



Additions and Renovations
Platt Technical High School
Milford, CT

ADDENDUM NO. 3

August 2, 2019

The original Specifications and Drawings dated May 24, 2019, Addendum No.1 dated July 23, 2019 and Addendum No.2 dated July 29, 2019 for the above-captioned project are amended as stated in this Addendum. This Addendum consists of 16 (sixteen) pages, plus the following attachments.

ATTACHMENTS

PROJECT MANUAL

SECTION 01 56 39 – TEMPORARY TREE AND PLANT PROTECTION (4 pages)

SECTION 10 14 00.03 – SIGNAGE – DRAWINGS

103, 104, 208, 212, 318, 319, 320, 321, 322, 323, 324, 325, 337, 338, 350, 353, 360, 360.1, 401, 402, 403, 404, 405, 406, 407.2, 407.3 (26 pages)

ARCHITECTURAL SKETCHES

RA3-09, RA3-21 (2 pages)

ARCHITECTURAL DRAWINGS

A1-1-1B, A1-1-2A, A1-1-2B, A1-1-2C, A1-1-2D, A1-1-2E, A2-1-1, A2-1-3, A2-1-4, A2-1-5, A2-1-6, A6-3-4, A6-3-5, A6-3-6, A6-3-12, A6-3-13, A6-3-14, A6-3-15, A6-3-21 (19 pages)

STRUCTURAL SKETCHES

RS3-005 (1 page)

STRUCTURAL DRAWINGS

S1-1-1E, S1-1-1F, S3-2-2 (3 pages)

PLUMBING DRAWINGS

P1-1-UB, P1-1-1B (2 pages)

MECHANICAL DRAWING

M1-1-1B (1 page)

ELECTRICAL DRAWINGS

E2-1-1B, E3-1-1A, E3-1-1B, E8-1-4 (4 pages)

BIDDER QUESTION LOG (SEE ATTACHMENT), dated 8-2-2019.



AMENDMENTS TO PROJECT MANUAL

DIVISION 00 – PROCUREMENT AND CONTRACTING REQUIREMENTS

ADD 3-001 SECTION 00 01 10 – TABLE OF CONTENTS

Page 2: ADD “Section 01 56 39, Temporary Tree and Plant Protection”

ADD 3-002 SECTION 00 01 15 – LIST OF DRAWING SHEETS

Page 7, REVISE drawing list per the following:

- Drawing A6-3-5:** REVISE drawing name to “CURTAIN WALL AND STOREFRONT TYPES.”
- Drawing A6-3-6:** REVISE drawing name to “CURTAIN WALL TYPES.”
- Drawing A6-3-14:** REVISE drawing name to “CURTAIN WALL AND EXTERIOR STOREFRONT DETAILS.”
- Drawing A6-3-15:** REVISE drawing name to “CURTAIN WALL AND EXTERIOR STOREFRONT DETAILS.”
- Drawing A6-3-21:** ADD drawing sheet “A6-3-21, CURTAIN WALL DETAILS”

DIVISION 01 – GENERAL REQUIREMENTS

ADD 3-003 SECTION 01 56 39 – TEMPORARY TREE AND PLANT PROTECTION

ADD specification section.

DIVISION 03 – CONCRETE

ADD 3-004 SECTION 03 45 00 – ARCHITECTURAL PRECAST CONCRETE

Page 1, Article 1.4, Paragraph A, REPLACE Sub-paragraph “1” and ADD Sub-paragraphs 2 thru 4 per the following:

1. Wind Pressure: Values are based on FM Global Data Sheet 1-28, Section 2.7, for use of ASCE 7-10 values modified to allowable pressures with a safety factor of 2.0. Refer to Structural drawing SO-0-1 (*modified in Addendum No.1*).
2. Wind Speed: Refer to Structural drawing SO-0-1.
3. Building Risk Category: Refer to Structural drawing SO-0-1.
4. Exposure Category: Refer to Structural drawing SO-0-1.”

DIVISION 05 – METALS

ADD 3-005 SECTION 05 12 04 – STRUCTURAL STEEL

Page 4, Part 3, ADD the following Sections:

- “3.4 ARCHITECTURALLY EXPOSED STRUCTURAL STEEL (AESS)
 - Fabrication and tolerances shall conform to the requirements of Section 10 of the 2016 AISC Code of Standard Practice for AESS category 2.
 - All members shall be straight and true.
 - Welds shall be smooth and uniform.
 - Field modifications to AESS members are not permitted.
 - All AESS members shall receive a blast cleaning.



- All structural steel scheduled to receive intumescent paint shall be fabricated as AESS.
- All AESS shall receive a shop applied primer coat in accordance with the requirements of the intumescent paint supplier.”

DIVISION 07 – THERMAL AND MOISTURE PROTECTION

ADD 3-006 SECTION 07 42 00 – METAL WALL PANELS

Page 2, Article 1.3, ADD Paragraph “G” per the following:

- “G. Windborne-Debris Impact Resistance Performance: Pass missile-impact and cyclic-pressure test per ASTM E 1886 and ASTM E 1996 for Wind Zone indicted on Structural Drawings.
- a. Large-Missile Test: For wall located within 30 feet of grade.”

DIVISION 08 – OPENINGS

ADD 3-007 SECTION 08 41 10 – ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS

Page 1, Article 1.3, REPLACE Paragraph A with the following:

- “A. Delegated Design: Design glazed entrance and storefront system, including comprehensive engineering analysis by a qualified professional engineer, using performance requirements and design criteria indicated.
5. Wind Pressure: Values are based on FM Global Data Sheet 1-28, Section 2.7, for use of ASCE 7-10 values modified to allowable pressures with a safety factor of 2.0. Refer to Structural drawing S0-0-1 (*modified in Addendum No.1*).
 6. Wind Speed: Refer to Structural drawing S0-0-1.
 7. Building Risk Category: Refer to Structural drawing S0-0-1.
 8. Exposure Category: Refer to Structural drawing S0-0-1.”

ADD 3-008 SECTION 08 41 10 – ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS

Page 2, Article 1.3, REPLACE Paragraph “C” with the following:

- “C. Structural Loads: Wind and seismic loads as indicated on the Structural Drawings, but not less than that required by FM Global and Code. Whichever is more stringent shall apply.

ADD 3-009 SECTION 08 41 10 – ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS

Page 3, Article 1.3, ADD the following Paragraph after Paragraph “I”:

- “J. Test criteria for large missile impact per FM Global Data Sheet 1-28 requirements:
1. Large Missile Lever (C or D) Impact Test conducted on test units in accordance with TAS 201 or ASTM E 1886/E 1996. Upon completion of the missile impact tests, the test units shall be tested in accordance with TAS 203 or ASTM E 1996 cyclic load test.

ADD 3-010 SECTION 08 41 10 – ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS

Page 5, Article 1.7, Paragraph A, Sub-paragraph 1, REPLACE “Ten years” with “Twenty years.”

ADD 3-011

SECTION 08 41 10 – ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS

Page 5, REPLACE Article “2.1” with the following:

“2.1 MANUFACTURERS

- A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - 1. Interior Storefront, 2 inch by 4-1/2 inch profile: Provide pocket reducer as needed.
 - a. EFCO, a Pella Company.
 - 1) Basis of Design: EFCO’s 402 Storefront System.
 - b. Kawneer North America.
 - c. Oldcastle BuildingEnvelope.
 - d. Tubelite Inc.
 - e. United States Aluminum.
 - f. YKK AP America Inc.
 - 2. Exterior Storefront, Thermal Break, 2-1/2 inch by 5 inch profile:
 - a. EFCO, a Pella Company.
 - 1) Basis of Design: EFCO’s 526 Impact Grade, Thermal Impact Storefront System.
 - b. Kawneer North America.
 - c. Oldcastle Building Envelope.
 - d. Tubelite Inc.
 - e. United States Aluminum.
 - f. YKK AP America Inc.
 - 3. Interior Doors, Wide Stile:
 - a. EFCO, a Pella Company.
 - 1) Basis of Design: D-500.
 - b. Kawneer North America.
 - c. Oldcastle Building Envelope.
 - d. Tubelite Inc.
 - e. United States Aluminum Corp.
 - f. YKK AP America Inc.
 - 4. Exterior Doors, Wide Stile, Thermally-Broken:
 - a. EFCO, a Pella Company.
 - 1) Basis of Design: D-518 (Impact Rated).
 - b. Kawneer North America.
 - c. Oldcastle Building Envelope.
 - d. Tubelite Inc.
 - e. United States Aluminum Corp.
 - f. YKK AP America Inc.

ADD 3-012

SECTION 08 41 10 – ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS

Page 8, Article 2.9, Paragraph A, REPLACE Sub-paragraph “1” with the following:

“1. Basis of Design: EFCO 321X (impact rated).”



- ADD 3-013 SECTION 08 41 10 – ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS**
Page 11, Article 2.12, Paragraph C, REPLACE Sub-paragraph “1” with the following:
“1. Color: Prior to fabrication, obtain Architect’s approval on color sample. Color shall be selected by Architect during Submittal Procedures from PPG Duranar XL Coating group (3-coat system: primer, color & clear coat).
a. Metallic color.”
- ADD 3-014 SECTION 08 41 10 – ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS**
Page 11, ADD Article “2.14” per the following:
“2.14 RIGID INSULATION
A. Mineral wool, non-structural insulated sheathing board equal to Rockwool’s Comfortboard 80. Total of 4” thick – comprised of two layers of two-inch thick boards.
B. Provide at the interior face of spandrel glass Type GX2.
C. Provide at the interior face of aluminum infill panels.”
- ADD 3-015 SECTION 08 44 10 – GLAZED ALUMINUM CURTAIN WALLS**
Page 2, Article 1.3, REPLACE Paragraph A with the following:
“A. Delegated Design: Design glazed entrance and curtain wall, including comprehensive engineering analysis by a qualified professional engineer, using performance requirements and design criteria indicated.

9. Wind Pressure: Values are based on FM Global Data Sheet 1-28, Section 2.7, for use of ASCE 7-10 values modified to allowable pressures with a safety factor of 2.0. Refer to Structural drawing S0-0-1 (*modified in Addendum No.1*).
10. Wind Speed: Refer to Structural drawing S0-0-1.
11. Building Risk Category: Refer to Structural drawing S0-0-1.
12. Exposure Category: Refer to Structural drawing S0-0-1.”
- ADD 3-016 SECTION 08 44 10 – GLAZED ALUMINUM CURTAIN WALLS**
Page 3, Article 1.3, REPLACE Paragraph “C” with the following:
“C. Structural Loads: Wind and seismic loads as indicated on the Structural Drawings, but not less than that required by FM Global and Code. Whichever is more stringent shall apply.
- ADD 3-017 SECTION 08 44 10 – GLAZED ALUMINUM CURTAIN WALLS**
Page 4, Article 1.3, ADD the following Paragraph after Paragraph “L”:
“M. Test criteria for large missile impact per FM Global Data Sheet 1-28 requirements:
1. Large Missile Lever (C or D) Impact Test conducted on test units in accordance with TAS 201 or ASTM E 1886/E 1996. Upon completion of the missile impact tests, the test units shall be tested in accordance with TAS 203 or ASTM E 1996 cyclic load test.
- ADD 3-018 SECTION 08 44 10 – GLAZED ALUMINUM CURTAIN WALLS**
Page 8, Article 1.7, Paragraph B, Sub-paragraph 1, REPLACE “Ten years” with “Twenty years.”
- ADD 3-019 SECTION 08 44 10 – GLAZED ALUMINUM CURTAIN WALLS**
Page 9, Article 2.2, REPLACE Paragraph “B” with the following:
“B. Exterior Doors, Wide Stile, Thermally-Broken:
1. Basis of Design: EFCO, a Pella Company, D-518 (Impact Rated).
2. Kawneer North America
3. YKK AP America Inc.

- ADD 3-020 SECTION 08 44 10 – GLAZED ALUMINUM CURTAIN WALLS**
Page 11, Article 2.4, ADD Paragraph “I” per the following:
“1. Glazing pockets shall be sized to comply with FM Global wind pressures and impact requirements.
- ADD 3-021 SECTION 08 44 10 – GLAZED ALUMINUM CURTAIN WALLS**
Page 13, Article 2.8, ADD Paragraph “7” per the following:
“7. Exterior perimeter sealants for transitions between Aluminum Framing and Air/Vapor Barrier System shall be compatible with Air and Vapor Barrier System.”
- ADD 3-022 SECTION 08 44 10 – GLAZED ALUMINUM CURTAIN WALLS**
Page 15, Article 2.10, Paragraph C, REPLACE Sub-paragraph “1” with the following:
“1. Color: Prior to fabrication, obtain Architect’s approval on color sample. Color shall be selected by Architect during Submittal Procedures from PPG Duranar XL Coating group (3-coat system: primer, color & clear coat).
a. Metallic color.”
- ADD 3-023 SECTION 08 44 10 – GLAZED ALUMINUM CURTAIN WALLS**
Page 15, ADD Article “2.12” per the following:
“2.12 OPERABLE VENT WINDOWS
- A. General - Unit Description:
1. Basis of Design: EFCO 321X (impact rated).
 2. Operation: Project out (out-swinging) in configurations as indicated.
 3. Performance Requirements:
 - a. The operable vents shall be Architectural Aluminum Windows in accordance with AAMA 501, Methods Of Test For Metal Exterior Walls.
 - b. Air infiltration, water resistance, structural performance, and thermal movement shall be the same as specified herein for curtain wall system.
 - c. Condensation Resistance Factor (CRF) will be determined in accordance with AAMA Specification 1503.1 – 1988 Procedure. Test unit 6'0" x 6'8" using two equal size lites of 1" insulating glass units composed of two nominal “clear lites with a nominal” air space and an aluminum spacer system. The thermal transmittance coefficient (U Value) will be determined in accordance with ASTM C 236-89 and AAMA 1503.1 – 1988.
 - 1) Thermal Performance Ratings:
 - a) Condensation Resistance Factor – Frame 70
 - b) Condensation Resistance Factor – Glass 56
 - c) Thermal Transmittance due to conduction $U = 0.65$
(U values expressed in BTU/hr/ft²/°F).
- B. Fabricate aluminum operable vents that can be re-glazed without dismantling sash.
- C. Weather Stripping: Provide two rows of compression type full-perimeter weather stripping for each operable sash and ventilator; of neoprene / EPDM alloy or santoprene.
- D. Weep Holes: Provide weep holes and internal passages to conduct infiltrating water to exterior.

- E. Structural Silicone Glazing: Provide 4-sided aluminum leg to support glass, tubular, interior plane, flush-with-frame. Glaze units in accordance with requirements specified in Section 088000 - GLAZING.
 - 1. Glazing: Same as adjacent structural-sealant-glazed curtain-wall glazing.
- F. Hardware: Provide the following operating hardware:
 - 1. Window-Operating Hardware: Cam-Type Operators that has meet Impact Testing. Wickets as required to access hardware.
 - a. As selected by Architect from manufacturer's full range of types and styles.
 - b. Limiter: Include devices to limit opening size to less than 4 inches.
 - 2. Hinges: Concealed four- or six-bar friction hinges located on each jamb near top rail; two per ventilator.
 - 3. Insect Screens: Provide removable insect screen on each operable exterior sash, with screen frame finished to match window unit, complying with SMA 1004 or SMA 1201, and as follows:
 - a. Aluminum Wire Fabric: 18-by-18 mesh of 0.013-inch- (0.3-mm-) diameter, coated aluminum wire.
- G. Aluminum Finish: Match finish of framing members.”

ADD 3-024 SECTION 08 44 10 – GLAZED ALUMINUM CURTAIN WALLS
Page 15, ADD Article “2.13” per the following:

“2.13 RIGID INSULATION

- A. Mineral wool, non-structural insulated sheathing board equal to Rockwool’s Comfortboard 80. Total of 4” thick – comprised of two layers of two-inch thick boards.
- B. Provide at the interior face of spandrel glass Type GX2.
- C. Provide at the interior face of aluminum infill panels.”

ADD 3-025 SECTION 08 45 23 – FIBERGLASS-SANDWICH-PANEL ASSEMBLIES
Page X, Article

ADD 3-026 SECTION 08 45 23 – FIBERGLASS-SANDWICH-PANEL ASSEMBLIES
Page 1, Article 1.3, REPLACE Paragraph “A” with the following:

“A. Delegated Design: Design glazed Fiberglass Sandwich Panel Assembly, including comprehensive engineering analysis by a qualified professional engineer, using performance requirements and design criteria indicated.

- 1. Wind Pressure: Values are based on FM Global Data Sheet 1-28, Section 2.7, for use of ASCE 7-10 values modified to allowable pressures with a safety factor of 2.0. Refer to Structural drawing S0-0-1 (*modified in Addendum No.1*).
- 2. Wind Speed: Refer to Structural drawing S0-0-1.
- 3. Building Risk Category: Refer to Structural drawing S0-0-1.
- 4. Exposure Category: Refer to Structural drawing S0-0-1.”



- ADD 3-027 SECTION 08 45 23 – FIBERGLASS-SANDWICH-PANEL ASSEMBLIES**
Page 6, Article 2.3, Paragraph A, REVISE Sub-paragraph 12 as follows:
“12. Wind Load: Comply with requires of FM Global, Property Loss Pretension Data Sheet 1-28.”
- ADD 3-028 SECTION 08 45 23 – FIBERGLASS-SANDWICH-PANEL ASSEMBLIES**
Page 6, Article 2.3, Paragraph D, REVISE Sub-paragraph “1b” per the following:
“b. Thickness: 0.052 inch, High Impact.”
- ADD 3-029 SECTION 08 45 23 – FIBERGLASS-SANDWICH-PANEL ASSEMBLIES**
Page 6, Article 2.3, Paragraph E, ADD the following sentence:
“Adhesive shall pass testing requirements specified by the International Code Council ‘Acceptance Criteria for Sandwich Panel Adhesives’.”
- ADD 3-030 SECTION 08 45 23 – FIBERGLASS-SANDWICH-PANEL ASSEMBLIES**
Page 7, Article 2.4, Paragraph A, Sub-paragraph 3, ADD Sub-sub-paragraph “d” per the following:
“d. Windows shall be Large Missile Tested and Certified to TAS 201, TAS 202, TAS 203, ASTM E1886 and ASTM E 1996.”
- ADD 3-031 SECTION 08 80 00 – GLAZING**
Page 2, Article 1.4, Paragraph B, Sub-Paragraph 1, REPLACE Sub-sub-Paragraph “a” per the following:
“a. Specified Design Wind Loads: Wind loads as indicated on the Structural Drawings, but not less than that required by FM Global and Code. Whichever is more stringent shall apply.”
- ADD 3-032 SECTION 08 80 00 – GLAZING**
Page 6, Article 2.1, Paragraph A, Sub-paragraph 1: Within the first paragraph DELETE the words “1” thick.”

Page 6, Article 2.1, Paragraph A, REVISE Sub-paragraph 1a to READ:
“a. Composition:
1) Exterior Glass Ply: 1/4” Blue-Green, tempered
2) Coating: Low-E on #2 Surface
3) Airspace: 1/2” airspace, mill finished, argon filled
4) Silicon: Black
5) Interior Glass Ply: **Clear, laminated glass consisting of two layers of ¼” heat strengthened glass. At Storefront provide 0.090” Sentry Guard Plus interlayer by DuPont. At Curtainwall provide 0.060” Sentry Guard Plus interlayer by DuPont.**”

ADD 3-033

SECTION 08 80 00 – GLAZING

Page 6, Article 2.1, Paragraph A, Sub-paragraph 2: Within the first paragraph DELETE the words “1” thick.”

Page 6, Article 2.1, Paragraph A, REVISE Sub-paragraph 2a to READ:

"a. Composition:

- 1) Exterior Glass Ply: 1/4" Blue-Green, tempered
- 2) Coating: Low-E on #2 Surface
- 3) Airspace: 1/2" airspace, mill finished, argon filled
- 4) Silicon: Black
- 5) Interior Glass Ply: **Clear, laminated spandrel glass with Viraspan: V933. Glass composition consisting of two layers of 1/4" heat strengthened glass. At Storefront provide 0.090" Sentry Guard Plus interlayer by DuPont. At Curtainwall provide 0.060" Sentry Guard Plus interlayer by DuPont.**
- 6) **Spandrel Silkscreen to be placed on #6 surface."**

ADD 3-034

SECTION 08 80 00 – GLAZING

Page 7, Article 2.1, Paragraph A, REVISE Sub-paragraph 3a to READ:

"a. Composition: “VE6-2M” Insulated Coated Glass as manufactured by Viracon.

- 1) Exterior Glass Ply: 1/4" Blue-Green, tempered
- 2) Coating: Low-E on #2 Surface
- 3) Airspace: 1/2" airspace, mill finished, argon filled
- 4) Silicon: Black
- 5) Interior Glass Ply: **Silkscreened, laminated glass consisting of two layers of 1/4" heat strengthened glass. At Storefront provide 0.090" Sentry Guard Plus interlayer by DuPont. At Curtainwall provide 0.060" Sentry Guard Plus interlayer by DuPont.**
- 6) **Silkscreen: Viracon’s Viraspan Translucent Frit pattern ‘Simulated Sandblast V1086’ full coverage on #3 surface. Final pattern to be selected by Architect from manufacture’s full range of standard frit patterns."**

ADD 3-035

SECTION 08 80 00 – GLAZING

Page 7, Article 2.1, Paragraph A, REVISE Sub-paragraph 4a to READ:

"a. Composition: “VE6-2M” Insulated Coated Glass as manufactured by Viracon.

- 1) Exterior Glass Ply: 1/4" Blue-Green, tempered
- 2) Coating: Low-E on #2 Surface
- 3) Airspace: 1/2" airspace, mill finished, argon filled
- 4) Silicon: Black
- 5) Interior Glass Ply: **Silkscreened, laminated glass consisting of two layers of 1/4" heat strengthened glass. At Storefront provide 0.090" Sentry Guard Plus interlayer by DuPont. At Curtainwall provide 0.060" Sentry Guard Plus interlayer by DuPont.**
- 6) **Silk Screen: 1/8" dot, 40% coverage on #3 surface. Silk Screen dot pattern color to be Viracon’s Viraspan Opaque Frit ‘High-Opacity White V175.’ Final pattern and color to be selected by Architect from manufacturer’s full range of standard patterns.**

DIVISION 10 – SPECIALTIES

ADD 3-036 SECTION 10 14 00.03 – SIGNAGE - DRAWINGS

REPLACE the Following Drawing Sheets as Follows:

- Drawing 103 GRAPHIC ELEMENTS**
COL-02 specification revised per revised drawing 103.
- Drawing 104 GRAPHIC ELEMENTS**
Safety symbol for the carbon monoxide and fuel burning heating equipment added per revised drawing 104.

ADD 3-037 SECTION 10 14 00.03 – SIGNAGE - DRAWINGS

REPLACE the Following Drawing Sheets as Follows:

- Drawing 208 ELEVATION – SIGN TYPE 24**
Mounting height was added per revised drawing 208.
- Drawing 212 ELEVATION – SIGN TYPE 41 SIDE B**
Mounting height was moved per revised drawing 212.

ADD 3-038 SECTION 10 14 00.03 – SIGNAGE - DRAWINGS

REPLACE the Following Drawing Sheets as Follows:

- Drawing 318 SIGN TYPE 18 – STAIR LEVEL ID**
Note A material specification was modified to Acrylic per revised drawing 318.
- Drawing 319 SIGN TYPE 19 – ELEVATOR EVACUATION NOTICE**
Note A material specification was modified to Acrylic, graphic indicator for recessed backer added per revised drawings 319.
- Drawing 320 SIGN TYPE 20 – REGULATORY ID**
Note A material specification was modified to Acrylic per revised drawing 320
- Drawing 321 SIGN TYPE 21 – REGULATORY/INFORMATIONAL - SMALL**
Note A material specification was modified to Acrylic per revised drawing 321
- Drawing 322 SIGN TYPE 22 – INTERIOR FIRE DEPARTMENT REGULATORY**
Note A material specification was modified to Acrylic per revised drawing 322
- Drawing 323 SIGN TYPE 23 – DIRECTIONAL – WALL MOUNT**
Note B material specification was modified to Acrylic, Note D modified to remove building references and specify COL-02 only per revised drawing 323
- Drawing 324 SIGN TYPE 24 – DIRECTIONAL, SMALL – WALL MOUNT**
Note A modified to remove building references and specify COL-02 only, Note D material specification was modified to Acrylic, per revised drawing 324
- Drawing 325 SIGN TYPE 25 – FIRE ANNUNCIATOR PANEL**
Note A material specification was modified to Acrylic per revised drawing 325
- Drawing 337 SIGN TYPE 37 – SAFETY SIGN - GOGGLES**
Note A material specification was modified to Acrylic, Note pointer D moved per revised drawing 337
- Drawing 338 SIGN TYPE 38 – SAFETY SIGN – CARBON MONOXIDE & FUEL BURNING HEATING EQUIPMENT**
All note specifications added, Note pointed D moved per revised drawing 338

- Drawing 350** **SIGN TYPE 50 – EXTERIOR DOOR ID**
Note A material specification was modified to Acrylic, Note C material specification was modified to Aluminum per revised drawing 350
- Drawing 353** **SIGN TYPE 53 – EXTERIOR FIRE DEPARTMENT REGULATORY**
Note C material specification was modified to Aluminum per revised drawing 353
- Drawing 360** **SIGN TYPE 60 – MAIN SITE ID**
Vertical and horizontal dimensions were clarified per revised drawing 360
- Drawing 360.1** **SIGN TYPE 60 – MAIN SITE ID**
Note pointers A & C were moved per revised drawing 360.1

ADD 3-039 **SECTION 10 14 00.03 – SIGNAGE - DRAWINGS**

REPLACE the Following Drawing Sheets as Follows:

- Drawing 401** **DETAIL 401**
Note A material specification was modified to Photopolymer or Acrylic, Note C material specification was modified to Acrylic per revised drawing 401
- Drawing 402** **DETAIL 402**
Note A material specification was modified to Photopolymer or Acrylic, Note D material specification was modified to Acrylic, drawing dimensions were clarified and unnecessary dimensions removed per revised drawing 402
- Drawing 403** **DETAIL 403**
Note A material specification was modified to Photopolymer or Acrylic per revised drawing 403
- Drawing 404** **DETAIL 404**
Note C material specification was modified to Acrylic per revised drawing 404
- Drawing 405** **DETAIL 405**
Note B material specification was modified to Aluminum per revised drawing 405
- Drawing 406** **DETAIL 406**
Note A material specification was modified to Acrylic, Note B material specification was modified to Aluminum per revised drawing 406
- Drawing 407.2** **DETAIL 407.2**
Note pointer B was moved per revised drawing 407.2
- Drawing 407.3** **DETAIL 407.3**
Note pointer B was moved per revised drawing 407.3

ADD 3-040 **SECTION 10 51 10 – METAL LOCKERS**

Page 3, Article 2.2, DELETE Paragraph F (Locker Base) in its entirety. Relabel Paragraphs G thru M, to read F thru L.

DIVISION 11 – EQUIPMENT

ADD 3-041 **SECTION 11 57 30 – COSMETOLOGY EQUIPMENT**

DELETE 1.8 paragraph A.1a.

ADD 3-042 **SECTION 11 60 000 – FIXED CASEWORK AND EQUIPMENT**

Page 7, 2.4C Change edge of counter top to Maple edge, stain color to be selected by Architect. Delete reference to 3MM PVC Edging.



ADD 3-043 SECTION 11 60 00 – FIXED CASEWORK AND EQUIPMENT
Page 8, 2.5F Doors shall conform to 2.5E. Delete reference to plastic laminated construction in paragraph 2.5F.

ADD 3-044 SECTION 11 60 00 – FIXED CASEWORK AND EQUIPMENT
Page 9 2.5I Fume hoods, Haysite H193 interior liner shall be acceptable alternate to stone liner.

DIVISION 23 – HEATING VENTILATION AND AIR CONDITIONING

ADD 3-045 SECTION 23 11 13 – FUEL OIL PIPING
Page 5, Article 2.2 Fuel Oil Piping and Vent Piping: Add Paragraph B as follows:
B. Steel Pipe: ASTM A53 Schedule 40 black.
1. Fittings: ASME B16.3, malleable iron, or ASTM A234/A234M wrought carbon steel and alloy steel welding type.
2. Joints: Threaded for pipe 2 inch and smaller; welded for pipe 2-1/2 inches and larger.

DIVISION 26 – ELECTRICAL

ADD 3-046 SECTION 26 51 00 - LIGHTING
Attachment A, Page 5 - Type H Fixture: The fixture shall be 44 ¼" long. Basis of Design part number: ELECTRIX PART No. i400-07-44-W35-A-D-ARCH

DIVISION 31 – EARTHWORK

ADD 3-047 Section 31 10 00 – Site Clearing
Page 1, Article 1.2, Paragraph C; ADD subparagraph 7: "Division 01 Section "Temporary Tree and Plant Protection"
Page 3, Article 3.1; DELETE Paragraph B.
Page 4, Article 3.5, Paragraph B (2). REPLACE paragraph with the following:
2. Protect trees and plants to remain according to Division 01 Section Temporary Tree and Plant Protection where trees and plants to remain obstruct the installation of new construction.

DIVISION 32 – EXTERIOR IMPROVEMENTS

ADD 3-048 SECTION 32 14 00 – UNIT PAVING
Page 2, Article 2.1, Paragraph A, Subparagraph 1 REPLACE subparagraph with the following:
"1. Basis-of-Design: Subject to compliance with requirements, provide nominal 6x6 and nominal 12x12 concrete unit pavers manufactured by Hanover Architectural Products, Hanover PA (717) 637-0500 or comparable products from Tectura Designs by Wausau Tile Inc, or Unilock by Unilock New York, Inc."

Page 2, Article 2.1, Paragraph A ADD new subparagraph as follows:
"6. Spacer lugs: 6x6 and 12x12 unit pavers shall include spacer lugs compatible with the paving pattern as shown on the drawings."

AMENDMENTS TO DRAWINGS

GENERAL

- ADD 3-049** **INFO 1-0 – LIST OF DRAWINGS**
- Drawing A6-3-5:** REVISE drawing name to “CURTAIN WALL AND STOREFRONT TYPES.”
 - Drawing A6-3-6:** REVISE drawing name to “CURTAIN WALL TYPES.”
 - Drawing A6-3-14:** REVISE drawing name to “CURTAIN WALL AND EXTERIOR STOREFRONT DETAILS.”
 - Drawing A6-3-15:** REVISE drawing name to “CURTAIN WALL AND EXTERIOR STOREFRONT DETAILS.”
 - Drawing A6-3-21:** ADD drawing sheet “A6-3-21, CURTAIN WALL DETAILS”

ARCHITECTURAL

- ADD 3-050** **DRAWING A1-1-1B – FIRST FLOOR PLAN – AREA B**
Revision RA3-15:
Revised Aluminum Frame Tag “SF2” to read “CW34” and associated dimensions.
Revised Aluminum Frame Tag “SF3” to read “CW35.”
- ADD 3-051** **DRAWING A1-1-2A – CLERESTORY PLAN – AREA A**
Revision RA3-16:
Revised Aluminum Frame Tag “SF7” to read “CW36” and associated dimensions.
Revised Aluminum Frame Tag “SF8” to read “CW37.”
Revised Aluminum Frame Tag “SF20” to read “CW46” and associated dimensions.
- ADD 3-052** **DRAWING A1-1-2B – SECOND FLOOR PLAN – AREA B**
Revision RA3-17:
Revised Aluminum Frame Tag “SF13” to read “CW39.”
Revised Aluminum Frame Tag “SF18” to read “CW44” and associated dimensions.
Revised Aluminum Frame Tag “SF19” to read “CW45.”
- ADD 3-053** **DRAWING A1-1-2C – SECOND FLOOR PLAN – AREA C**
Revision RA3-18:
Revised Aluminum Frame Tag “SF14” to read “CW40.”
Revised Aluminum Frame Tag “SF16” to read “CW42.”
Revised Aluminum Frame Tag “SF17” to read “CW43” and associated dimensions.
- ADD 3-054** **DRAWING A1-1-2D – SECOND FLOOR PLAN – AREA D**
Revision RA3-19:
Revised Aluminum Frame Tag “SF15” to read “CW41.”
- ADD 3-055** **DRAWING A1-1-2E – SECOND FLOOR PLAN – AREA E**
Revision RA3-20:
Revised Aluminum Frame Tag “SF12” to read “CW38.”
Revised Aluminum Frame Tag “SF13” to read “CW39.”
- ADD 3-056** **DRAWING A2-1-1 – BUILDING ELEVATIONS**
Revision RA3-10:
Revised Aluminum Frame Tag “SF7” to read “CW36.”
Revised Aluminum Frame Tag “SF19” to read “CW45.”
Revised Aluminum Frame Tag “SF20” to read “CW46.”
Revised Aluminum Frame Tag “SF8” to read “CW37.”

- ADD 3-057 DRAWING A2-1-2 – BUILDING ELEVATIONS**
Elevation 5: REVISE graphics for precast panel H9A/732 per Sketch RA3-21.
- ADD 3-058 DRAWING A2-1-3 – BUILDING ELEVATIONS**
Revision RA3-11:
Revised Aluminum Frame Tag “SF12” to read “CW38.”
Revised Aluminum Frame Tag “SF13” to read “CW39.”
- ADD 3-059 DRAWING A2-1-4 – BUILDING ELEVATIONS**
Revision RA3-12:
Revised Aluminum Frame Tag “SF3” to read “CW35.”
Revised Aluminum Frame Tag “SF15” to read “CW41.”
Revised Aluminum Frame Tag “SF2” to read “CW34.”
- ADD 3-060 DRAWING A2-1-5 – BUILDING ELEVATIONS**
Revision RA3-13:
Revised Aluminum Frame Tag “SF14” to read “CW40.”
Revised Aluminum Frame Tag “SF17” to read “CW43.”
Revised Aluminum Frame Tag “SF15” to read “CW41.”
- ADD 3-061 DRAWING A2-1-6 – BUILDING ELEVATIONS**
Revision RA3-14:
Revised Aluminum Frame Tag “SF16” to read “CW42.”
Revised Aluminum Frame Tag “SF18” to read “CW44.”
- ADD 3-062 DRAWING A2-2-3 – DOOR, FRAME AND BORROWED LIGHT TYPES**
Revised dimensions of door Types AL1 & AL2 per Sketch RA3-09.
- ADD 3-063 DRAWING A6-3-4 – CURTAIN WALL AND STOREFRONT TYPES**
Revision RA3-1:
Frame Type SF5: Revised detail tag.
Frame Type CW27: Added steel girt note.
Frame Type CW29: Added note for opening in panel.
Frame Type CW35 (*previously SF3*): Revised frame type.
- ADD 3-064 DRAWING A6-3-5 – CURTAIN WALL AND STOREFRONT TYPES** (*previously titled Storefront Types*)
Revision RA3-2:
Frame Type CW36 (*previously SF7*): Revised frame type.
Frame Type CW37 (*previously SF8*): Revised frame type.
- ADD 3-065 DRAWING A6-3-6 – CURTAIN WALL TYPES** (*previously titled Storefront Types*)
Revision RA3-3:
Frame Type CW45 (*previously SF19*): Revised frame type.
Frame Type CW46 (*previously SF20*): Revised frame type.
Frame Type CW42 (*previously SF16*): Revised frame type.
Frame Type CW43 (*previously SF17*): Revised frame type.
Frame Type CW44 (*previously SF18*): Revised frame type.
Frame Type CW40 (*previously SF14*): Revised frame type.
Frame Type CW41 (*previously SF15*): Revised frame type.
Frame Type CW38 (*previously SF12*): Revised frame type.
Frame Type CW39 (*previously SF13*): Revised frame type.
Frame Type CW38 (*previously SF12*): Revised frame type.

- ADD 3-066 DRAWING A6-3-12 – CURTAIN WALL DETAILS**
Revision RA3-4:
Detail 2: Revised detail to reflect frame type changes.
Detail 6: Revised detail to reflect frame type changes.
Detail 10: Revised detail to reflect frame type changes.
Detail 14: Revised detail to reflect frame type changes.
- ADD 3-067 DRAWING A6-3-13 – CURTAIN WALL DETAILS**
Revision RA3-5:
Detail 6: Revised detail to reflect frame type changes.
- ADD 3-068 DRAWING A6-3-14 – CURTAIN WALL AND EXTERIOR STOREFRONT DETAILS**
(previously titled Exterior Storefront Details)
Revision RA3-6:
Detail 1 through 15: Revised detail to reflect frame type changes.
- ADD 3-069 DRAWING A6-3-15 – CURTAIN WALL AND EXTERIOR STOREFRONT DETAILS**
(previously drawing titled Exterior Storefront Details)
Revision RA3-7:
Detail 1 through 15: Revised detail to reflect frame type changes.
- ADD 3-070 DRAWING A6-3-21 – CURTAIN WALL DETAILS**
ADD this sheet per Revision RA3-8.

STRUCTURAL

- ADD 3-071 DRAWING S1-1-1E – FOUNDATION PLAN – AREA E**
Revised footing sizes, bottom of footing elevations and added sections for clarification per Revision RS3-002.
- ADD 3-072 DRAWING S1-1-1E – FOUNDATION PLAN – AREA E**
Added foundation wall, revised bottom footing elevation per Revision RS3-003.
- ADD 3-073 DRAWING S1-1-1E – FOUNDATION PLAN – AREA E**
Added support post note and clarified Top of Pier elevation per Revision RS3-004.
- ADD 3-074 DRAWING S1-1-1E – FOUNDATION PLAN – AREA E**
Added plan detail for clarification per Revision RS3-001.
- ADD 3-075 DRAWING S1-1-1F – FOUNDATION PLAN – AREA F**
Revised footing sizes, bottom of footing elevations and added sections for clarification per Revision RS3-002.
- ADD 3-076 DRAWING S2-4-1 – PRECAST BEAM & TEE SCHEDULE**
Revise Pre-cast Beam Schedule per Sketch RS3-005.
- ADD 3-077 DRAWING S3-2-2 – FOUNDATION PLAN DETAILS**
Added sections F1, F2, F3 for clarification per Revision RS3-2.
- ADD 3-078 DRAWING S3-2-2 – FOUNDATION PLAN DETAILS**
Added plan detail P3 per Revision RS3-001.

PLUMBING

ADD 3-079 DRAWING P-1-UB – UNDERSLAB PLUMBING PLAN AREA B
Removed washer and dryer electrical connections from Laundry/Storage B116 and relocated to Recycle Room B115 per Revision RP3-1.

ADD 3-080 DRAWING P-1-1B – FIRST FLOOR PLUMBING PLAN AREA B
Removed washer and dryer electrical connections from Laundry/Storage B116 and relocated to Recycle Room B115 per Revision RP3-2.

MECHANICAL

ADD 3-081 DRAWING M-1-1B – FIRST FLOOR MECHANICAL PLAN AREA B
Removed dryer duct connection from Laundry/Storage B116 and relocated to Recycle Room B115 per Revision RM3-1.

ELECTRICAL

ADD 3-082 DRAWING E2-1-1B – FIRST FLOOR ELECTRICAL POWER PLAN AREA B
Removed washer and dryer electrical connections from Laundry/Storage B116 and relocated to Recycle Room B115 per Revision RE3-1.

ADD 3-083 DRAWING E3-1-1A – FIRST FLOOR ELECTRICAL SYSTEMS PLAN AREA A
Relocated ceiling mounted junction box for monitor per Revision RE3-2.

ADD 3-084 DRAWING E3-1-1B – FIRST FLOOR ELECTRICAL SYSTEMS PLAN AREA B
Added clock receptacles in various locations per Revision RE3-3.

ADD 3-085 DRAWING E8-1-4 – ELECTRICAL PANELBOARD SCHEDULES
Revised washer and dryer circuit designations in panelboard PP5-1A per Revision RE3-4.

EQUIPMENT

ADD 3-086 EQ-3.1 CASEWORK ELEVATION
Item SC-10, change SS-4 sink to A-55 sink per specifications.

END OF ADDENDUM NO. 3



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 general protection and pruning of existing trees and plants that are affected by execution of the Work, whether temporary or permanent construction.
- B. Related Requirements:
 - 1. Section 31 10 00 "Site Clearing" for removing existing trees and shrubs.

1.3 DEFINITIONS

- A. Tree-Protection Zone: Area surrounding individual trees or groups of trees to be protected during construction and defined by a circle concentric with each tree with a radius 12 times the tree's caliper size and with a minimum radius of 96 inches unless otherwise indicated.
- B. Vegetation: Trees, shrubs, groundcovers, grass, and other plants.

1.4 PREINSTALLATION MEETINGS

- A. Preinstallation Conference: Conduct conference at Project site.
 - 1. Review methods and procedures related to temporary tree and plant protection including, but not limited to, the following:
 - a. Tree-service firm's personnel, and equipment needed to make progress and avoid delays.
 - b. Arborist's responsibilities.
 - c. Quality-control program.
 - d. Coordination of Work and equipment movement with the locations of protection zones.
 - e. Trenching by hand or with air spade within protection zones.
 - f. Field quality control.

1.5 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For arborist and tree service firm.

1.6 QUALITY ASSURANCE

- A. Arborist Qualifications: Certified Arborist as certified by ISA and licensed in jurisdiction where Project is located.
- B. Tree Service Firm Qualifications: An experienced tree service firm that has successfully completed temporary tree and plant protection work similar to that required for this Project and that will assign an experienced, qualified arborist to Project site during execution of the Work.
- C. Quality-Control Program: Prepare a written program to systematically demonstrate the ability of personnel to properly follow procedures and handle materials and equipment during the Work without damaging trees and plantings. Include dimensioned diagrams for placement of protection zone fencing and signage, the arborist's and tree-service firm's responsibilities, instructions given to workers on the use and care of protection zones, and enforcement of requirements for protection zones.

1.7 FIELD CONDITIONS

- A. The following practices are prohibited within protection zones:
 - 1. Storage of construction materials, debris, or excavated material.
 - 2. Moving or parking vehicles or equipment.

3. Foot traffic.
 4. Erection of sheds or structures.
 5. Impoundment of water.
 6. Excavation or other digging unless otherwise indicated.
 7. Attachment of signs to or wrapping materials around trees or plants unless otherwise indicated.
- B. Do not direct vehicle or equipment exhaust toward protection zones.
- C. Prohibit heat sources, flames, ignition sources, and smoking within or near protection zones and organic mulch.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Backfill Soil: Planting soil of suitable moisture content and granular texture for placing around tree; free of stones, roots, plants, sod, clods, clay lumps, pockets of coarse sand, concrete slurry, concrete layers or chunks, cement, plaster, building debris, and other extraneous materials harmful to plant growth.
1. Planting Soil: Planting soil as specified in Section 32 91 15 "Soil Preparation (Performance Specification)."
- B. Protection-Zone Fencing: Fencing fixed in position and meeting one of the following requirements: Previously used materials may be used when approved by Architect.
1. Chain-Link Protection-Zone Fencing: Galvanized-steel fencing fabricated from minimum 2-inch opening, 0.148-inch-diameter wire chain-link fabric; with pipe posts, minimum 2-3/8-inch-OD line posts, and 2-7/8-inch-OD corner and pull posts; with 1-5/8-inch-OD top rails or 0.177-inch-diameter top tension wire, and 0.177-inch-diameter bottom tension wire; with tie wires, hog ring ties, and other accessories for a complete fence system.
 - a. Height: 72 inches.
 2. Plastic Protection-Zone Fencing: Plastic construction fencing constructed of high-density extruded and stretched polyethylene fabric with 2-inch maximum opening in pattern and weighing a minimum of 0.4 lb/ft.; remaining flexible from minus 60 to plus 200 deg F; inert to most chemicals and acids; minimum tensile yield strength of 2000 psi and ultimate tensile strength of 2680 psi; secured with plastic bands or galvanized-steel or stainless-steel wire ties; and supported by tubular or T-shape galvanized-steel posts spaced not more than 96 inches apart.
 - a. Height: 48 inches.
 - b. Color: High-visibility orange, nonfading.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Erosion and Sedimentation Control: Examine the site to verify that temporary erosion- and sedimentation-control measures are in place. Verify that flows of water redirected from construction areas or generated by construction activity do not enter or cross protection zones.

3.2 PREPARATION

- A. Protect tree root systems from damage caused by runoff or spillage of noxious materials while mixing, placing, or storing construction materials. Protect root systems from ponding, eroding, or excessive wetting caused by dewatering operations.

3.3 PROTECTION ZONES

- A. Protection-Zone Fencing: Install protection-zone fencing along Contract Limit Lines wherever tree protection zones are not otherwise protected by construction fencing, silt fencing, or existing boundary fencing.

- B. Maintain protection zones free of weeds and trash.
- C. Maintain protection-zone fencing and signage in good condition and remove when construction operations are complete, and equipment has been removed from the site.

3.4 EXCAVATION

- A. Trenching within Protection Zones: Where utility trenches are required within protection zones, excavate under or around tree roots by hand or with air spade, or tunnel under the roots by drilling, auger boring, or pipe jacking. Do not cut main lateral tree roots or taproots; cut only smaller roots that interfere with installation of utilities. Cut roots as required for root pruning. If excavating by hand, use narrow-tine spading forks to comb soil and expose roots.
- B. Redirect roots in backfill areas where possible. If encountering large, main lateral roots, expose roots beyond excavation limits as required to bend and redirect them without breaking. If encountered immediately adjacent to location of new construction and redirection is not practical, cut roots approximately 3 inches back from new construction and as required for root pruning.
- C. Do not allow exposed roots to dry out before placing permanent backfill. Provide temporary earth cover or pack with peat moss and wrap with burlap. Water and maintain in a moist condition. Temporarily support and protect roots from damage until they are permanently relocated and covered with soil.

3.5 ROOT PRUNING

- A. Prune tree roots that are affected by temporary and permanent construction. Prune roots as follows:
 - 1. Cut roots manually by digging a trench and cutting exposed roots with sharp pruning instruments; do not break, tear, chop, or slant the cuts. Do not use a backhoe or other equipment that rips, tears, or pulls roots.
 - 2. Cut Ends: Do not paint cut root ends.
 - 3. Temporarily support and protect roots from damage until they are permanently redirected and covered with soil.
 - 4. Cover exposed roots with burlap and water regularly.
 - 5. Backfill as soon as possible.
- B. Root Pruning at Edge of Protection Zone: Prune tree roots flush with the edge of the protection zone by cleanly cutting all roots to the depth of the required excavation.
- C. Root Pruning within Protection Zone: Clear and excavate by hand or with air spade to the depth of the required excavation to minimize damage to tree root systems. If excavating by hand, use narrow-tine spading forks to comb soil to expose roots. Cleanly cut roots as close to excavation as possible.

3.6 CROWN PRUNING

- A. Prune branches that are affected by temporary and permanent construction.
 - 1. Pruning Standards: Prune trees according to ANSI A300 (Part 1).
- B. Cut branches with sharp pruning instruments; do not break or chop.
- C. Do not paint or apply sealants to wounds.

3.7 REGRADING

- A. Lowering Grade: Where new finish grade is indicated below existing grade around trees, slope grade beyond the protection zone. Maintain existing grades within the protection zone.
- B. Raising Grade: Where new finish grade is indicated above existing grade around trees, slope grade beyond the protection zone. Maintain existing grades within the protection zone.

3.8 FIELD QUALITY CONTROL

- A. Inspections: Engage a qualified arborist to direct plant-protection measures in the vicinity of trees, shrubs, and other vegetation indicated to remain and to prepare inspection reports.

3.9 DISPOSAL OF SURPLUS AND WASTE MATERIALS

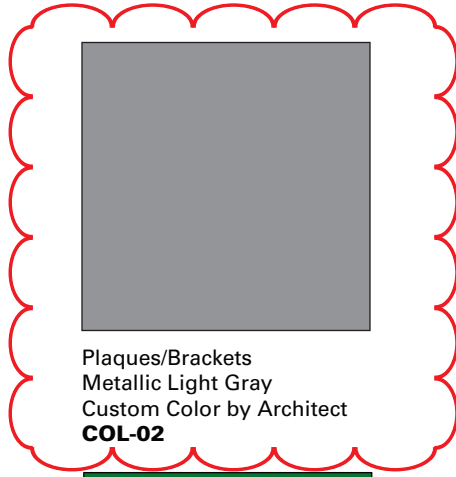
- A. Disposal: Remove excess excavated material, displaced trees, trash, and debris and legally dispose of them off Owner's property.

END OF SECTION 01 56 39

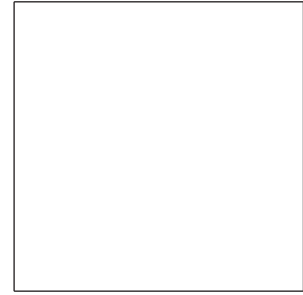
Colors



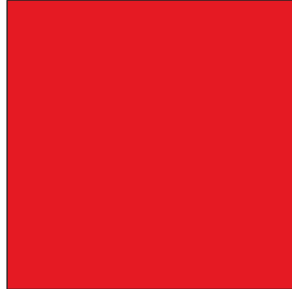
Plaques
Metallic Dark Gray
Custom Color by Architect
COL-01



Plaques/Brackets
Metallic Light Gray
Custom Color by Architect
COL-02



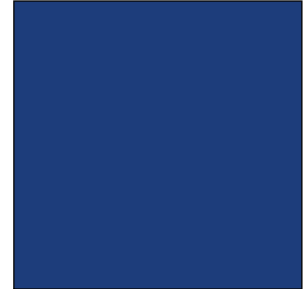
Graphics & Text
White
COL-03



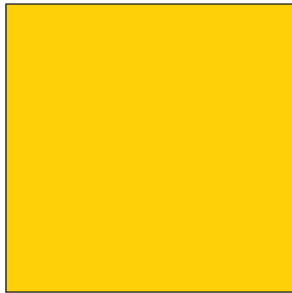
Plaque/Fire Dept. Required Signs
MP15024 Red Dragon
COL-04



Panel
MP 13540 Green Party
COL-05



Panel
PMS 287C
COL-06



Panel
PMS 109C
COL-07

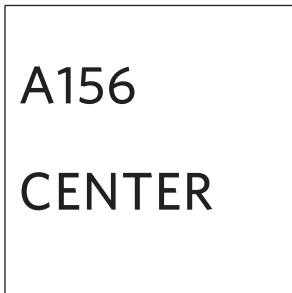


Site ID
Custom Color By Architects
COL-08



Site ID
Custom Color By Architects
COL-09

Typefaces



Plaques
Whitney Medium



Metal Letters and Exterior ID
Scala Sans Small Caps
Regular and Bold



Exterior Door ID and Number
Whitney Semibold and
Condensed-Semibold

Addendum No. 3

Symbols and Arrow



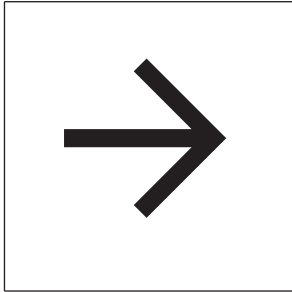
Egress Symbols



No Smoking Symbol



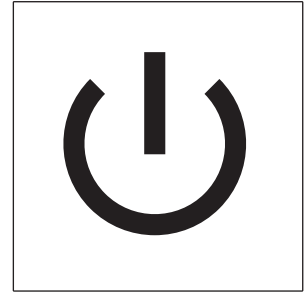
Restroom Symbols



Wayfinding Arrow



No Parking Symbol



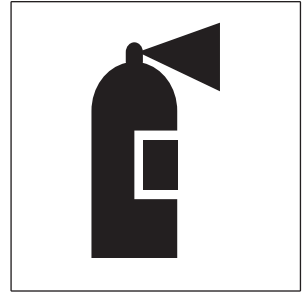
Safety Symbol, Power



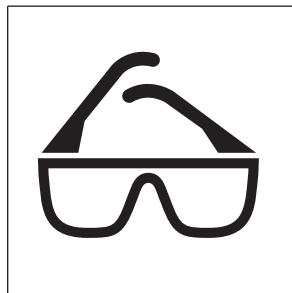
Safety Symbol, Eyewash



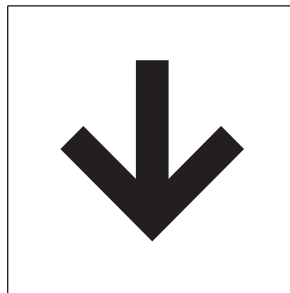
Safety Symbol, Eyewash & Shower



Safety Symbol, Fire Extinguisher



Safety Symbol, Goggles

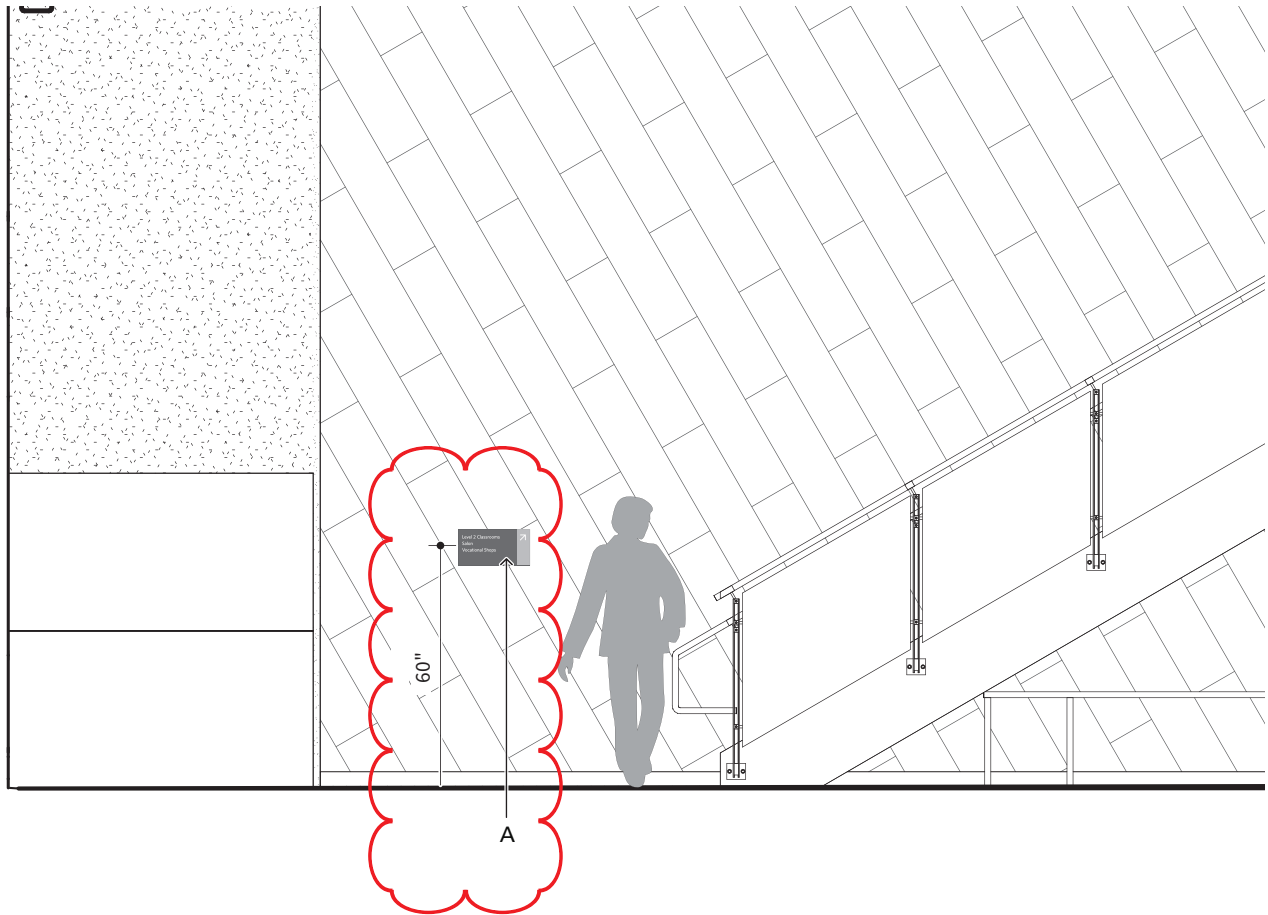


Safety Symbol, Arrow



Safety Symbol, Carbon Monoxide & Fuel Burning Heating Equipment

Addendum No. 3

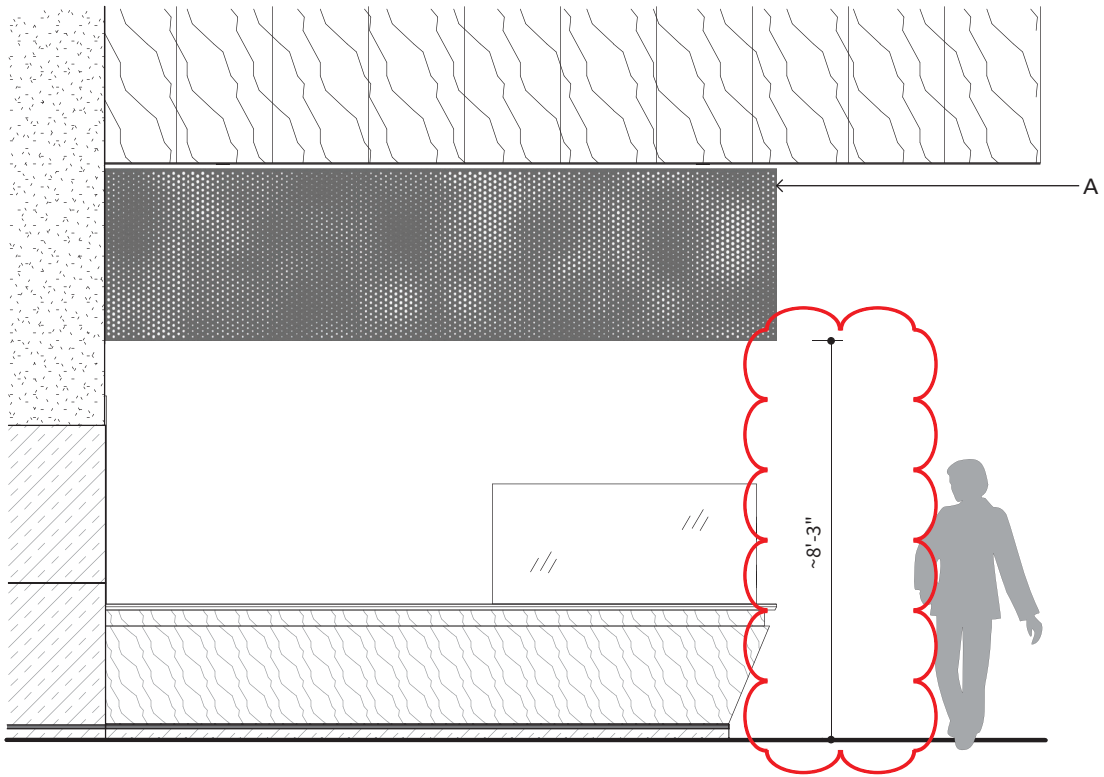


Notes

A Sign type 24

Addendum No. 3

D·R·A Drumme Rosane Anderson Inc.	225 Oakland Road, Studio 205 South Winsor, CT 06074	Elevation Sign Type 24	Job No.: 900-0013 Date: 24 May 2019
	T. 860.644.8300	Additions and Renovations Platt Technical High School Milford, CT	Scale: 1/4"=1'-0" Rev.: 02 August 2019
		Drawn: KV	Dwg: 208



Notes

A Sign type 41, Side B

Addendum No. 3

D·R·A
Drumme
Rosane
Anderson
Inc.

225 Oakland Road,
 Studio 205
 South Winsor,
 CT 06074

T. 860.644.8300

Elevation
 Sign Type 41, Side B

Additions and Renovations
 Platt Technical High School
 Milford, CT

Job No.: 900-0013

Date: 24 May 2019

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

Rev.: 02 August 2019

Drawn: KV

Dwg: 212

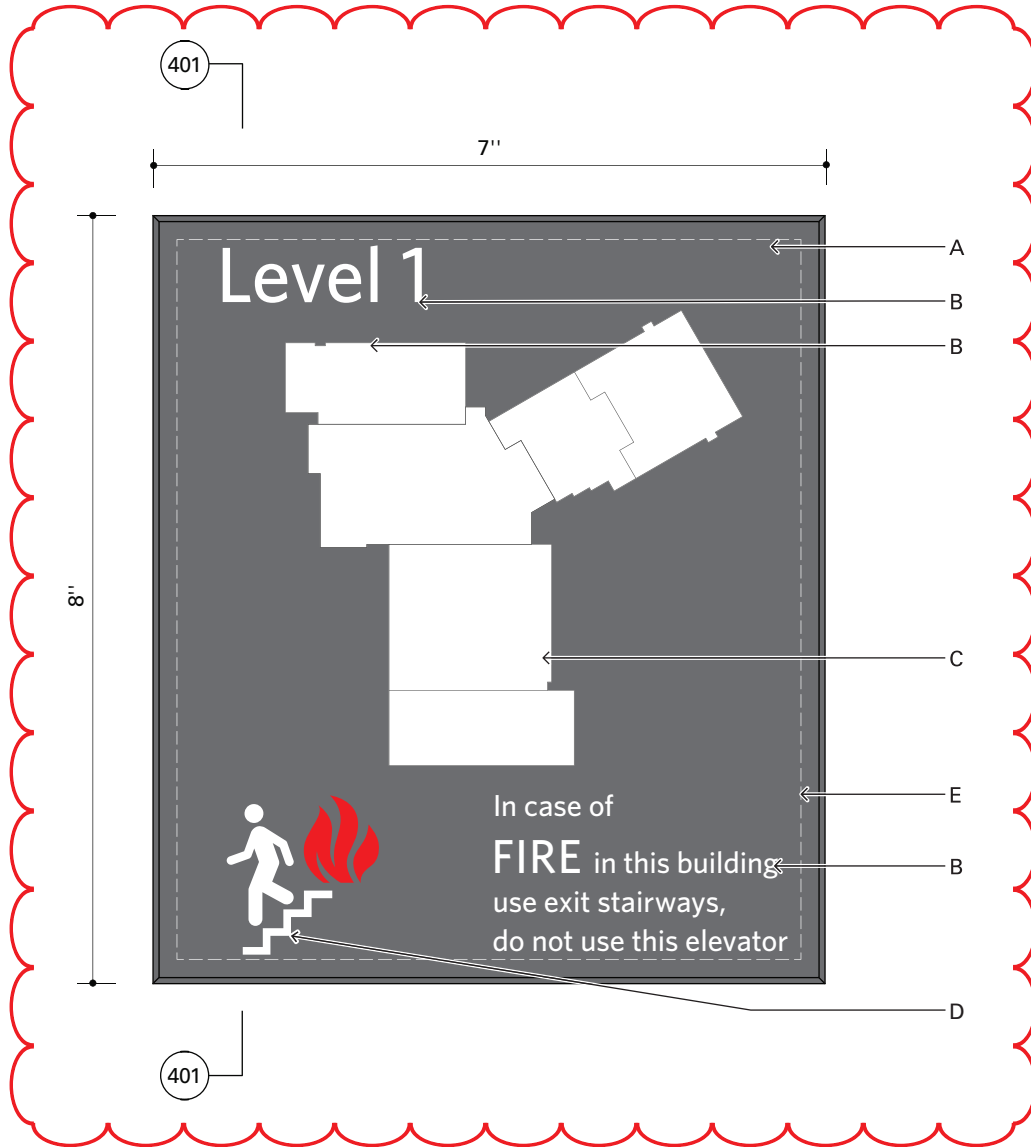


Notes

- A Acrylic plaque, painted COL-01
- B Digitally printed text and symbol, Whitney Medium, COL-03
- C Recessed backer, black
- D Room number and name are preliminary and shown for position only; final sign content to be determined during submittals

Addendum No. 3

D·R·A Drumme Rosane Anderson Inc.	225 Oakland Road, Studio 205 South Winsor, CT 06074	Sign Type 18 Stair Level ID	Job No.: 900-0013 Date: 24 May 2019
	T. 860.644.8300	Additions and Renovations Platt Technical High School Milford, CT	Scale: 1/4"=1" Rev.: 02 August 2019
		Drawn: KV	Dwg: 318

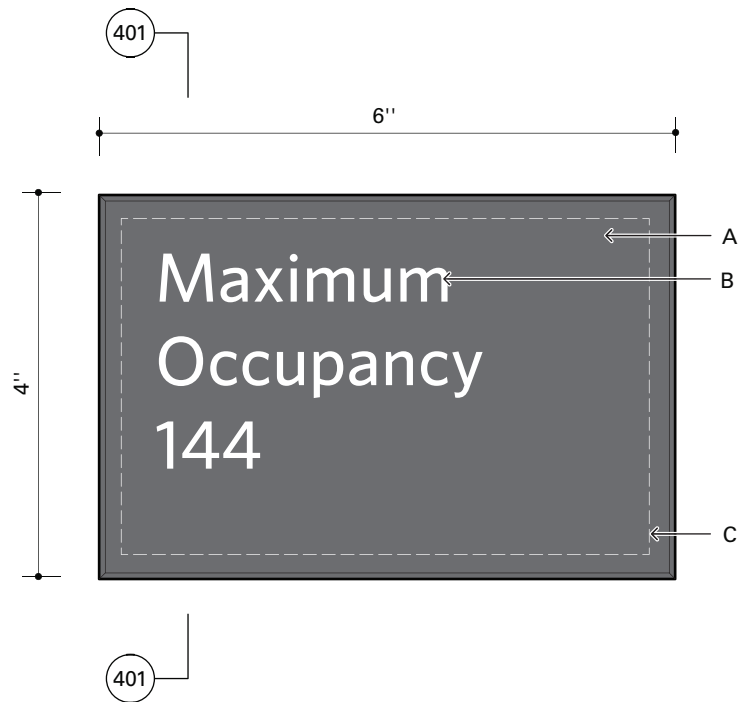


Notes

- A Acrylic plaque, painted COL-01
- B Digitally printed text, Whitney Medium, COL-03
- C Digitally printed map
- D Digitally printed symbol, COL-03, COL-05
- E Recessed backer, black
- F Sign content is preliminary and shown for position only; final sign content to be determined during submittals

Addendum No. 3

D·R·A Drumme Rosane Anderson Inc.	225 Oakland Road, Studio 205 South Winsor, CT 06074	Sign Type 19 Elevator Evacuation Notice	Job No.: 900-0013 Date: 24 May 2019
	T. 860.644.8300	Additions and Renovations Platt Technical High School Milford, CT	Scale: 1/2"=1" Rev.: 02 August 2019 Drawn: KV Dwg: 319

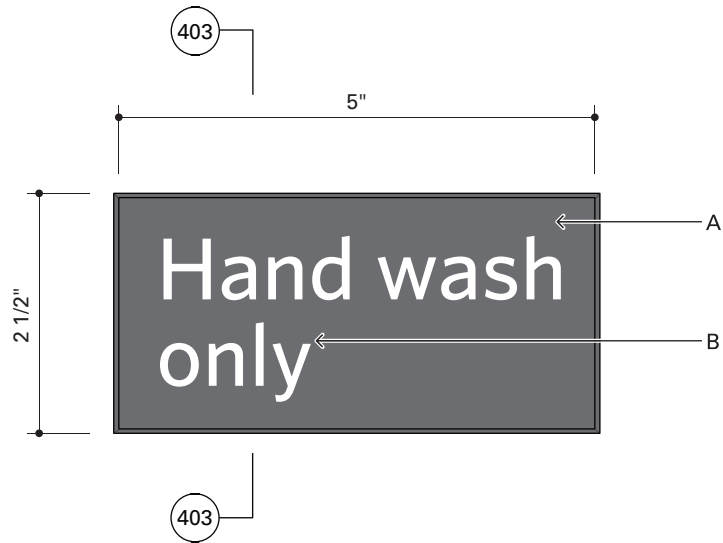


Notes

- A Acrylic plaque, painted COL-01
- B Digitally printed text, Whitney Medium, COL-03
- C Recessed backer, black
- D Sign content is preliminary and shown for position only; final sign content to be determined during submittals

Addendum No. 3

D·R·A Drumme Rosane Anderson Inc.	225 Oakland Road, Studio 205 South Winsor, CT 06074	Sign Type 20 Regulatory ID, Small	Job No.: 900-0013 Date: 24 May 2019
	T. 860.644.8300	Additions and Renovations Platt Technical High School Milford, CT	Scale: 1/2"=1" Rev.: 02 August 2019
		Drawn: KV	Dwg: 320

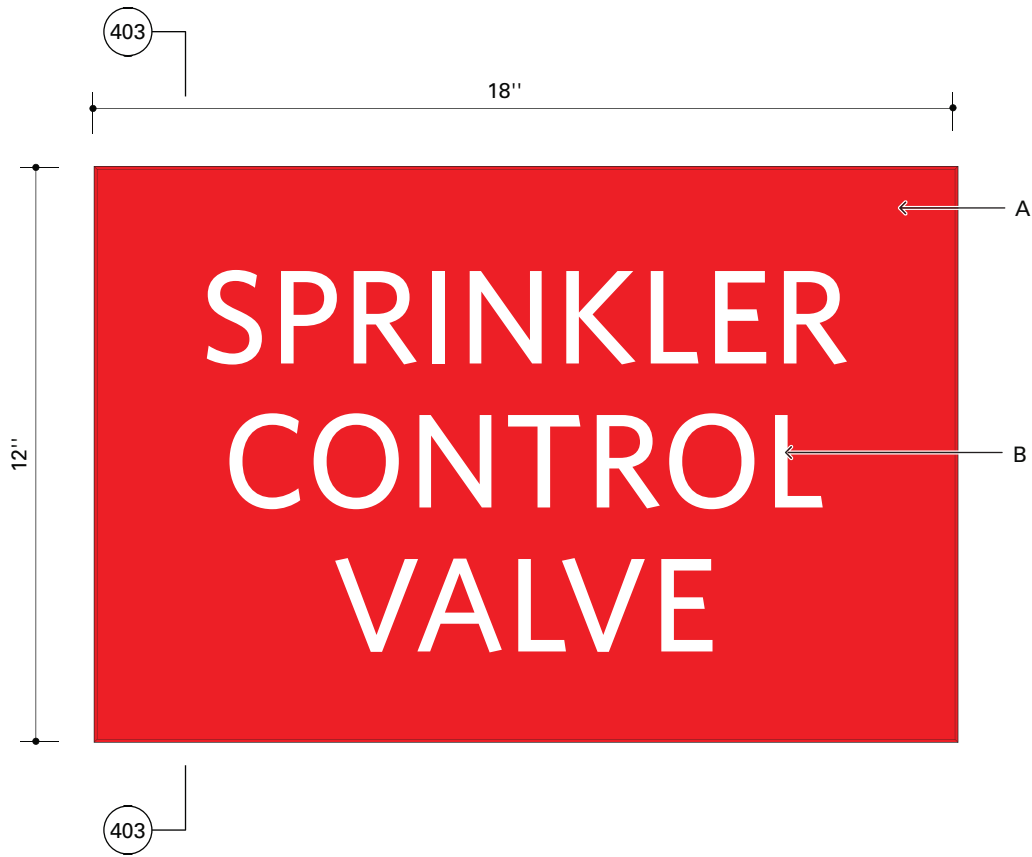


Notes

- A Acrylic plaque, painted COL-01
- B Digitally printed text, Whitney Medium, COL-03
- C Sign content is preliminary and shown for position only; final sign content to be determined during submittals

