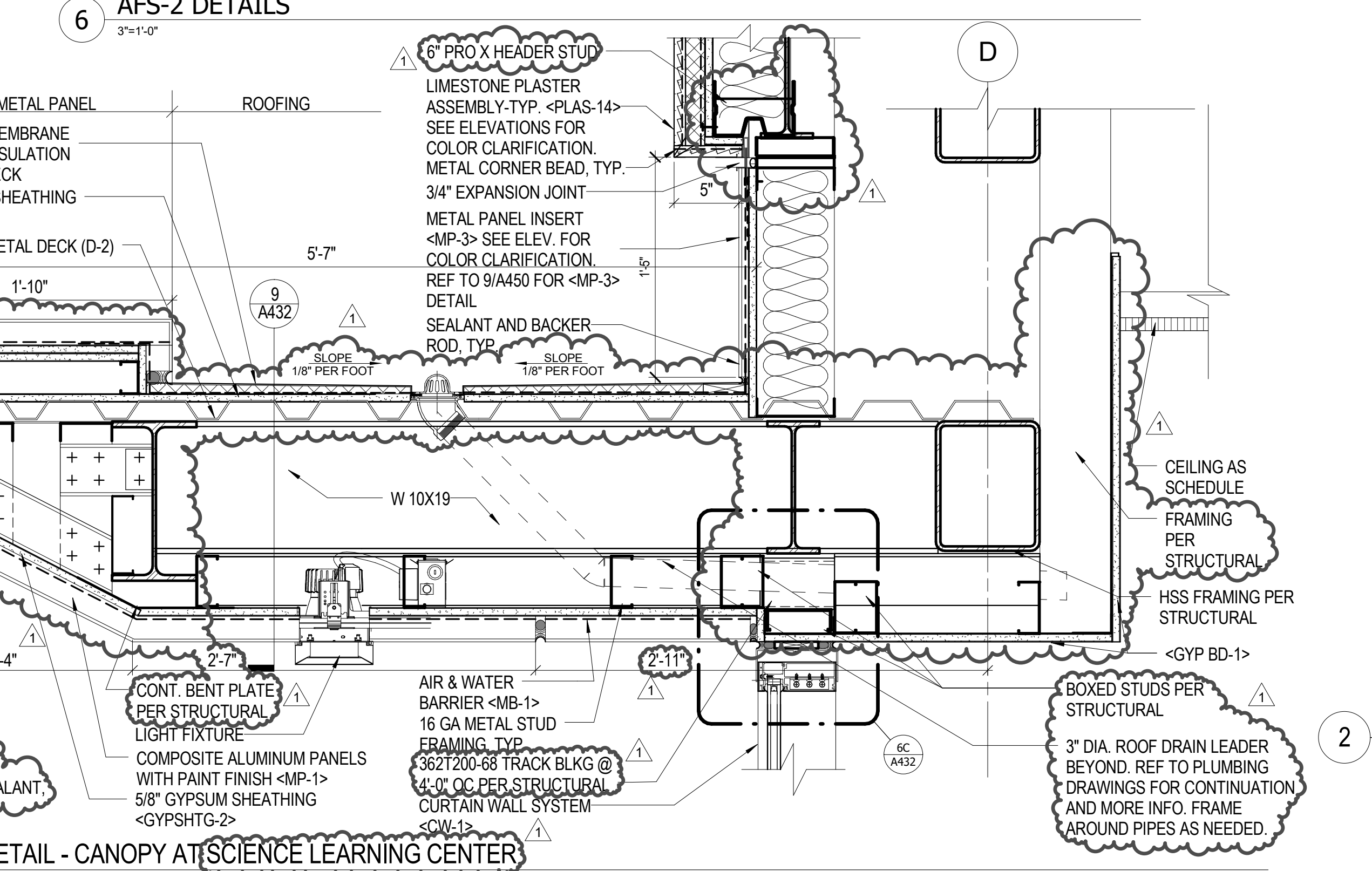
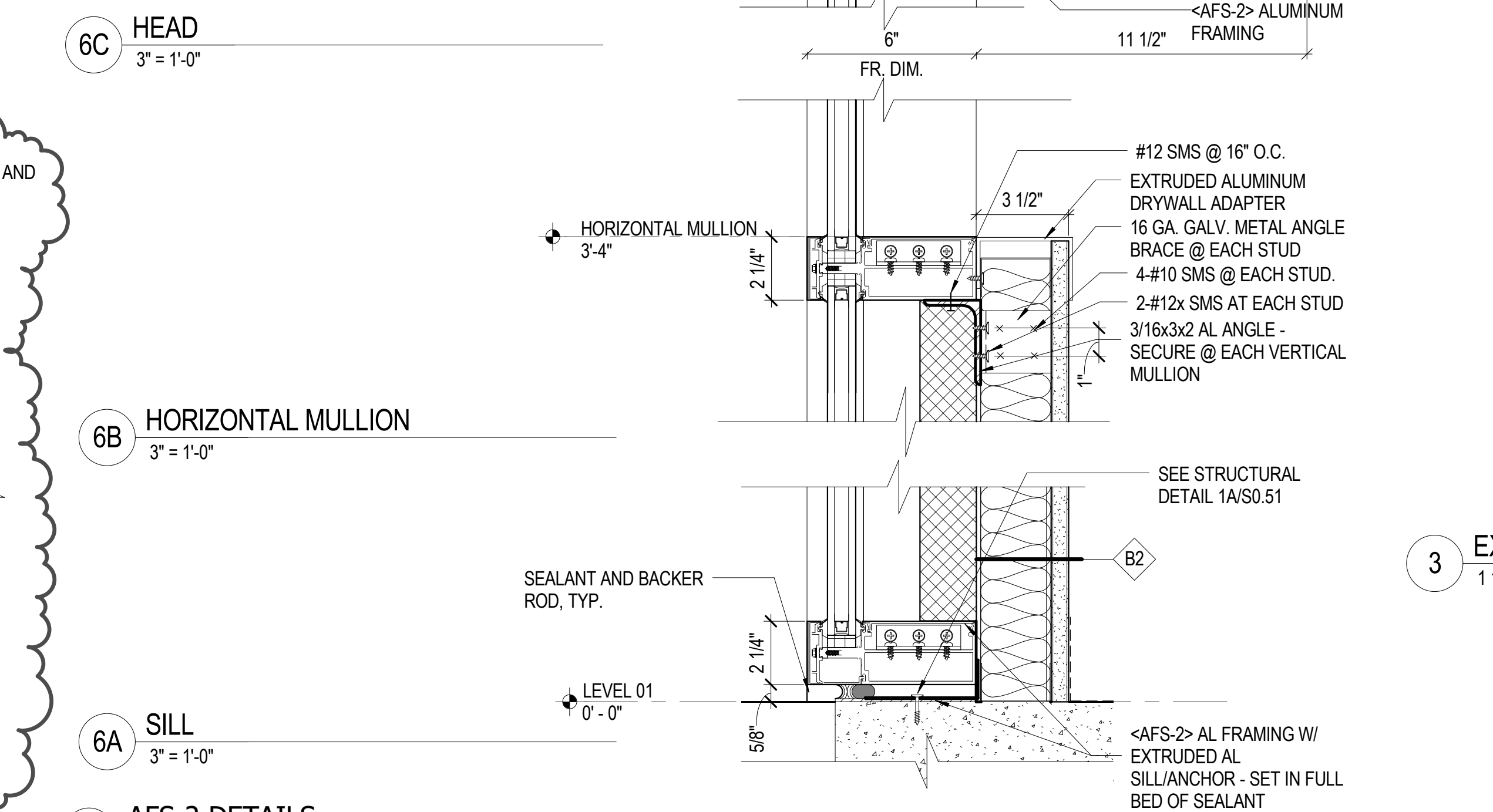
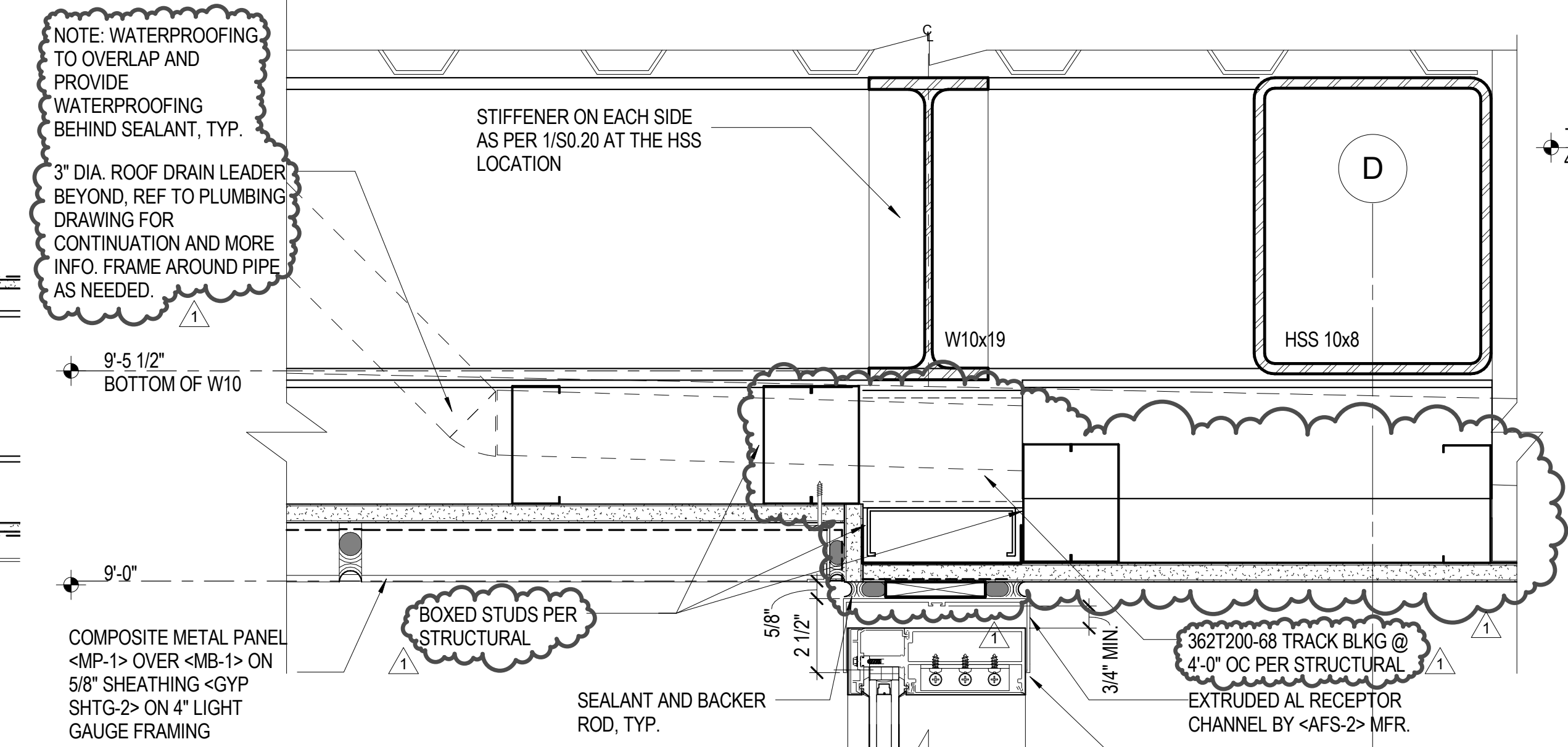
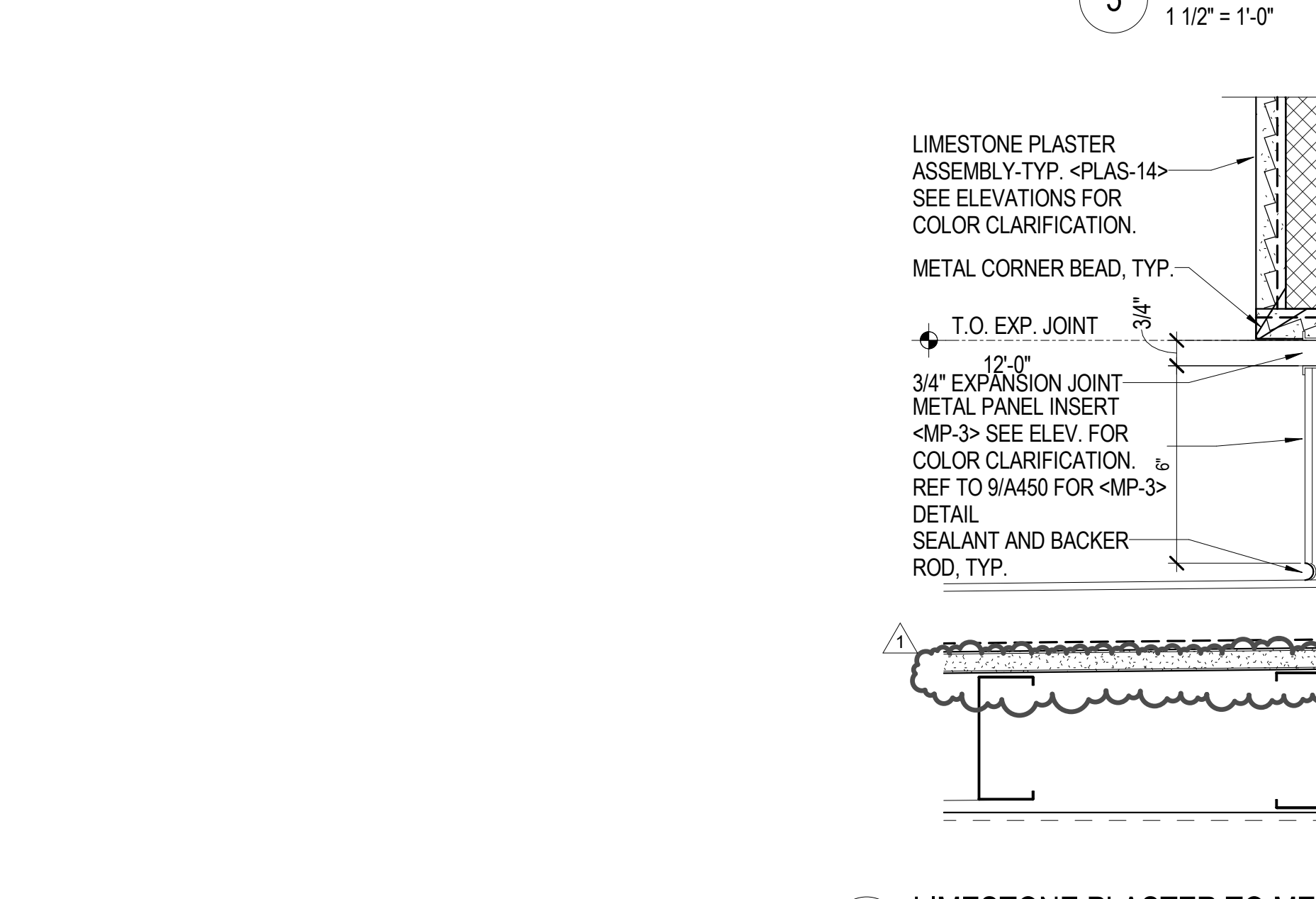
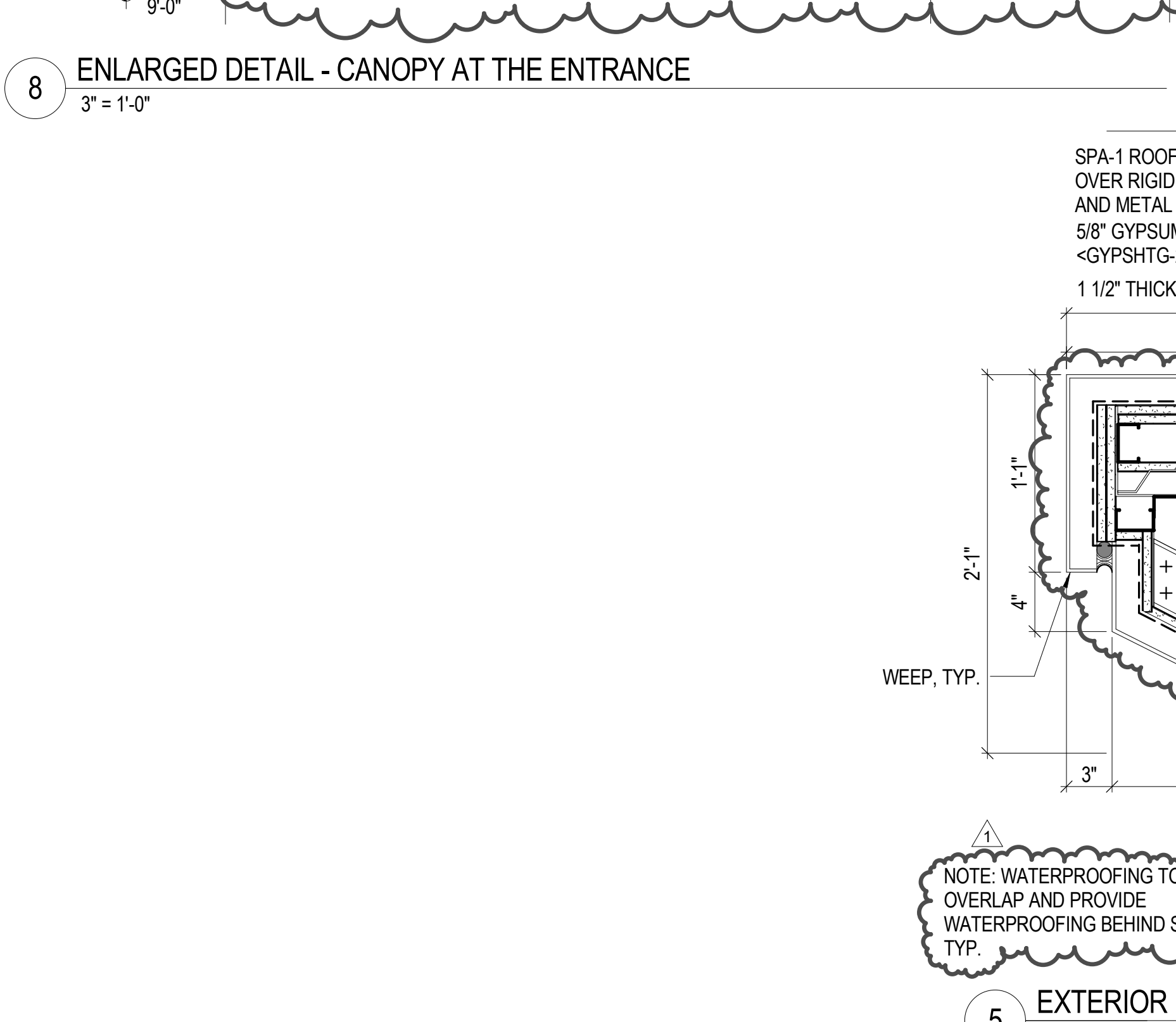
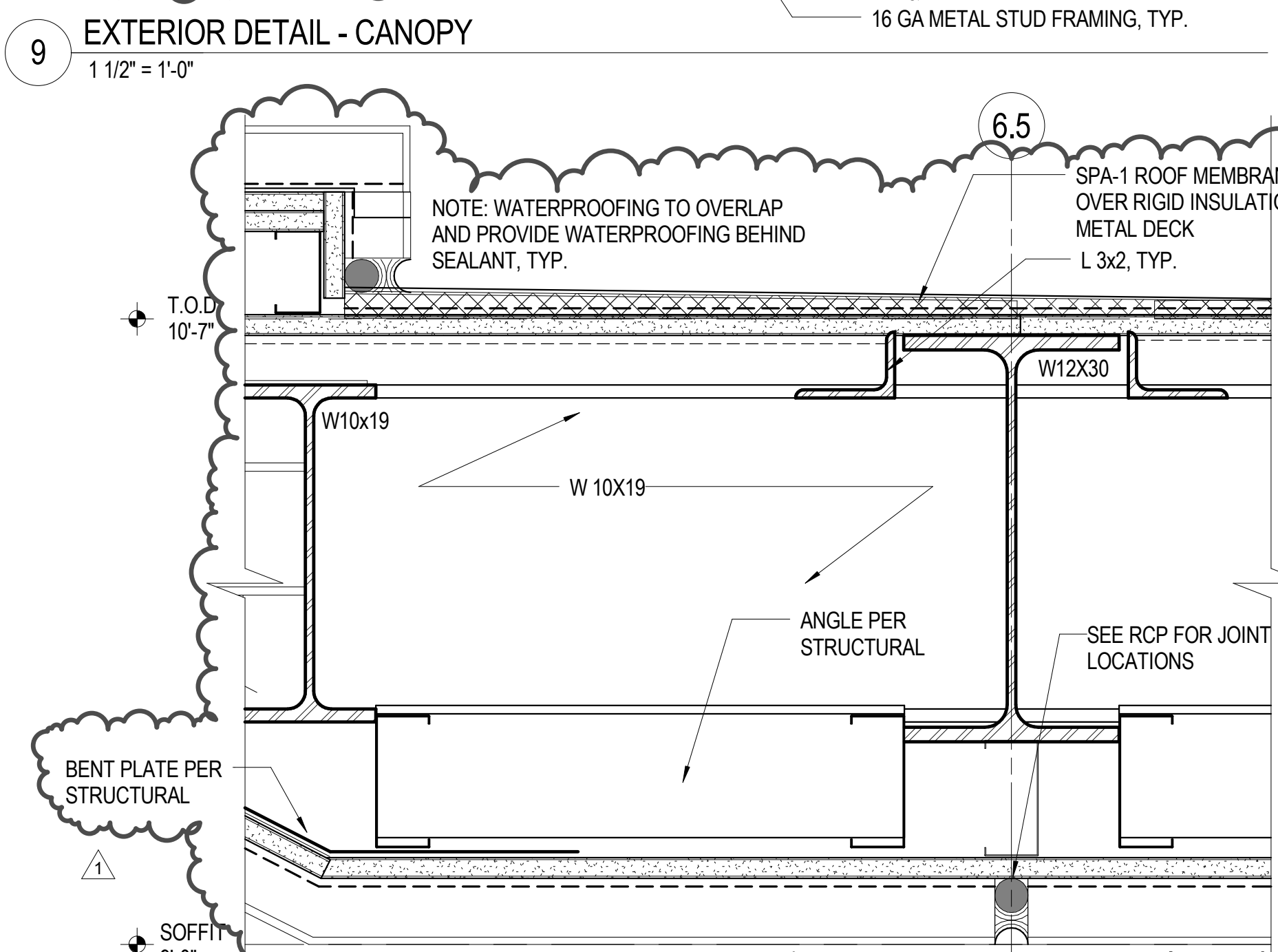
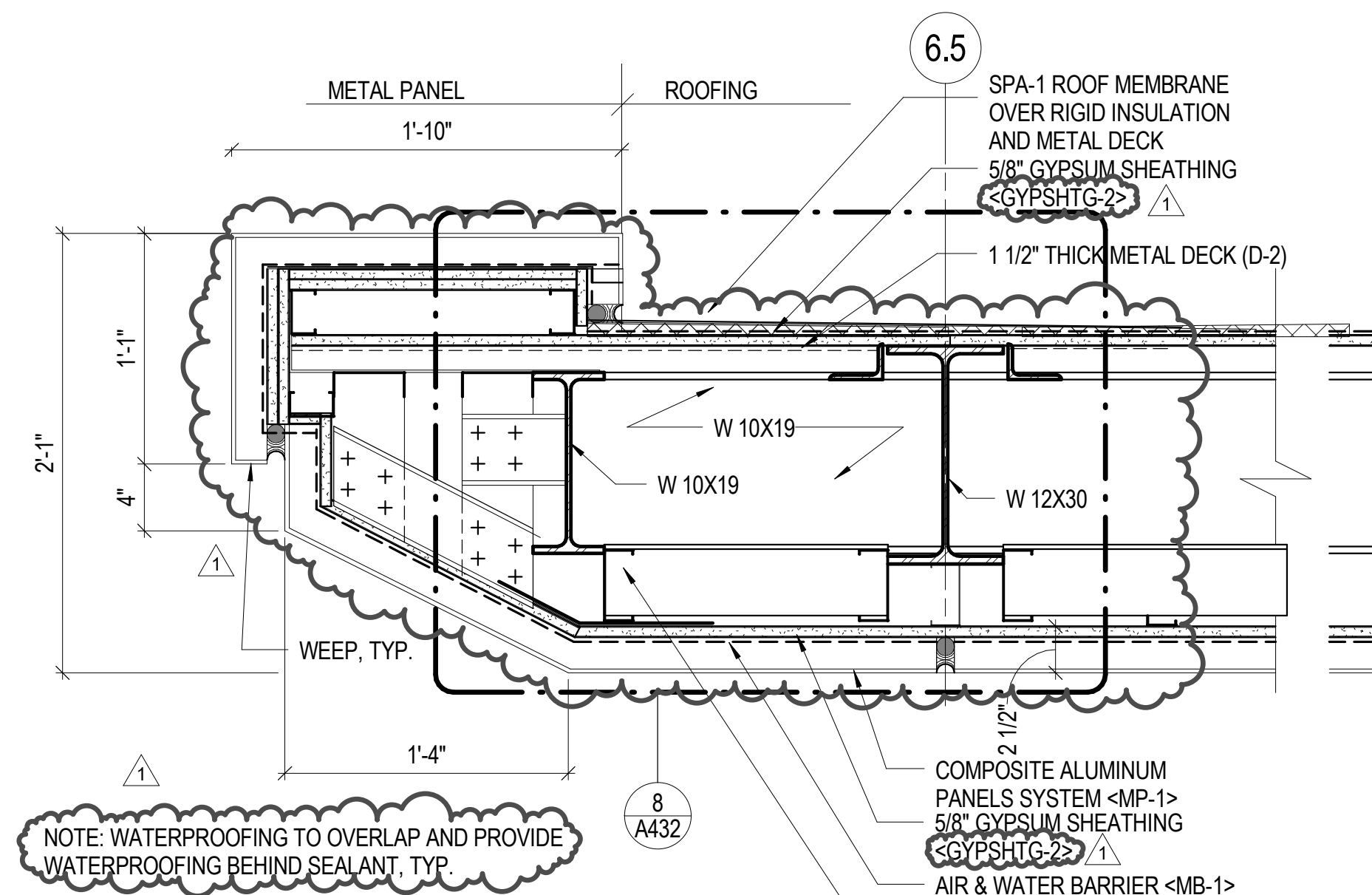
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 RANCHO SANTIAGO
 COMMUNITY COLLEGE
 DISTRICT
 1530 W. 17TH ST.
 SANTA ANA, CA 92706



SANTA ANA COLLEGE

WE HEREBY CERTIFY THAT THIS PLAN SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A LICENSED ARCHITECT/ENGINEER/PLUMBER/ELECTRICIAN IN THE STATE OF CALIFORNIA.

NAME: JAMES C. MATSON
 DATE: MAY 16, 2017
 REGISTRATION NUMBER: C13030



NO.	DESCRIPTION	DATE
1	Addendum 1	8/23/17

ISSUANCE HISTORY - THIS SHEET

DRAWN BY: RE REVIEW BY: TE

HGA NO: 3584-001-00

EXTERIOR SECTION DETAILS

DATE: JULY 06, 2017

A432

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REGISTERED ARCHITECT
 JAMES G. MATSON
 DATE: MAY 18, 2017
 REGISTRATION NUMBER: C13038

NO.	DESCRIPTION	DATE
1	Addendum 1	8/23/17

ISOLATION HISTORY - THIS SHEET

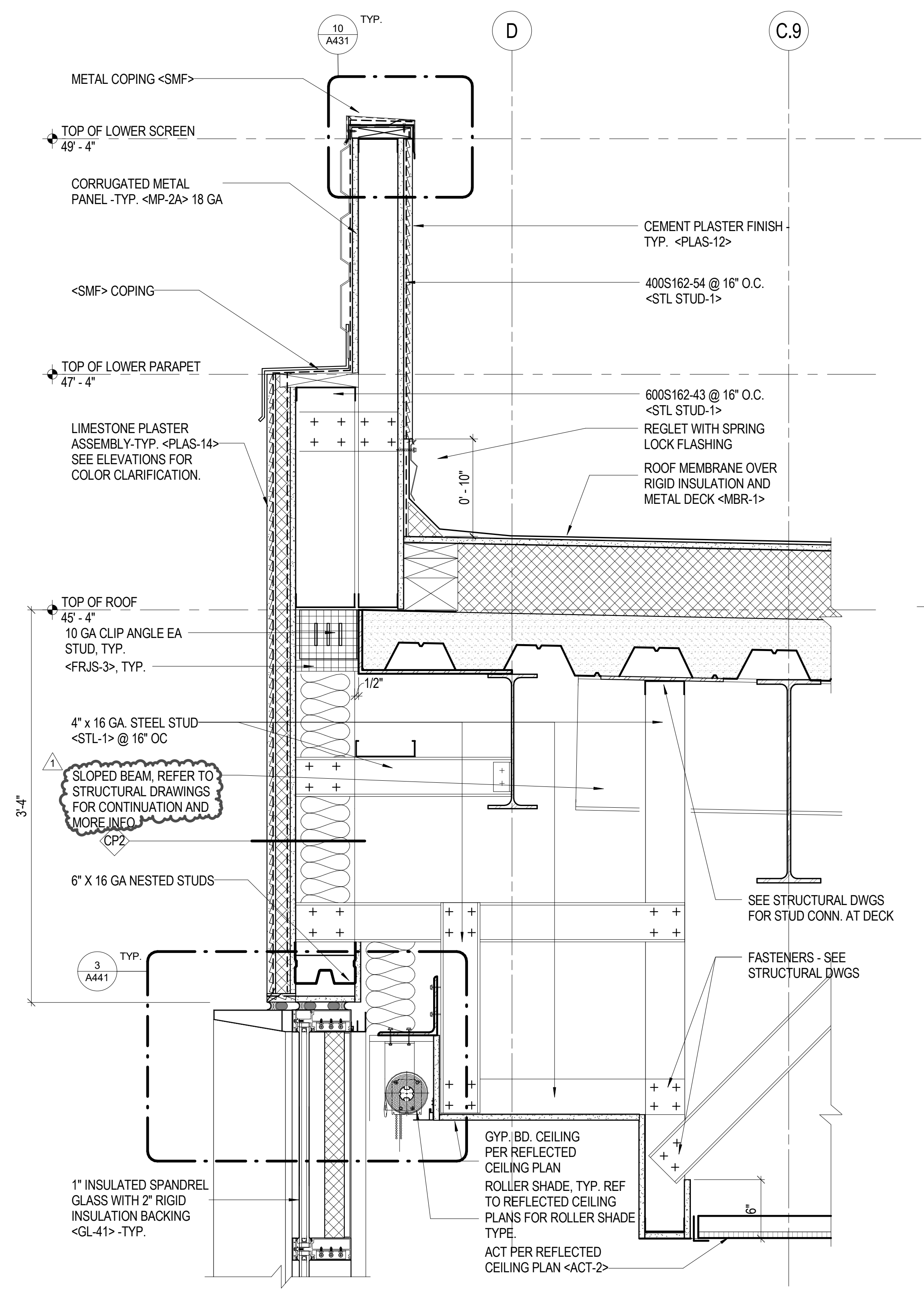
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HGA NO: 3584-001-00