Addendum No. 3

D·R·A Drumme Rosane Anderson Inc.	225 Oakland Road, Studio 205 South Winsor, CT 06074	Sign Type 21 Regulatory / Informational, Small	Job No.: 900-0013 Date: 24 May 2019
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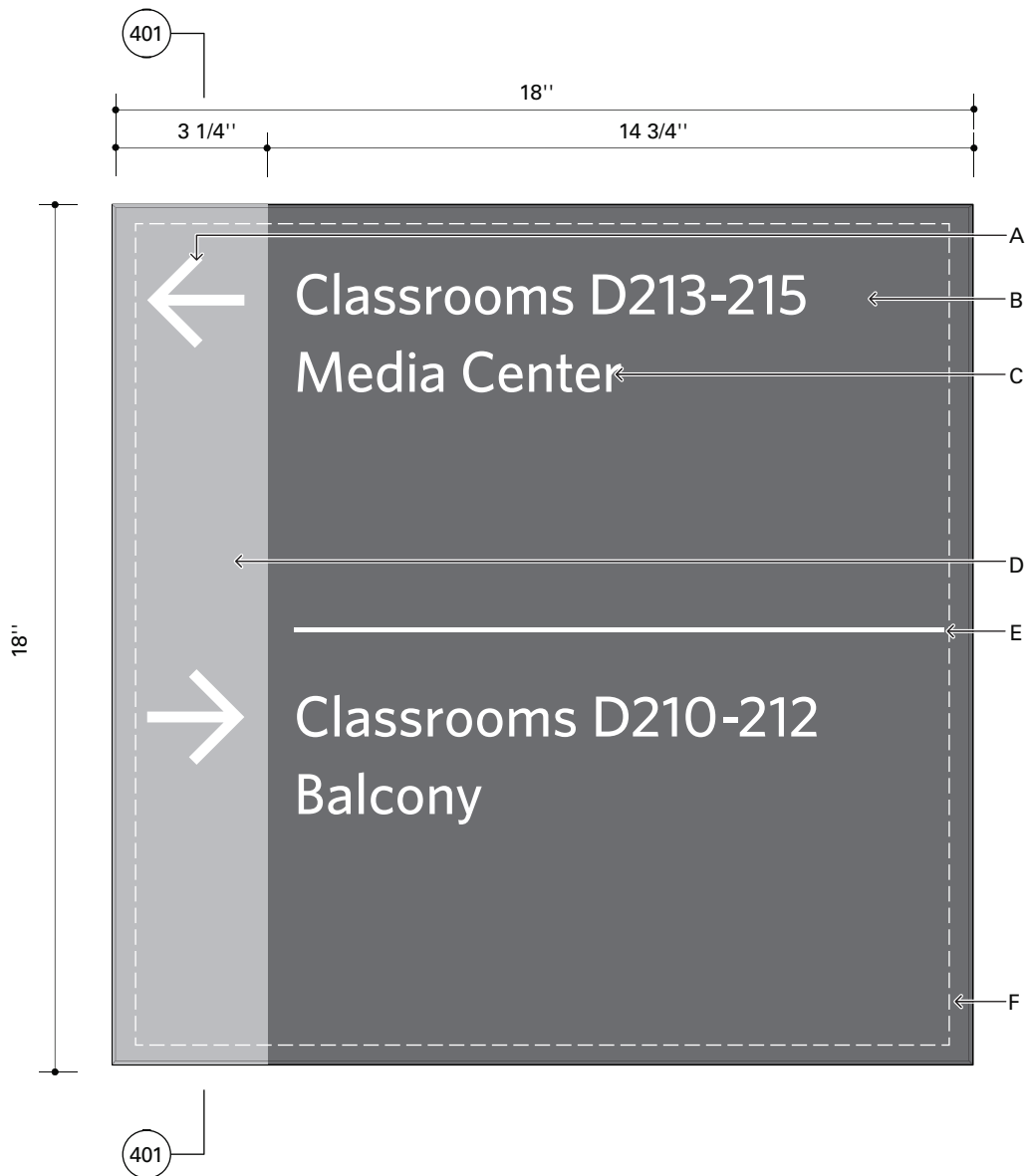


Notes

- A Acrylic plaque, painted COL-04
- B Digitally printed text, Whitney Medium, COL-03

Addendum No. 3

D·R·A Drumme Rosane Anderson Inc.	225 Oakland Road, Studio 205 South Winsor, CT 06074	Sign Type 22 Interior Fire Department Regulatory	Job No.: 900-0013 Date: 24 May 2019
	T. 860.644.8300	Additions and Renovations Platt Technical High School Milford, CT	Scale: 1/4"=1" Rev.: 02 August 2019
			Drawn: KV Dwg: 322

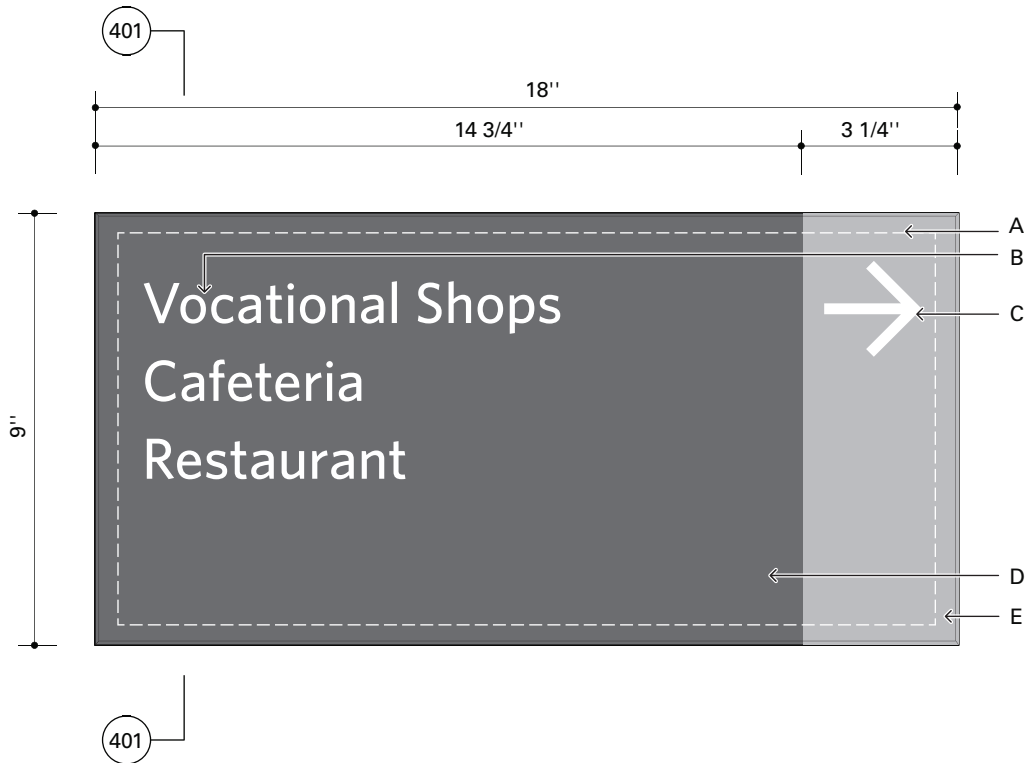


Notes

- A Digitally printed arrow, COL-03
- B Acrylic plaque, painted COL-01
- C Digitally printed text, Whitney Medium, COL-03
- D Masked and painted band, COL-02
- E Digitally printed rule, COL-03
- F Recessed backer, black
- G Room number and name are preliminary and shown for position only; final sign content to be determined during submittals

Addendum No. 3

D·R·A Drumme Rosane Anderson Inc.	225 Oakland Road, Studio 205 South Winsor, CT 06074	Sign Type 23 Directional, Wall Mount	Job No.: 900-0013 Date: 24 May 2019
	T. 860.644.8300	Additions and Renovations Platt Technical High School Milford, CT	Scale: 1/4"=1" Rev.: 02 August 2019 Drawn: KV Dwg: 323

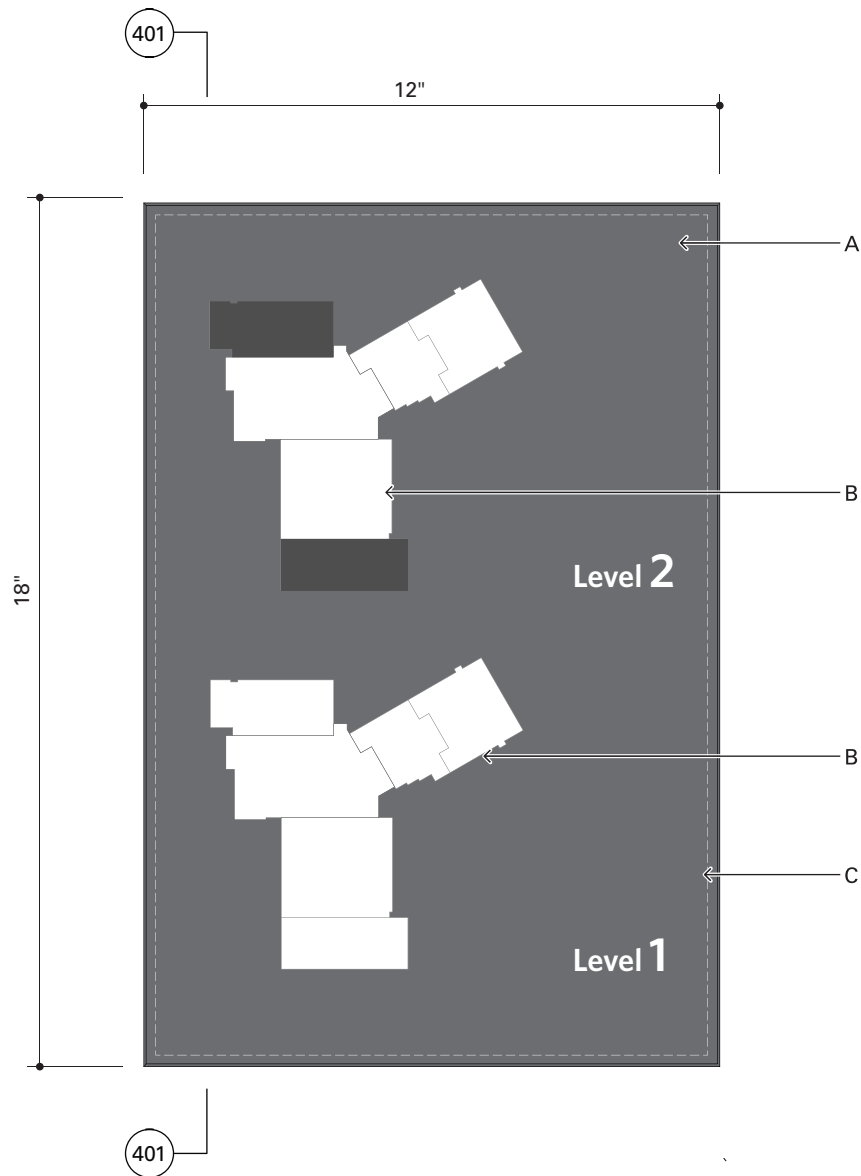


Notes

- A Masked and painted band, COL-02
- B Digitally printed text, Whitney Medium, COL-03
- C Digitally printed arrow, COL-03
- D Acrylic plaque, painted COL-01
- E Recessed backer, black
- F Room number and name are preliminary and shown for position only; final sign content to be determined during submittals

Addendum No. 3

D·R·A Drumme Rosane Anderson Inc.	225 Oakland Road, Studio 205 South Winsor, CT 06074	Sign Type 24 Directional, Small Wall Mount	Job No.: 900-0013 Date: 24 May 2019
	T. 860.644.8300	Additions and Renovations Platt Technical High School Milford, CT	Scale: 1/4"=1" Rev.: 02 August 2019
		Drawn: KV	Dwg: 324

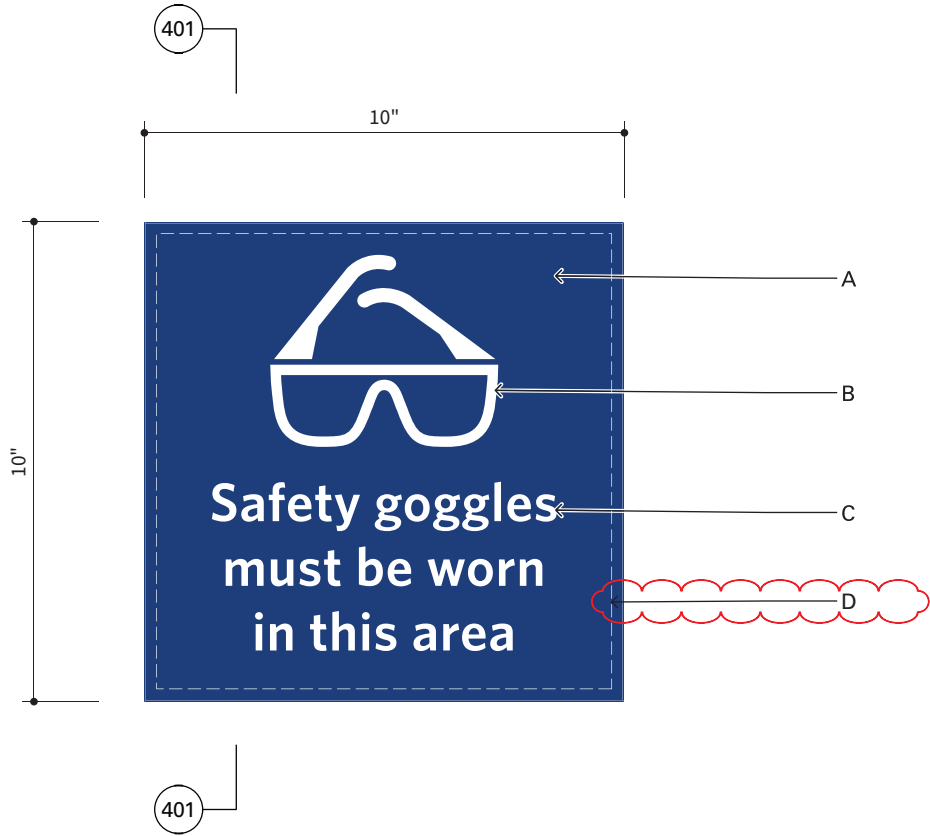


Notes

- A Acrylic plaque, painted COL-01
- B Digitally printed image and text, multiple colors; typeface, Whitney Book, Semibold, and Bold
- C Recessed backer, black
- D Artwork shown is preliminary and for illustration purpose only; final production artwork to be produced by Sign Subcontractor and shall incorporate final room numbering system and fire zone floor plans, as stipulated by Owner

Addendum No. 3

D·R·A Drumme Rosane Anderson Inc.	225 Oakland Road, Studio 205 South Winsor, CT 06074	Sign Type 25 Fire Annunciator Panel	Job No.: 900-0013 Date: 24 May 2019
	T. 860.644.8300	Additions and Renovations Platt Technical High School Milford, CT	Scale: 1/4" = 1" Rev.: 02 August 2019
		Drawn: KV	Dwg: 325

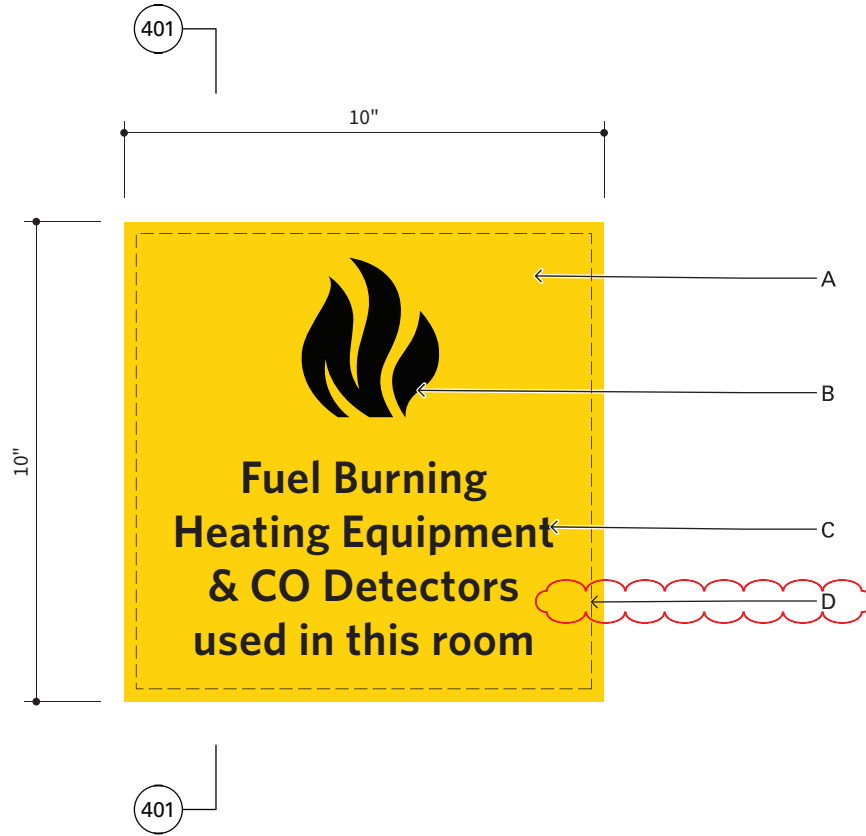


Notes

- A Acrylic panel, painted COL-09
- B Digitally printed graphics, white
- C Digitally printed text, Whitney Semibold, white
- D Recessed backer, black
- E Sign content is preliminary and shown for position only; final sign content to be determined during submittals

Addendum No. 3

D·R·A Drumme Rosane Anderson Inc.	225 Oakland Road, Studio 205 South Winsor, CT 06074	Sign Type 37 Safety Sign, Goggles, Wall Mount	Job No.: 900-0013 Date: 24 May 2019
	T. 860.644.8300	Additions and Renovations Platt Technical High School Milford, CT	Scale: 1/4"=1" Rev.: 02 August 2019
		Drawn: KV	Dwg: 337

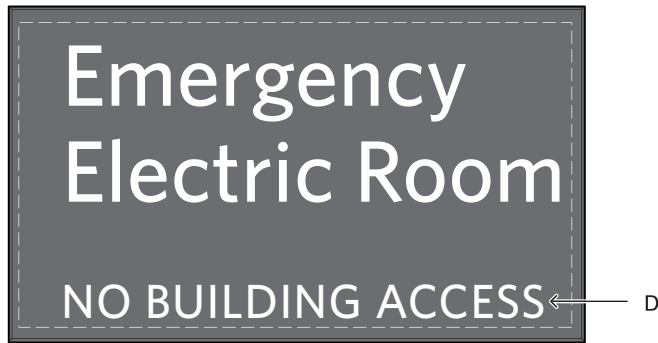
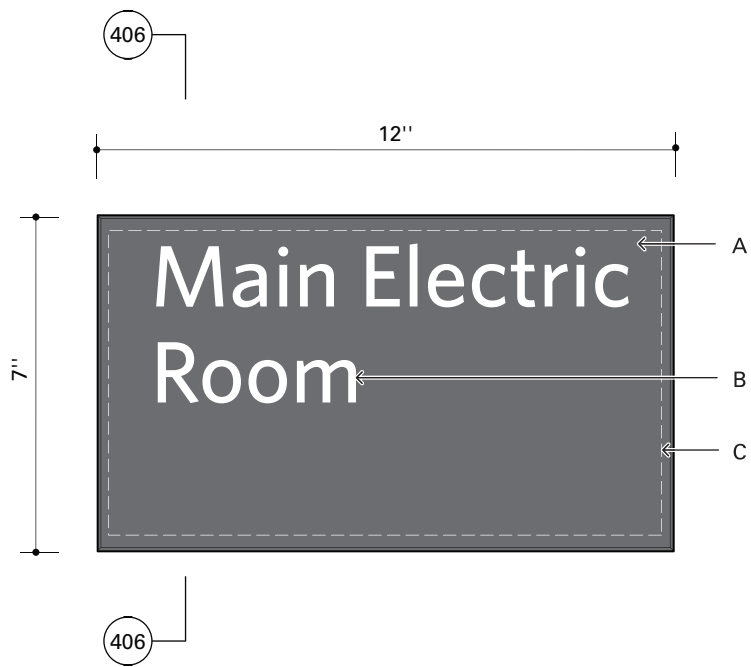


Notes

- A Acrylic panel, painted COL-07
- B Digitally printed graphics, black
- C Digitally printed text, Whitney Semibold, black
- D Recessed backer, black
- E Sign content is preliminary and shown for position only; final sign content to be determined during submittals

Addendum No. 3

D·R·A Drumme Rosane Anderson Inc.	225 Oakland Road, Studio 205 South Winsor, CT 06074	SignType 38 Safety Sign, Carbon Monoxide & Fuel Burning Heating Equipment, Wall Mount	Job No.: 900-0013 Date: 24 May 2019
	T. 860.644.8300	Additions and Renovations Platt Technical High School Milford, CT	Scale: 1/4"=1" Rev.: 02 August 2019 Drawn: KV Dwg: 338



Notes

- A Acrylic plaque, painted COL-01
- B Digitally printed text, Whitney Medium, COL-03
- C Aluminum shim as a mounting plate
- D Digitally printed text, Whitney Medium, COL-03
- E Sign content is preliminary and shown for position only; final sign content to be determined during submittals

Addendum No. 3

D·R·A
Drumme
Rosane
Anderson
Inc.

225 Oakland Road,
 Studio 205
 South Winsor,
 CT 06074

T. 860.644.8300

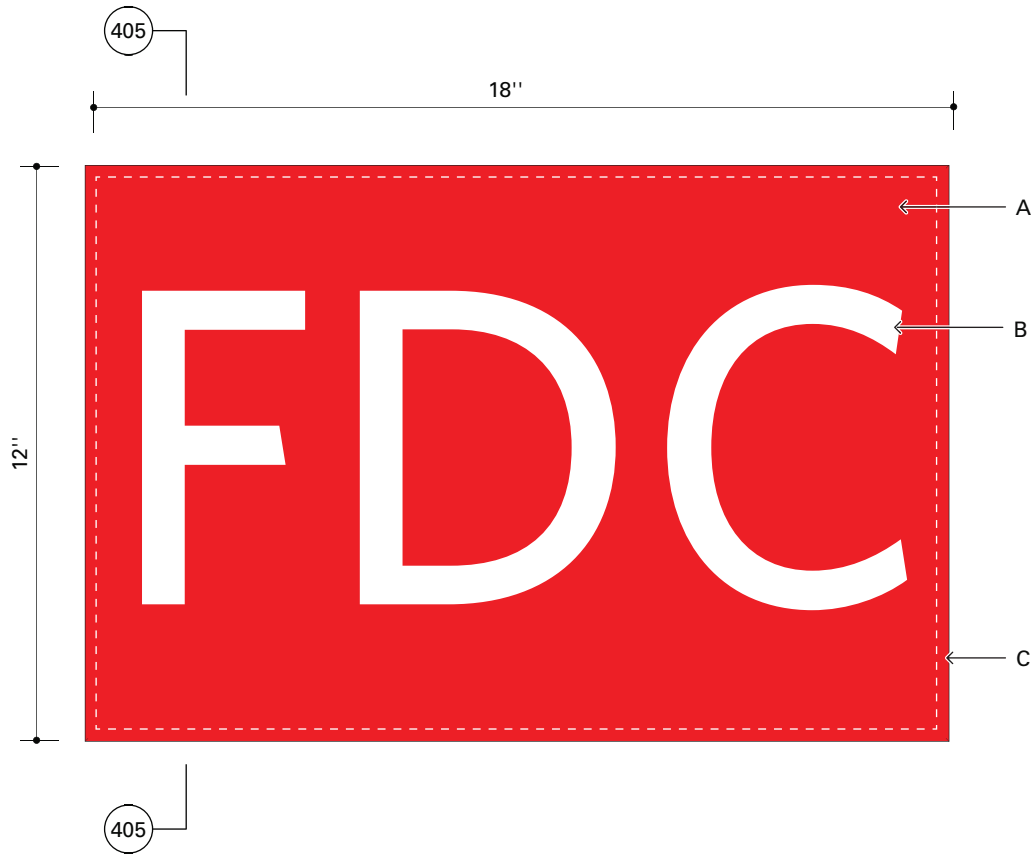
Sign Type 50
 Exterior Door ID, Small

Additions and Renovations
 Platt Technical High School
 Milford, CT

Job No.: 900-0013 Date: 24 May 2019

Scale: 1/4"=1" Rev.: 02 August 2019

Drawn: KV Dwg: 350



Notes

- A Aluminum plaque, painted COL-04
- B Digitally printed text, Whitney Medium, COL-03
- C Aluminum shim as a mounting plate

Addendum No. 3

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 Studio 205
 South Winsor,
 CT 06074

T. 860.644.8300

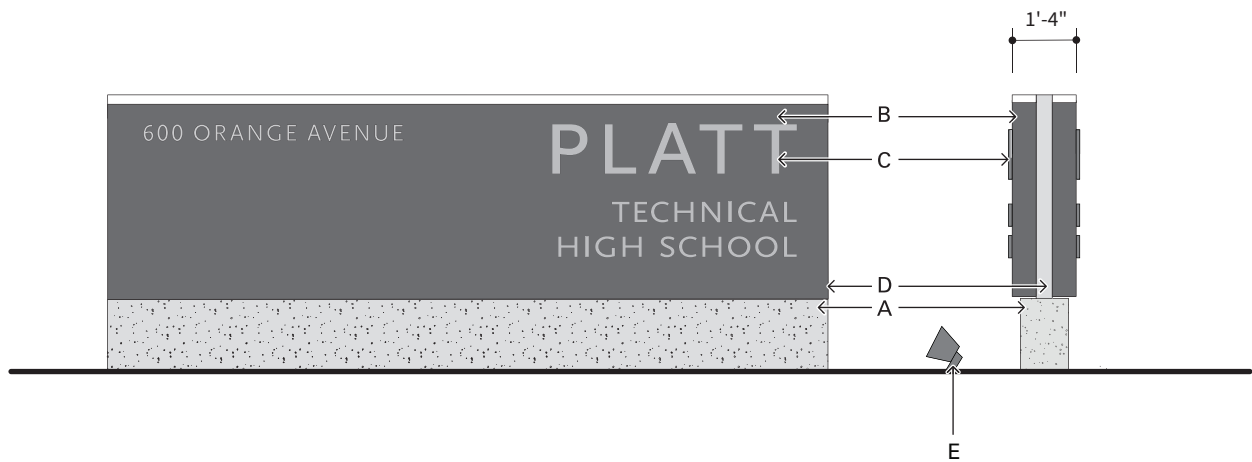
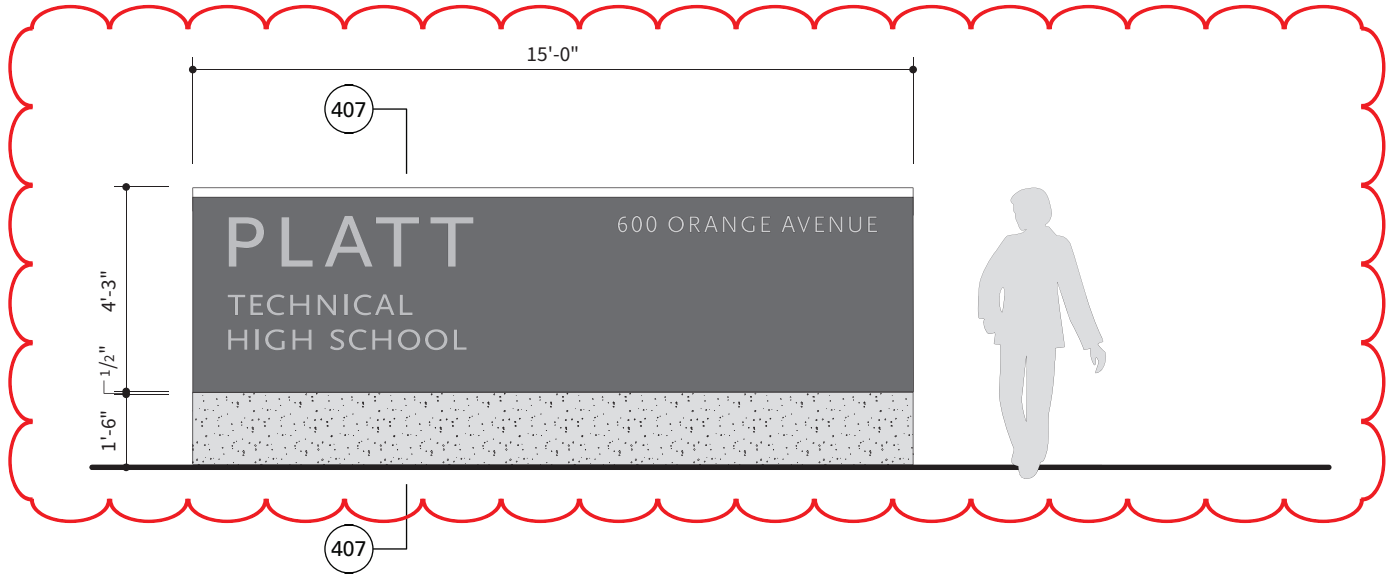
Sign Type 53
 Exterior Fire Department Regulatory

Additions and Renovations
 Platt Technical High School
 Milford, CT

Job No.: 900-0013 Date: 24 May 2019

Scale: 1/4"=1" Rev.: 02 August 2019

Drawn: KV Dwg: 353



Notes

- A Concrete base, exposed surfaces sandblasted, eased edges and corners, by Concrete Subcontractor
- B Fabricated aluminum panels, exposed surface painted COL-08, accent band at top – color to be selected by Architect
- C Surface mounted dimensional letters with painted finish, painted custom color selected by architect
- D Fabricated aluminum panel, exposed surfaces painted COL-09
- E Ground mounted light fixture, by Electrical Subcontractor

Addendum No. 3

D·R·A
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 Studio 205
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 CT 06074

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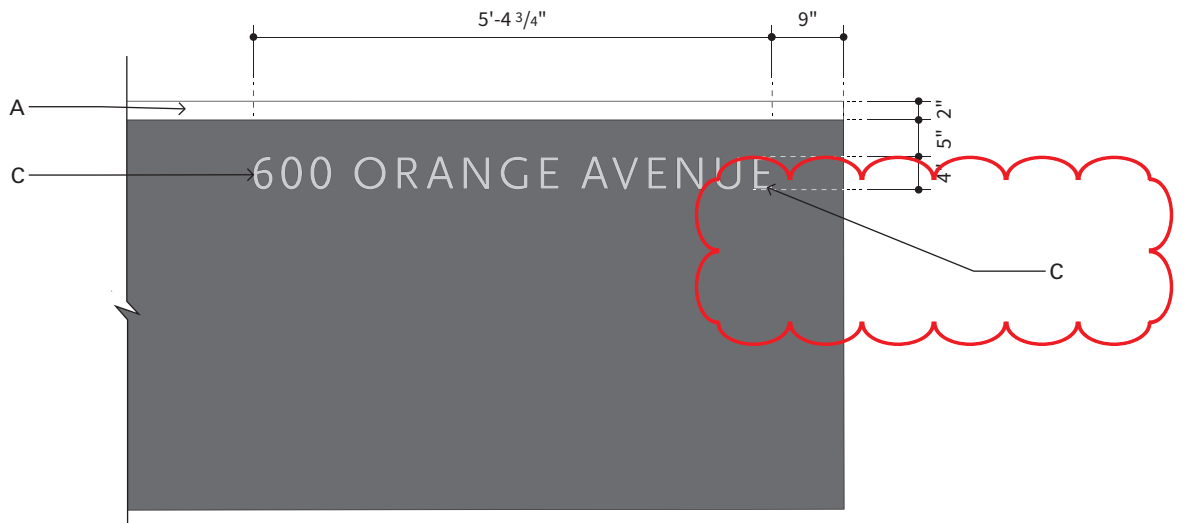
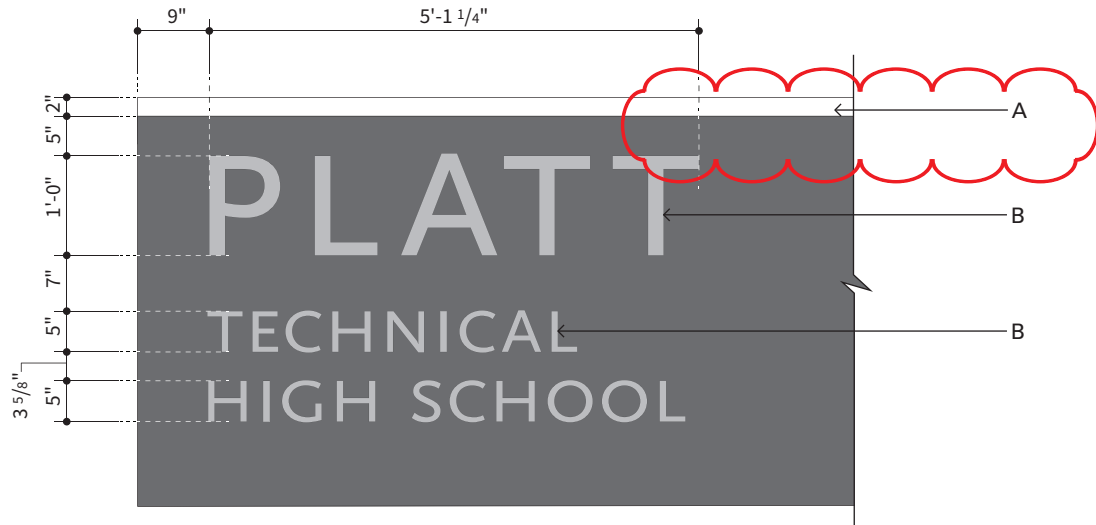
Sign Type 60
 Site ID

Additions and Renovations
 Platt Technical High School
 Milford, CT

Job No.: 900-0013 Date: 24 May 2019

Scale: 1/4"=1'-0" Rev.: 02 August 2019

Drawn: KV Dwg: 360

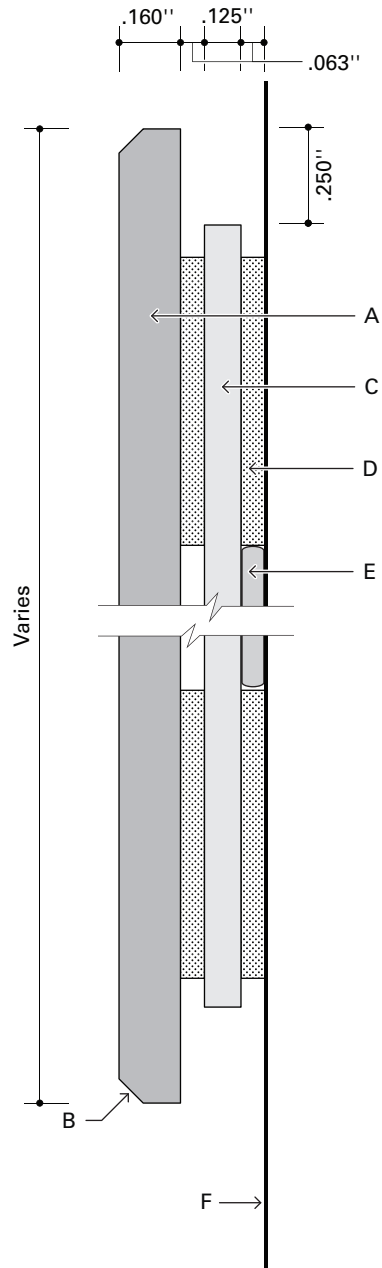


Notes

- A Painted accent band on front panel face only; custom color to be selected by Architect
- B 1" thick fabricated aluminum letters with closed backs, painted custom color selected by architect with protective exterior grade clear coat; mount flush with concealed studs and adhesive
- C 1/2" thick cut aluminum plate letters with painted finish; painted custom color selected by architect with protective exterior grade clear coat; mount flush with concealed studs and adhesive

Addendum No. 3

D·R·A Drumme Rosane Anderson Inc.	225 Oakland Road, Studio 205 South Winsor, CT 06074	Sign Type 60 Site ID	Job No.: 900-0013 Date: 24 May 2019
	T. 860.644.8300	Additions and Renovations Platt Technical High School Milford, CT	Scale: 1/2"=1'-0" Rev.: 02 August 2019
		Drawn: KV	Dwg: 360.1



Notes

- A Photopolymer or Acrylic plaque, painted
- B Chamfer four edges, 1/16" x 1/16"
- C Acrylic backer, black
- D VHB foam tape
- E Mounting surface

Addendum No. 3

D·R·A
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225 Oakland Road,
 Studio 205
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 CT 06074

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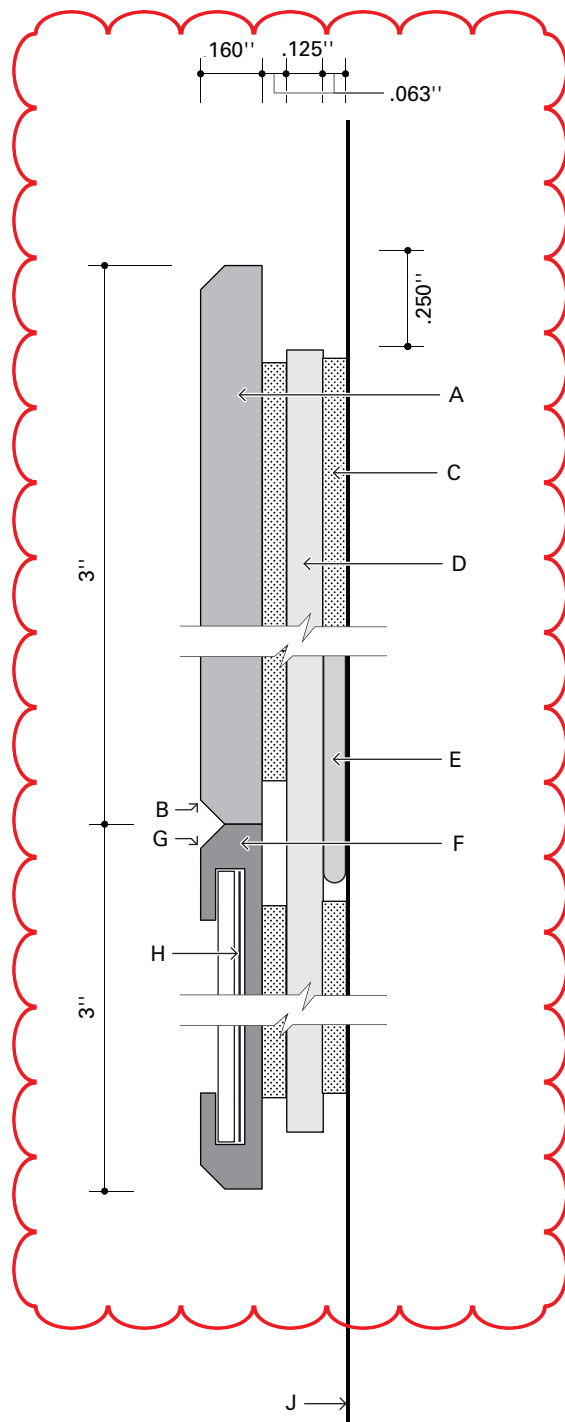
Detail 401

Additions and Renovations
 Platt Technical High School
 Milford, CT

Job No.: 900-0013 Date: 24 May 2019

Scale: 1/2"=1" Rev.: 02 August 2019

Drawn: KV Dwg: 401



Notes

- A Photopolymer or Acrylic plaque, painted
- B Chamfer four edges, 1/16" x 1/16"
- C VHB foam tape
- D Acrylic backer, black
- E Silicone adhesive
- F Insert sign, extruded aluminum, painted; with polycarbonate lens, clear, matte, .030" thick
- G Chamfer top and bottom edges, 1/16" x 1/16"
- H Paper insert, 24lb. text
- J Mounting surface

Addendum No. 3

D·R·A
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225 Oakland Road,
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 South Winsor,
 CT 06074

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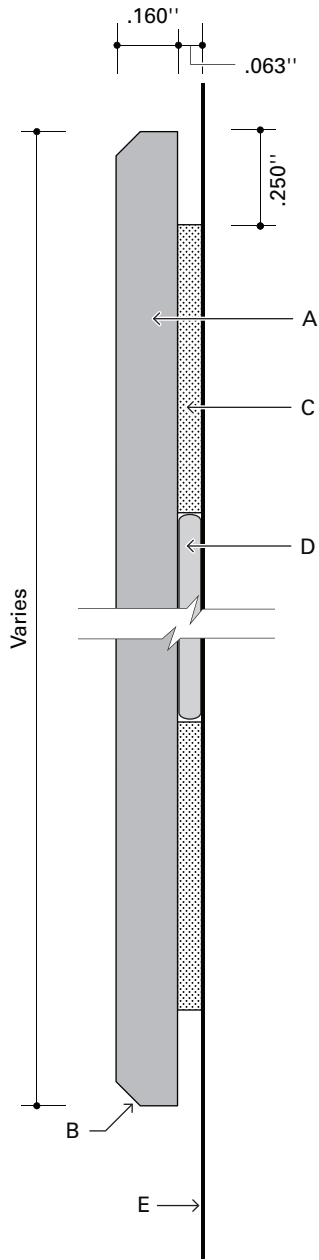
Detail 402

Additions and Renovations
 Platt Technical High School
 Milford, CT

Job No.: 900-0013 Date: 24 May 2019

Scale: 1/2"=1" Rev.: 02 August 2019

Drawn: KV Dwg: 402



Notes

- A Photopolymer or Acrylic plaque, painted
- B Chamfer four edges, 1/16" x 1/16"
- C VHB foam tape
- D Silicone adhesive
- E Mounting surface

Addendum No. 3

D·R·A
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Anderson
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225 Oakland Road,
 Studio 205
 South Winsor,
 CT 06074

T. 860.644.8300

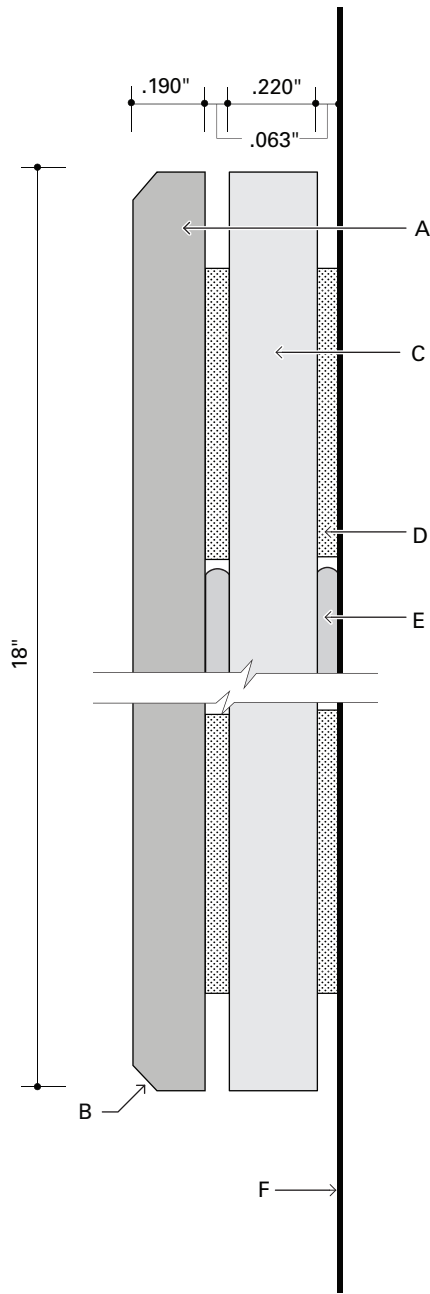
Detail 403

Additions and Renovations
 Platt Technical High School
 Milford, CT

Job No.: 900-0013 Date: 24 May 2019

Scale: 1/2"=1" Rev.: 02 August 2019

Drawn: KV Dwg: 403



Notes

- A 0.190" aluminum plaque
- B Chamfer four edges, 1/16" x 1/16"
- C Acrylic backer, black, with polished edges
- D 1/16" VHB foam tape
- E Silicone adhesive
- F Mounting surface

Addendum No. 3

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 CT 06074

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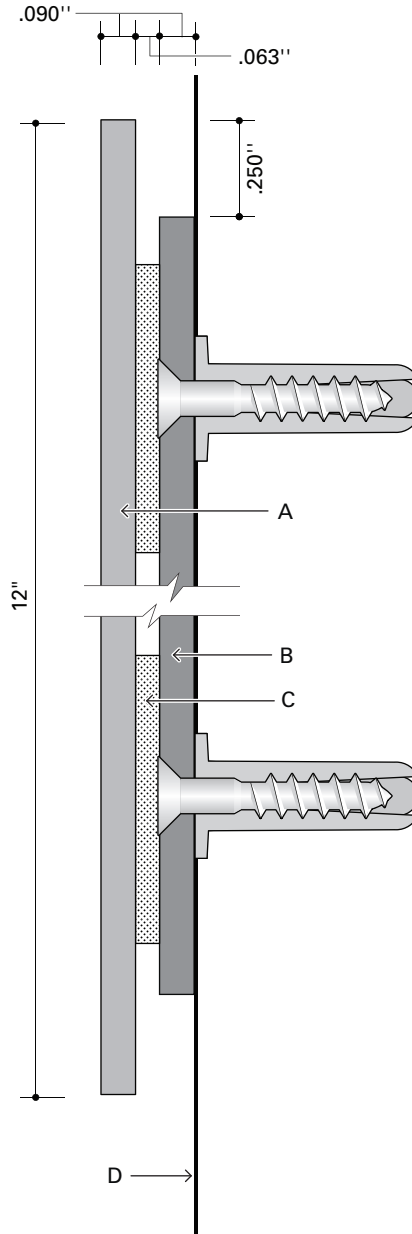
Detail 404

Additions and Renovations
 Platt Technical High School
 Milford, CT

Job No.: 900-0013 Date: 24 May 2019

Scale: 1"=1/2" Rev.: 02 August 2019

Drawn: KV Dwg: 404



Notes

- A 0.090" aluminum plaque, painted
- B Aluminum shim mechanically fastened to wall
- C VHB foam tape
- D Mounting surface

Addendum No. 3

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 Studio 205
 South Winsor,
 CT 06074

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Detail 405

Additions and Renovations
 Platt Technical High School
 Milford, CT

Job No.: 900-0013

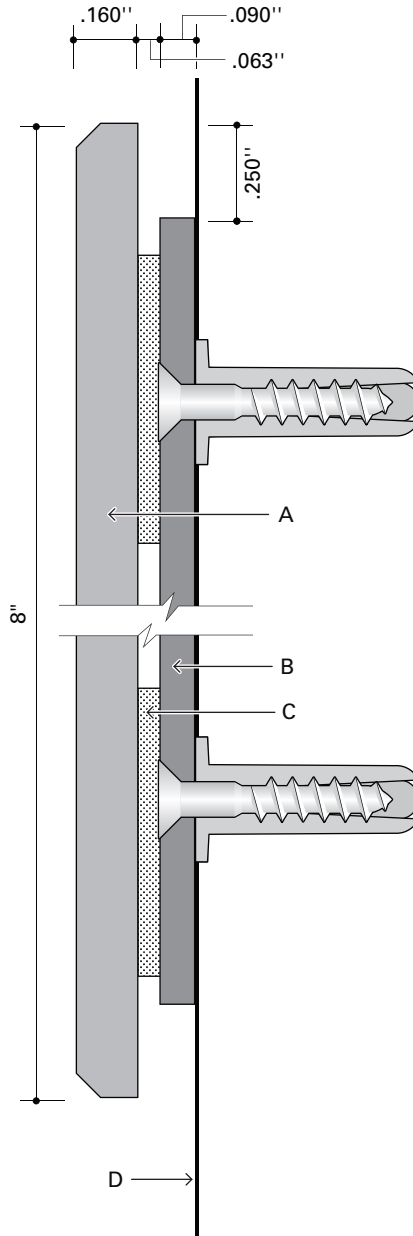
Date: 24 May 2019

Scale: 1"=1/2"

Rev.: 02 August 2019

Drawn: KV

Dwg: 405



Notes

- A Acrylic plaque, painted
- B Aluminum shim mechanically fastened to wall
- C VHB foam tape
- D Mounting surface

Addendum No. 3

D·R·A
**Drummey
 Rosane
 Anderson
 Inc.**

225 Oakland Road,
 Studio 205
 South Winsor,
 CT 06074

T. 860.644.8300

Detail 406

Additions and Renovations
 Platt Technical High School
 Milford, CT

Job No.: 900-0013

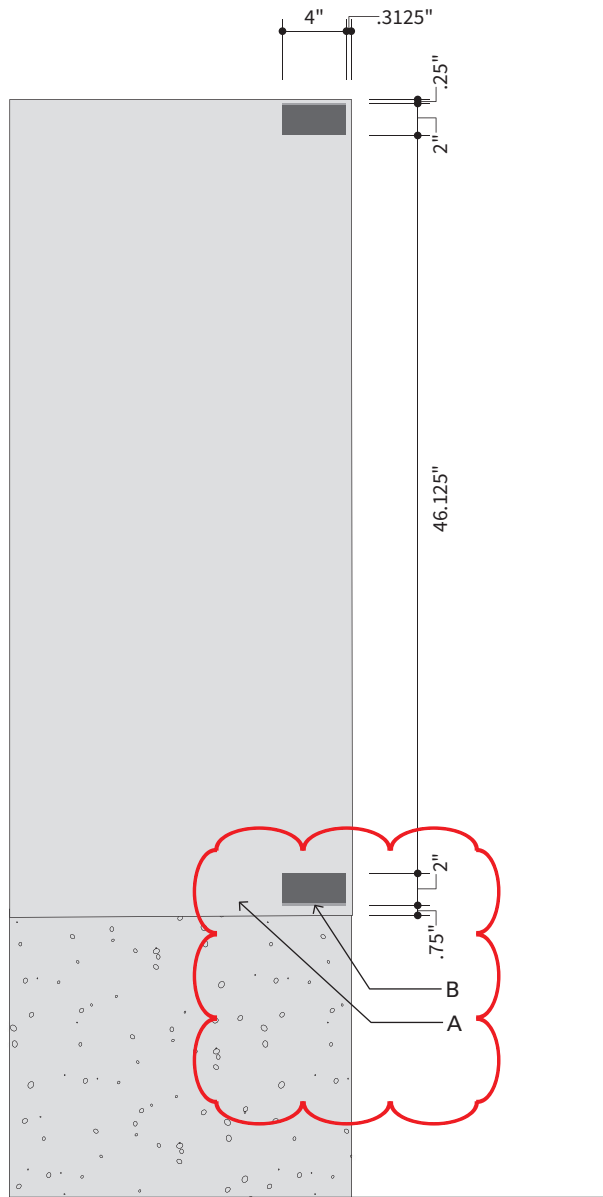
Date: 24 May 2019

Scale: 1"=1/2"

Rev.: 02 August 2019

Drawn: KV

Dwg: 406



Notes

- A Center sign panel assembly mounted with base plate to concrete sign base
- B 2"x 2"x 1/8" aluminum mounting cleats, 4" long, mounted to center panel face with 3M-4950 VHB adhesive

Addendum No. 3

D·R·A
Drumme
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 Studio 205
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 CT 06074

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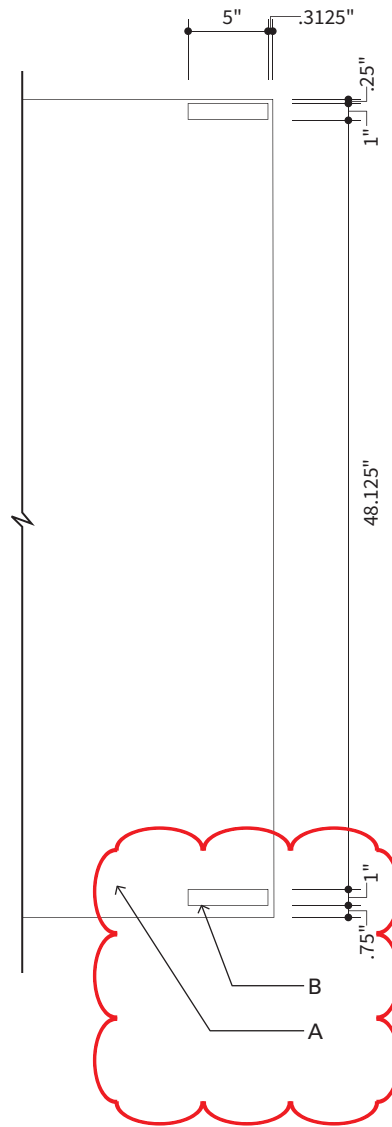
Detail 407.2

Additions and Renovations
 Platt Technical High School
 Milford, CT

Job No.: 900-0013 Date: 24 May 2019

Scale: 1/4" = 1'-0" Rev.: 02 August 2019

Drawn: KV Dwg: 407.2



Notes

- A Rear elevation of sign face panel
- B 1"x 5" cut-outs in back face and frame of sign face panels to receive mounting cleats

Addendum No. 3

D·R·A
Drumme
Rosane
Anderson
Inc.

225 Oakland Road,
 Studio 205
 South Winsor,
 CT 06074
 T. 860.644.8300

Detail 407.3
 Additions and Renovations
 Platt Technical High School
 Milford, CT

Job No.: 900-0013 Date: 24 May 2019

Scale: 1/4" = 1'-0" Rev.: 02 August 2019

Drawn: KV Dwg: 407.3

DRA

Drumme
Rosane
Anderson, Inc.

225 Oakland Road
South Windsor
Connecticut 06074
860-644-8300

600 Orange Avenue,
Milford, CT 06461

**ADDITIONS AND RENOVATIONS
PLATT TECHNICAL HIGH SCHOOL**

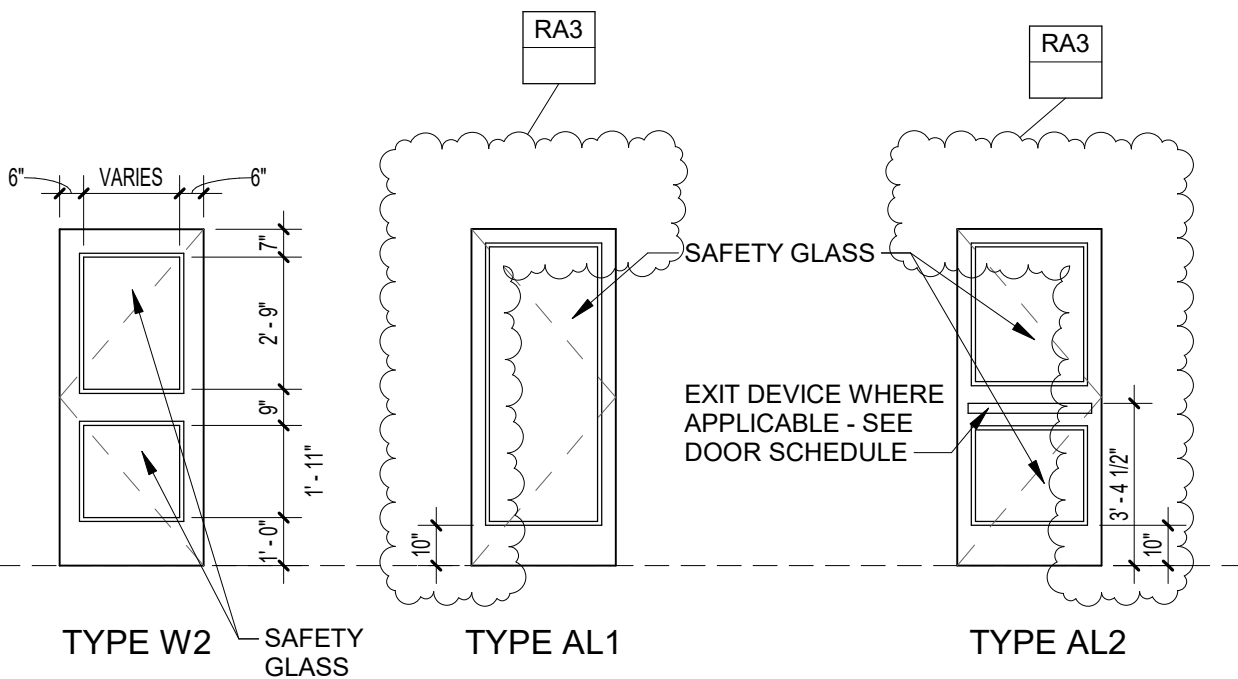
Revision to Door Types

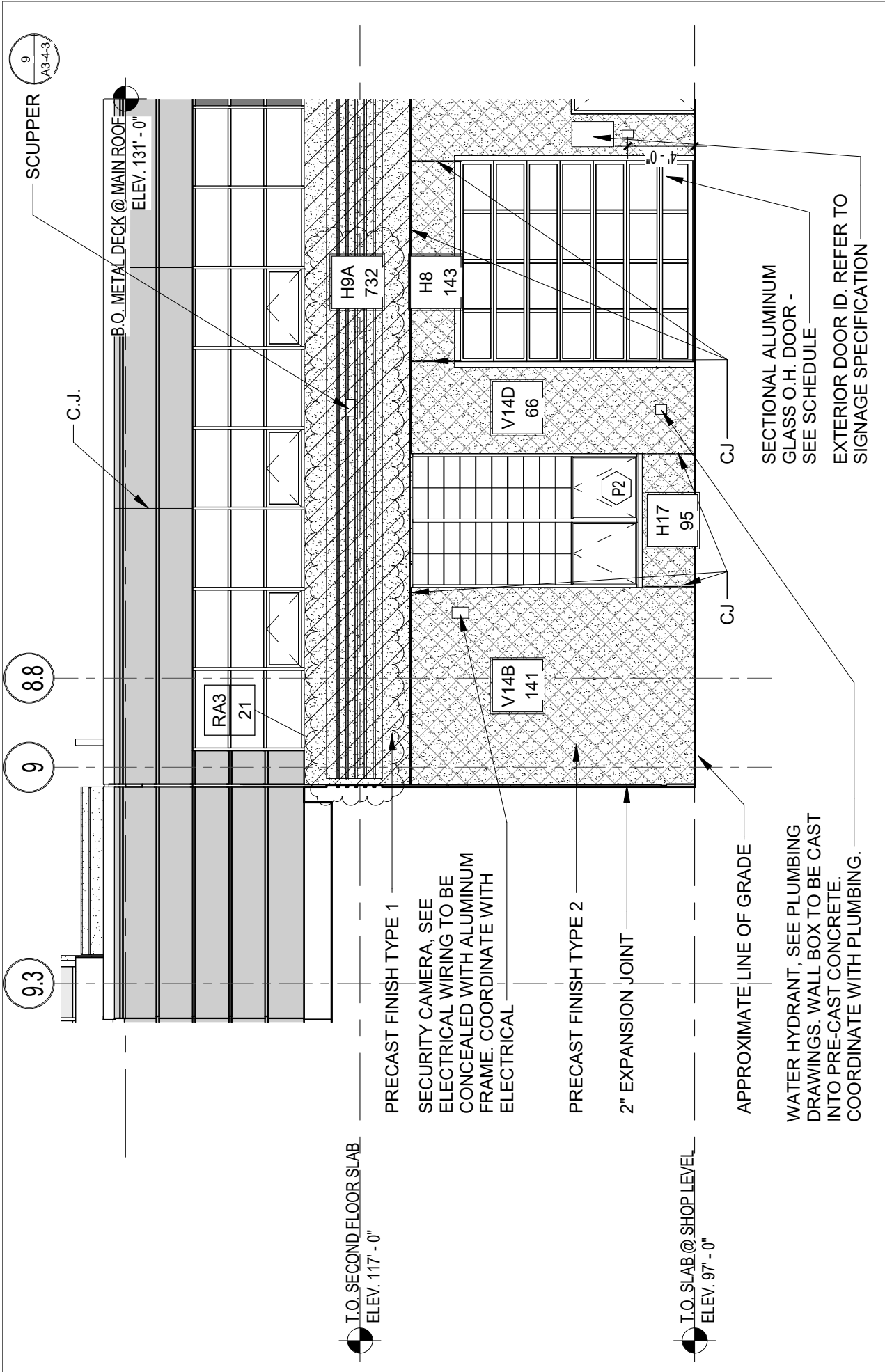
**Addendum
No. 3**

RA3-09

REF. DWG No.
Author

DCS Project No.
BI-RT-878 CM-R
OSCGR Project No.
900-0013
Scale: 1/4" = 1'-0"
Date: 08/02/2019





DRA

Drumme
Rosane
Anderson, Inc.

225 Oakland Road
South Windsor
Connecticut 06074
860-644-8300

600 Orange Avenue,
Milford, CT 06461

**ADDITIONS AND RENOVATIONS
PLATT TECHNICAL HIGH SCHOOL**

Revision to West Elevation

**Addendum
No. 3
RA3-21**

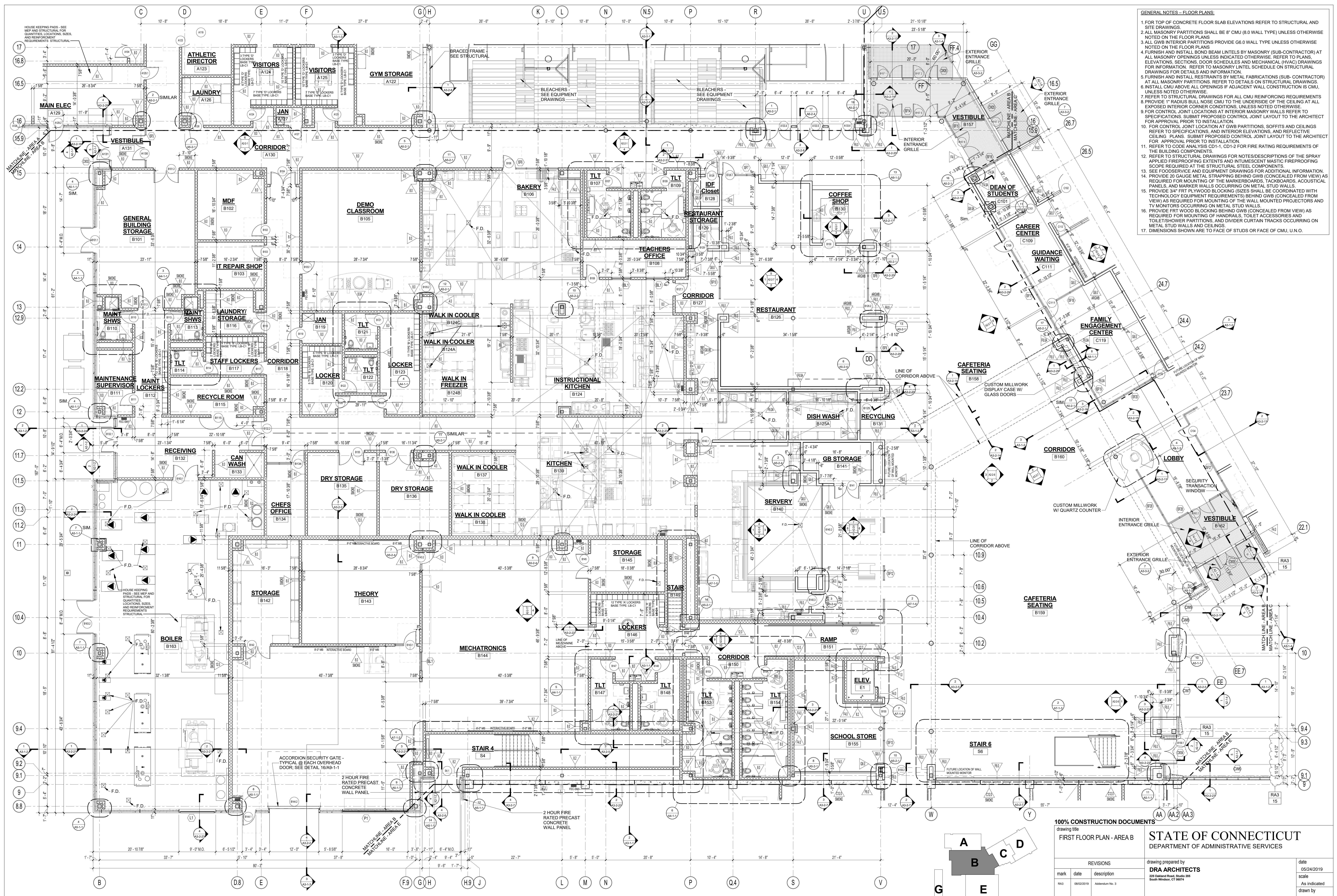
REF. DWG No.
Author

DCS Project No.
BI-RT-878 CM-R

OSCGR Project No.
900-0013

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

Date: 08/02/2019



- GENERAL NOTES - FLOOR PLANS:**
- FOR TOP OF CONCRETE FLOOR SLAB ELEVATIONS REFER TO STRUCTURAL AND SITE DRAWINGS.
 - ALL MASONRY PARTITIONS SHALL BE 8" CMU (8.0 WALL TYPE) UNLESS OTHERWISE NOTED ON THE FLOOR PLANS.
 - ALL INTERIOR PARTITIONS PROVIDE G6.0 WALL TYPE UNLESS OTHERWISE NOTED ON THE FLOOR PLANS.
 - FURNISH AND INSTALL BOND BEAM LINTELS BY MASONRY (SUB-CONTRACTOR) AT ALL MASONRY OPENINGS UNLESS INDICATED OTHERWISE. REFER TO PLANS, ELEVATIONS, SECTIONS, DOOR SCHEDULES AND MECHANICAL (HVAC) DRAWINGS FOR INFORMATION. REFER TO MASONRY LITEL SCHEDULE ON STRUCTURAL DRAWINGS FOR DETAILS AND INFORMATION.
 - FURNISH AND INSTALL RESTRAINTS BY MASONRY (SUB-CONTRACTOR) AT ALL MASONRY PARTITIONS. REFER TO DETAILS ON STRUCTURAL DRAWINGS.
 - INSTALL CMU ABOVE ALL OPENINGS IF ADJACENT WALL CONSTRUCTION IS CMU, UNLESS NOTED OTHERWISE.
 - REFER TO STRUCTURAL DRAWINGS FOR ALL CMU REINFORCING REQUIREMENTS.
 - PROVIDE 1" RADIUS BULL NOSE CMU TO THE UNDERSIDE OF THE CEILING AT ALL EXPOSED INTERIOR CORNER CONDITIONS, UNLESS NOTED OTHERWISE.
 - FOR CONTROL JOINT LOCATIONS AT INTERIOR MASONRY WALLS REFER TO SPECIFICATIONS, SUBMIT PROPOSED CONTROL JOINT LAYOUT TO THE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
 - FOR CONTROL JOINT LOCATION AT GWB PARTITIONS, SOFFITS AND CEILINGS REFER TO SPECIFICATIONS, AND INTERIOR ELEVATIONS, AND REFLECTIVE CEILING PLANS. SUBMIT PROPOSED CONTROL JOINT LAYOUT TO THE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
 - REFER TO CODE ANALYSIS CD-1-1, CD-2 FOR FIRE RATING REQUIREMENTS OF THE BUILDING COMPONENTS.
 - REFER TO STRUCTURAL DRAWINGS FOR NOTES/DESCRIPTIONS OF THE SPRAY APPLIED FIREPROOFING EXTENTS AND INTUMESCENT MASTIC FIREPROOFING SCOPE REQUIRED AT THE STRUCTURAL STEEL COMPONENTS.
 - SEE FOODSERVICE AND EQUIPMENT DRAWINGS FOR ADDITIONAL INFORMATION.
 - PROVIDE 20 GAUGE METAL STRAPPING BEHIND GWB (CONCEALED FROM VIEW) AS REQUIRED FOR MOUNTING OF THE MARKERBOARDS, TACKBOARDS, ACOUSTICAL PANELS, AND MARKER WALLS OCCURRING ON METAL STUD WALLS.
 - PROVIDE 3/4" FRT PLYWOOD BLOCKING (SIZES SHALL BE COORDINATED WITH TECHNOLOGY CORNER REQUIREMENTS) BEHIND GWB (CONCEALED FROM VIEW) AS REQUIRED FOR MOUNTING OF THE WALL MOUNTED PROJECTORS AND TV MONITORS OCCURRING ON METAL STUD WALLS.
 - PROVIDE FRT WOOD BLOCKING BEHIND GWB (CONCEALED FROM VIEW) AS REQUIRED FOR MOUNTING OF HANDRAILS, TOILET ACCESSORIES AND TOILETSHOWER PARTITIONS, AND DIVIDER CURTAIN TRACKS OCCURRING ON METAL STUD WALLS AND CEILING.
 - DIMENSIONS SHOWN ARE TO FACE OF STUDS OR FACE OF CMU, U.N.O.