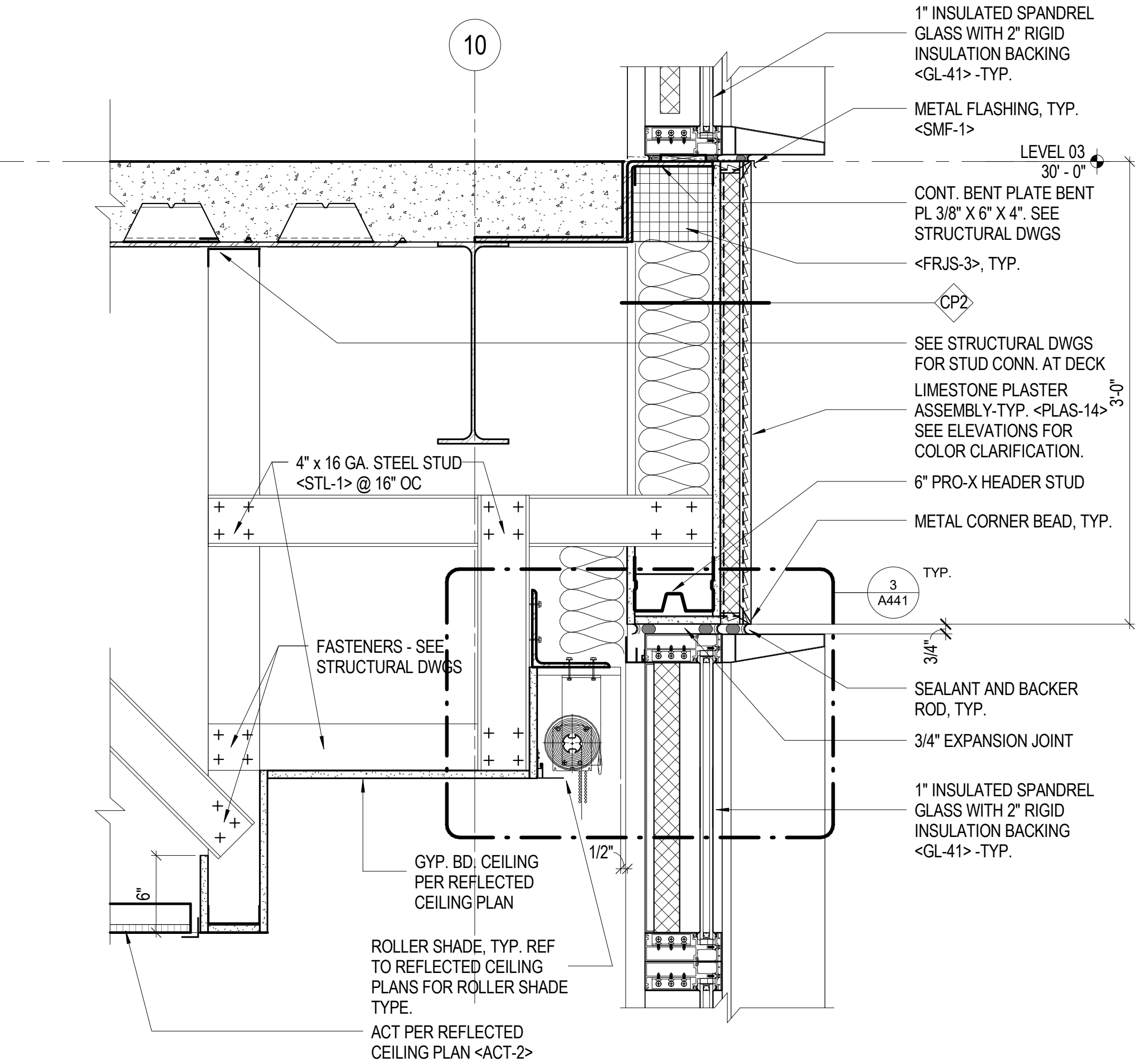
EXTERIOR SECTION DETAILS

DATE: JULY 06, 2017

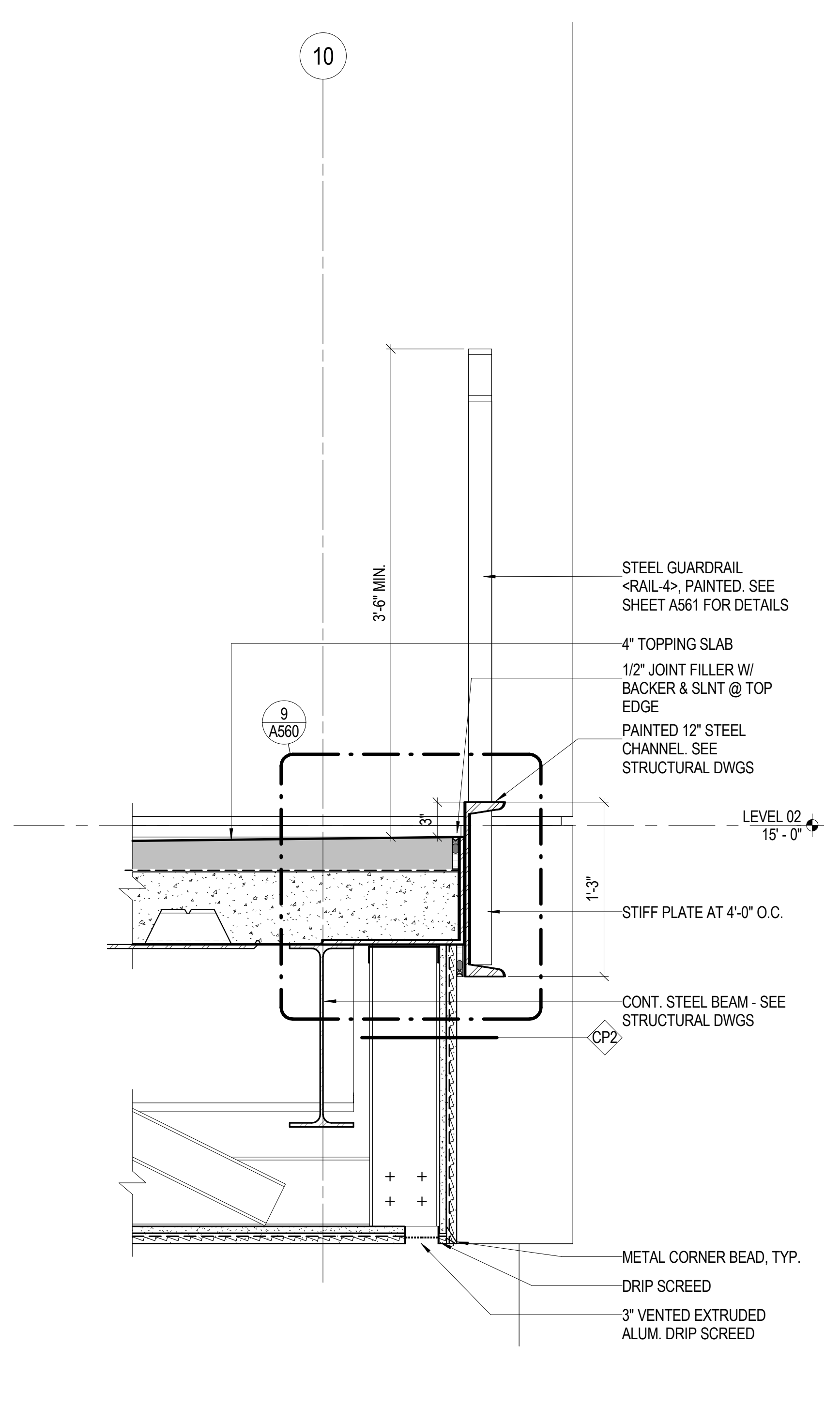
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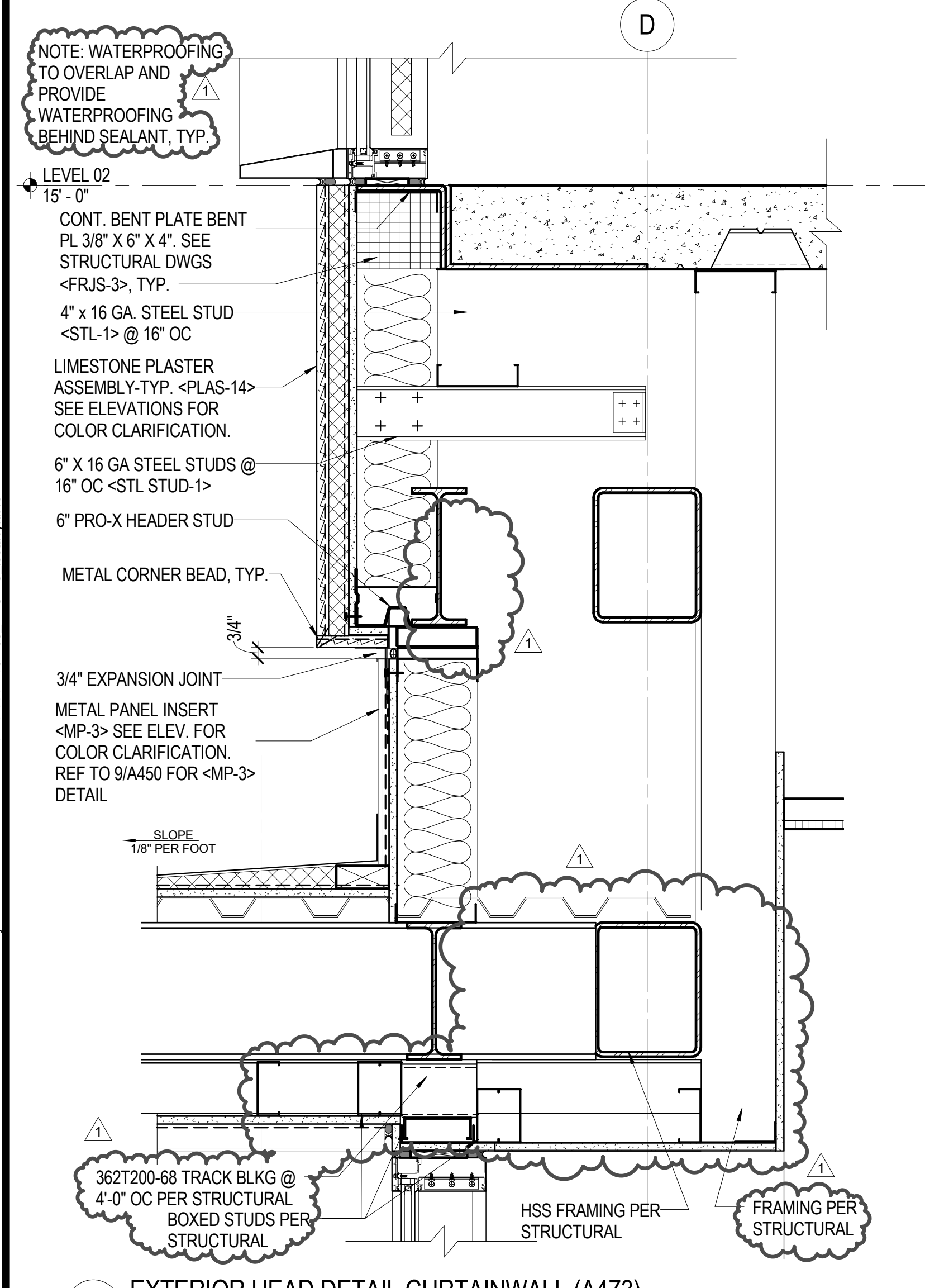
3 EXTERIOR DETAIL PARAPET AND WINDOW HEAD CONDITION
 1 1/2" = 1'-0"



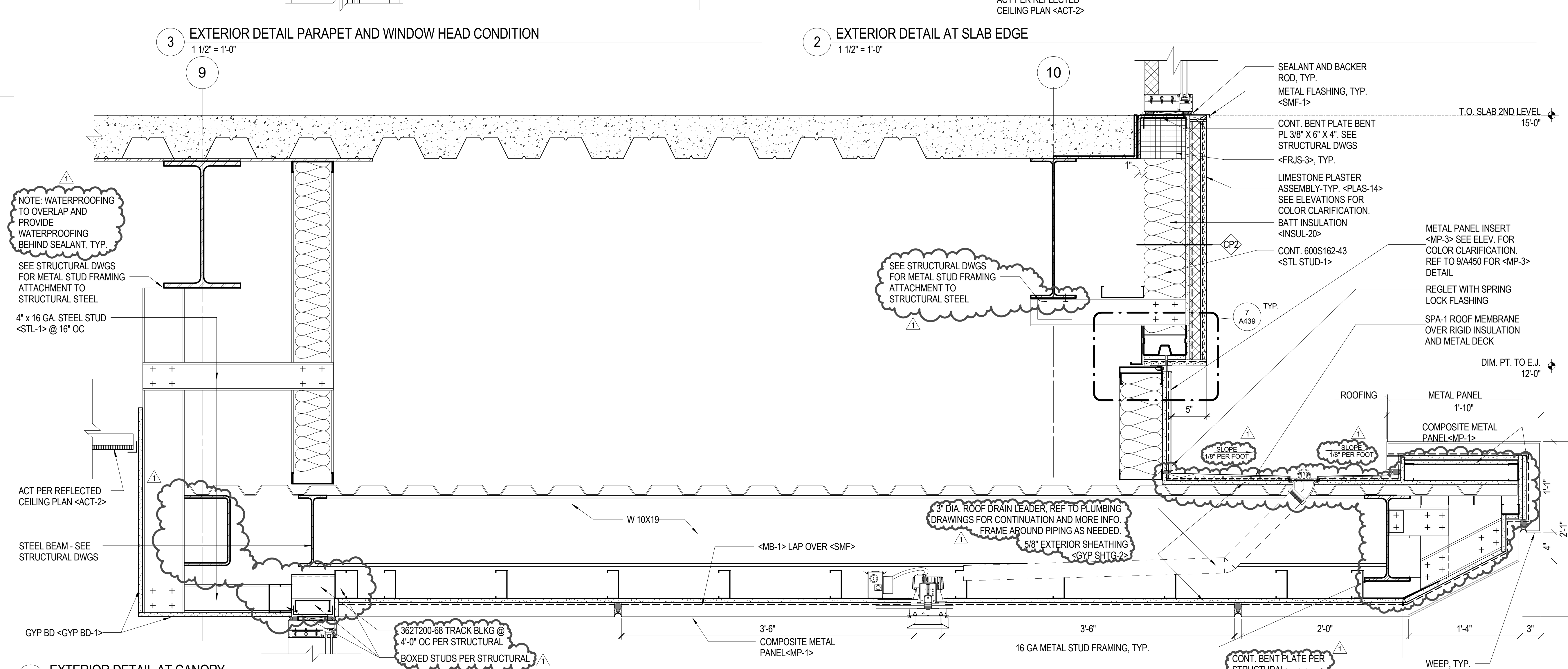
2 EXTERIOR DETAIL AT SLAB EDGE
 1 1/2" = 1'-0"



5 EXTERIOR DETAIL AT GUARDRAIL
 1 1/2" = 1'-0"



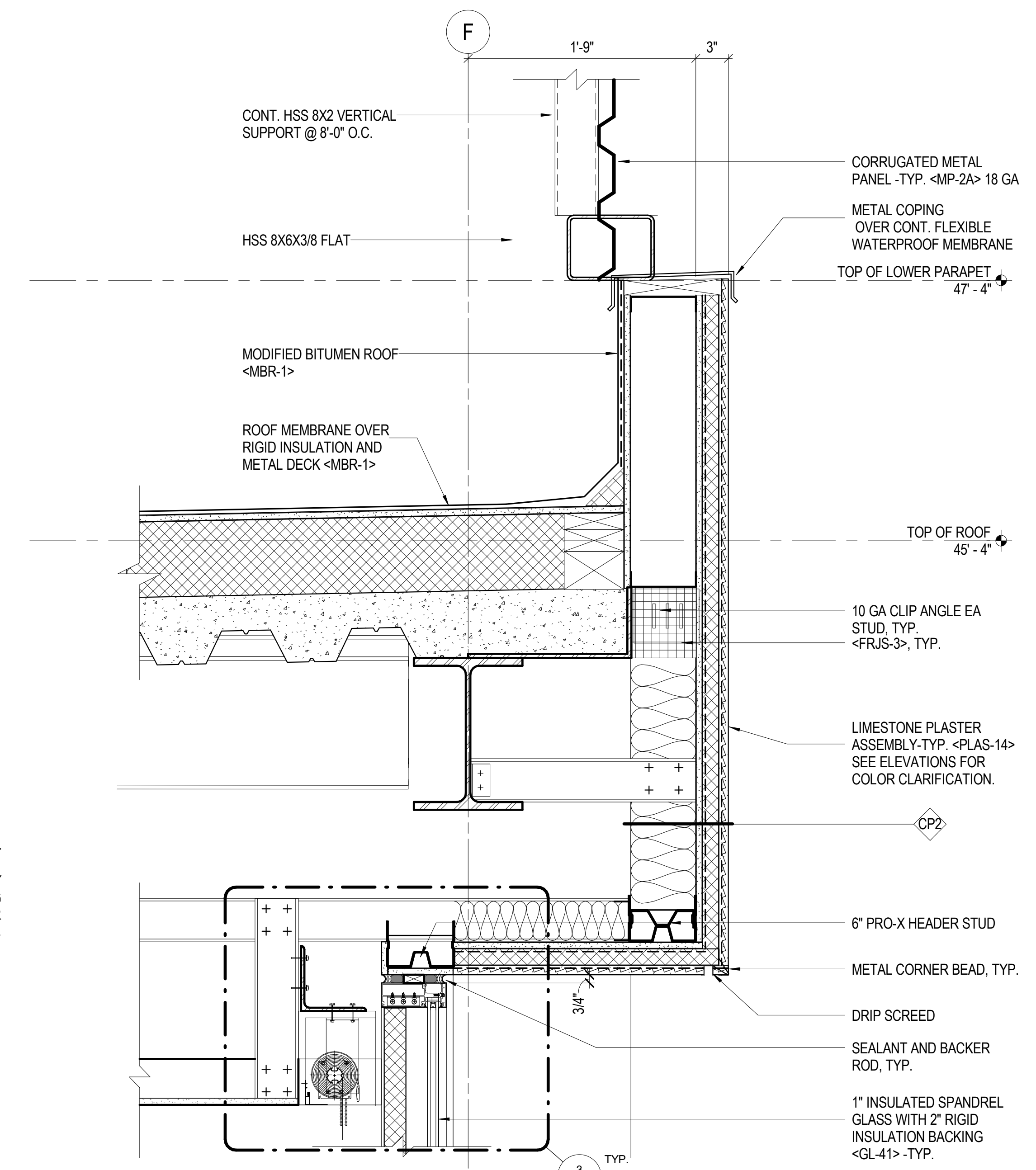
4 EXTERIOR HEAD DETAIL CURTAINWALL (A473)
 1 1/2" = 1'-0"



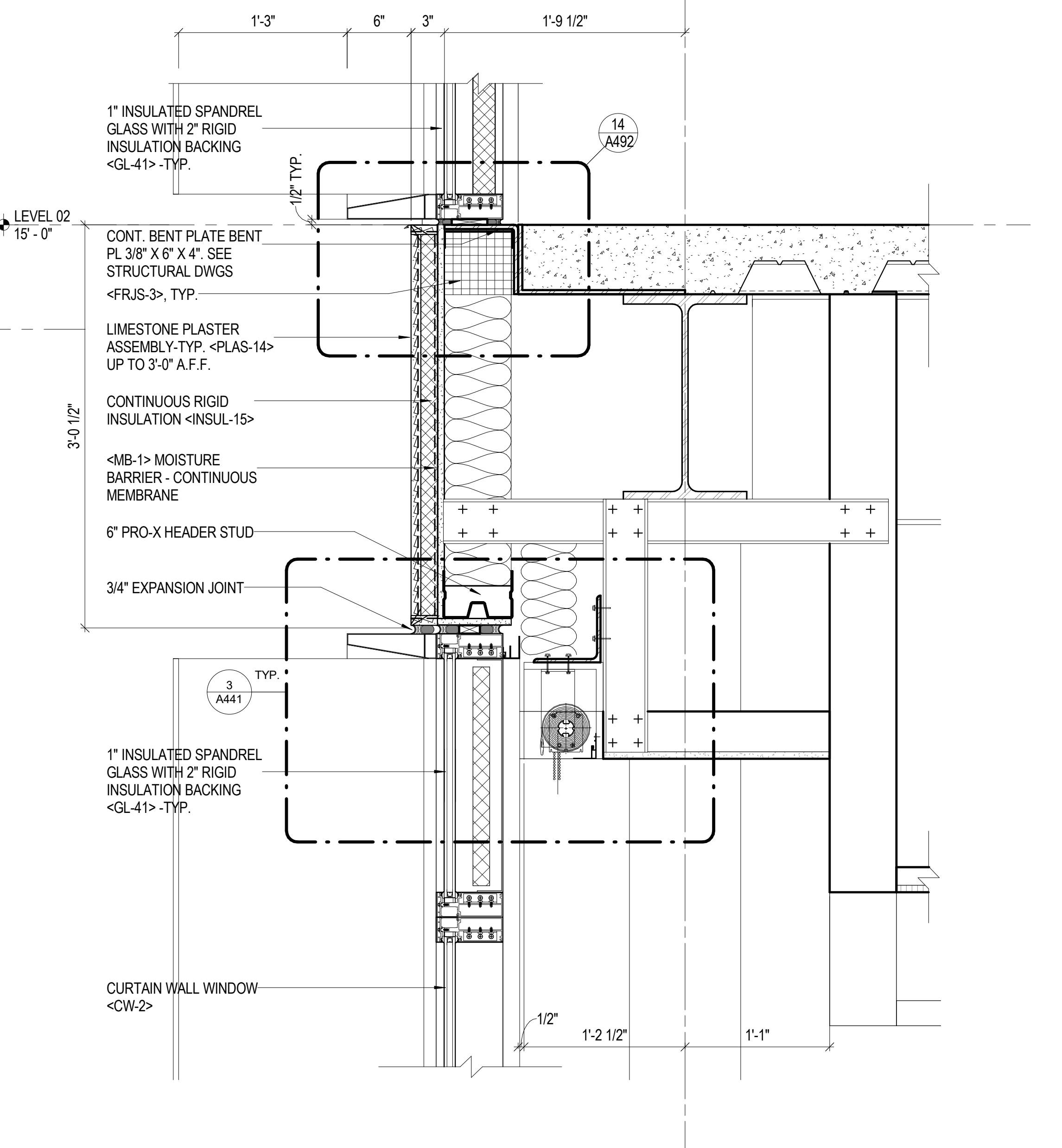
1 EXTERIOR DETAIL AT CANOPY
 1 1/2" = 1'-0"

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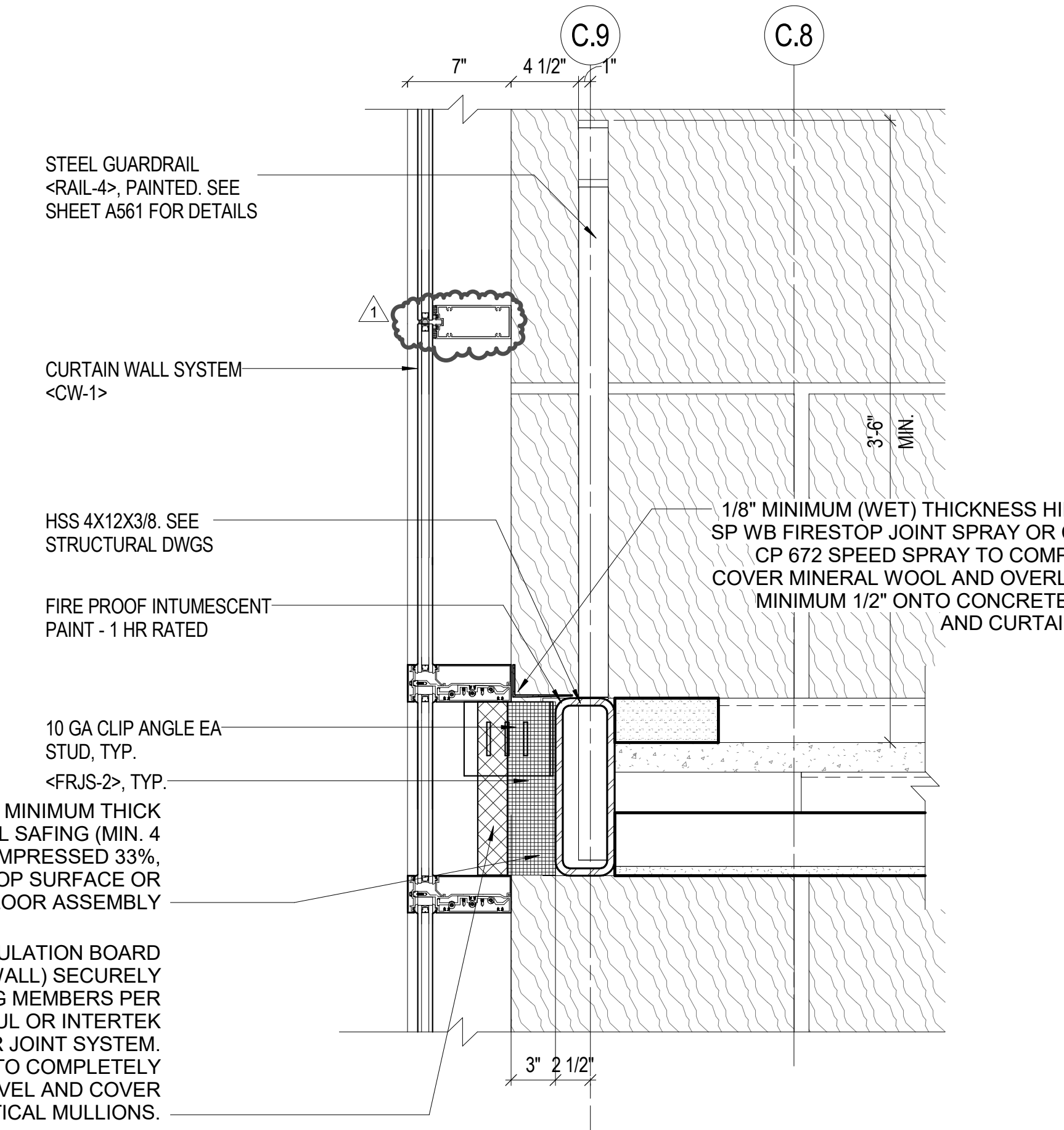
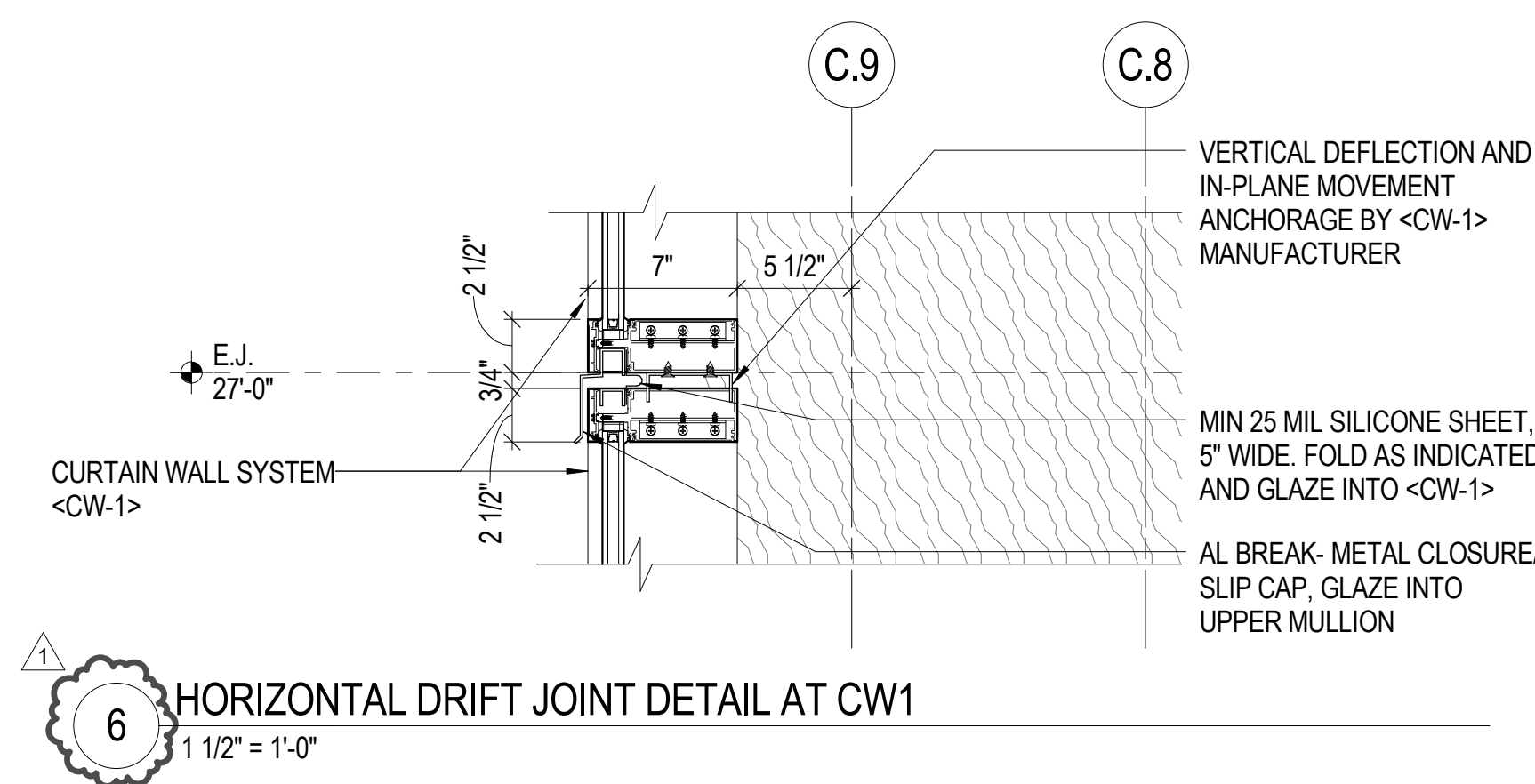
NO.	DESCRIPTION	DATE
1	Addendum 1	8/23/17
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DRAWN BY: TE	REVIEW BY: TE	
HGA NO:	3584-001-00	



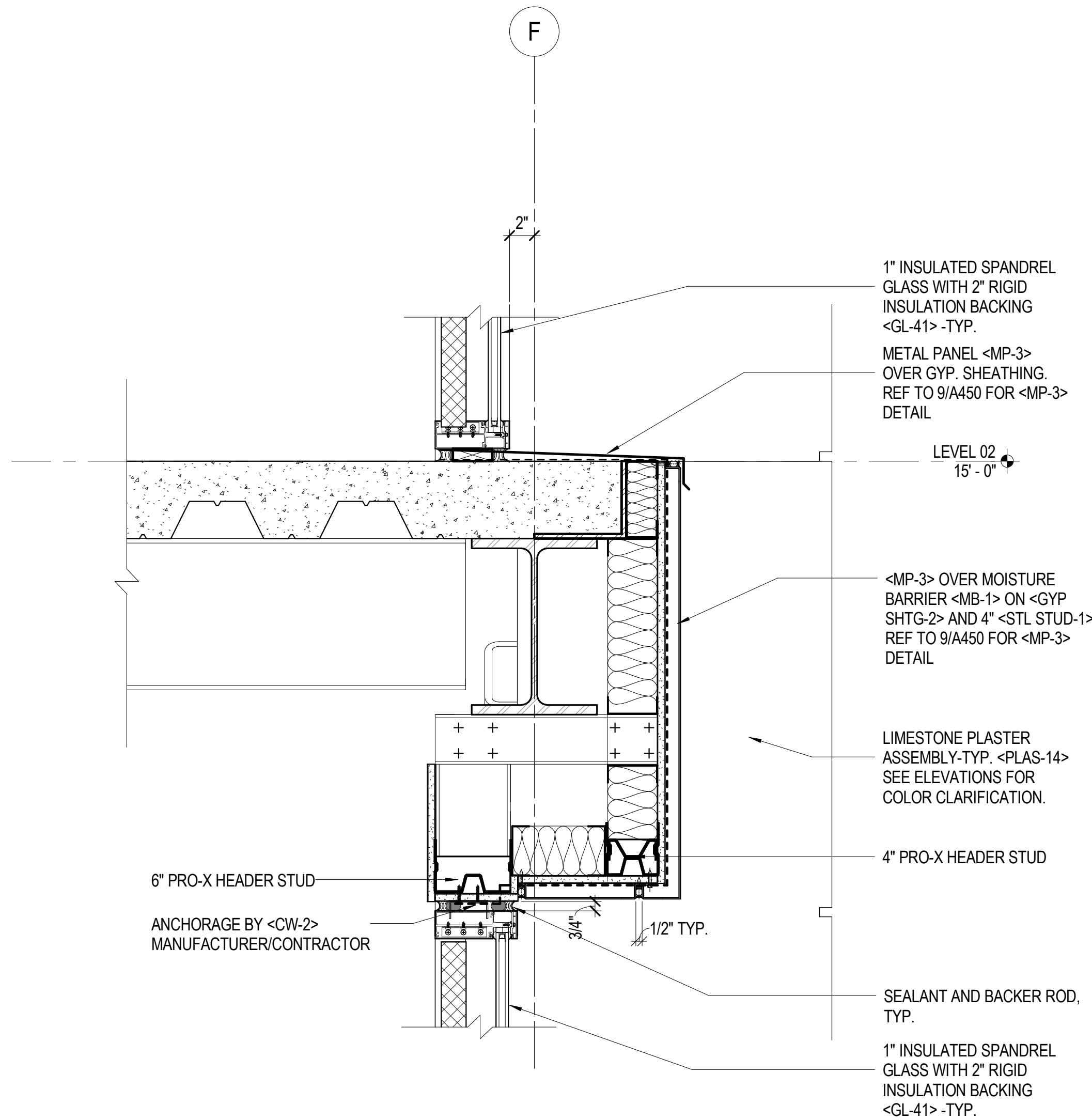
2 EXTERIOR DETAIL AT PARAPET
 1 1/2" = 1'-0"



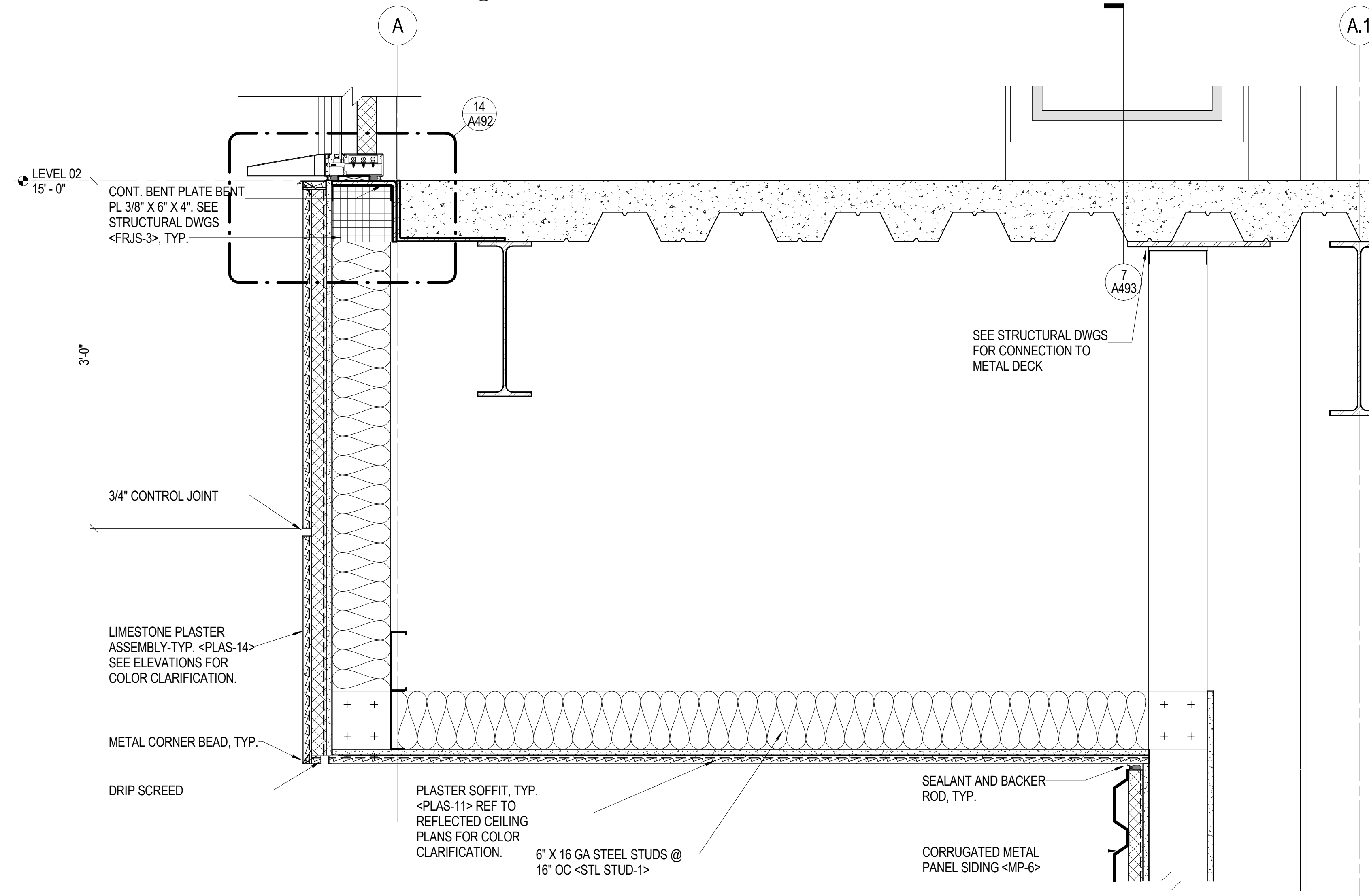
1 EXTERIOR DETAIL AT WINDOW HEAD
 1 1/2" = 1'-0"



4 EXTERIOR DETAIL AT STAIR #3 INTERMEDIATE LANDING
 1 1/2" = 1'-0"



5 EXTERIOR DETAIL
 1 1/2" = 1'-0"



3 EXTERIOR DETAIL PLASTER CEILING
 1 1/2" = 1'-0"

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NAME: JAMES G. MATSON
 DATE: MAY 18, 2017
 REGISTRATION NUMBER: C13038

NO.	DESCRIPTION	DATE
1	Addendum 1	8/23/17

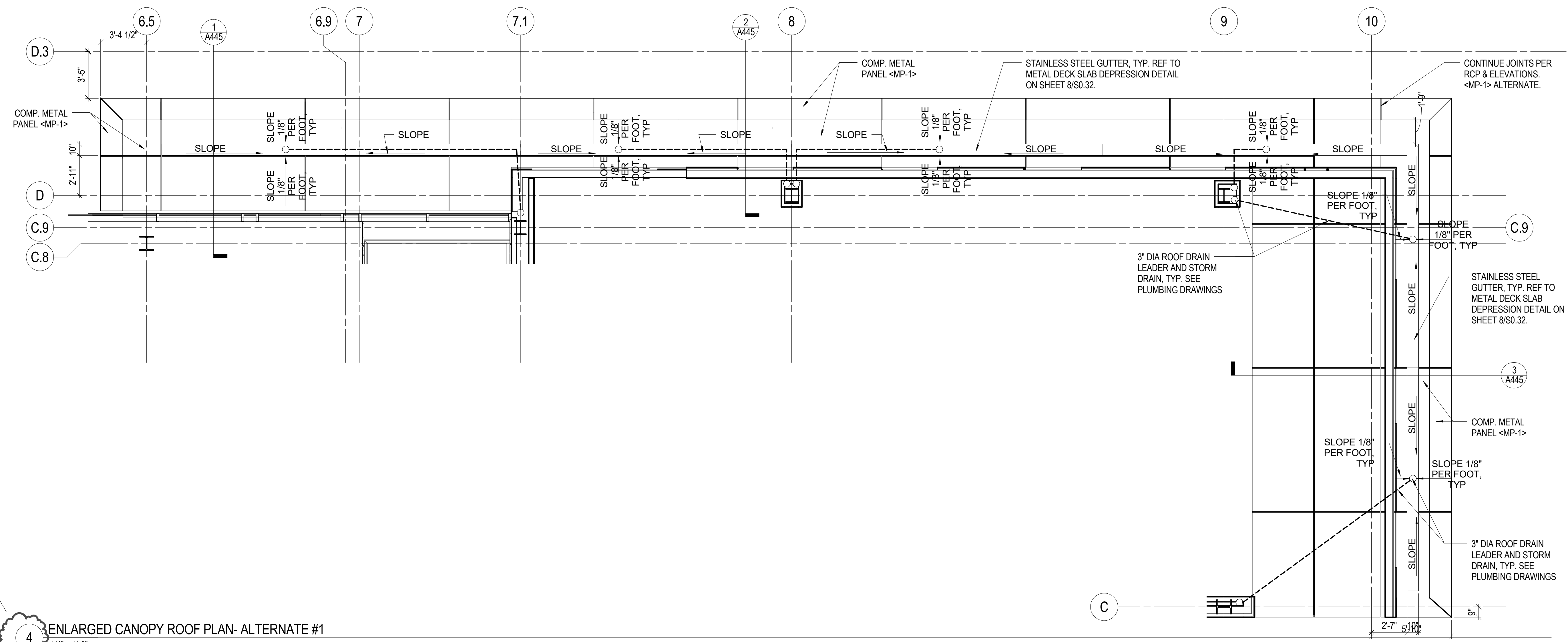
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 HGA NO: 3584-001-00

ALTERNATE #1 - ROOF AT MAIN ENTRANCE CANOPY

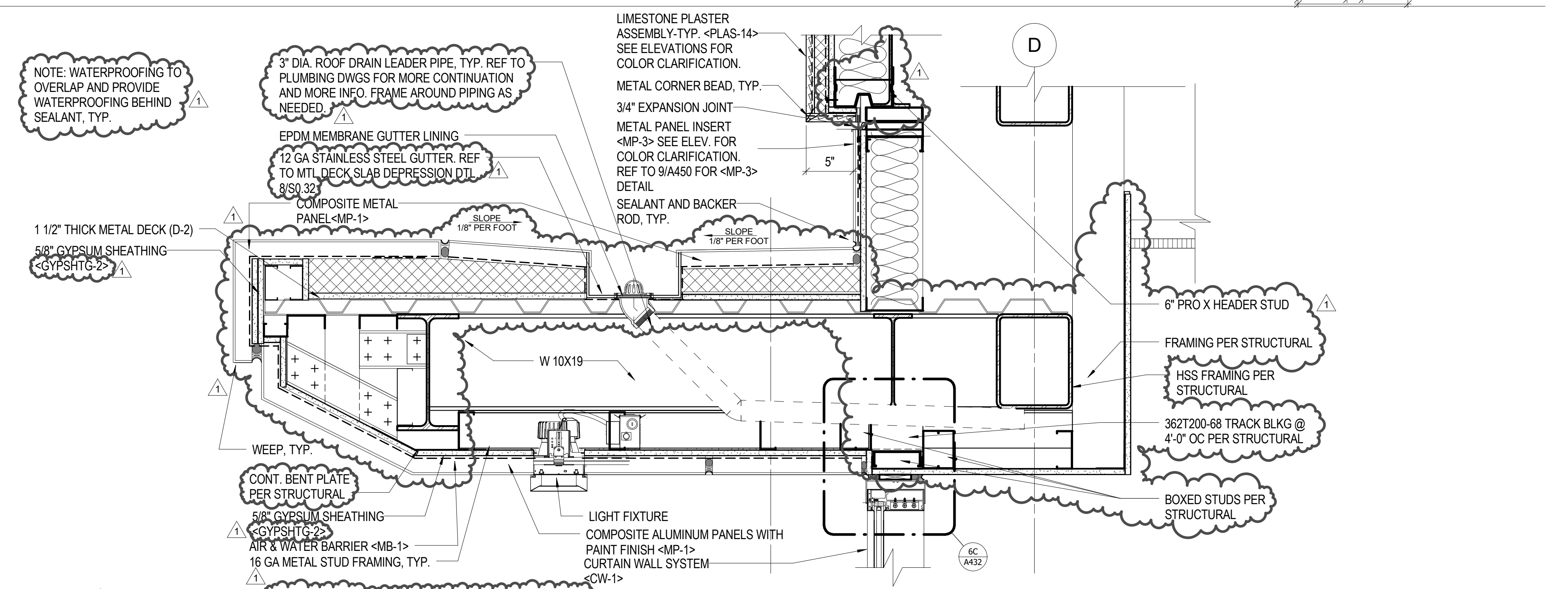
DATE: JULY 06, 2017

A445

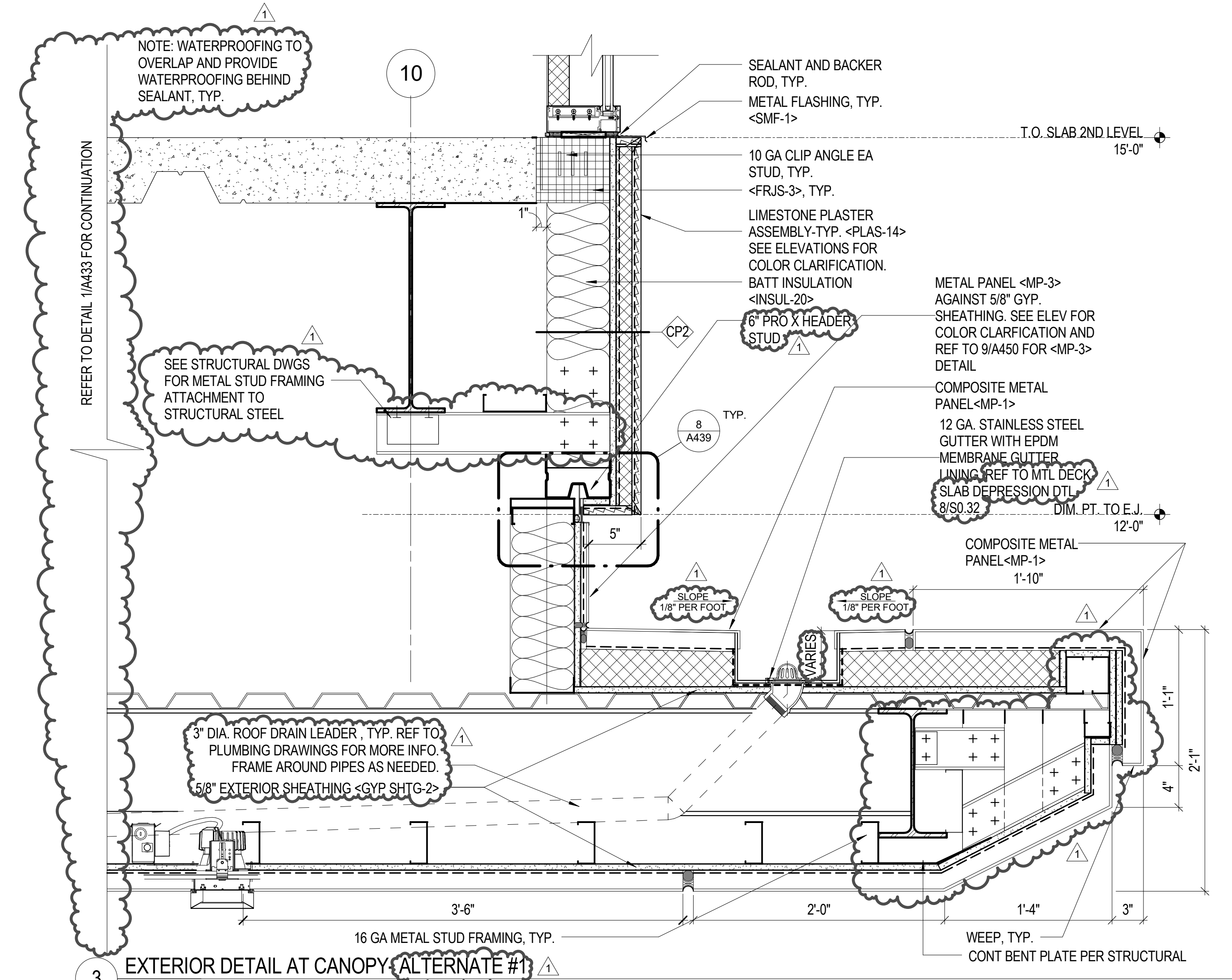
ADDENDA PACKAGE



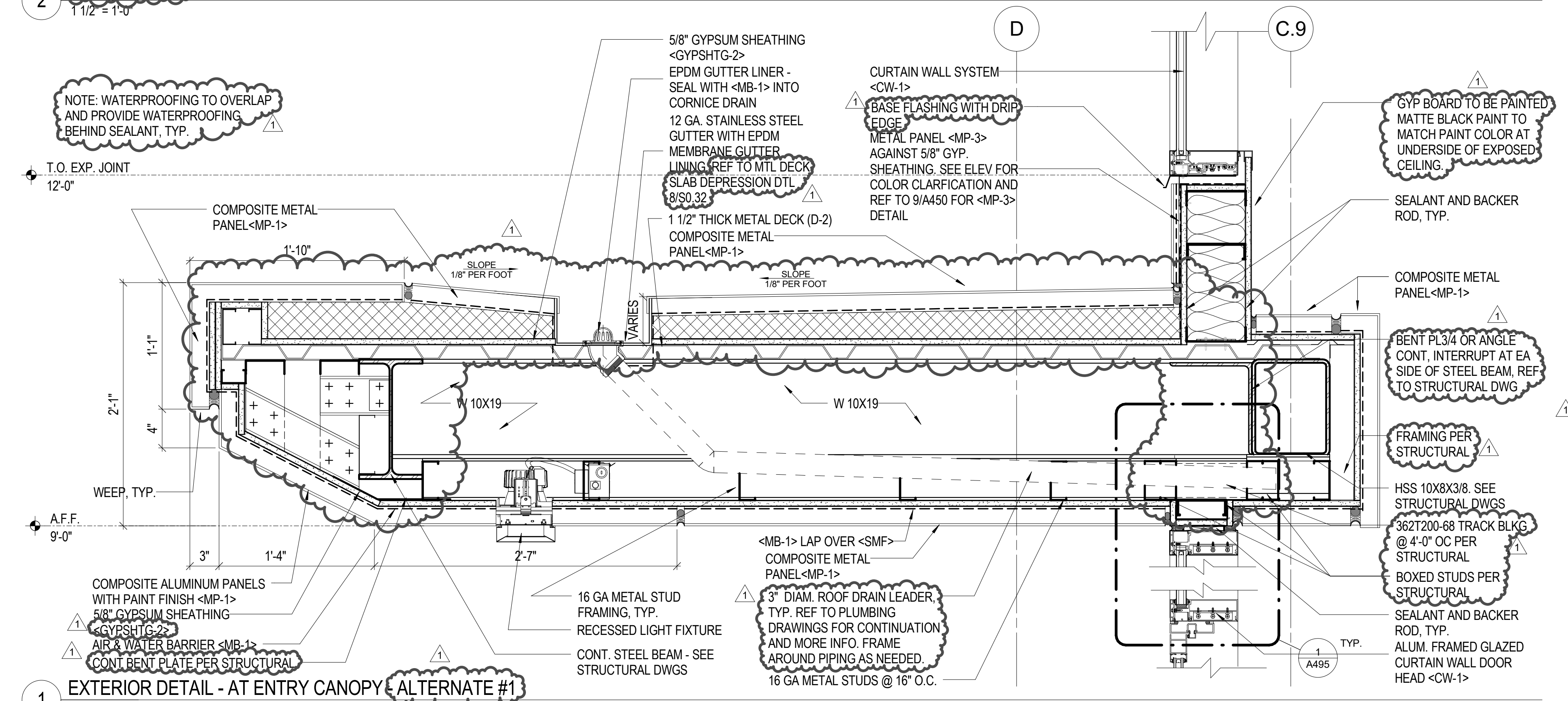
4 ENLARGED CANOPY ROOF PLAN- ALTERNATE #1
 1/4" = 1'-0"



2 EXTERIOR DETAIL - CANOPY AT SCIENCE LEARNING CENTER ALTERNATE #1
 1 1/2" = 1'-0"

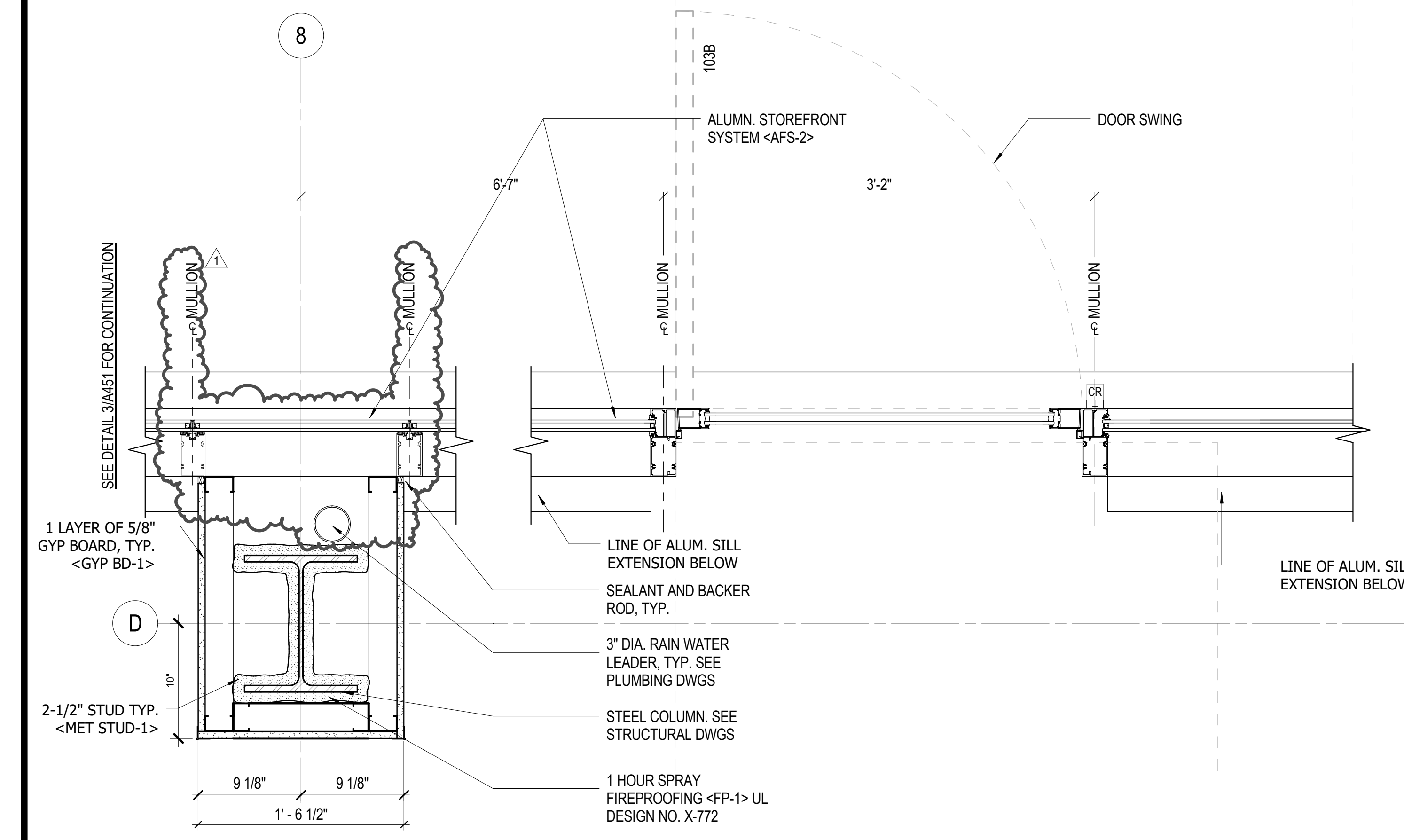


3 EXTERIOR DETAIL AT CANOPY ALTERNATE #1
 1 1/2" = 1'-0"

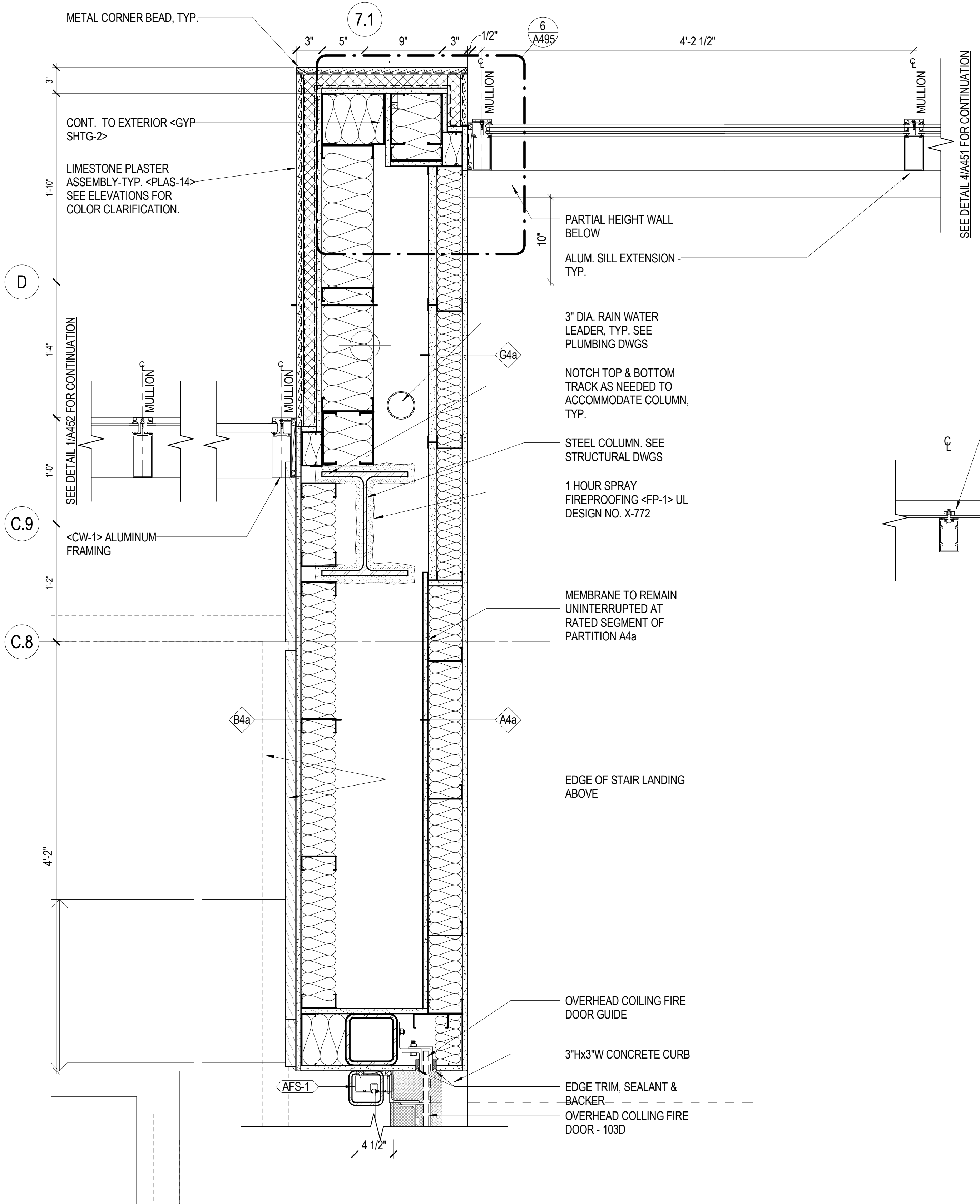


1 EXTERIOR DETAIL - AT ENTRY CANOPY ALTERNATE #1
 1 1/2" = 1'-0"

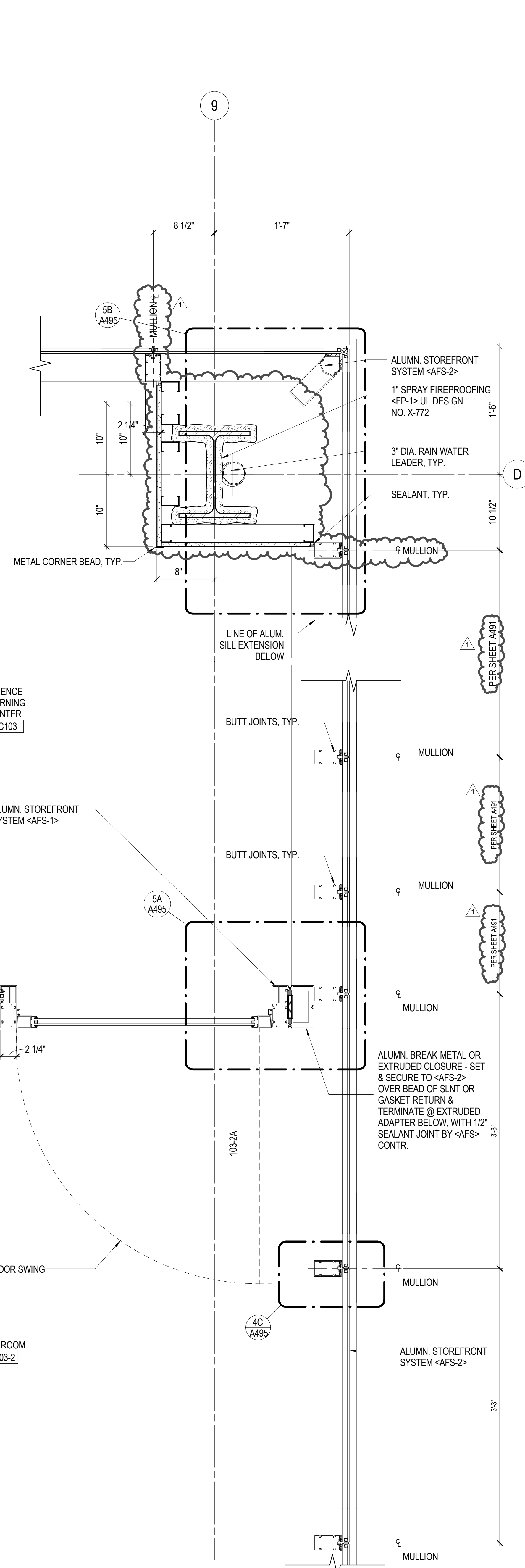
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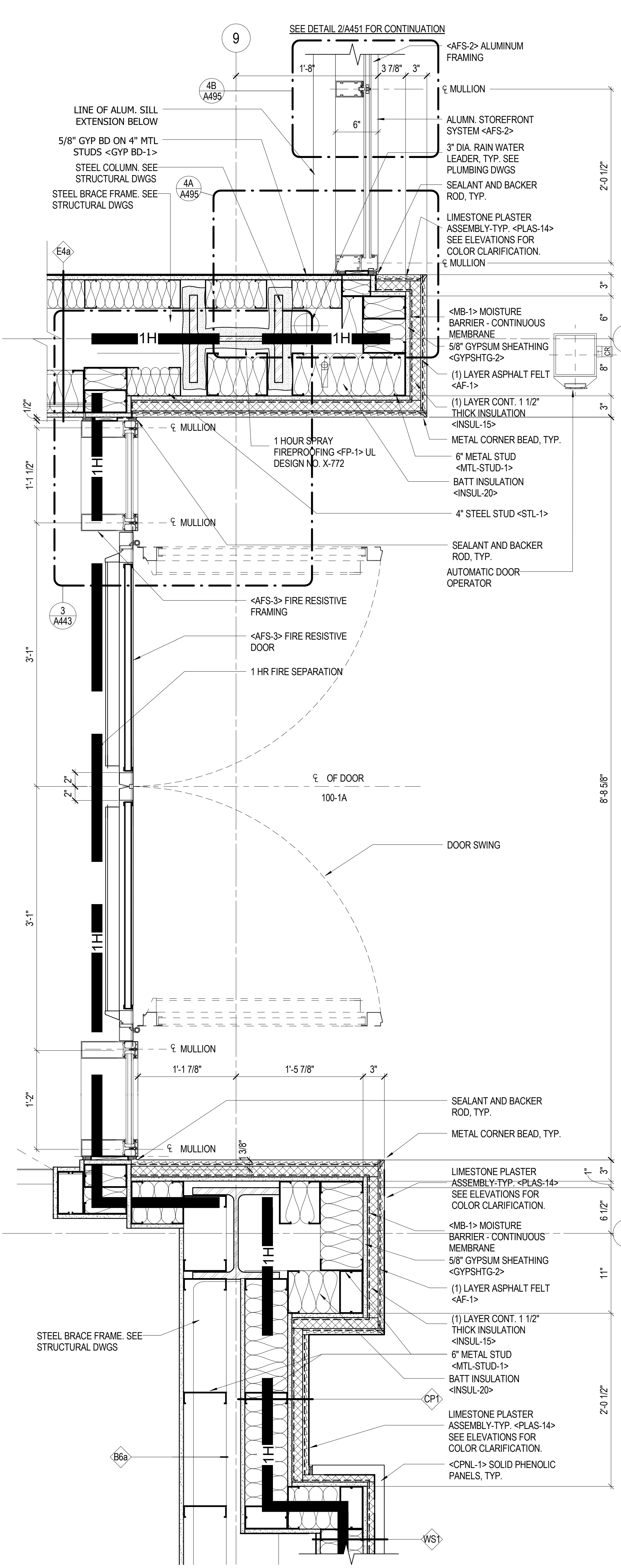
4 COLUMN PLAN DETAIL @ GRID D & 8 - FIRST FLOOR
1 1/2" = 1'-0"



3 COLUMN PLAN DETAIL @ GRID C.1 & 7.1 - FIRST FLOOR
1 1/2" = 1'-0"



2 COLUMN PLAN DETAIL AT GRID C & 9, D & 9 - FIRST FLOOR
1 1/2" = 1'-0"



1 COLUMN PLAN DETAIL @ GRID C & 1.1 - FIRST FLOOR
1 1/2" = 1'-0"



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Santa Monica, California 90405
Telephone 310.557.7600

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RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT

1530 W. 17TH ST.
SANTA ANA, CA 92706



SANTA ANA COLLEGE



NAME: JAMES C. MATSON
DATE: MAY 18, 2017
REGISTRATION NUMBER: C13038

NO.	DESCRIPTION	DATE
1	Addendum 1	8/23/17

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DRAWN BY: RE REVIEW BY: TE
HGA NO: 3584-001-00

EXTERIOR PLAN DETAILS - FIRST FLOOR

DATE: JULY 06, 2017

A451

ADDENDA PACKAGE
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LYNN CAPOUYA, INC.
17992 MITCHELL SOUTH, #110
IRVINE, CA 92614
949-756-0150