1 FIRST FLOOR PLAN - AREA B
1/8" = 1'-0"

100% CONSTRUCTION DOCUMENTS

drawing title
FIRST FLOOR PLAN - AREA B

STATE OF CONNECTICUT
DEPARTMENT OF ADMINISTRATIVE SERVICES

drawing prepared by
DRA ARCHITECTS
220 William Road, Shelton 06484
South Windsor, CT 06074

date
05/24/2019

scale
As Indicated

drawn by
Author

approved by
Approver

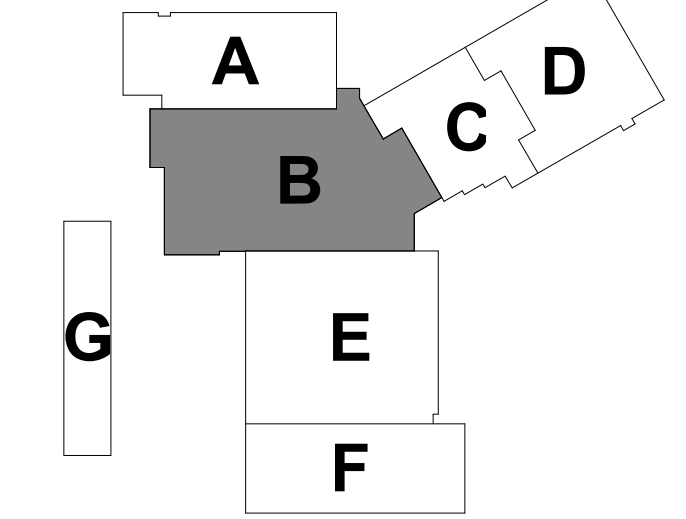
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A1-1-1B

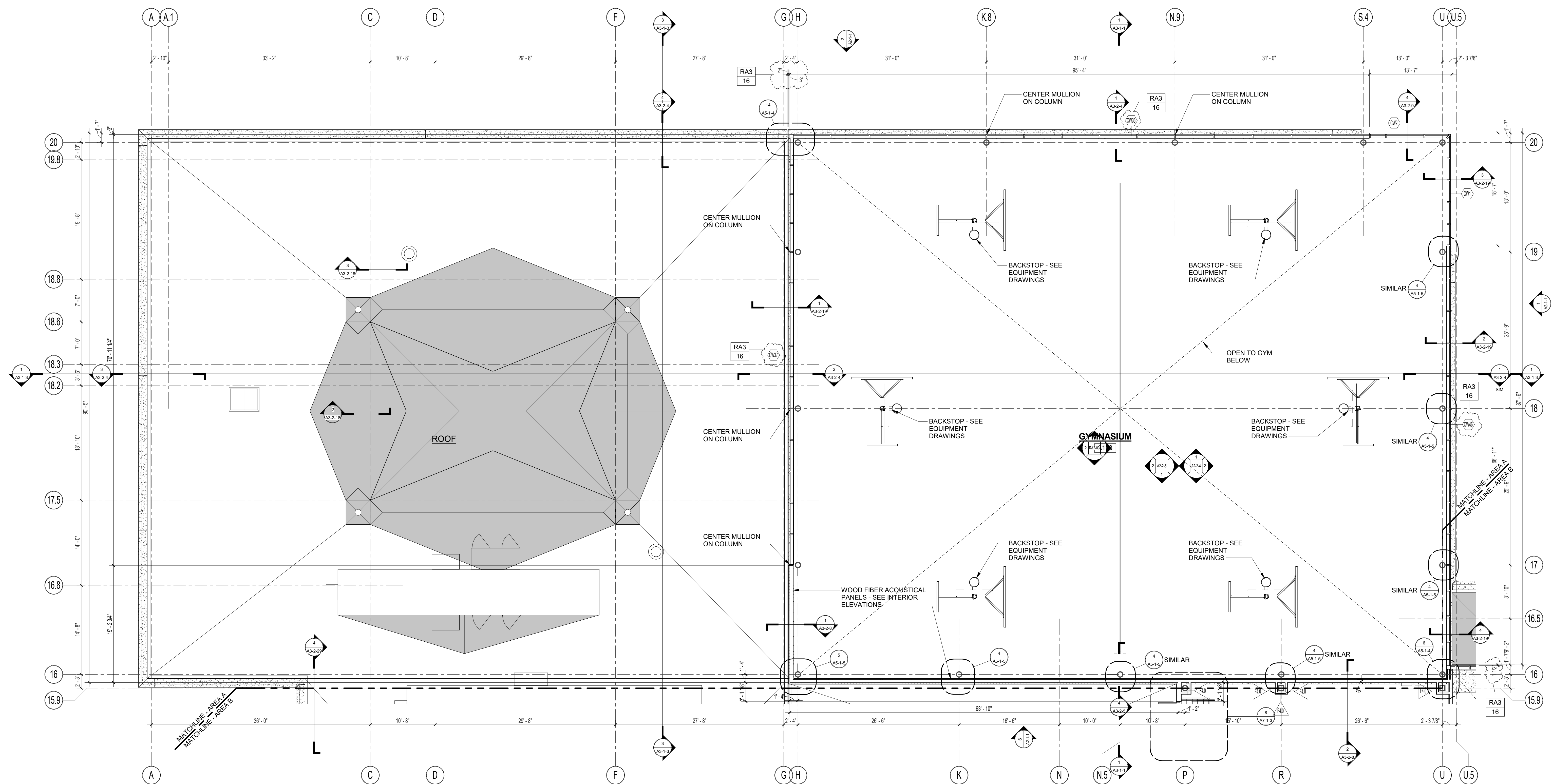
REVISIONS	
mark	description
RA3	08/02/2019 Addendum No. 3

project
Renovations & Additions to Platt Technical High School
400 Orange Avenue, Milford, CT 06461

CAD no.
DCS project no.
B1-RT-076 CM-R

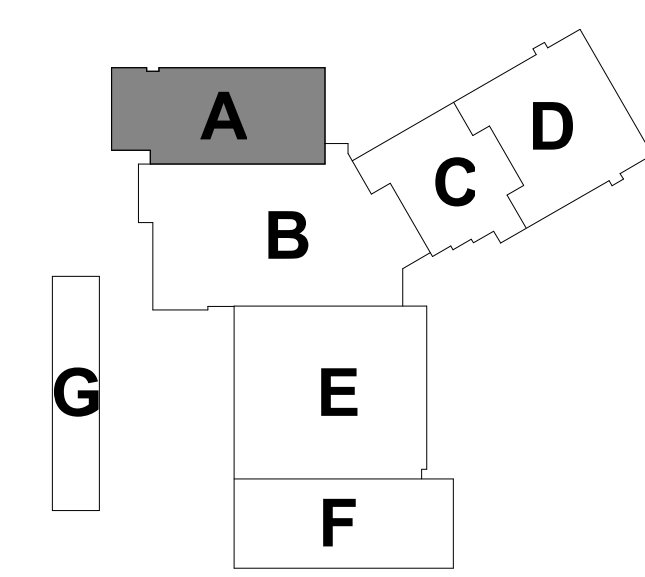
OSCGR project no.
900-0013



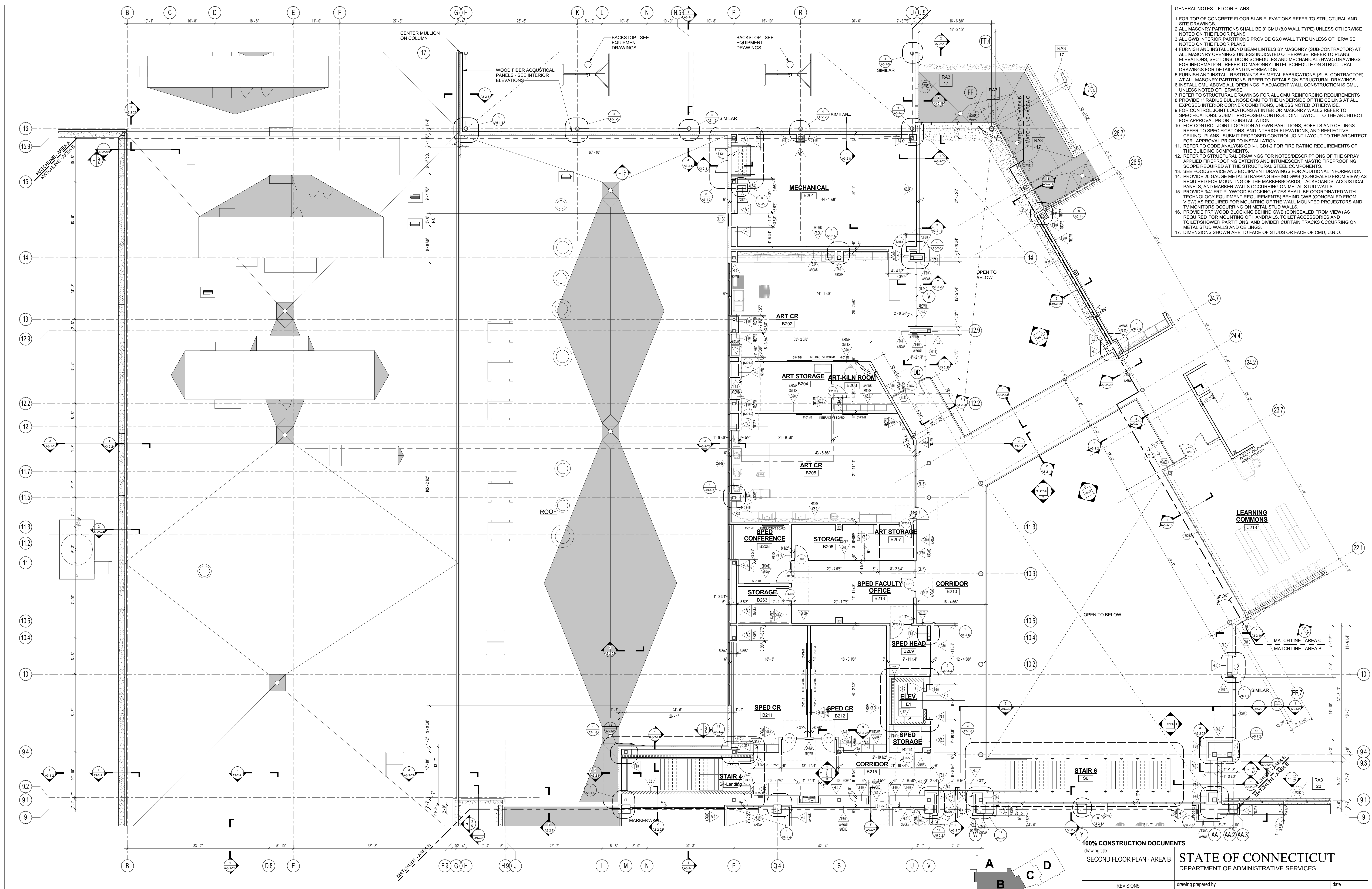


1 SECOND FLOOR PLAN - AREA A
1/8" = 1'-0"

- GENERAL NOTES - FLOOR PLANS:**
- FOR TOP OF CONCRETE FLOOR SLAB ELEVATIONS REFER TO STRUCTURAL AND SITE DRAWINGS.
 - ALL MASONRY PARTITIONS SHALL BE 8" CMU (8.0 WALL TYPE) UNLESS OTHERWISE NOTED ON THE FLOOR PLANS.
 - ALL GWB INTERIOR PARTITIONS PROVIDE G6.0 WALL TYPE UNLESS OTHERWISE NOTED ON THE FLOOR PLANS.
 - FURNISH AND INSTALL BOND BEAM LINTELS BY MASONRY (SUB-CONTRACTOR) AT ALL MASONRY OPENINGS UNLESS INDICATED OTHERWISE. REFER TO PLANS, ELEVATIONS, SECTIONS, DOOR SCHEDULES AND MECHANICAL (HVAC) DRAWINGS FOR INFORMATION. REFER TO MASONRY LINTEL SCHEDULE ON STRUCTURAL DRAWINGS FOR DETAILS AND INFORMATION.
 - FURNISH AND INSTALL RESTRAINTS BY METAL FABRICATIONS (SUB- CONTRACTOR) AT ALL MASONRY PARTITIONS. REFER TO DETAILS ON STRUCTURAL DRAWINGS.
 - INSTALL CMU ABOVE ALL OPENINGS IF ADJACENT WALL CONSTRUCTION IS CMU, UNLESS NOTED OTHERWISE.
 - REFER TO STRUCTURAL DRAWINGS FOR ALL CMU REINFORCING REQUIREMENTS.
 - PROVIDE 1" RADIUS BULL NOSE CMU TO THE UNDERSIDE OF THE CEILING AT ALL EXPOSED INTERIOR CORNER CONDITIONS, UNLESS NOTED OTHERWISE.
 - FOR CONTROL JOINT LOCATIONS AT INTERIOR MASONRY WALLS REFER TO SPECIFICATIONS. SUBMIT PROPOSED CONTROL JOINT LAYOUT TO THE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
 - FOR CONTROL JOINT LOCATION AT GWB PARTITIONS, SOFFITS AND CEILINGS REFER TO SPECIFICATIONS, AND INTERIOR ELEVATIONS, AND REFLECTIVE CEILING PLANS. SUBMIT PROPOSED CONTROL JOINT LAYOUT TO THE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
 - REFER TO CODE ANALYSIS CD-1.1, CD-1.2 FOR FIRE RATING REQUIREMENTS OF THE BUILDING COMPONENTS.
 - REFER TO STRUCTURAL DRAWINGS FOR NOTES/DESCRIPTIONS OF THE SPRAY APPLIED FIREPROOFING EXTENTS AND INTUMESCENT MASTIC FIREPROOFING SCOPE REQUIRED AT THE STRUCTURAL STEEL COMPONENTS.
 - SEE FOODSERVICE AND EQUIPMENT DRAWINGS FOR ADDITIONAL INFORMATION.
 - PROVIDE 20 GAUGE METAL STRAPPING BEHIND GWB (CONCEALED FROM VIEW) AS REQUIRED FOR MOUNTING OF THE MARKERBOARDS, TACKBOARDS, ACOUSTICAL PANELS, AND MARKER WALLS OCCURRING ON METAL STUD WALLS.
 - PROVIDE 3/4" FRT PLYWOOD BLOCKING (SIZES SHALL BE COORDINATED WITH TECHNOLOGY EQUIPMENT REQUIREMENTS) BEHIND GWB (CONCEALED FROM VIEW) AS REQUIRED FOR MOUNTING OF THE WALL MOUNTED PROJECTORS AND TV MONITORS OCCURRING ON METAL STUD WALLS.
 - PROVIDE FRT WOOD BLOCKING BEHIND GWB (CONCEALED FROM VIEW) AS REQUIRED FOR MOUNTING OF HANDRAILS, TOILET ACCESSORIES AND TOILETSHOWER PARTITIONS, AND DIVIDER CURTAIN TRACKS OCCURRING ON METAL STUD WALLS AND CEILINGS.
 - DIMENSIONS SHOWN ARE TO FACE OF STUDS OR FACE OF CMU, U.N.O.



100% CONSTRUCTION DOCUMENTS			STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
drawing title CLERESTORY PLAN - AREA A			drawing prepared by DRA ARCHITECTS 220 Oakland Road, Ste 200 South Windsor, CT 06074	
date 05/24/2019			scale As Indicated	
author Author			approved by Approver	
drawing no. A1-1-2A			project Renovations & Additions to Platt Technical High School 600 Orange Avenue, Milford, CT 06461	
CAD no. B4RT-076 CM-R			OSGCR project no. 900-0013	
revisions			date	
mark	date	description		
RA3	08/02/2019	Addendum No. 3		



- GENERAL NOTES - FLOOR PLANS:**
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 - ALL MASONRY PARTITIONS SHALL BE 8" CMU (8 WALL TYPE) UNLESS OTHERWISE NOTED ON THE FLOOR PLANS.
 - ALL GWB INTERIOR PARTITIONS PROVIDE G6.0 WALL TYPE UNLESS OTHERWISE NOTED ON THE FLOOR PLANS.
 - FURNISH AND INSTALL BOND BEAM LINTELS BY MASONRY (SUB-CONTRACTOR) AT ALL MASONRY OPENINGS UNLESS INDICATED OTHERWISE. REFER TO PLANS, ELEVATIONS, SECTIONS, DOOR SCHEDULES AND MECHANICAL (HVAC) DRAWINGS FOR INFORMATION. REFER TO MASONRY LINTEL SCHEDULE ON STRUCTURAL DRAWINGS FOR DETAILS AND INFORMATION.
 - FURNISH AND INSTALL RESTRAINTS BY METAL FABRICATIONS (SUB-CONTRACTOR) AT ALL MASONRY PARTITIONS. REFER TO DETAILS ON STRUCTURAL DRAWINGS.
 - INSTALL CMU ABOVE ALL OPENINGS IF ADJACENT WALL CONSTRUCTION IS CMU, UNLESS NOTED OTHERWISE.
 - REFER TO STRUCTURAL DRAWINGS FOR ALL CMU REINFORCING REQUIREMENTS.
 - PROVIDE 1" RADIUS BULL NOSE CMU TO THE UNDERSIDE OF THE CEILING AT ALL EXPOSED INTERIOR CORNER CONDITIONS, UNLESS NOTED OTHERWISE.
 - FOR CONTROL JOINT LOCATIONS AT INTERIOR MASONRY WALLS REFER TO SPECIFICATIONS. SUBMIT PROPOSED CONTROL JOINT LAYOUT TO THE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
 - FOR CONTROL JOINT LOCATIONS AT GWB PARTITIONS, SOFFITS AND CEILINGS REFER TO SPECIFICATIONS, AND INTERIOR ELEVATIONS, AND REFLECTIVE CEILING PLANS. SUBMIT PROPOSED CONTROL JOINT LAYOUT TO THE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
 - REFER TO CODE ANALYSIS CD-1-1, CD-1-2 FOR FIRE RATING REQUIREMENTS OF THE BUILDING COMPONENTS.
 - REFER TO STRUCTURAL DRAWINGS FOR NOTES/DESCRIPTIONS OF THE SPRAY APPLIED FIREPROOFING EXTENTS AND INTUMESCENT MASTIC FIREPROOFING SCOPE REQUIRED AT THE STRUCTURAL STEEL COMPONENTS.
 - SEE FOODSERVICE AND EQUIPMENT DRAWINGS FOR ADDITIONAL INFORMATION.
 - PROVIDE 20 GAUGE METAL STRAPPING BEHIND GWB (CONCEALED FROM VIEW) AS REQUIRED FOR MOUNTING OF THE MARKERBOARDS, TACKBOARDS, ACOUSTICAL PANELS, AND MARKER WALLS OCCURRING ON METAL STUD WALLS.
 - PROVIDE 3/4" FRT PLYWOOD BLOCKING (SIZES SHALL BE COORDINATED WITH TECHNOLOGY EQUIPMENT REQUIREMENTS) BEHIND GWB (CONCEALED FROM VIEW) AS REQUIRED FOR MOUNTING OF THE WALL MOUNTED PROJECTORS AND TV MONITORS OCCURRING ON METAL STUD WALLS.
 - PROVIDE FRT WOOD BLOCKING BEHIND GWB (CONCEALED FROM VIEW) AS REQUIRED FOR MOUNTING OF HANDRAILS, TOILET ACCESSORIES AND TOILETSHOWER PARTITIONS, AND DIVIDER CURTAIN TRACKS OCCURRING ON METAL STUD WALLS AND CEILINGS.
 - DIMENSIONS SHOWN ARE TO FACE OF STUDS OR FACE OF CMU, U.N.O.

1 SECOND FLOOR PLAN - AREA B
1/8" = 1'-0"

100% CONSTRUCTION DOCUMENTS

drawing title
SECOND FLOOR PLAN - AREA B

STATE OF CONNECTICUT
DEPARTMENT OF ADMINISTRATIVE SERVICES

drawing prepared by
DRA ARCHITECTS
320 Colburn Road, Shelton, CT 06484
South Windsor, CT 06074

date
05/24/2019

scale
As Indicated

drawn by
Author

approved by
Approver

drawing no.
A1-1-2B

REVISIONS	
mark	description
RA3	08/02/2019 Addition No. 3

project
Renovations & Additions to Platt Technical High School
600 Orange Avenue, Milford, CT 06461

CAD no.
DCS project no.
B1-RT-076 CM-R

OSGCR project no.
900-0013

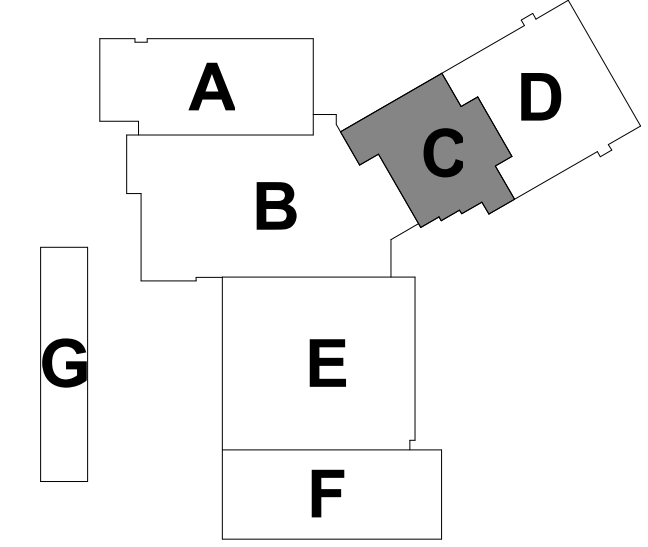
GENERAL NOTES - FLOOR PLANS:

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8. PROVIDE 1" RADIUS BULL NOSE CMU TO THE UNDERSIDE OF THE CEILING AT ALL EXPOSED INTERIOR CORNER CONDITIONS, UNLESS NOTED OTHERWISE.
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13. SEE FOODSERVICE AND EQUIPMENT DRAWINGS FOR ADDITIONAL INFORMATION. REQUIRED FOR MOUNTING OF THE MARKERBOARDS, TACKBOARDS, ACOUSTICAL PANELS, AND MARKER WALLS OCCURRING ON METAL STUD WALLS.
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17. DIMENSIONS SHOWN ARE TO FACE OF STUDS OR FACE OF CMU, U.N.O.



1 SECOND FLOOR PLAN - AREA C
1/8" = 1'-0"

100% CONSTRUCTION DOCUMENTS			drawing title SECOND FLOOR PLAN - AREA C							
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REVISIONS										
mark	description									
RA3	08/02/2019 Addition No. 3									
			date 05/24/2019	scale As Indicated						
			drawn by Author	approved by Approver						
			drawing no. A1-1-2C							

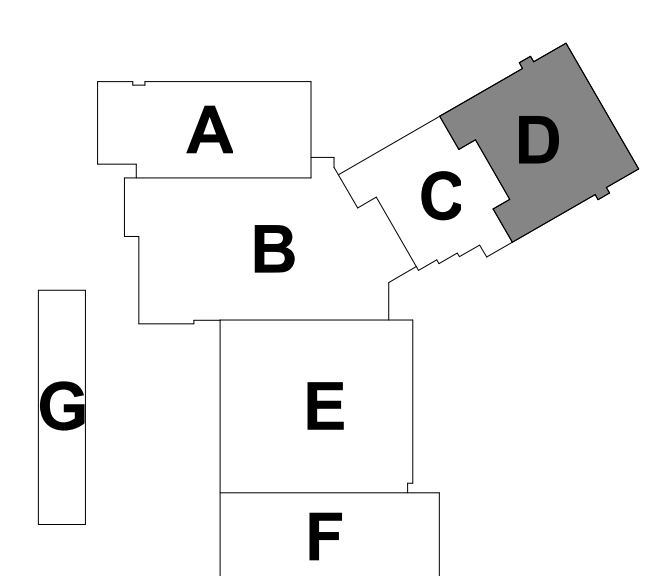


GENERAL NOTES - FLOOR PLANS:

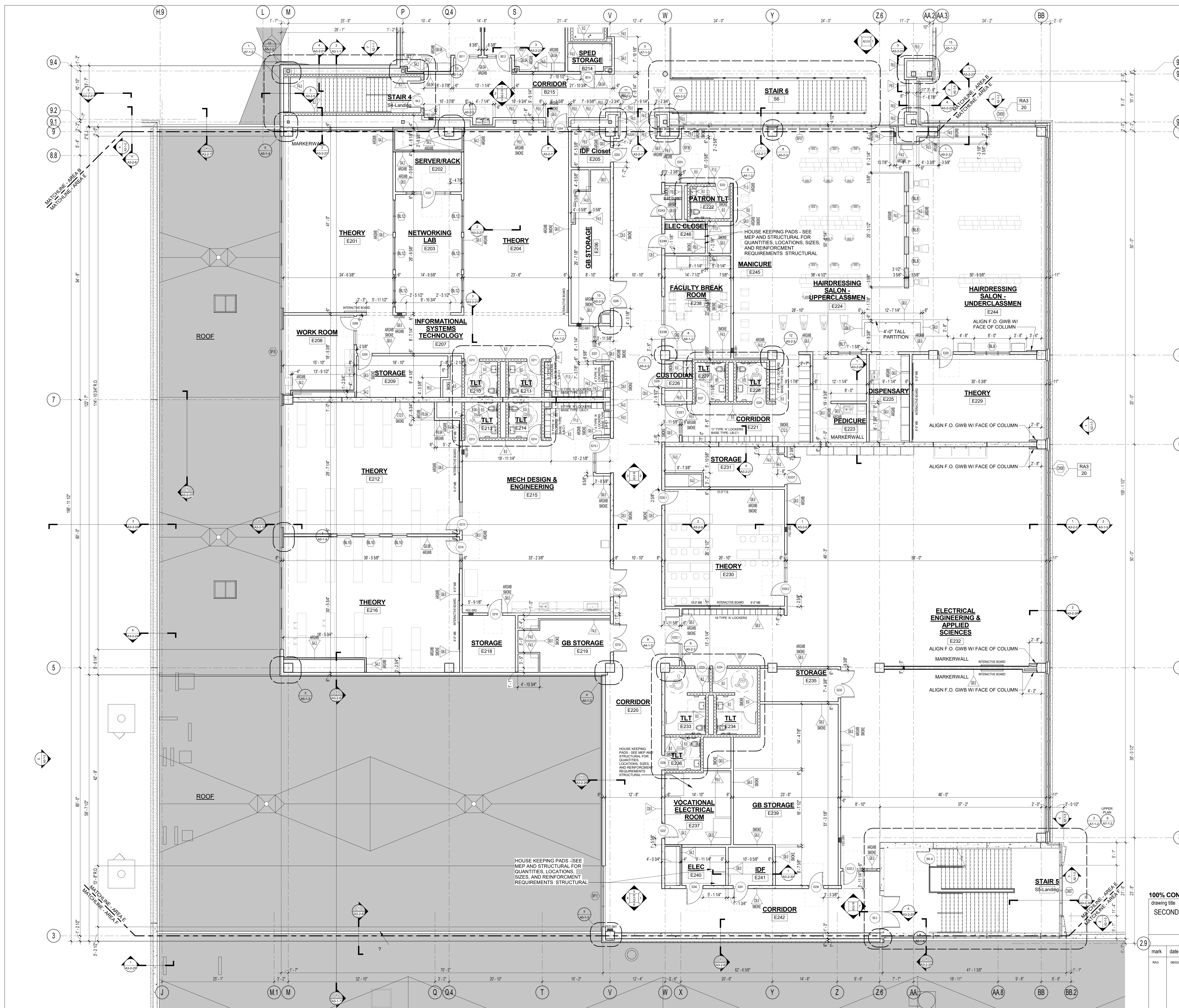
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1 SECOND FLOOR PLAN - D
1/8" = 1'-0"

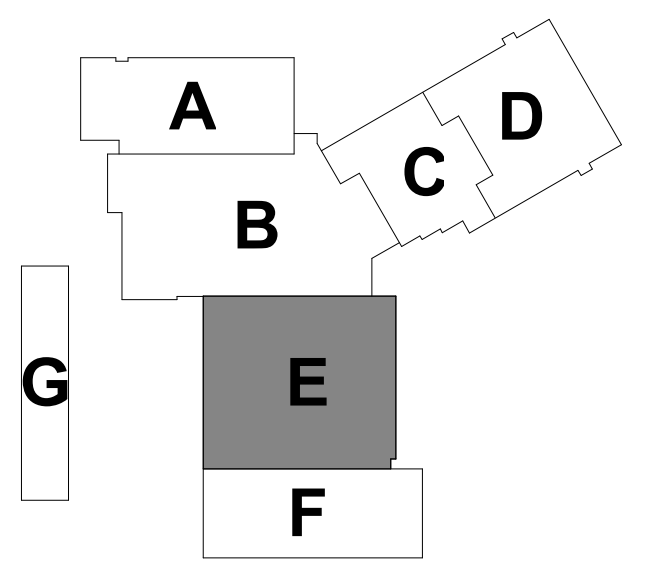


100% CONSTRUCTION DOCUMENTS		drawing title		STATE OF CONNECTICUT	
SECOND FLOOR PLAN - AREA D		DEPARTMENT OF ADMINISTRATIVE SERVICES			
drawing prepared by		date		05/24/2019	
DRA ARCHITECTS		scale		As Indicated	
200 Graham Road, Suite 305 South Windsor, CT 06074		drawn by		Author	
project		approved by		Approver	
Renovations & Additions to Platt Technical High School		drawing no.		A1-1-2D	
400 Orange Avenue, Milford, CT 06461		CAD no.		DCS project no. BLRT-076 CM-R	
		OSGCR project no.		900-0113	



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 17. DIMENSIONS SHOWN ARE TO FACE OF STUDS OR FACE OF CMU, U.N.O.

1 SECOND FLOOR PLAN - AREA E
1/8" = 1'-0"



100% CONSTRUCTION DOCUMENTS
drawing title
SECOND FLOOR PLAN - AREA E

STATE OF CONNECTICUT
DEPARTMENT OF ADMINISTRATIVE SERVICES

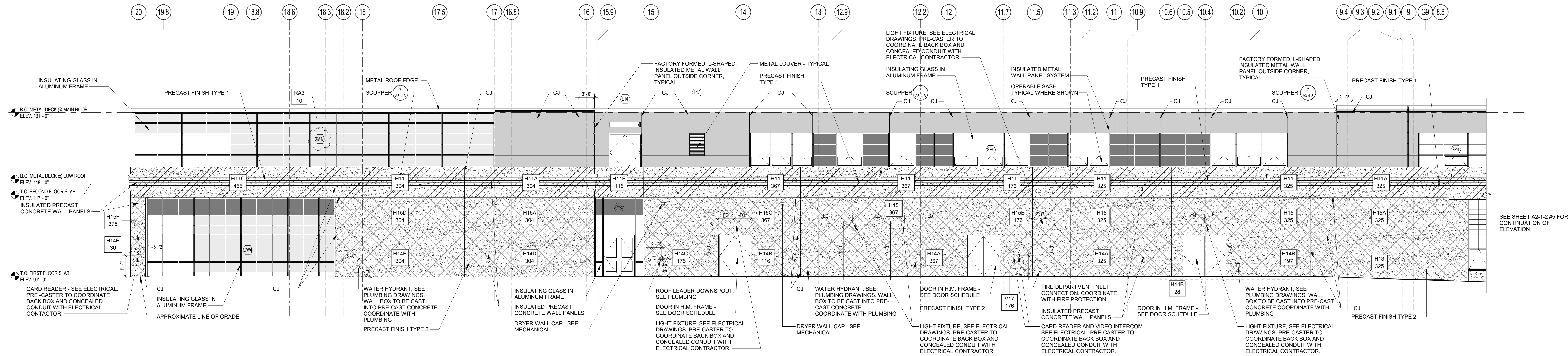
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RA3	08/20/2019	Addendum No. 3

drawing prepared by
DRA ARCHITECTS
200 Oakland Road, Ste 200
South Windsor, CT 06074

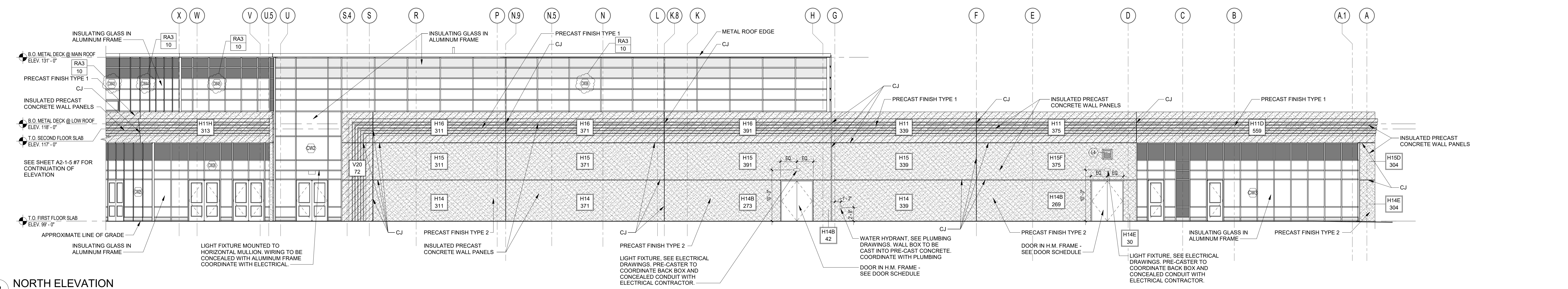
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Renovations & Additions to Platt Technical High School
400 Orange Avenue, Milford, CT 06461

CAD no. DCS project no. B4-RF-076 CM-R OSGCR project no. 900-0013

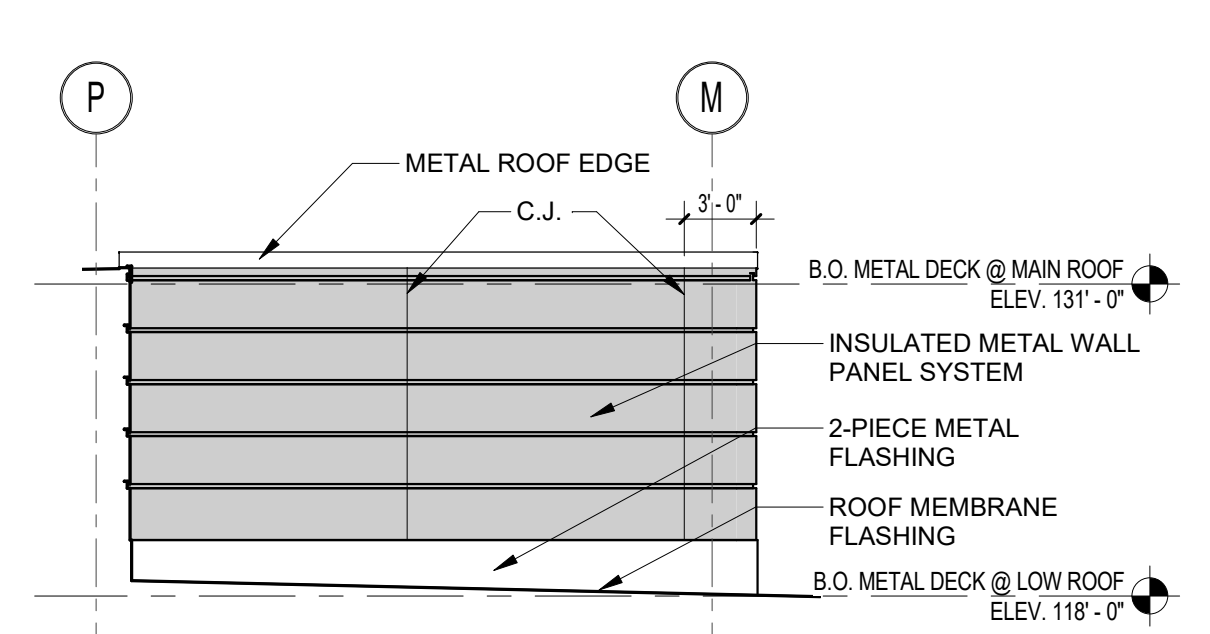
date 05/24/2019
scale As Indicated
drawn by
approved by
drawing no. **A1-1-2E**



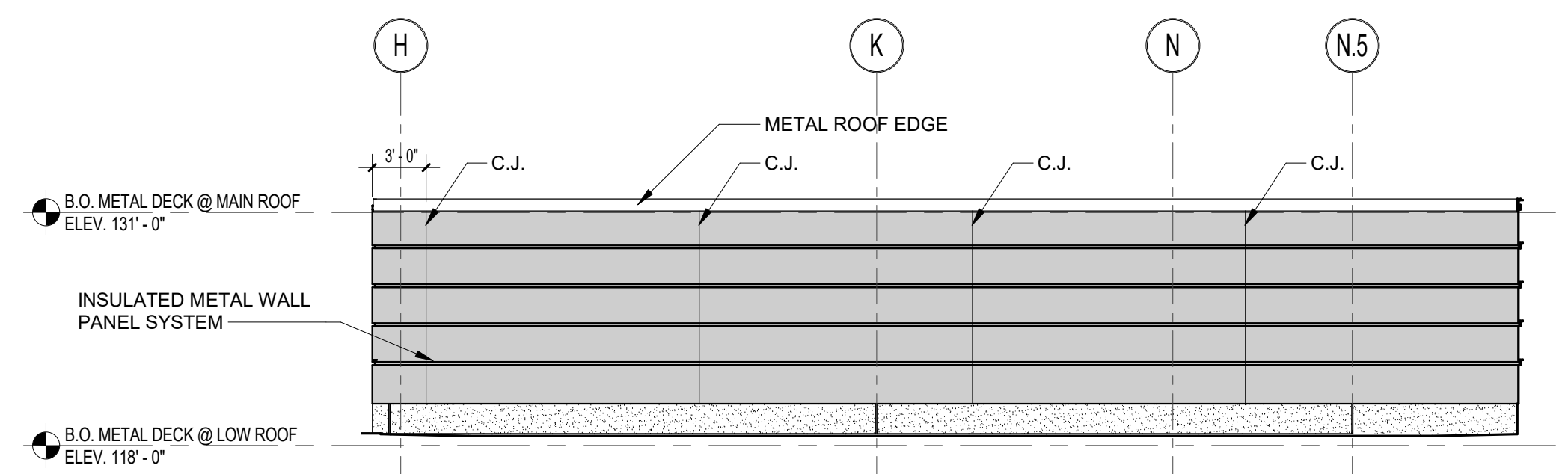
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1/8" = 1'-0"



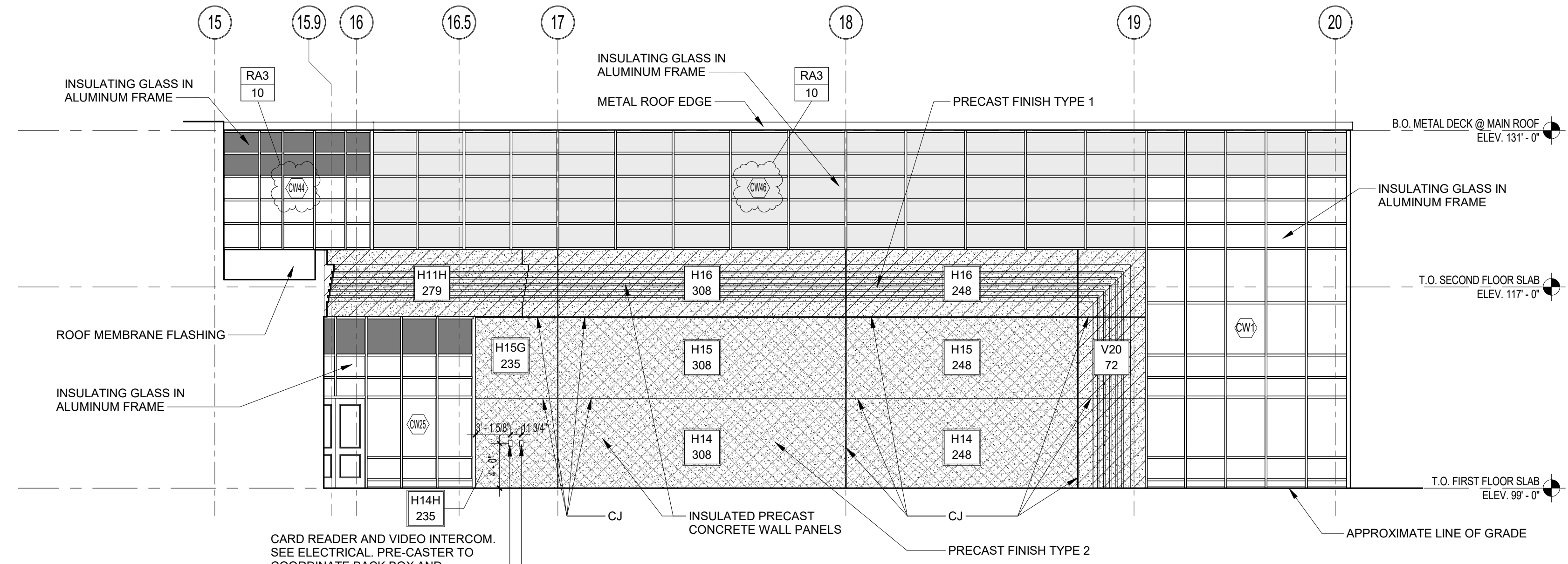
2 NORTH ELEVATION
1/8" = 1'-0"



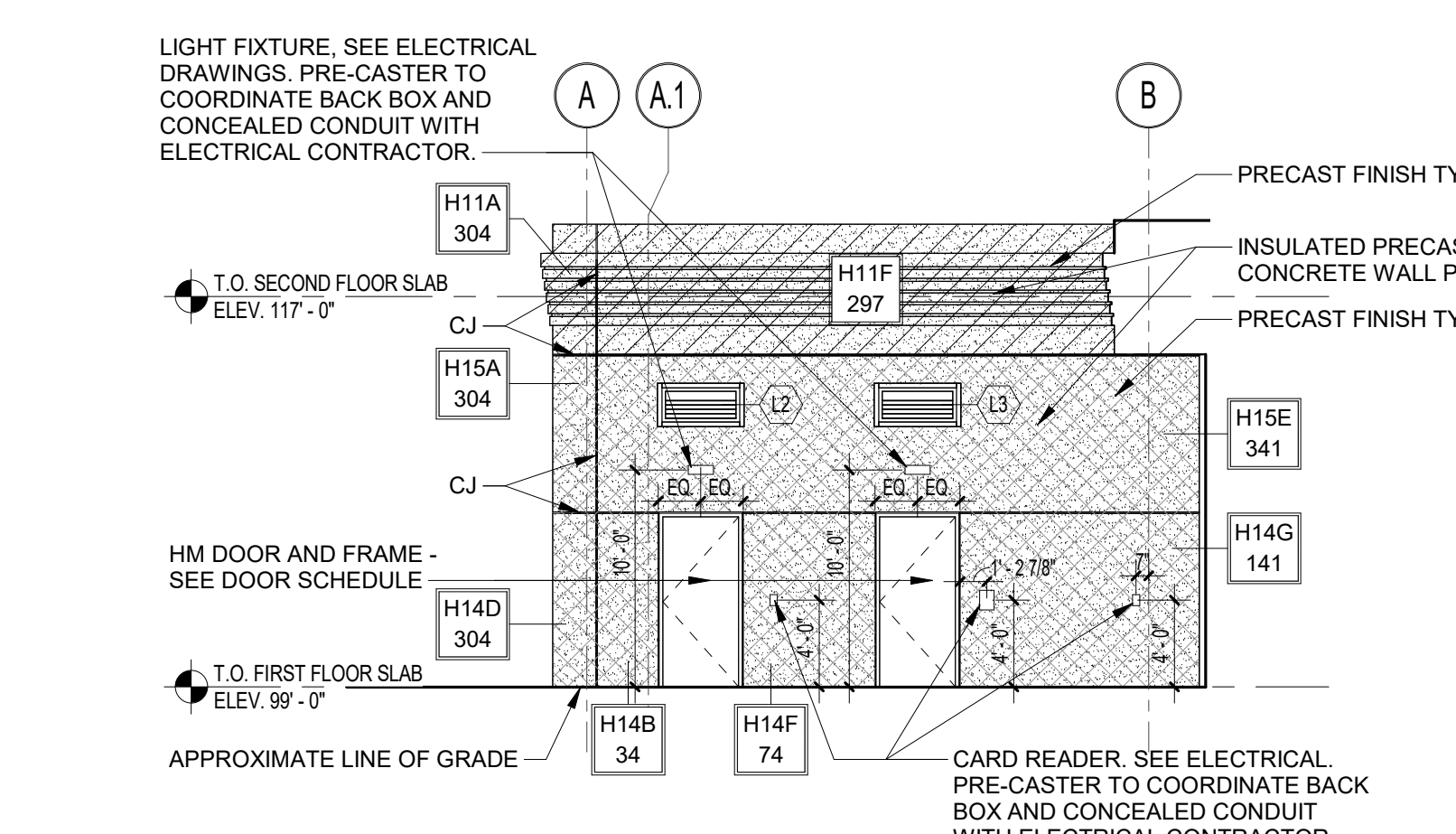
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1/8" = 1'-0"



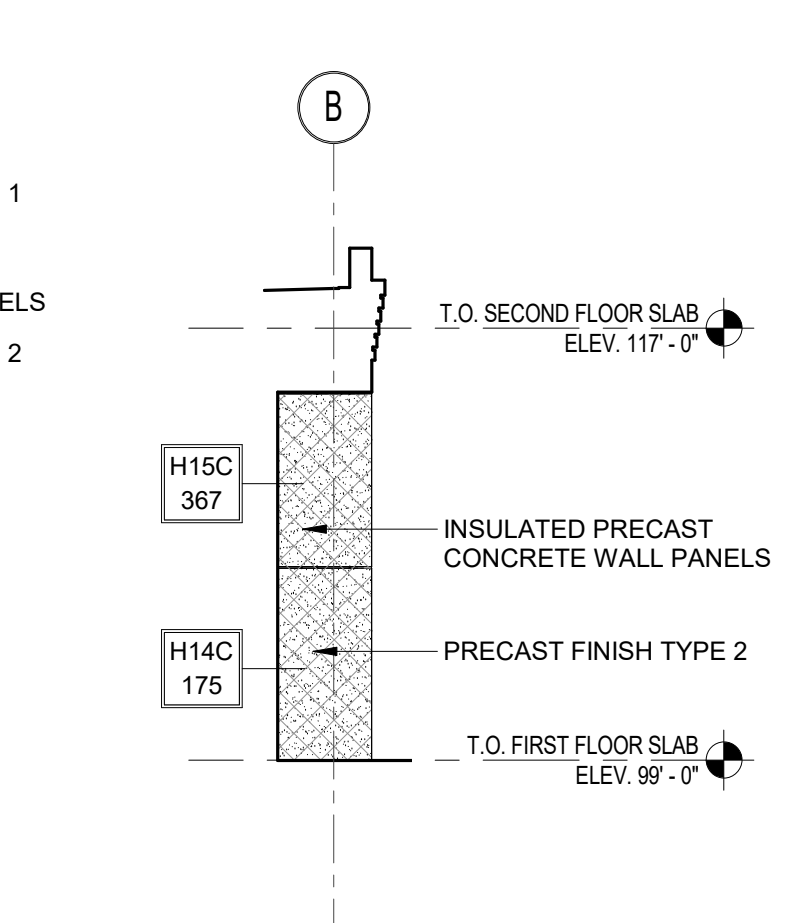
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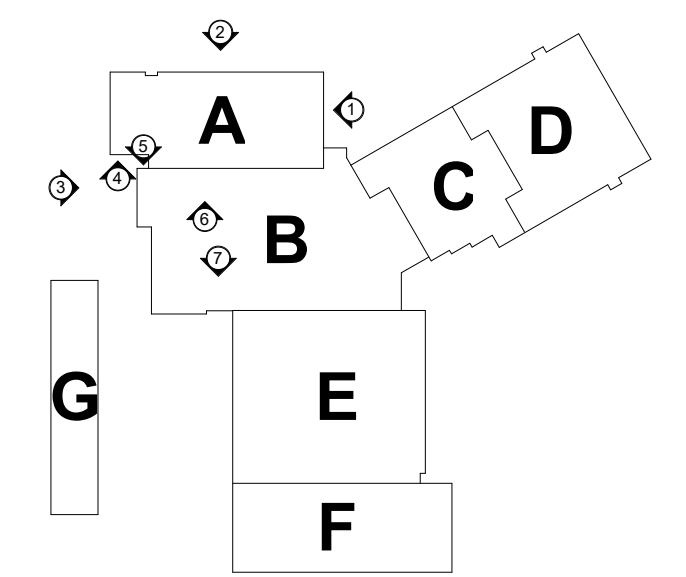
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1/8" = 1'-0"



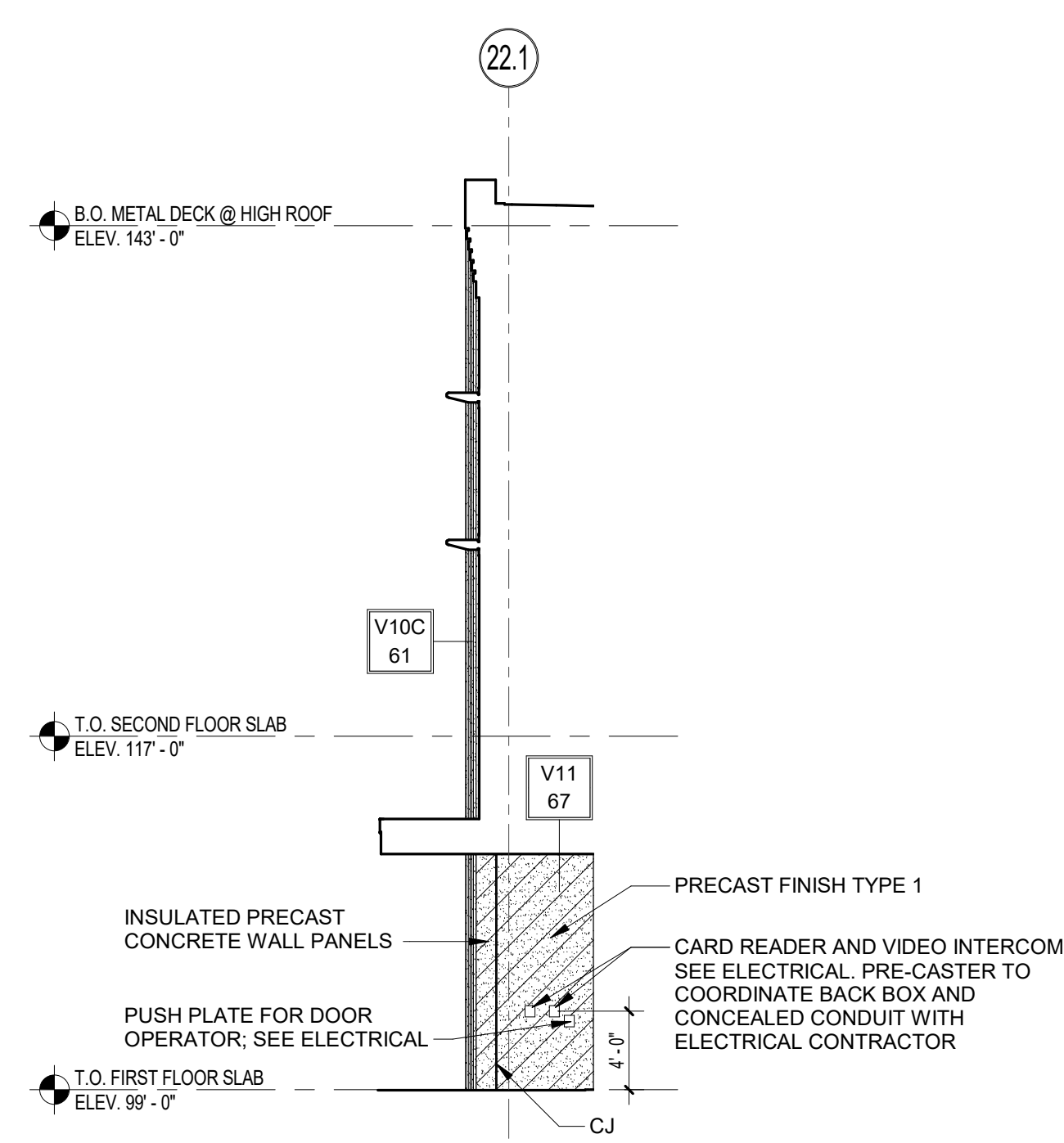
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1/8" = 1'-0"



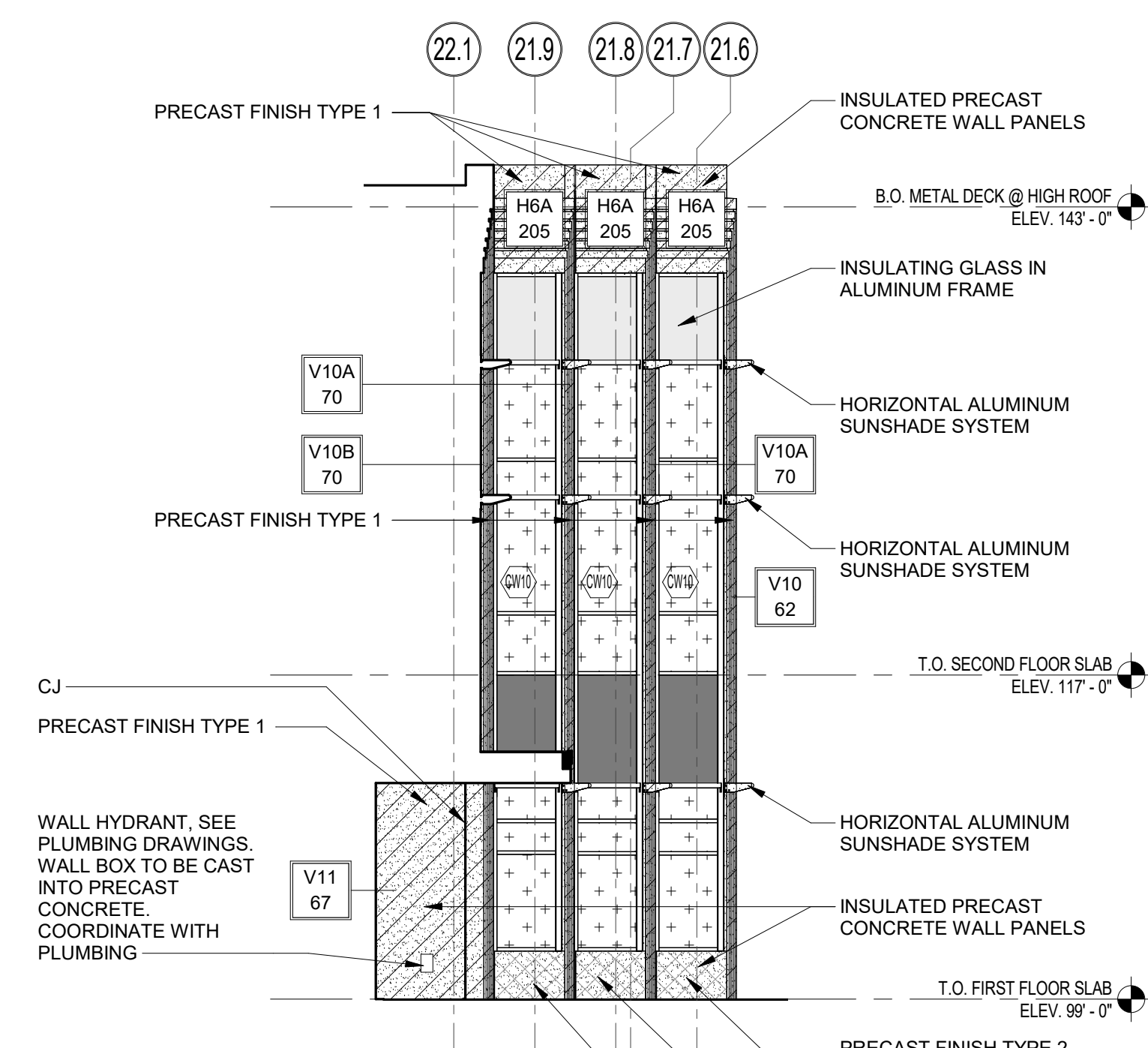
5 NORTH ELEVATION
1/8" = 1'-0"



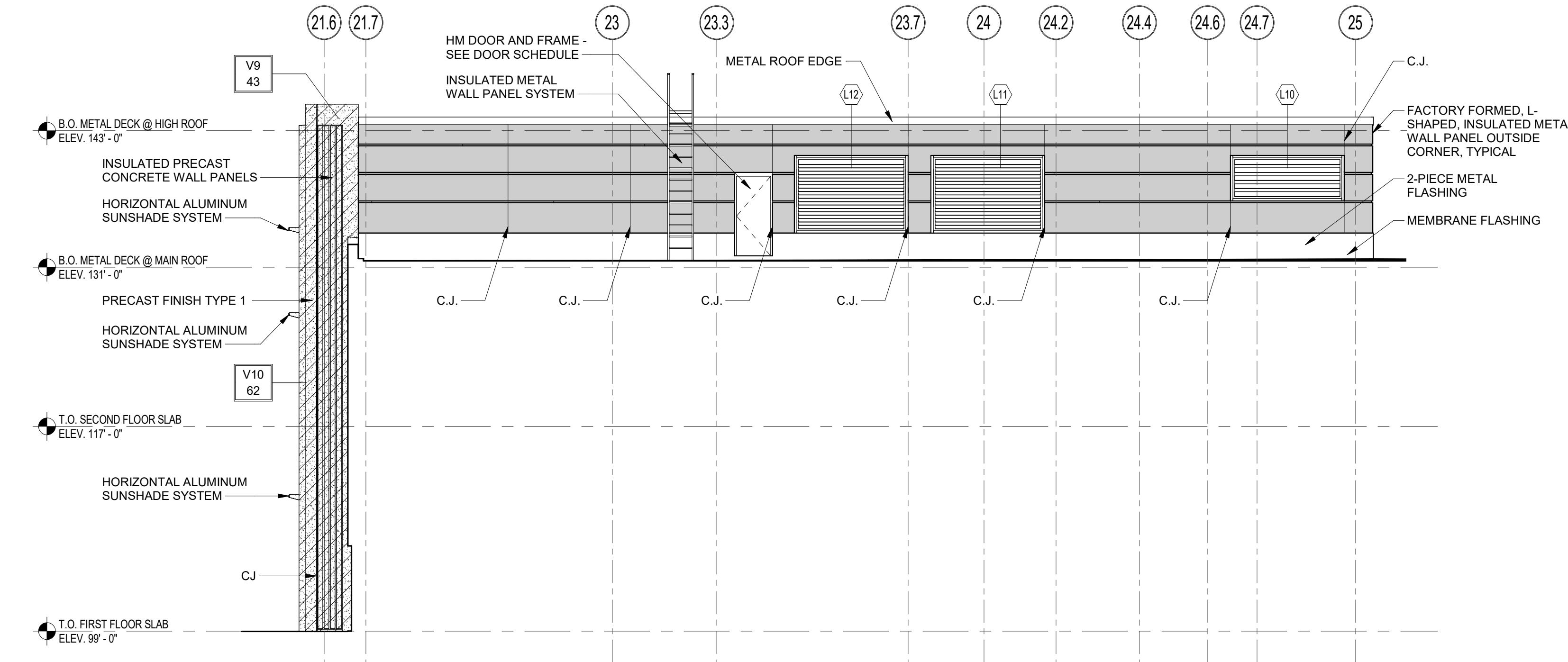
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drawing title	BUILDING ELEVATIONS		drawing prepared by	date
RA3	08/22/2019	Addendum No. 3	DRA ARCHITECTS 320 Colburn Road, Ste 205 South Windsor, CT 06074	05/24/2019
scale	As Indicated		project	approved by
author	approved by		Renovations & Additions to Platt Technical High School	drawing no.
approved by	approved by		400 Orange Avenue, Milford, CT 06461	A2-1-1
drawing no.	drawing no.		CAD no.	OSGCR project no.
			BLRT-076 CM-R	900-0013



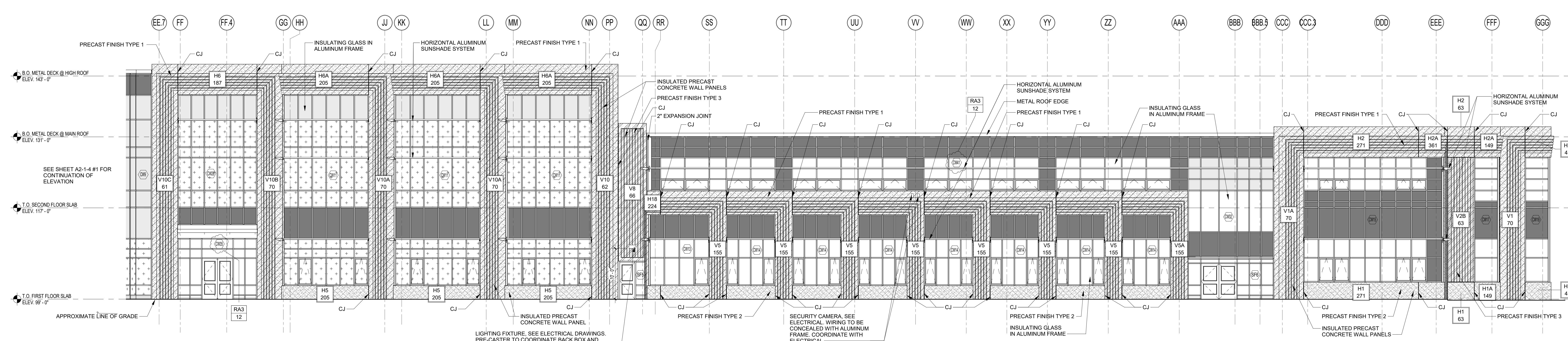
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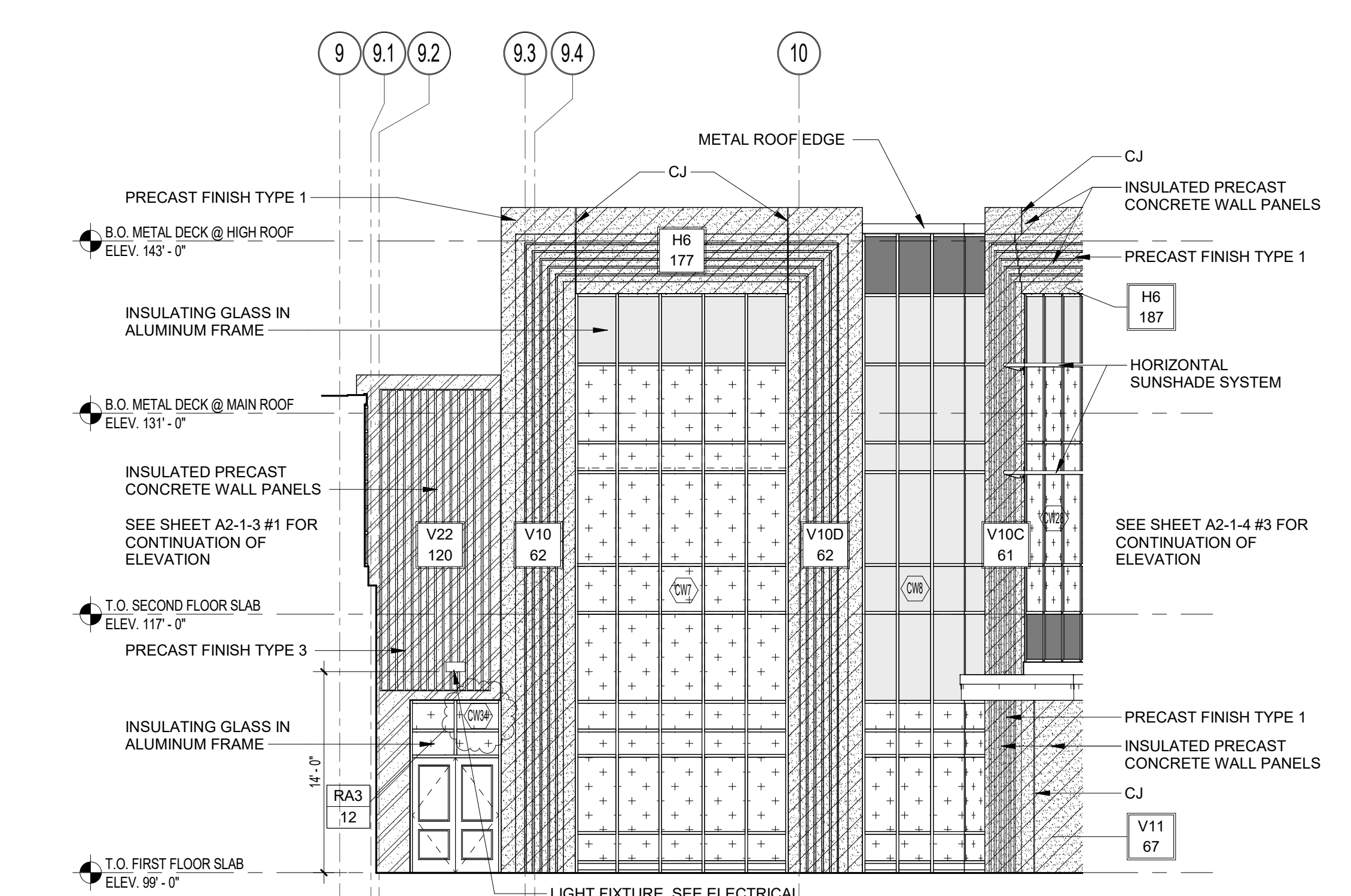
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1/8" = 1'-0"



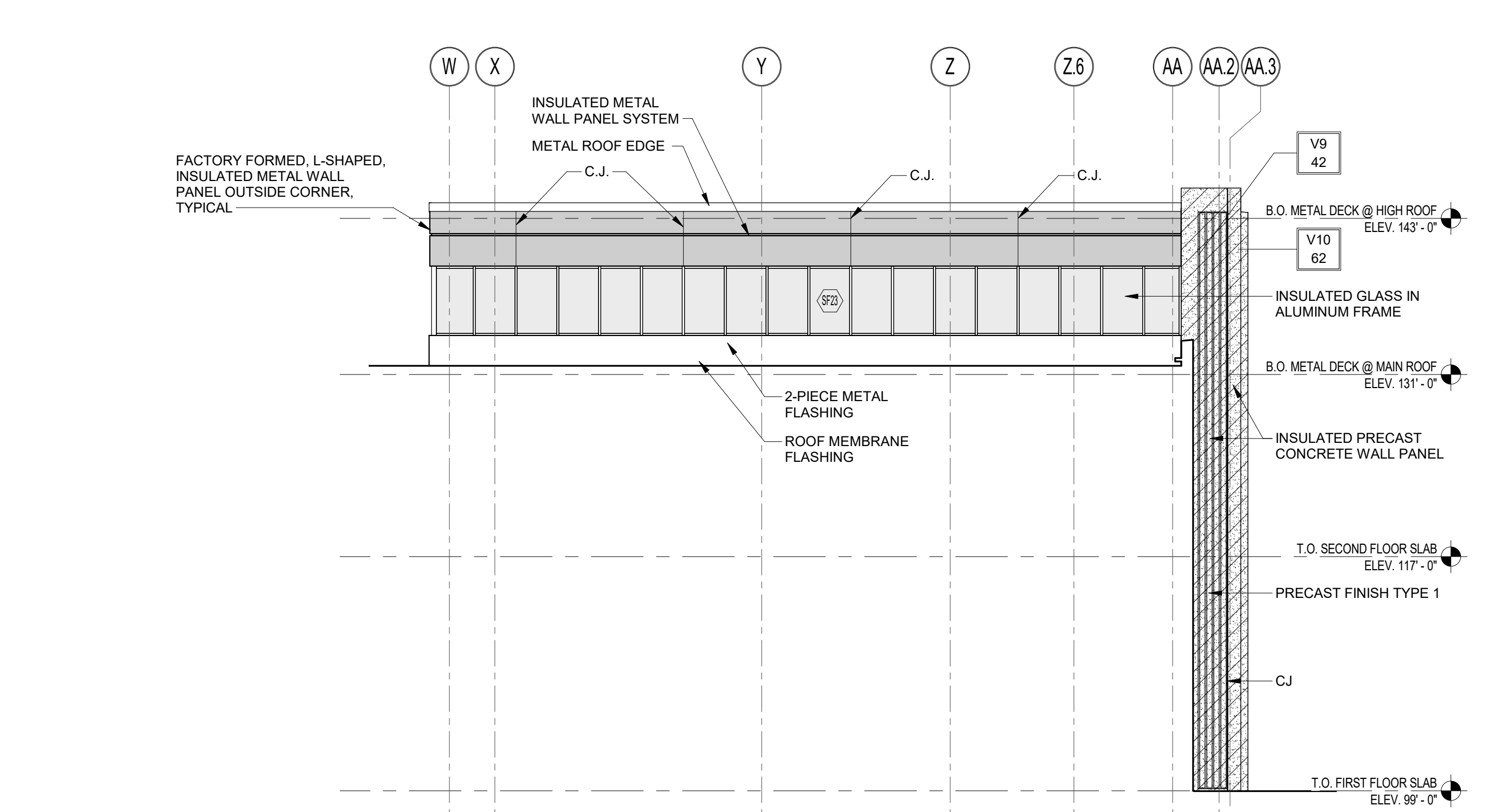
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1/8" = 1'-0"



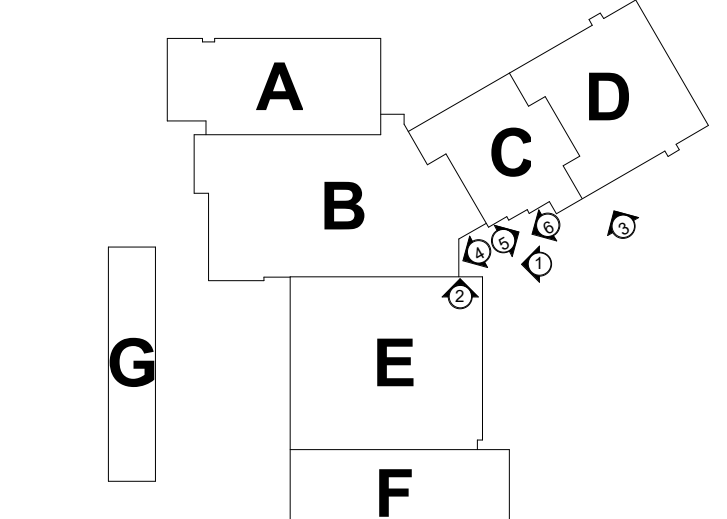
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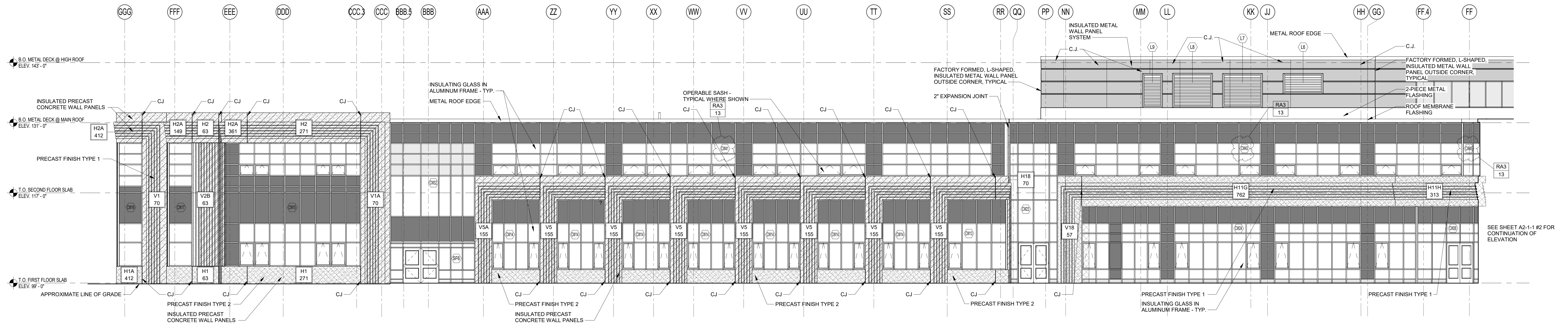
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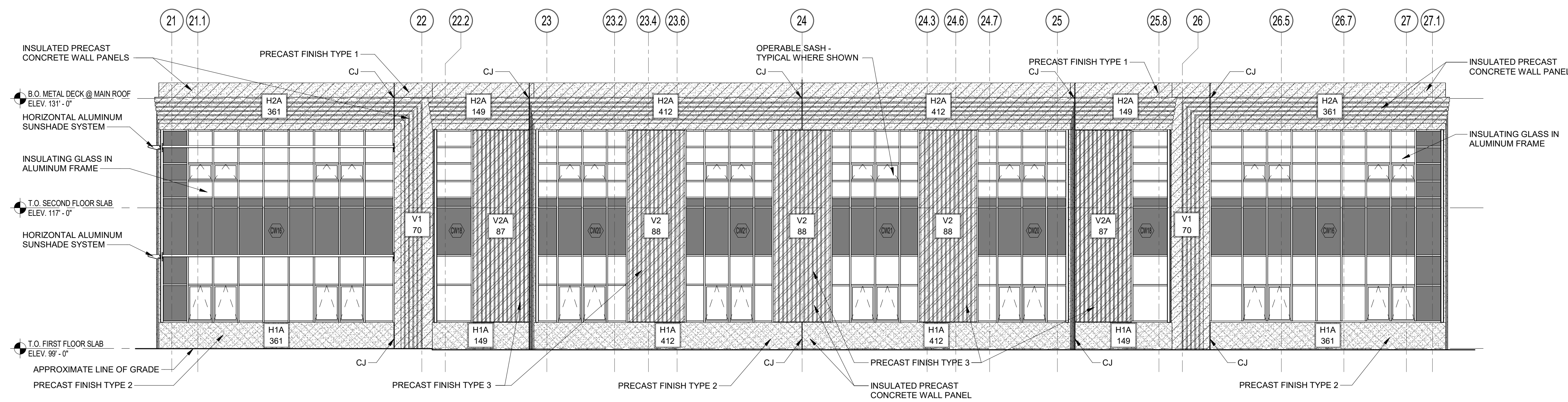
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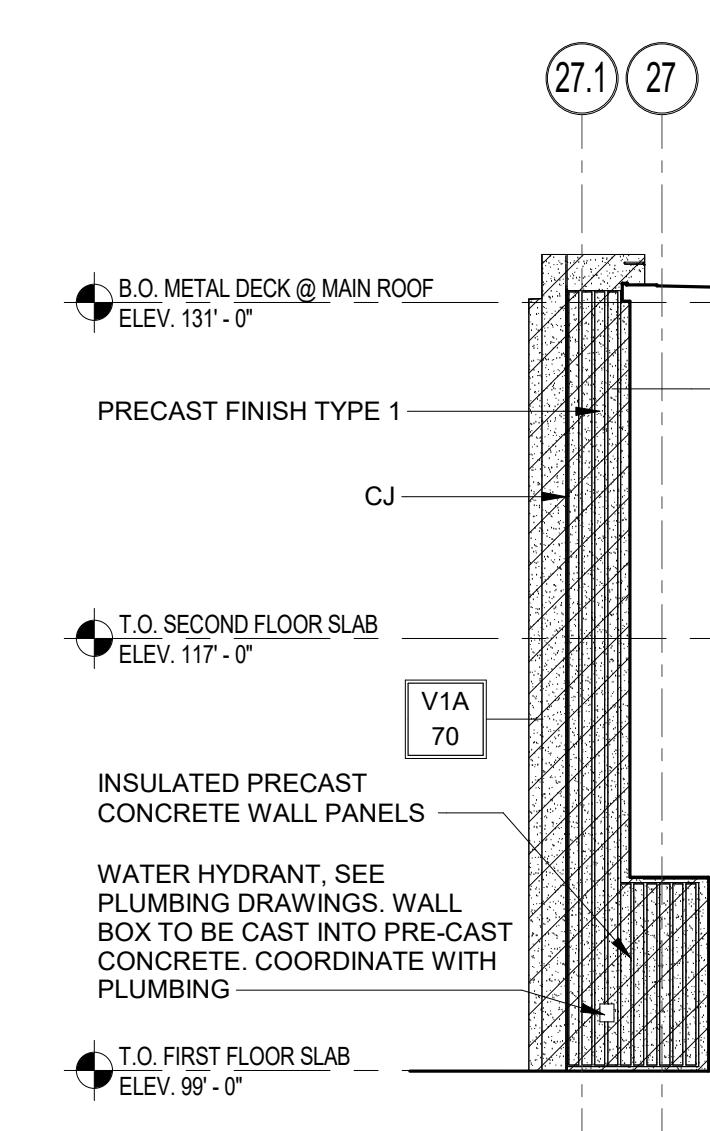
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BUILDING ELEVATIONS			STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
REVISIONS			drawing prepared by	date
mark	date	description	DRA ARCHITECTS	05/24/2019
RA3	08/02/2019	Addendum No. 3	220 Colburn Road, Ste 200 South Windsor, CT 06074	scale
			project	As Indicated
			Renovations & Additions to Platt Technical High School	author
			400 Orange Avenue, Milford, CT 06461	approved by
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			DCS project no.	drawing no.
			OSCRG project no.	A2-1-4
			BLRT-076 CM-R	900-0013



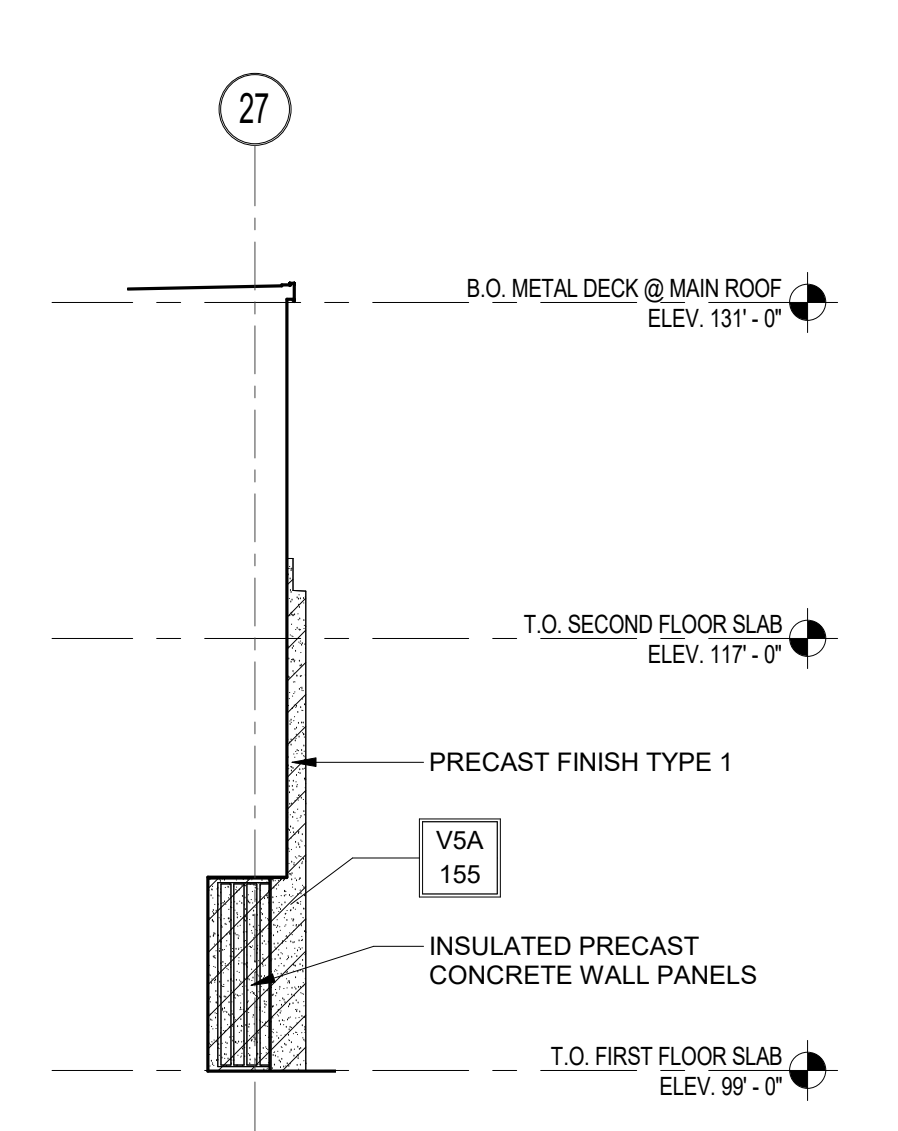
7 NORTH ELEVATION
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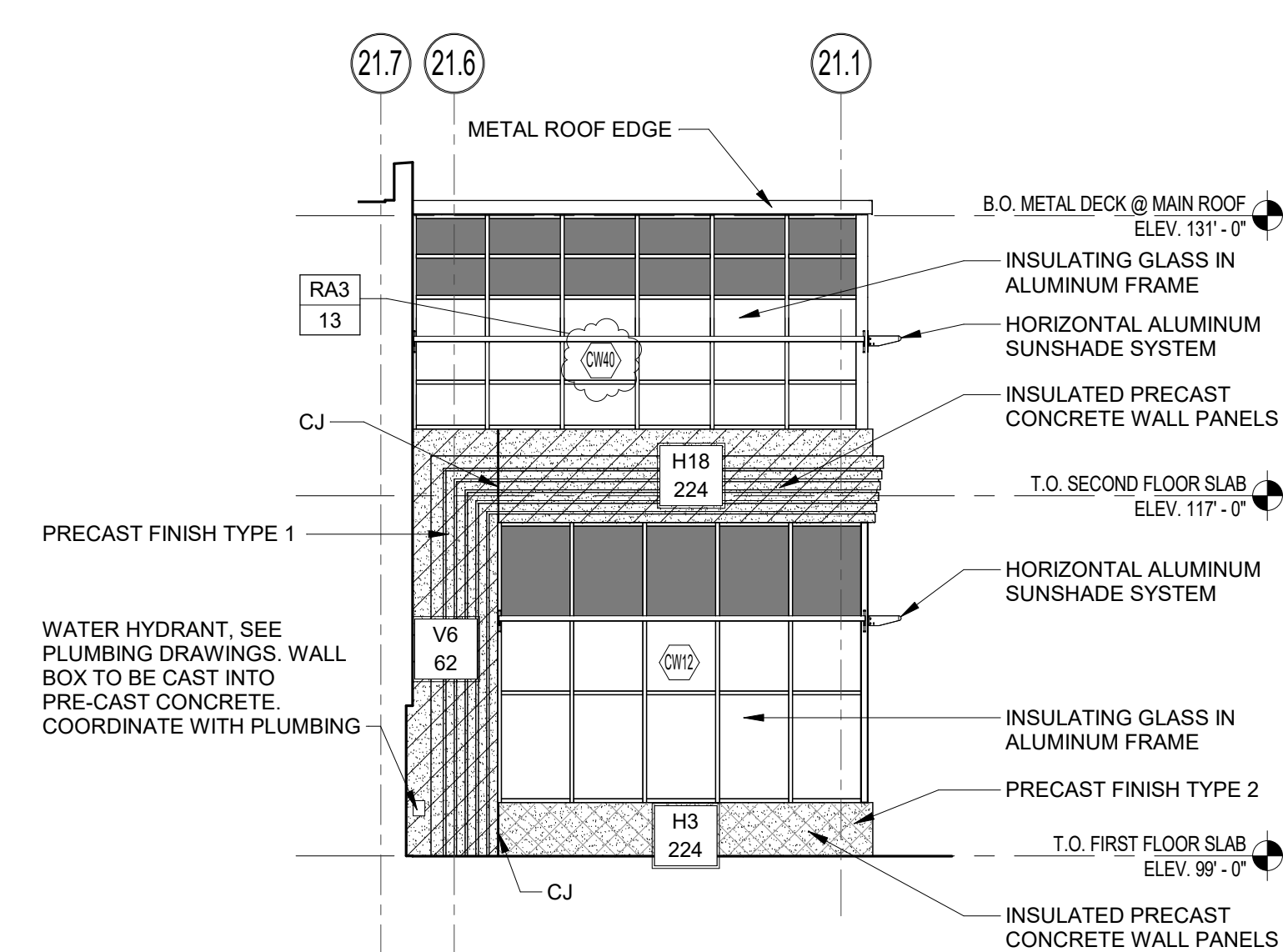
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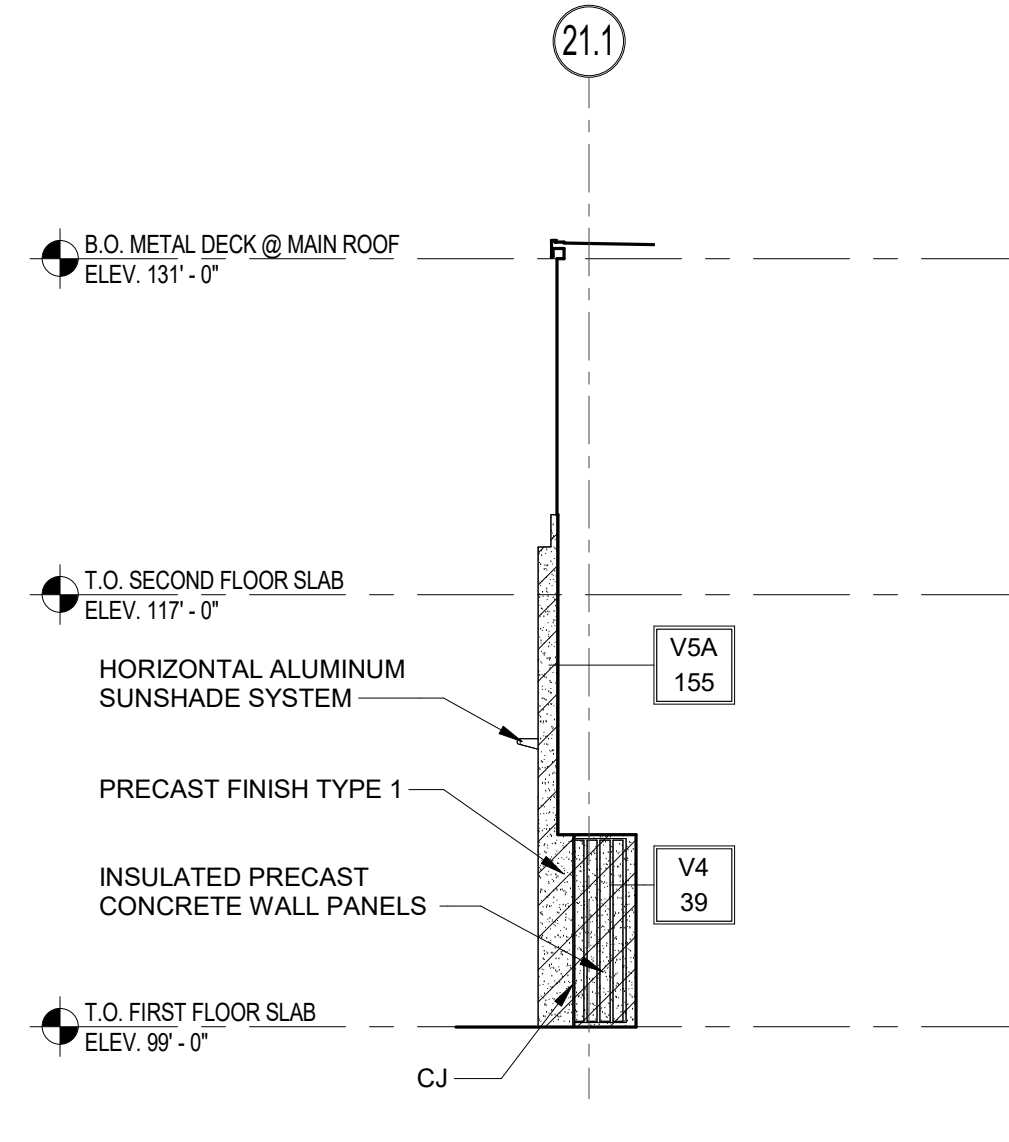
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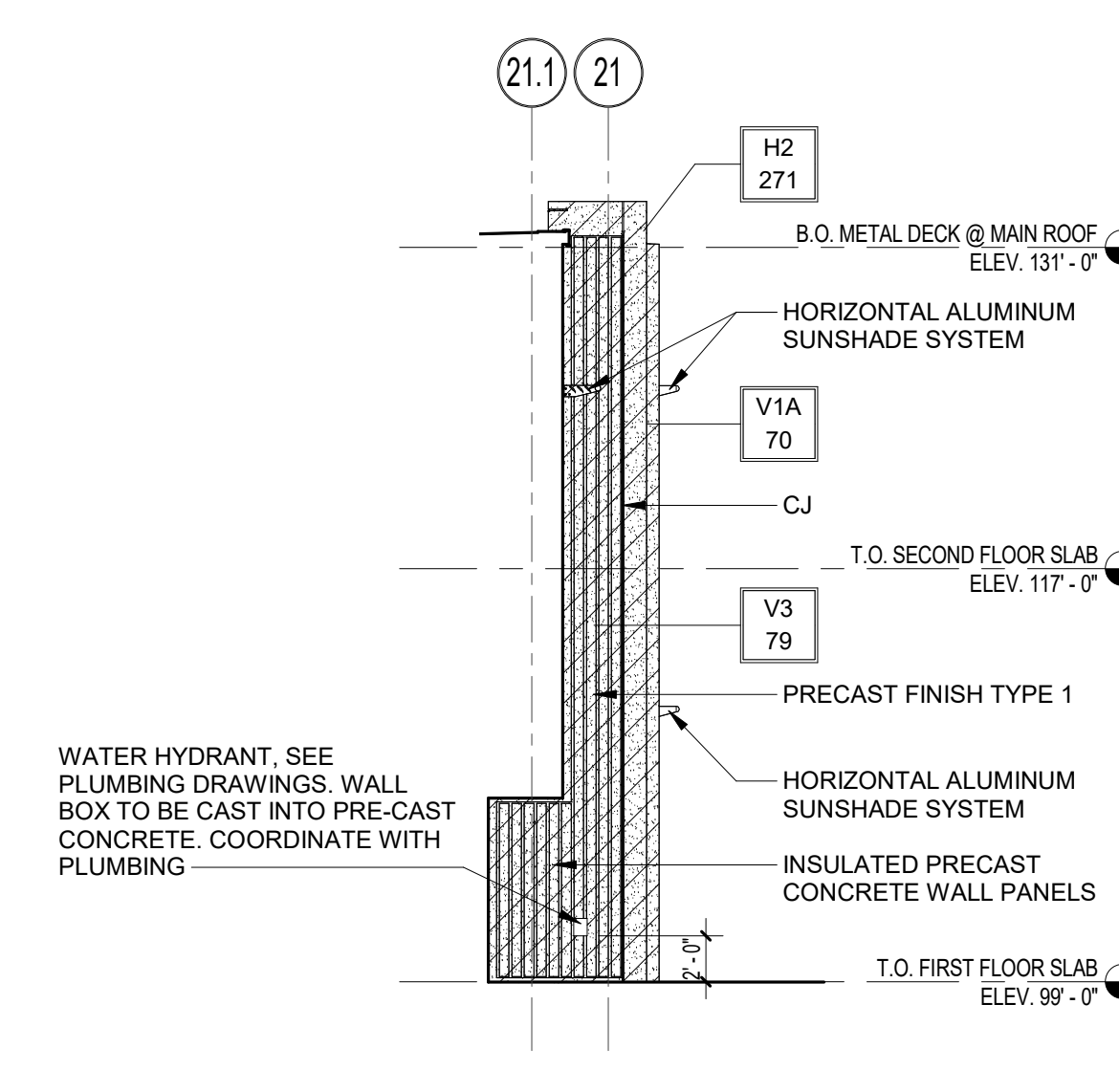
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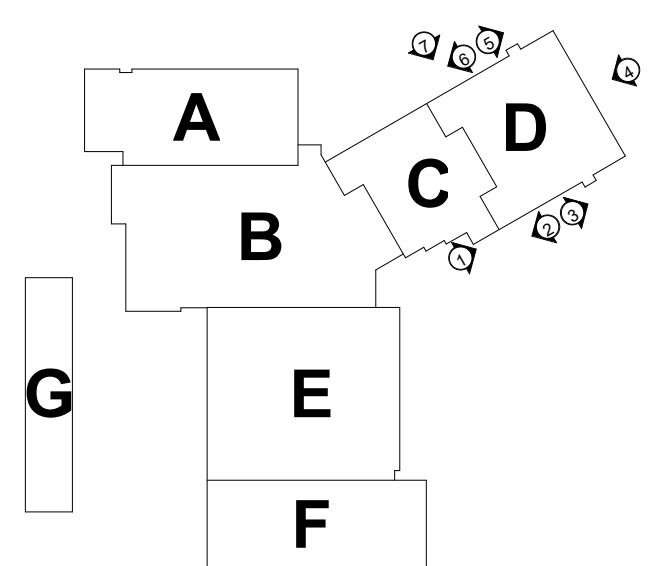
1 SOUTHWEST ELEVATION
1/8" = 1'-0"



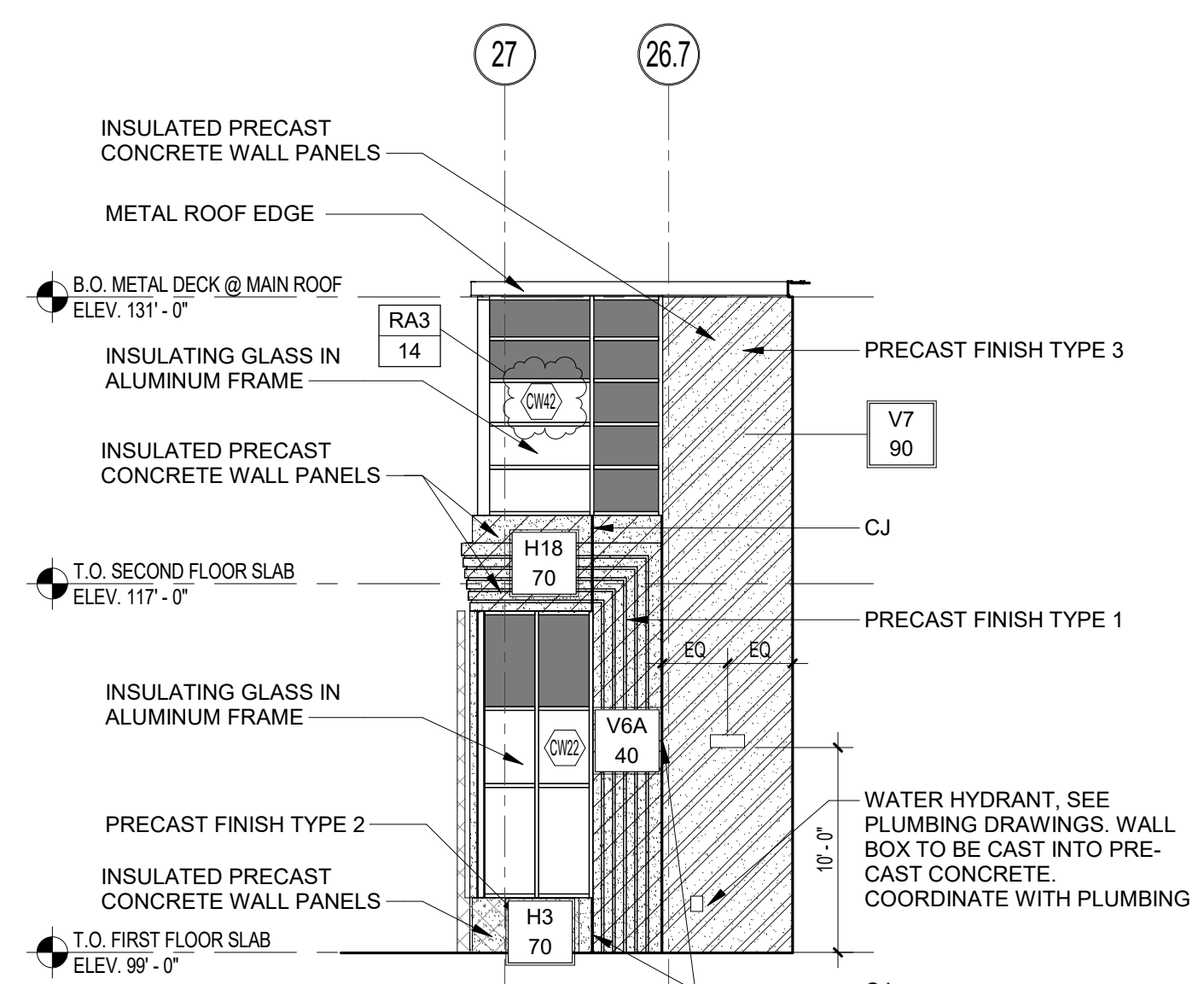
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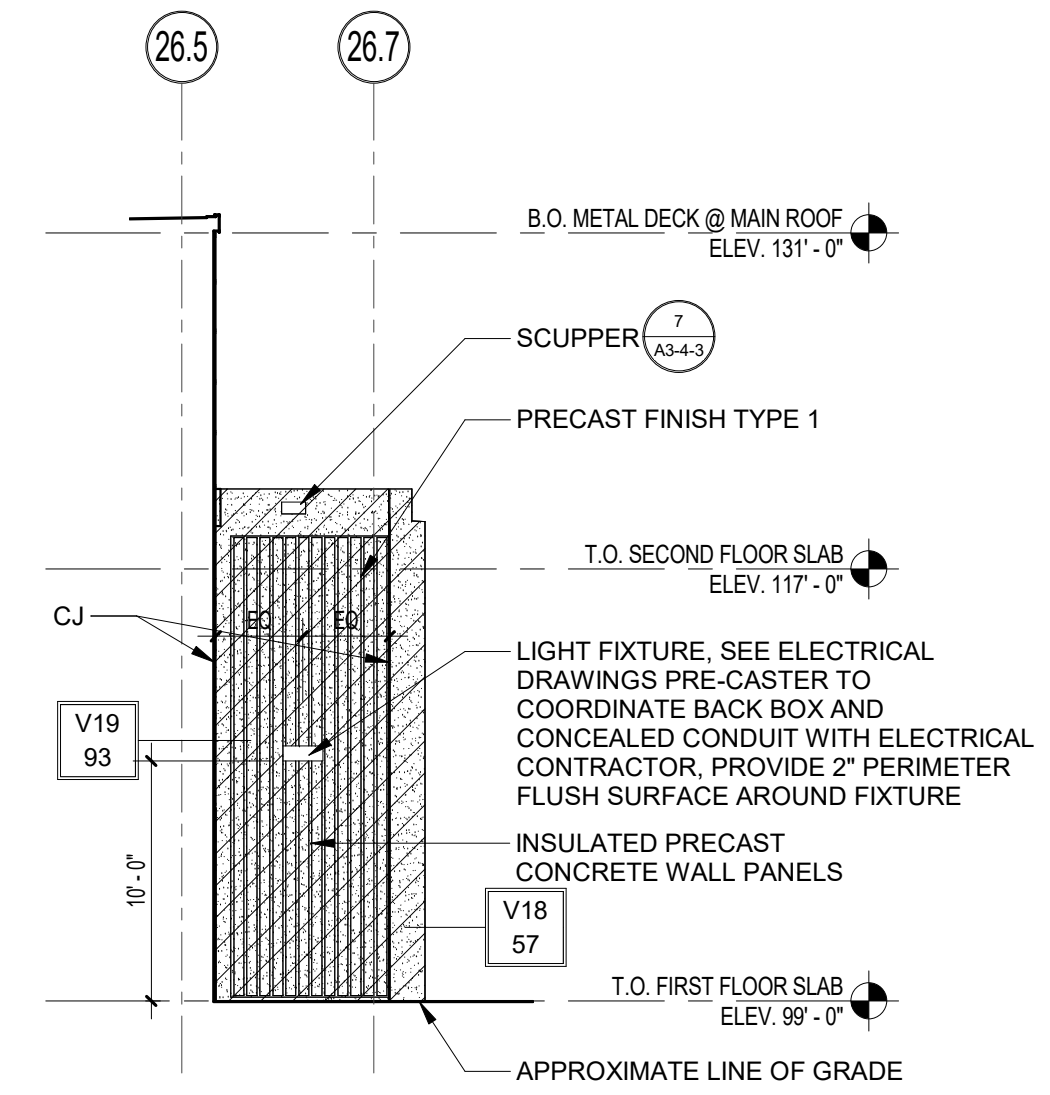
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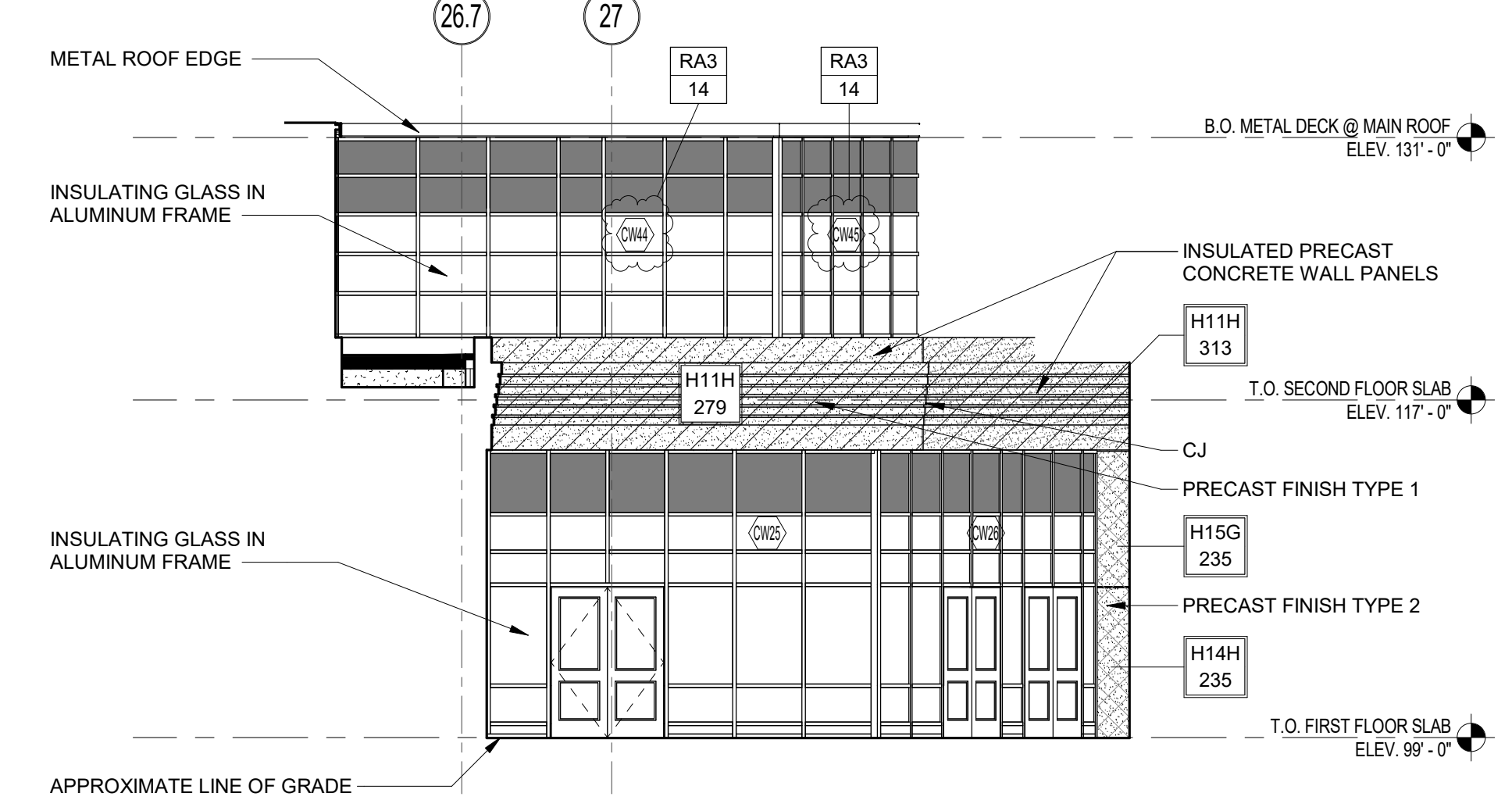
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BUILDING ELEVATIONS			STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
drawing prepared by			date	
DRA ARCHITECTS			05/24/2019	
220 Oakland Road, Ste 200 South Windsor, CT 06074			scale	
project			As Indicated	
Renovations & Additions to Platt Technical High School			drawn by	
400 Orange Avenue, Milford, CT 06461			Author	
CAD no.			approved by	
DCS project no. BLRT-076 CM-R			Approver	
OSGCR project no. 900-0013			drawing no.	
			A2-1-5	



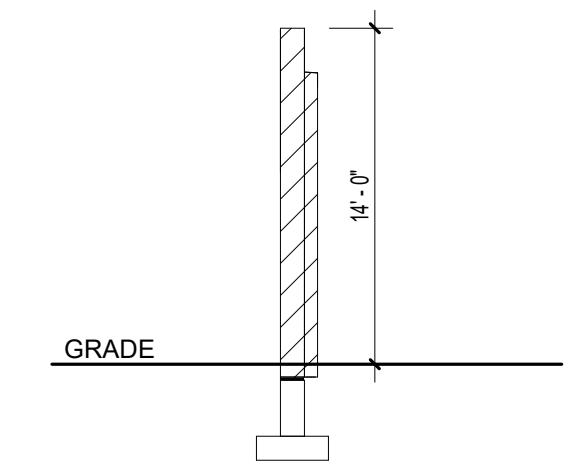
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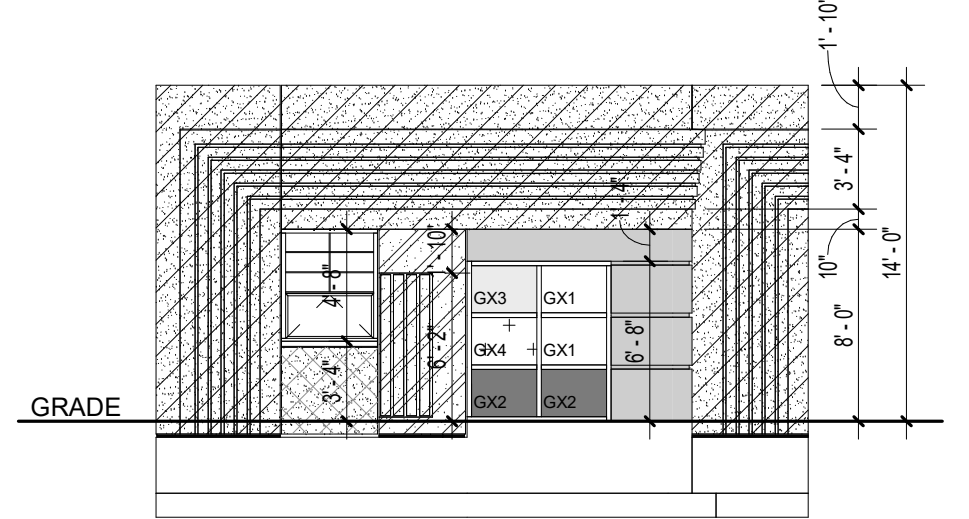
2 NORTHEAST ELEVATION
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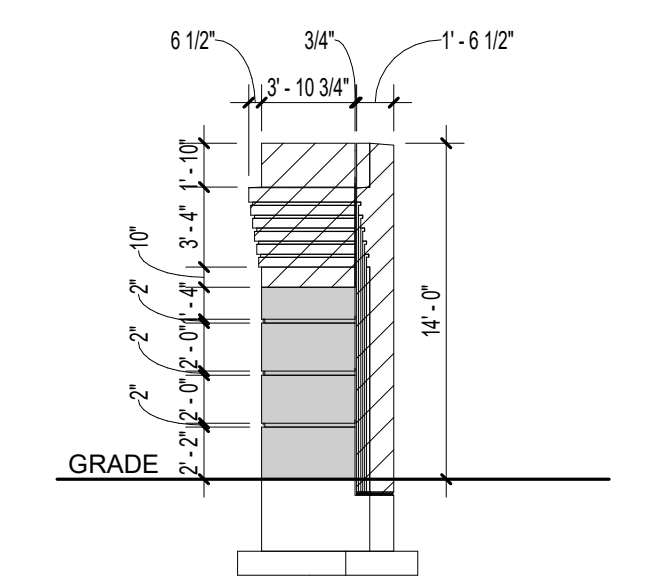
3 NORTH EAST ELEVATION
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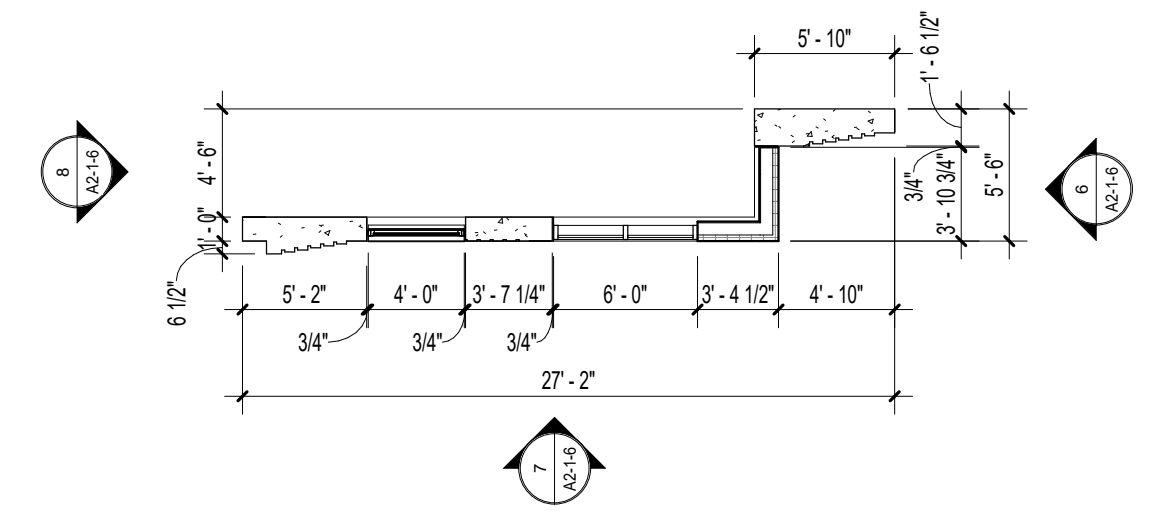
8 MOCKUP WALL - WEST
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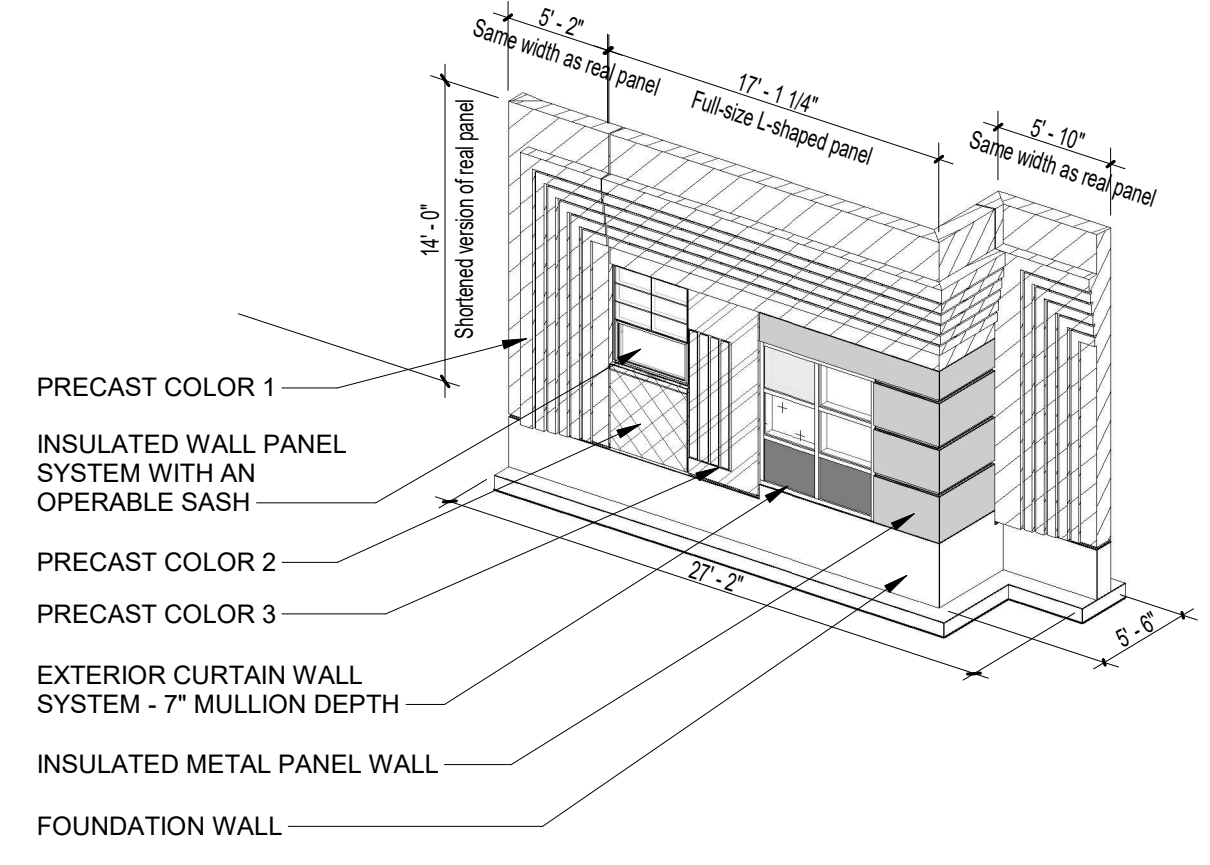
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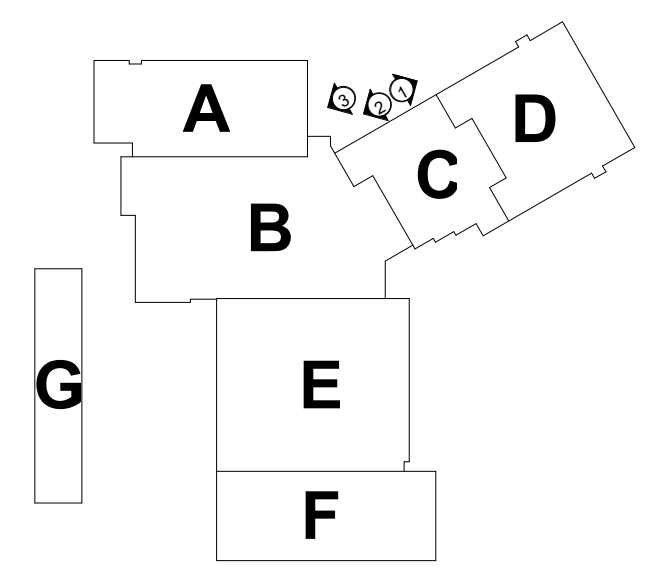
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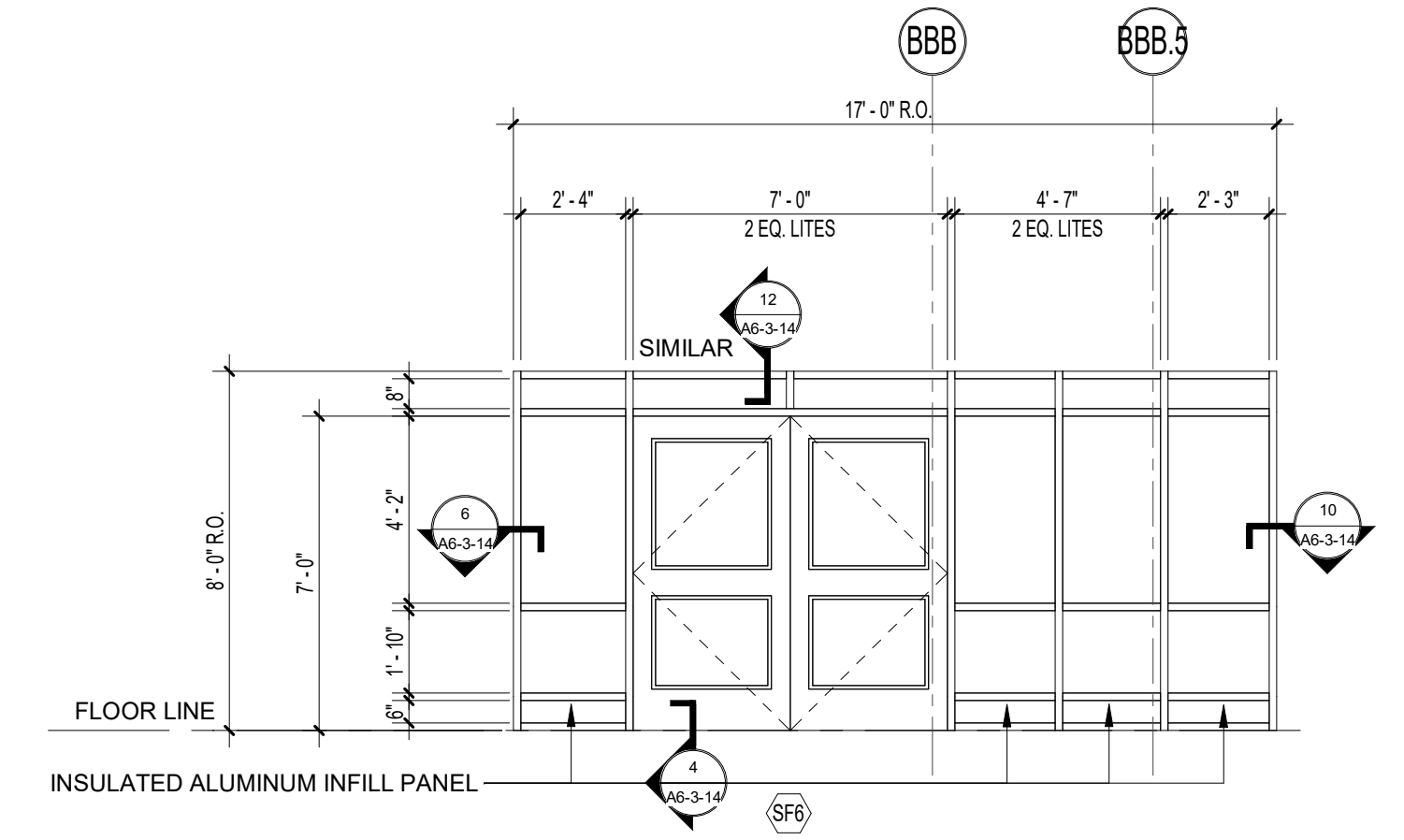
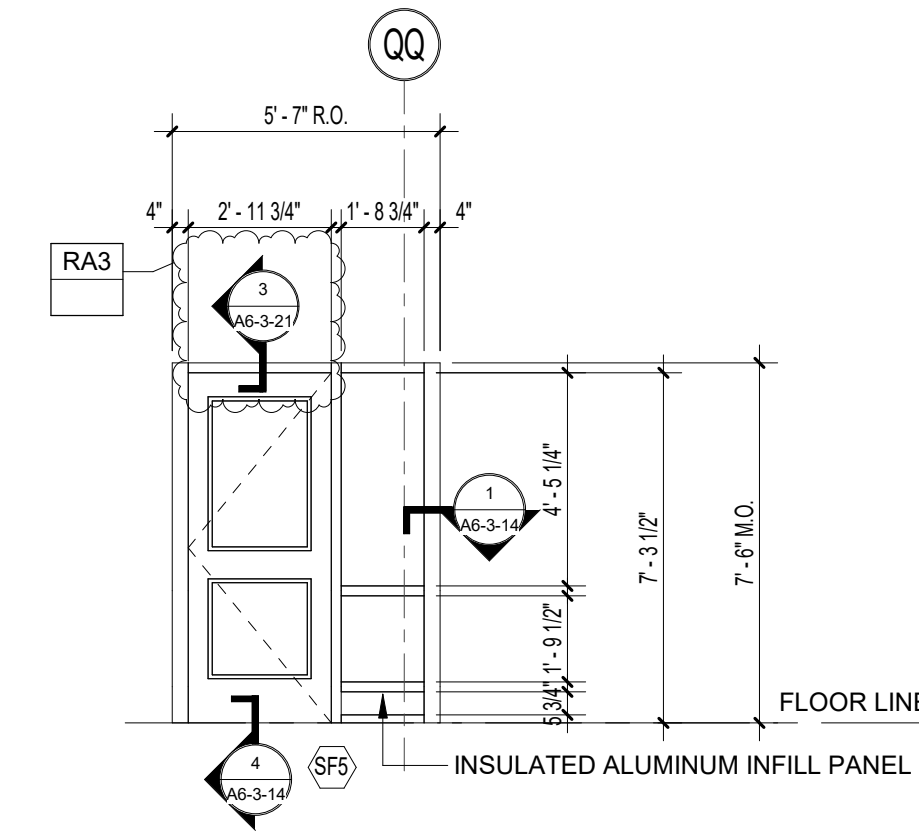
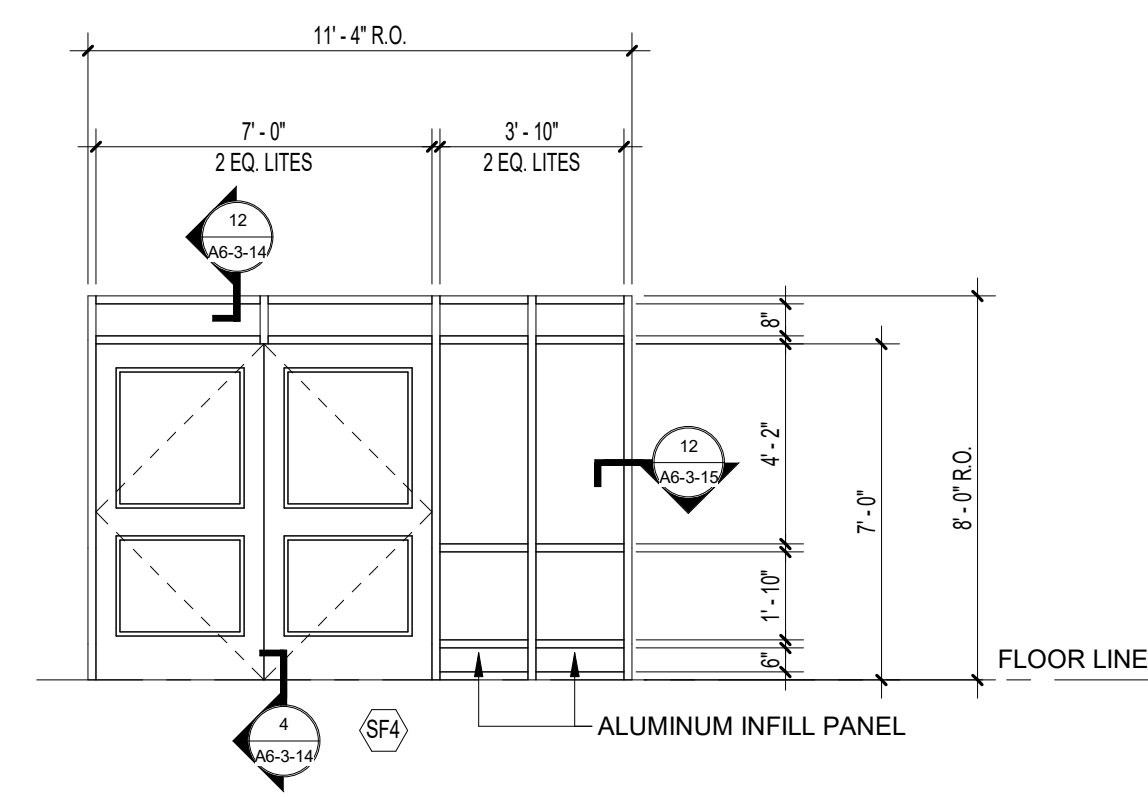
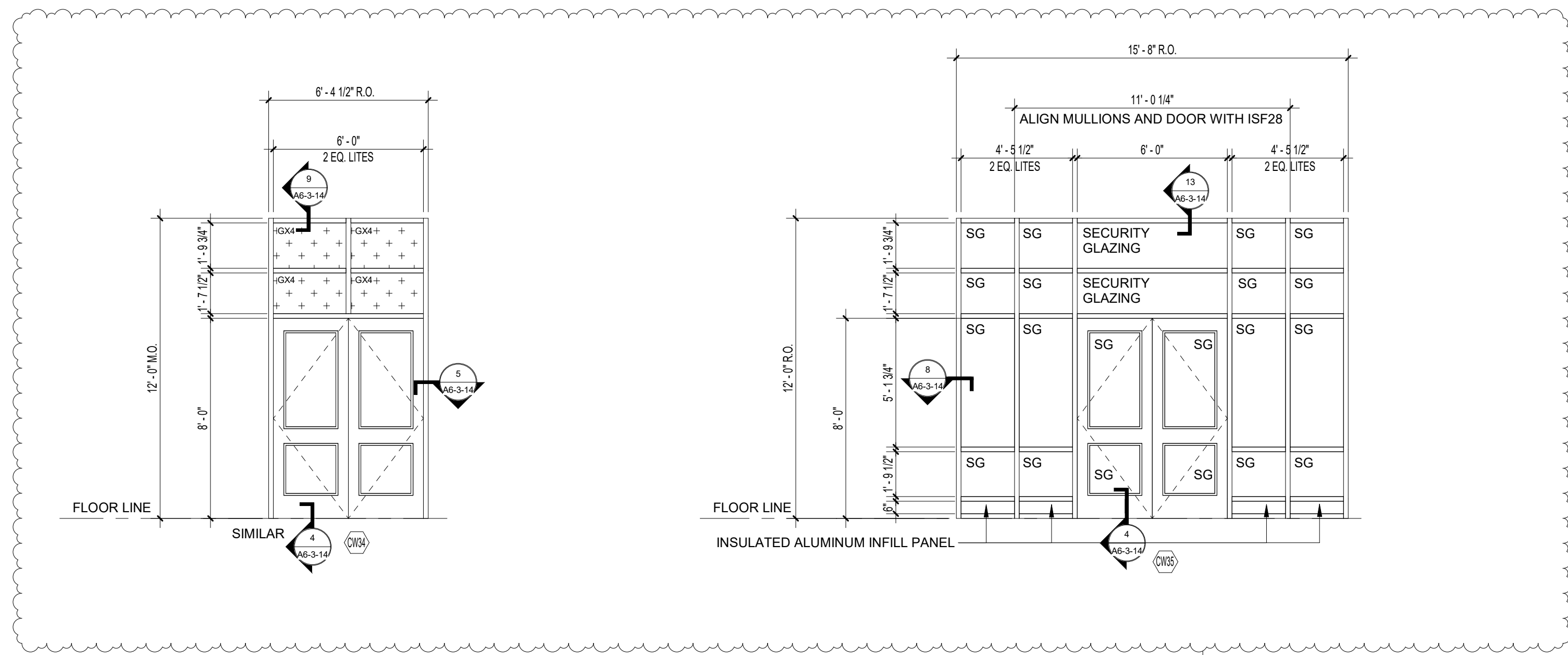
5 MOCKUP WALL PLAN
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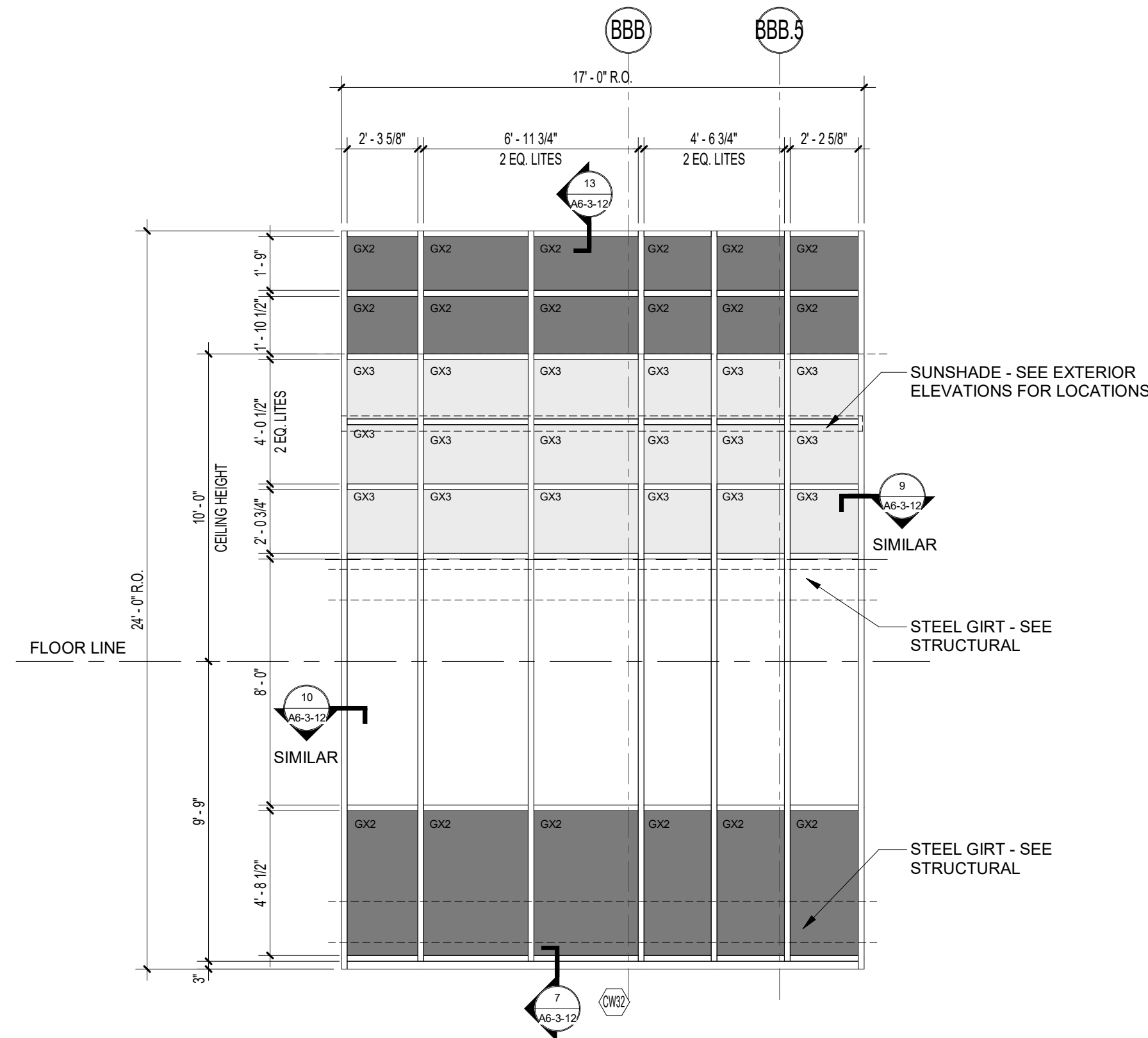
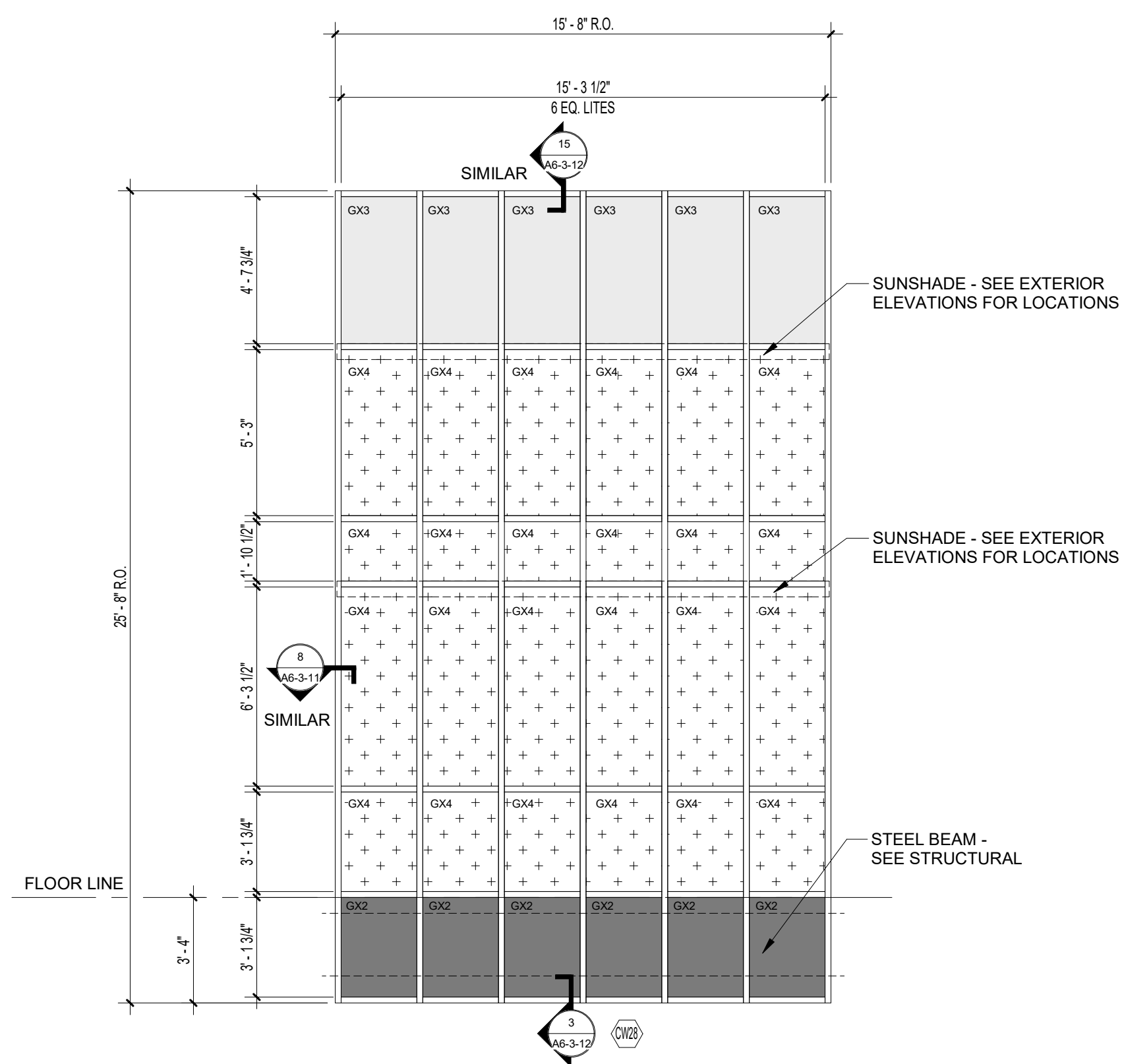
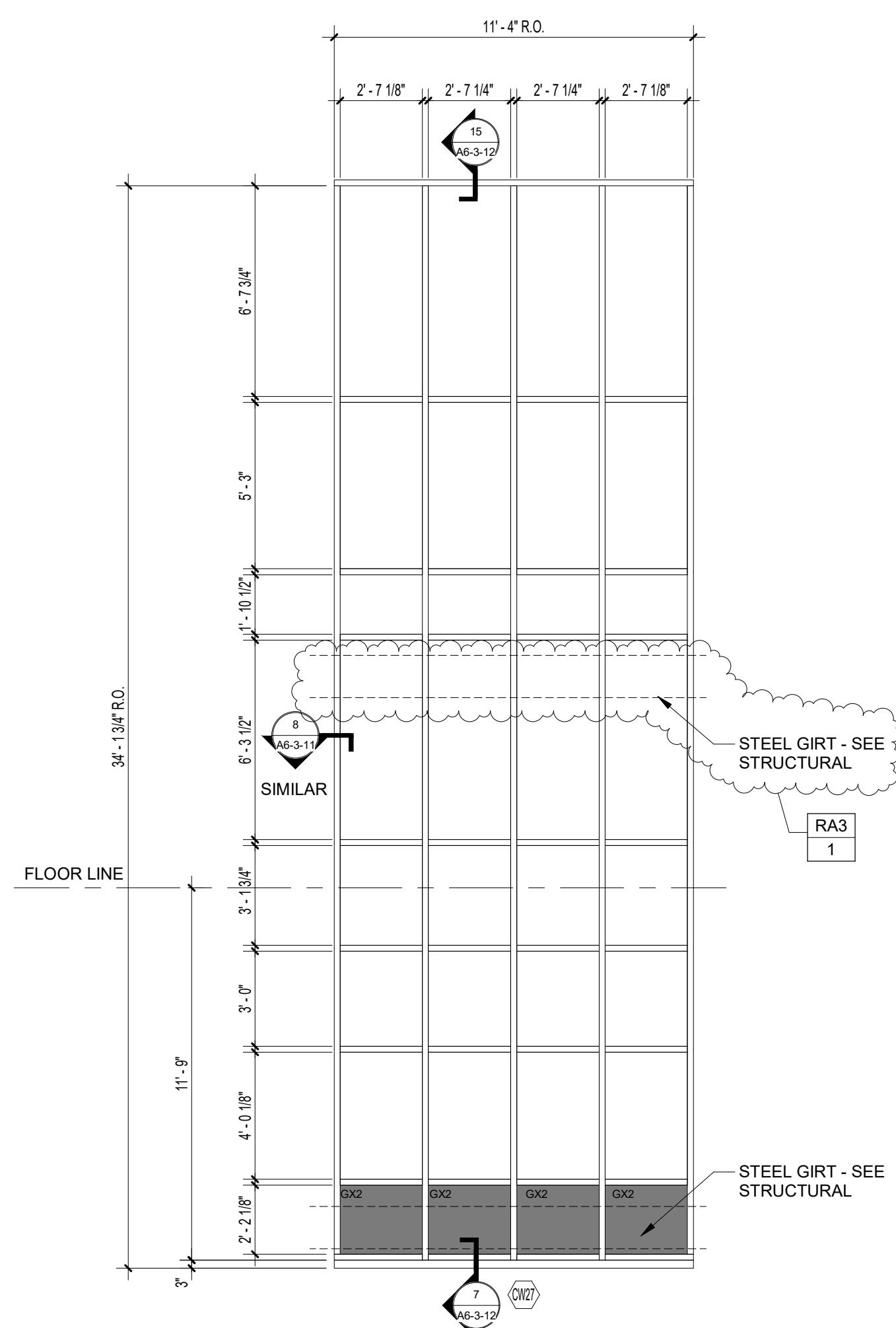
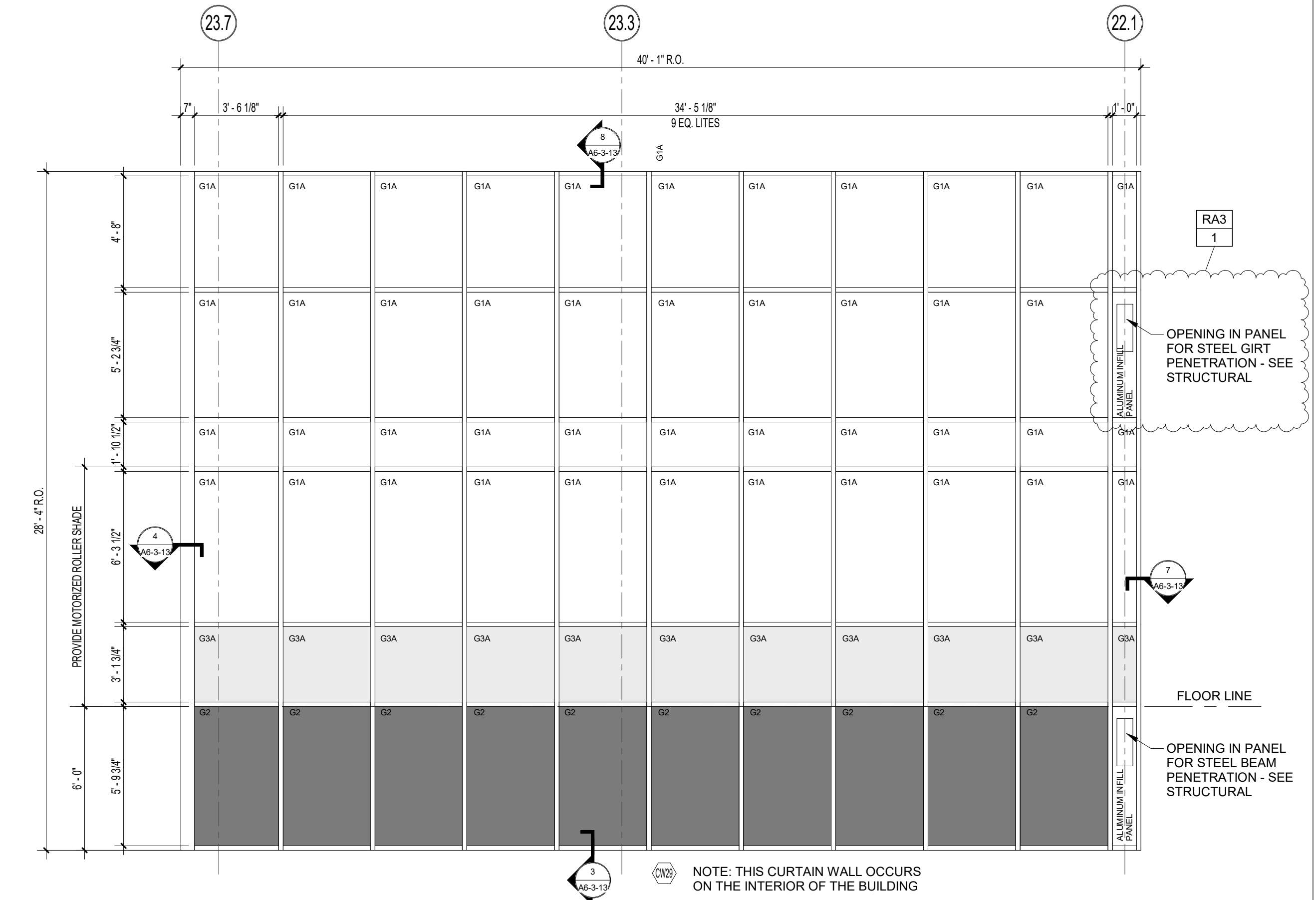
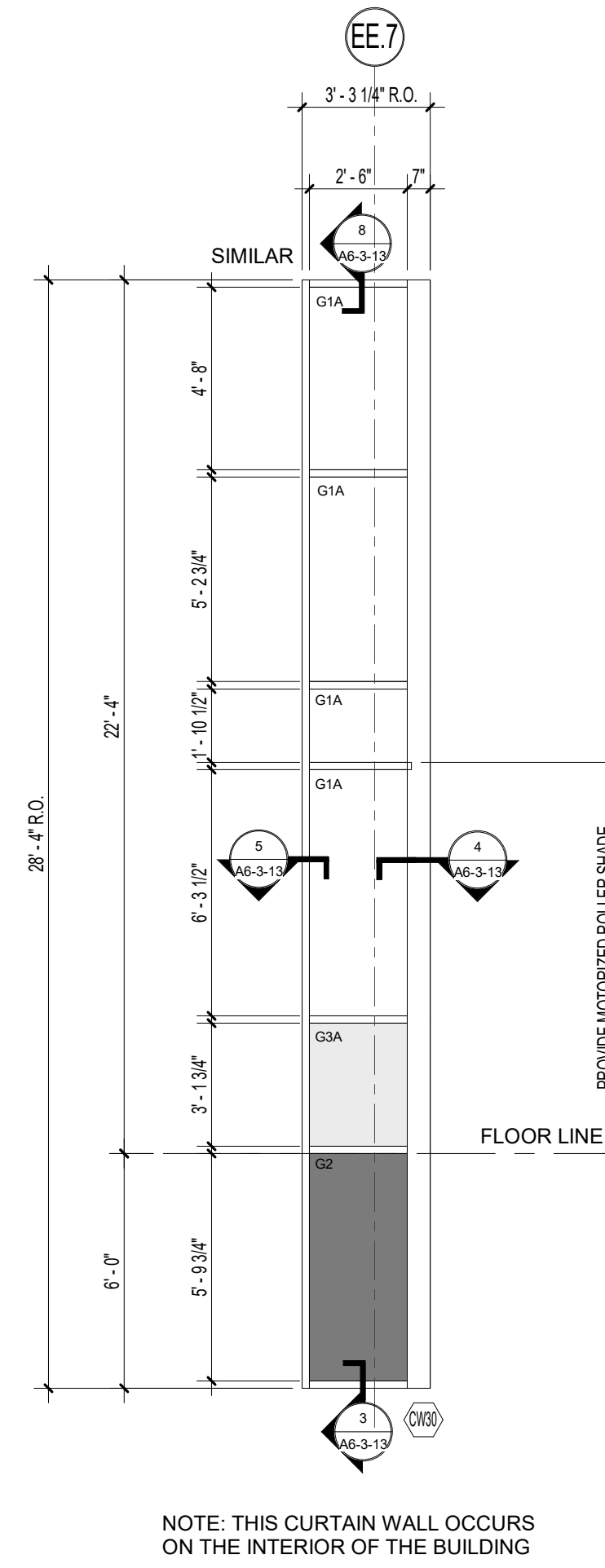
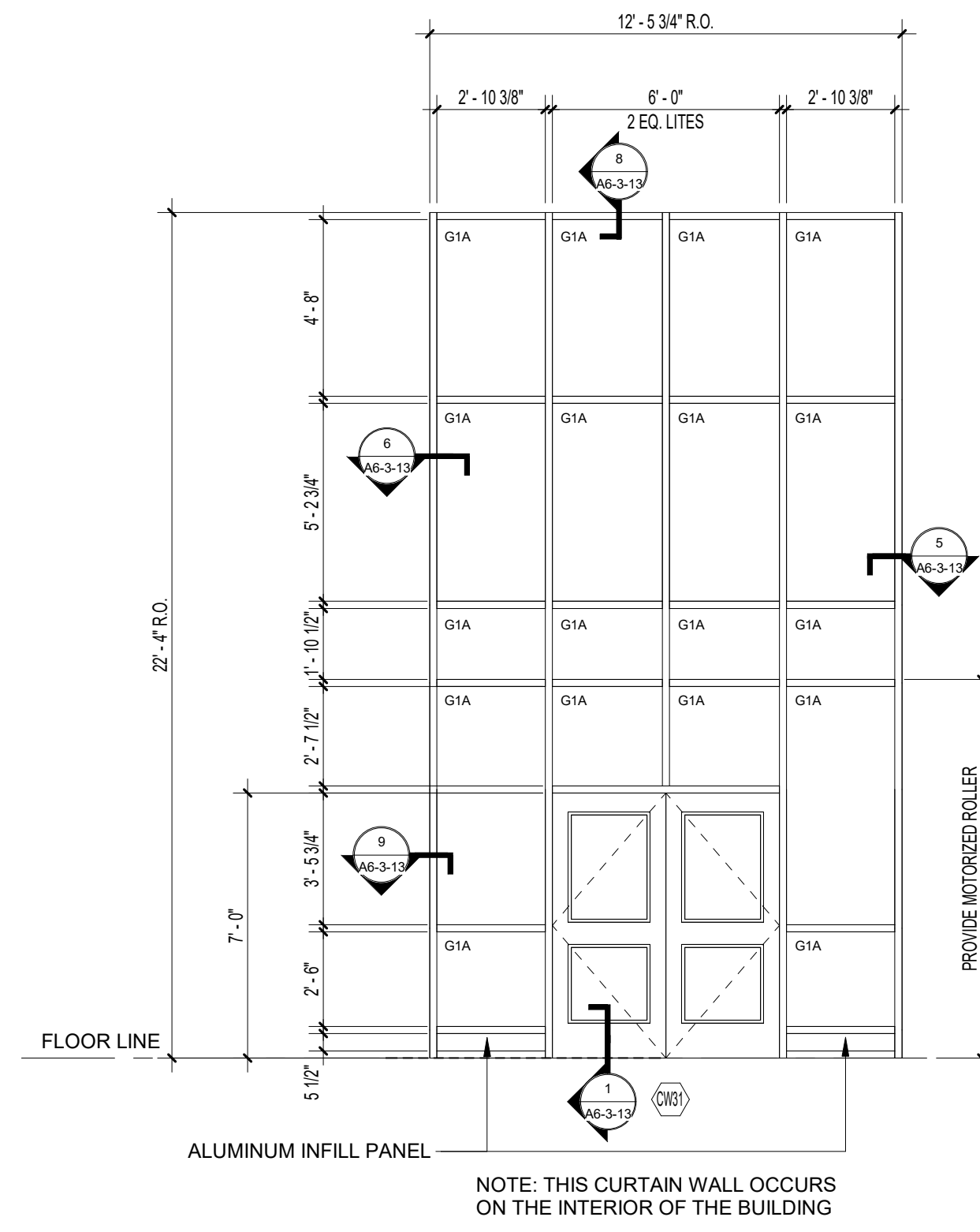
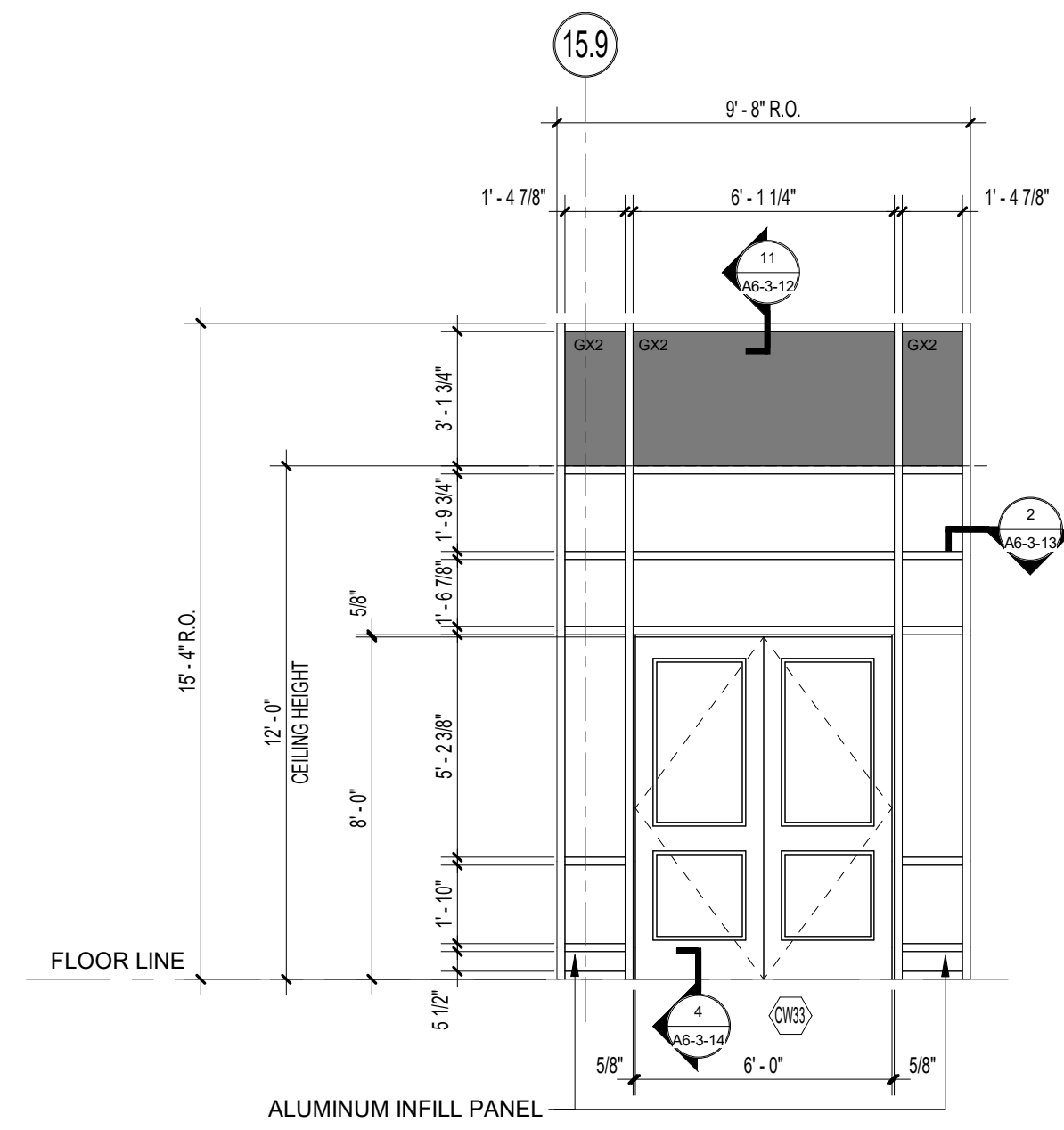
4 MOCKUP WALL ISOMETRIC VIEW



100% CONSTRUCTION DOCUMENTS			STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES													
drawing title BUILDING ELEVATIONS			date 05/24/2019													
drawing prepared by DRA ARCHITECTS 220 Oakland Road, Ste 200 South Windsor, CT 06074			scale As Indicated													
project Renovations & Additions to Platt Technical High School 600 Orange Avenue, Milford, CT 06461			drawing no. A2-1-6													
CAD no.	DCS project no. B4-RF-078 CM-R	OSCGR project no. 900-0013														
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REVISIONS																
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RA3	08/02/2019 Addition No. 3															
mark	date	description														



2 STOREFRONT TYPES
1/4" = 1'-0"



1 CURTAIN WALL TYPES
1/4" = 1'-0"

- GENERAL NOTES**
1. INTERIOR SYSTEMS: UNLESS NOTED OTHERWISE GLAZING SHALL BE TYPE G1.
 2. EXTERIOR SYSTEMS: UNLESS NOTED OTHERWISE GLAZING SHALL BE TYPE GX1.
 3. AT ALL EXTERIOR CURTAIN WALLS AND STOREFRONTS PROVIDE MINIMUM 2" RIGID INSULATION BEHIND ALL SPANDREL GLASS AND OTHER OPAQUE GLAZING. INSULATION IS NOT SHOWN IN SOME CASES FOR CLARITY.
 4. PROVIDE SAFETY GLAZING AT ALL LOCATIONS IDENTIFIED AS HAZARDOUS LOCATIONS PER THE STATE OF CT BUILDING CODE.
 5. PROVIDE INSECT SCREENS AT ALL OPERABLE SASH LOCATIONS.