LABORATORY CONSULTANT
RESEARCH FACILITIES DESIGN
3965 FIFTH AVE. #400
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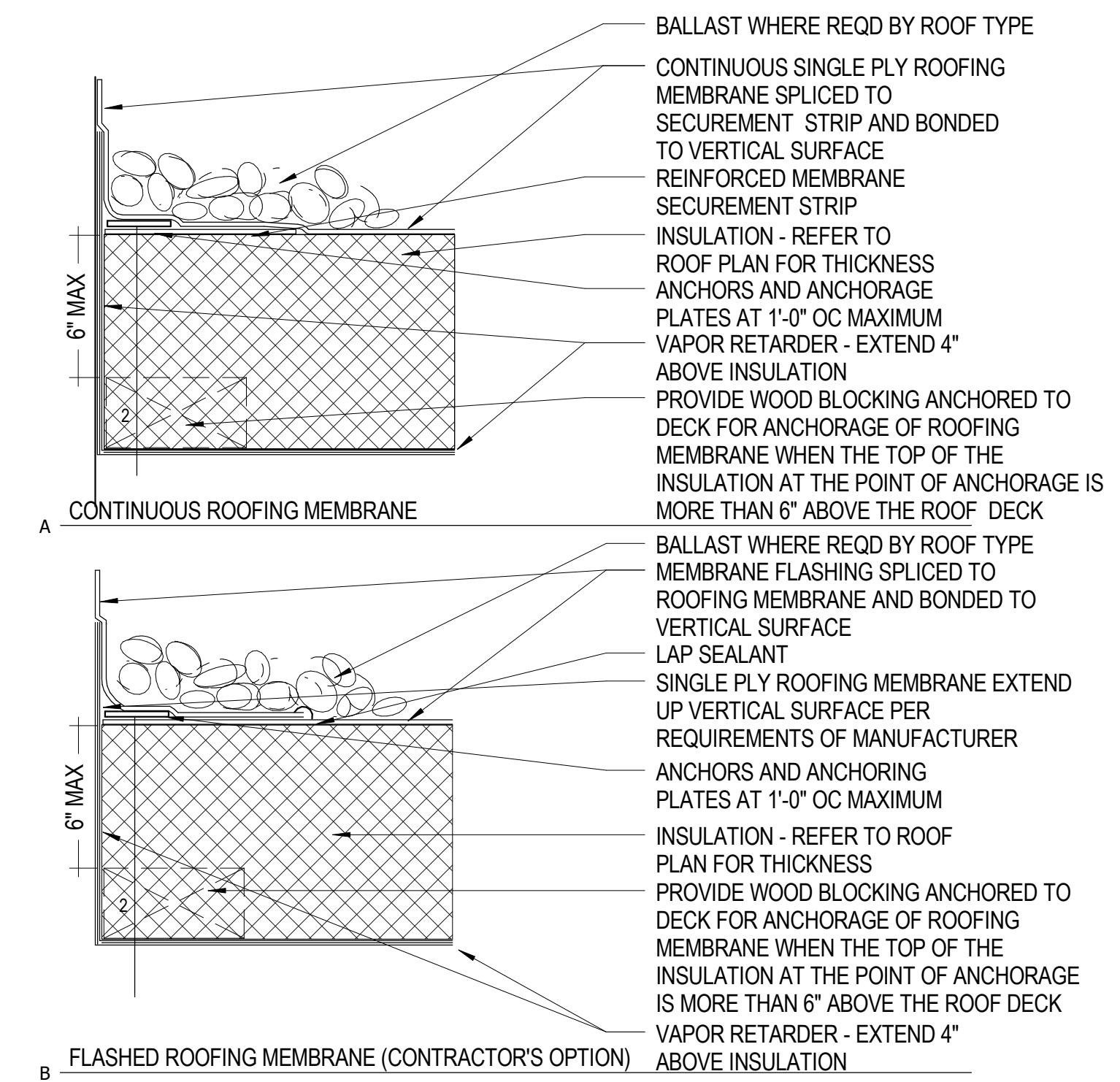


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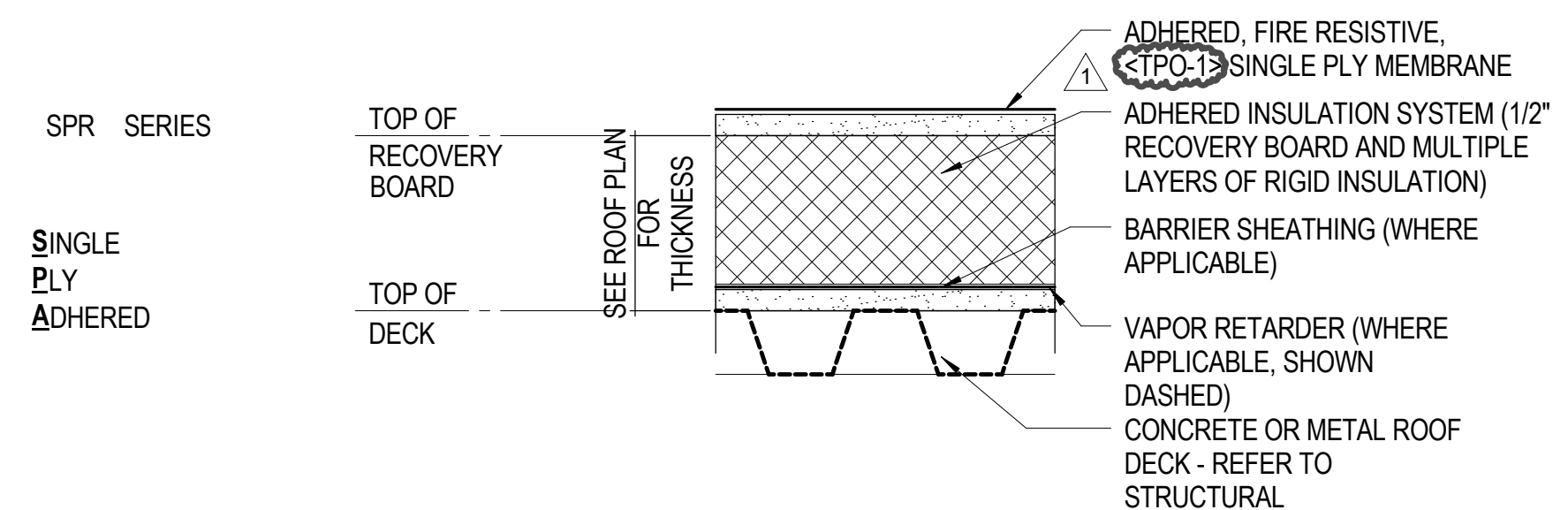


NAME: JAMES S. MATSON
DATE: MAY 18, 2017
REGISTRATION NUMBER: C13030



NOTE: THESE DETAILS ILLUSTRATE GENERAL INFORMATION ONLY REGARDING ROOFING MEMBRANE INSTALLATION. REFER TO THE MANUFACTURER'S DETAILS AND INSTALLATION INSTRUCTIONS FOR SPECIFIC AND COMPLETE INFORMATION.

3 BASE SECUREMENT AT WALL SUPPORTED DECK-SPA SERIES
3" = 1'-0"

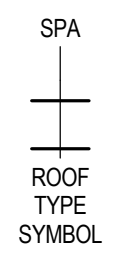


ROOF TYPE	ROOF SYSTEM	ROOFING MEMBRANE (BASE SHEATHING) APPLIED	FINISH	INSUL COVER BOARD	INSULATION TYPE	VAPOR TAPER RETARDER	ROOF DECK TYPE	ROOF DECK BARRIER	NOTES	
SPA-1	SINGLE PLY TPO	ADHERED	GRANULAR	NA	POLYISO W/FACER	YES	NONE	METAL	NONE	1
SPA-2	SINGLE PLY TPO	ADHERED	GRANULAR	12" GYP SHTG-2x	POLYISO W/FACER	NO	NONE	METAL	NONE	1,2

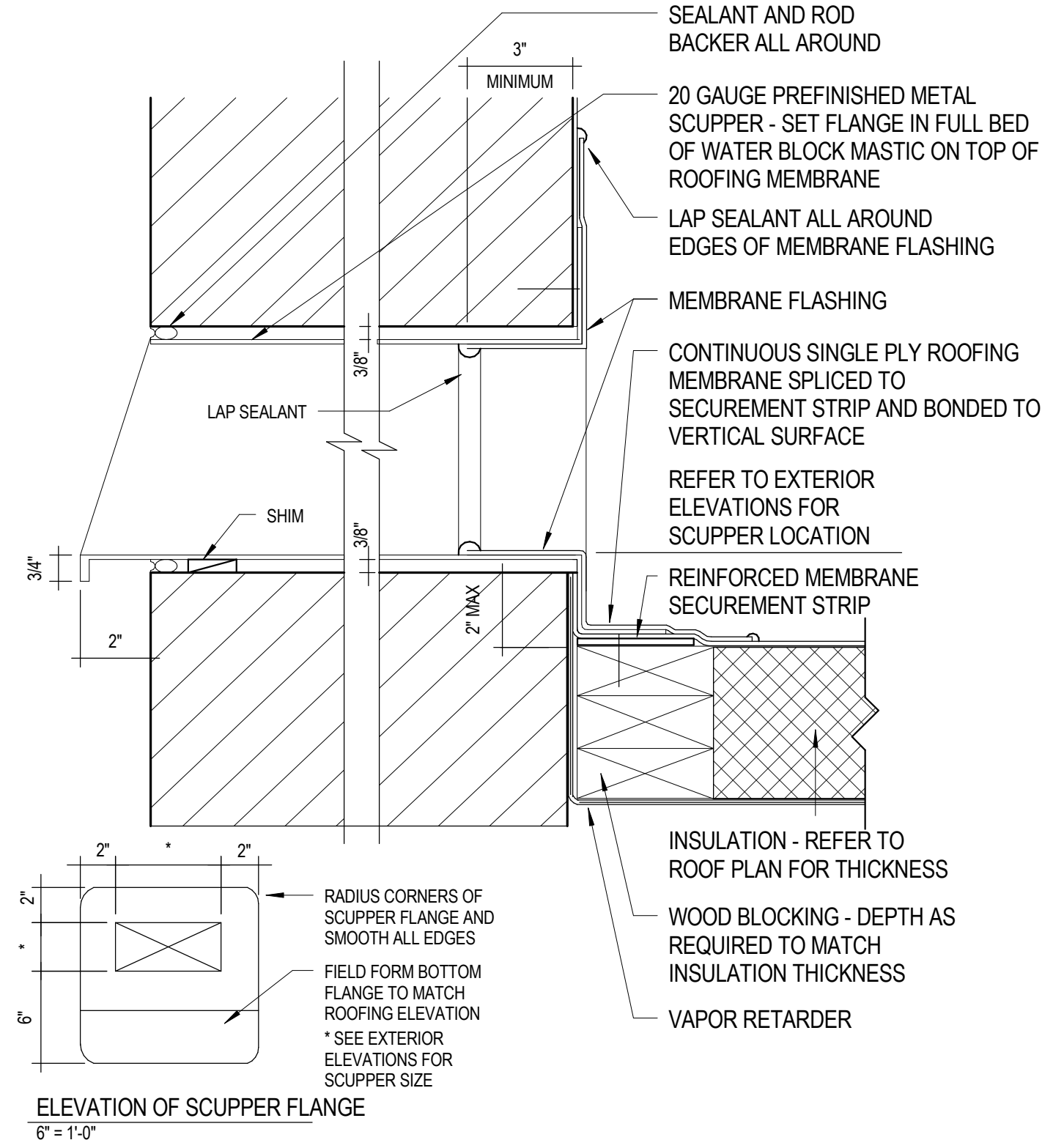
IMPORTANT! VERIFY SYSTEMS, PRODUCTS, AND EXECUTION IN SPECIFICATIONS.

- NOTES:
1. FOLLOW ALL MFR'S REQUIREMENTS FOR MATERIALS AND INSTALLATION TO MAINTAIN WARRANTY.
2. INSTALL VAPOR CONTROL DIRECTLY OVER CONG DECK AND/OR BARRIER STRIPS FASTENED TO DECK.
3. SEE ROOF PLANS FOR INSUL THICKNESS AND SLOPE AT TAPERED INSUL LOCATIONS.
4. SEE SPECIFICATION AND ROOF PLAN FOR AVERAGE INSULATION R VALUES AND THICKNESS, IF NOT INDICATED ON ROOF PLAN.

NOTE TO DETAILER: MANUFACTURER'S WARRANTY WILL VARY BASED ON SYSTEM AND PRODUCT SELECTION. REVIEW SPECIFIC MANUFACTURER'S REQUIREMENTS FOR LENGTH OF WARRANTY. ALSO SOME MANUFACTURERS HAVE ADDITIONAL SYSTEMS INCLUDING MECHANICALLY FASTENED, PLUS A NUMBER OF INSULATION COVER BOARDS. FINISH COATING PRODUCTS REVIEW SPECIFIC PROJECT REQUIREMENT W/ SYSTEM SUPPLIER FOR MOST APPROPRIATE ASSEMBLY.



2 ROOF TYPES - SPA SERIES
1 1/2" = 1'-0"



1 SCUPPER-WALL AND ROOF SUPPORTED- SPA SERIES
3" = 1'-0"

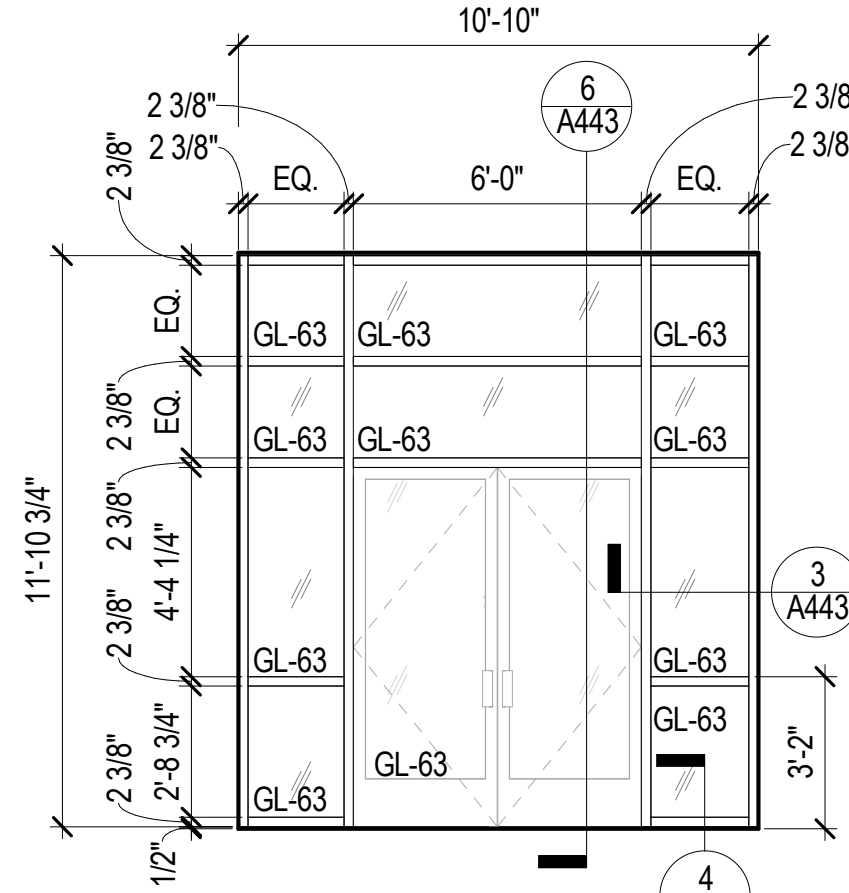
NO	DESCRIPTION	DATE
1	Addendum 1	8/23/17

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HGA NO: 3584-001-00

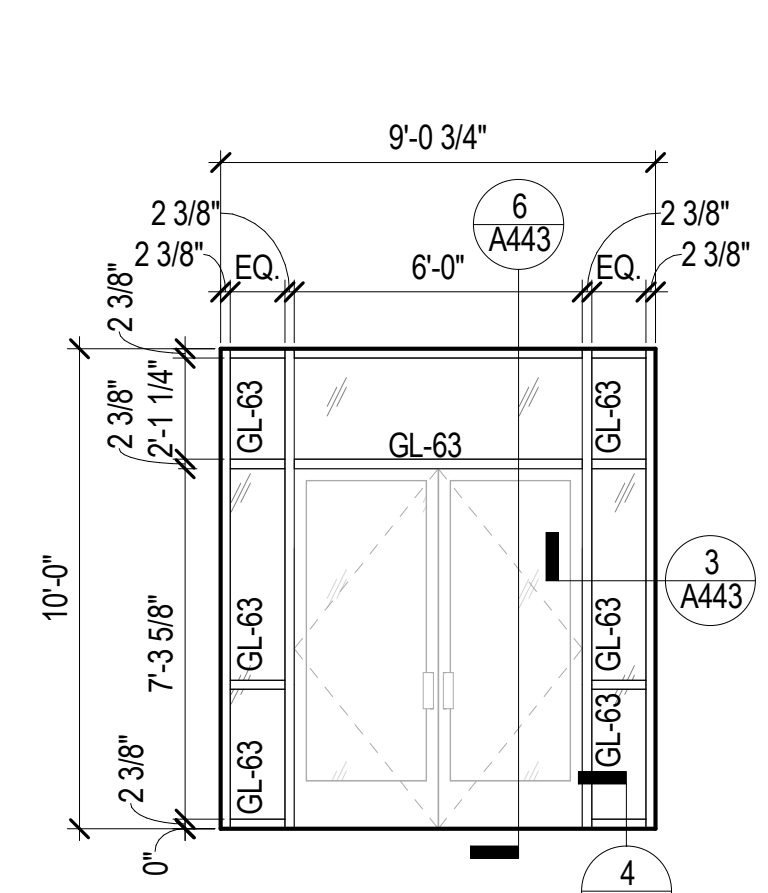
SINGLE PLY ROOF DETAILS - SPA

DATE: JULY 06, 2017

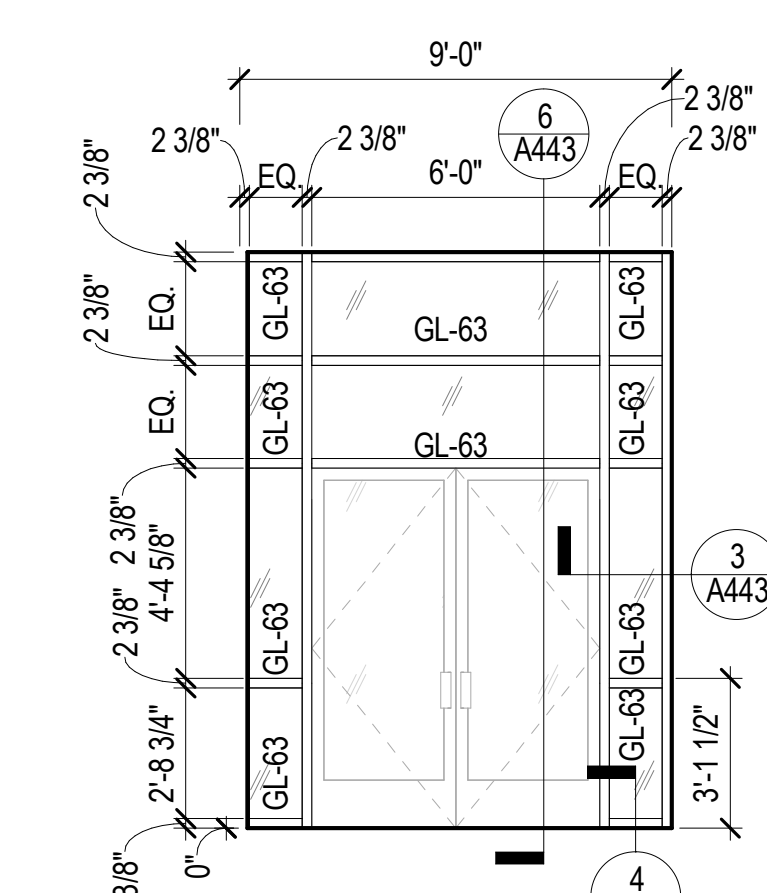
A481



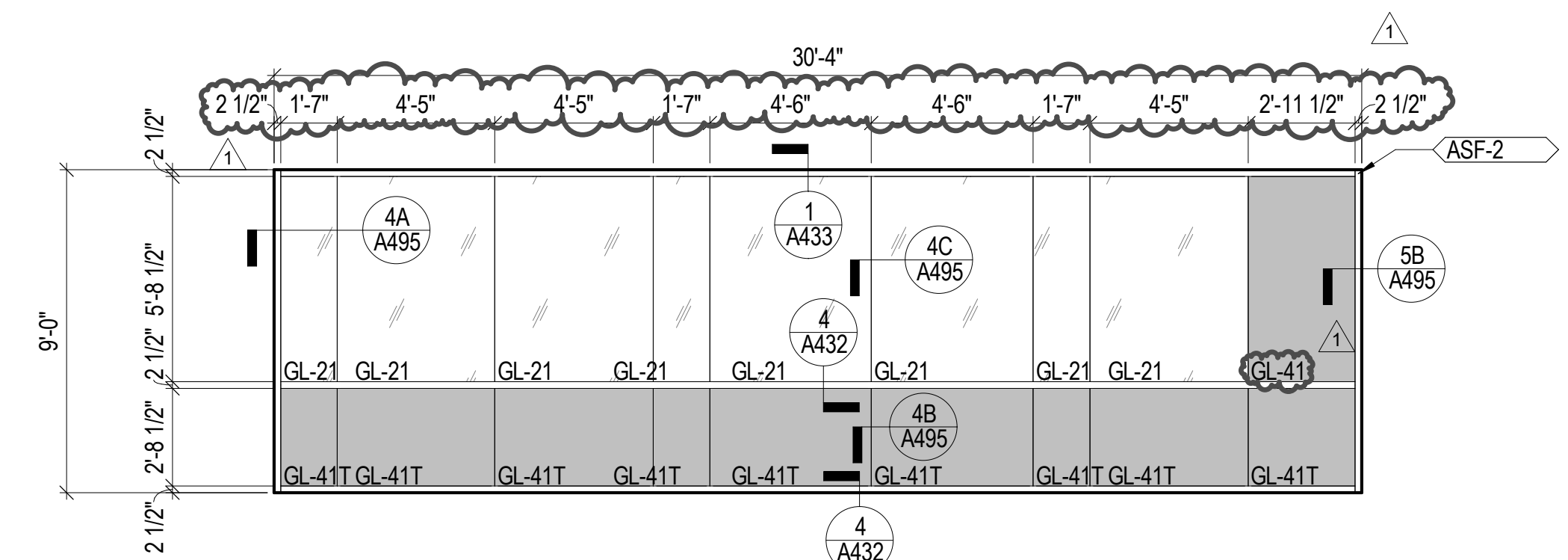
9 SF5
1/4" = 1'-0"



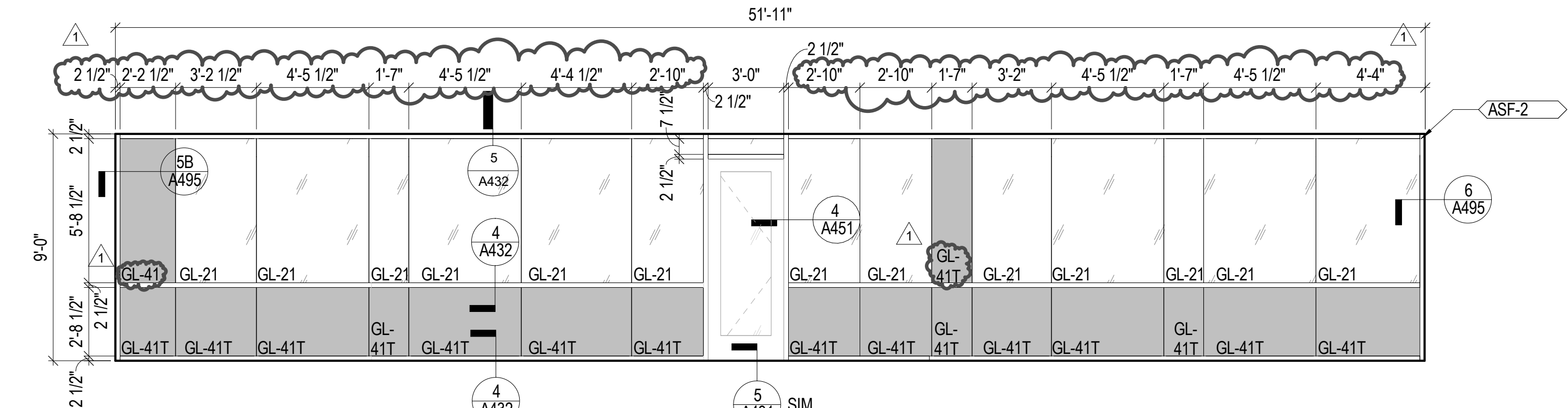
7 SF4
1/4" = 1'-0"



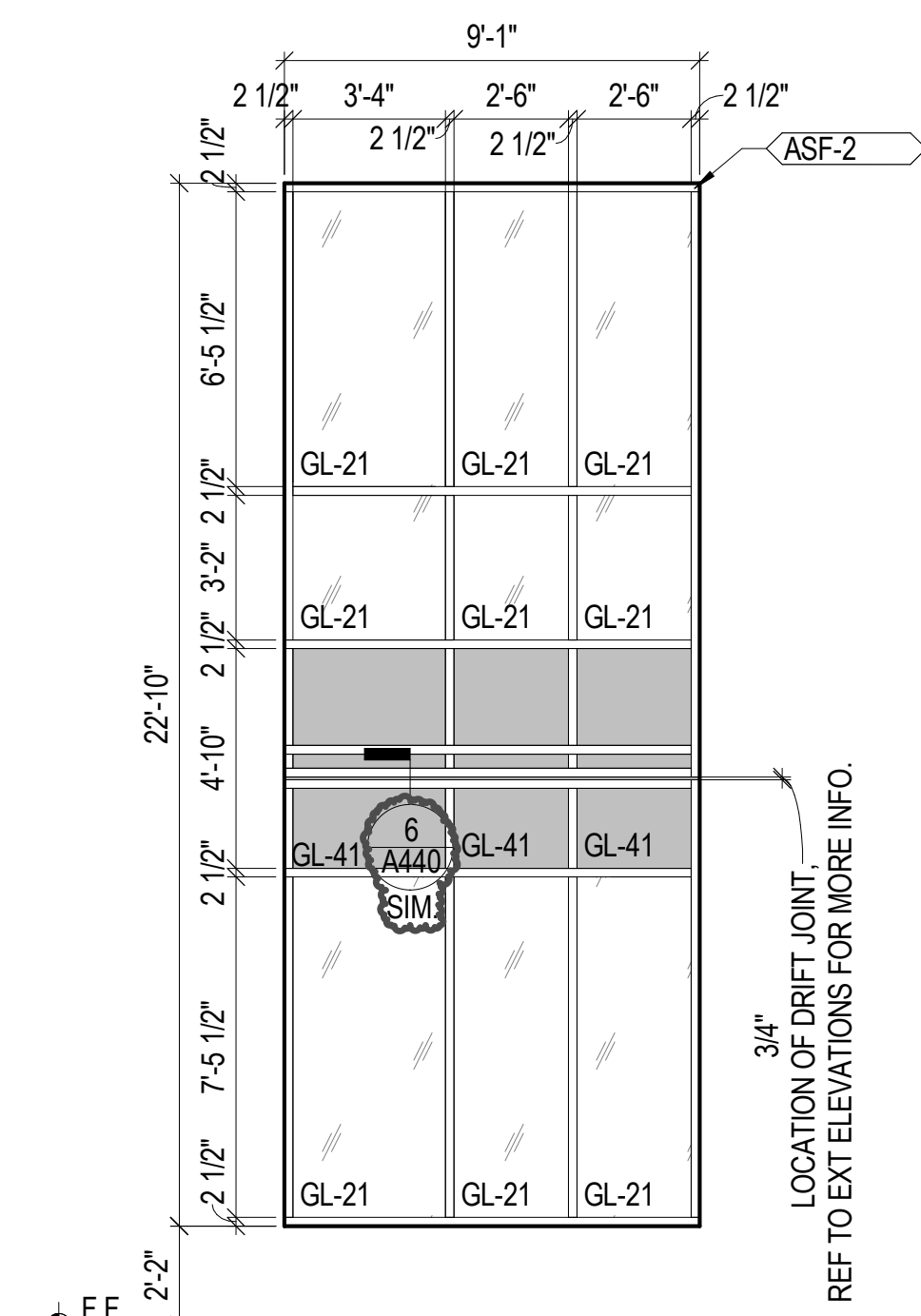
6 SF3
1/4" = 1'-0"



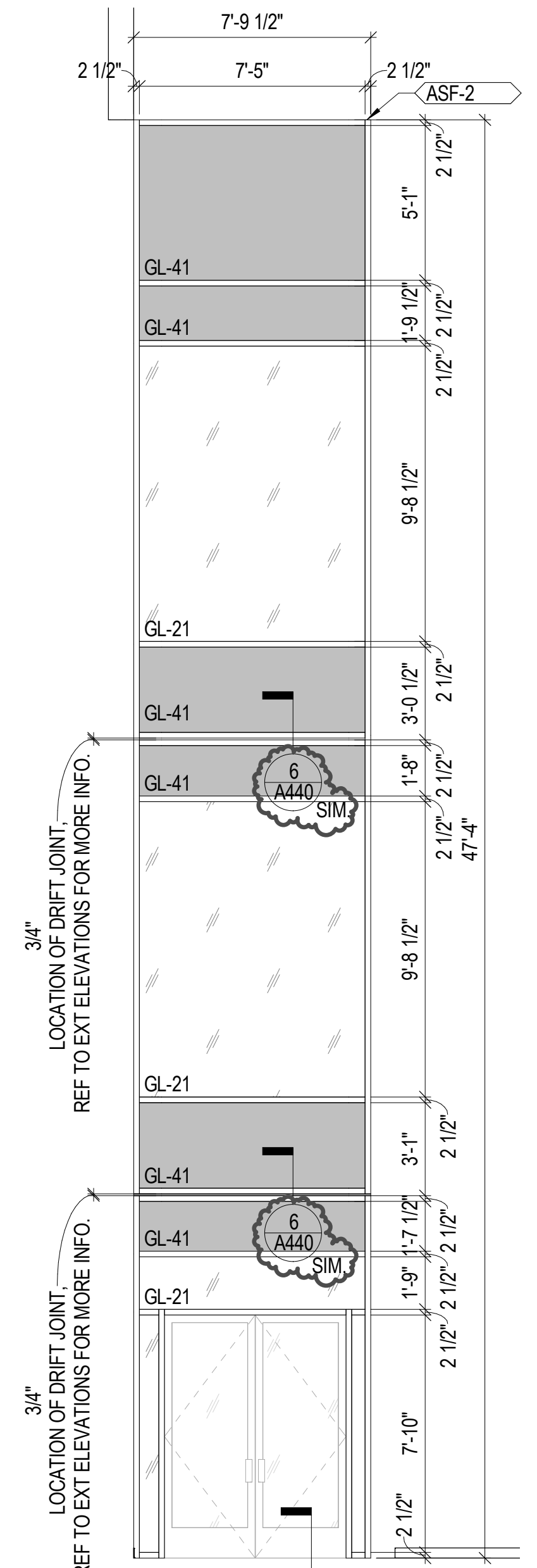
5 SF2
1/4" = 1'-0"



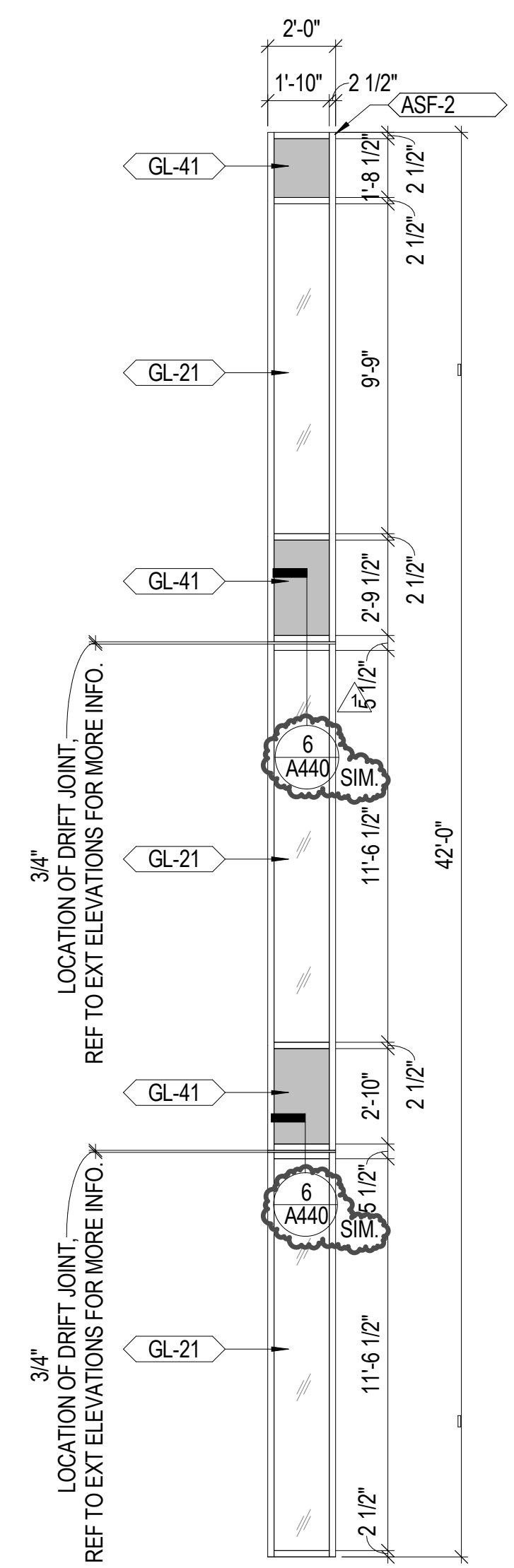
4 SF1
1/4" = 1'-0"



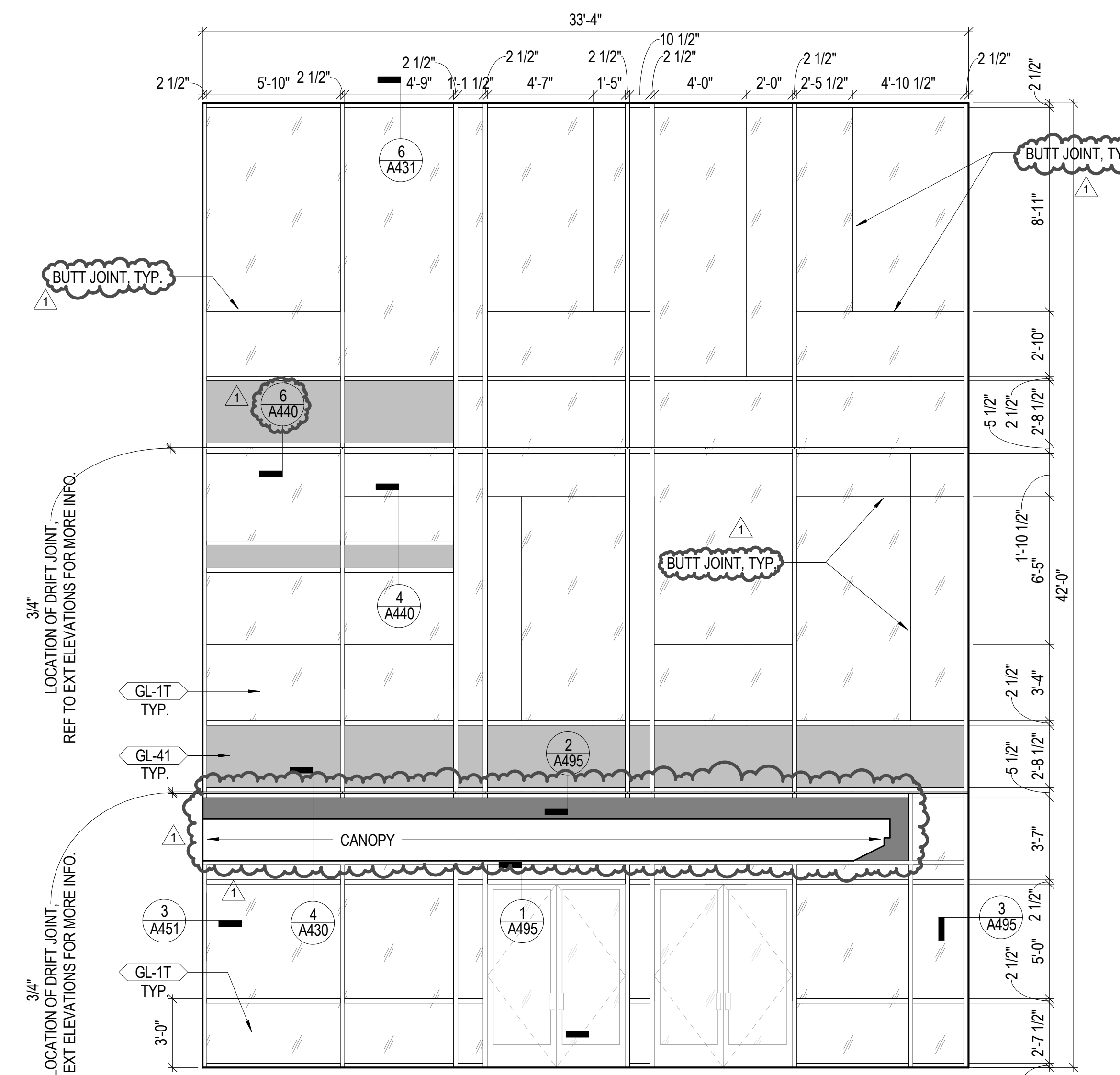
10 CW4
1/4" = 1'-0"



3 CW3
1/4" = 1'-0"



2 CW2
1/4" = 1'-0"



1 CW1
1/4" = 1'-0"

NOTE: ALL EXTERIOR GLASS WITHIN STOREFRONT, WINDOW, OR CURTAINWALL SYSTEMS TO BE LAMINATED GLASS IF LOCATED BELOW 15'-0".