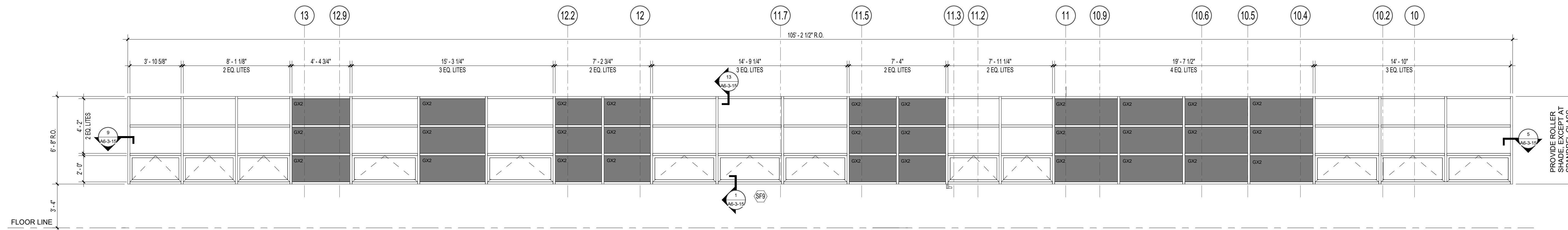
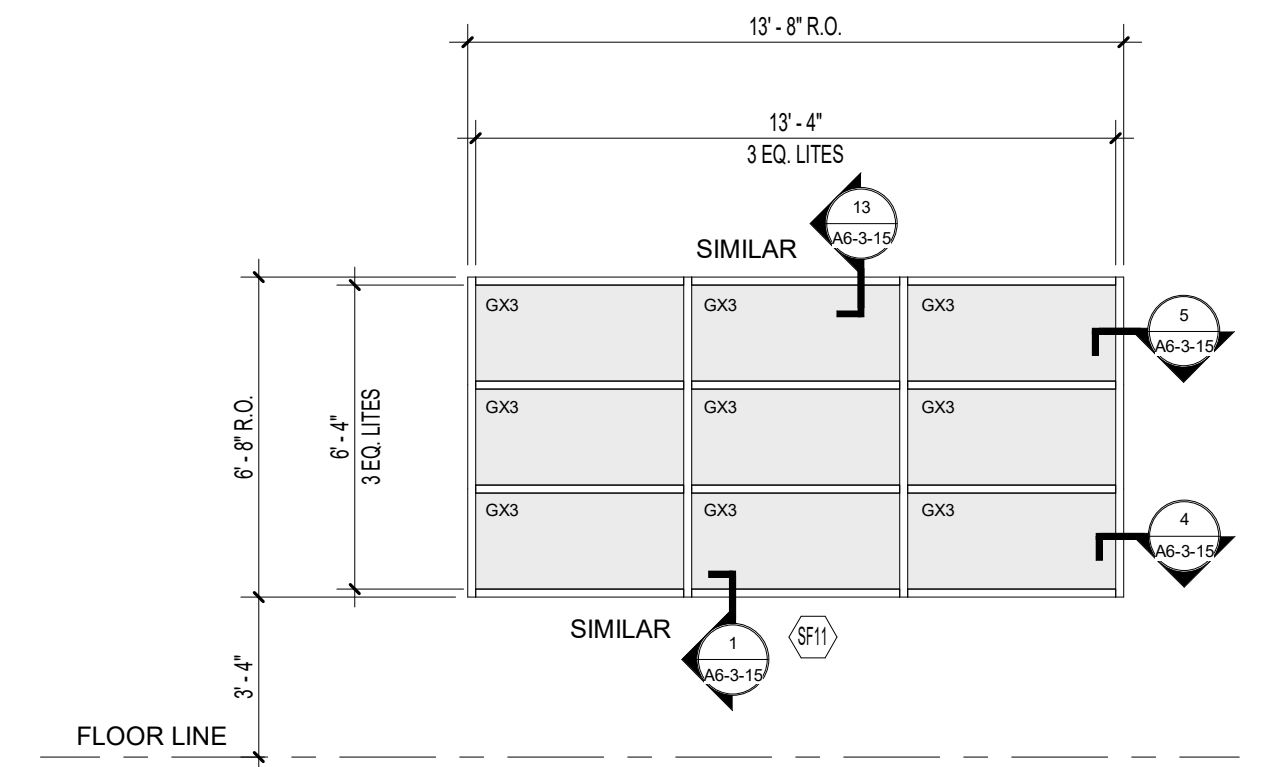
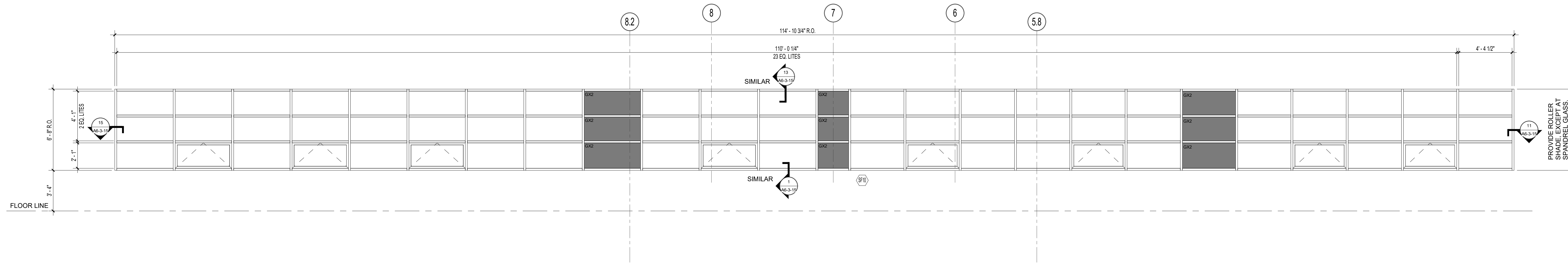
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CURTAIN WALL AND STOREFRONT TYPES

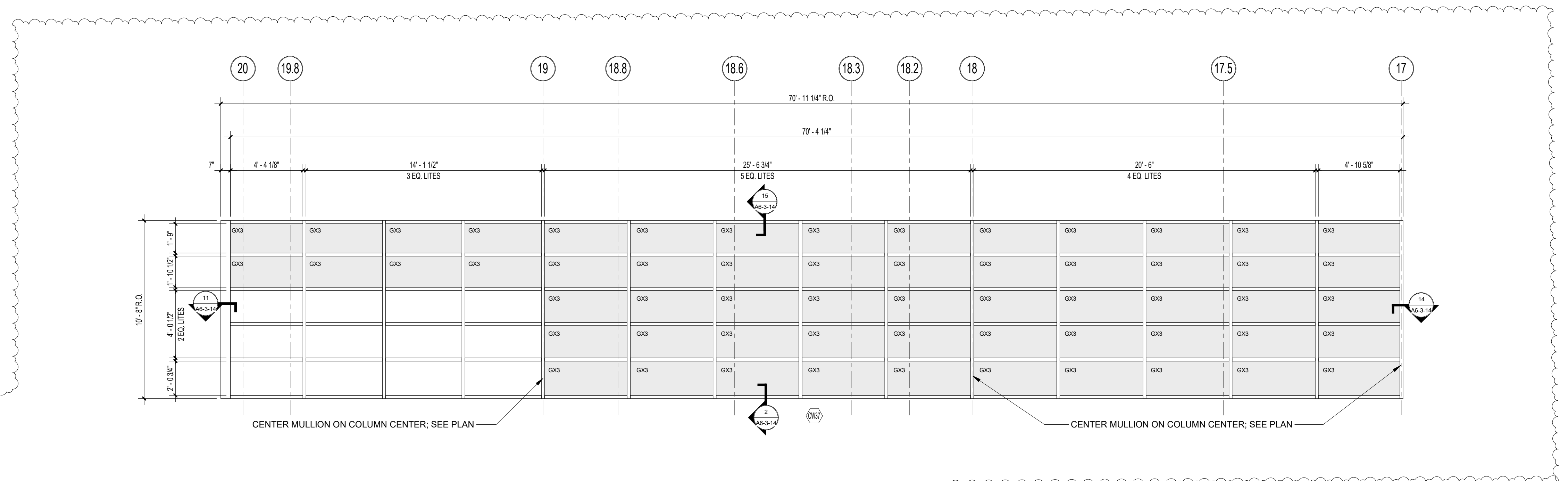
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RA3	08/02/2019 Addendum No. 3

STATE OF CONNECTICUT
DEPARTMENT OF ADMINISTRATIVE SERVICES

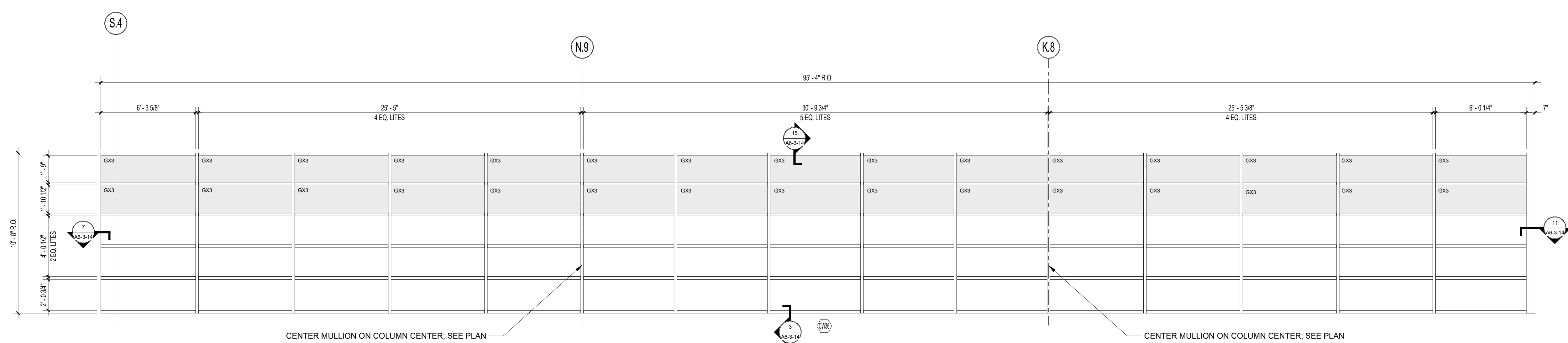
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project Renovations & Additions to Platt Technical High School 600 Orange Avenue, Milford, CT 06461	scale As Indicated
CAD no. DCS project no. B1-RF-076 CM-R	approved by [Signature]
OSCR project no. 900-0013	drawing no. A6-3-4



2 STOREFRONT TYPES
1/4" = 1'-0"



RA3
2



1 CURTAIN WALL TYPES
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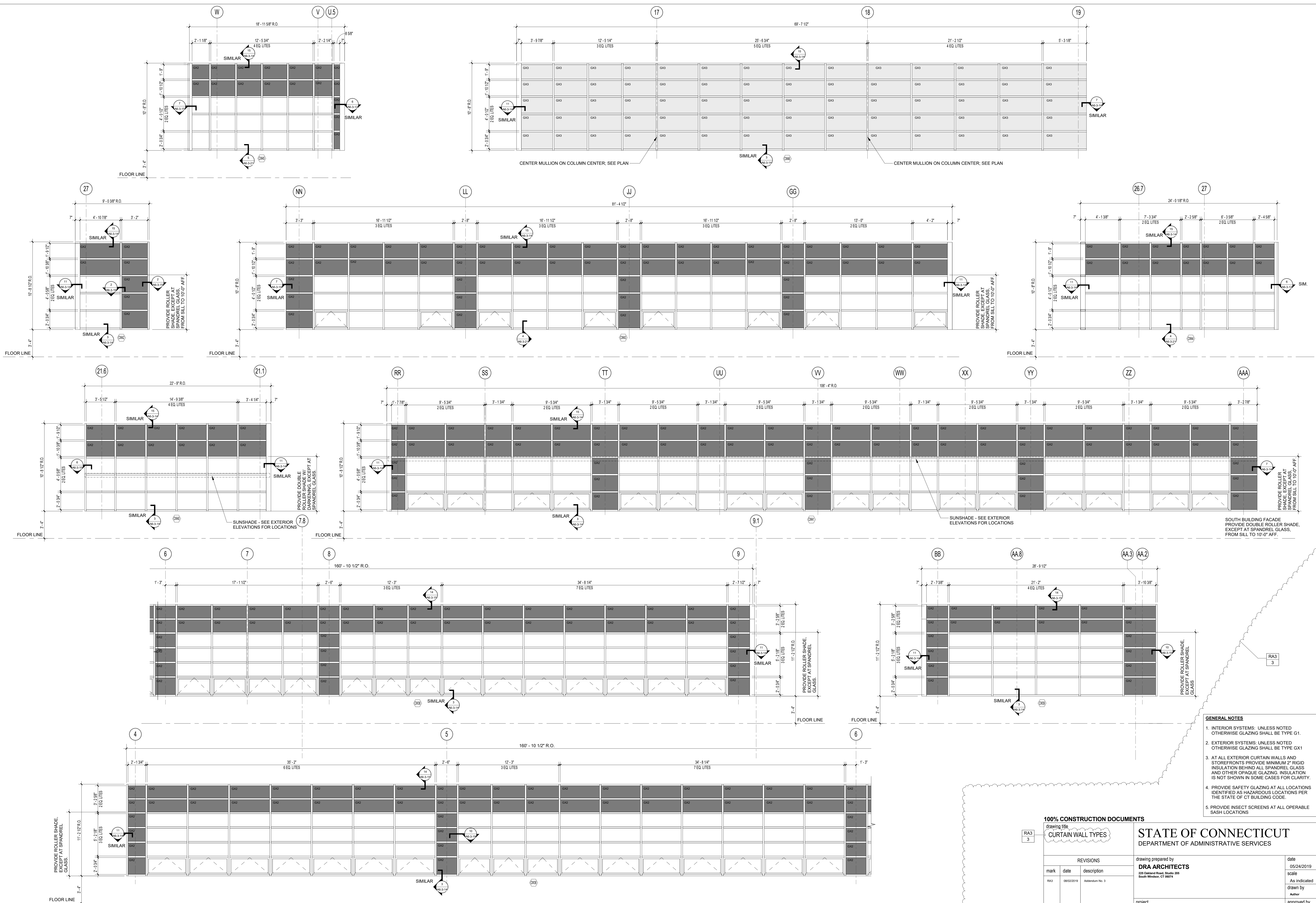
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drawing title
CURTAIN WALL AND STOREFRONT TYPES

REVISIONS		
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RA3	08/02/2019	Addendum No. 3

STATE OF CONNECTICUT
DEPARTMENT OF ADMINISTRATIVE SERVICES

drawing prepared by DRA ARCHITECTS 220 Colburn Road, Storke 069 South Windsor, CT 06074	date 05/24/2019
project Renovations & Additions to Platt Technical High School 600 Orange Avenue, Milford, CT 06461	scale As Indicated
CAD no. DCS project no. BIRT-076 CM-R	approved by Approver drawing no. A6-3-5



1 STOREFRONT TYPES
1/4" = 1'-0"

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100% CONSTRUCTION DOCUMENTS
drawing title
CURTAIN WALL TYPES

REVISIONS	
mark	description
RA3	08/02/2019 Addition No. 3

STATE OF CONNECTICUT
DEPARTMENT OF ADMINISTRATIVE SERVICES

drawing prepared by
DRA ARCHITECTS
230 Colwell Road, Suite 200
South Windsor, CT 06074

date
05/24/2019

scale
As Indicated

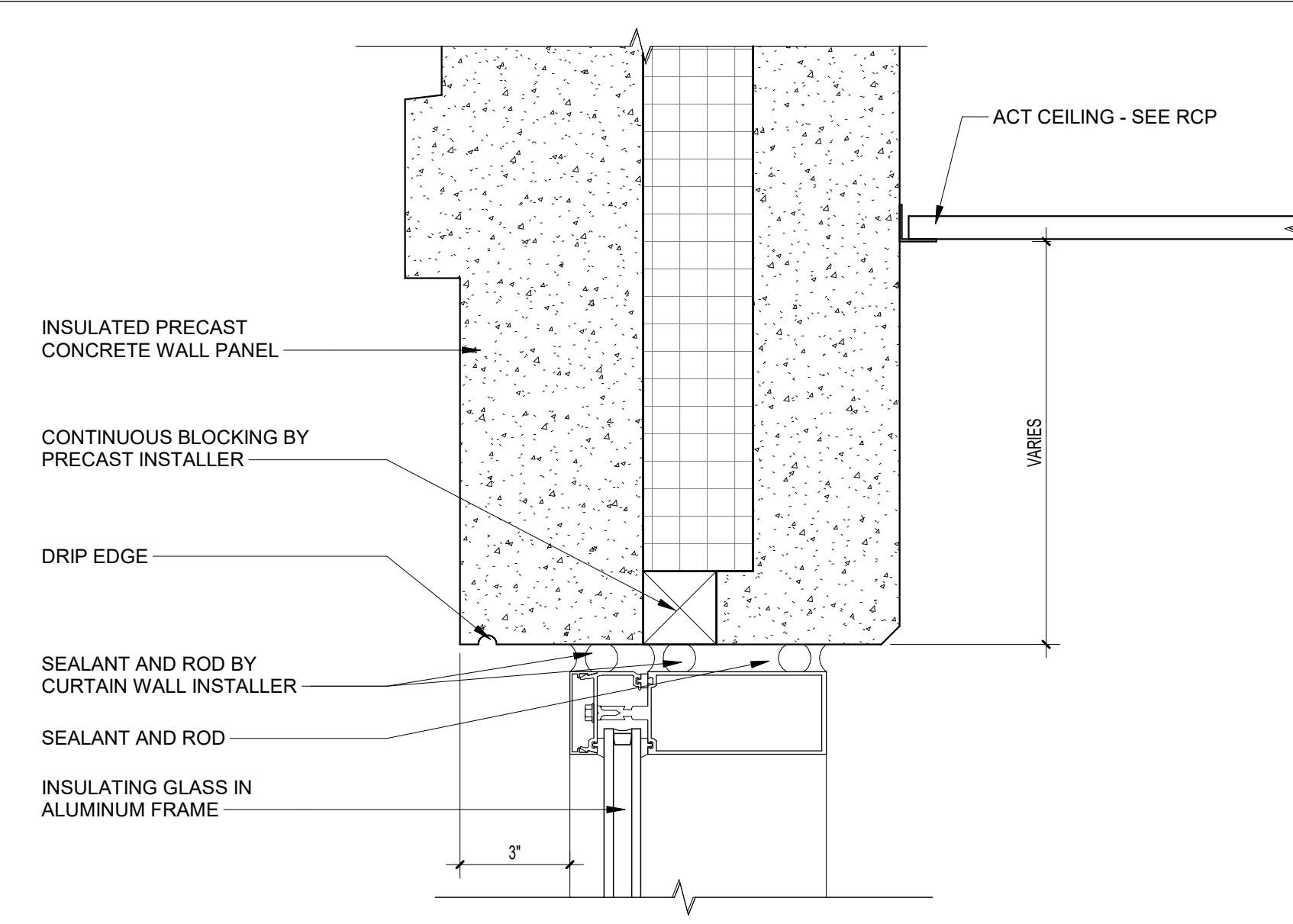
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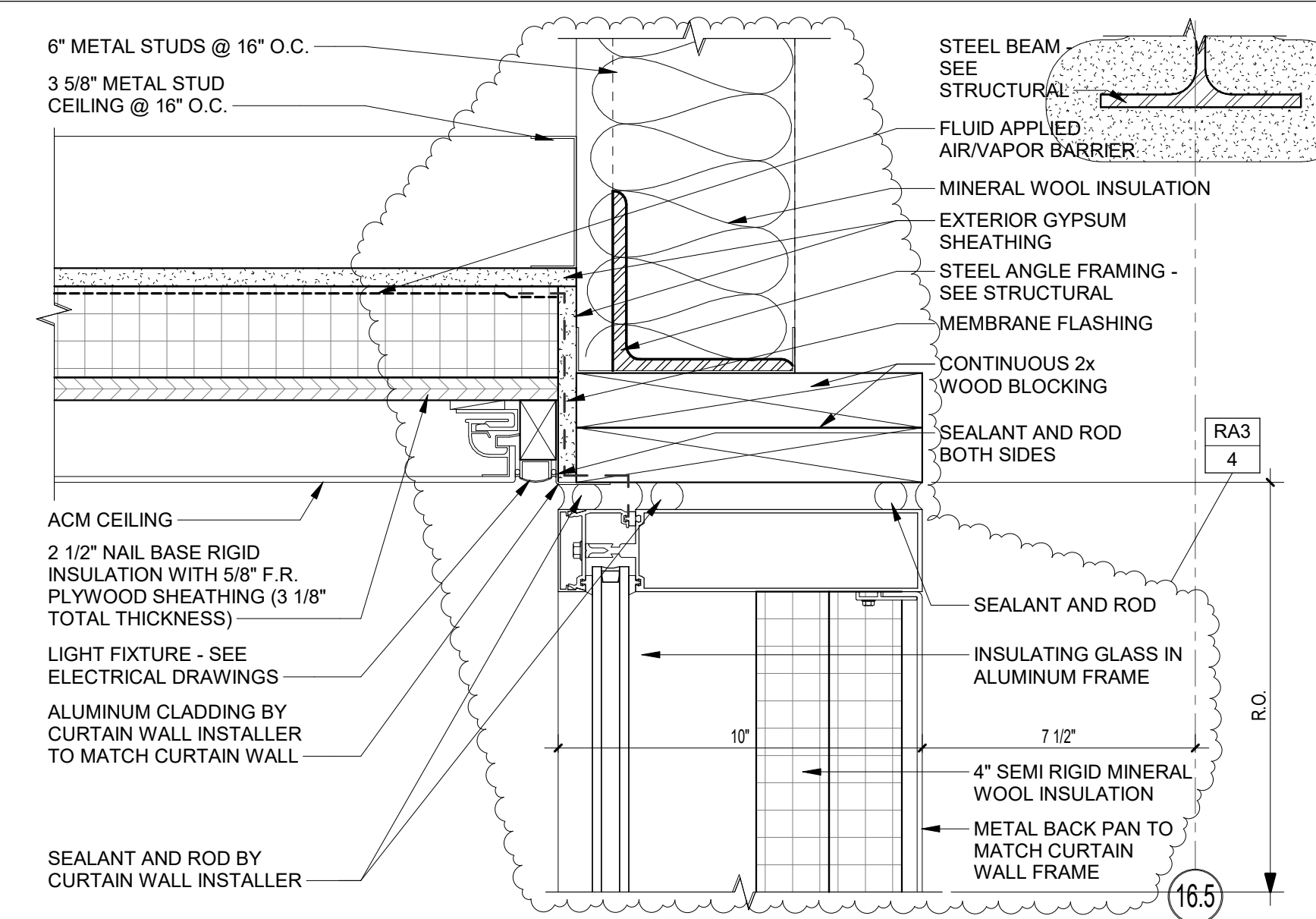
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A6-3-6

project
Renovations & Additions to Platt Technical High School
600 Orange Avenue, Milford, CT 06461

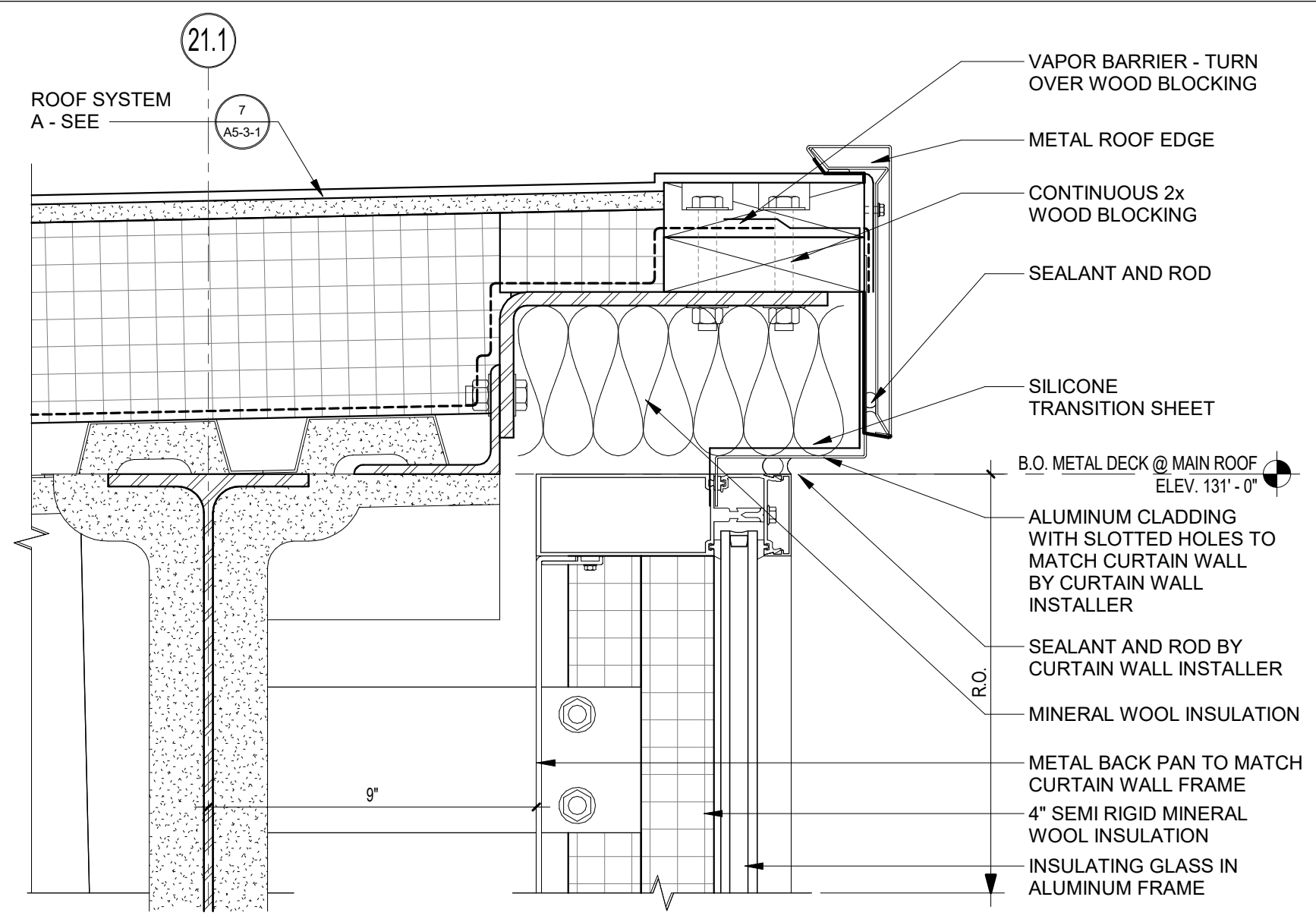
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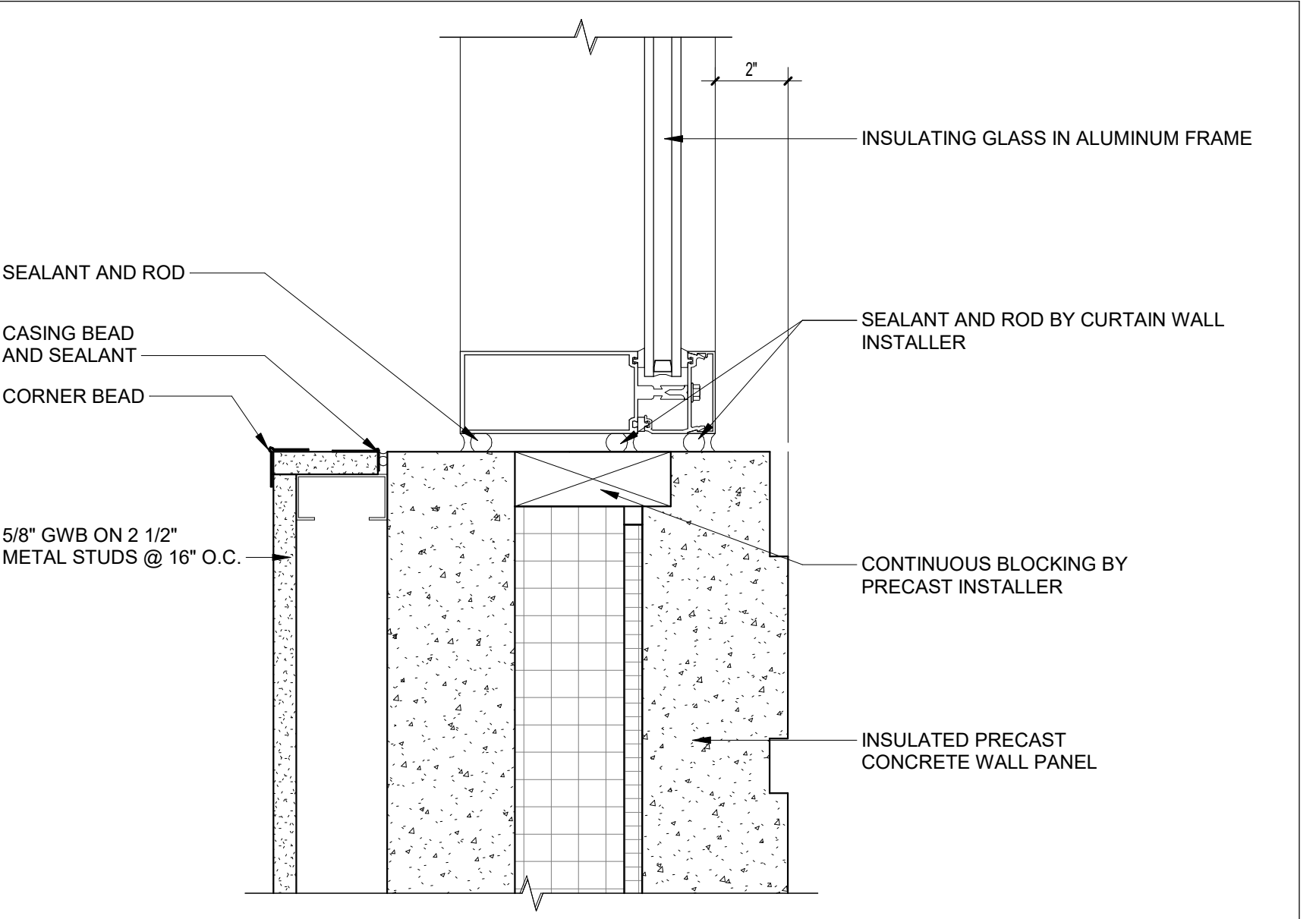
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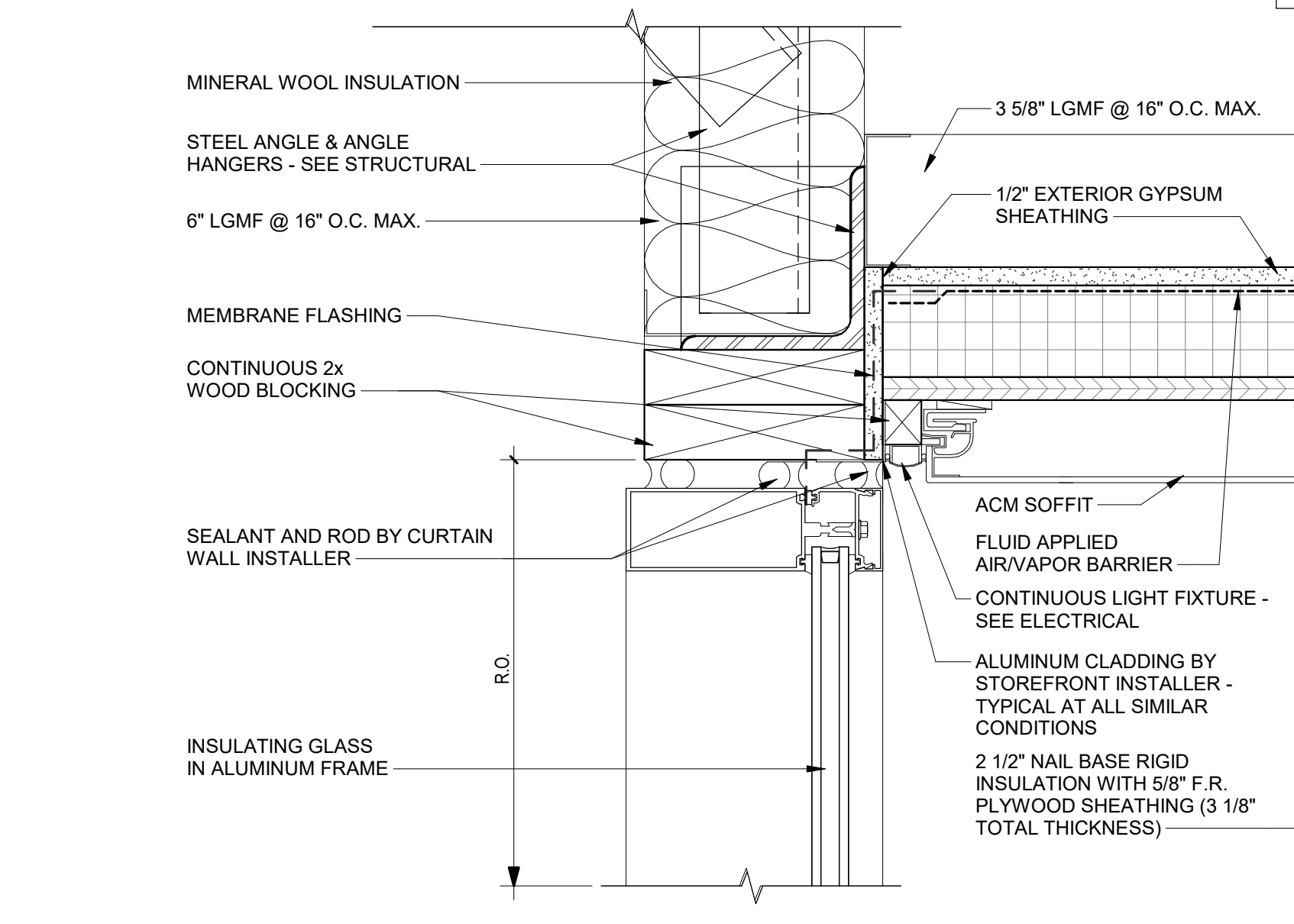
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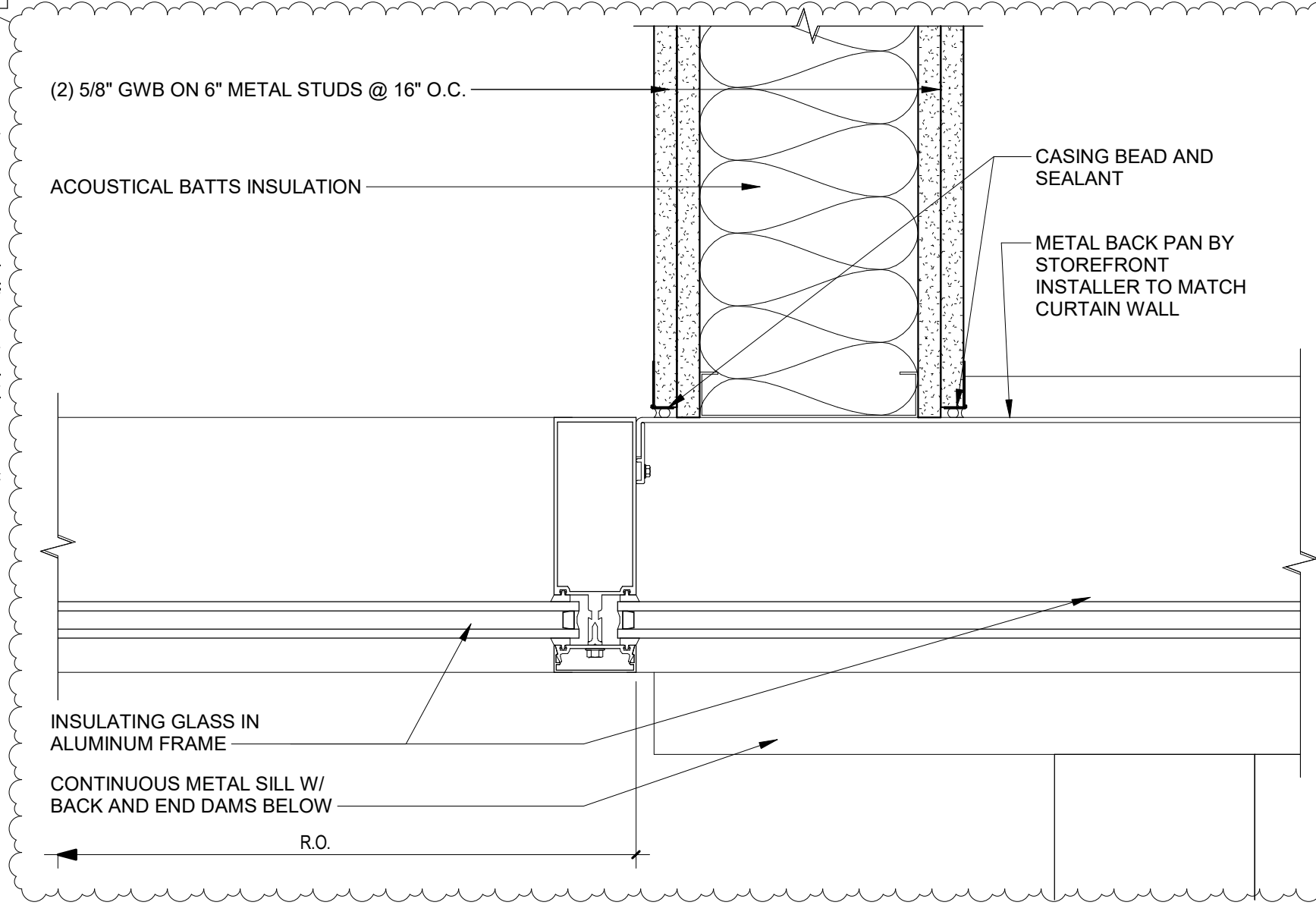
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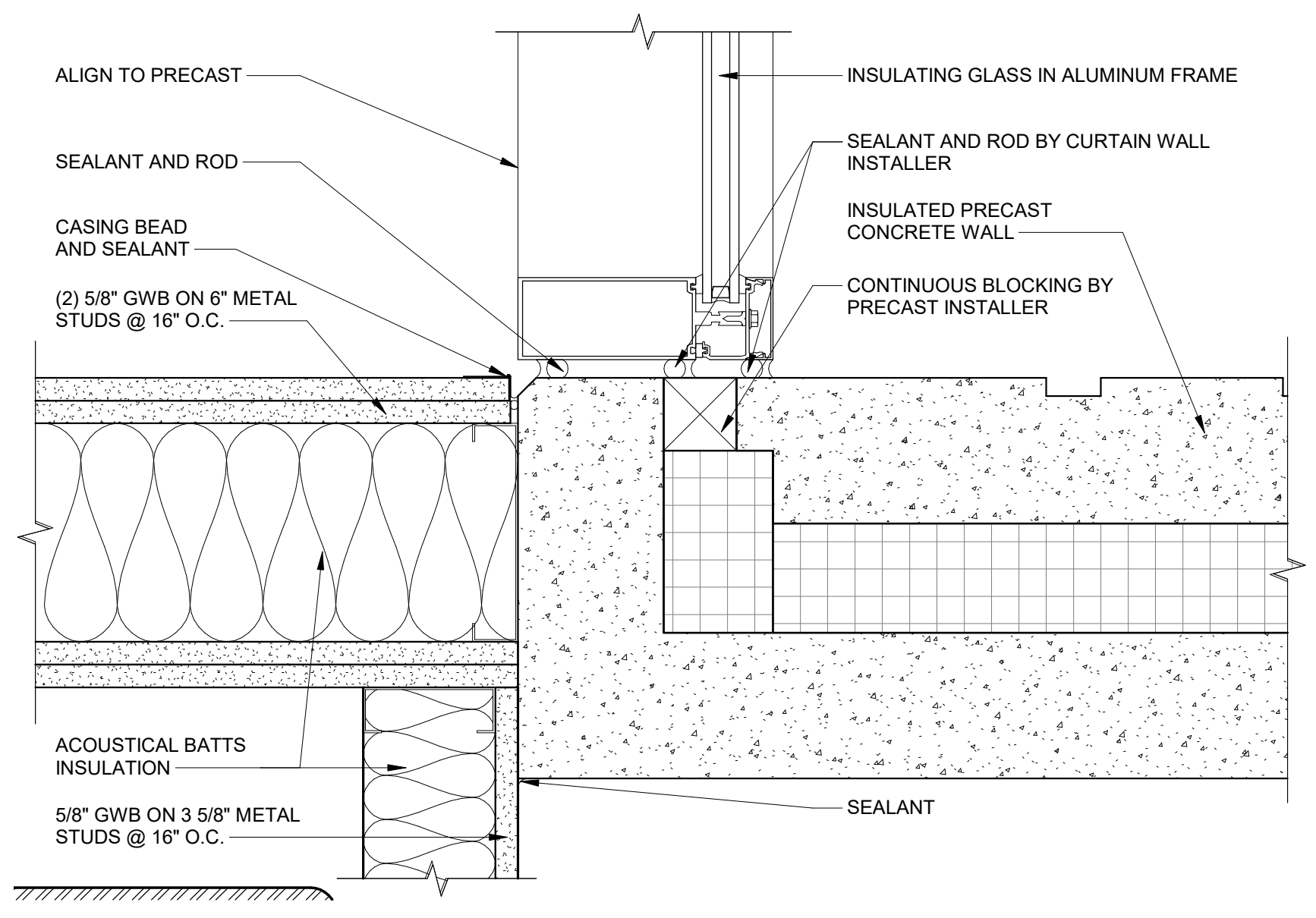
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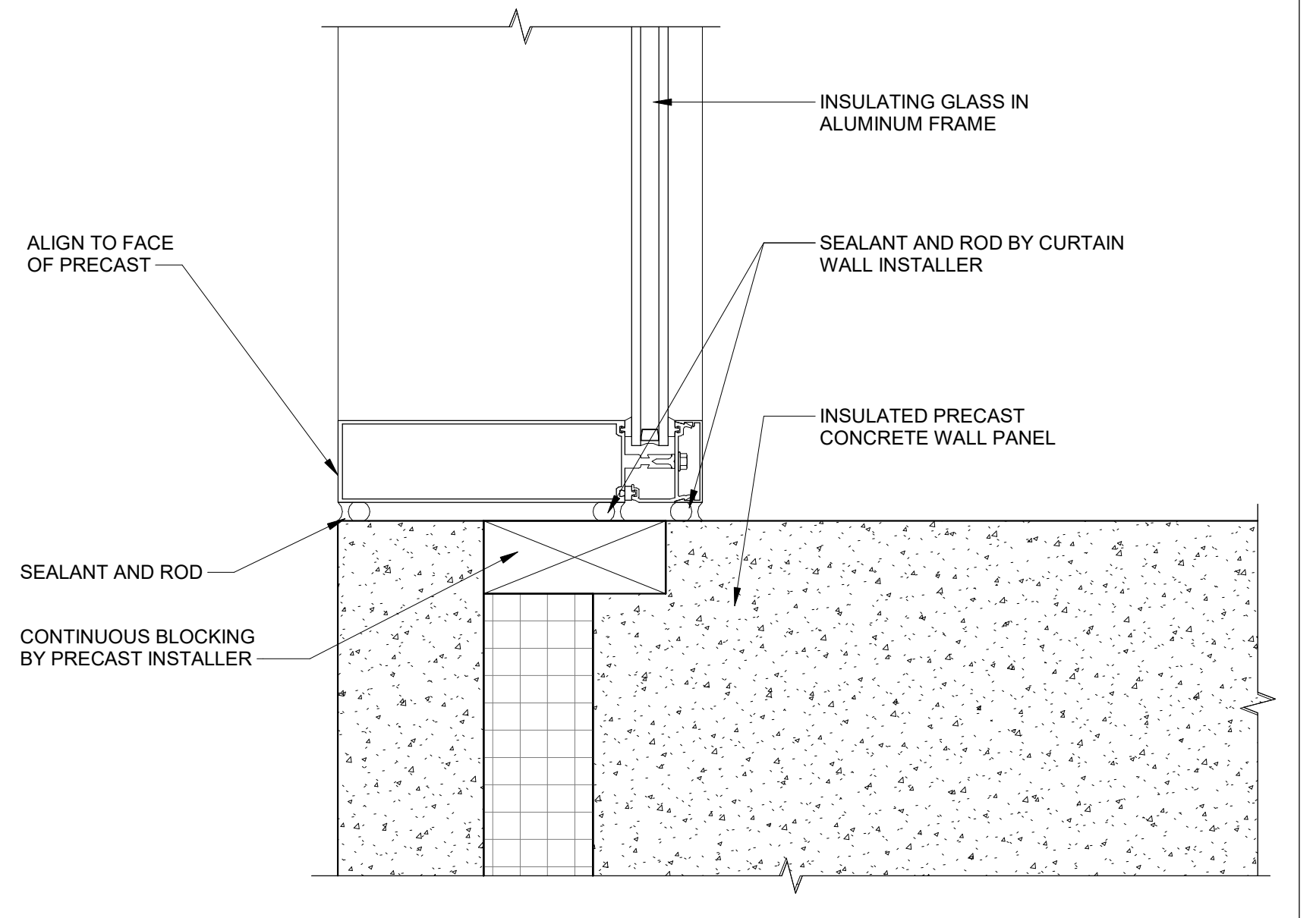
11 CURTAIN WALL HEAD DETAIL
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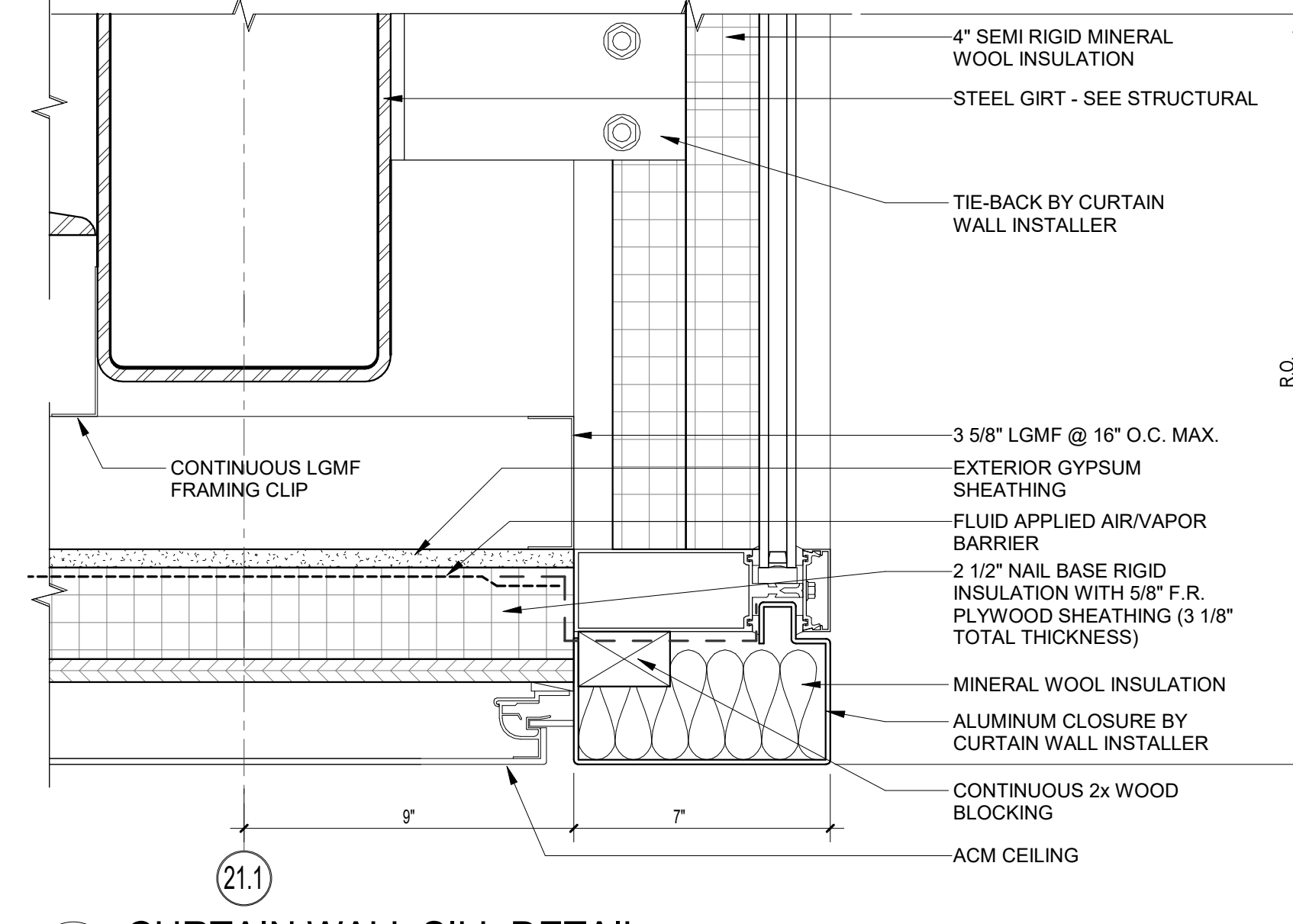
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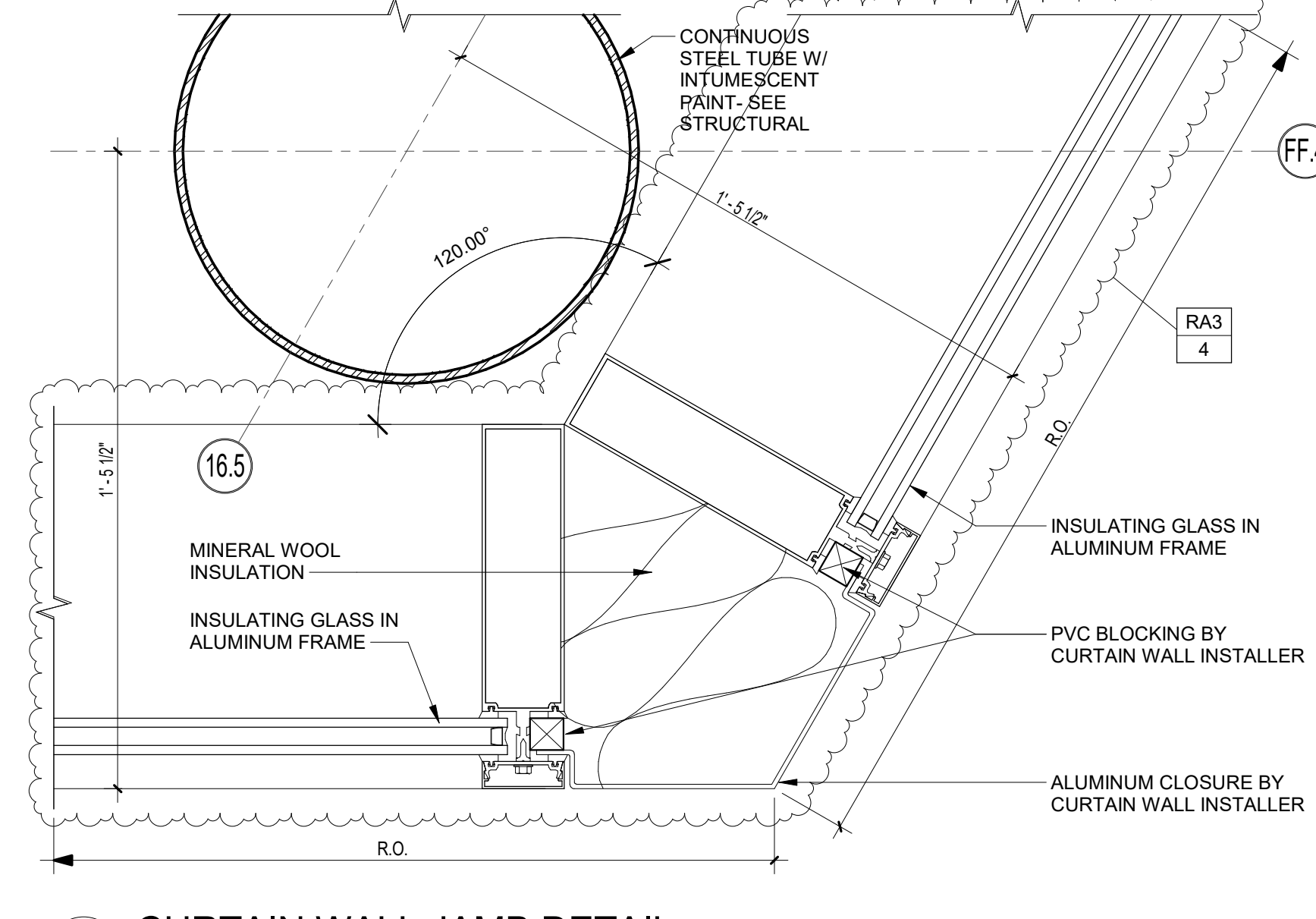
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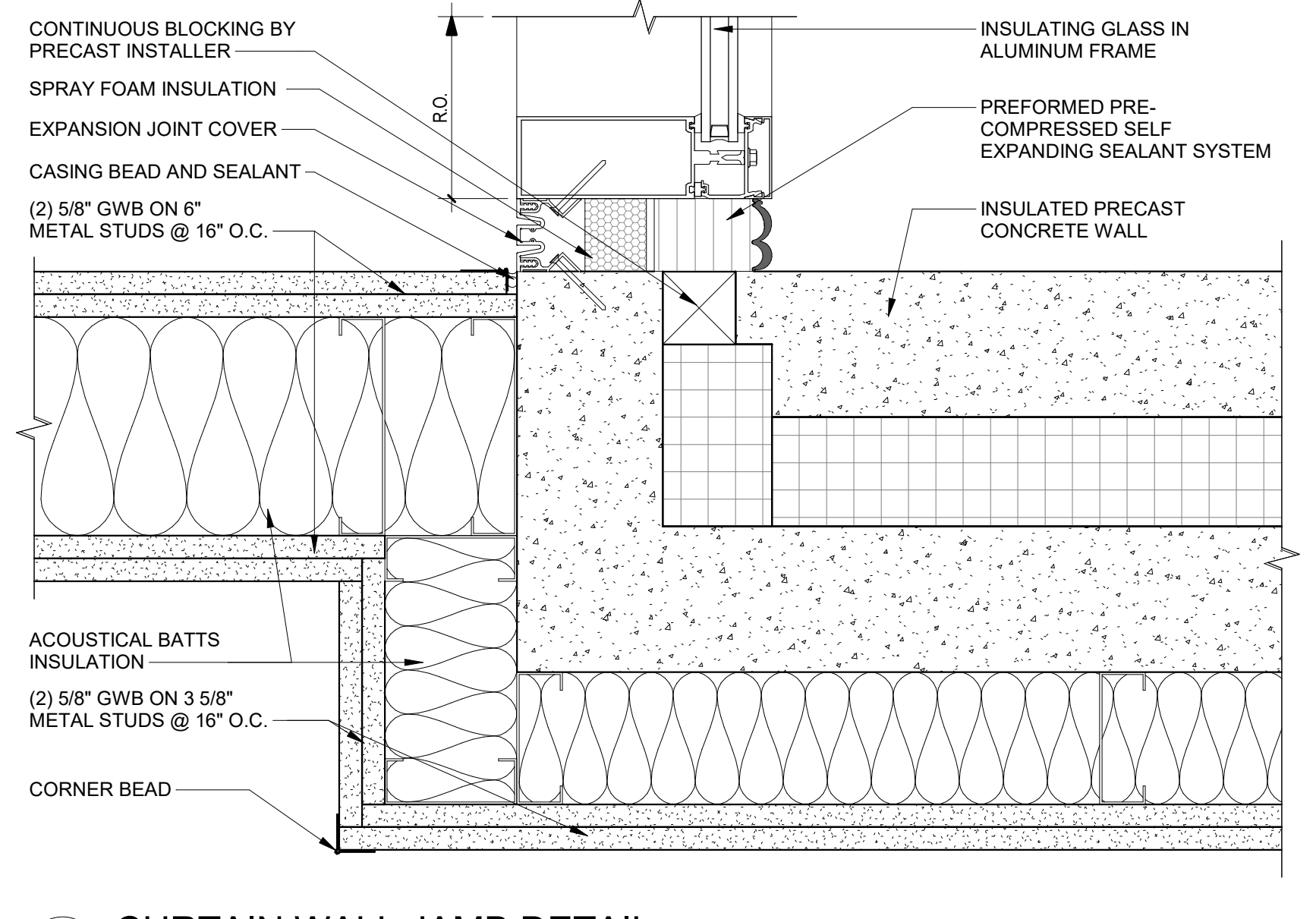
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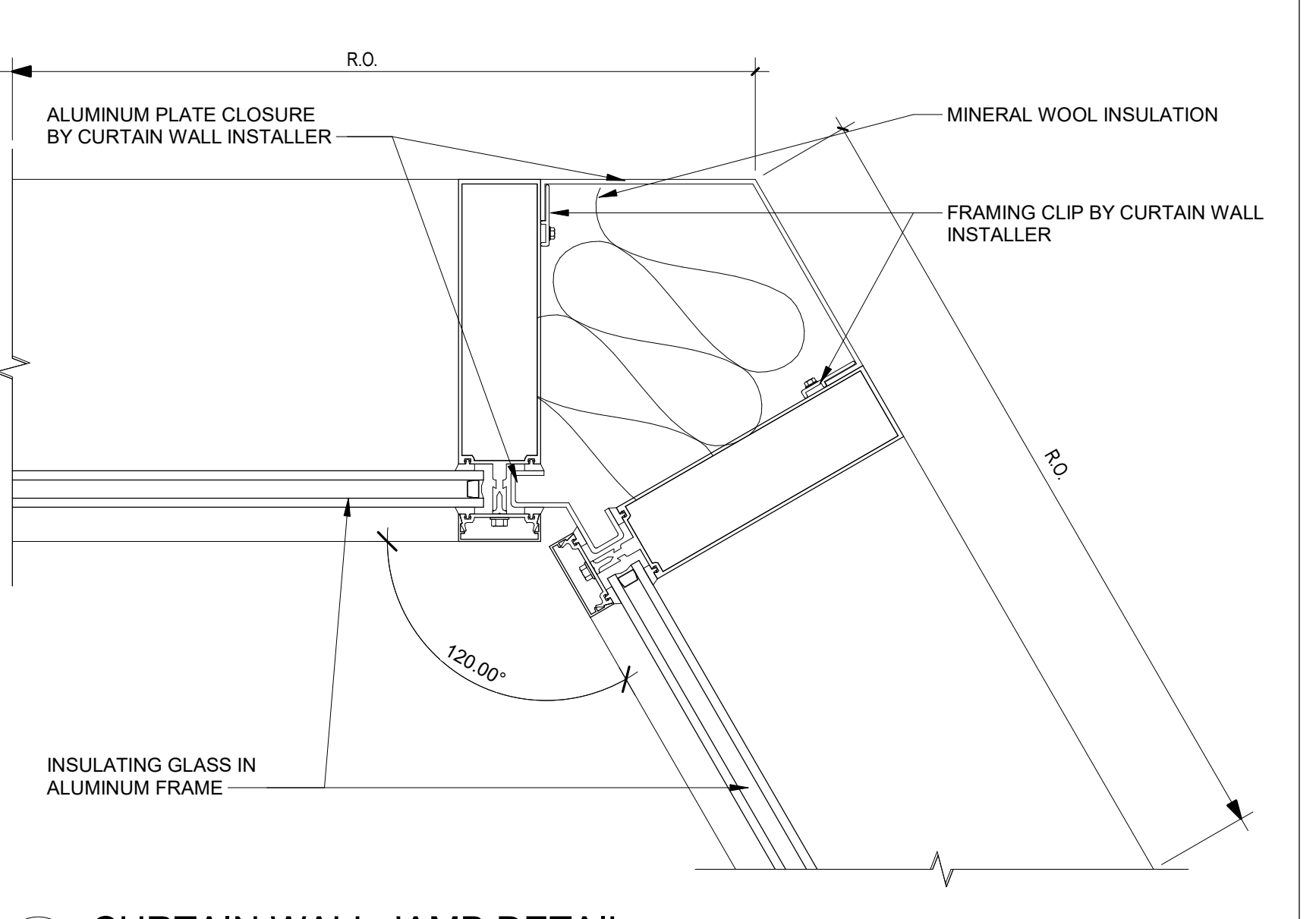
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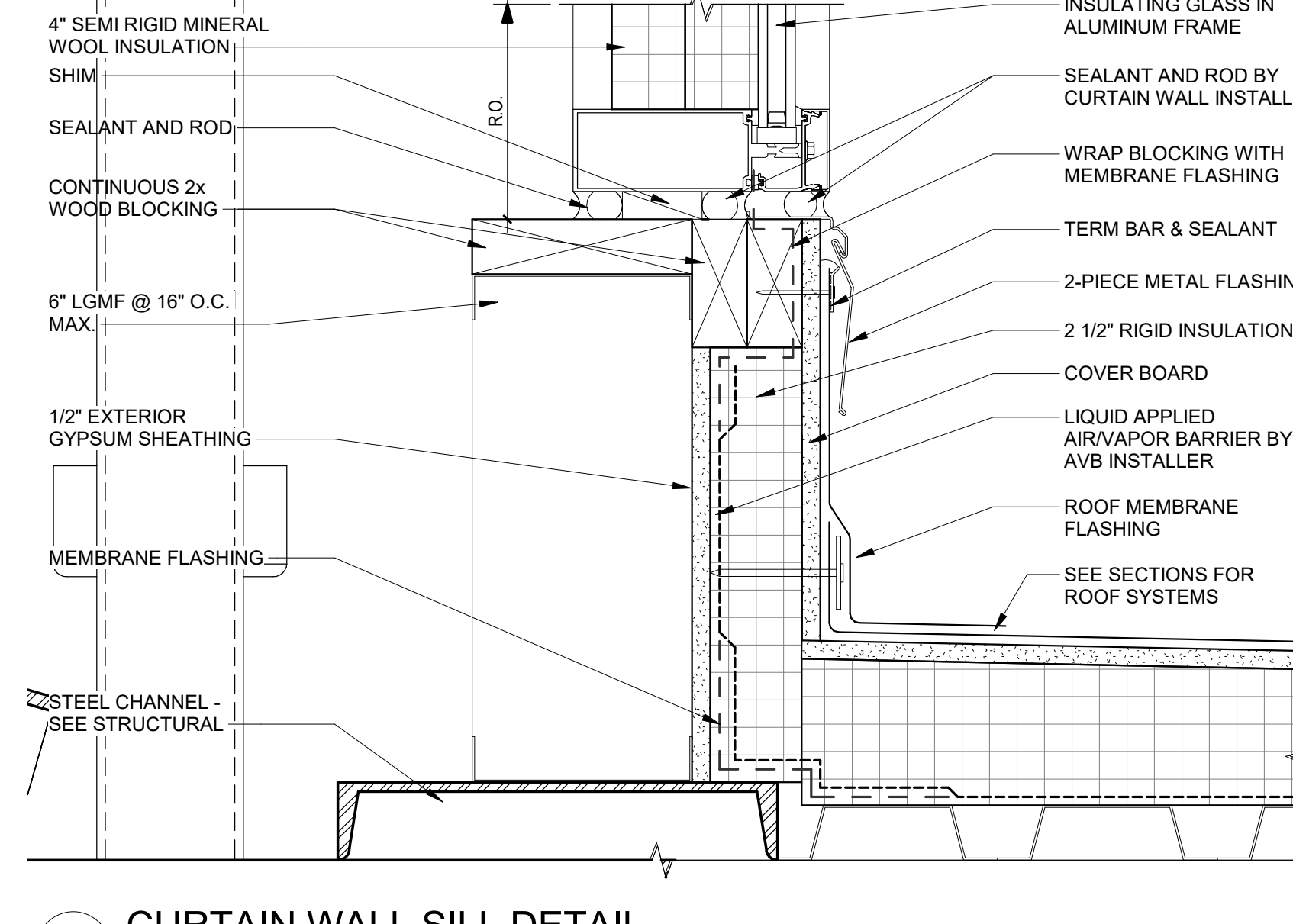
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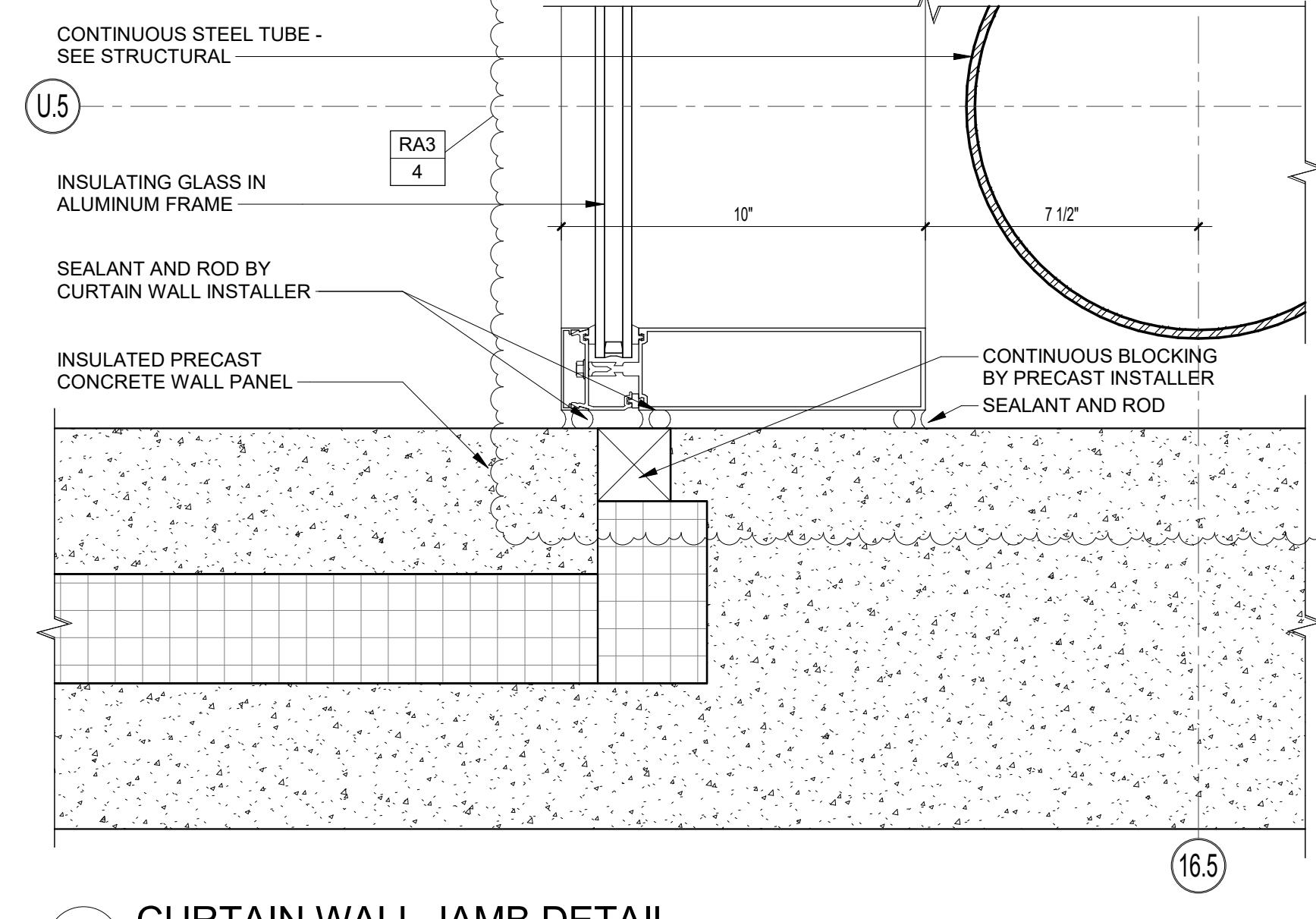
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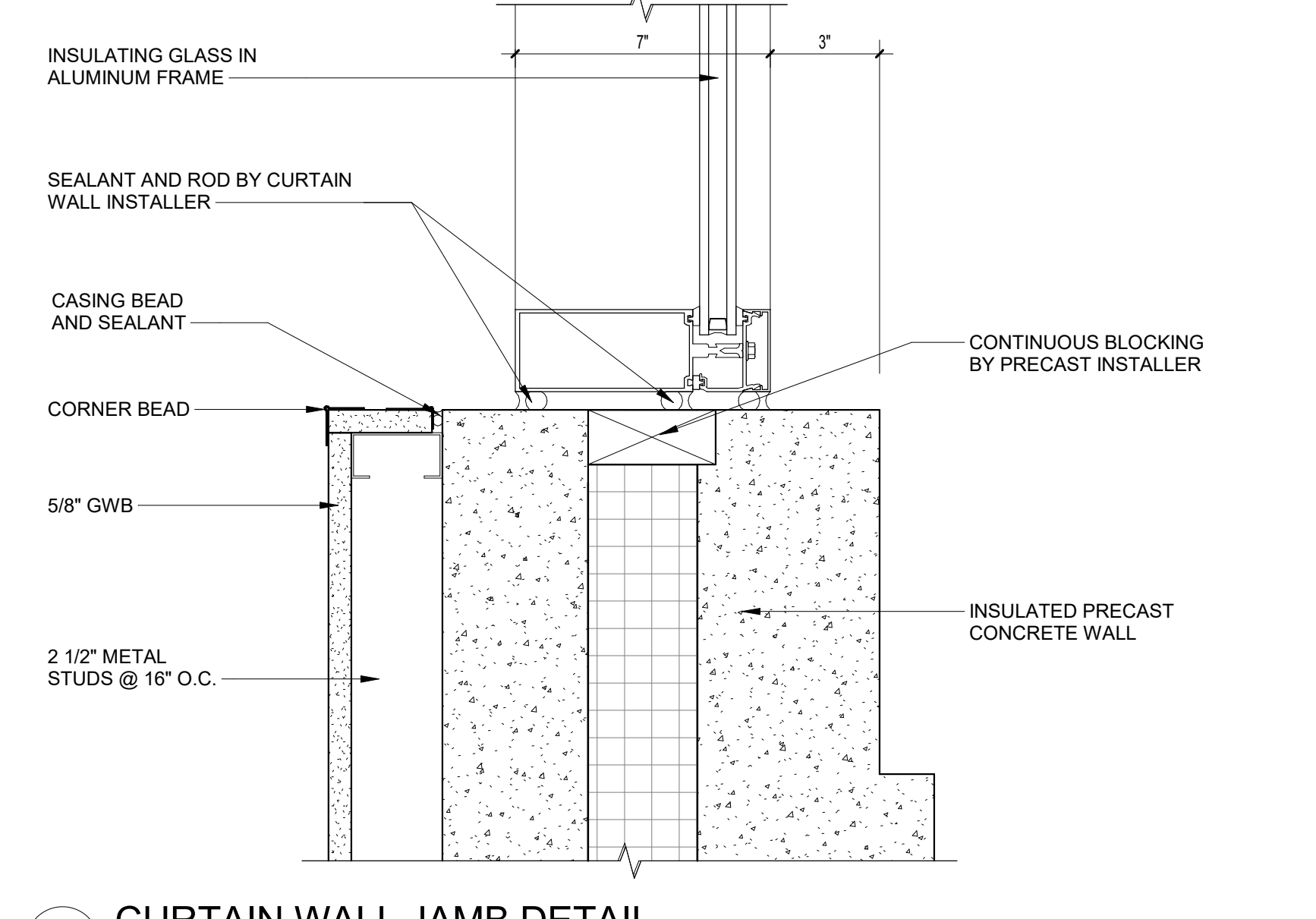
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3 CURTAIN WALL SILL DETAIL
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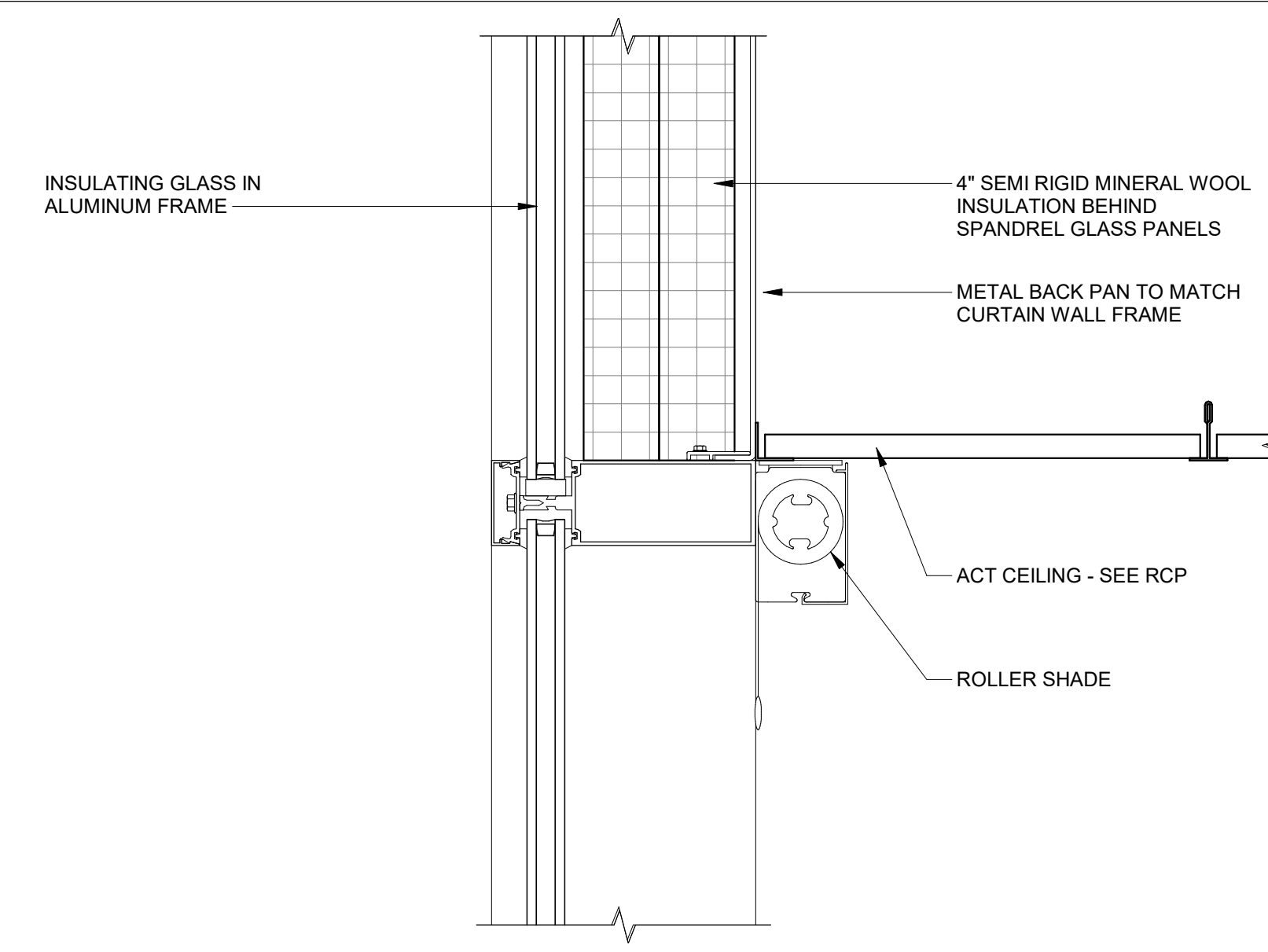
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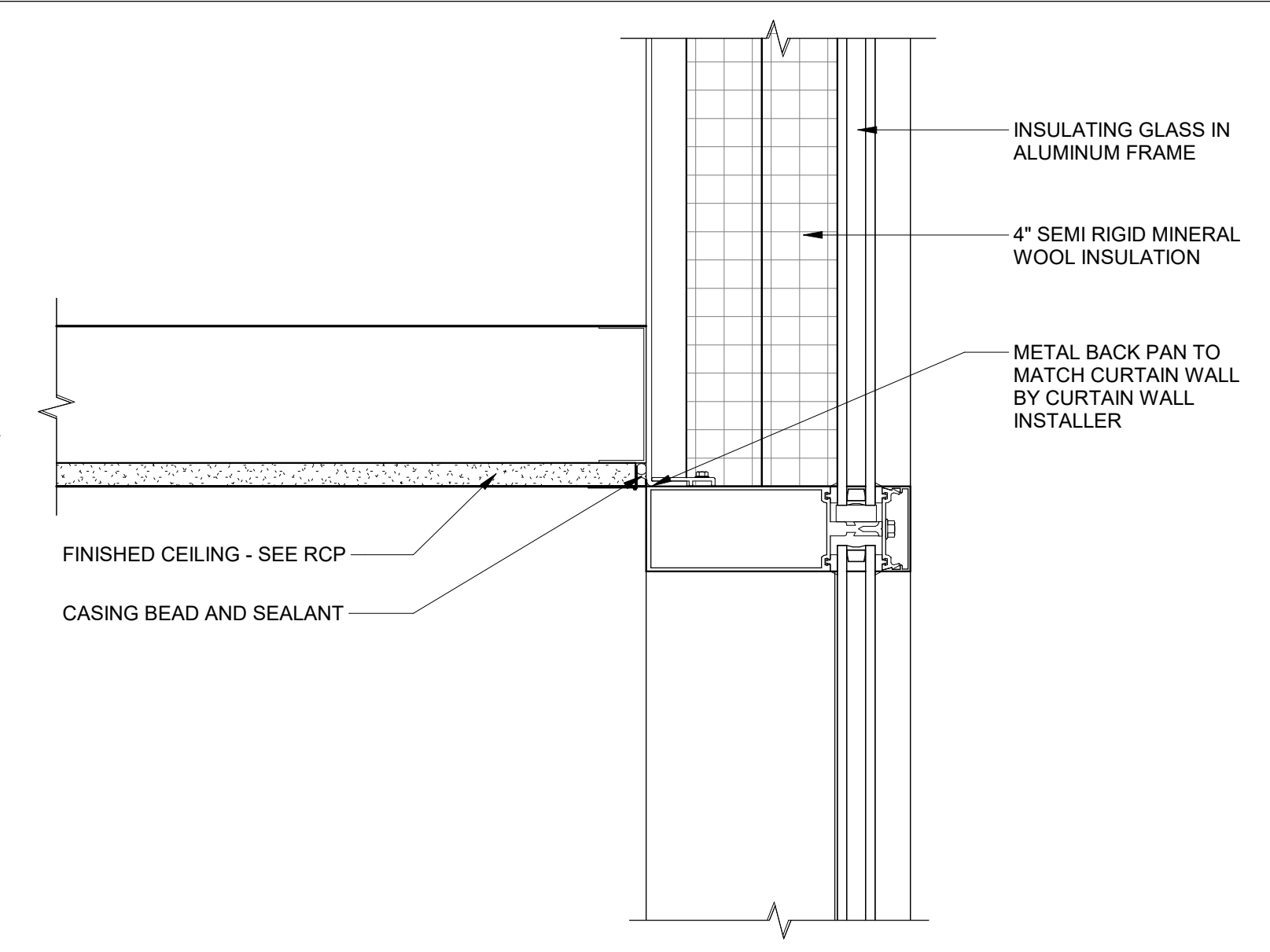
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NOTE: ALL WOOD BLOCKING AND PLYWOOD TO BE FIRE TREATED

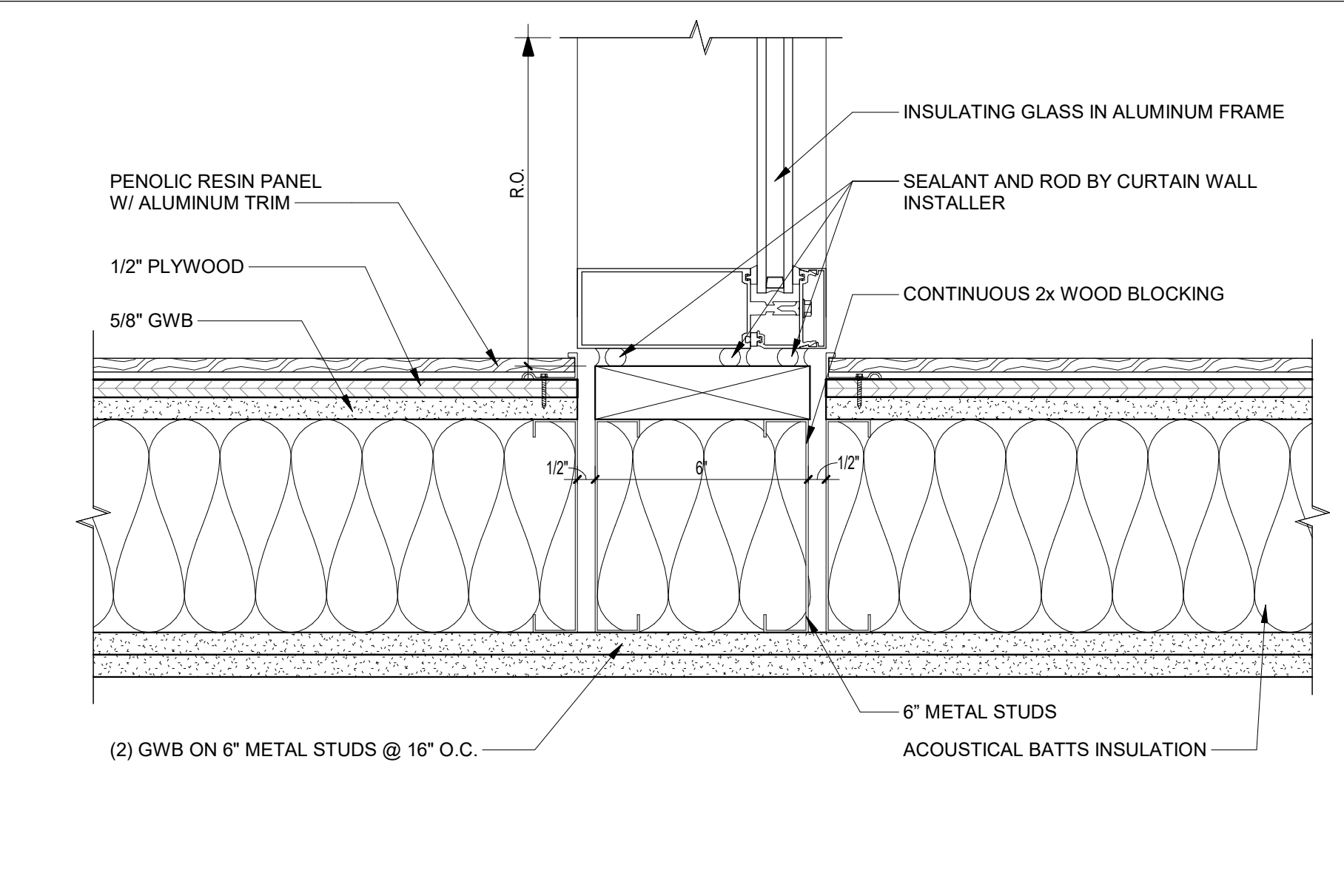
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CURTAIN WALL DETAILS			STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
drawing prepared by DRA ARCHITECTS 220 Colman Road, Ste 200 South Windsor, CT 06074			date 05/24/2019	
project Renovations & Additions to Platt Technical High School 400 Orange Avenue, Milford, CT 06461			scale 3" = 1'-0"	
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OSCR project no. 900-0113			approved by Approver	
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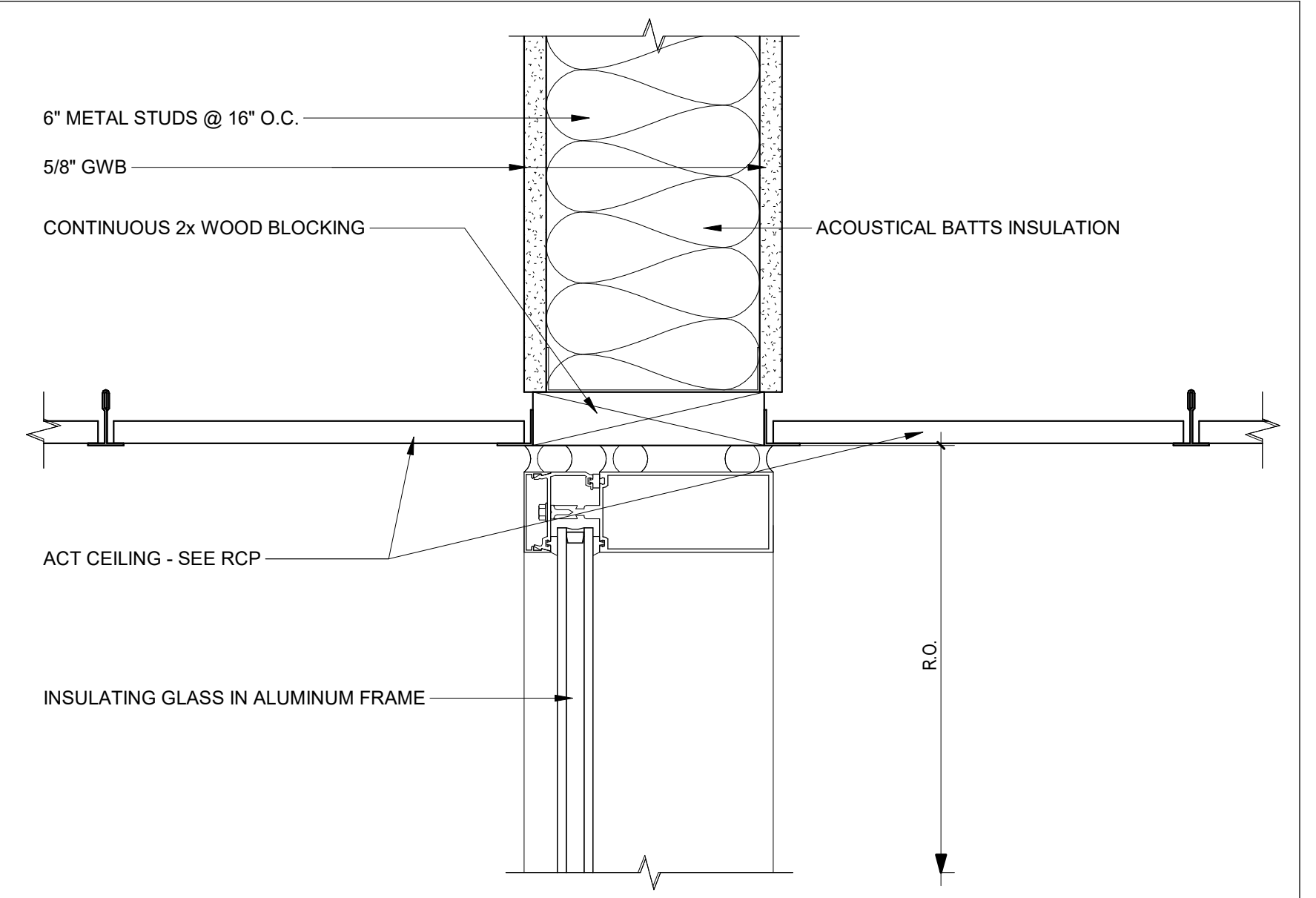
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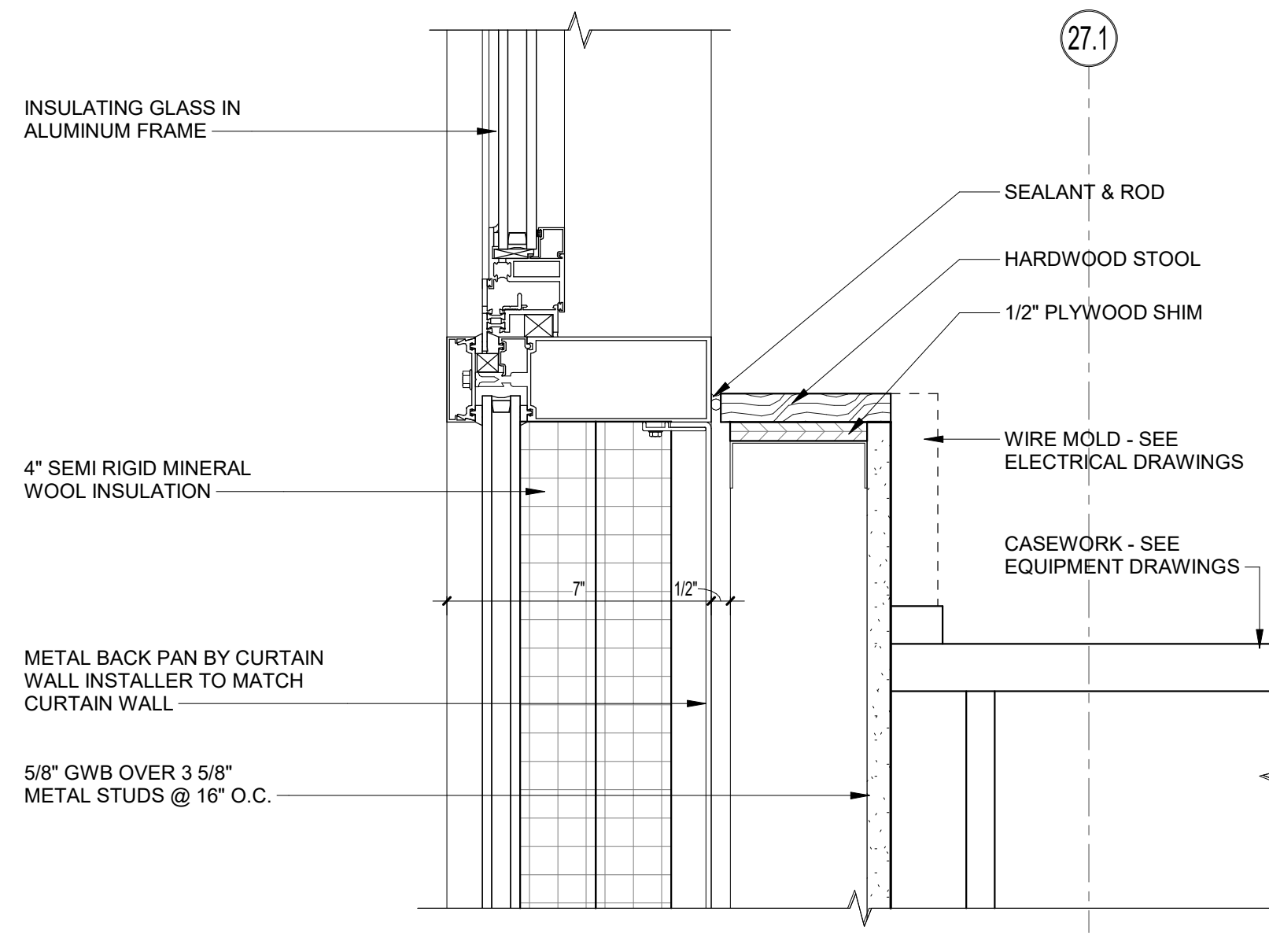
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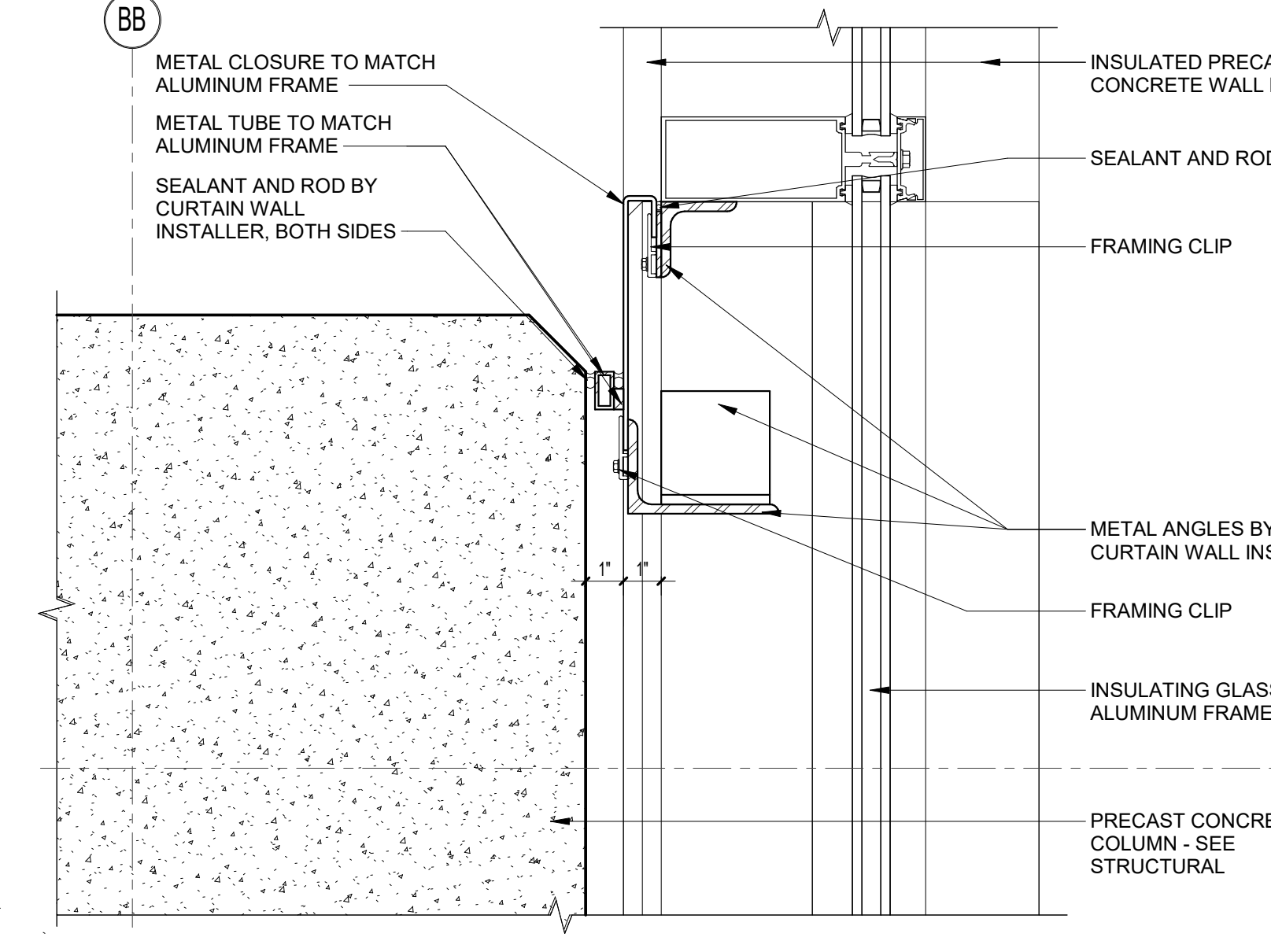
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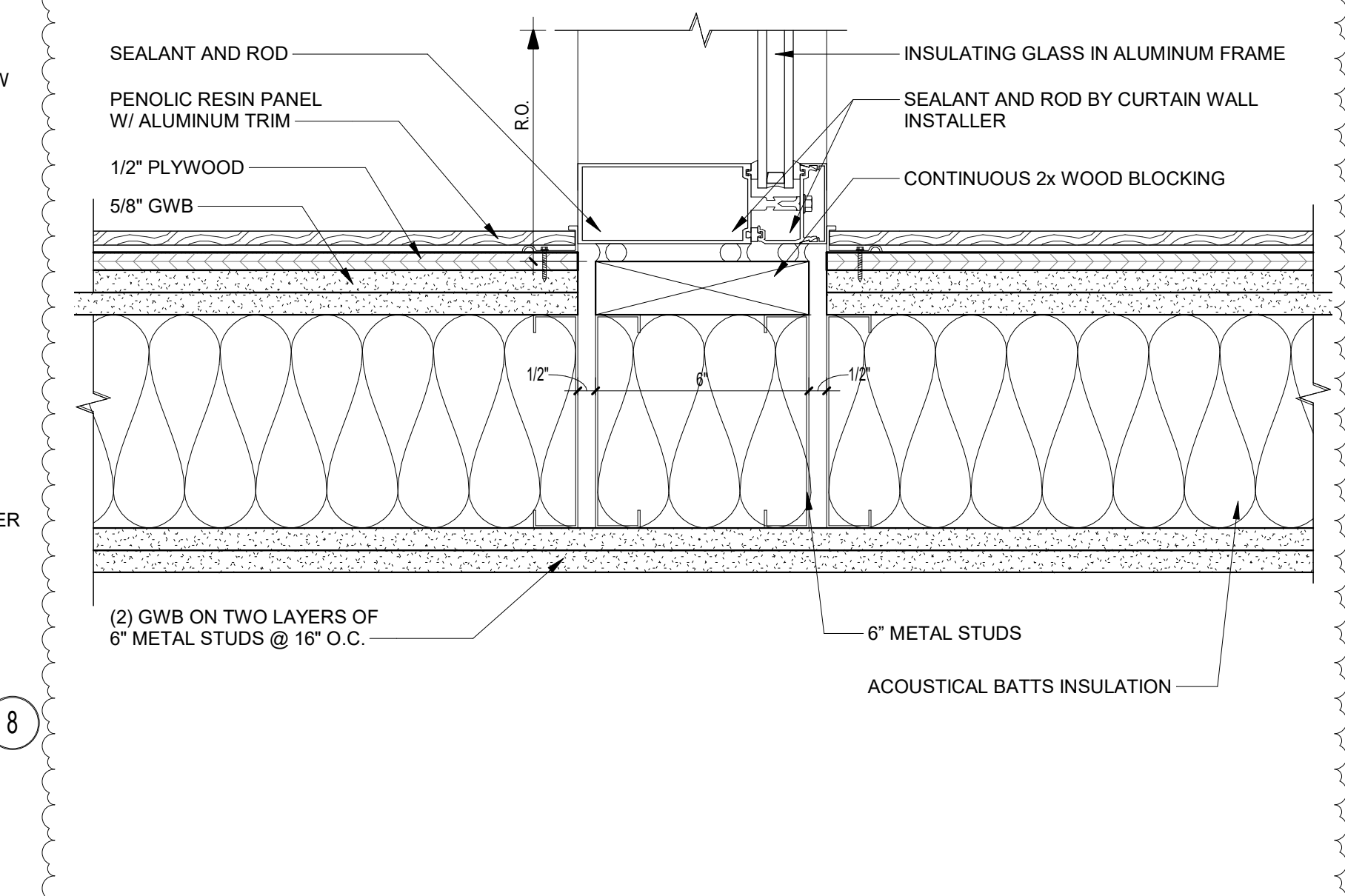
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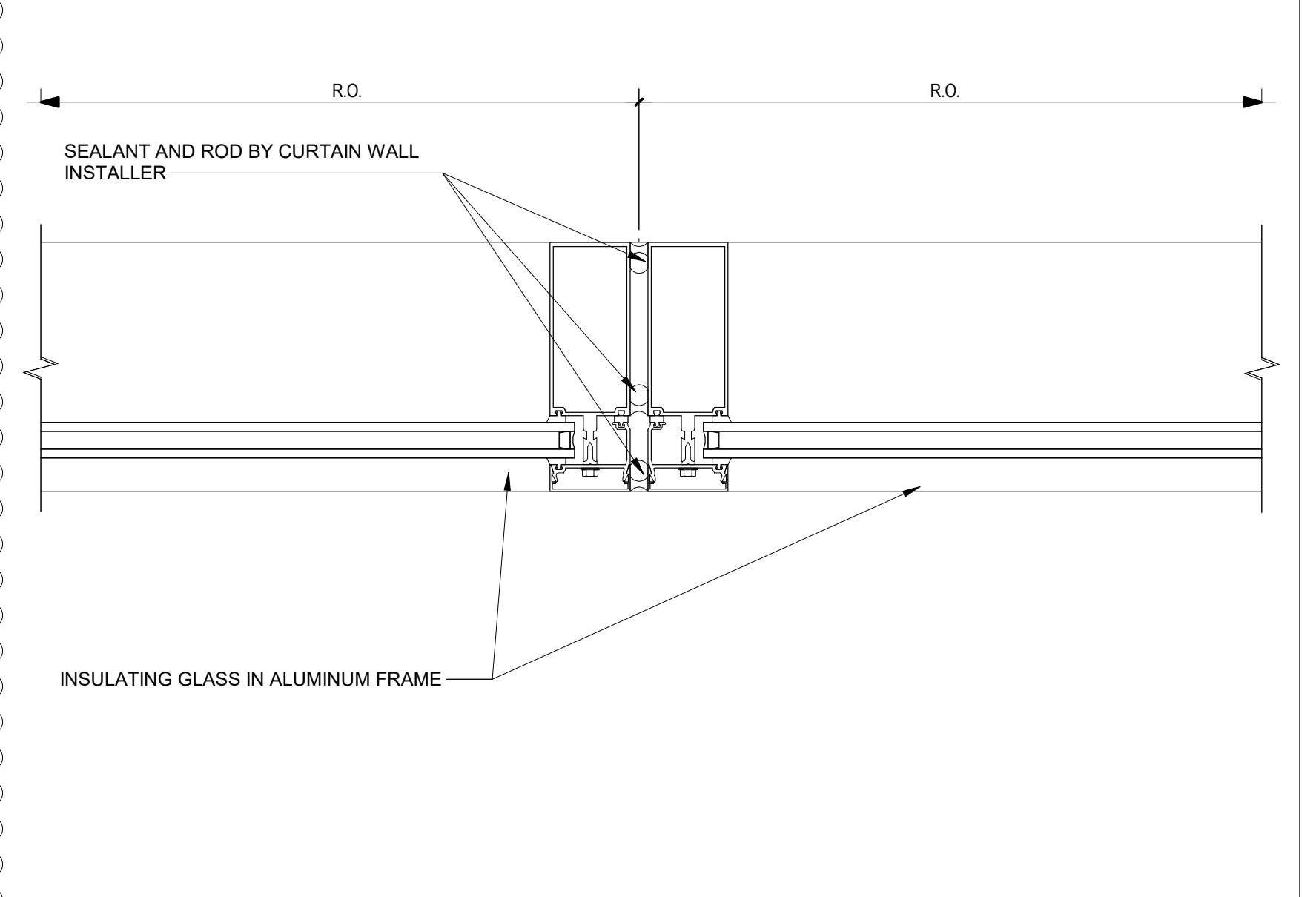
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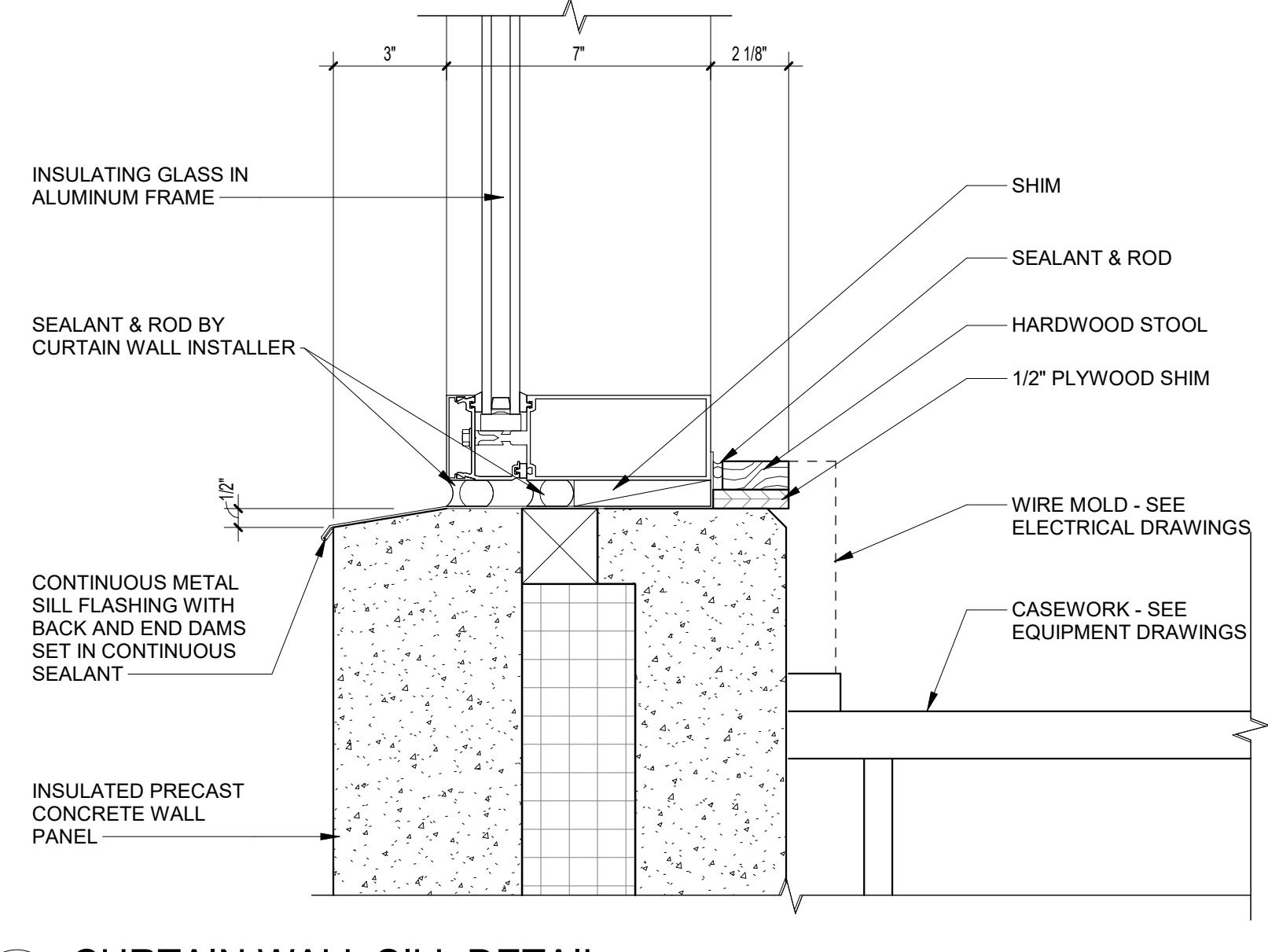
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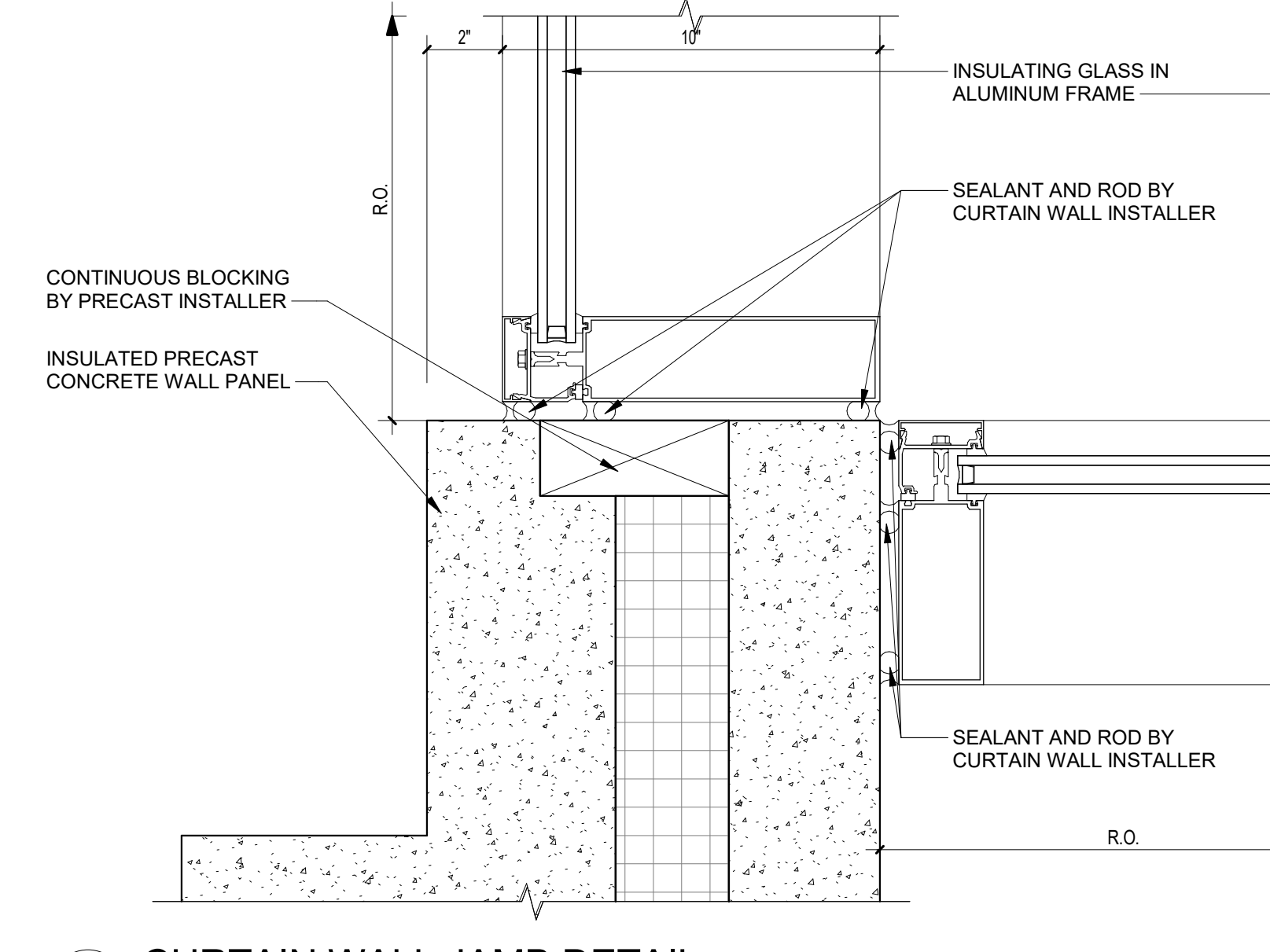
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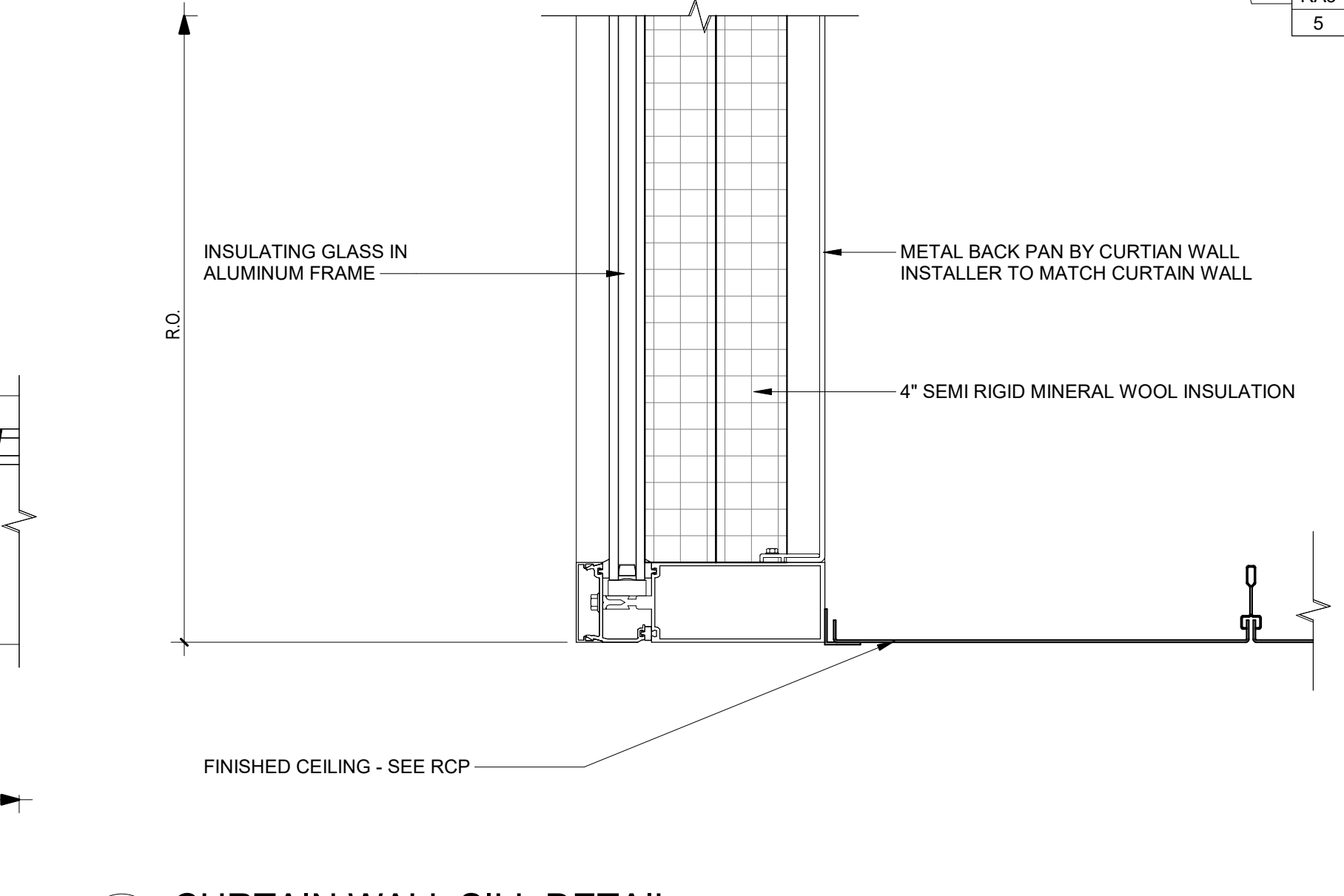
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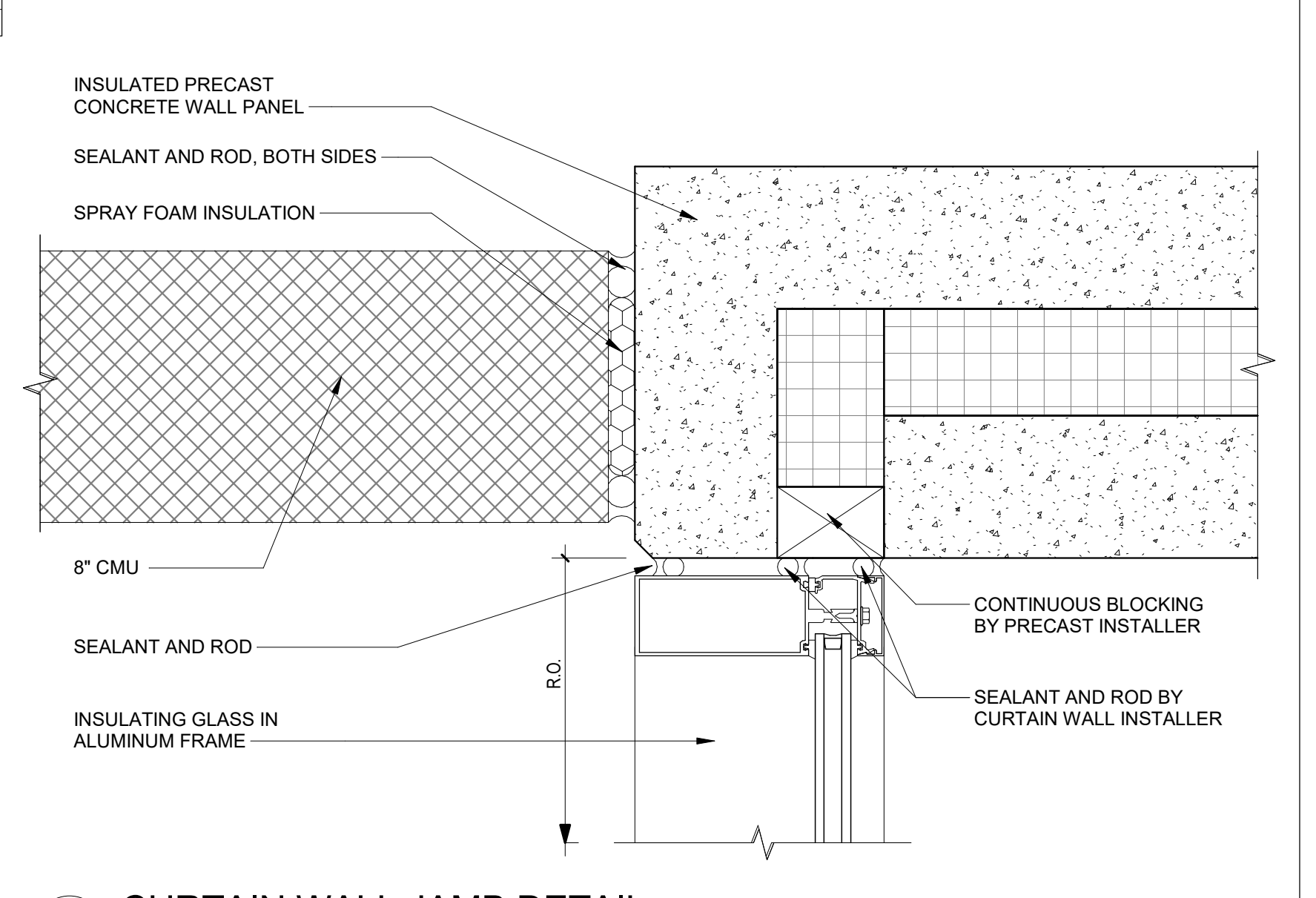
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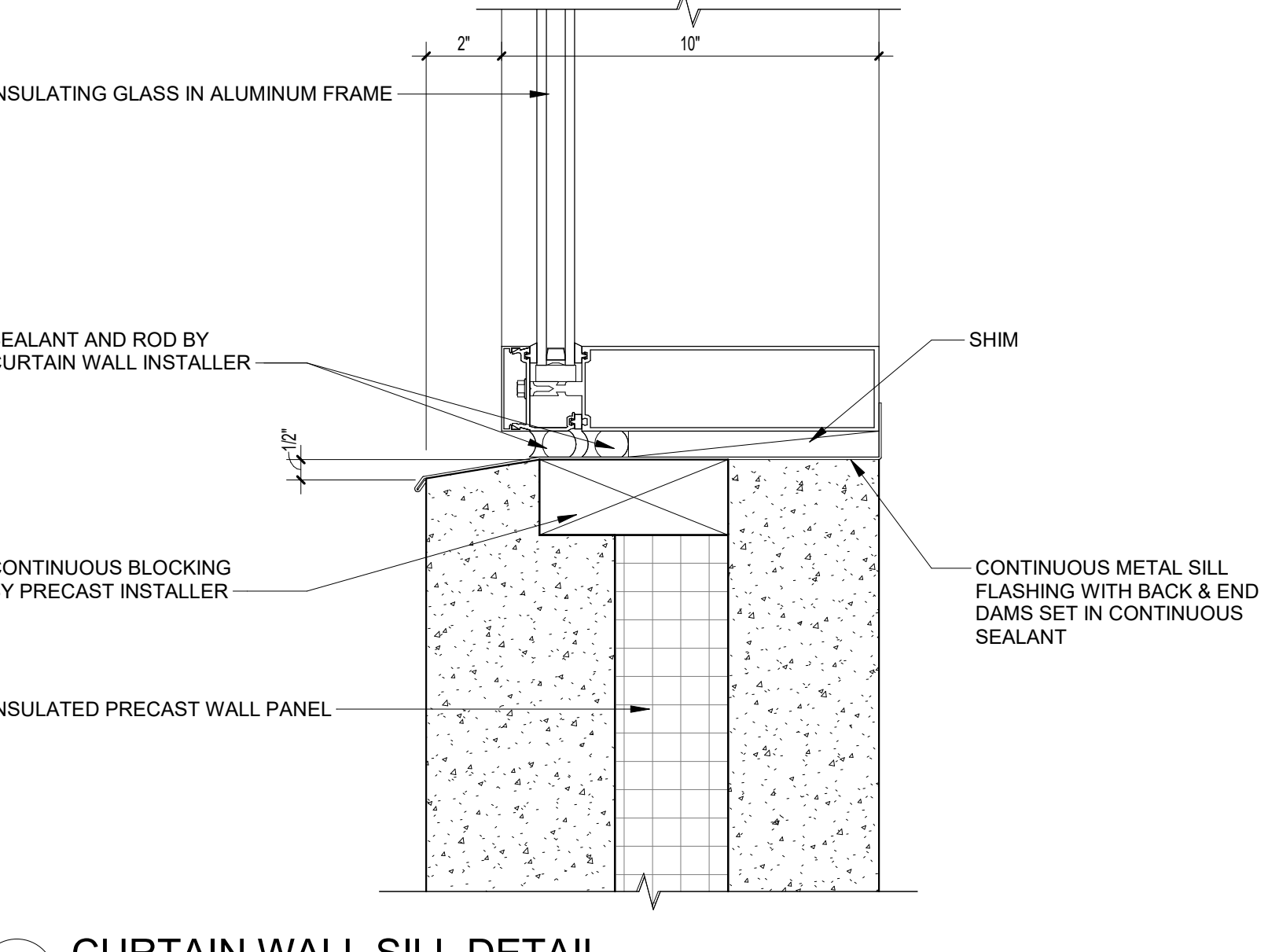
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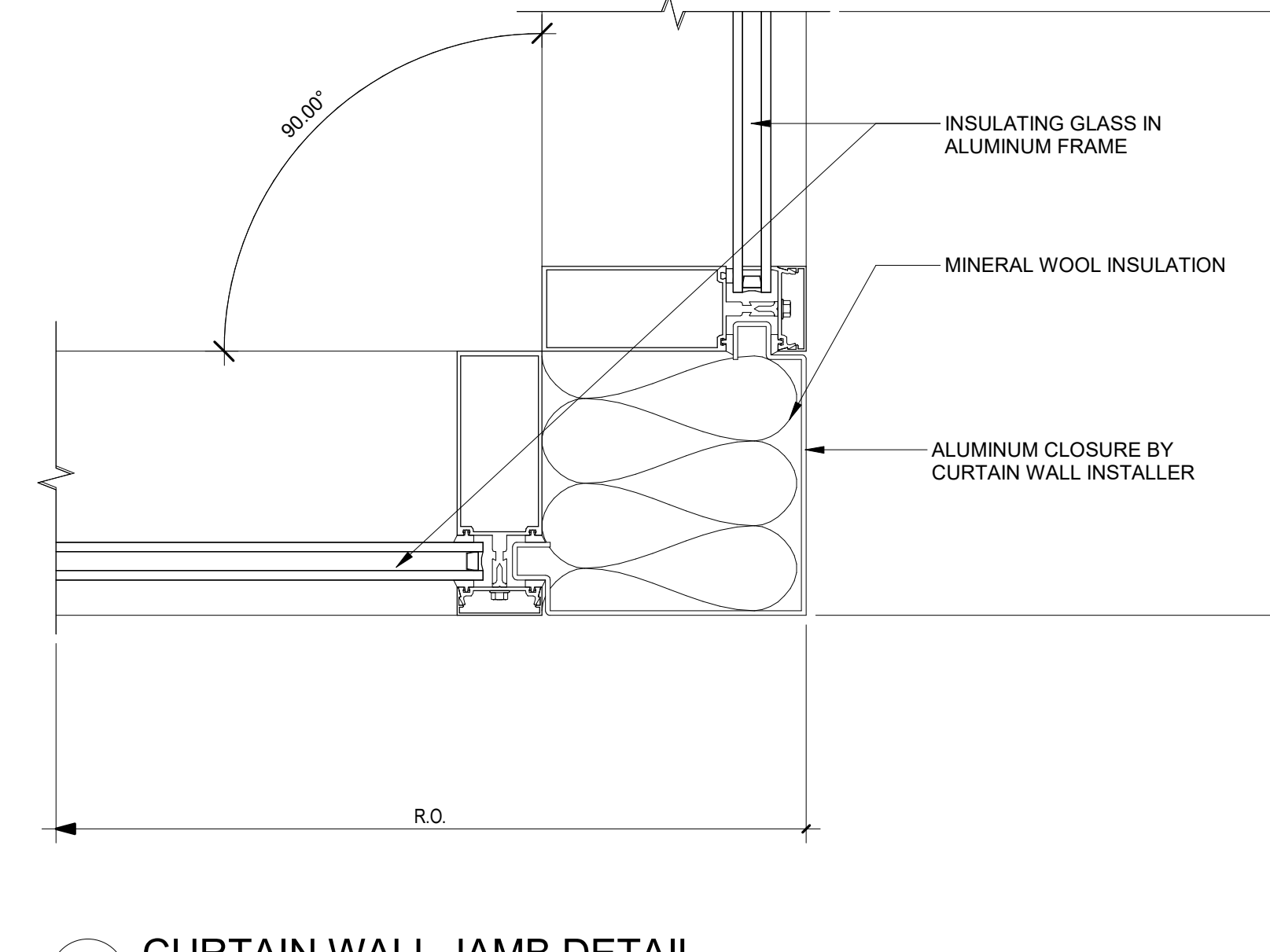
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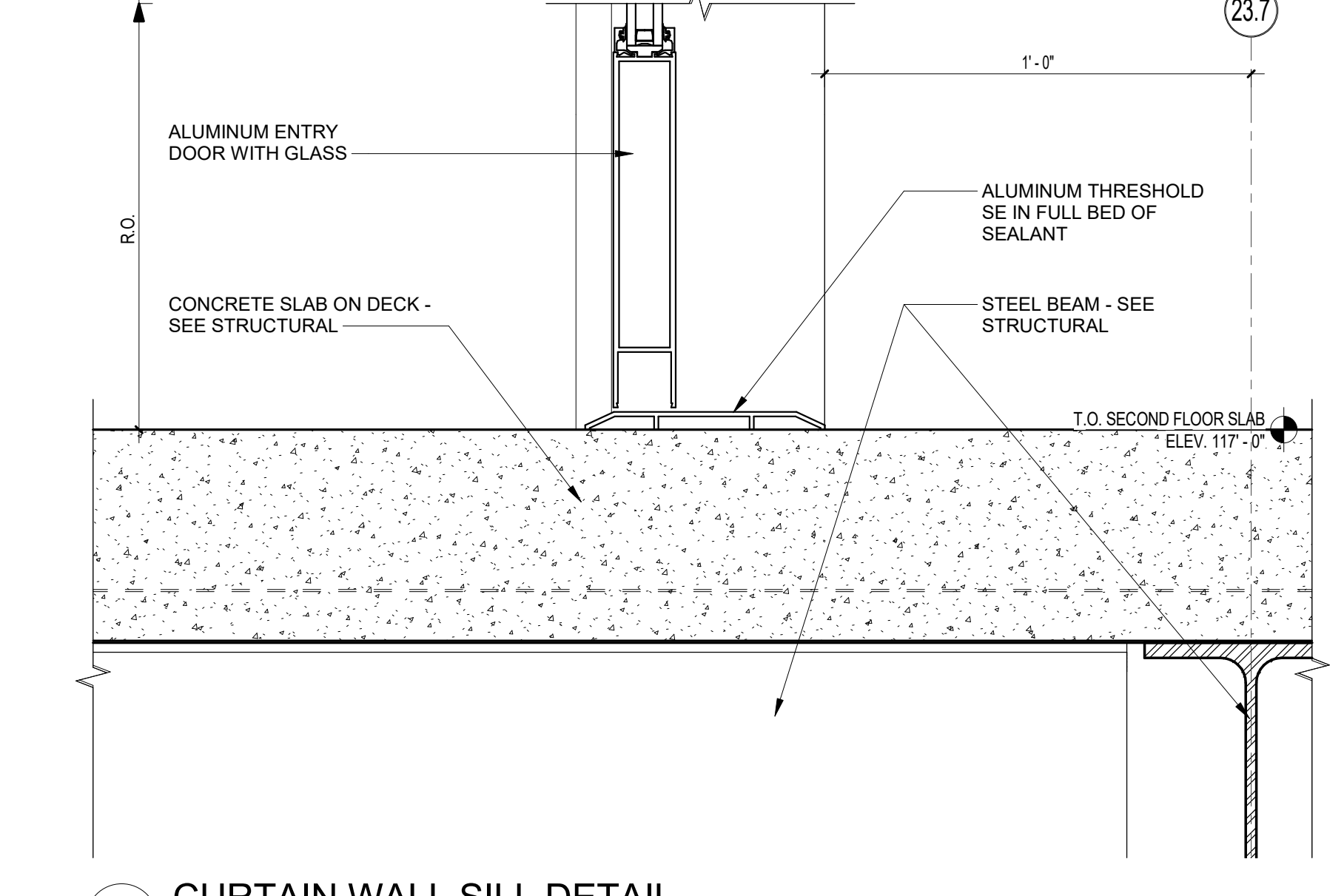
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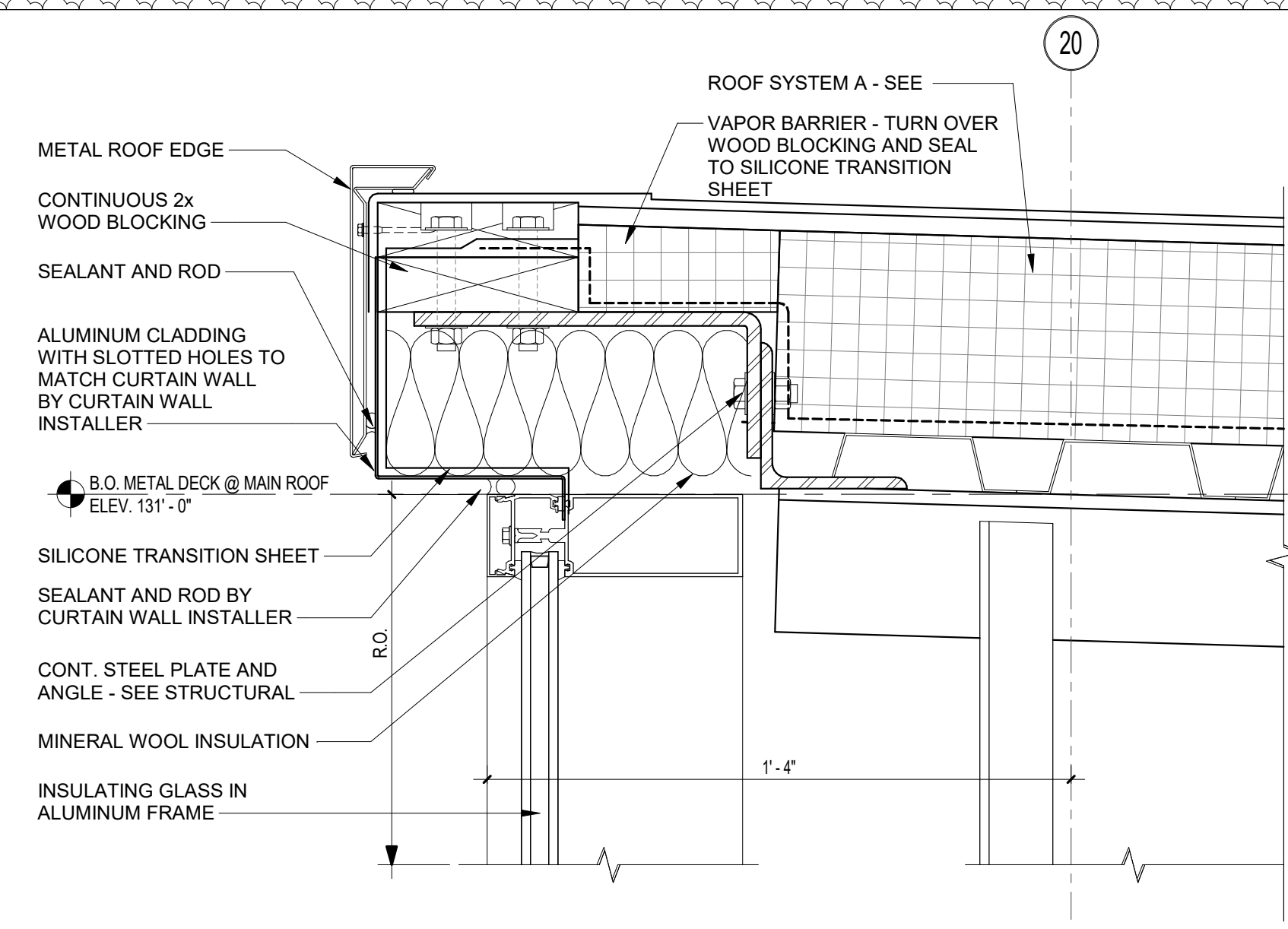
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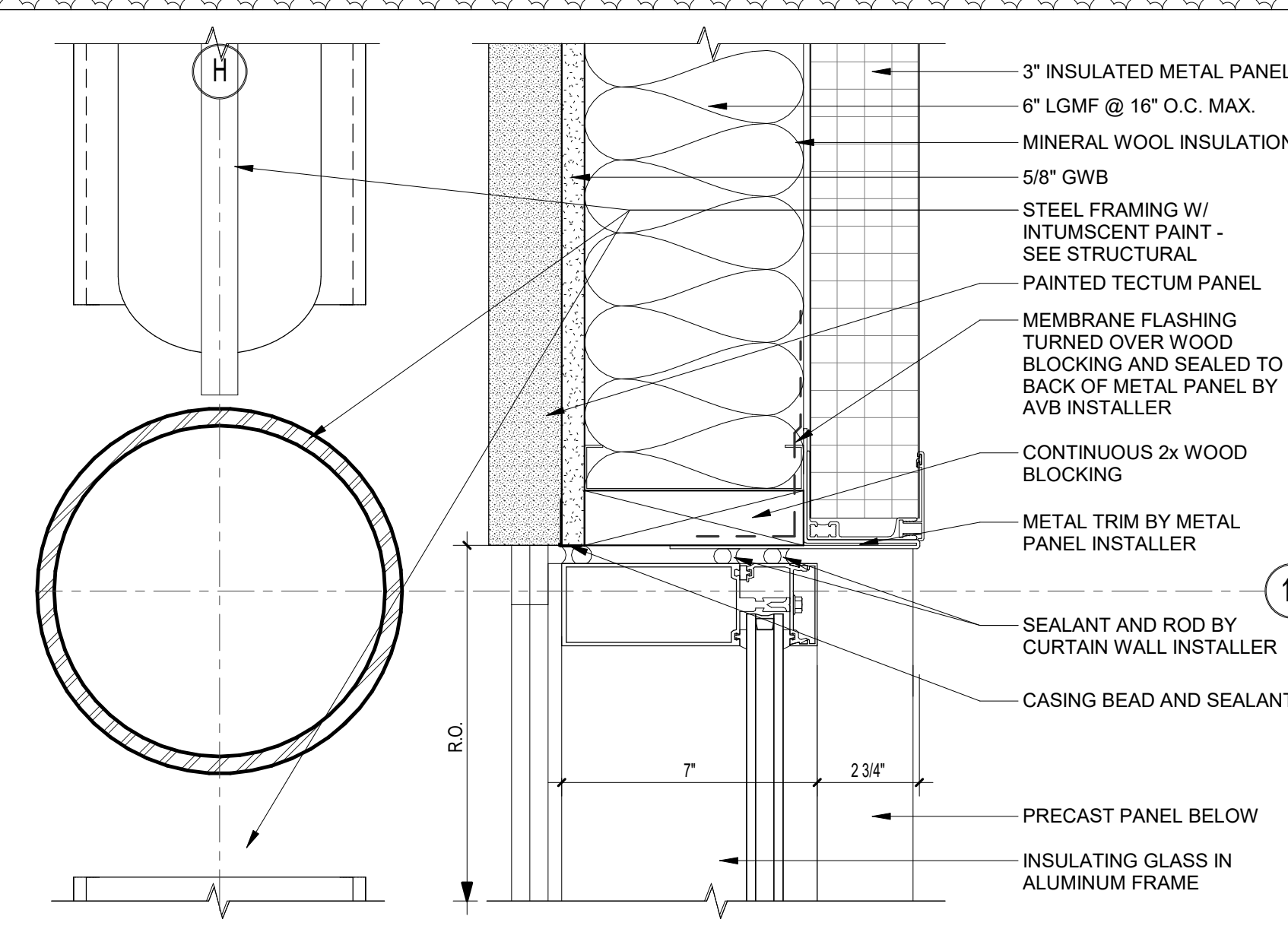
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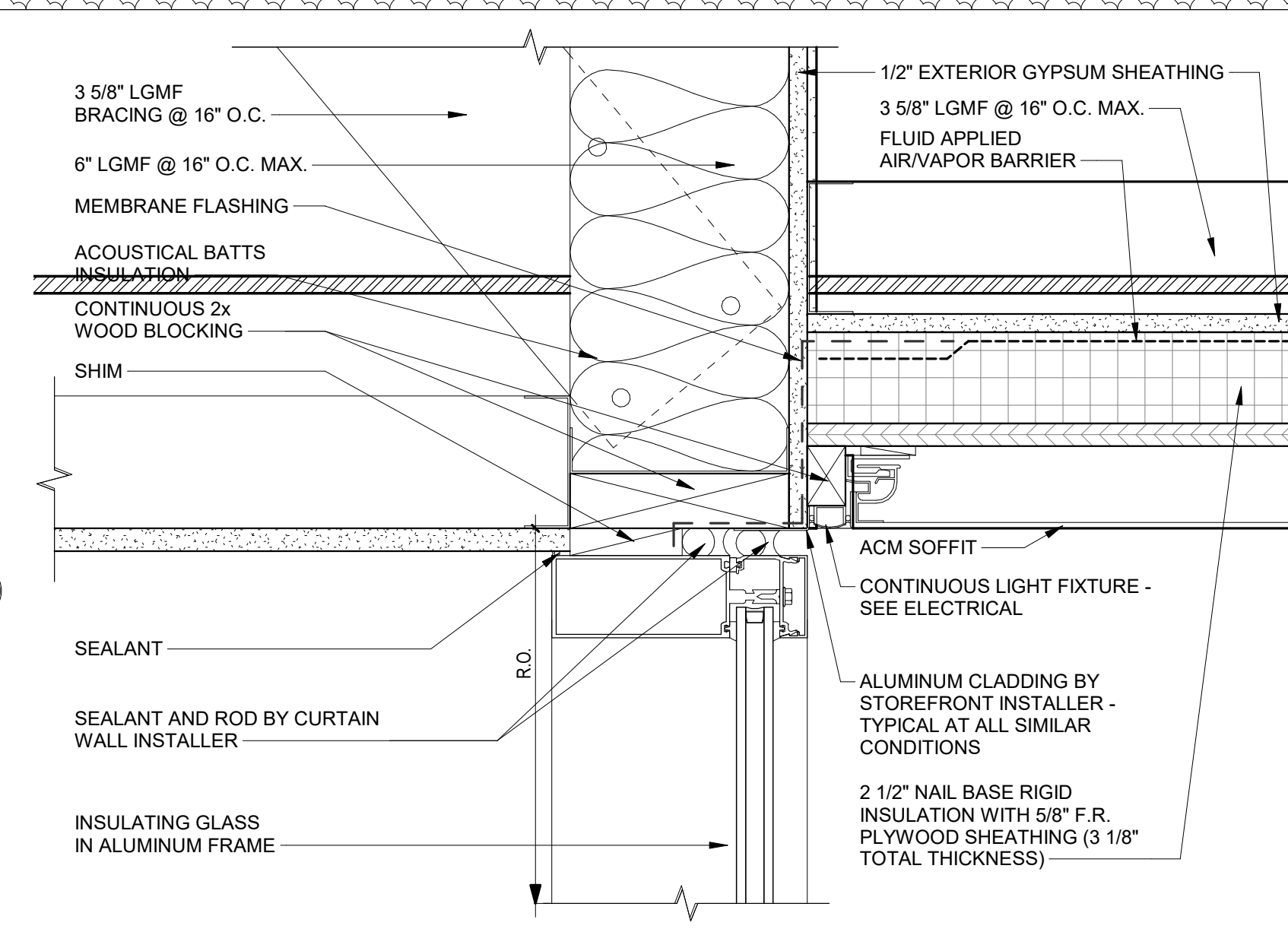
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drawing date 08/02/2019			date 05/24/2019	
drawing description Addendum No. 3			scale 3" = 1'-0"	
drawing author RA3			drawn by Author	
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drawing no. A6-3-13			drawing no. A6-3-13	
CAD no. BL-RT-076 CM-R		DCS project no. BL-RT-076 CM-R		OSCGR project no. 900-0013