STRUCTURAL ENGINEER
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NAME: JAMES G. MATSON
DATE: MAY 18, 2017
REGISTRATION NUMBER: C13038

NO.	DESCRIPTION	DATE
1	Addendum 1	8/23/17

ISSUANCE HISTORY - THIS SHEET
DRAWN BY: MS REVIEW BY: Approved
HGA NO: 3584-001-00

WINDOW AND CURTAIN WALL TYPES

DATE: JULY 06, 2017

A491

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 626-304-2616

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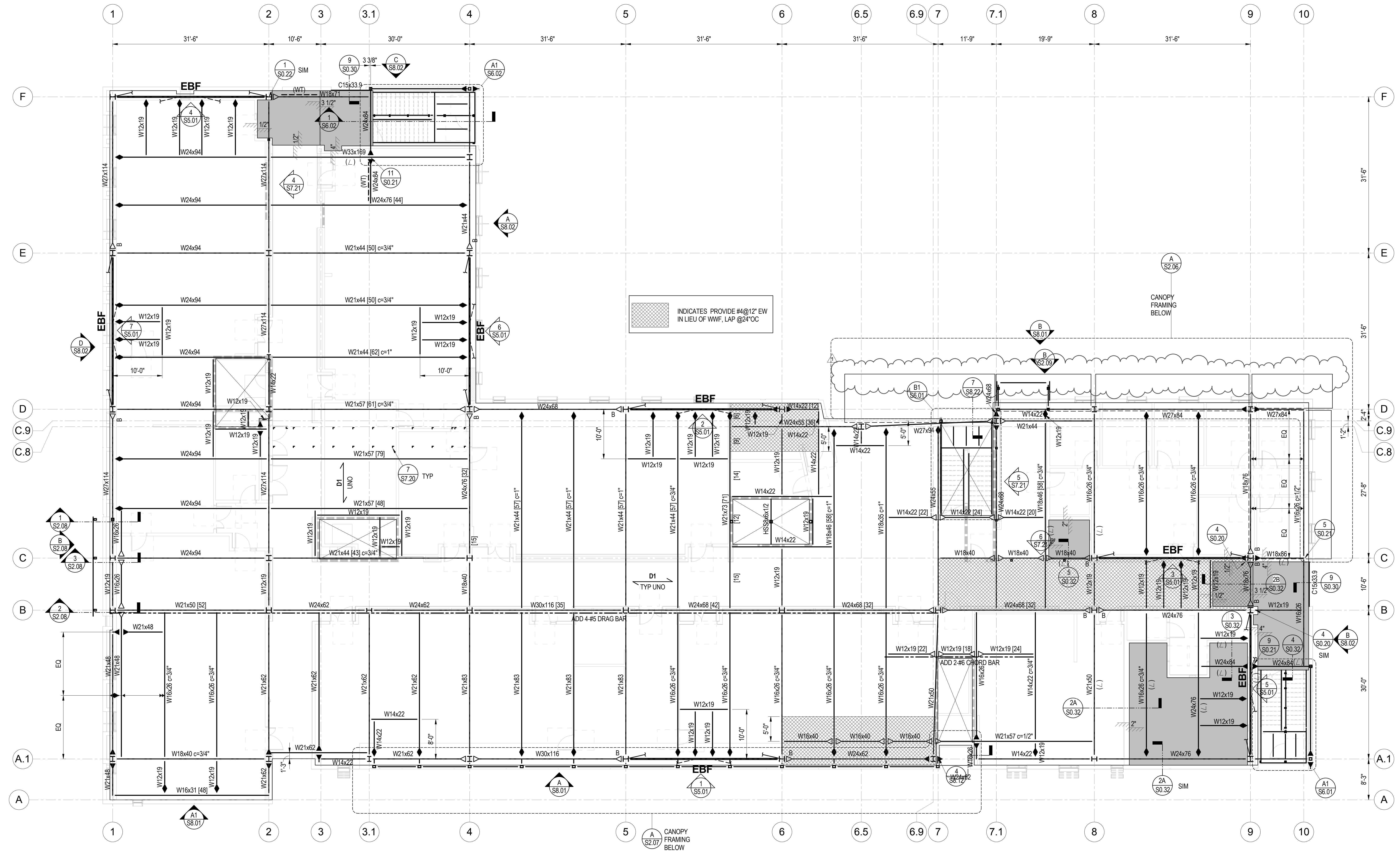
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REGISTERED PROFESSIONAL ENGINEER
 STATE OF CALIFORNIA
 No. SA0093
 Exp. 12/31/18
 REGISTRATION NUMBER: SA0093

NAME: YENI KEONG LOW
 DATE: DECEMBER 31 2018



INDICATES PROVIDE #4@12" EW
 IN LIEU OF WWF, LAF @24"OC

CANOPY
 FRAMING
 BELOW

CANOPY
 FRAMING
 BELOW

1 LEVEL 02 FRAMING PLAN
 1/8" = 1'-0"

- FLOOR / ROOF FRAMING PLAN NOTES**
- FOR GENERAL NOTES AND TYPICAL DETAILS SEE S0.00X SERIES SHEETS.
 - VERIFY ALL DIMENSIONS PRIOR TO START OF WORK. SEE ARCHITECTURAL DRAWINGS FOR REMAINDER OF DIMENSIONS NOT SHOWN ON THIS PLAN.
 - SEE ARCHITECTURAL DRAWINGS FOR CONCRETE SLAB ELEVATIONS, DEPRESSIONS, SLOPES, OPENINGS, CURBS, DRAINS, TRENCHES, SLAB EDGE LOCATIONS, ETC., AND FOR WALL OVERALL DIMENSIONS, LOCATIONS OF OPENINGS, ETC., NOT INDICATED ON STRUCTURAL DRAWINGS.
 - ALL COLUMNS SHALL BE CENTERED ON GRIDLINES UNLESS NOTED OTHERWISE.
 - BEAMS ARE SPACED EQUALLY BETWEEN COLUMNS AND GIRDERS UNO.
 - TOP OF STRUCTURAL STEEL ELEVATION (TOS) SHALL BE FROM TOP OF SLAB DATUM ELEVATION MINUS TOTAL SLAB THICKNESS (T) PER TYPICAL METAL DECK CONSTRUCTION SCHEDULE, UNLESS NOTED OTHERWISE. SEE ARCHITECTURAL DRAWINGS A204 FOR THE TOP OF STRUCTURAL SLAB ELEVATION.
 - THE LENGTH AND WIDTH OF THE FLOOR, ROOF, AND WALL PENETRATIONS SHALL BE 6 INCHES LARGER THAN THE MECHANICAL DUCTS.
 - EBF AND DRAG BEAMS ARE PART OF SLRS.
 - UNLESS NOTED OTHERWISE PROVIDE 3/4" DIA HEADED SHEAR STUDS ICC-ESR-2856 @12" (MAX SPACING) FOR ALL BEAMS AND GIRDERS THAT SUPPORT STRUCTURAL CONCRETE.

FLOOR / ROOF FRAMING PLAN SYMBOLS		
PLAN SYMBOL	DESCRIPTION	DETAIL REFERENCE
	INDICATES ECCENTRIC BRACE FRAME, SEE ELEVATION AND TYPICAL DETAILS ON S5.XX SERIES SHEETS	
	INDICATES BEAM TO COLUMN MOMENT CONNECTION, FOR NON-FRAME CONNECTIONS.	3 (S0.20)
	INDICATES BEAM TO BEAM MOMENT CONNECTION.	2 (S0.21) & 8 (S0.21)
	INDICATES BEAM STIFFENER CONNECTION.	1E (S0.20)
	INDICATES DRAG BEAM CONNECTION.	4 (S0.20)
	INDICATES DIRECTION OF METAL DECKING AND SLAB CONSTRUCTION.	3 (S0.30)

PLAN SYMBOL	DESCRIPTION	DETAIL REFERENCE
	INDICATES DIAGONAL ANGLE BRACE.	1 (S0.21)
	INDICATES BEAM BROKEN-BACK CONNECTION	4 (S0.21)
[XX]	INDICATES STUDS ON BEAM	1 (S0.30)
(L)	INDICATES LEDGER ANGLE ON BEAM	7 (S0.30)
(WT)	INDICATES STRUCTURAL TEE ON BEAM.	6 (S0.30)
	INDICATES MECHANICAL PAD	8 (S0.30) OR 1 (S0.32)
	INDICATES SLAB DEPRESSION, VERIFY W/ ARCH	

NO.	DESCRIPTION	DATE
1	ADDENDUM 1	8/23/17

ISSUANCE HISTORY - THIS SHEET
 DRAWN BY: Author REVIEW BY: Approved
 HGA NO: 3584-001-00

SECOND LEVEL FRAMING PLAN

DATE: JULY 06, 2017

8/22/2017 10:16:46 AM C:\Users\stahill\Documents\1714_SAC_S2_S19_Abrahamson.rvt



1918 Main Street, Third Floor
Santa Monica, California 90405
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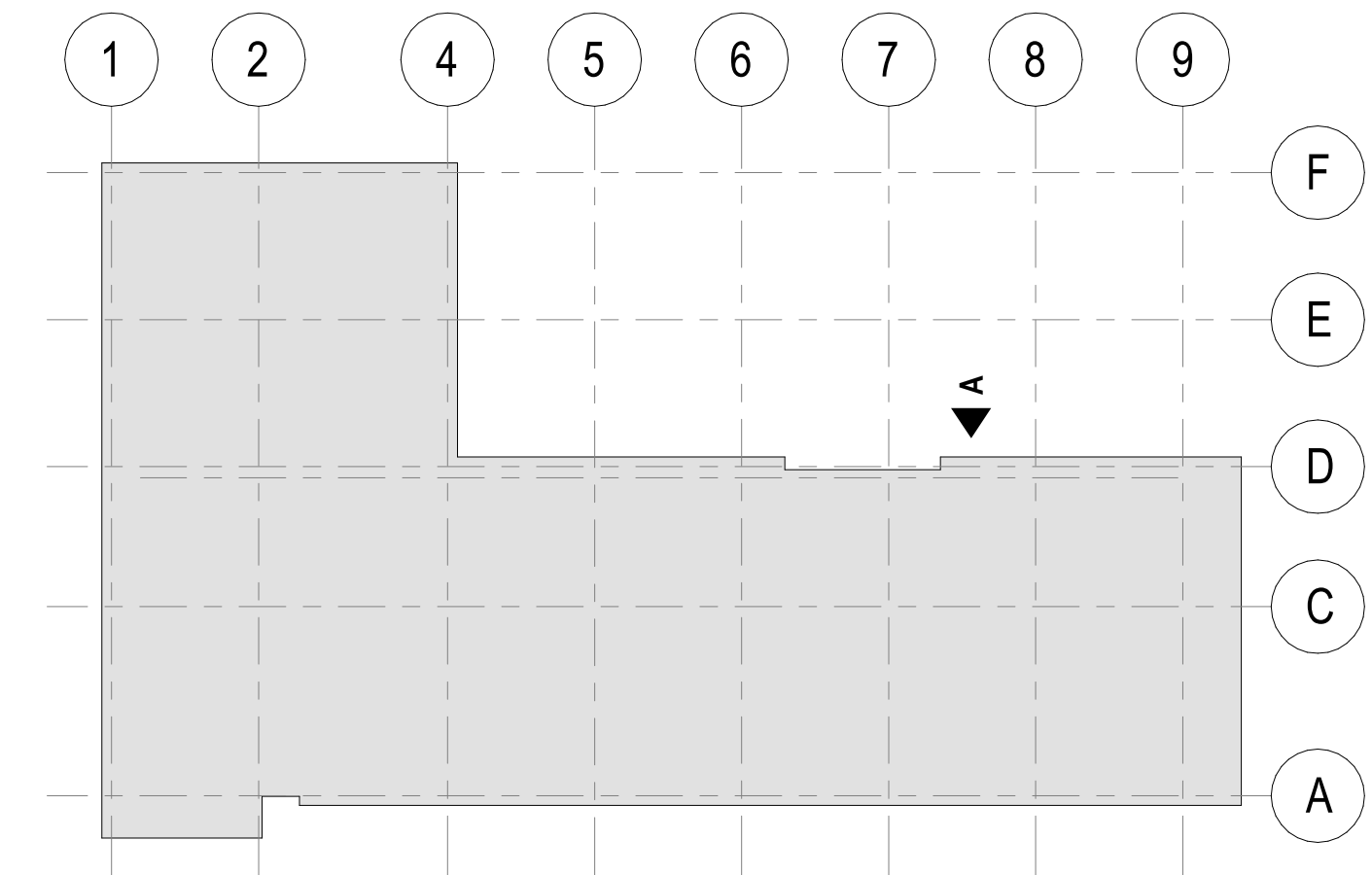


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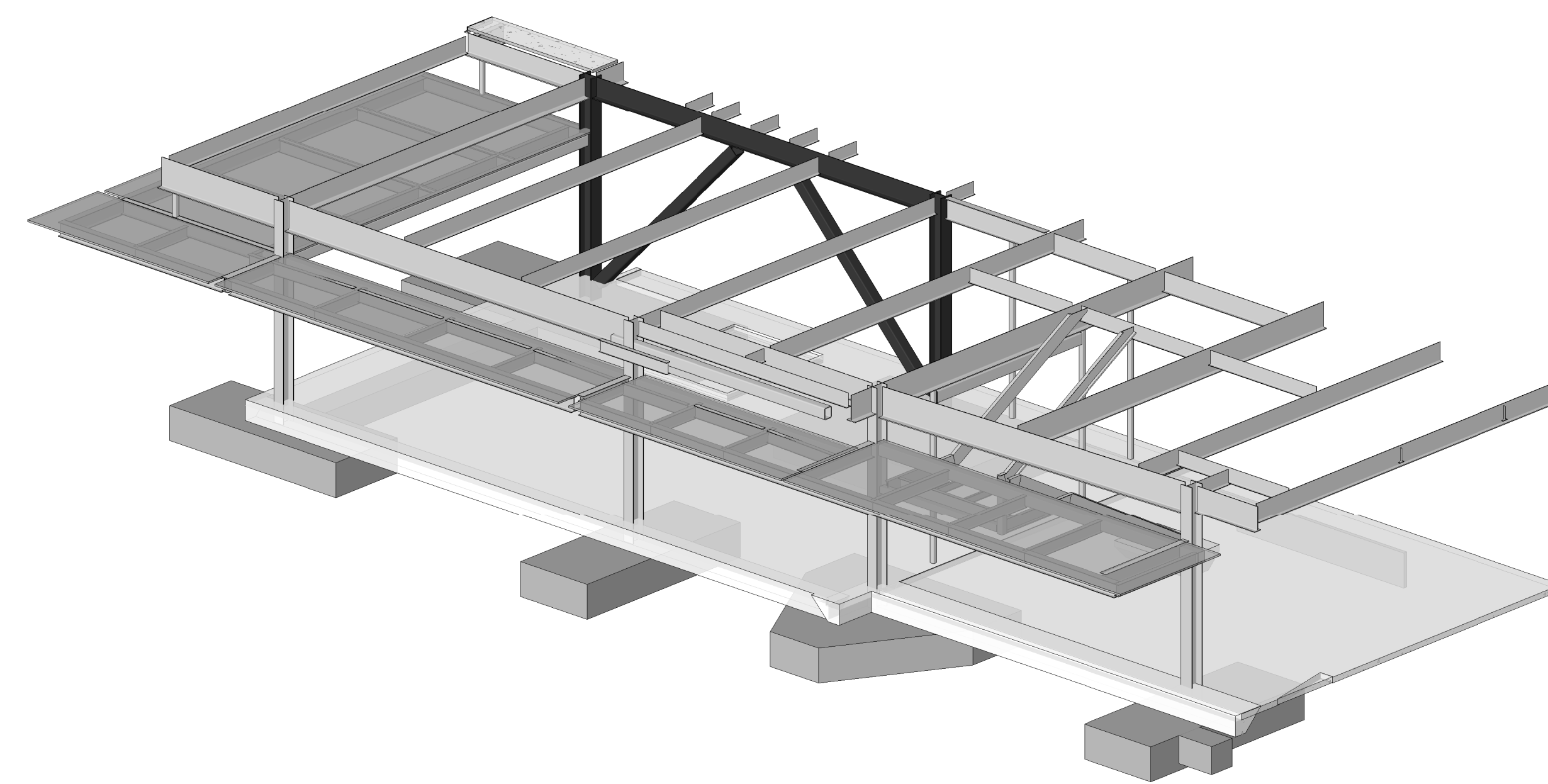
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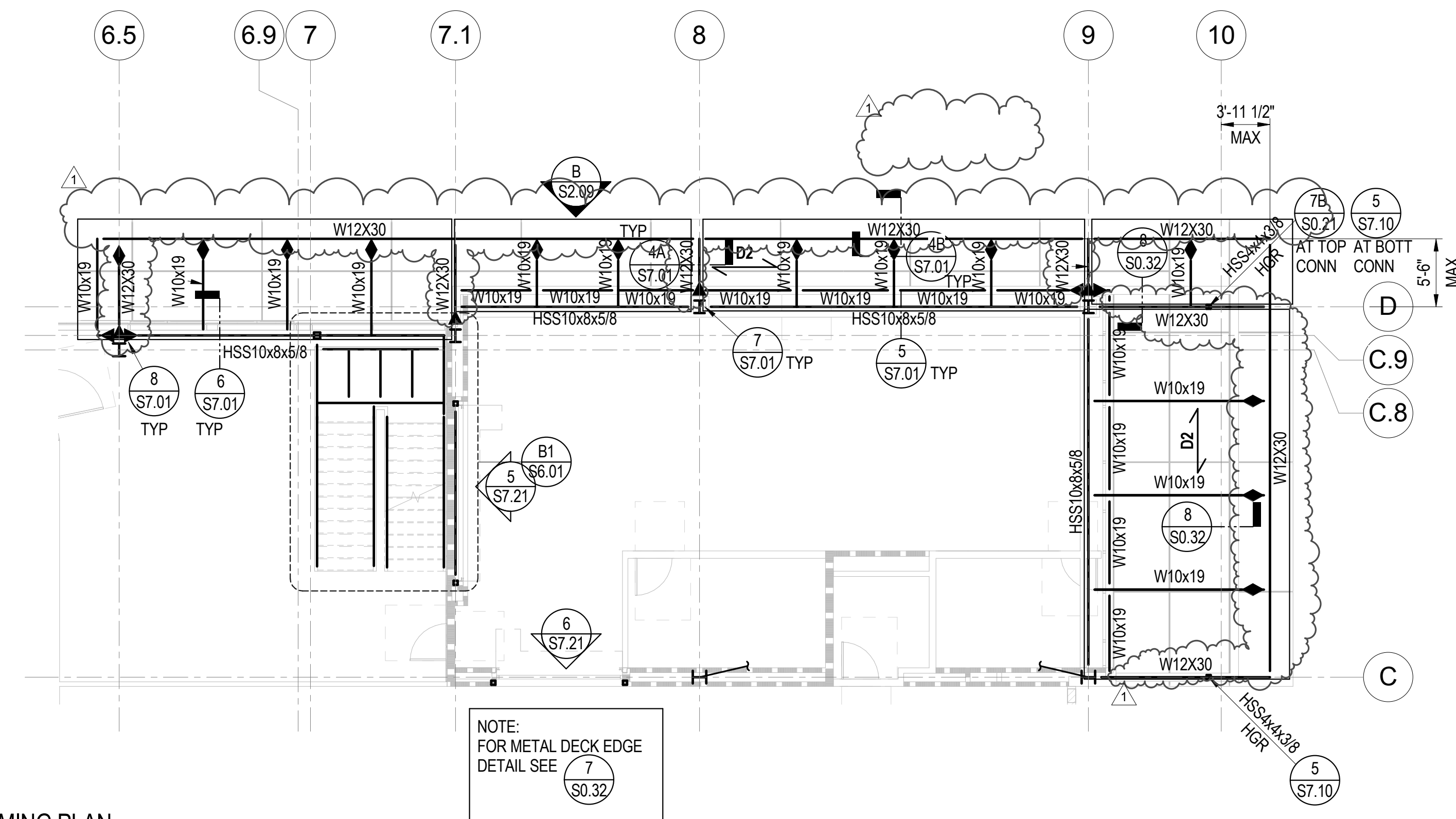
NAME: YENSI KEONG LOW
DATE: DECEMBER 31 2018
REGISTRATION NUMBER: 84093



KEY PLAN



A1 CANOPY ISOMETRIC VIEW



A CANOPY FRAMING PLAN
1/8" = 1'-0"

NO.	DESCRIPTION	DATE
1	ADDENDUM 1	8/23/17

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ENTRY CANOPY FRAMING PLAN

DATE: JULY 06, 2017

S2.06

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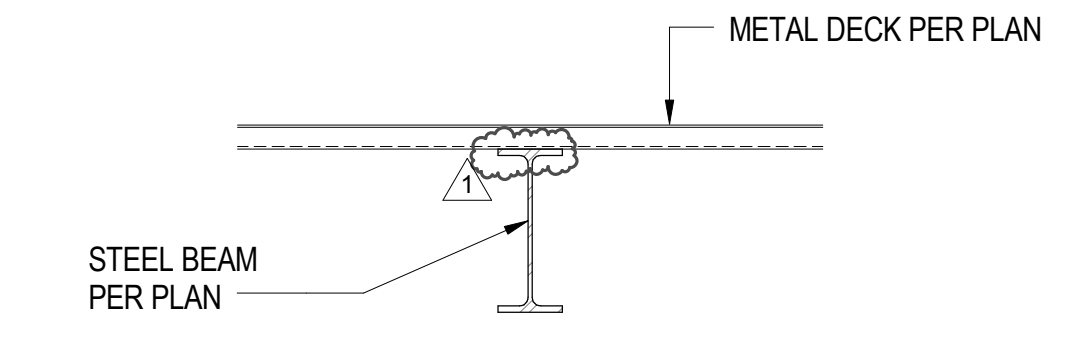
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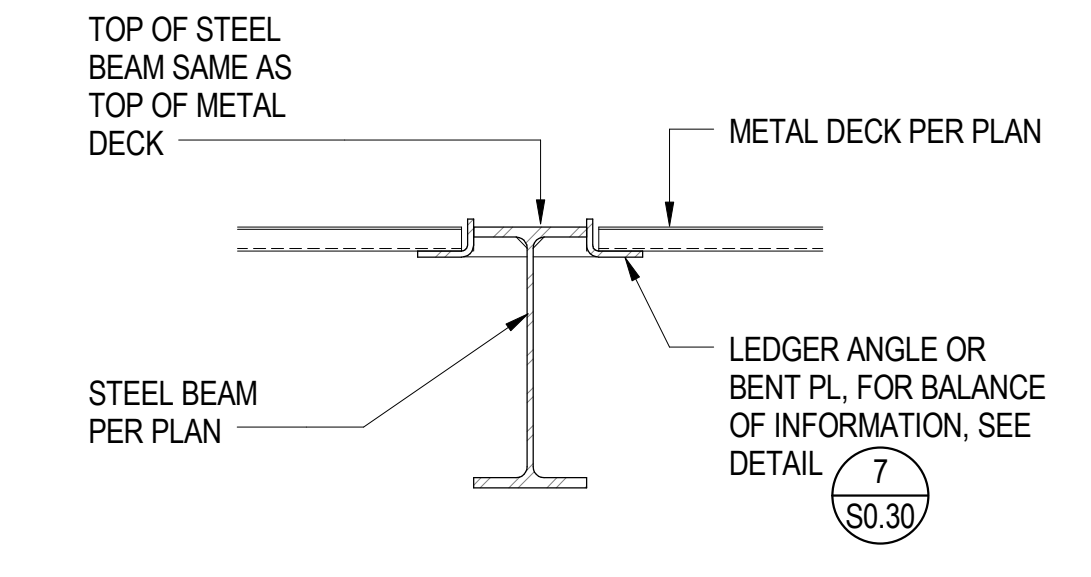


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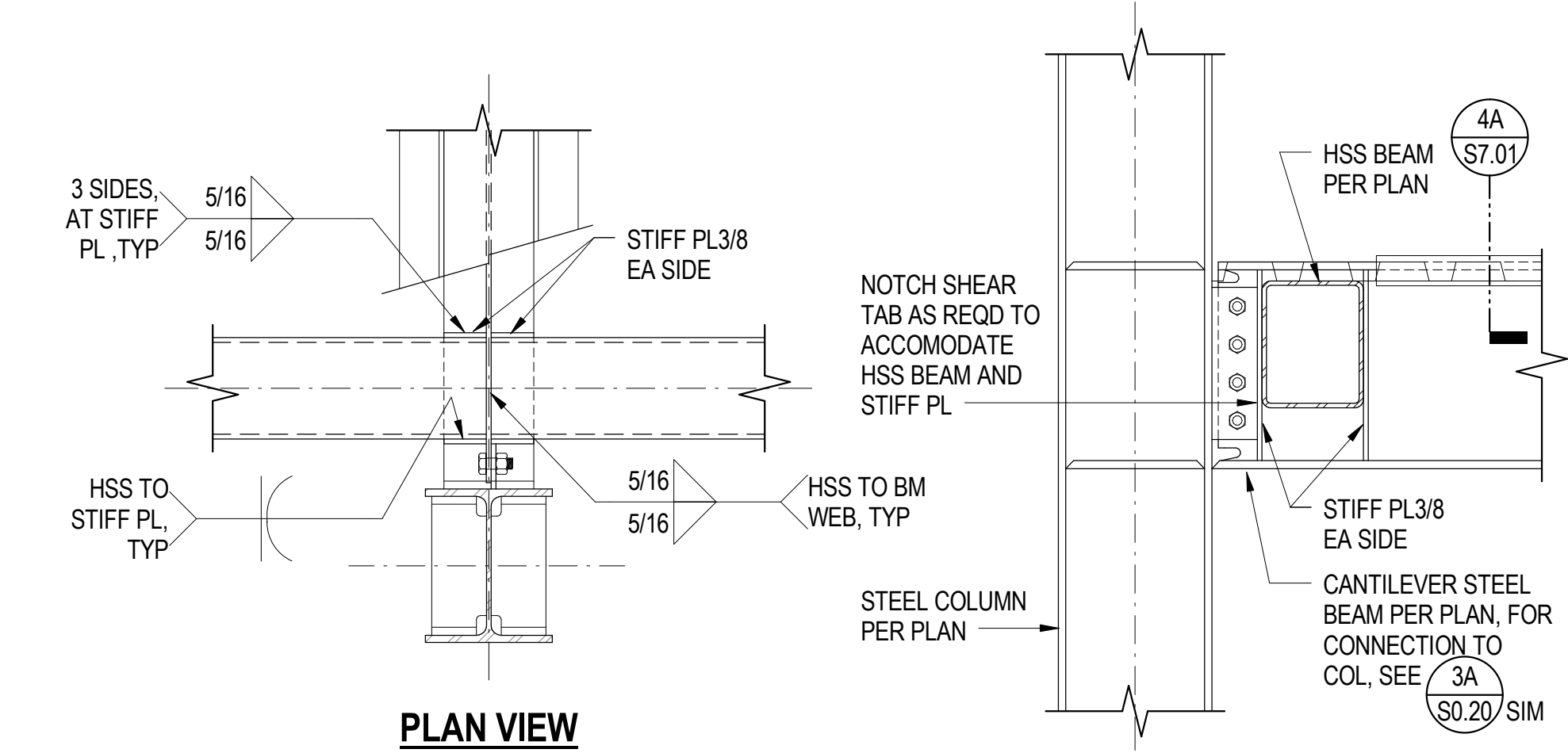
NAME: YENGO KONG LOW
DATE: DECEMBER 31 2018
REGISTRATION NUMBER: 54093