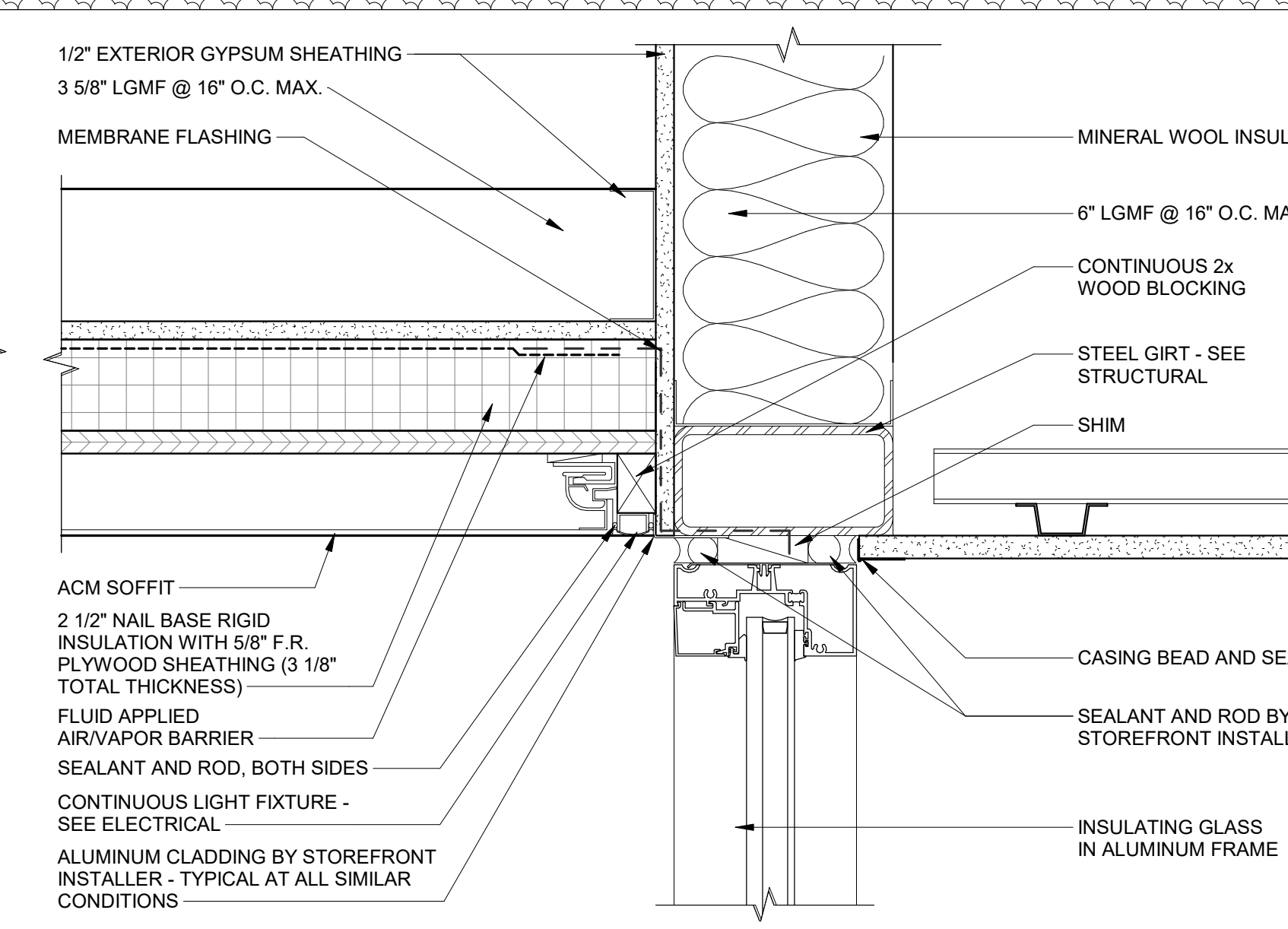
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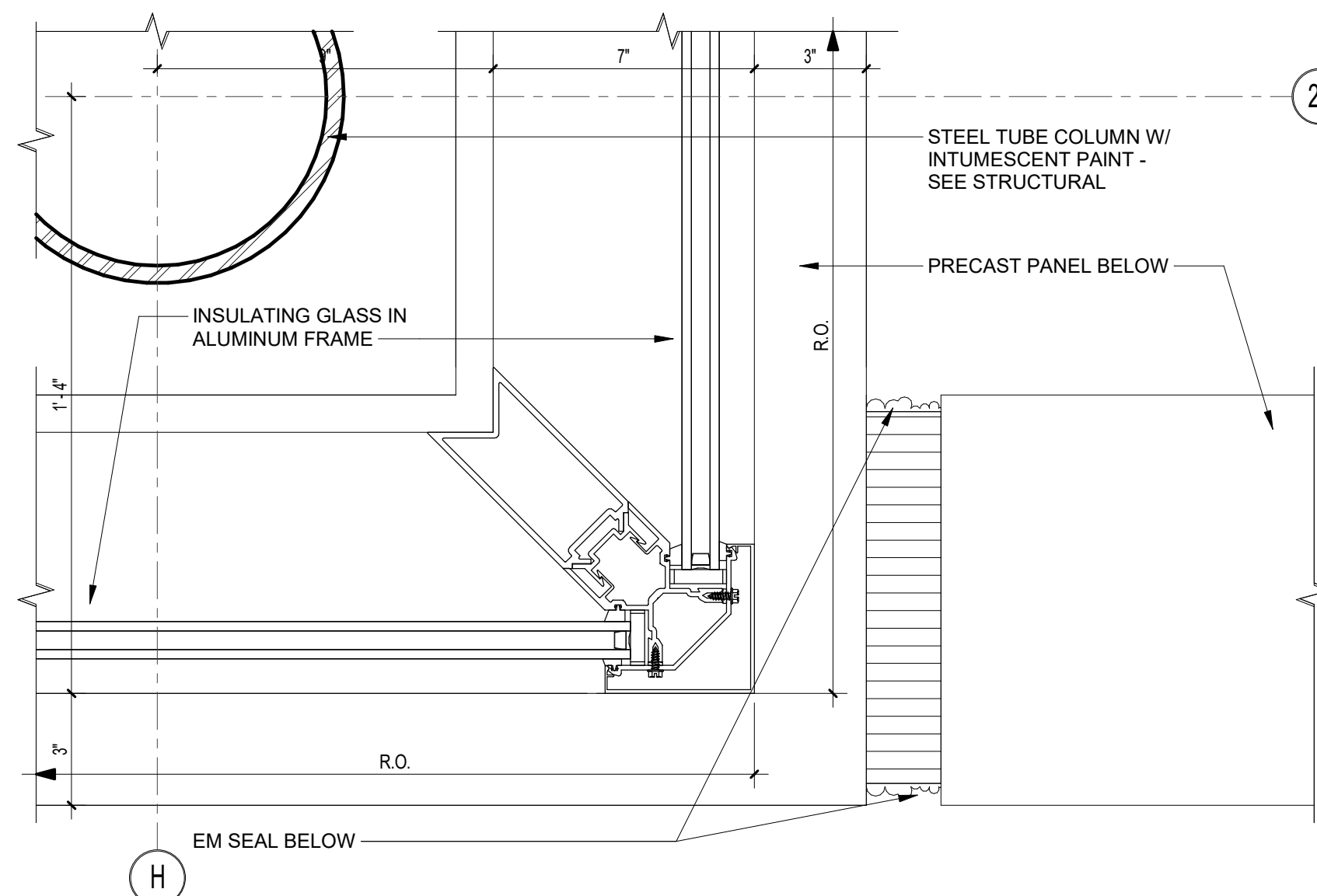
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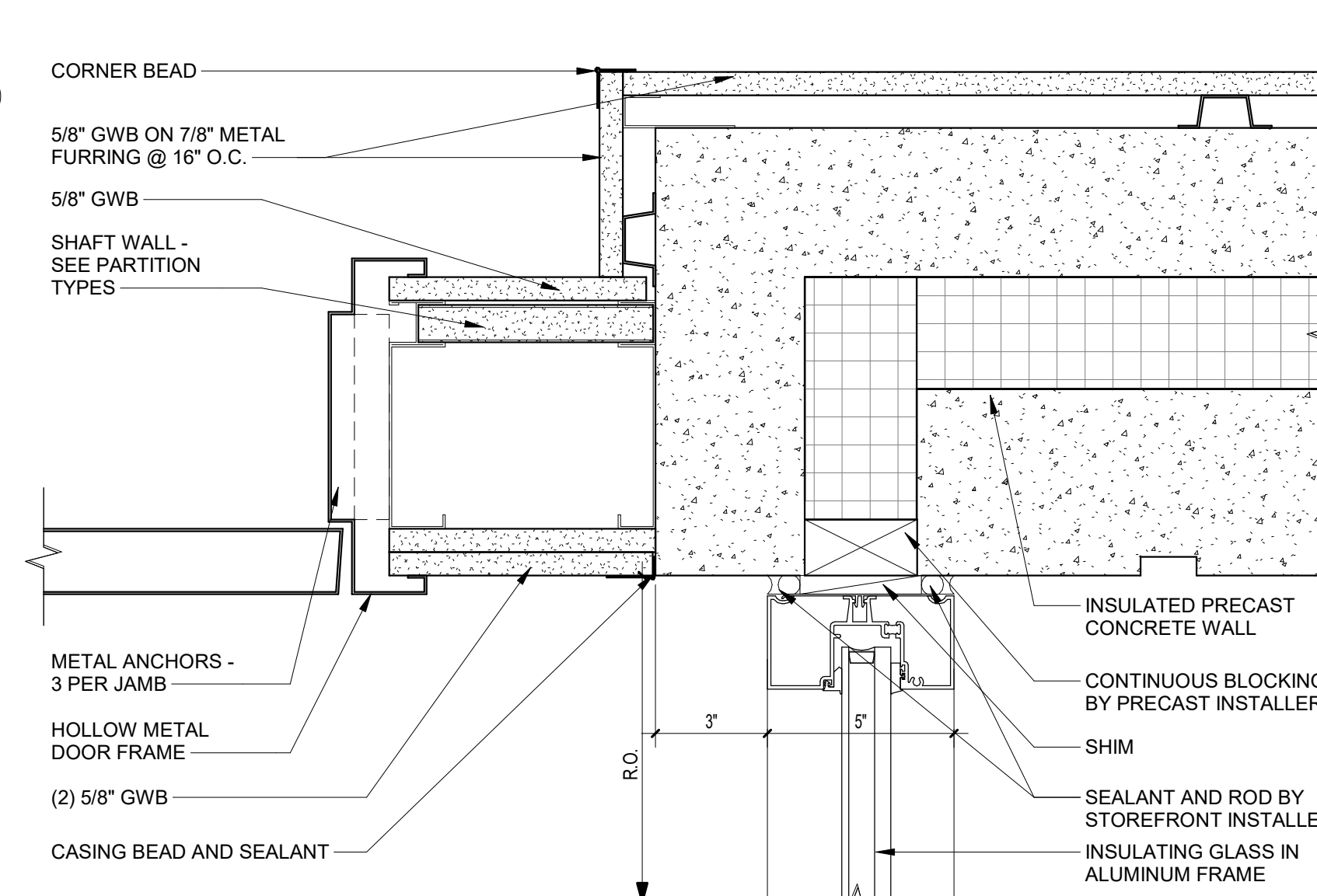
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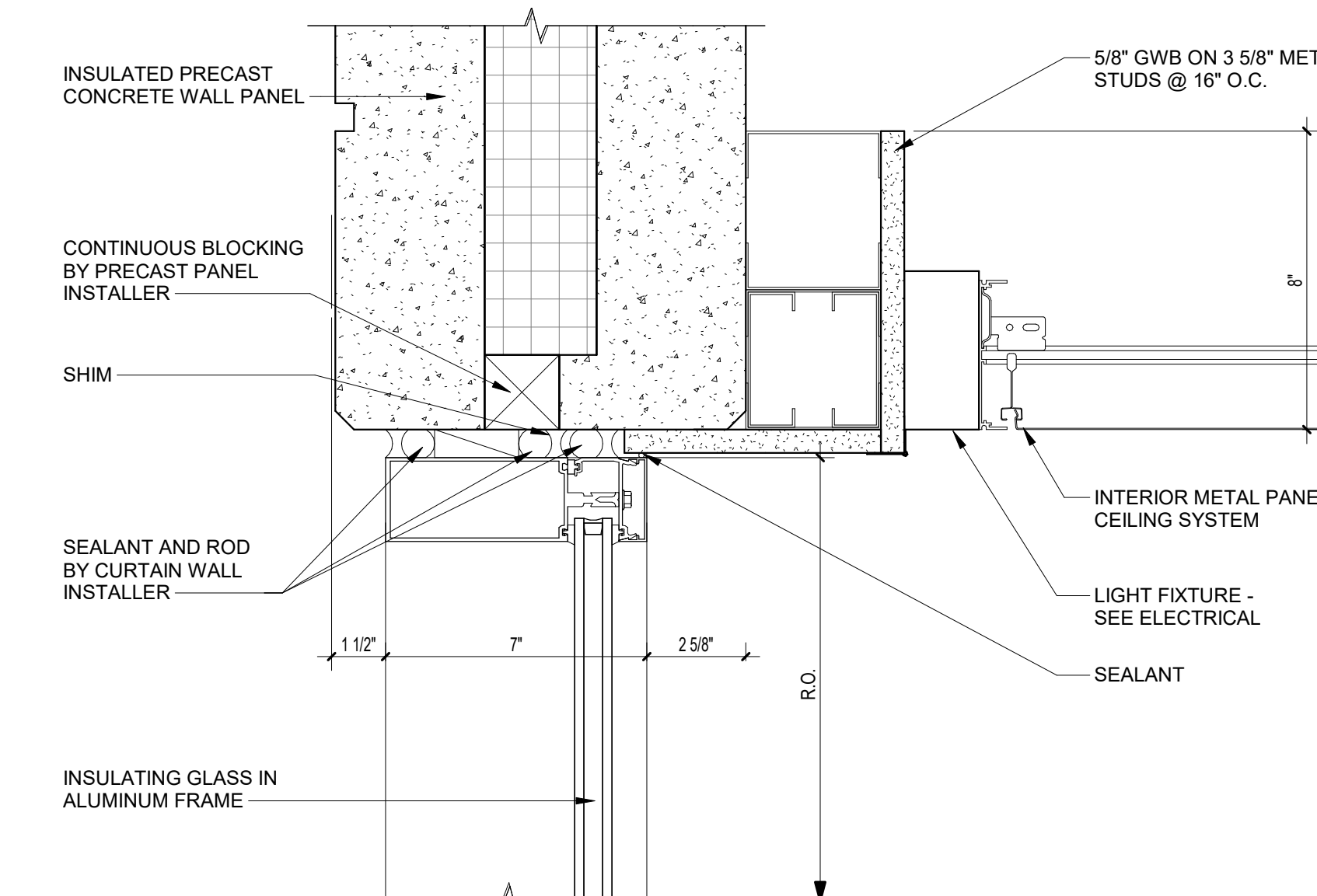
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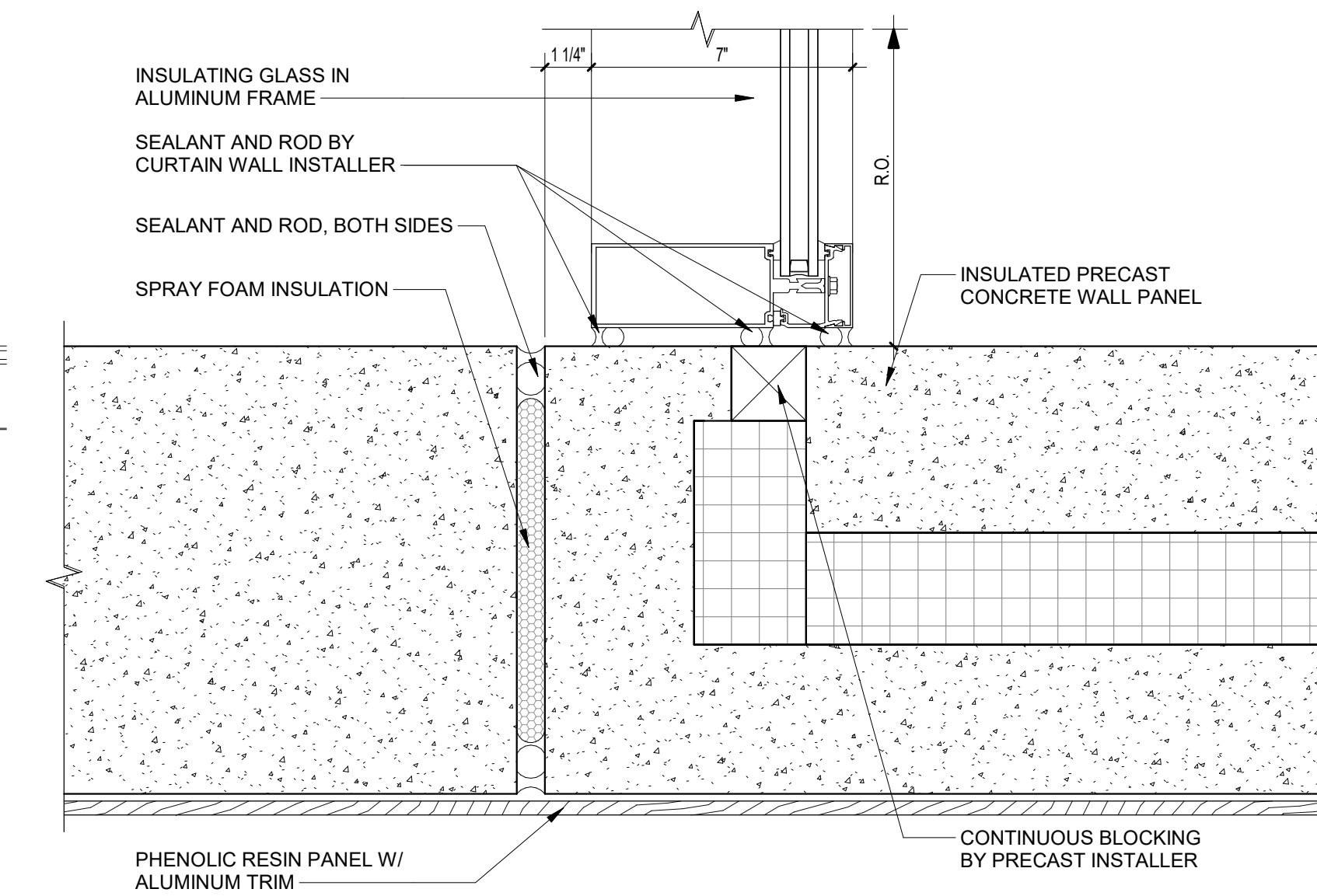
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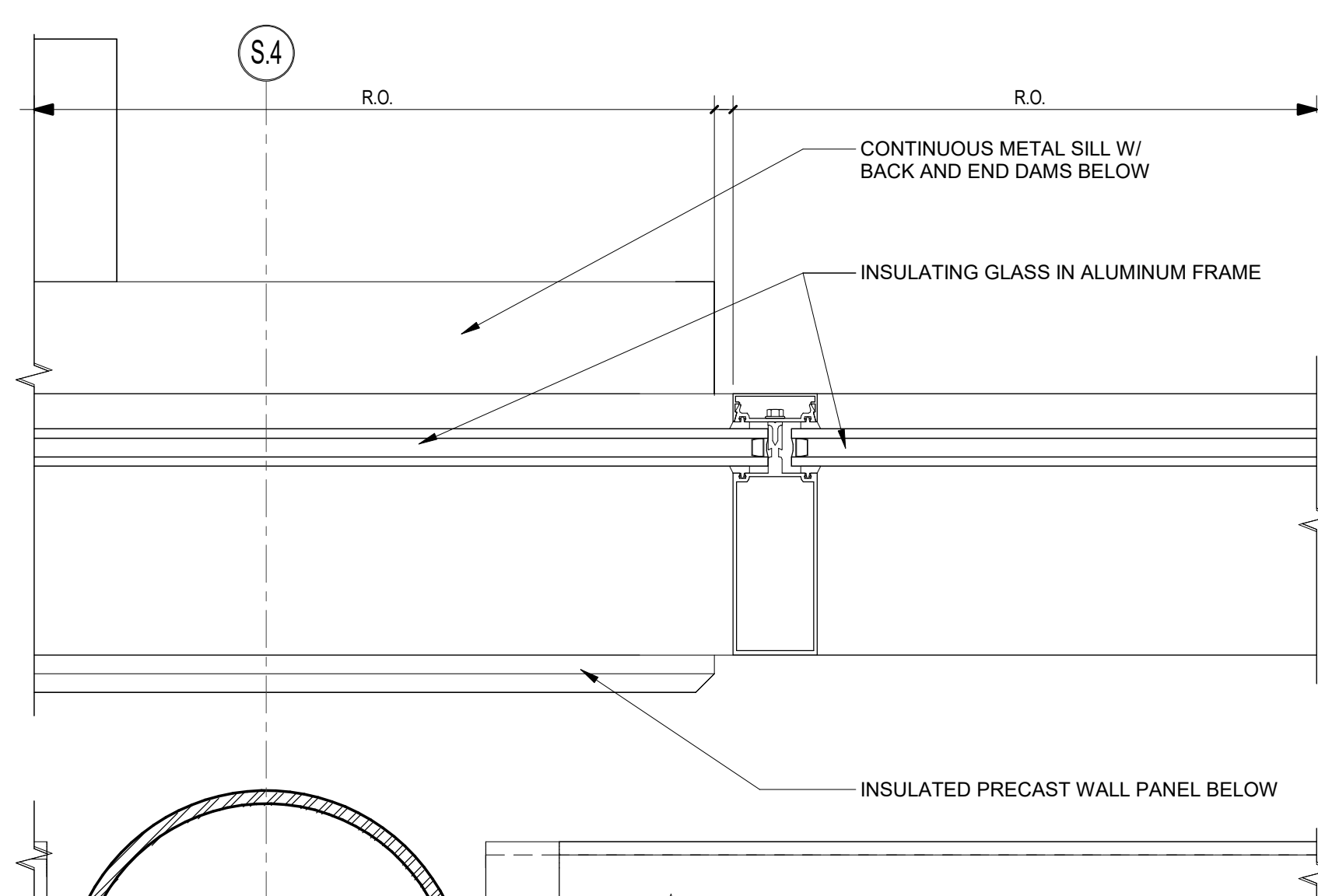
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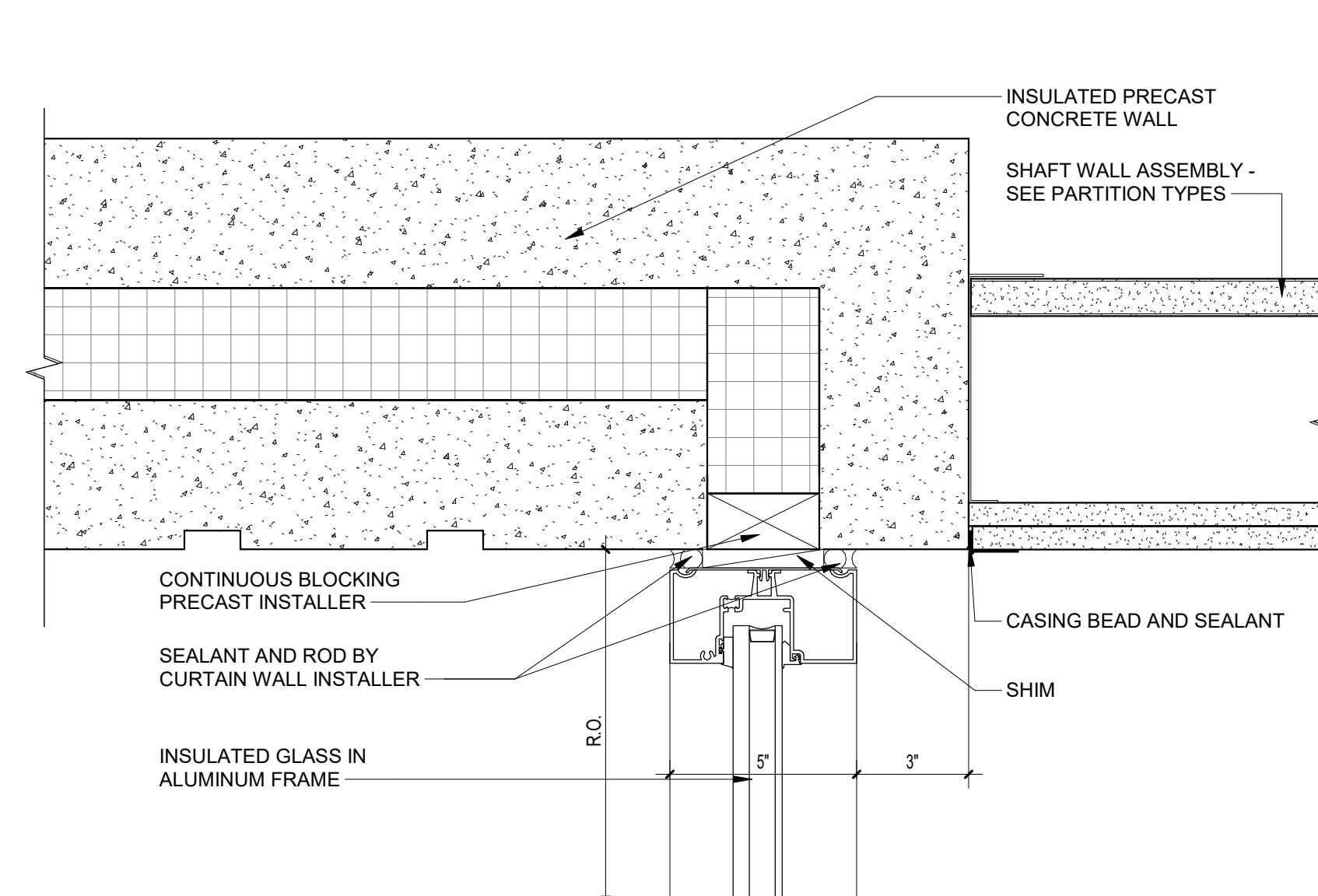
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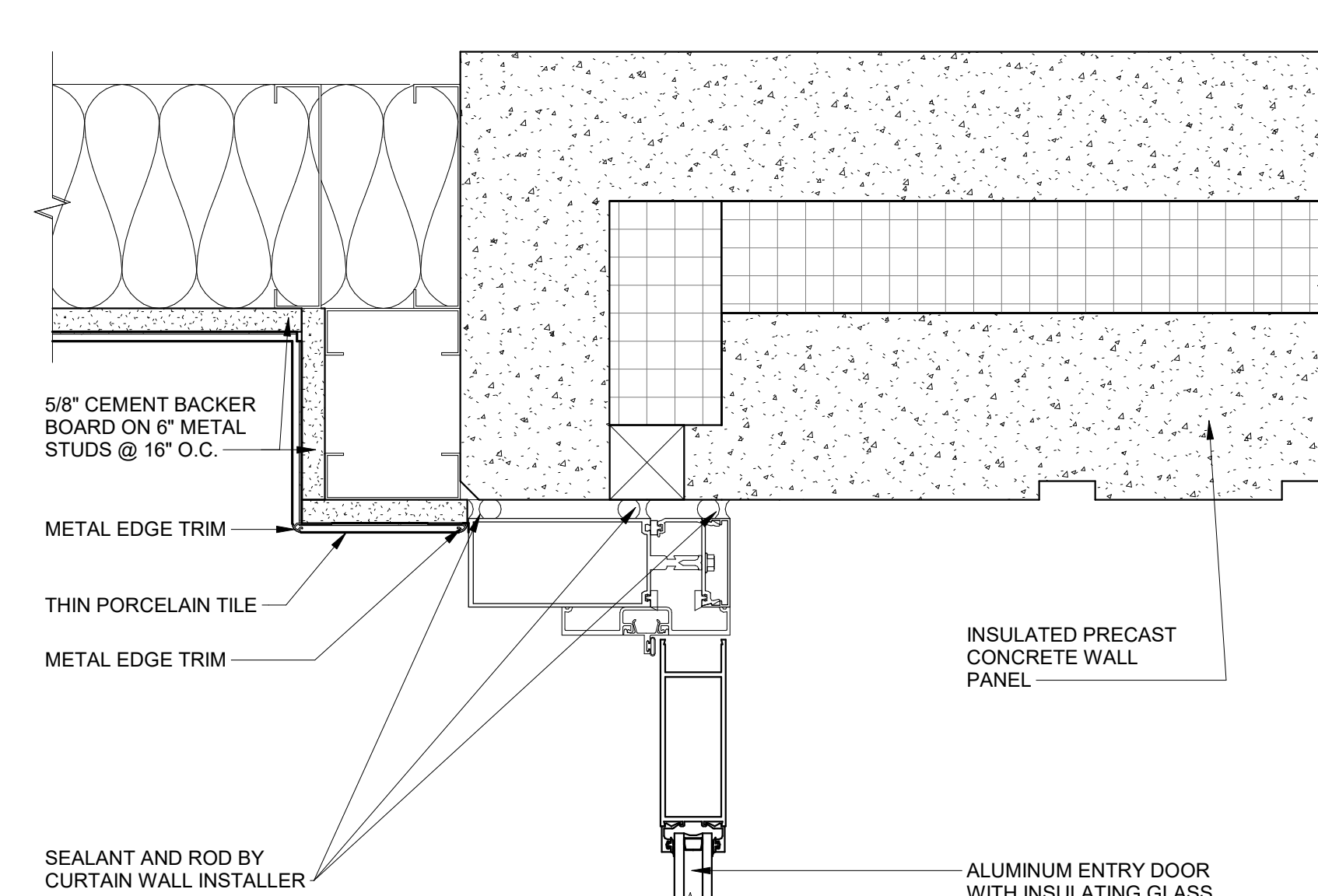
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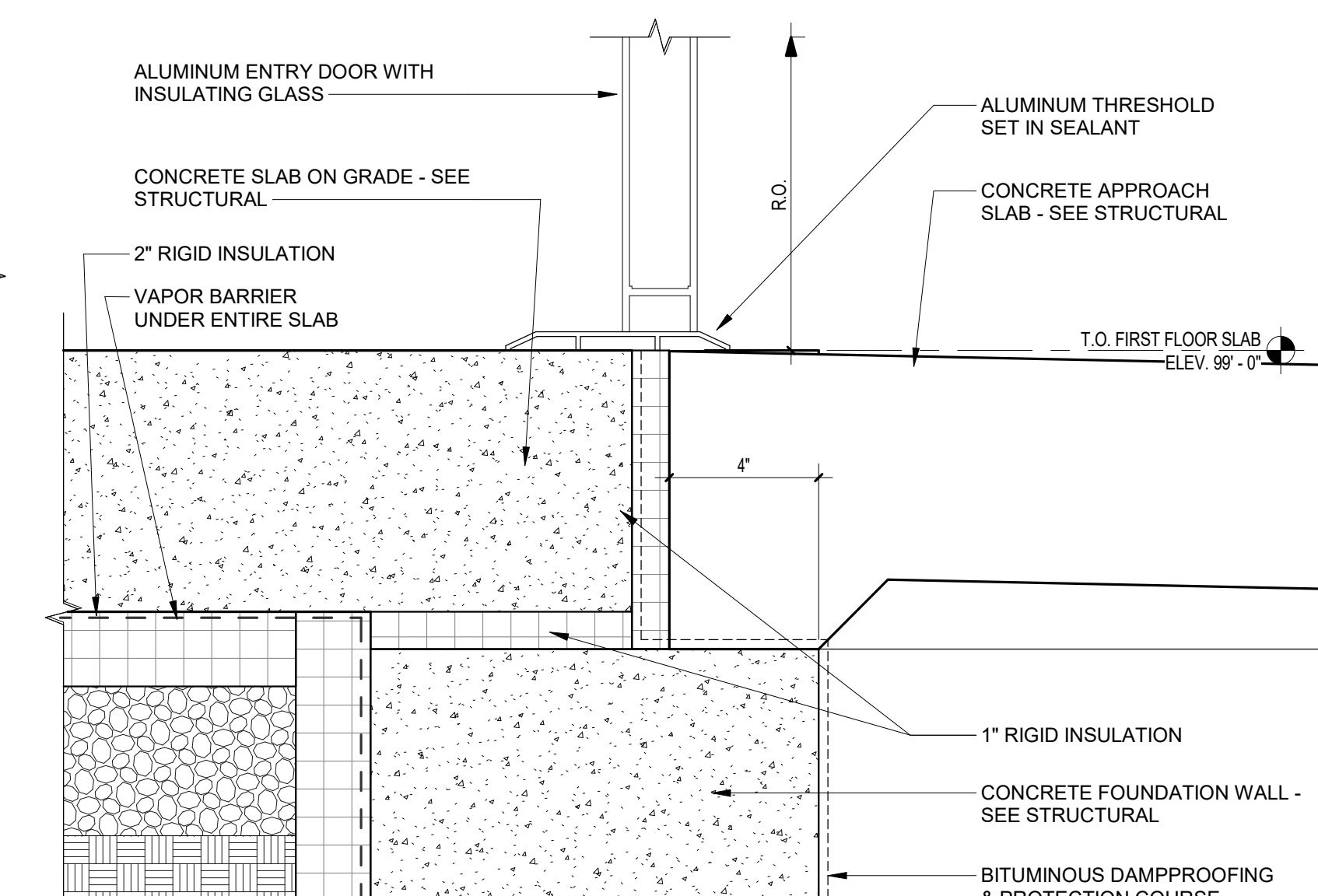
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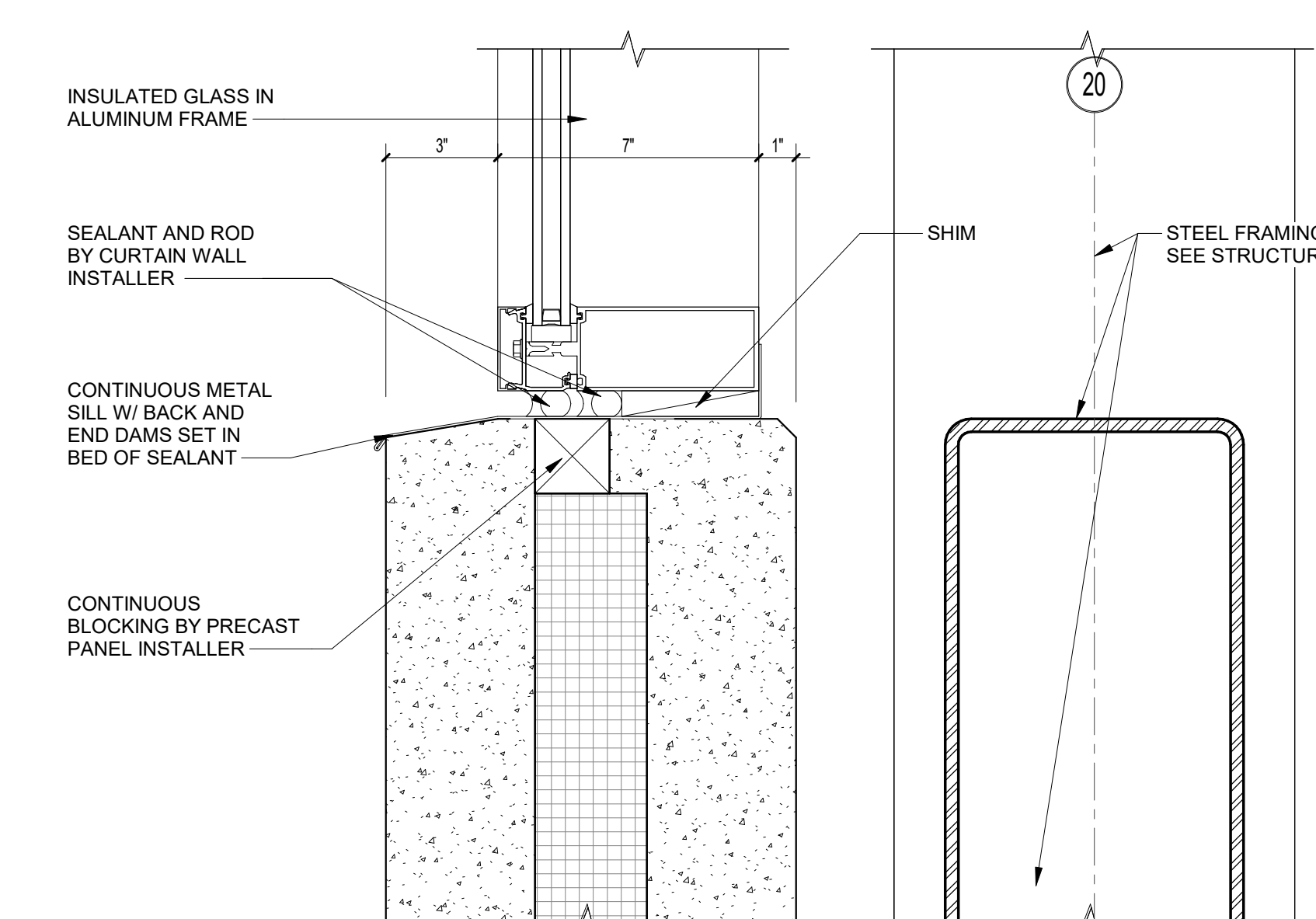
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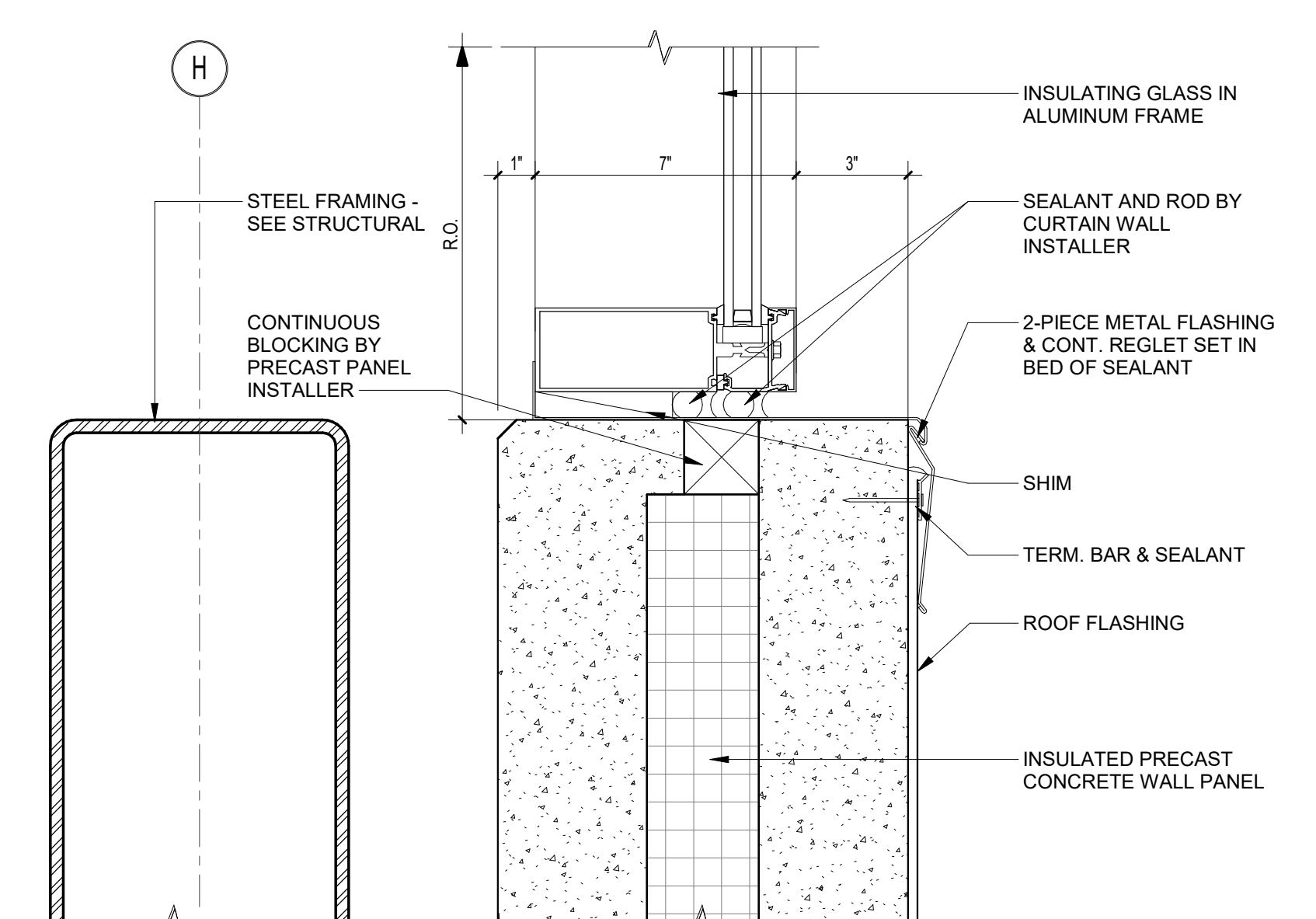
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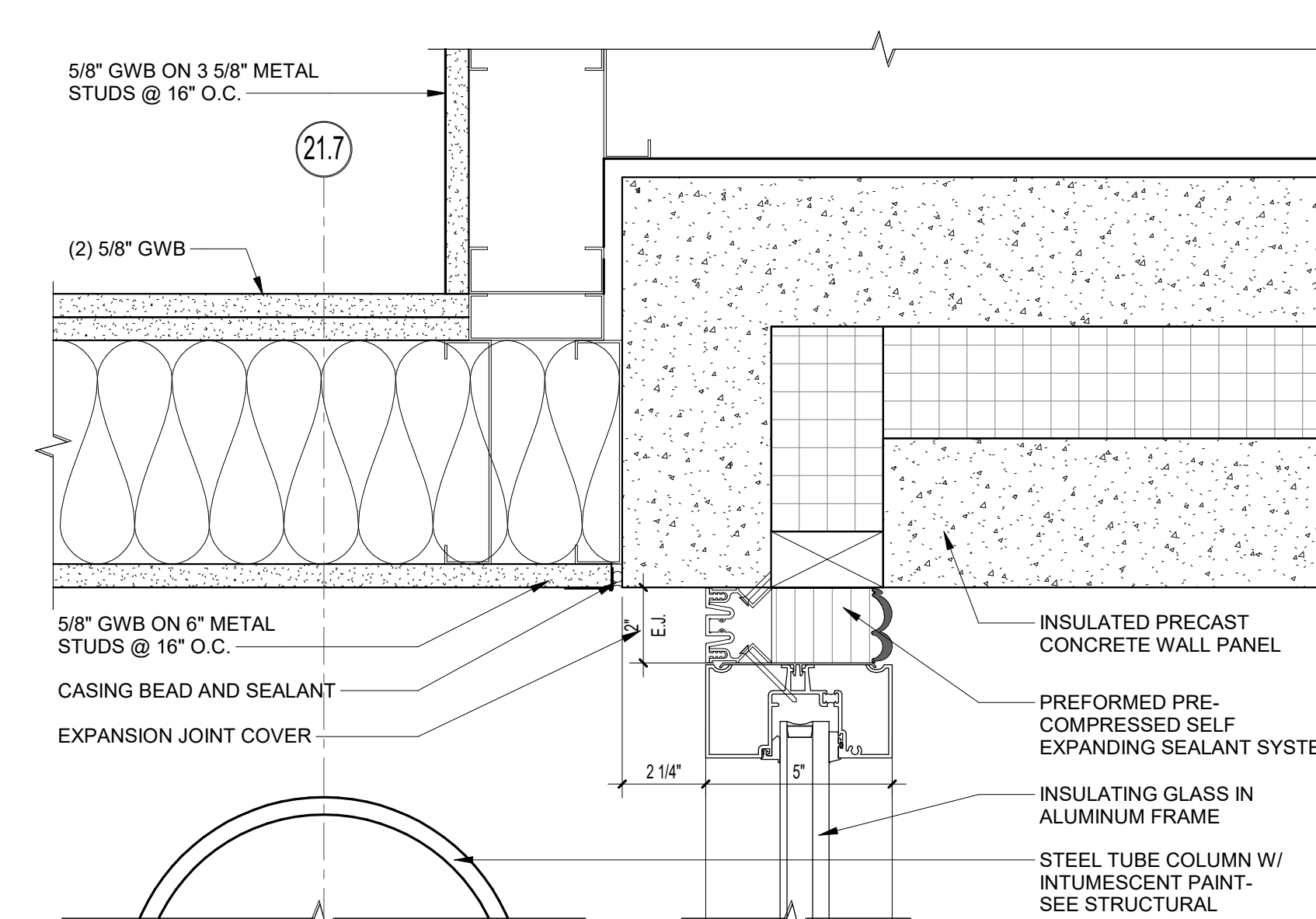
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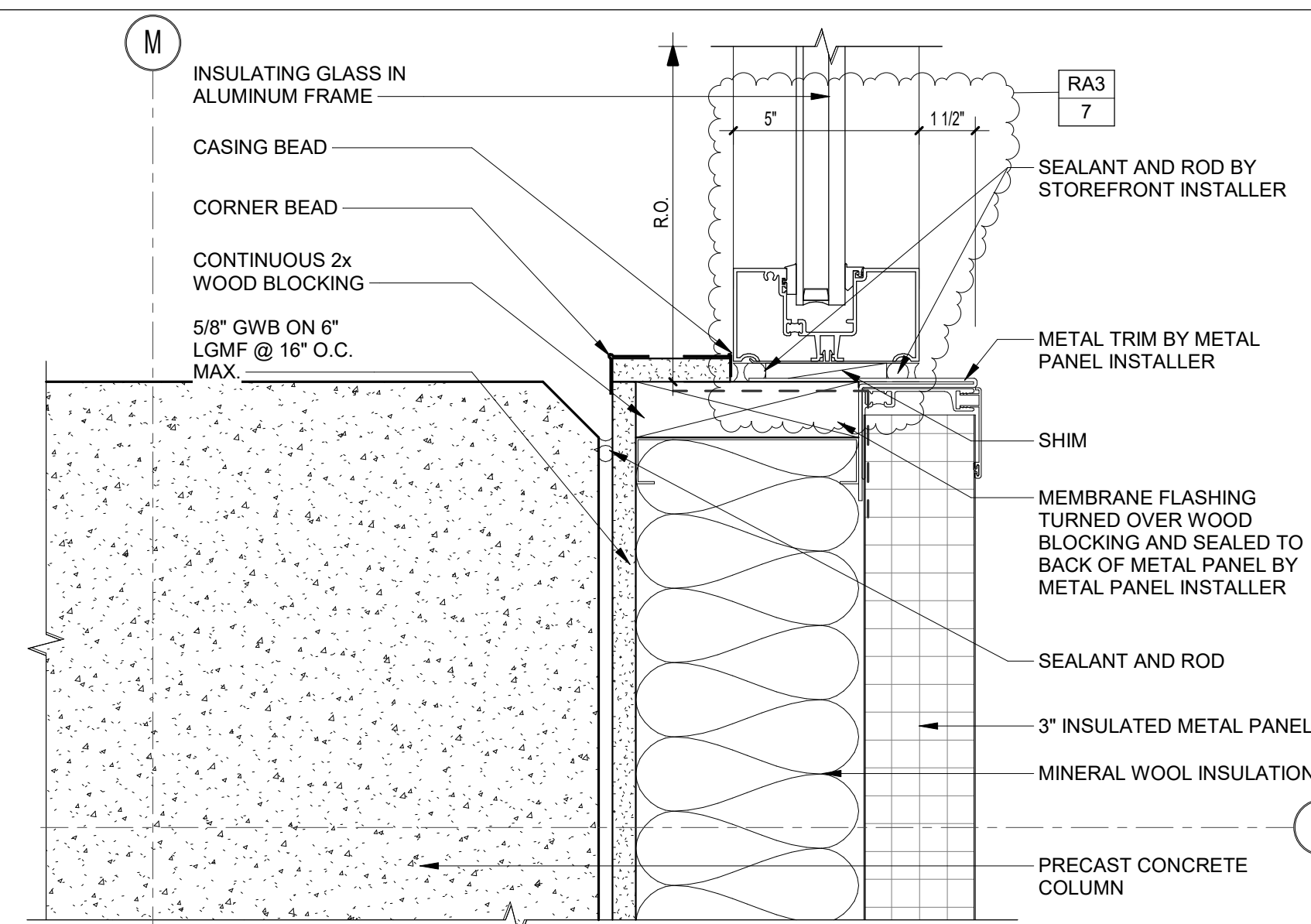
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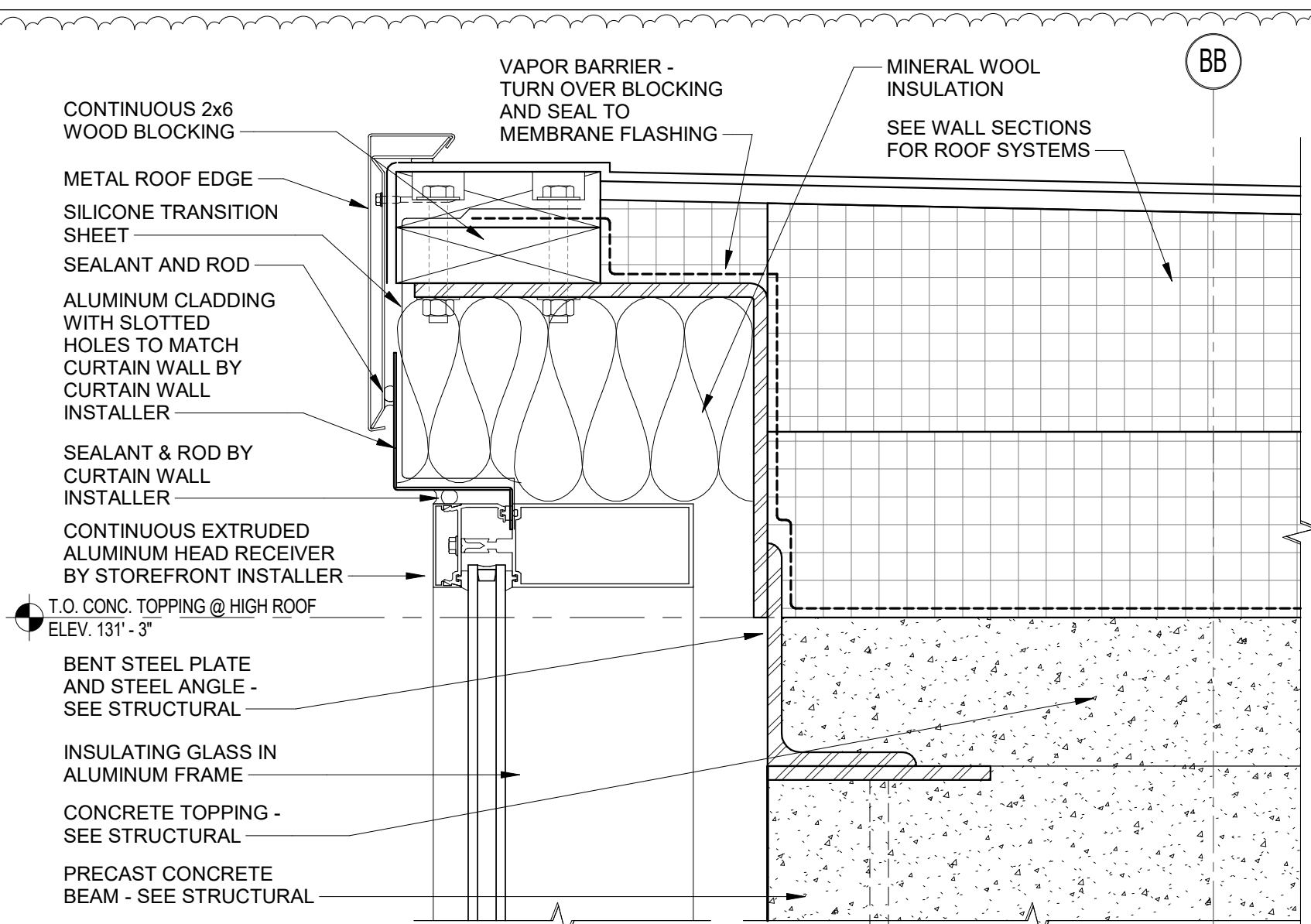
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NOTE: ALL WOOD BLOCKING AND PLYWOOD TO BE FIRE TREATED

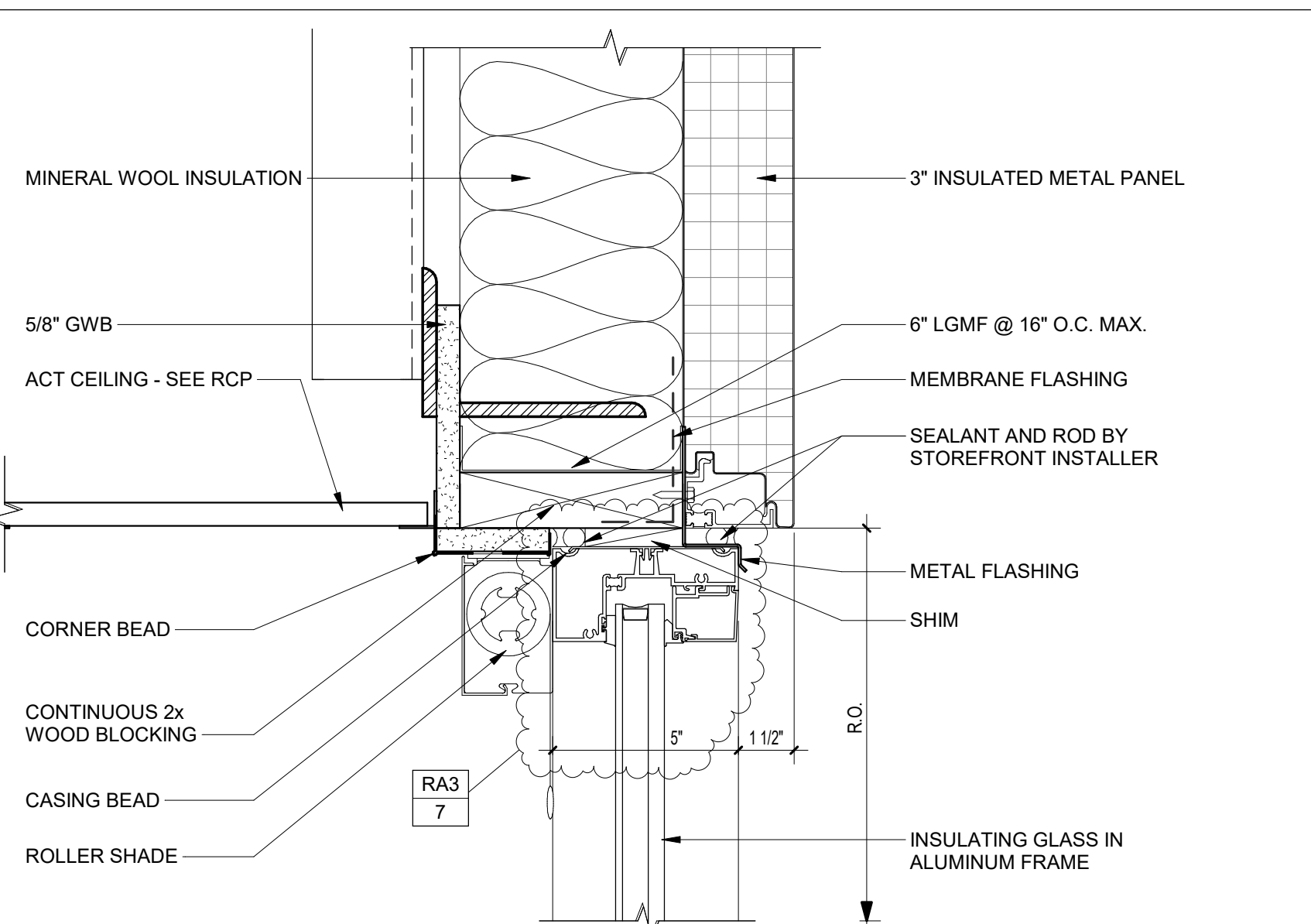
100% CONSTRUCTION DOCUMENTS		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
drawing title CURTAIN WALL AND EXTERIOR STOREFRONT DETAILS		drawing prepared by DRA ARCHITECTS 220 Colman Road, Ste 200 South Windsor, CT 06074	
drawing date 08/02/2019		date 05/24/2019	
drawing scale 3" = 1'-0"		scale 3" = 1'-0"	
drawing author RA3		author Author	
drawing approved by RA3		approved by Approver	
drawing no. RA3		drawing no. A6-3-14	
project Renovations & Additions to Platt Technical High School 400 Orange Avenue, Milford, CT 06461		project Renovations & Additions to Platt Technical High School 400 Orange Avenue, Milford, CT 06461	
CAD no. DCS project no. BART-076 CM-R		OSCGR project no. 900-0013	