DETAIL B



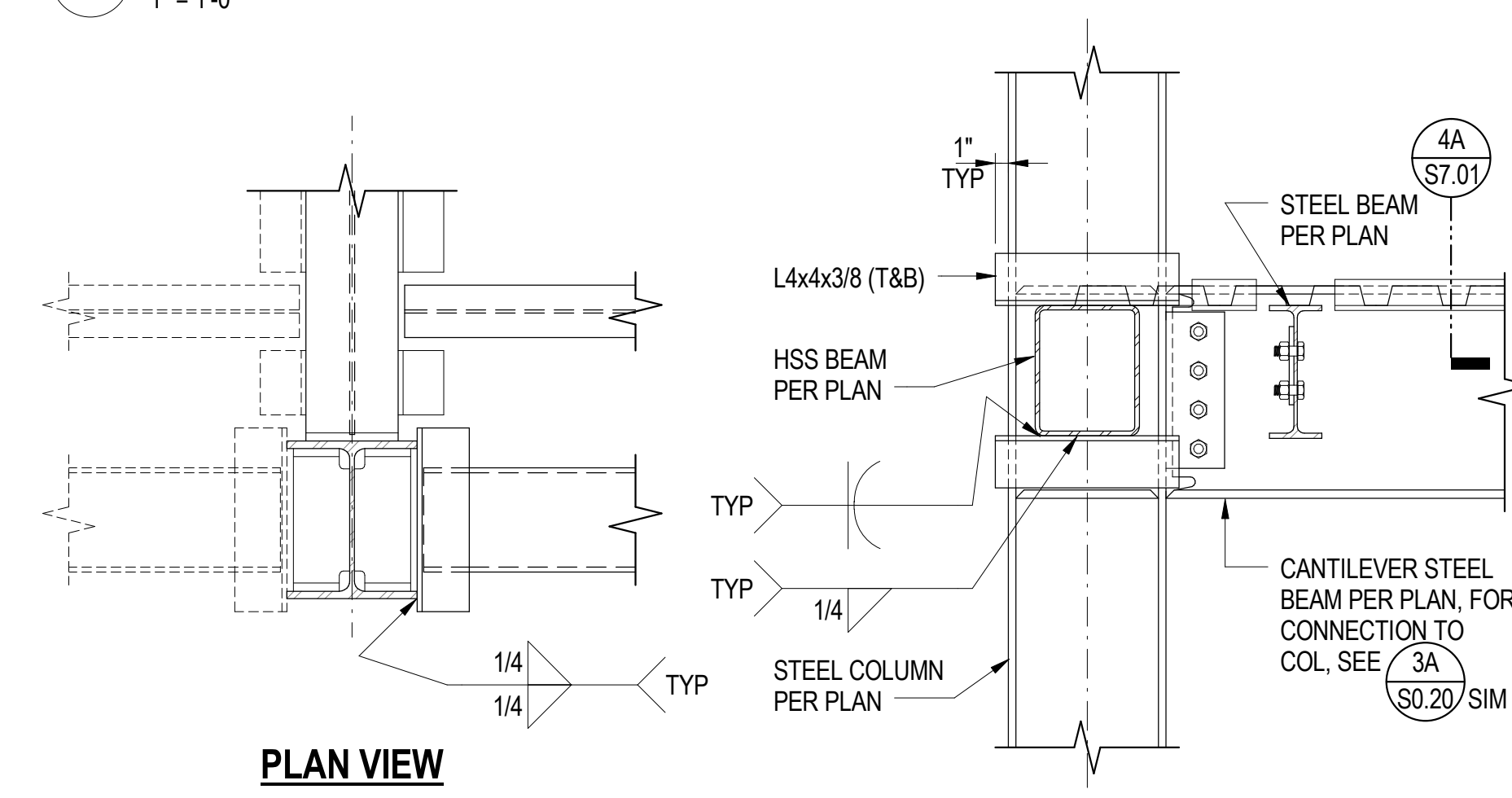
DETAIL A



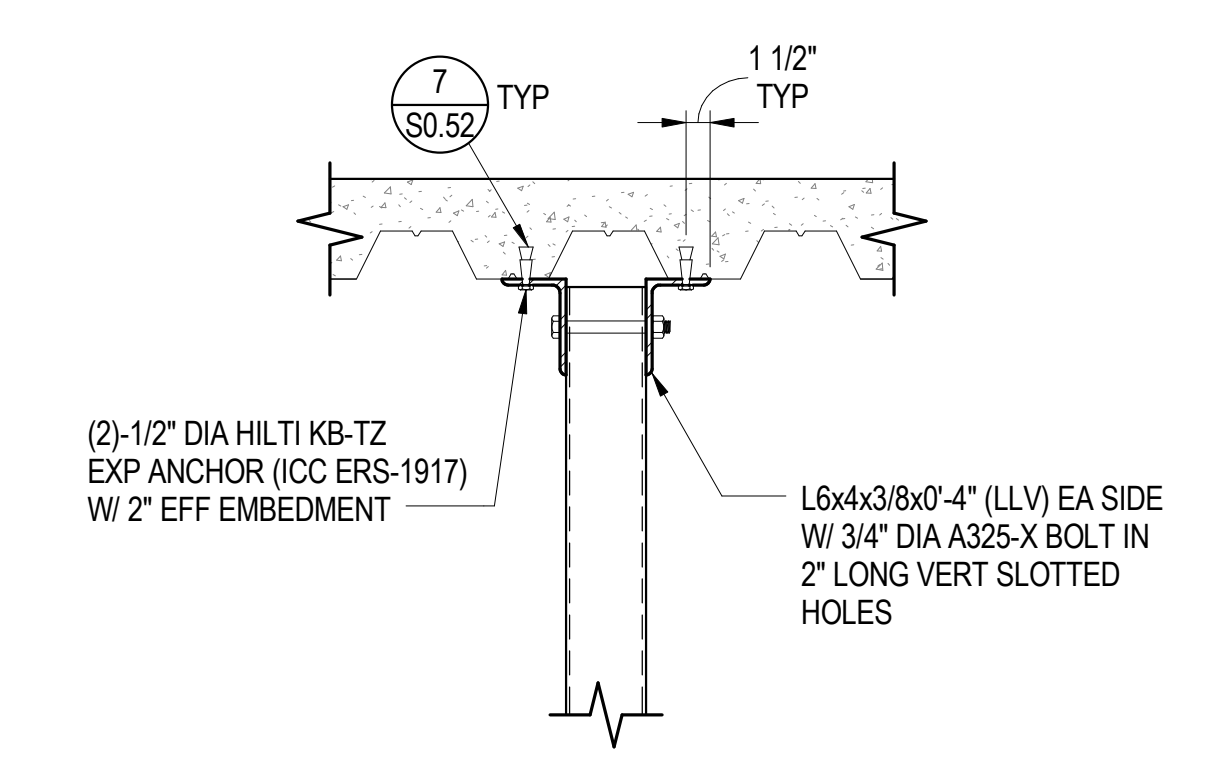
PLAN VIEW

8 STEEL BEAM CONNECTION AT CANOPY
1" = 1'-0"

4 METAL DECK TO STEEL BEAM CONNECTION AT CANOPY
1" = 1'-0"

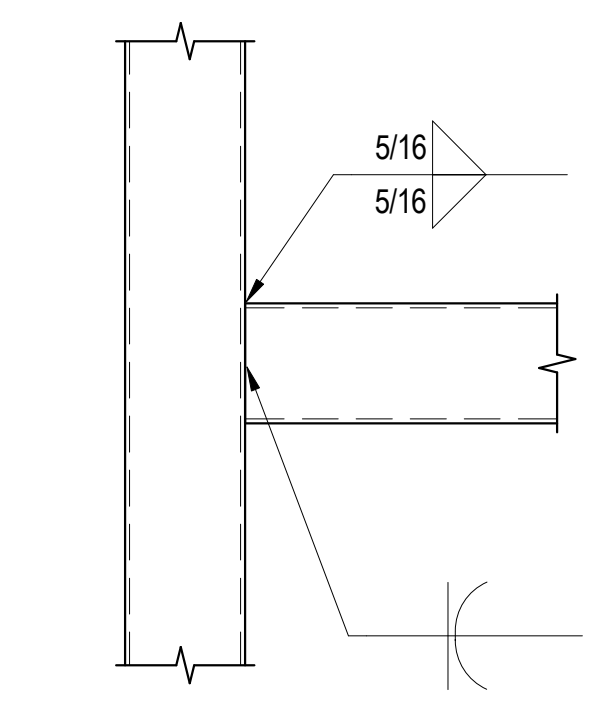
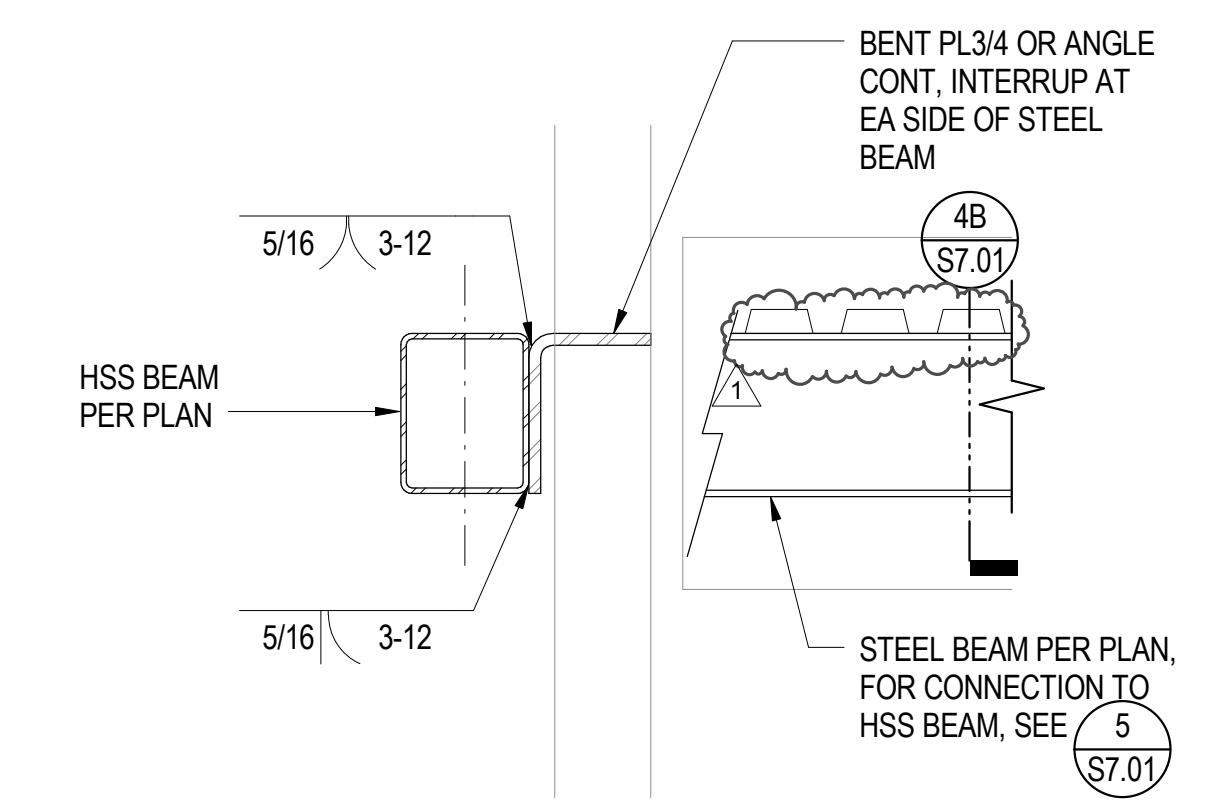


PLAN VIEW



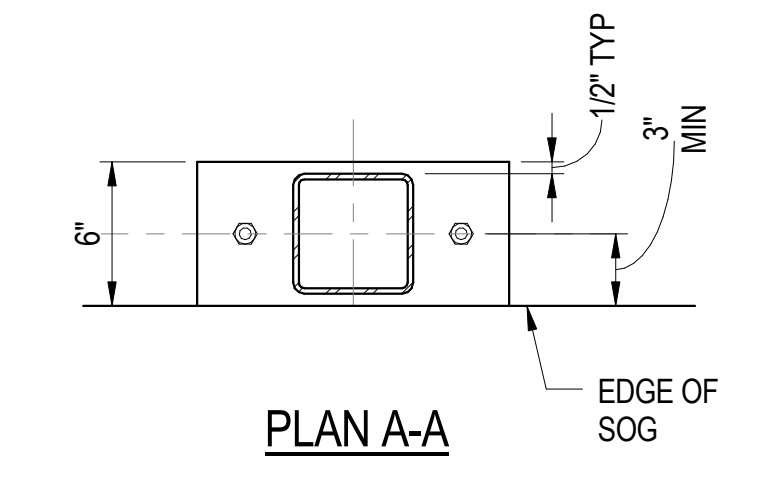
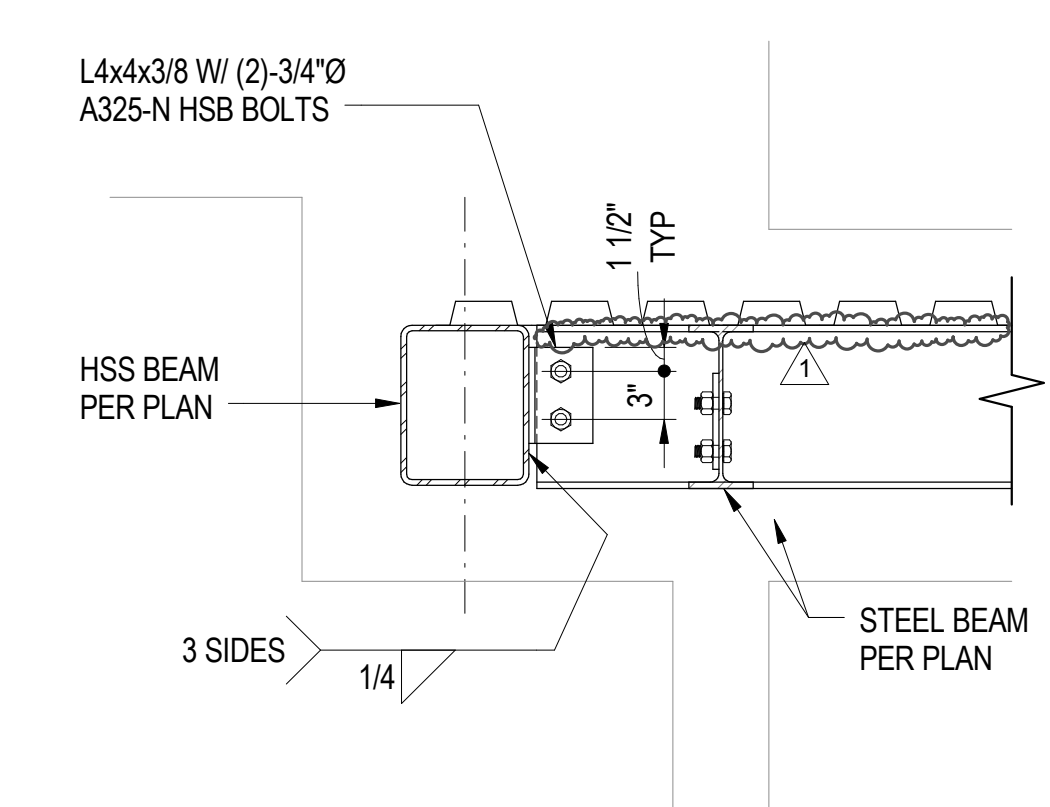
3 DETAIL
1" = 1'-0"

7 STEEL BEAM TO COLUMN CONNECTION AT CANOPY
1" = 1'-0"



6 STEEL BEAM CONNECTION AT CANOPY
1" = 1'-0"

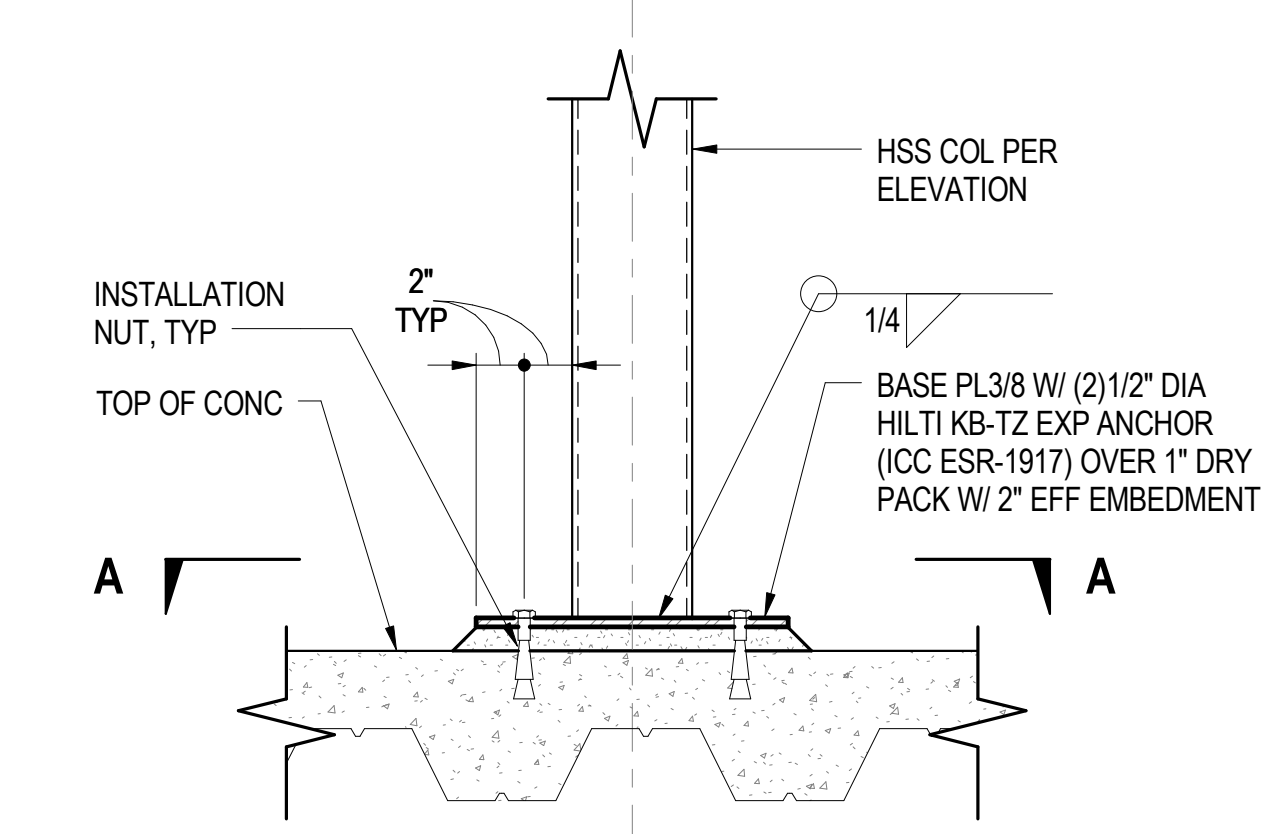
2 DETAIL
1 1/2" = 1'-0"



PLAN A-A

5 STEEL BEAM CONNECTION AT CANOPY
1" = 1'-0"

1 DETAIL
1 1/2" = 1'-0"



NO.	DESCRIPTION	DATE
1	ADDENDUM 1	8/23/17

ISSUANCE HISTORY - THIS SHEET
DRAWN BY: Author REVIEW BY: Approver
HGA NO: 3584-001-00

SECTIONS AND DETAILS

DATE: JULY 06, 2017

S7.01

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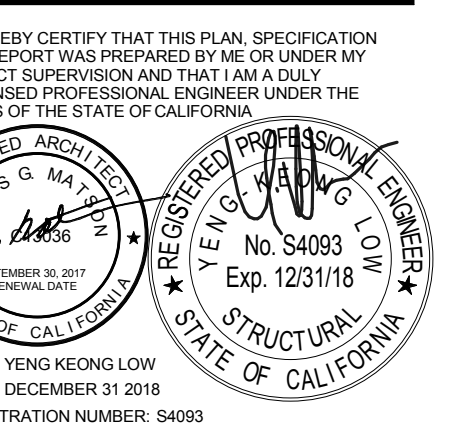
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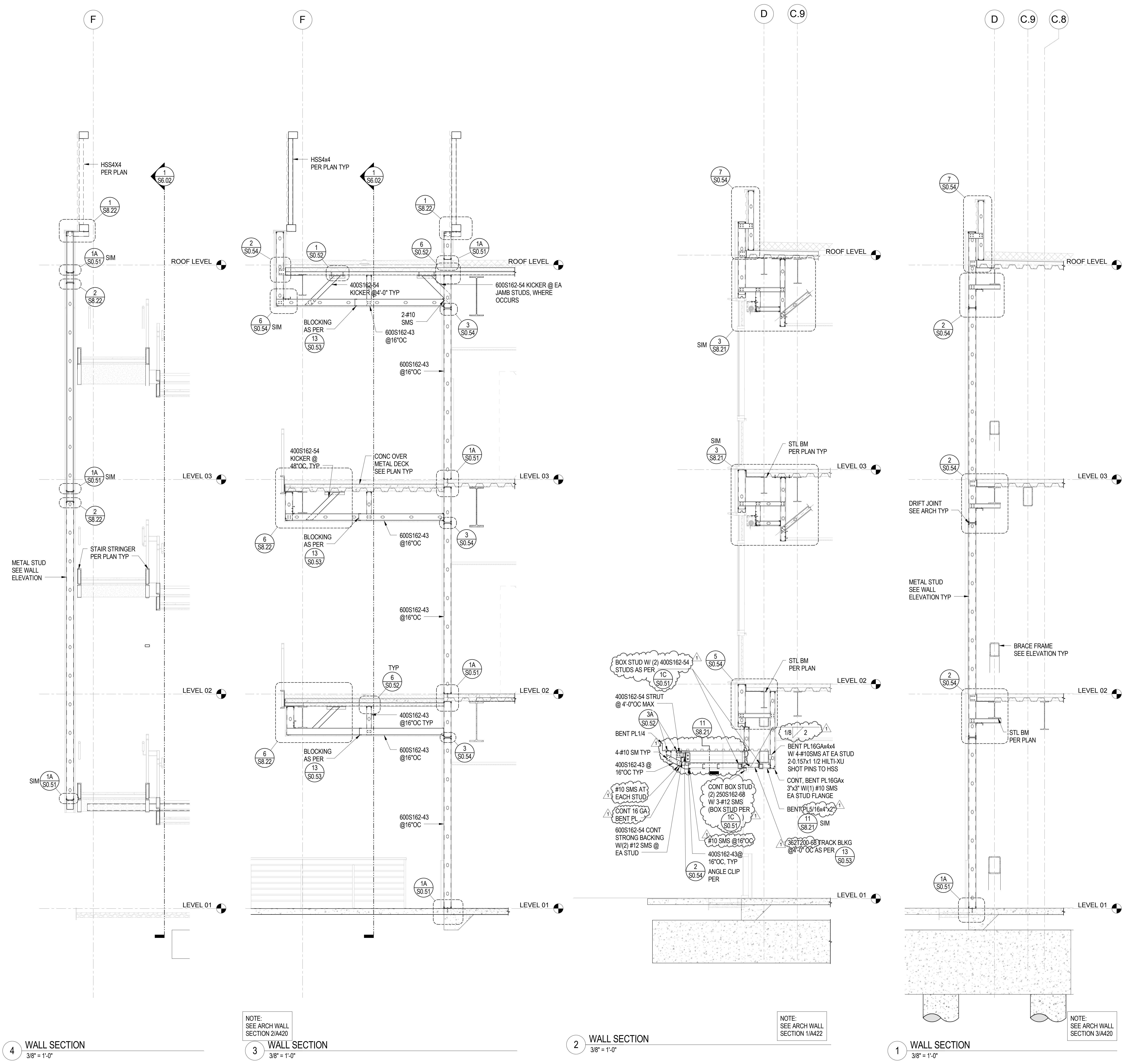
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**EXTERIOR WALL
SECTIONS**

DATE: JULY 06, 2017

S8.13



4 WALL SECTION
3/8" = 1'-0"

3 WALL SECTION
3/8" = 1'-0"

2 WALL SECTION
3/8" = 1'-0"

1 WALL SECTION
3/8" = 1'-0"

NOTE:
SEE ARCH WALL
SECTION 2/A420

NOTE:
SEE ARCH WALL
SECTION 1/A422

NOTE:
SEE ARCH WALL
SECTION 3/A420

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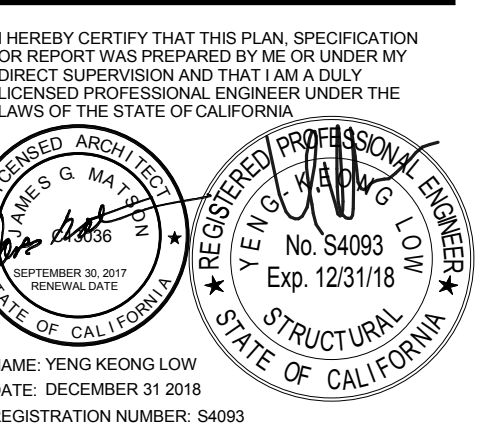
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**SANTA ANA
COLLEGE**



NAME: SAIFUL BOUQUET
DATE: DECEMBER 31 2018
REGISTRATION NUMBER: S48093

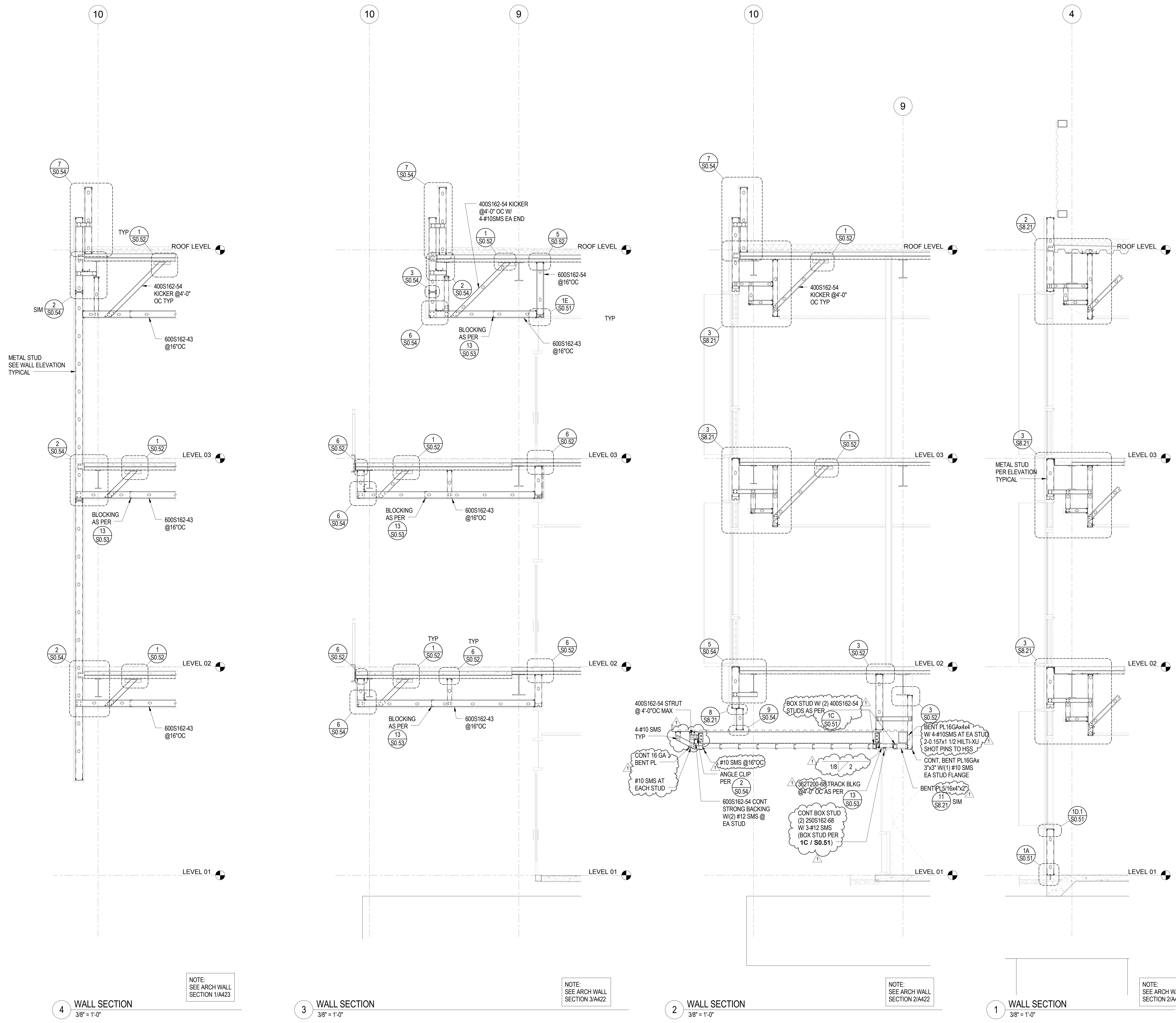
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1	ADDENDUM 1	8/23/17

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**EXTERIOR WALL
SECTIONS**

DATE: JULY 06, 2017

S8.14



4 WALL SECTION
3/8" = 1'-0"

NOTE:
SEE ARCH WALL
SECTION 1/A423

3 WALL SECTION
3/8" = 1'-0"

NOTE:
SEE ARCH WALL
SECTION 3/A422

2 WALL SECTION
3/8" = 1'-0"

NOTE:
SEE ARCH WALL
SECTION 2/A422

1 WALL SECTION
3/8" = 1'-0"

NOTE:
SEE ARCH WALL
SECTION 2/A428

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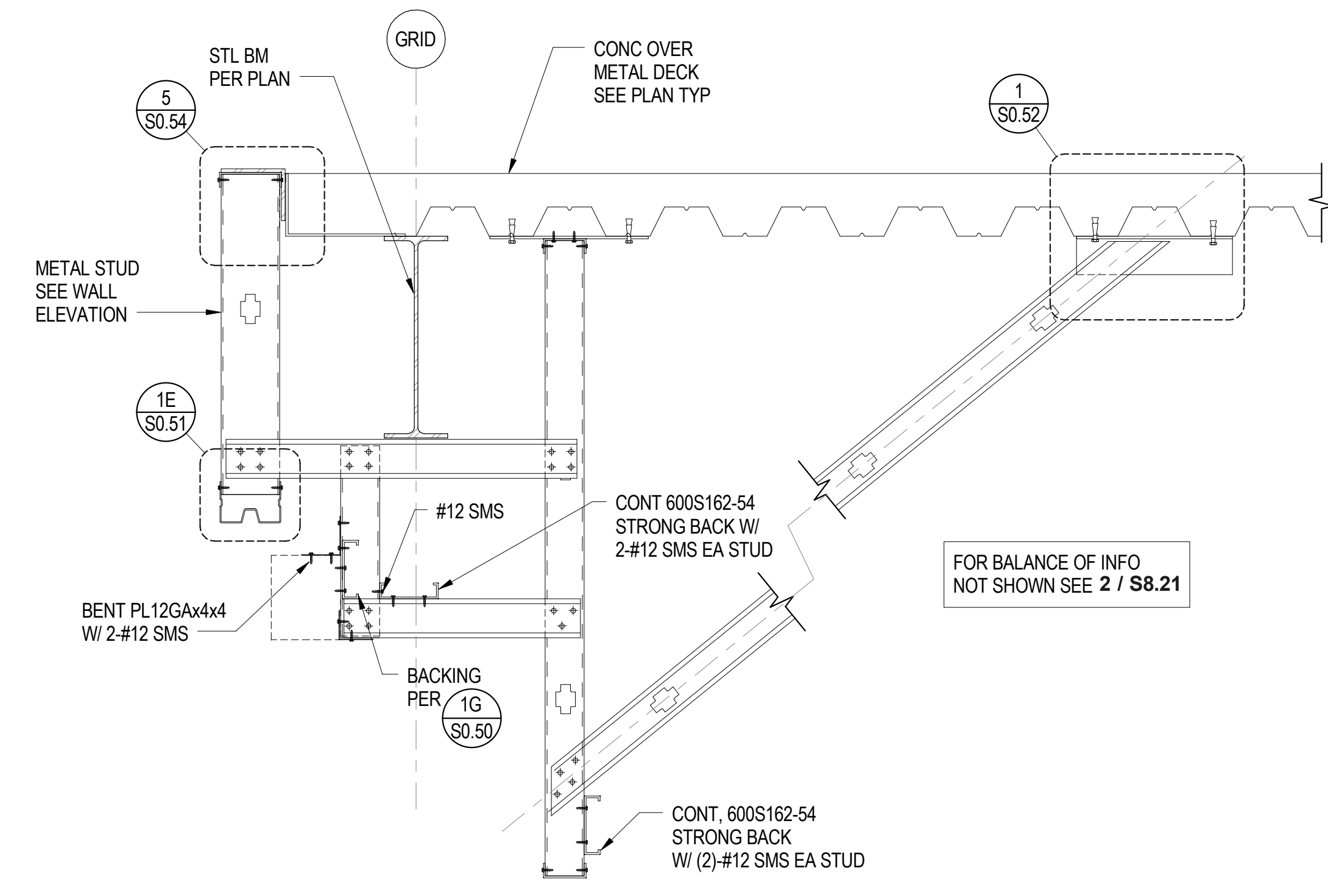
NAME: YUNG KEONG LOW
 DATE: DECEMBER 31 2018
 REGISTRATION NUMBER: 84993

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HGA NO.:	3584-001-00	

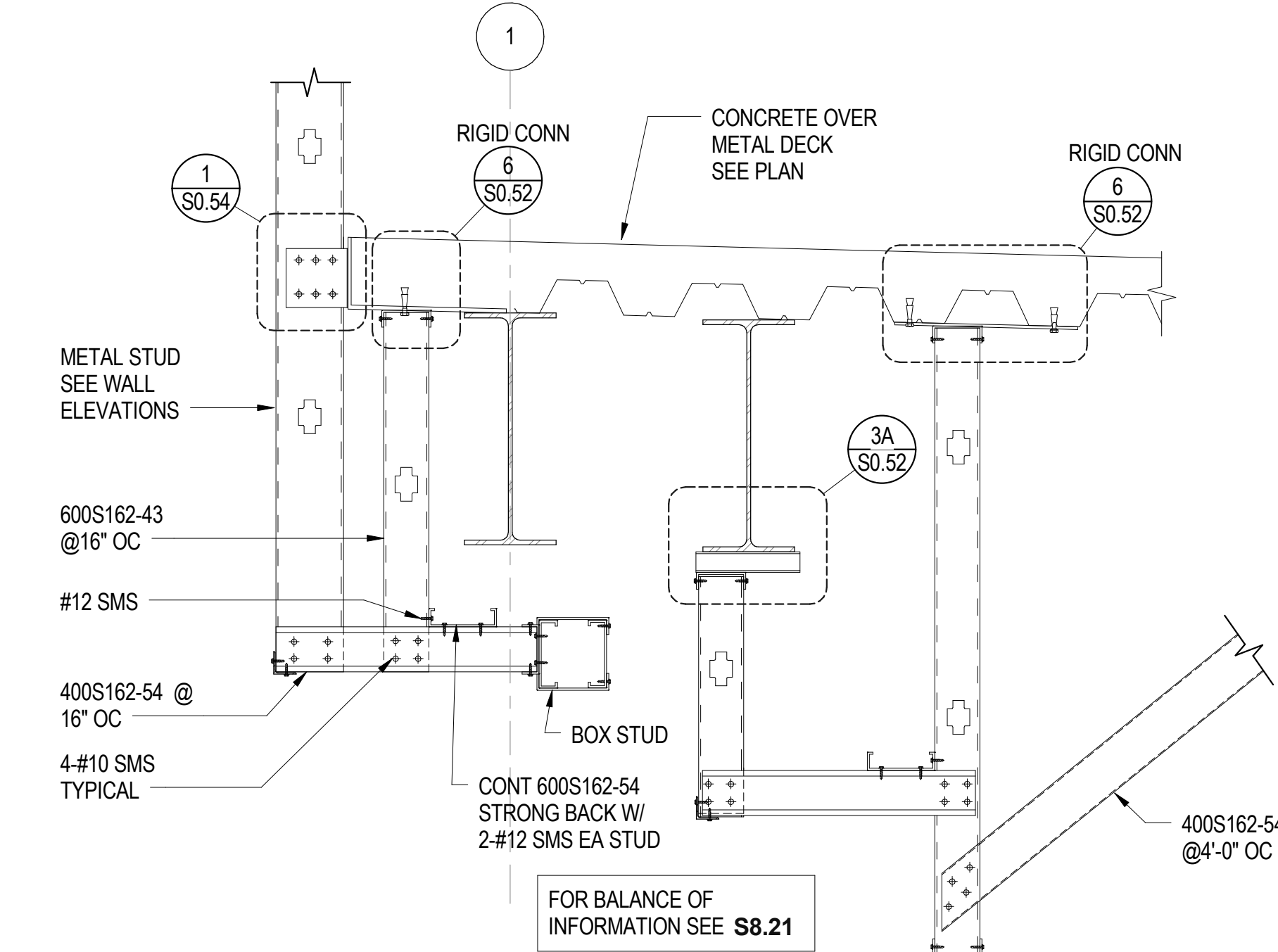
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DATE: JULY 06, 2017

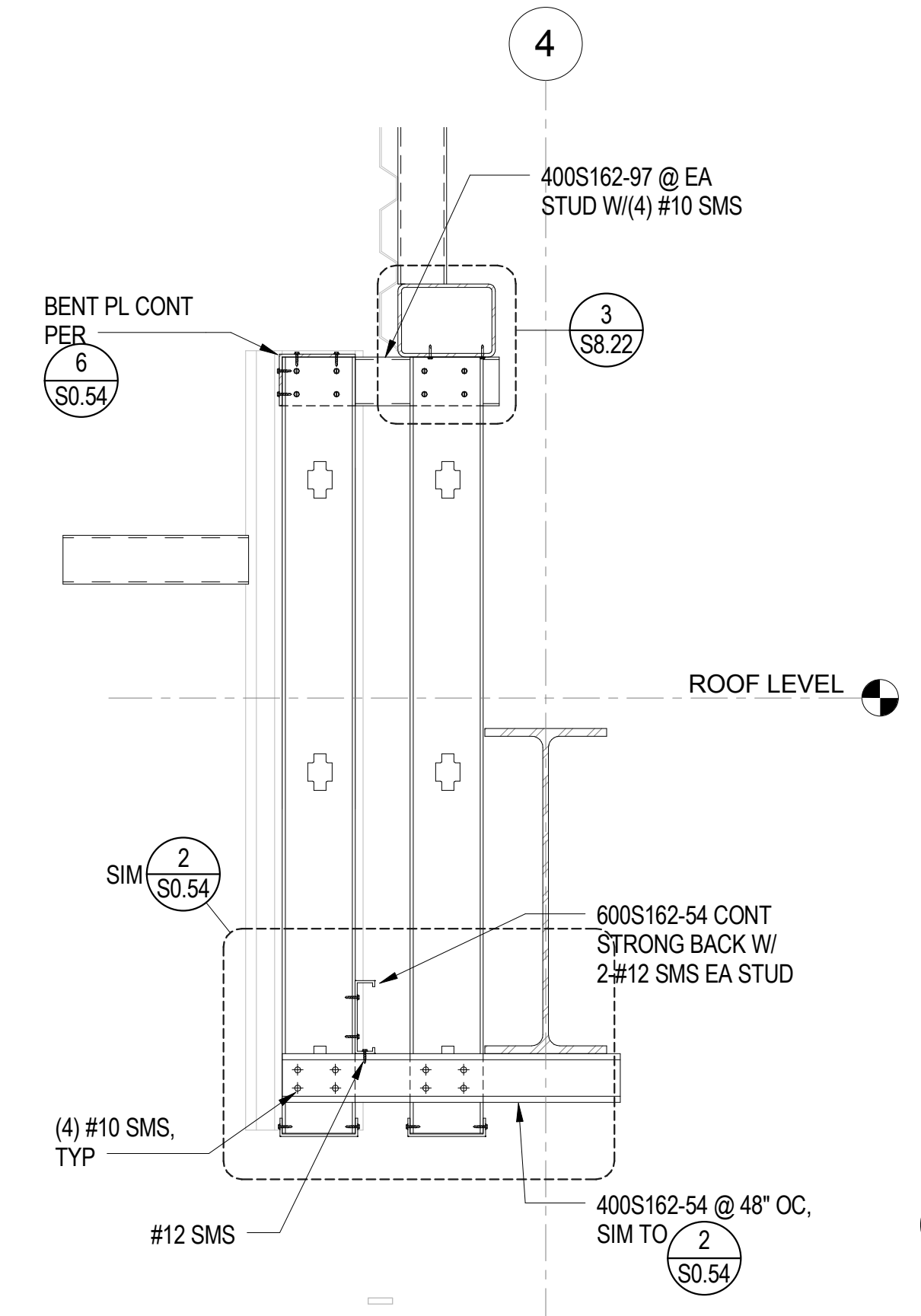
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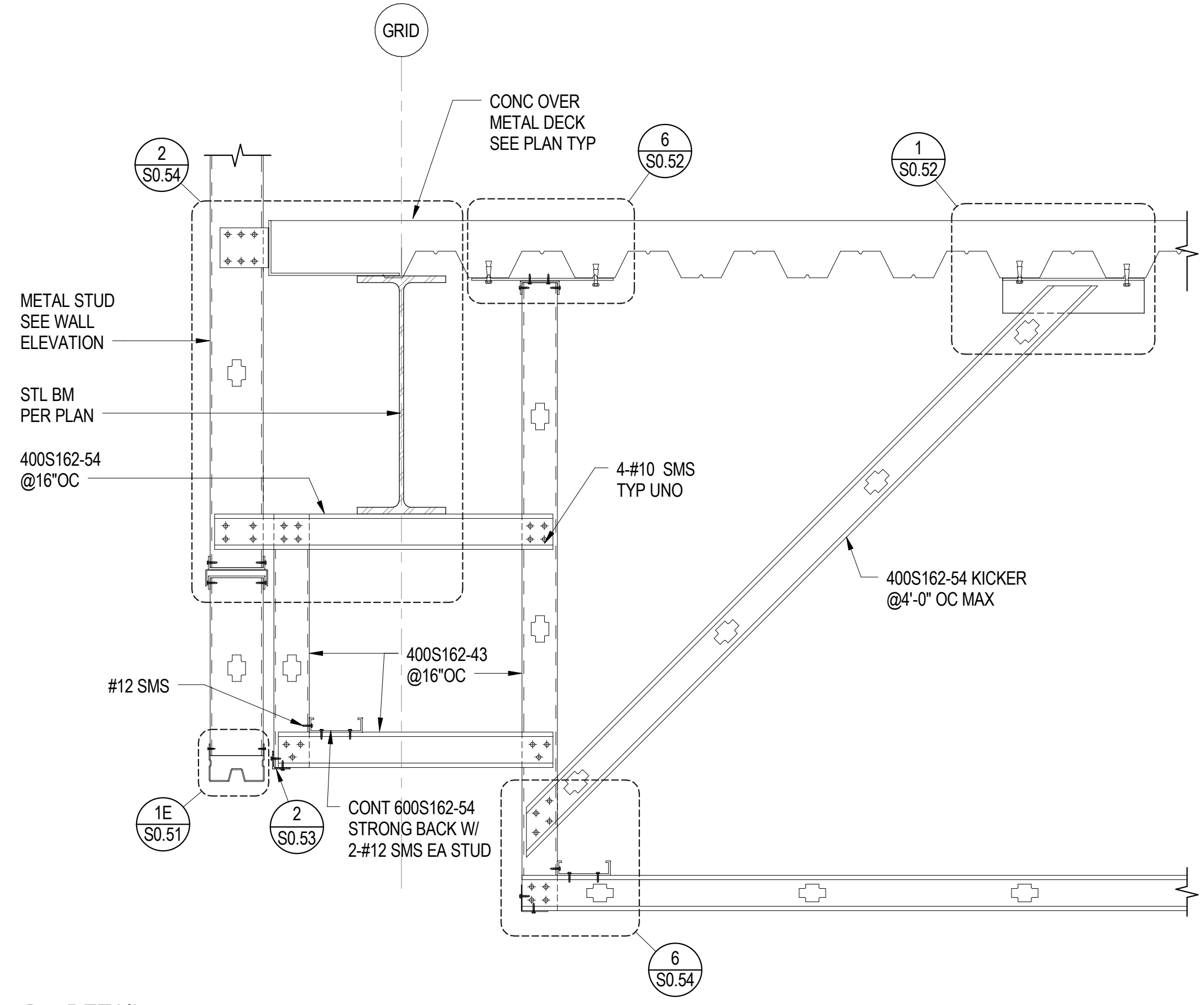
3 DETAIL
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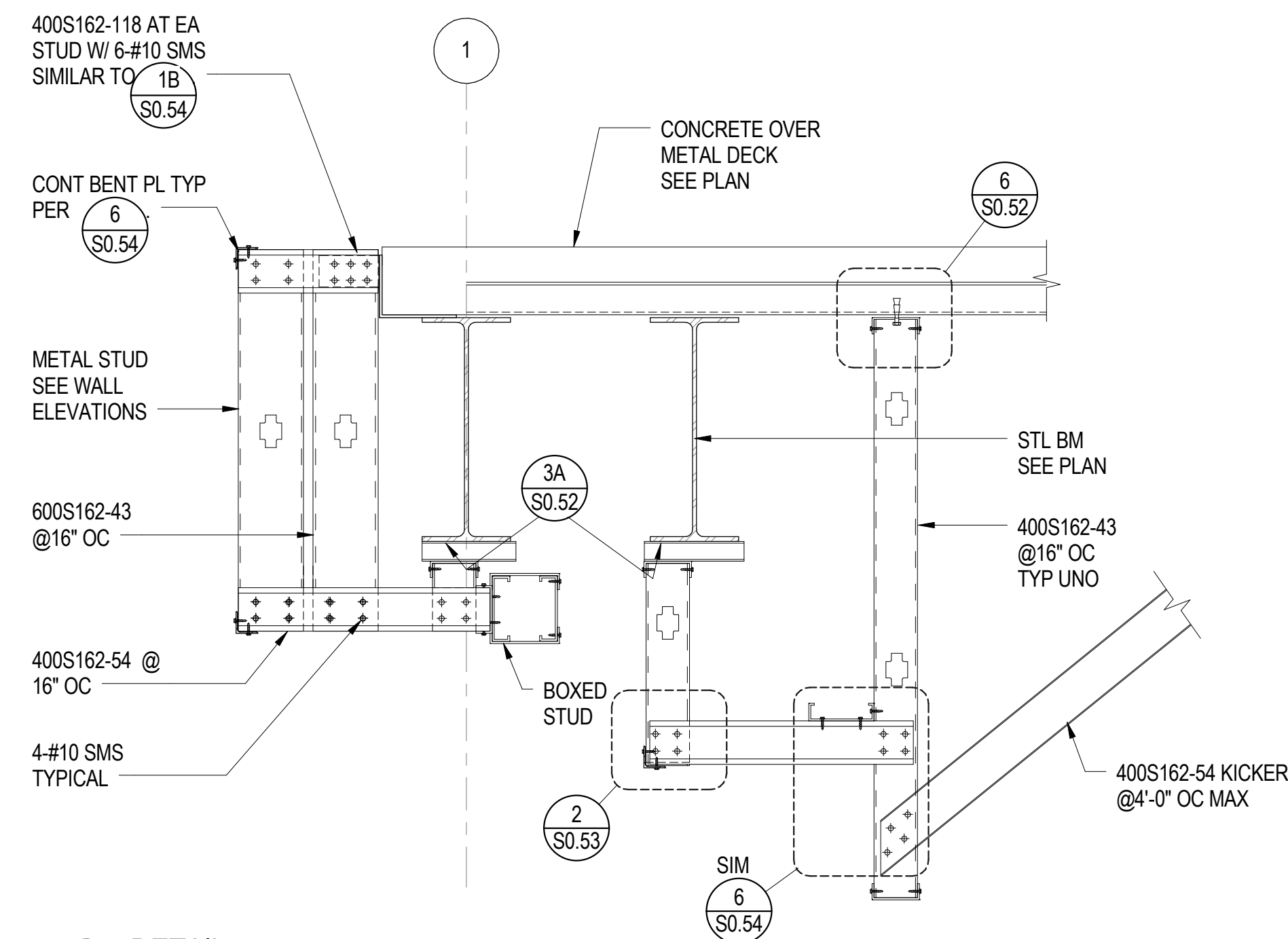
7 DETAIL
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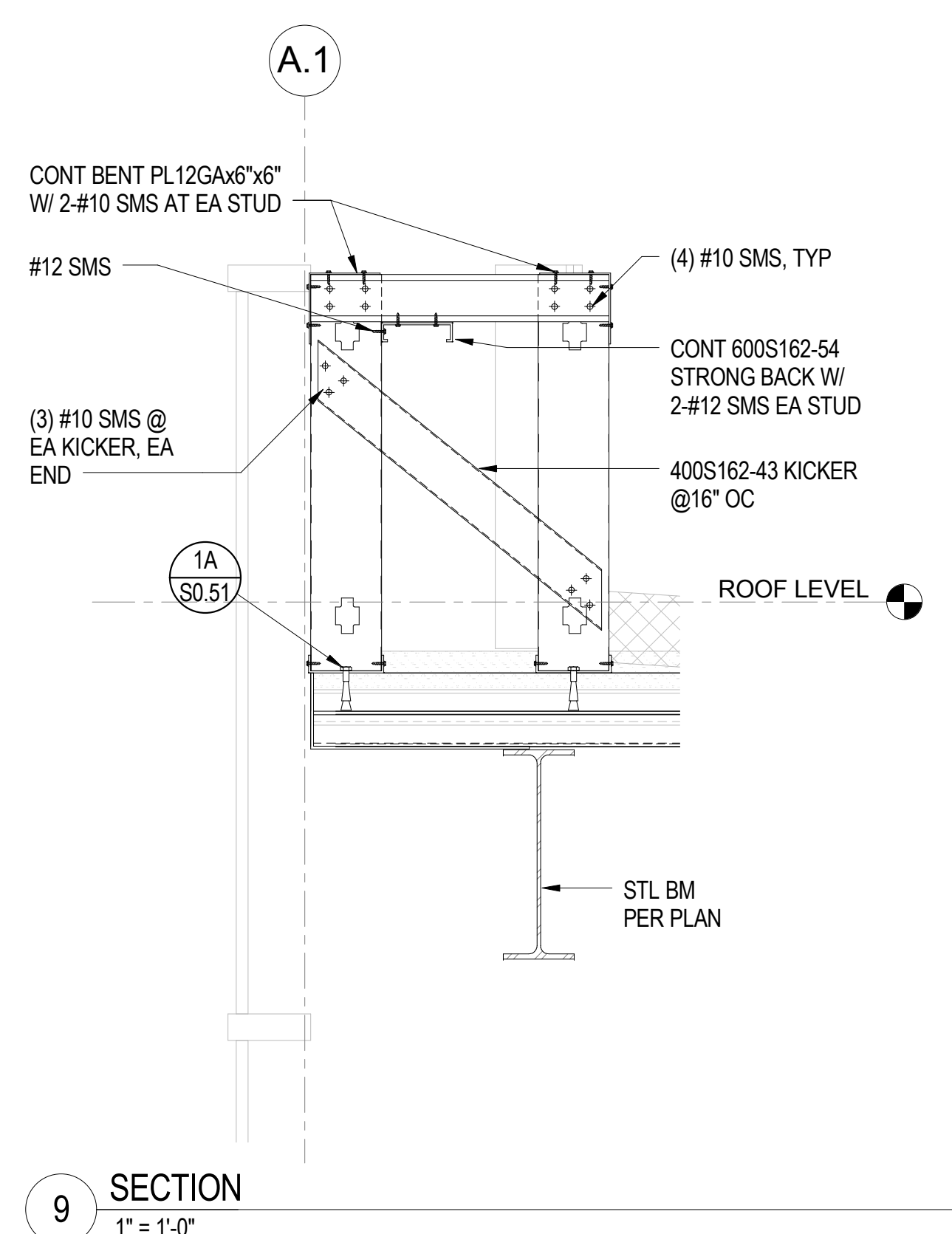
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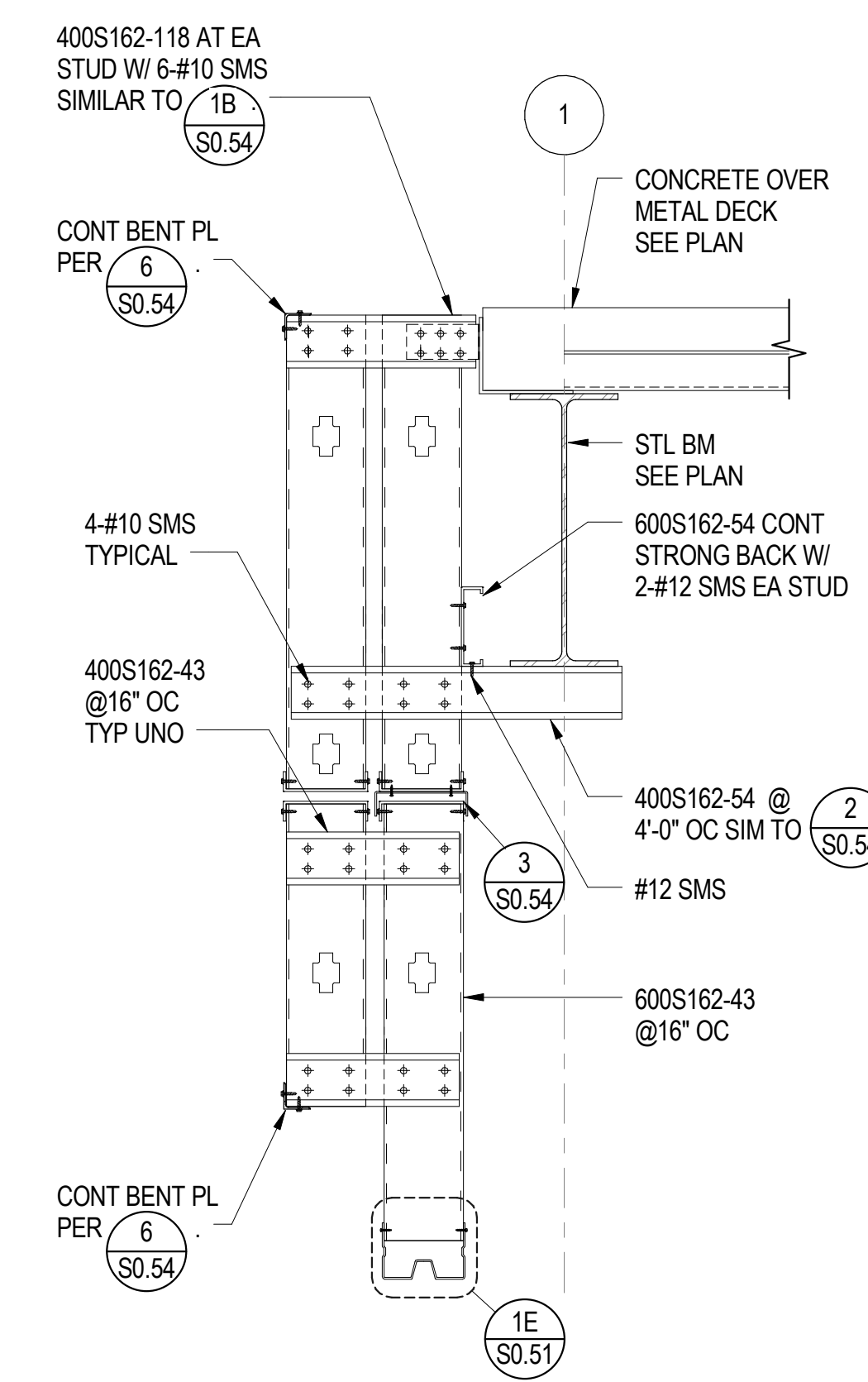
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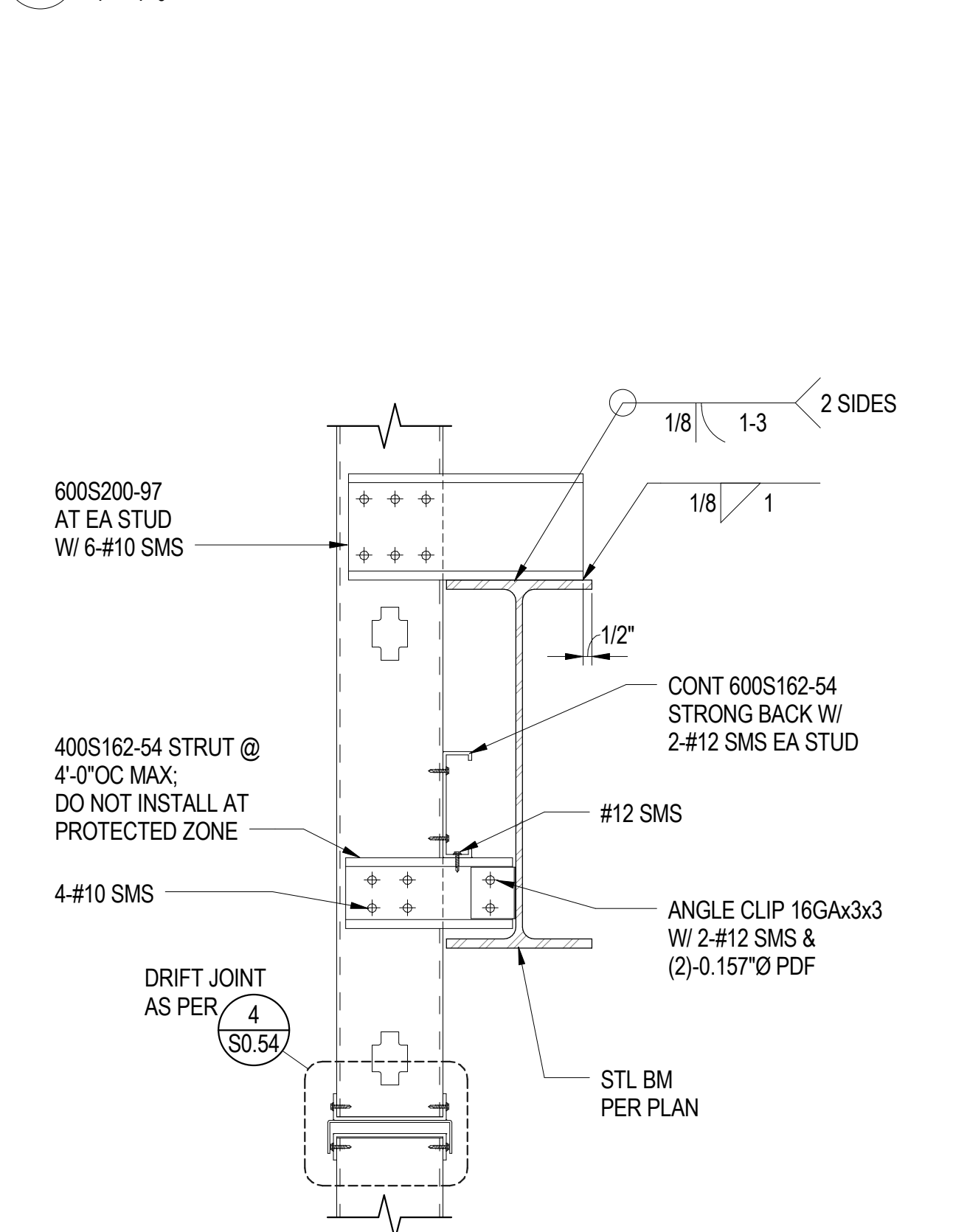
6 DETAIL
 1" = 1'-0"



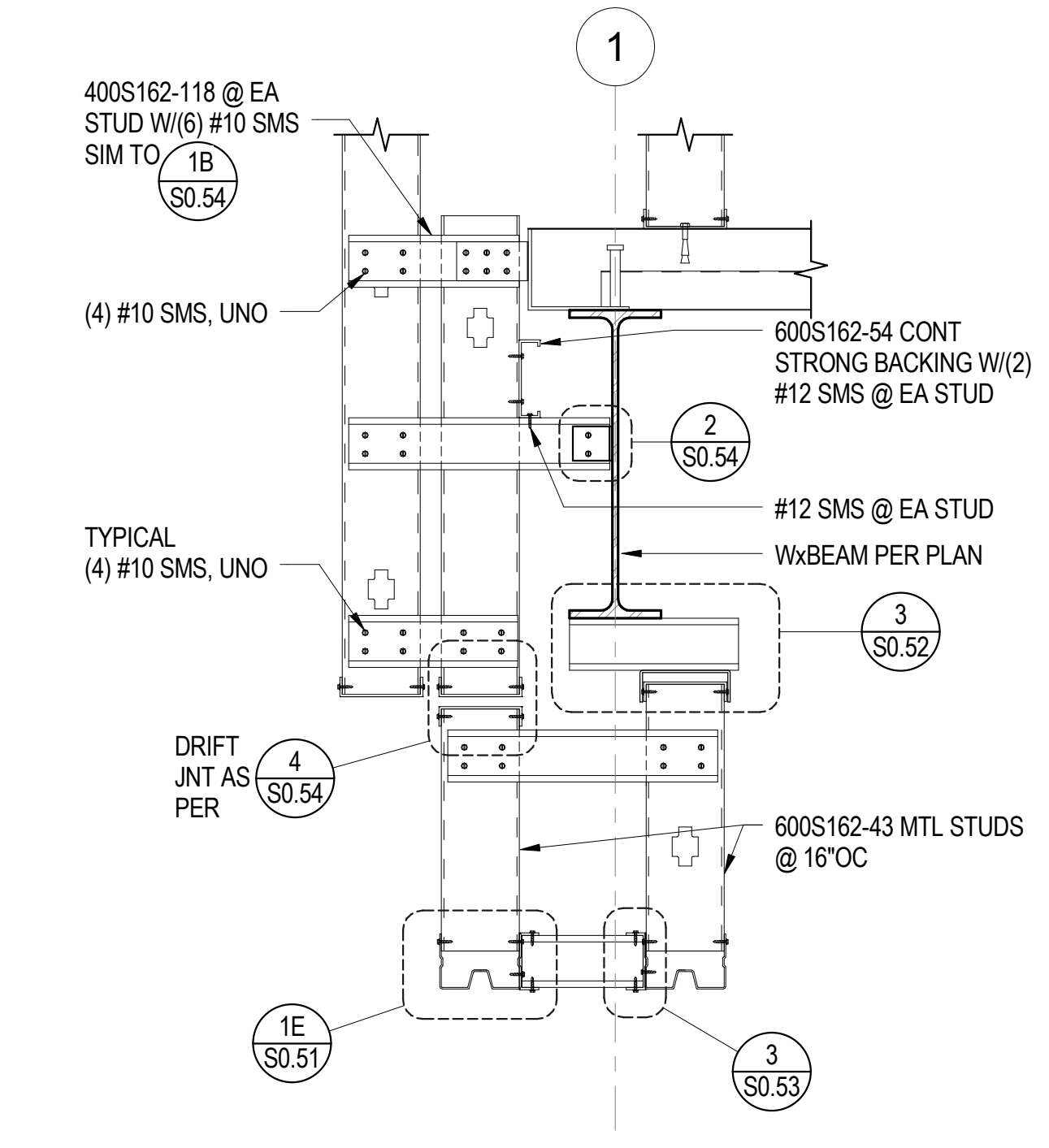
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 1" = 1'-0"



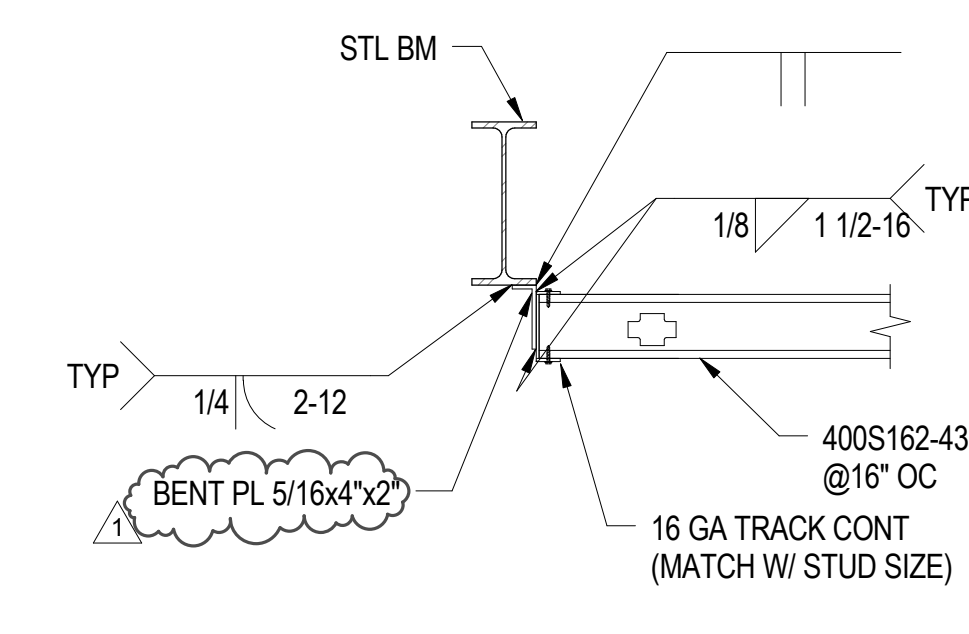
5 DETAIL
 1" = 1'-0"



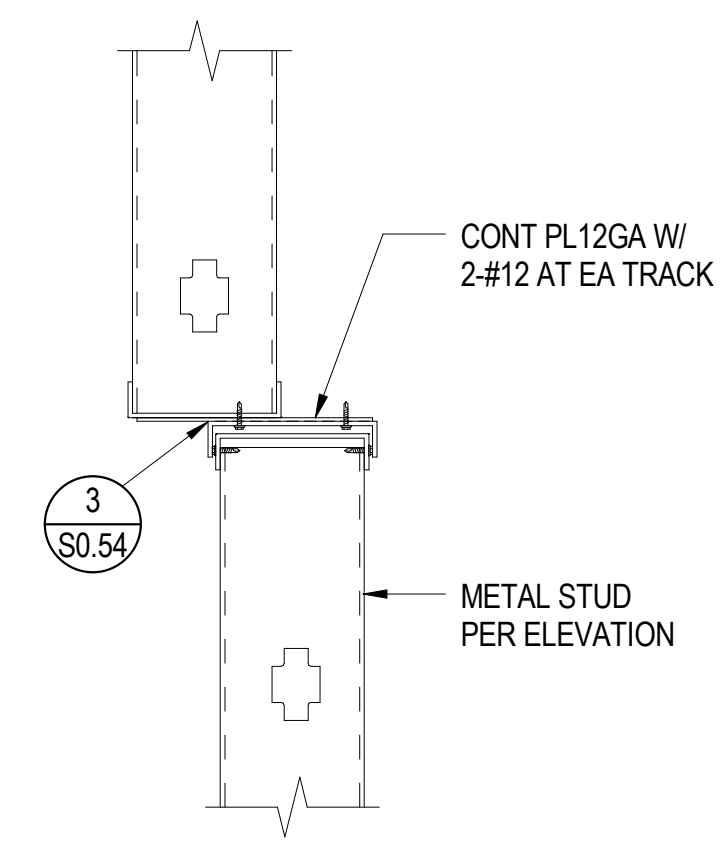
4 DETAIL
 1 1/2" = 1'-0"



1 DETAIL
 1" = 1'-0"



11 SECTION
 1" = 1'-0"



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



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**SANTA ANA
COLLEGE**



NAME: JOHN GAUTREY
DATE: DECEMBER 16, 2016
REGISTRATION NUMBER: 14-29751

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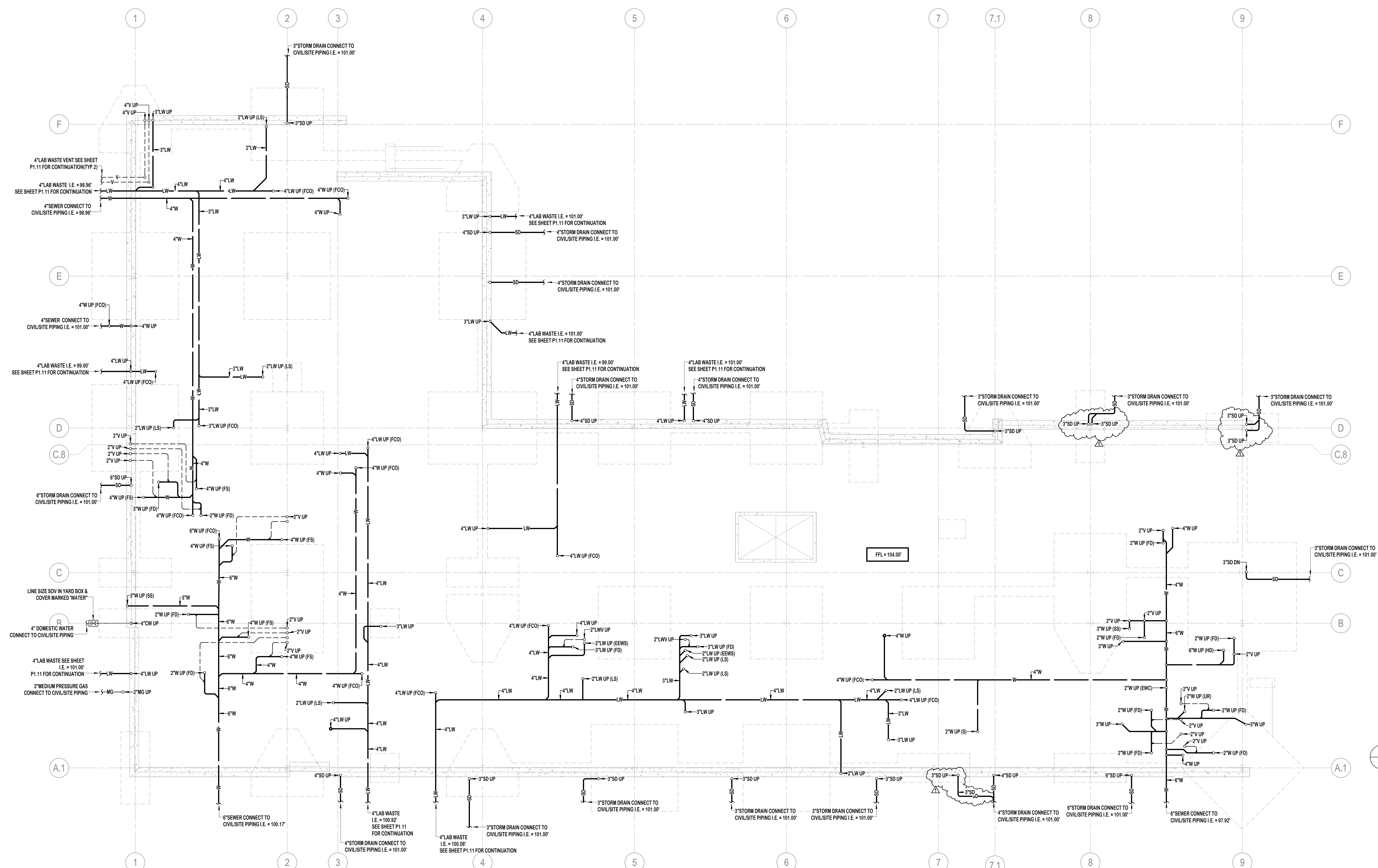
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**PLUMBING
UNDERGROUND
LEVEL PLAN**

DATE: JULY 06, 2017

P2.00

ADDENDA PACKAGE



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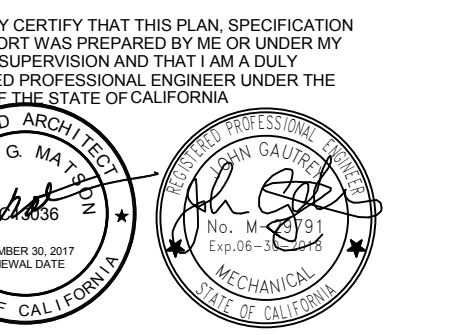
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NAME: JOHN GAUTREY
DATE: DECEMBER 16, 2016
REGISTRATION NUMBER: 14-29751

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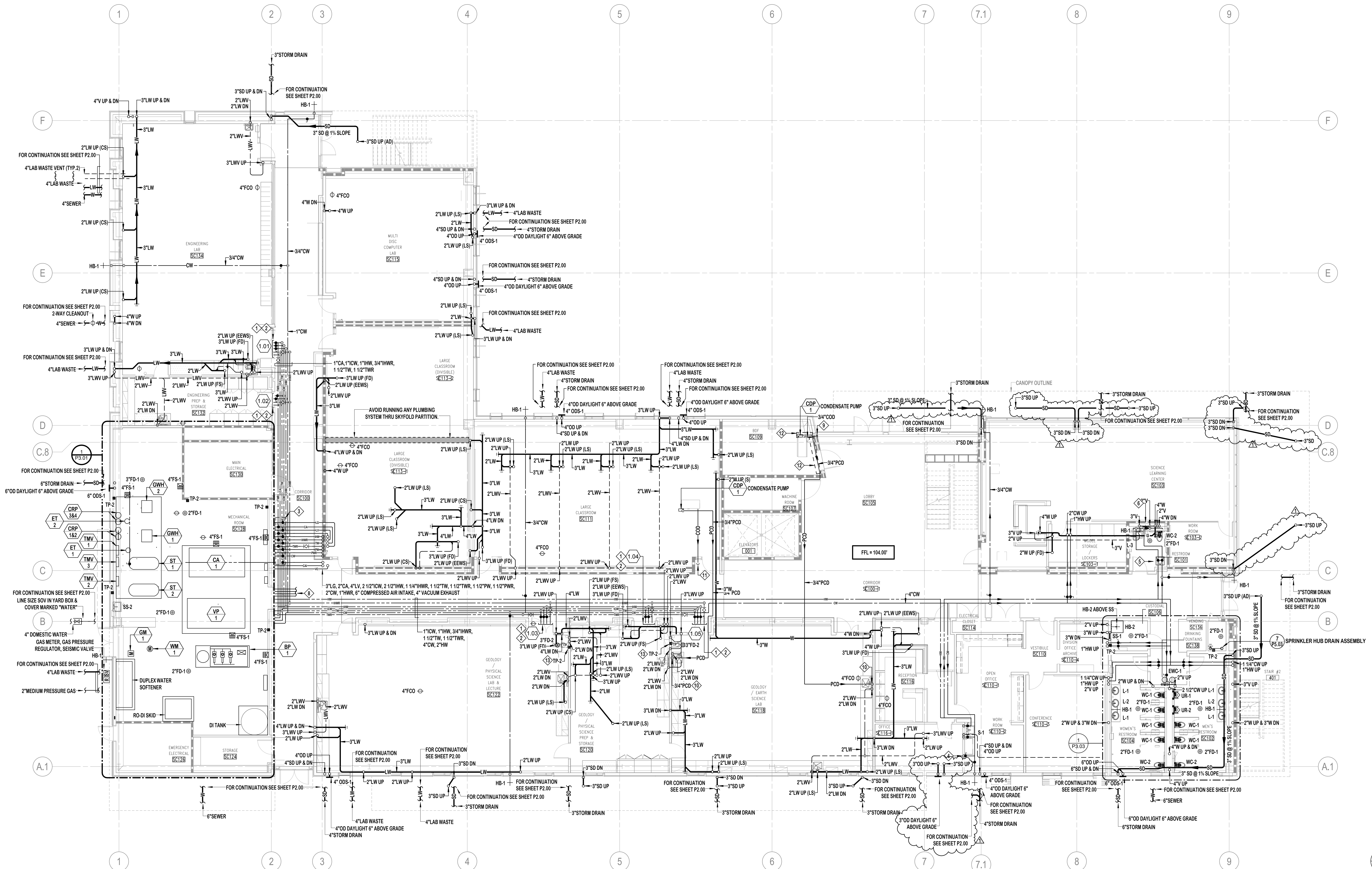
PLUMBING FIRST LEVEL PLAN

DATE: JULY 06, 2017

P2.01

ADDENDA PACKAGE

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1 PLUMBING FLOOR PLAN - LEVEL 01
1/8" = 1'-0"

PLUMBING GENERAL NOTES

A. REFER TO SHEET P2.00 FOR BUILDING UTILITY POC'S

PLUMBING SHEET NOTES

REFER TO KEYNOTE ON PLAN

- LINE SIZE SHUT OFF VALVES ABOVE CEILING IN CORRIDORS & NOT IN ALCOVE. REFER TO LAB CONSULTANT DRAWING FOR POC NUMBER & POC CONNECTION SCHEDULE WHERE SHOWN SMALLER ON LPH 01. PROVIDE REDUCERS DOWNSTREAM OF THE SHUT OFF VALVES AT THE POC.
- H/WHTR POC COMPLETE WITH BALANCING VALVE ASSEMBLY. REFER TO DETAIL 7/PS.04.
- PROVIDE LINE SIZE S.O.V. TO BRANCH OFF MAIN AT EACH FLOOR.
- 3/4" CW SERVING REFRIGERATOR IN RECESSED VALVE BOX.
- LINE SIZE SOV ABOVE CEILING COMPLETE WITH ACCESS PANEL.
- LINE SIZE SOV, TP-1 & WHA-1 COMPLETE WITH ACCESS PANEL.
- CAP PW POC & PROVIDE ISOLATION SHUT-OFF VALVES ABOVE CEILING WITH NORMALLY OPEN BY-PASS VALVE. REFER TO DETAIL 7/PS.02.
- 3/4" INSULATED CD OVERFLOW DAYLIGHTS TO PUBLIC AREA AT WALL WITH ESCUTCHEON PLATE.
- 3/4" INSULATED CD FROM CONDENSATE PUMP DISCHARGE TO LAVATORY SINK VIA CD TAILPIECE. REFER TO DETAIL 4/PS.02.
- 3/4" INSULATED CD OVERFLOW DAYLIGHTS TO PUBLIC AREA AT CEILING WITH ESCUTCHEON PLATE. REFER TO DETAIL 7/PS.02.
- PROVIDE & INSTALL ALL SOLDERED SHEET METAL AUXILIARY DRAIN PAN WITH 3/4" BUSHING & DRAIN TO OUTSIDE OF ROOM (REQUIRED UNDER ALL PLUMBING PIPES & EQUIPMENT IN THIS ROOM)
- ELECTRONIC TRAP PRIMER (TP-2) TO CONNECT 1/2" WATER SUPPLY FROM NEAREST CW OR ICW LINE. PROVIDE SOV & ACCESS PANEL PER DETAIL 8/PS.02. TRAP PRIMER TO SERVE FLOOR DRAIN, FLOOR SINK OR EMERGENCY EYEWASH. COORDINATE ELECTRONIC TRAP PRIMER 120 VAC POWER SUPPLY WITH ELECTRICAL.



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NAME: JOHN GAUTREY
DATE: DECEMBER 16, 2016
REGISTRATION NUMBER: 14-20761

NO.	DESCRIPTION	DATE
1	ADDENDUM 1	8/23/17

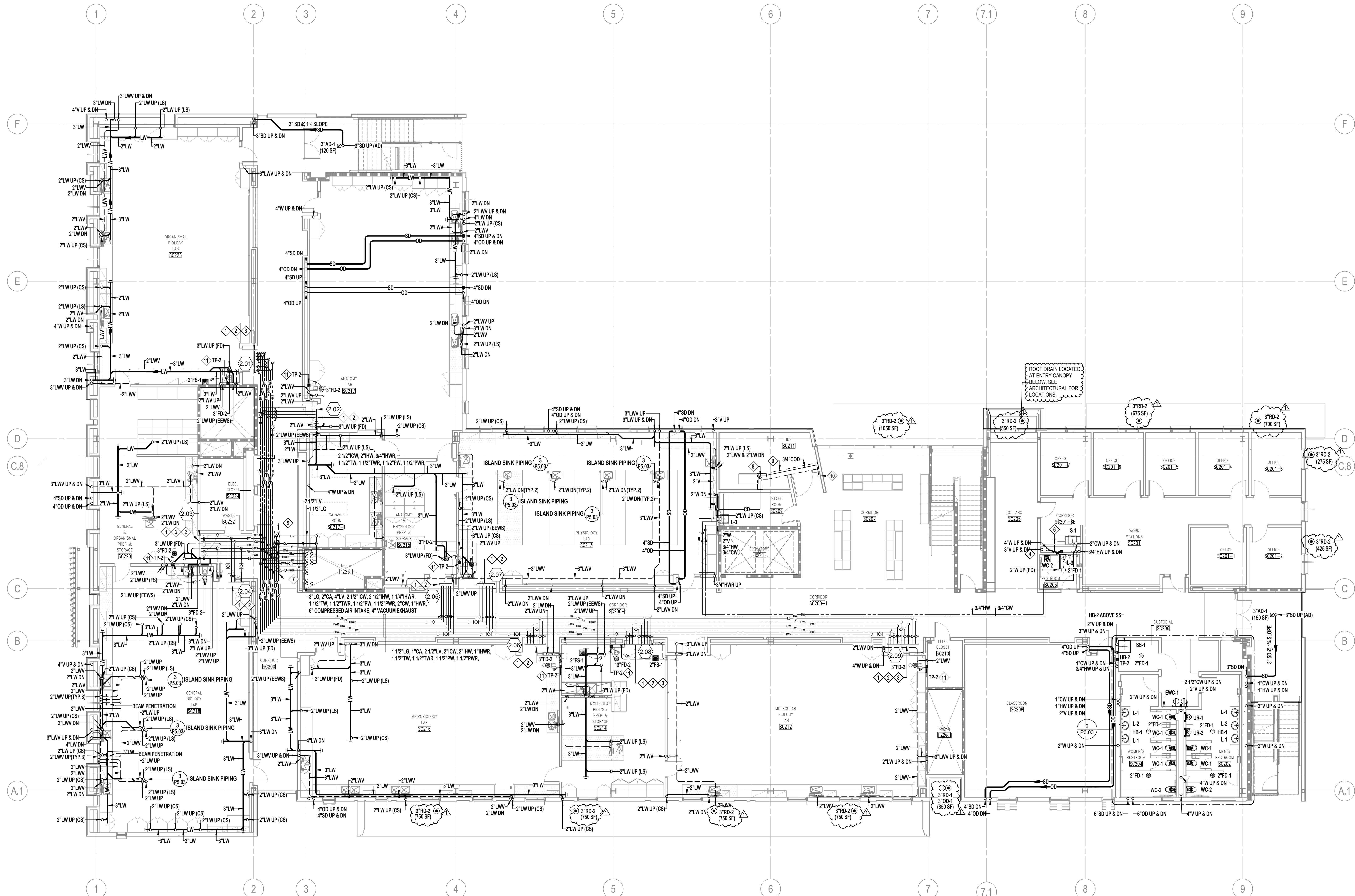
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PLUMBING SECOND LEVEL PLAN

DATE: JULY 06, 2017

P2.02

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1 PLUMBING FLOOR PLAN - LEVEL 02
1/8" = 1'-0"

PLUMBING SHEET NOTES

- REFER TO KEYNOTE ON PLAN
- LINE SIZE SHUT OFF VALVES ABOVE CEILING IN CORRIDORS & NOT IN ALCOVE. REFER TO LAB CONSULTANT DRAWING FOR POC NUMBER & POC CONNECTION SCHEDULE. WHERE SHOWN SMALLER ON LPI, PROVIDE REDUCERS DOWNSTREAM OF THE SHUT OFF VALVES AT THE POC.
 - HW/TWR POC COMPLETE WITH BALANCING VALVE ASSEMBLY. REFER TO DETAIL 7P5.04.
 - PW POC ISOLATION SHUT-OFF VALVES ABOVE CEILING WITH NORMALLY CLOSED BY-PASS VALVE (TYPICAL). REFER TO DETAIL 1P5.02.
 - LINE SIZE SOV, TP-1 & WHA-1 COMPLETE WITH ACCESS PANEL.
 - PROVIDE LINE SIZE S.O.V. TO BRANCH OFF MAIN AT EACH FLOOR.
 - 3/4" CW SERVING REFRIGERATOR IN RECESSED VALVE BOX.
 - GEORGE FISCHER "ROTAMETER" FLOW RATE INDICATOR # 198 806 235 (INSTALL IN VERTICAL POSITION). REFER TO DETAIL 6P5.04.
 - 3/4" INSULATED CD COMPLETE WITH DEEP SEAL TRAP & DISCHARGE TO LAVATORY VIA CD TAILPIECE. REFER TO DETAILS 4 & 7P5.02.
 - PROVIDE & INSTALL ALL SOLDERED SHEET METAL AUXILIARY DRAIN PAN WITH 3/4" BUSING & DRAIN TO OUTSIDE OF ROOM (REQUIRED UNDER ALL PLUMBING PIPES & EQUIPMENT IN THIS ROOM).
 - 3/4" INSULATED CD OVERFLOW DAYLIGHTS TO PUBLIC AREA AT CEILING WITH ESCUTCHEON PLATE. REFER TO DETAIL 4P5.02.
 - ELECTRONIC TRAP PRIMER (TP-2) TO CONNECT 1/2" WATER SUPPLY FROM NEAREST CW OR ICW LINE. PROVIDE SOV & ACCESS PANEL PER DETAIL 6P5.02. TRAP PRIMER TO SERVE FLOOR DRAIN, FLOOR SINK OR EMERGENCY EYEWASH. COORDINATE ELECTRONIC TRAP PRIMER 120 VAC POWER SUPPLY WITH ELECTRICAL.

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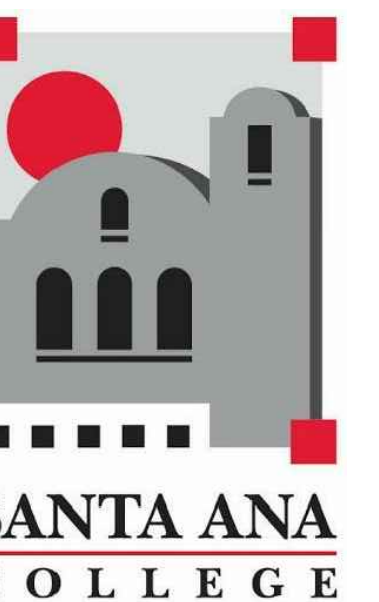
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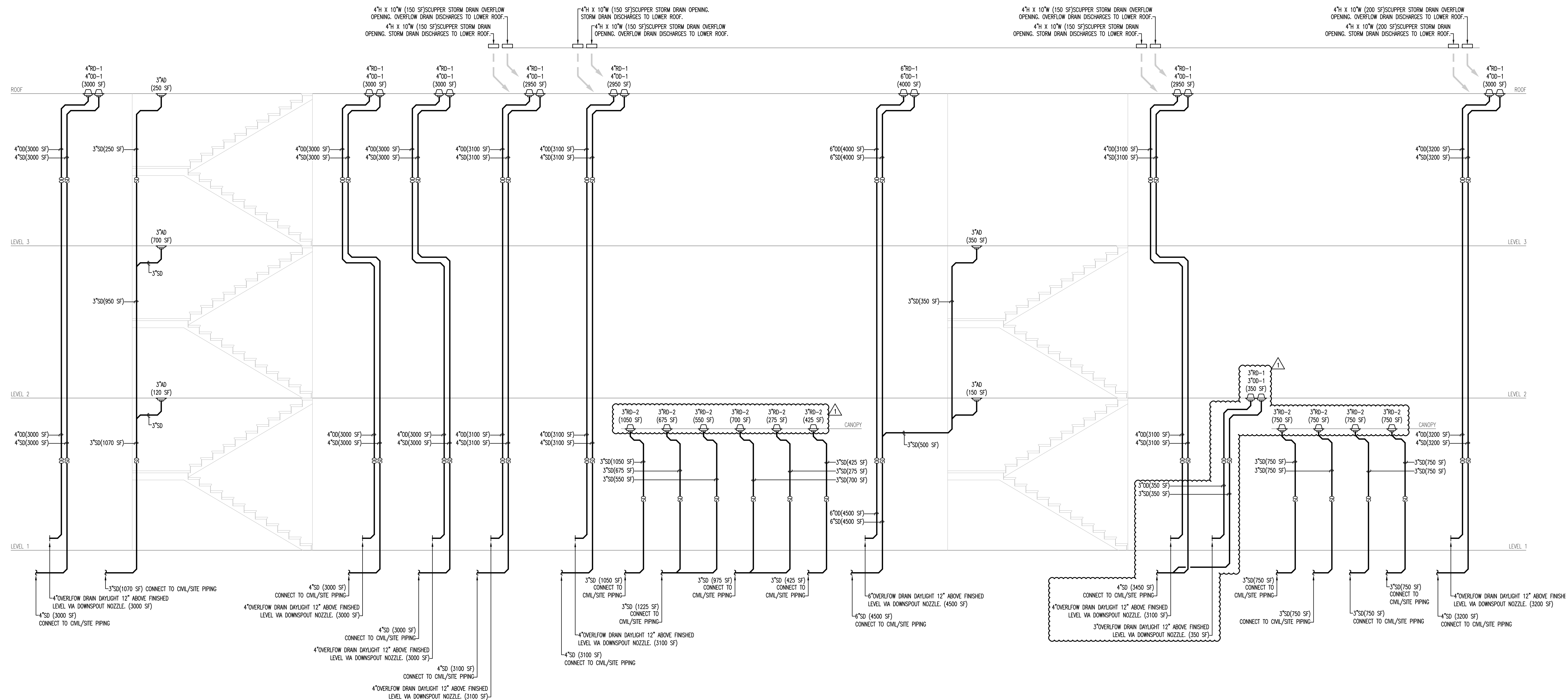
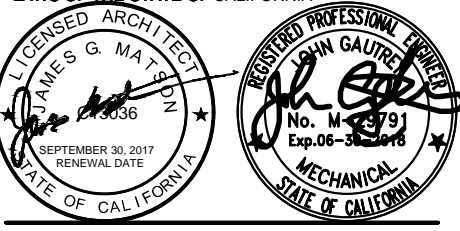
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NAME: JOHN GAUTREY
DATE: DECEMBER 16, 2016
REGISTRATION NUMBER: 4429761



NO.	DESCRIPTION	DATE
1	ADDENDUM 1	8/23/17

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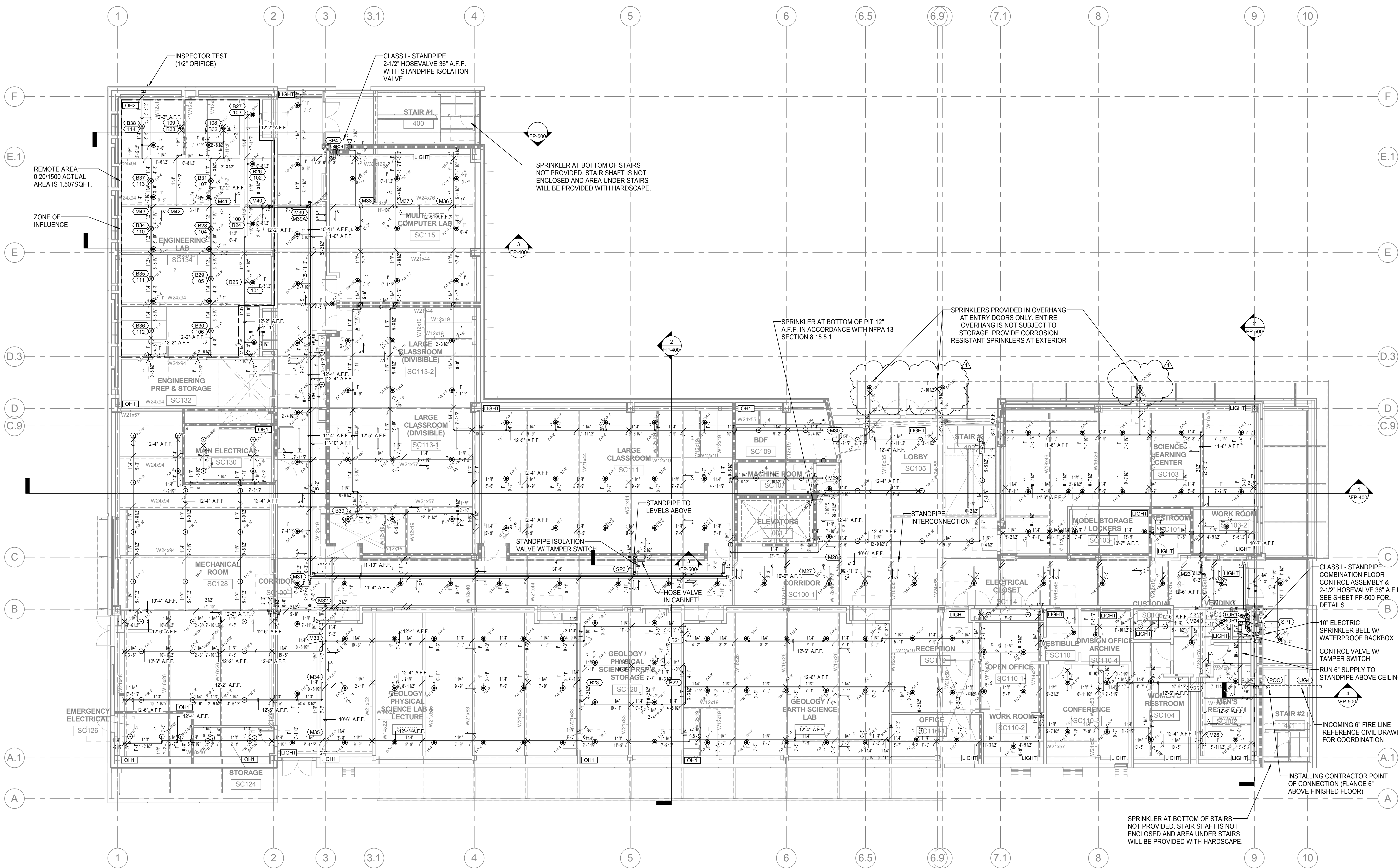
**STORM DRAIN
RISER DIAGRAM**

DATE: JULY 06, 2017

P4.13

ADDENDA PACKAGE

Drawing Name: C:\2014\201406\20140601\060101\060101.dwg
Date: 06/21/2017 11:01:48 AM
User: JG
Printer:



1 FIRE SPRINKLER PIPING PLAN - LEVEL 01
 1/8" = 1'-0"

SYMBOL LEGEND	
●	Q.R. SEMI-RECESSED PENDENT SPRINKLER 5.6K
●	Q.R. SEMI-RECESSED PENDENT SPRINKLER 8.0K
○	Q.R. HORIZONTAL SIDEWALL SPRINKLER 5.6K
○	Q.R. UPRIGHT SPRINKLER 5.6K
○	Q.R. UPRIGHT SPRINKLER 8.0K
□	HOSE CABINET W/ 2-1/2"x2-1/2" VALVE
—	LONGITUDINAL SEISMIC BRACE - SEE SHEET FP-502 FOR DETAILS
—	LATERAL SEISMIC BRACE - SEE SHEET FP-502 FOR DETAILS
○	RATED WALL PENETRATION
—	HYDRAULIC REFERENCE NODE
—	HANGER LOCATION - SEE SHEET FP-501 FOR DETAILS
×	END OF LINE RESTRAINT LOCATION - SEE SHEET FP-500 FOR DETAILS

WALL LEGEND	
—	INTERIOR PARTITION - SEE A660 FOR MORE INFORMATION
—	1-HR FIRE RATED PARTITION
—	TYPICAL EXTERIOR WALL

FOR SPRINKLER LEGEND REFER TO SHEET FP-001

HYDRAULIC DESIGN INFORMATION		
AREA LOCATION	ENGINEERING LAB	
SYSTEM TYPE	NEW WET	
HAZARD	OH2	
NO. OF FLOWING SPRINKLERS	15	
SPRINKLER K-FACTOR	3.14 INCH, 8.0K	
DENSITY	0.20	
AREA OF OPERATION	1507	
HOSE WATER ALLOWANCE		
INSIDE	100	OUTSIDE 150
SYSTEM DEMAND		
REQUIRED	BASE OF RISER	SOURCE
PRESSURE (PSI)	43.2	52.6
FLOW (GPM)	408	658.1
PSI AVAILABLE	54.8	
GPM AVAILABLE	658.1	
SAFETY FACTOR PSI	2	
SAFETY FACTOR ABOVE IS IN ADDITION TO 10% MARGIN TAKEN FROM FLOW TEST.		

ENGINEERING LAB CALCULATION:
 THE REMOTE AREA INCLUDES 11 UPRIGHT SPRINKLERS AT THE DECK AND 4 PENDENT SPRINKLER ALONG THE EAST SOFFIT. PENDENTS NEAR THE CENTER OF THE ROOM ARE IN FLOATING CEILING PANELS AND NOT INCLUDED IN THE CALCULATION. THESE PENDENT SPRINKLER ARE NOT REQUIRED TO BE INCLUDED IN THE CALCULATION PER NFPA 13 - 23.4.4.6.3.1. REFER TO SHEET FP-301 FOR CLARIFICATION OF SPRINKLER LAYOUT.

NO.	DESCRIPTION	DATE
1	Addendum 1	8/23/17

FIRE SPRINKLER PIPING PLAN - LEVEL 01

DATE: JULY 06, 2017

FP-201

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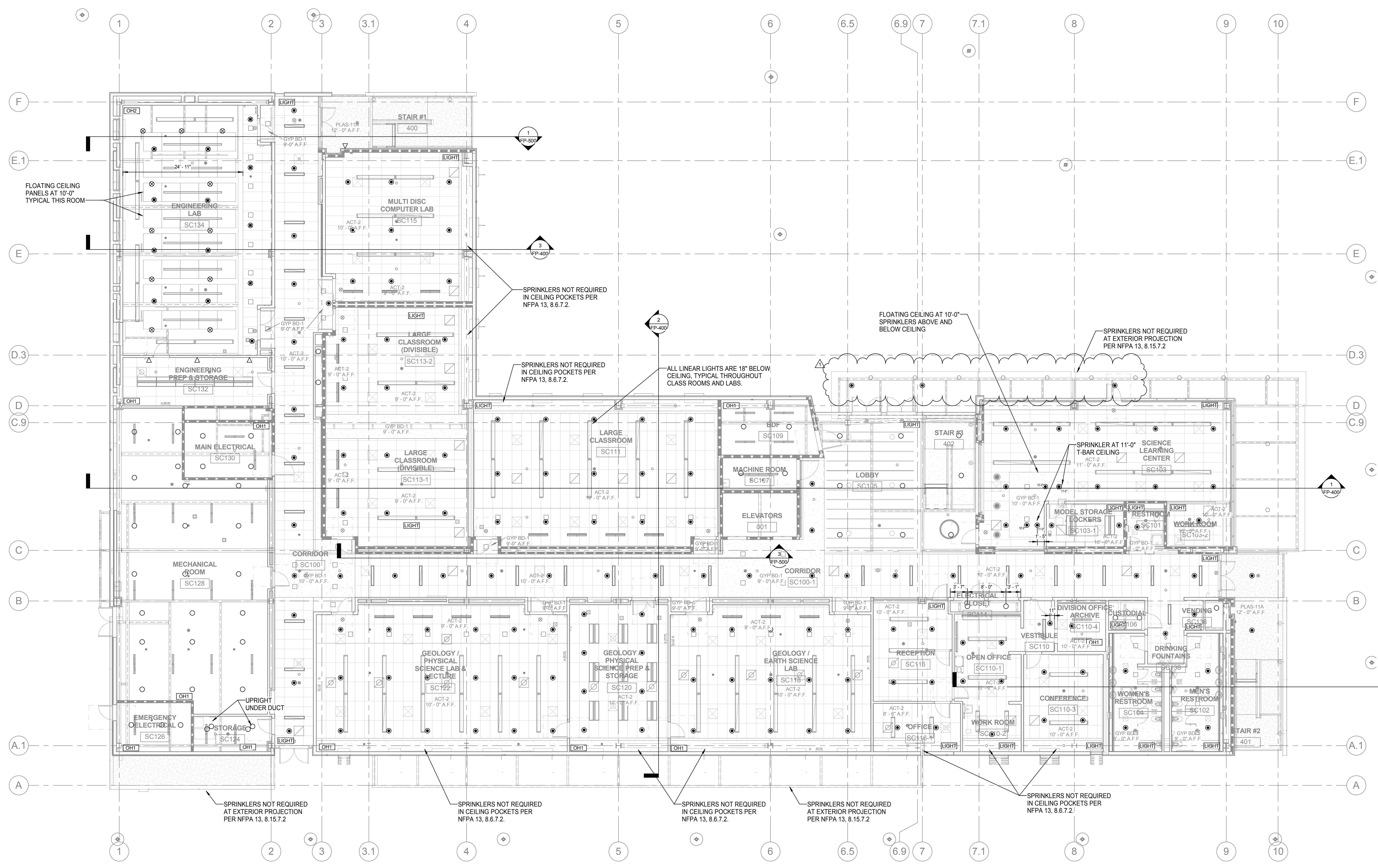


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NAME: Pyram Vaidyanathan
 DATE: 07/06/2017
 REGISTRATION NUMBER: PP 1658



1 FIRE SPRINKLER PLAN - LEVEL 01
 1/8" = 1'-0"

DESIGN CRITERIA

SPRINKLER SYSTEM SHALL BE DESIGNED AS LIGHT HAZARD IN ACCORDANCE WITH NFPA 13 UNLESS SPECIFIED OTHERWISE.

- [OH1] ORDINARY HAZARD GROUP 1
- [OH2] ORDINARY HAZARD GROUP 2

GENERAL NOTES

1. SPRINKLER SHALL BE INSTALLED NO LESS THAN 4" FROM WALL.
2. MINIMUM DISTANCE BETWEEN SPRINKLERS ARE 6'-0".

NO.	DESCRIPTION	DATE
1	Addendum 1	8/23/17

ISSUANCE HISTORY - THIS SHEET
 DRAWN BY: MCL REVIEW BY: YCK
 HGA NO: 3584-001-00

FIRE SPRINKLER RCP - LEVEL 01

DATE: JULY 06, 2017

FP-301

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