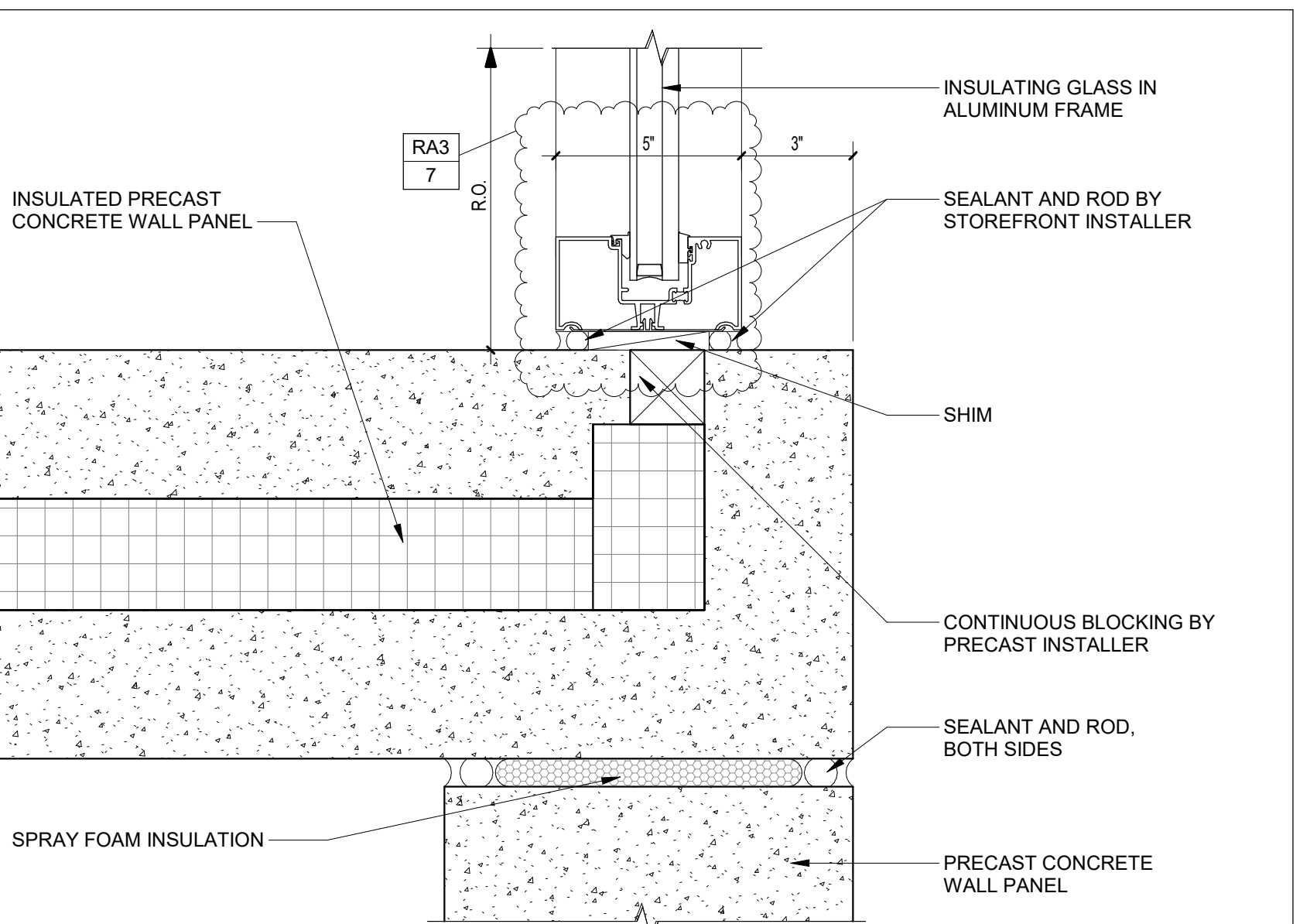
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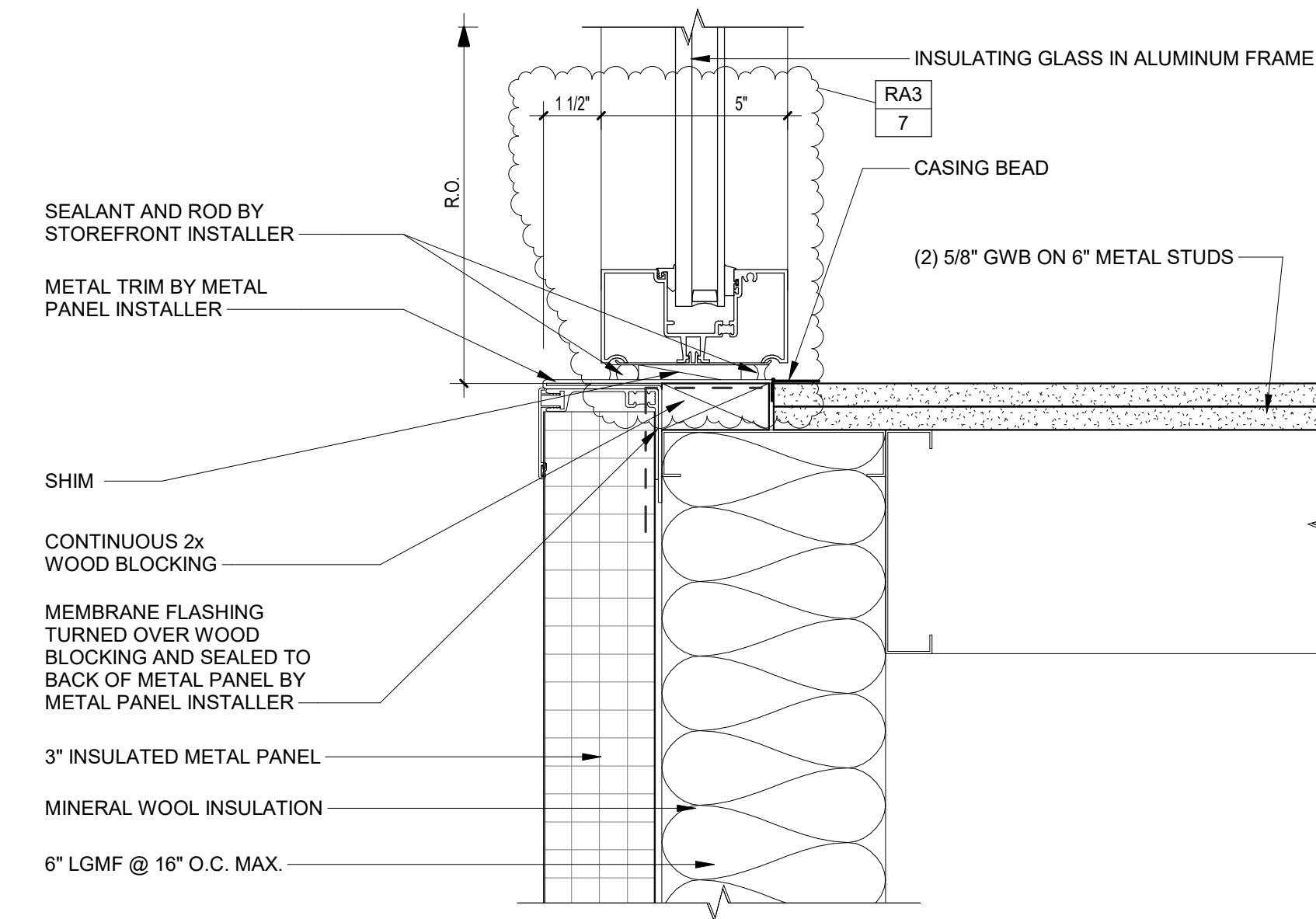
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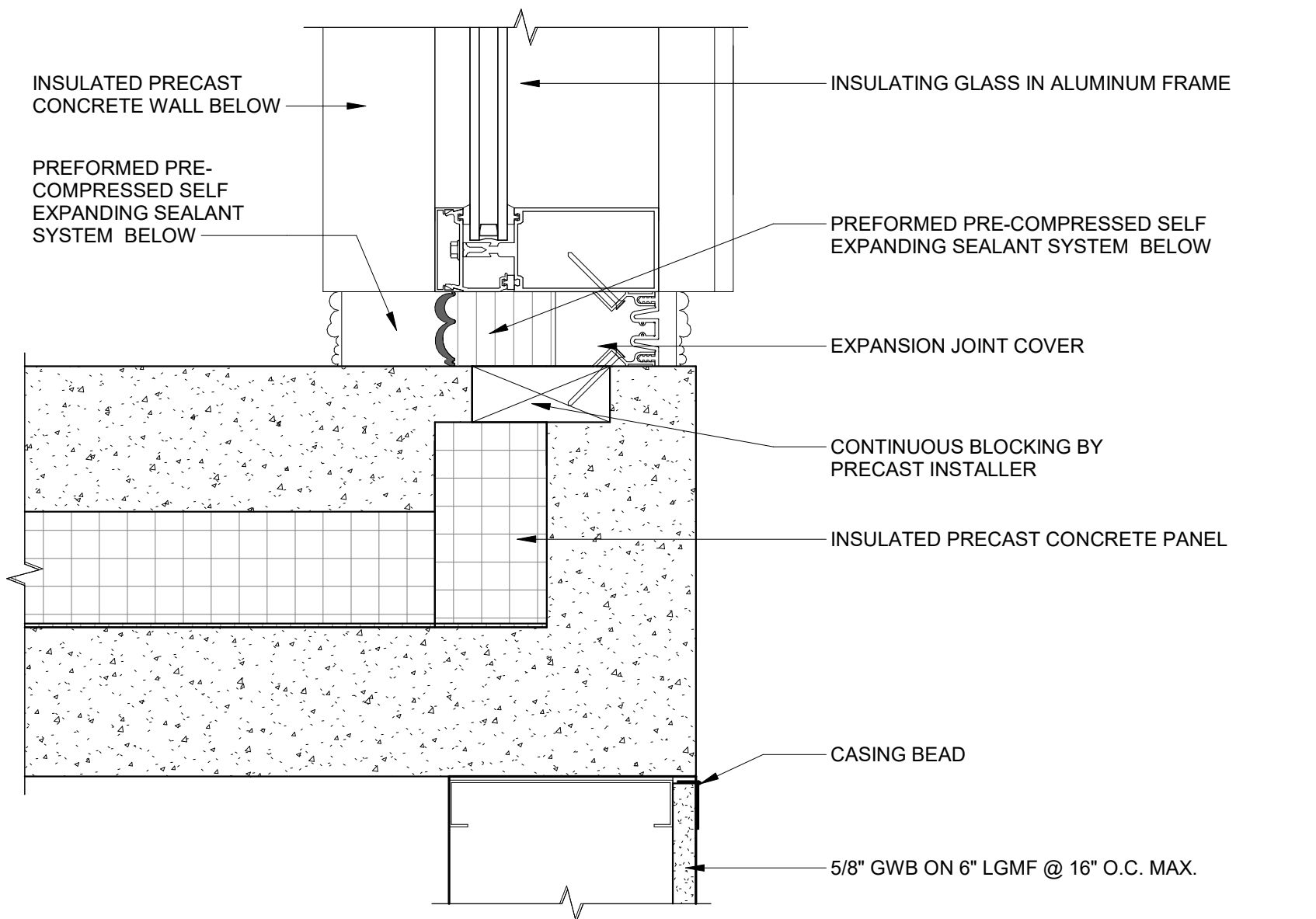
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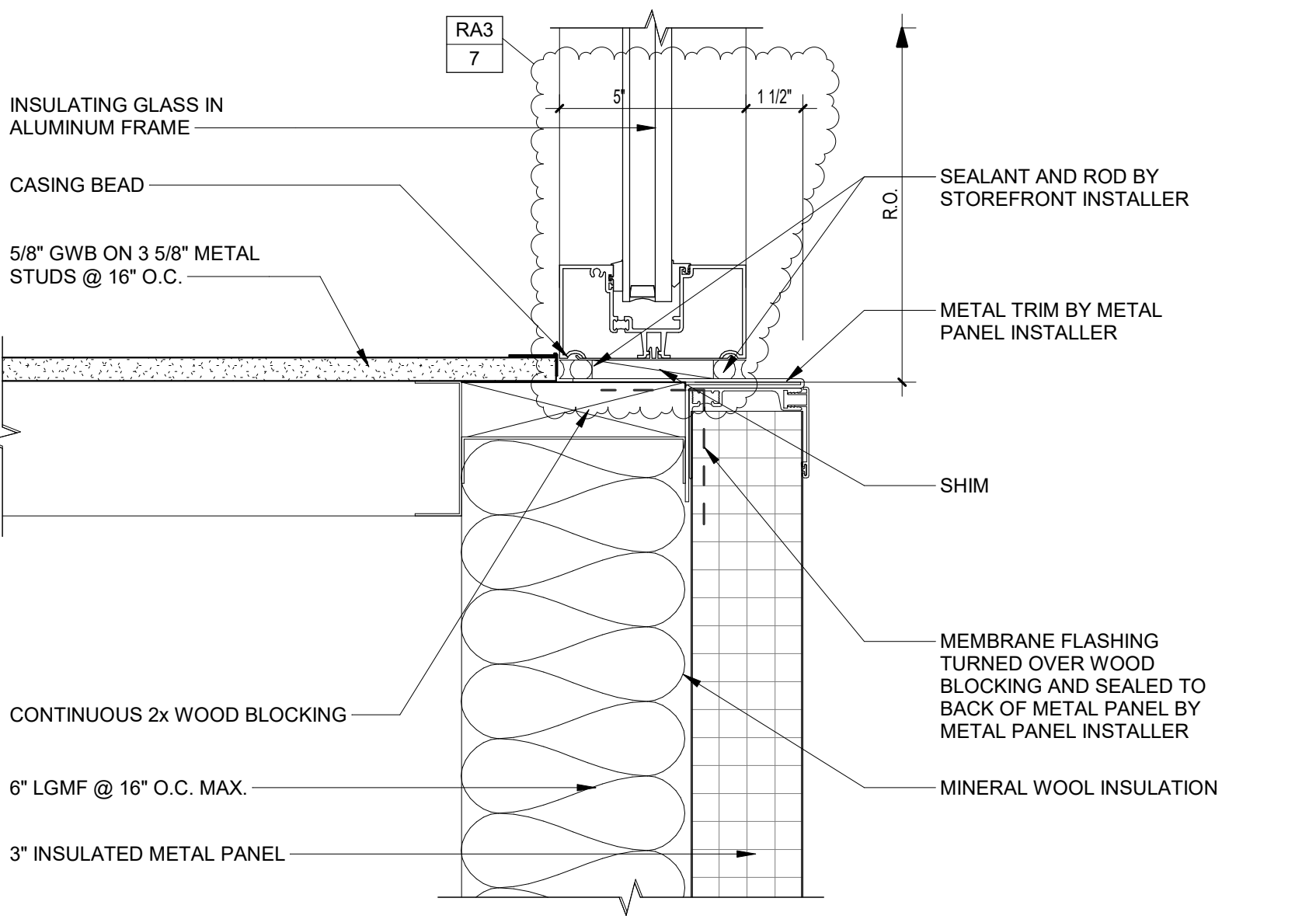
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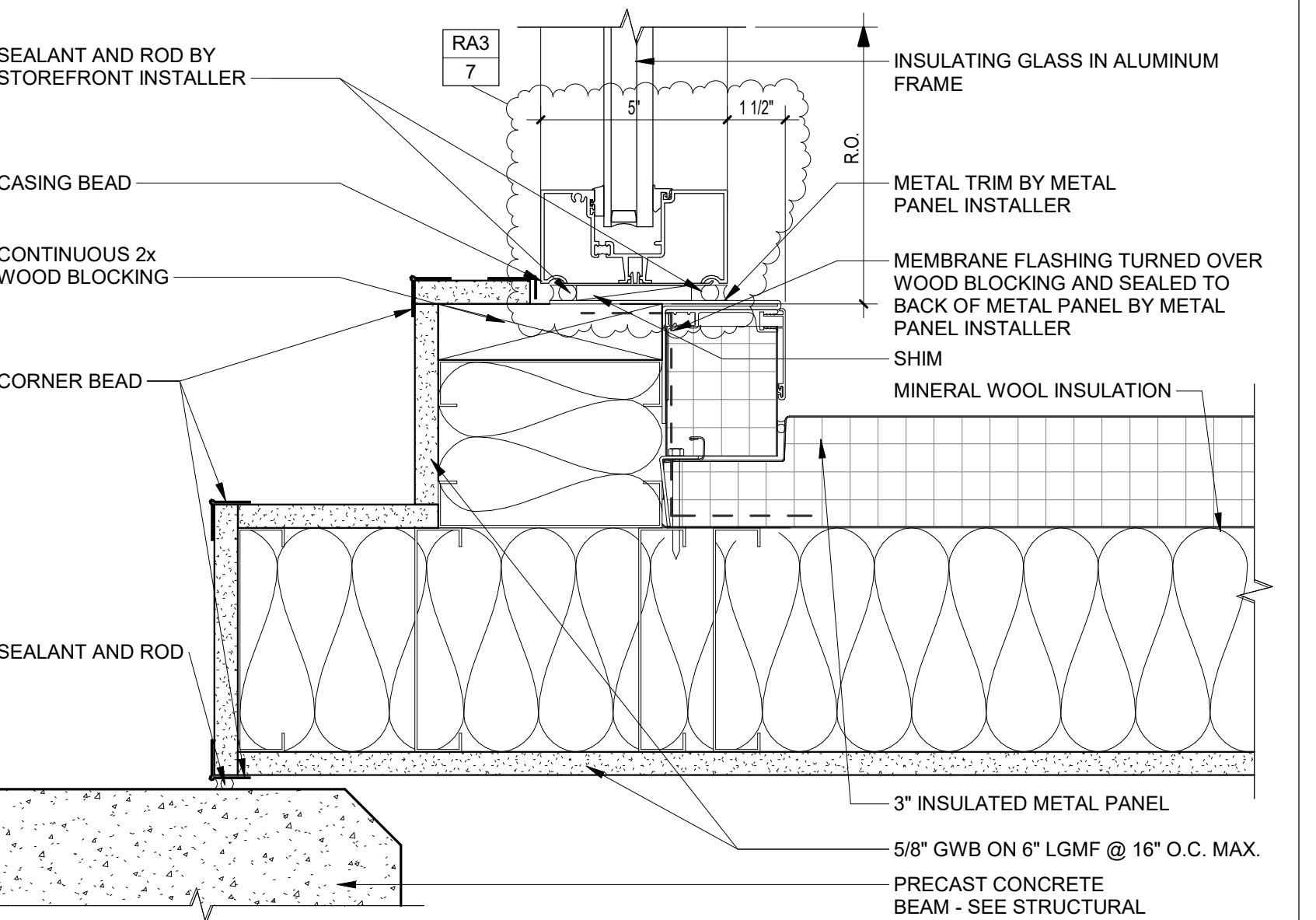
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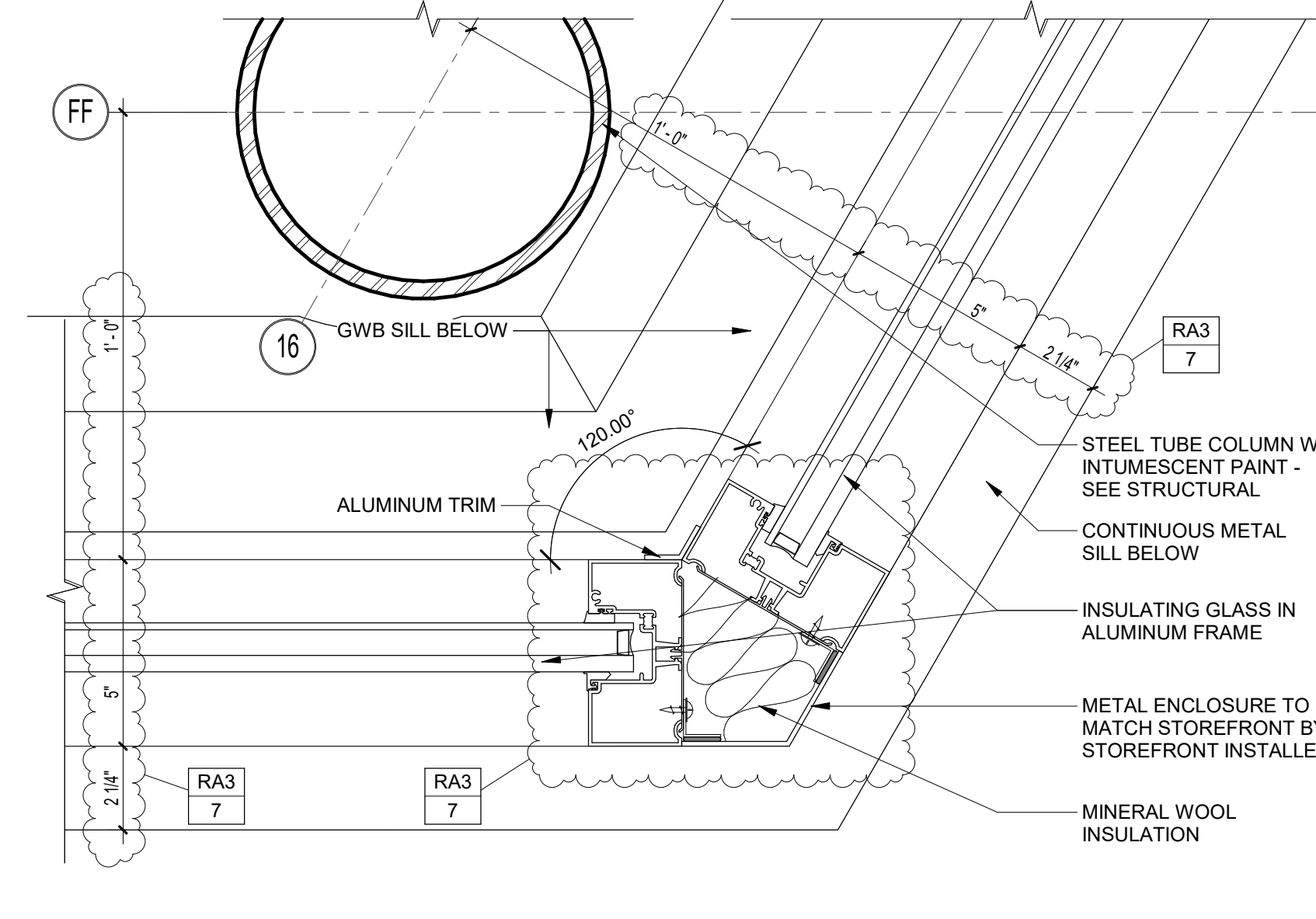
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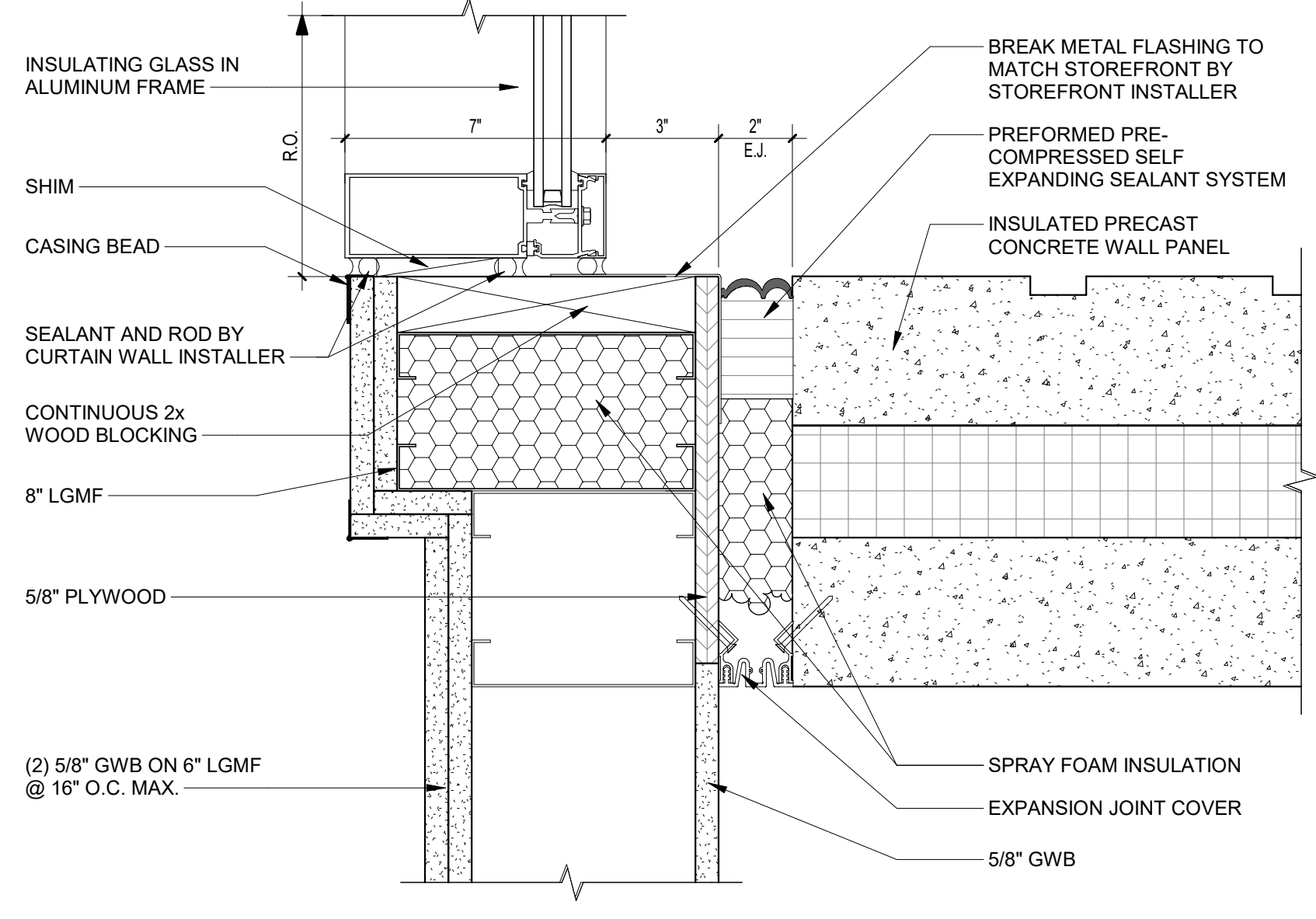
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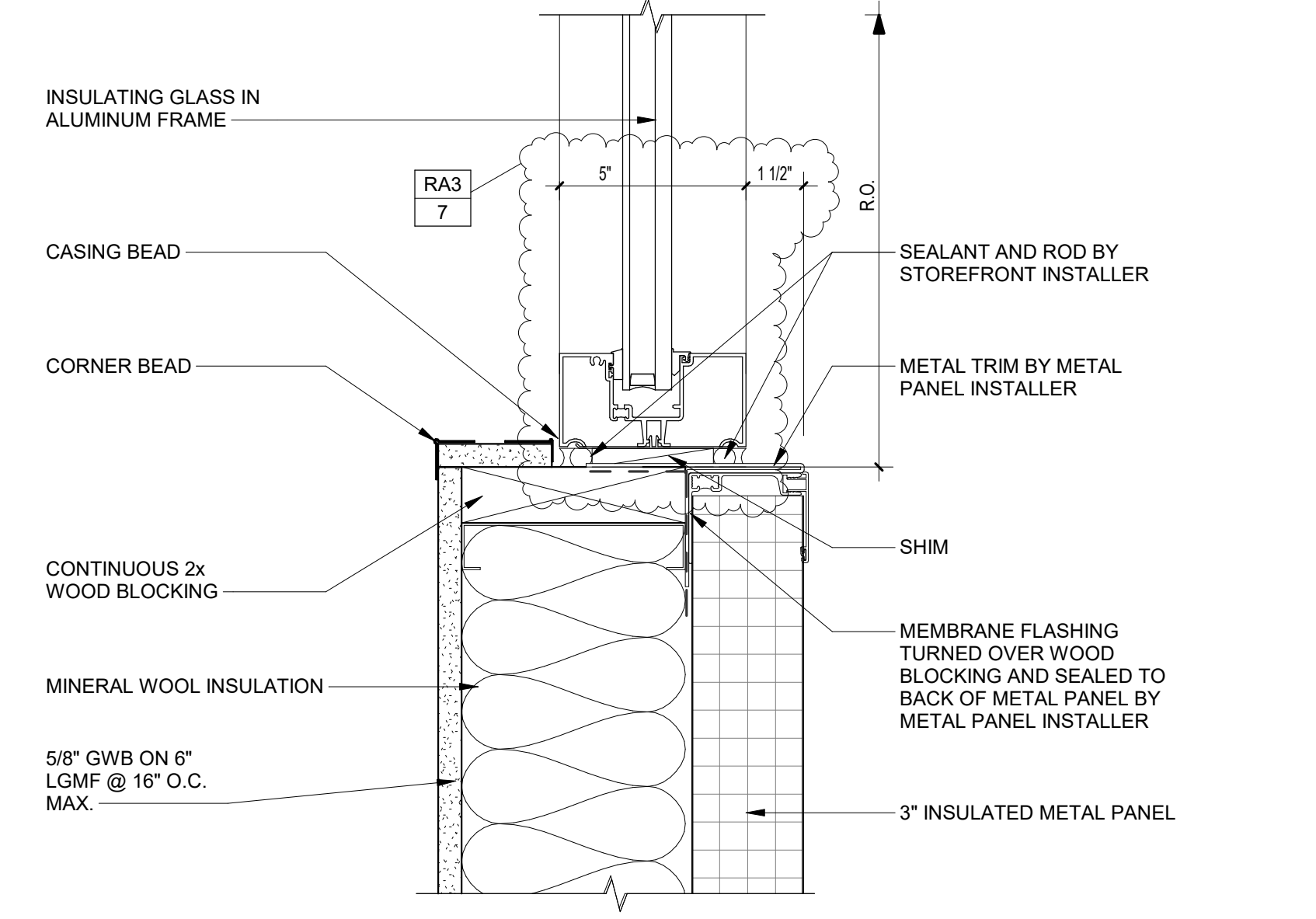
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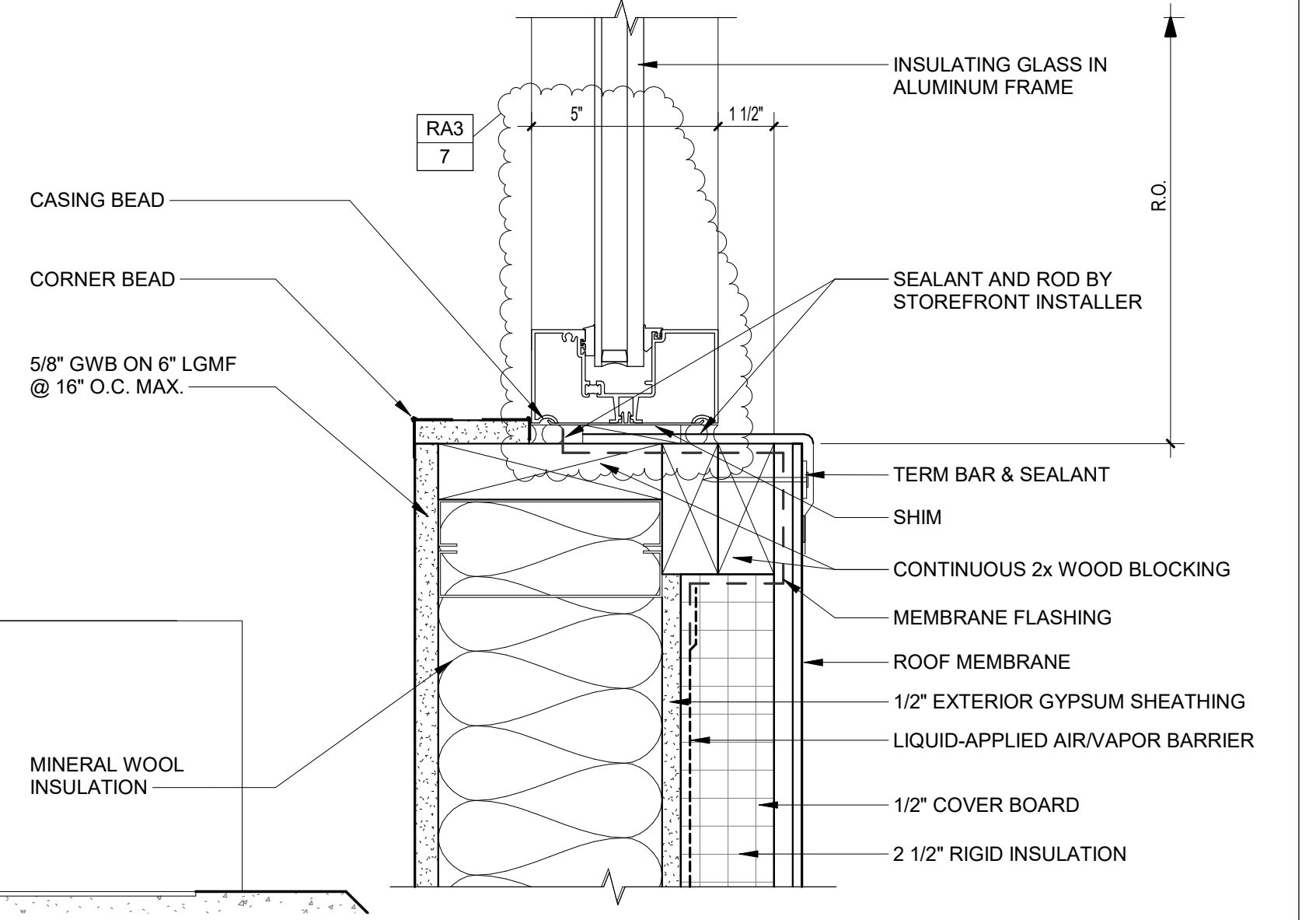
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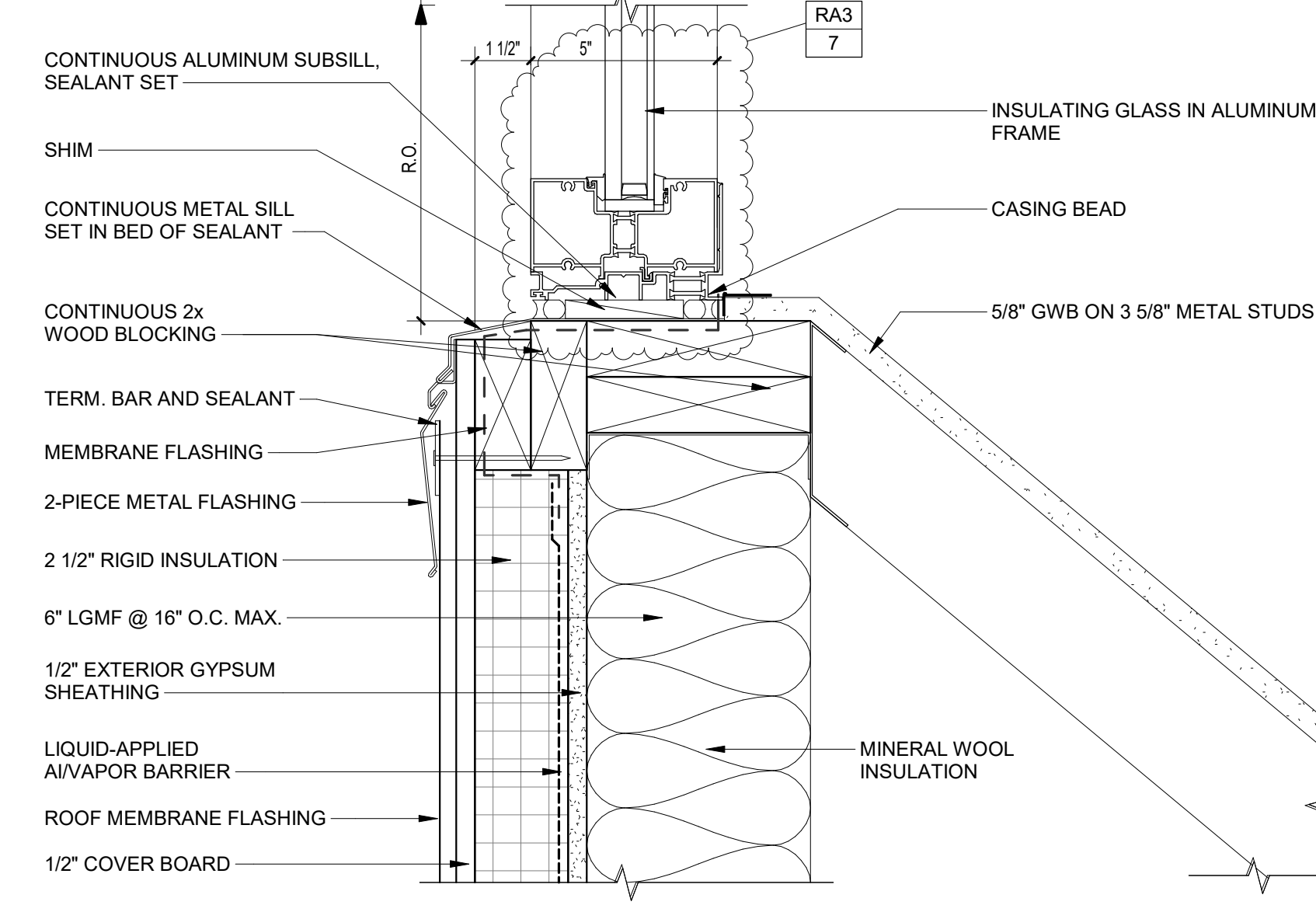
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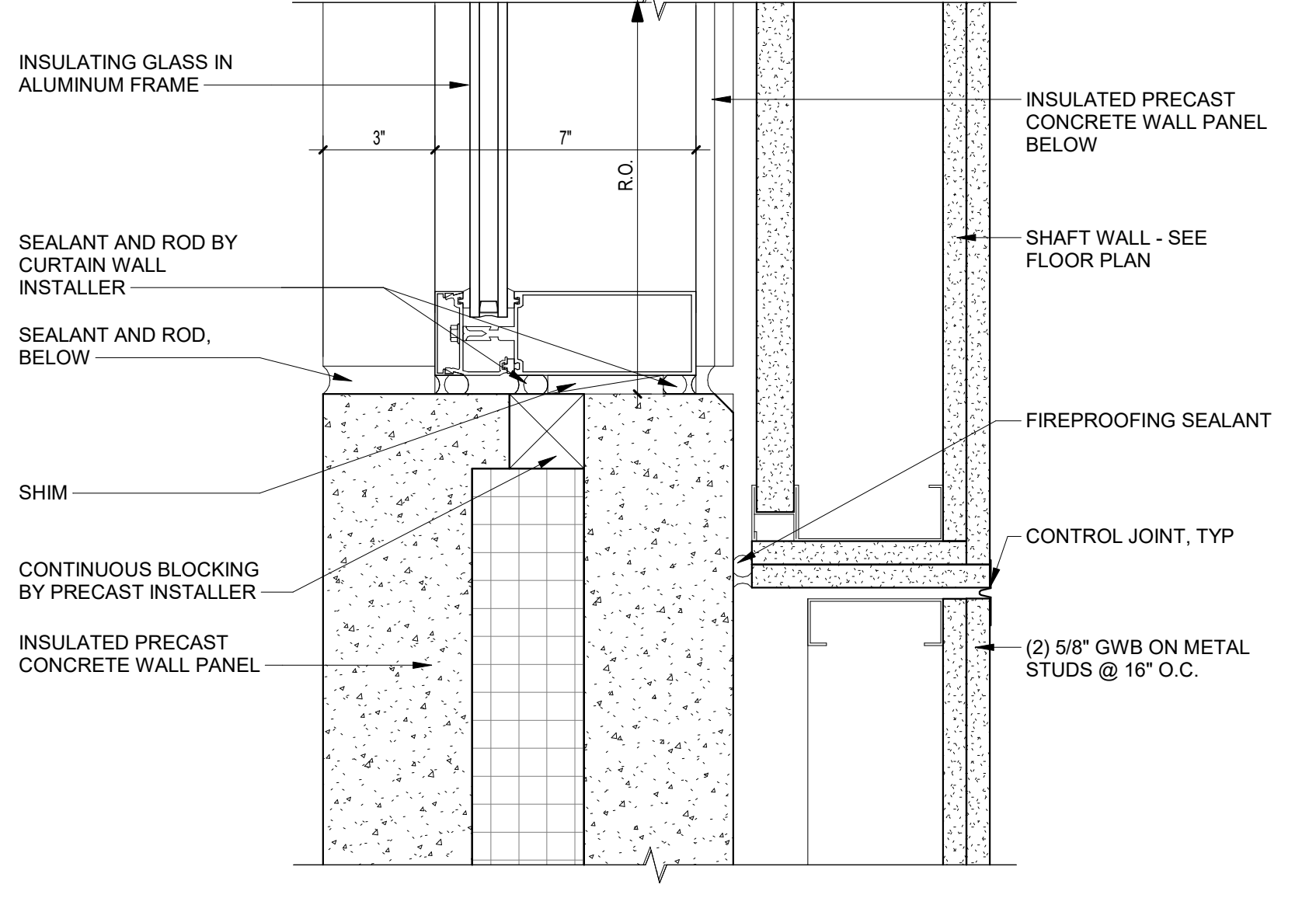
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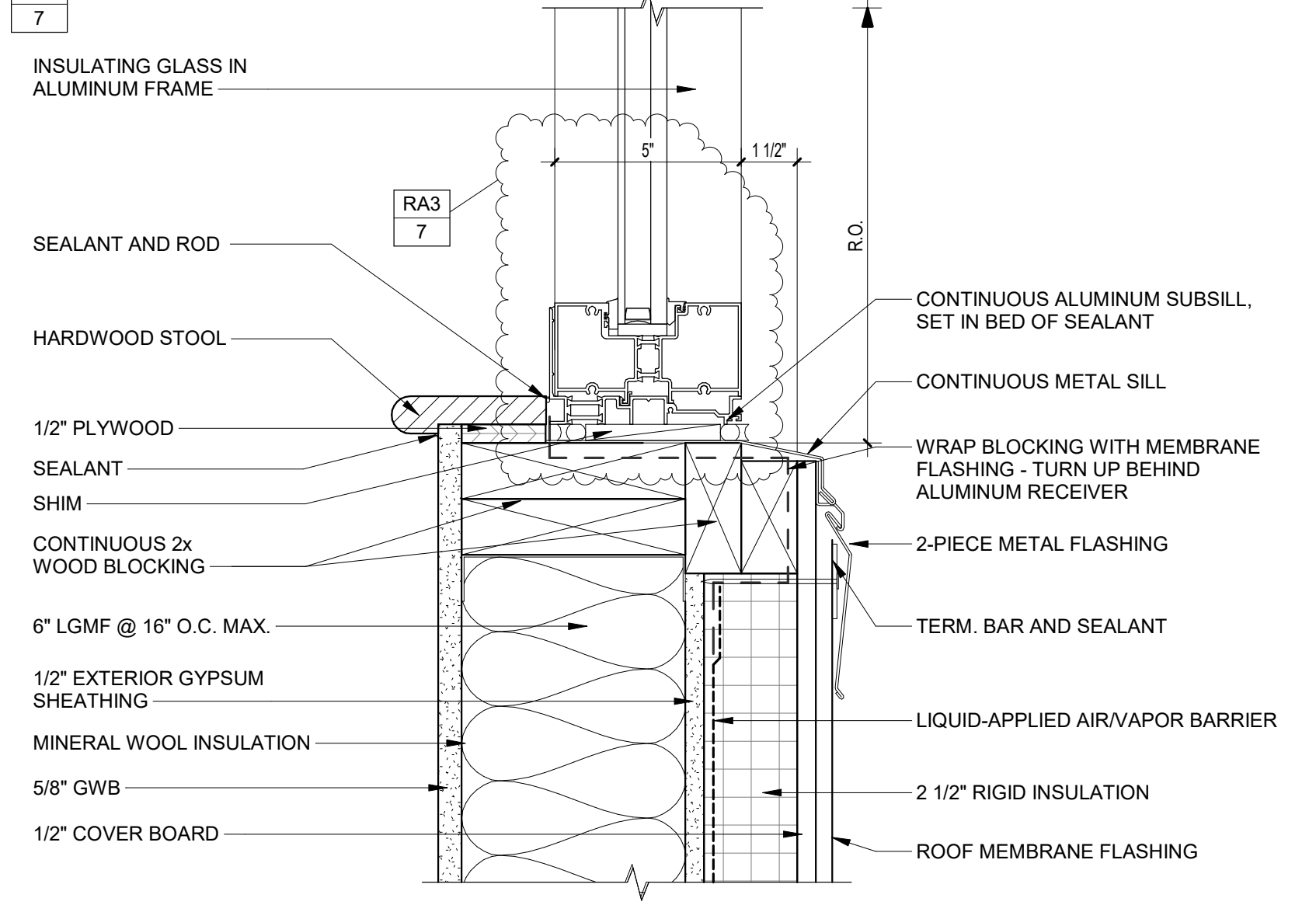
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3" = 1'-0"



3 STOREFRONT SILL DETAIL
3" = 1'-0"



2 CURTAIN WALL JAMB DETAIL
3" = 1'-0"



1 STOREFRONT SILL DETAIL
3" = 1'-0"

NOTE: ALL WOOD BLOCKING AND PLYWOOD TO BE FIRE TREATED

100% CONSTRUCTION DOCUMENTS

drawing title: CURTAIN WALL AND EXTERIOR STOREFRONT DETAILS

STATE OF CONNECTICUT
DEPARTMENT OF ADMINISTRATIVE SERVICES

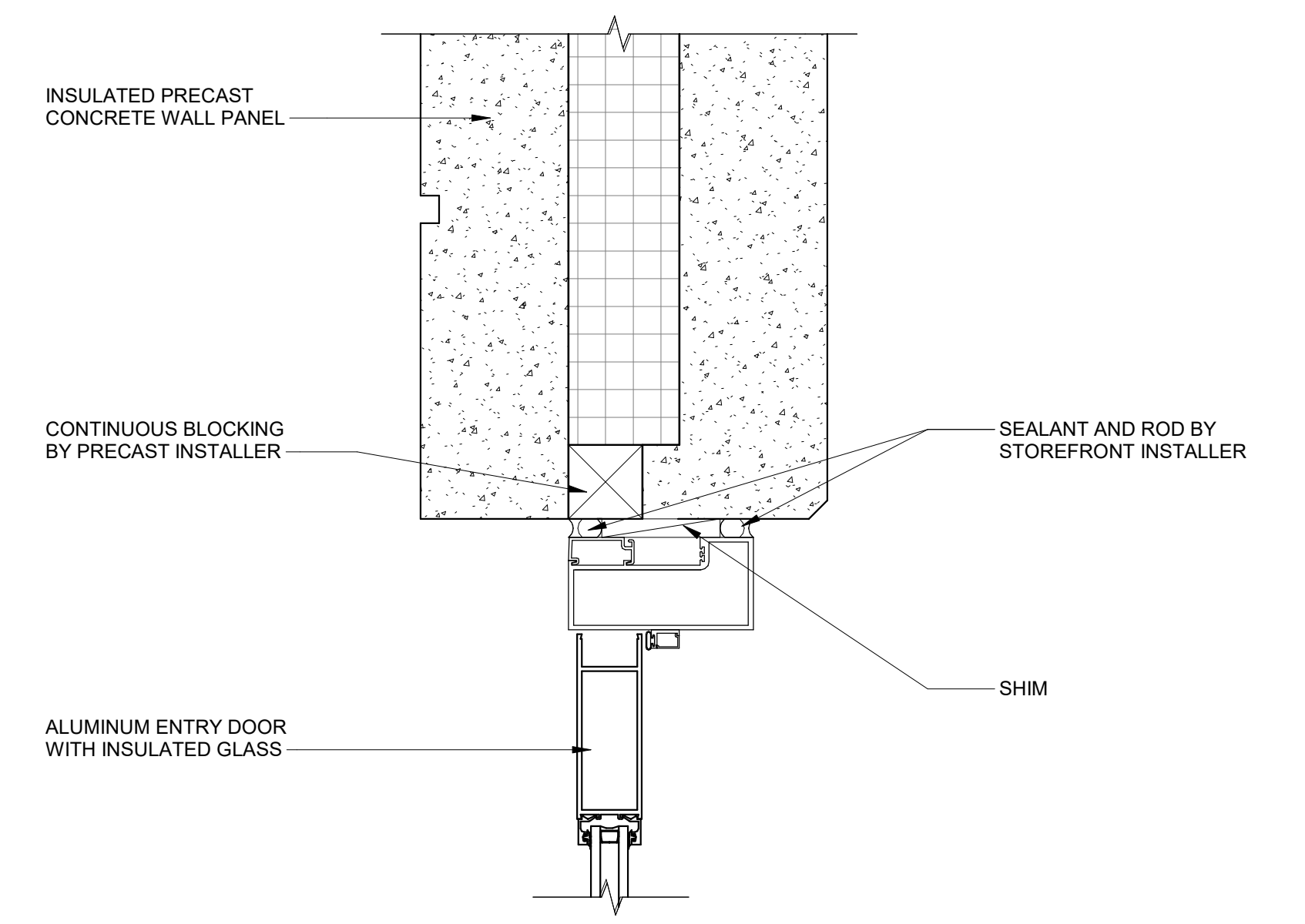
REVISIONS			date
mark	date	description	
RA3	08/20/19	Addendum No. 3	05/24/2019

drawing by: **DRA ARCHITECTS**
220 Oakland Road, Suite 205
South Windsor, CT 06074

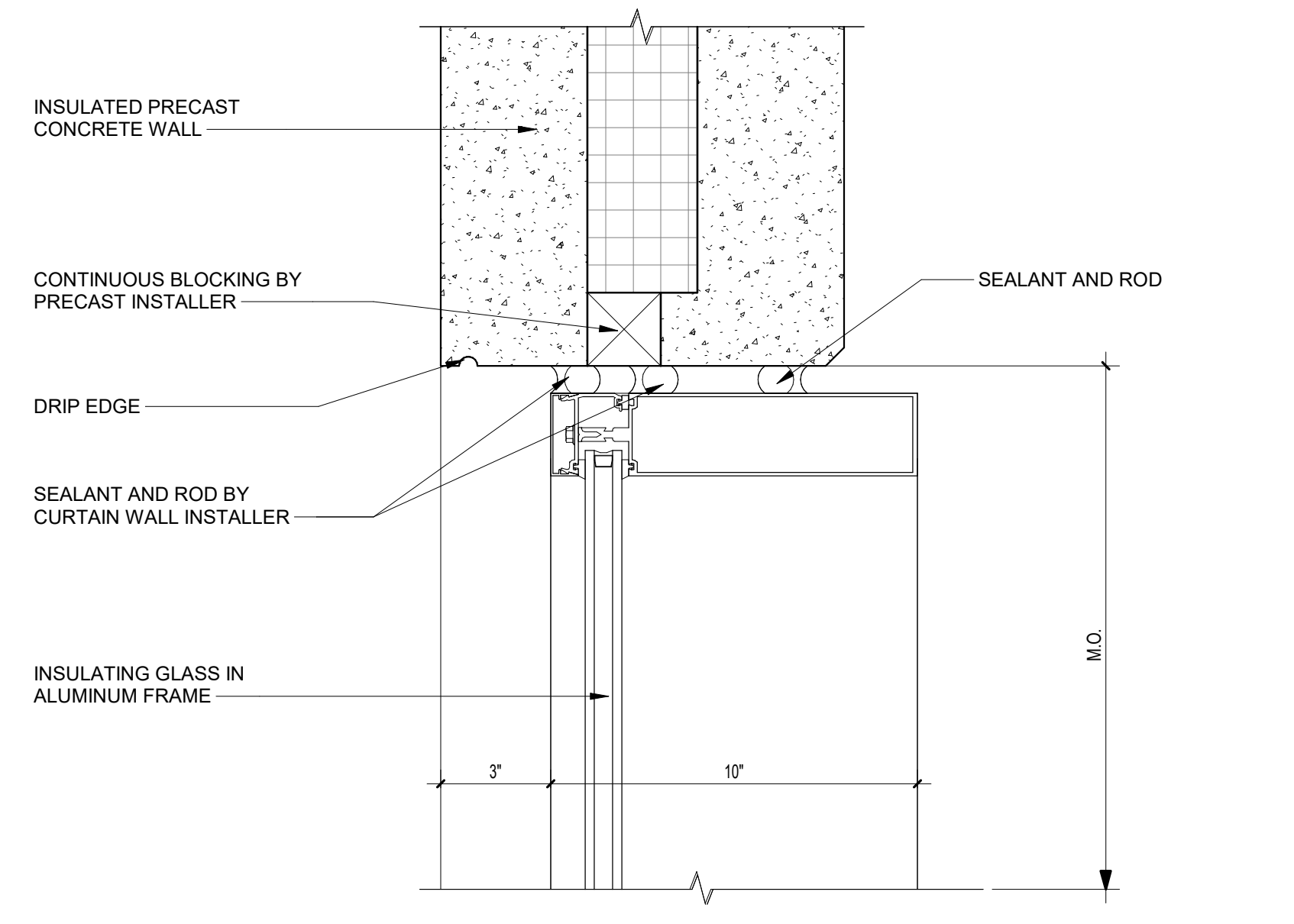
project: **Renovations & Additions to Platt Technical High School**
400 Orange Avenue, Milford, CT 06461

CAD no.: DCS project no. BR-RT-076 CM-R OSGCR project no. 900-0013

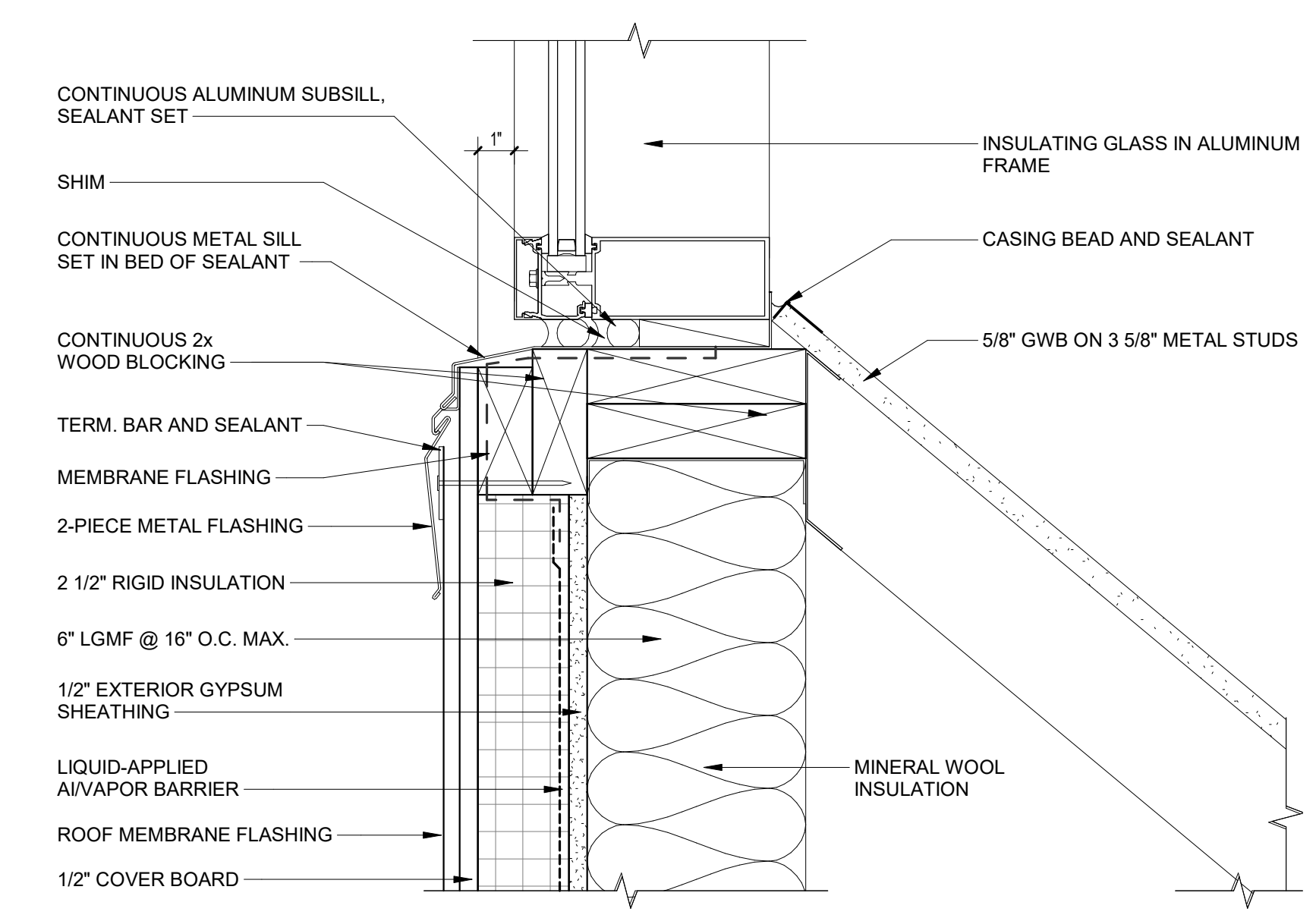
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drawing no.: **A6-3-15**



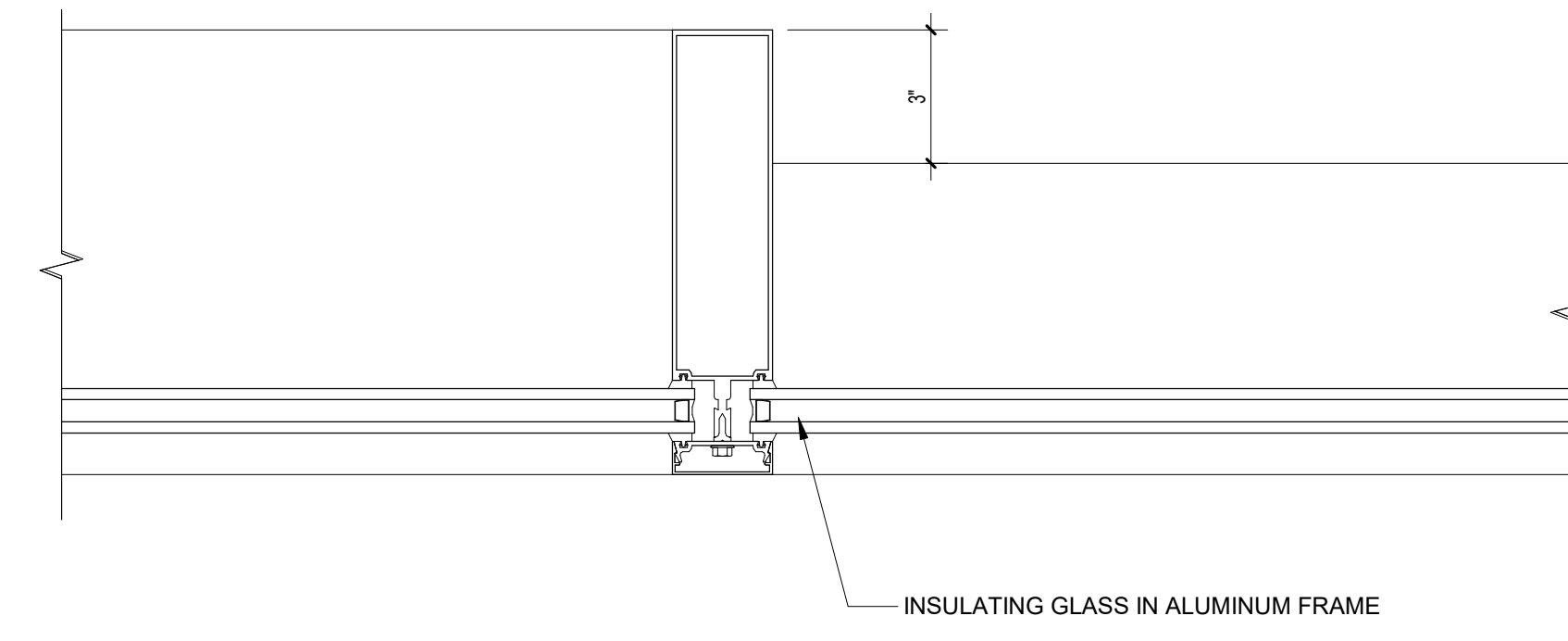
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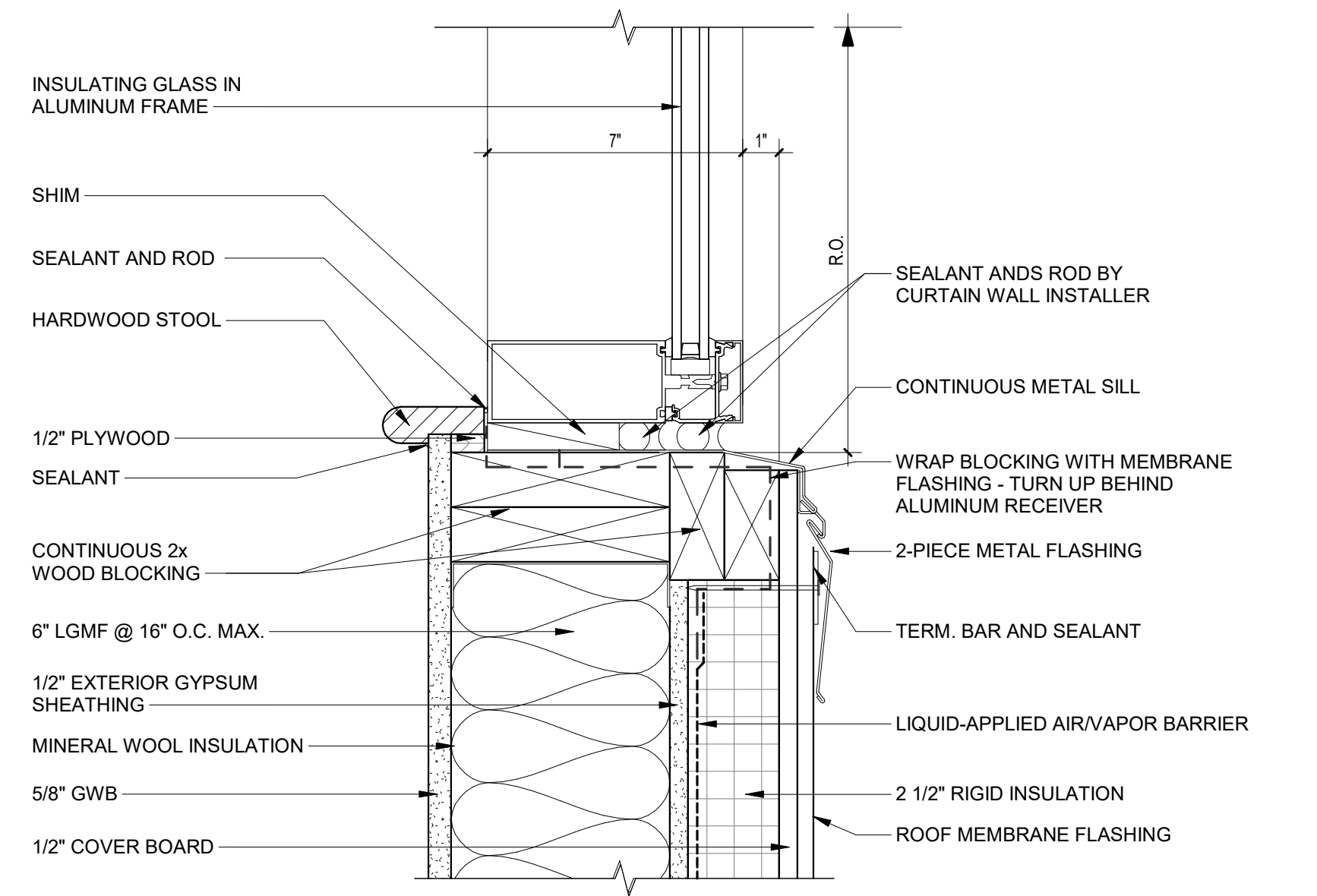
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5 CURTAIN WALL SILL DETAIL
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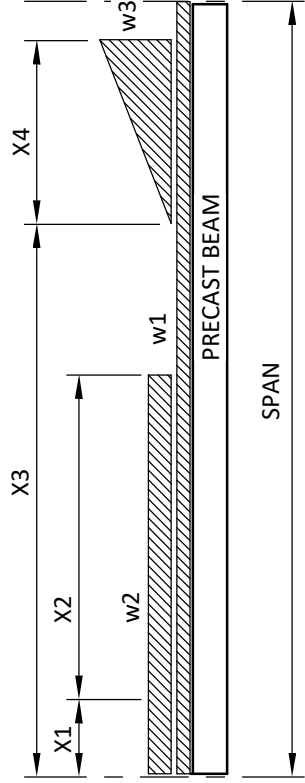
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4 CURTAIN WALL SILL DETAIL
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100% CONSTRUCTION DOCUMENTS			STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
drawing title CURTAIN WALL AND EXTERIOR STOREFRONT DETAILS			drawing prepared by DRA ARCHITECTS 220 Colman Road, Ste 200 South Windsor, CT 06074	
drawing date 08/02/2019			date 05/24/2019	
drawing description Addendum No. 3			scale 3" = 1'-0"	
drawing author RA3			drawn by Author	
drawing approver			approved by Approver	
drawing no. A6-3-21			drawing no. A6-3-21	
CAD no.			OSGCR project no. 900-0013	
DCS project no. BL-RT-076 CM-R			OSGCR project no. 900-0013	

PRECAST BEAM SCHEDULE

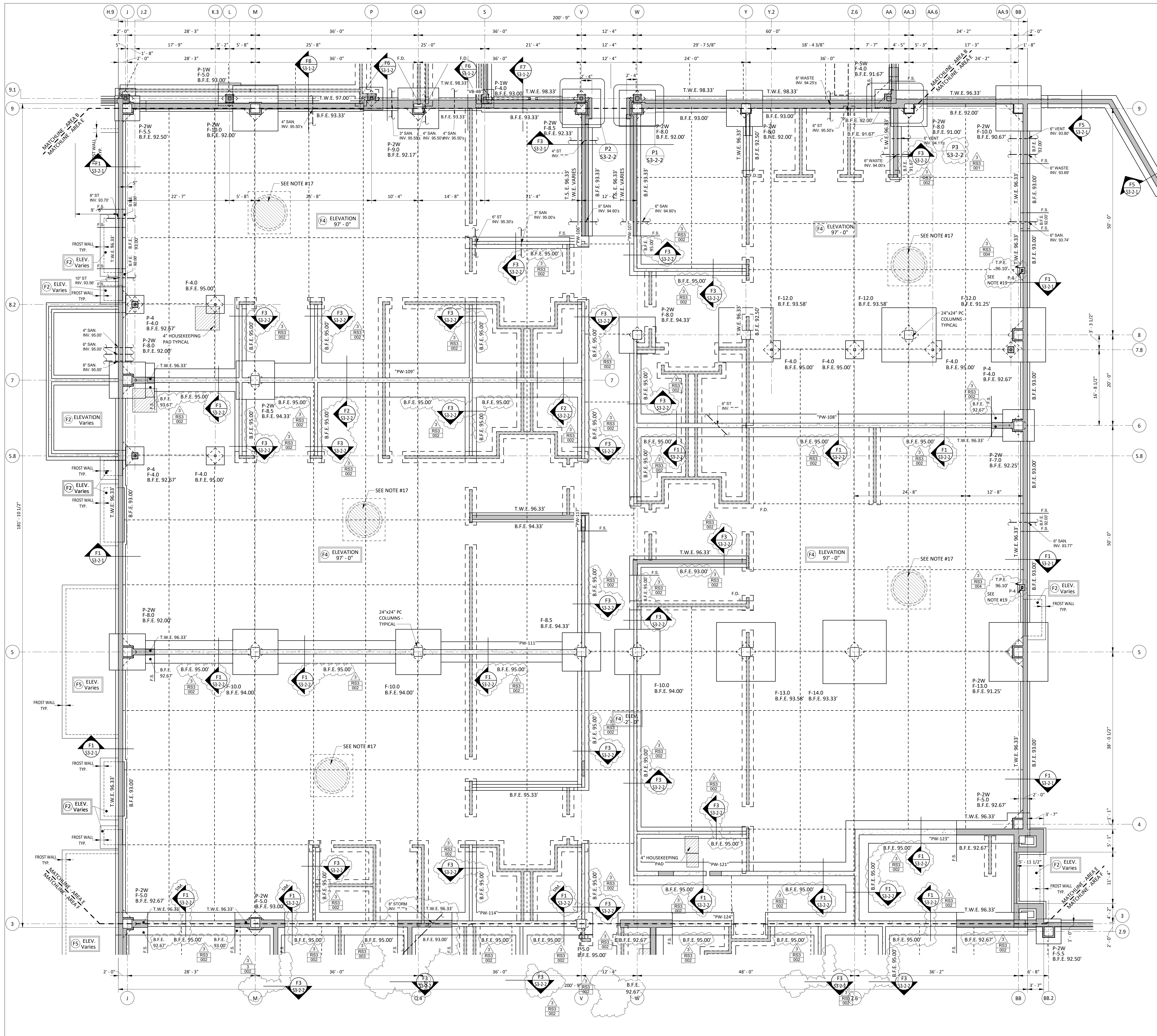


AREAS "E" & "F" SECOND FLOOR & LOW ROOF

BEAM MARK	BEAM TYPE	GRID LOCATION	LEFT GRID	RIGHT GRID	SPAN FT.	w1 K/FT		w2 K/FT			w3 K/FT			REMARKS	
						Dead	Live	X1 (FT)	X2 (FT)	Dead	Live	X3 (FT)	X4 (FT)		Dead
"PB-201"	C	9	AA.3	BB	24'-2"	4.8	1.6	---	---	---	---	---	---	---	---
"PB-202"	B	BB	3 8	9	50'-0"	1.2	0.20	---	---	---	---	---	---	---	---
"PB-203"	D	8	AA.3	BB	24'-2"	6.0	2.17	---	---	---	---	---	---	---	---
"PB-204"	D	8	Y	AA.3	36'-0"	6.1	1.96	---	---	---	---	---	---	---	---
"PB-205"	D	8	W	Y	24'-0"	6.1	2.17	---	---	---	---	---	---	---	---
"PB-206"	B	BB	6	8	20'-0"	1.2	0.20	---	---	---	---	---	---	---	---
"PB-207"	B	BB	5	6	50'-0"	1.2	0.20	---	---	---	---	---	---	---	---
"PB-208"	B	M	7	9	60'-0"	1.4	0.3	---	---	---	---	---	---	---	---
"PB-209"	B	M	5	7	60'-0"	1.4	0.3	---	---	---	---	---	---	---	---
"PB-210"	B1	J	7	9	60'-0"	1.4	0.3	---	---	---	---	---	---	---	---
"PB-211"	B1	J	5	7	60'-0"	1.4	0.3	---	---	---	---	---	---	---	---
"PB-212"	B1	J	3	5	60'-0"	1.4	0.3	---	---	---	---	---	---	---	---
"PB-213"	F	W	3	3.6	11'-1"	1.2	0.6	---	---	---	---	---	---	---	---
"PB-214"	A	5	Z.7	BB	36'-2"	7.8	2.65	---	---	---	---	---	---	---	---
"PB-215"	A	5	Y	Z.7	24'-0"	8.5	3.0	---	---	---	---	---	---	---	---
"PB-216"	A	5	W	Y	24'-0"	8.5	3.0	---	---	---	---	---	---	---	---
"PB-217"	B	BB	4	5	38'-01/2"	1.2	0.12	---	---	---	---	---	---	---	---
"PB-218"	B	J	2	3	21'-6"	1.4	0.3	---	---	---	---	---	---	---	---
"PB-219"	B	J	1	2	67'-0"	1.4	0.3	---	---	---	---	---	---	---	---
"PB-220"	C	2.9	BB.2	CC	21'-3 1/2"	2.6	0.35	---	---	---	---	---	---	---	EXTENDS OVER COLUMN BB.2
"PB-221"	B	CC	2	2.9	19'-9 1/2"	1.4	0.3	---	---	---	---	---	---	---	---
"PB-222"	B	CC	1	2	67'-0"	1.4	0.3	---	---	---	---	---	---	---	---
"PB-223"	D	2	AA.8	CC	37'-1"	8.0	2.0	---	---	---	---	---	---	---	---
"PB-224"	D	2	Z	AA.8	36'-0"	8.0	2.0	---	---	---	---	---	---	---	---
"PB-225"	D	2	X	Z	35'-0"	8.0	2.0	---	---	---	---	---	---	---	---
"PB-226"	D	2	T	X	31'-0"	8.0	2.0	---	---	---	---	---	---	---	---
"PB-227"	D	2	Q	T	24'-0"	8.0	1.6	---	---	---	---	---	---	---	---
"PB-228"	D	2	L.1	Q	36'-0"	8.0	1.6	---	---	---	---	---	---	---	---
"PB-229"	D	2	J	L.1	25'-1"	8.0	1.6	---	---	---	---	---	---	---	---
"PB-230"	C	1	AA.8	CC	37'-1"	7.2	1.3	---	---	---	---	---	---	---	---
"PB-231"	C	1	Z	AA.8	36'-0"	7.2	1.3	---	---	---	---	---	---	---	---
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"PB-234"	C	1	Q	T	24'-0"	7.2	1.3	---	---	---	---	---	---	---	---
"PB-235"	C	1	L.1	Q	36'-0"	7.2	1.3	---	---	---	---	---	---	---	---
"PB-236"	C	1	J	L.1	25'-1"	7.2	1.3	---	---	---	---	---	---	---	---
"PB-237"	B	X	1	2	67'-0"	1.4	0.3	---	---	---	---	---	---	---	---

NOTES:

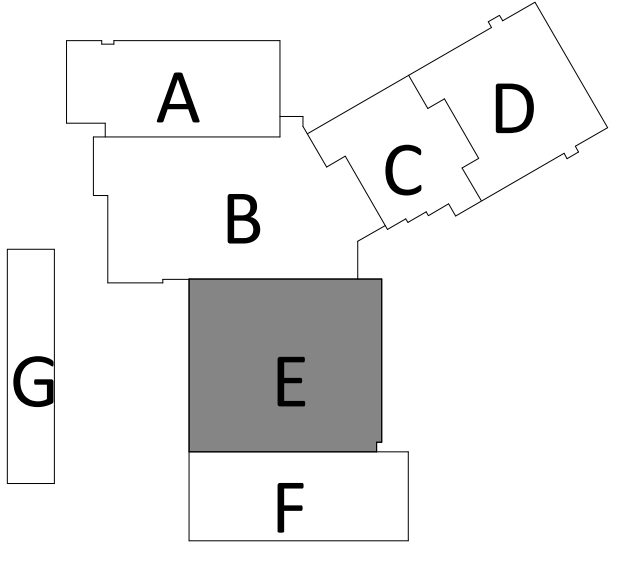
- ALL FLOOR LIVE LOADS SHOWN MAY BE REDUCED IN ACCORDANCE WITH THE REQUIREMENTS OF CONNECTICUT STATE BUILDING CODE.
- SPANDREL BEAMS AT EXTERIOR WALLS SHALL HAVE MAXIMUM LONG TERM DEFLECTION LIMITED TO SPAN/480.
- ALL BEAMS SHALL HAVE 5000 PSI, NORMAL WEIGHT CONCRETE.
- SUBMIT SEALED CALCULATIONS FOR ALL BEAM DESIGNS INCLUDING CONNECTIONS.



- FOUNDATION PLAN NOTES:**
- (F1) INDICATES 4" CONCRETE SLAB REINFORCED WITH 6X6-W1.4 X W1.4 W.W.F. ON 40 MIL HDPE VAPOR RETARDER ON 9" LAYER OF 3/4" CRUSHED STONE ABOVE A MINIMUM 7" THICK LAYER OF COMPACTED STRUCTURAL FILL - SEE SUB-SLAB DEPRESSURIZATION DRAWINGS FOR ADD'L REQUIREMENTS.
 - (F2) INDICATE 6" CONCRETE SLAB REINFORCED WITH 6X6-W2.9 X W2.9 W.W.F. ON 4" LAYER OF 3/8" CRUSHED STONE ON 12" MINIMUM LAYER OF COMPACTED STRUCTURAL FILL.
 - (F3) INDICATES 12" CONCRETE SLAB REINFORCED WITH #4@12" O.C. EACH WAY TOP AND BOTTOM 40 MIL HDPE VAPOR RETARDER ON A 6" LAYER OF 3/8" CRUSHED STONE.
 - (F4) INDICATES 6" CONCRETE SLAB REINFORCED WITH 6X6-W2.9 X W2.9 W.W.F. ON 40 MIL HDPE VAPOR RETARDER ON 9" LAYER OF 3/4" CRUSHED STONE ABOVE A MINIMUM 7" THICK LAYER OF COMPACTED STRUCTURAL FILL - SEE SUB-SLAB DEPRESSURIZATION DRAWINGS FOR ADD'L REQUIREMENTS.
 - T.W.E. INDICATES TOP OF WALL ELEVATION. DROP TOP OF WALL ELEVATION TO 8" BELOW FIN. FLOOR ELEVATION AT ALL DOOR OPENINGS - U.O.N.
 - B.F.E. INDICATES BOTTOM OF FOOTING ELEVATION.
 - C.J. INDICATES CONTROL JOINT IN CONCRETE SLAB - SEE TYPICAL DETAIL ON DRAWING S0-0-1.
 - F.S. INDICATES FOOTING STEP - SEE TYPICAL DETAIL ON DRAWING S0-0-1.
 - WHERE UTILITY LINE (I.E. SANITARY, WATER, ETC.) PENETRATE FOUNDATION WALL DROP BOTTOM OF FOOTING ELEVATION AS REQUIRED TO ALLOW UTILITY LINE TO PASS THRU FOUNDATION WALL. COORDINATE LOCATIONS AND ELEVATIONS WITH MECHANICAL AND SITE REQUIREMENTS.
 - "F.D." INDICATES FLOOR DRAIN LOCATION. SLOPE SLAB TO DRAIN MAINTAINING MINIMUM THICKNESS OF SLAB TYPE AT FLOOR DRAIN LOCATION - TYPICAL. FOR EXTENTS AND ADDITIONAL REQUIREMENTS - SEE ARCHITECTURAL AND PLUMBING DRAWINGS.
 - GENERAL CONTRACTOR SHALL COORDINATE EXACT REQUIREMENTS FOR SLAB DEPRESSIONS. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
 - GENERAL CONTRACTOR TO VERIFY ELEVATOR SHAFT DIMENSIONS AND PIT DEPTH WITH SUPPLIER PRIOR TO CONSTRUCTION OF PIT. PROVIDE 24"x24"x8" DEEP SUMP IN ELEVATOR PIT. COORDINATE EXACT LOCATION WITH ELEVATOR SUPPLIER AND ARCHITECTURAL REQUIREMENTS. DROP AND THICKEN BASE SLAB AT SUMP LOCATION TO MAINTAIN MINIMUM 12" REINFORCED CONCRETE SLAB.
 - DO NOT AIR-ENTRAIN INTERIOR SLABS ON GRADE.
 - "R.L." INDICATES VERTICAL RAIN WATER LEADER LOCATIONS - GENERAL CONTRACTOR TO COORDINATE FOOTING ELEVATIONS WITH PLUMBING SUPPLIER.
 - PREPARATIONS FOR THE FOUNDATION SYSTEM SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT PREPARED BY WELT GEOTECHNICAL, P.C. DATED DECEMBER 31, 2018.
 - ALL FOOTINGS SHALL BEAR ON A MINIMUM 6" LAYER OF 3/8" CRUSHED STONE TYP.
 - PROVIDE 8" THICK REINFORCED CONCRETE SLAB ABOVE RADON SUCTION PITS TYPICAL - COORD. ADD'L REQUIREMENTS WITH SUB SLAB DEPRESSURIZATION DRAWINGS AND SEE TYPICAL SLAB REINF. DETAIL ON DRAWING S0-0-2.
 - ALL CONDUITS OR PIPING SHALL BE PLACED BELOW THE STRUCTURAL SLAB, NO CONDUIT OR PIPING SHALL BE PLACED WITHIN THE STRUCTURAL SLAB.

19. HSS6x4x3/8 SUPPORT WITH 12"x3/4"x10" BASE PLATE ON 1/4" LEVELING PLATE (SAME SIZE) ON 1" PAD NON-SHRINK GROUT WITH (4)-3/4"x1-0" ANCHOR BOLTS

- FIREPROOFING NOTES:**
- HSS COLUMNS AND BEAMS SUPPORTING MEZZANINES AT E101 (PLUMBING), E114 (ELECTRICAL), AND E120 (HVAC) TO RECEIVE 2-HOUR FIRE RATING BY INTUMESCENT MASTIC FIREPROOFING.
 - HSS STEEL AT STAIR 5 TO RECEIVE 2-HOUR FIRE RATING BY INTUMESCENT MASTIC FIREPROOFING.



100% CONSTRUCTION DOCUMENTS

drawing title: FOUNDATION PLAN - AREA E

STATE OF CONNECTICUT
DEPARTMENT OF ADMINISTRATIVE SERVICES

mark	date	description	date
3	06/02/2019	ADDENDUM #3	05/24/2019

drawing prepared by: SZEWCZAK ASSOCIATES
300 Main Street, Avon, CT 06011

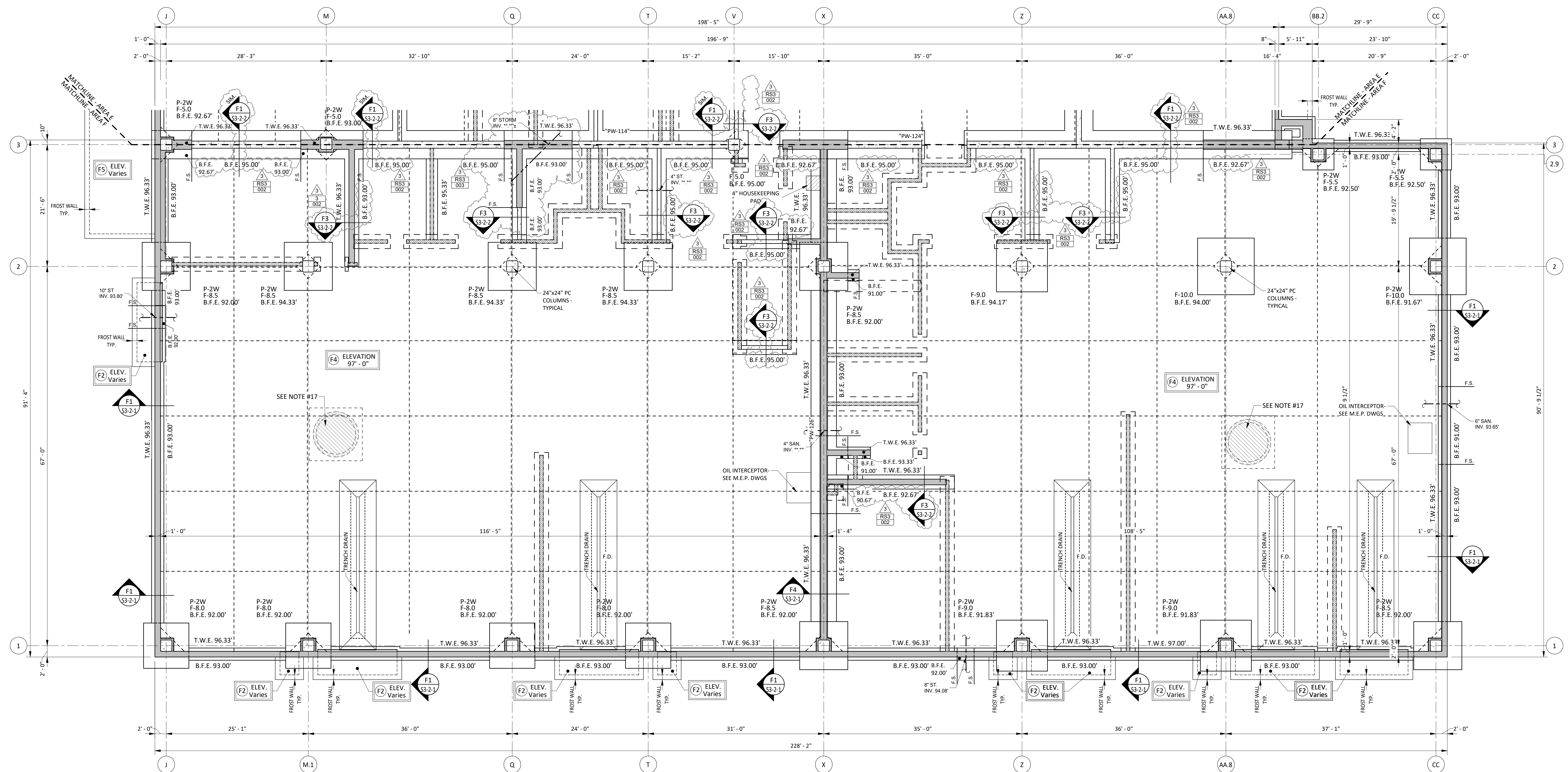
project: ADDITIONS AND RENOVATIONS PLATT TECHNICAL HIGH SCHOOL
600 Orange Avenue, Middletown, CT 06461

CAD no.: DCS project no. 18-RT-076 CM-R

OSCRG project no.: 900-0013

date: 05/24/2019
scale: As Indicated
drawn by: jpc
approved by: psc
drawing no.: S1-1-1E

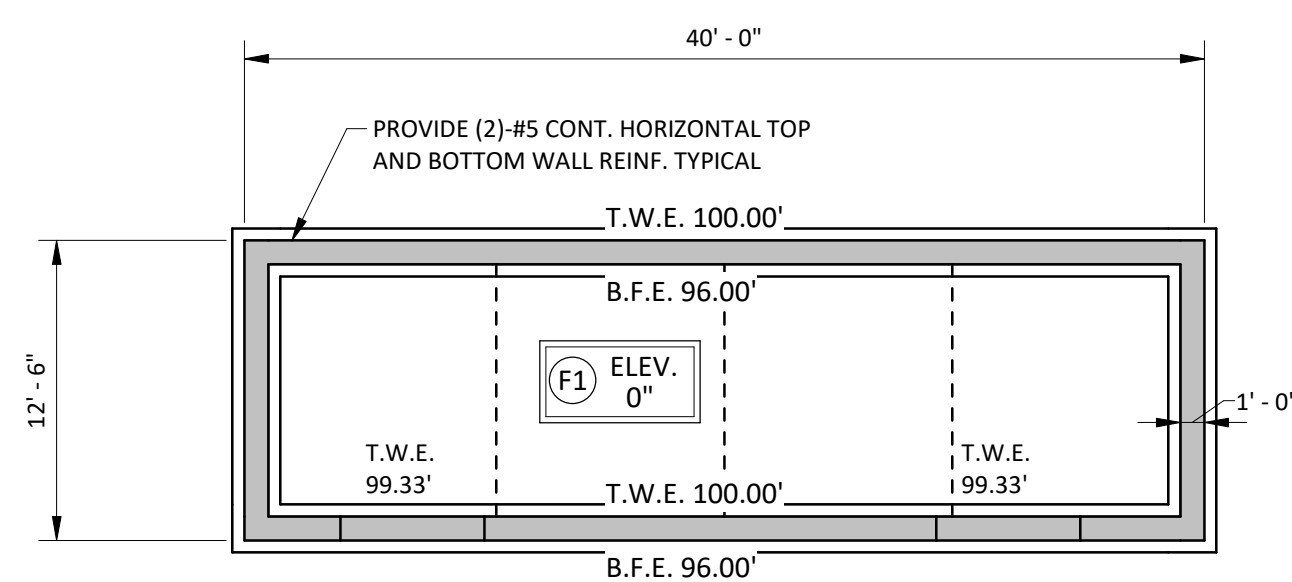
FOUNDATION PLAN - AREA E
SCALE: 1/8" = 1'-0"



FOUNDATION PLAN - AREA F

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

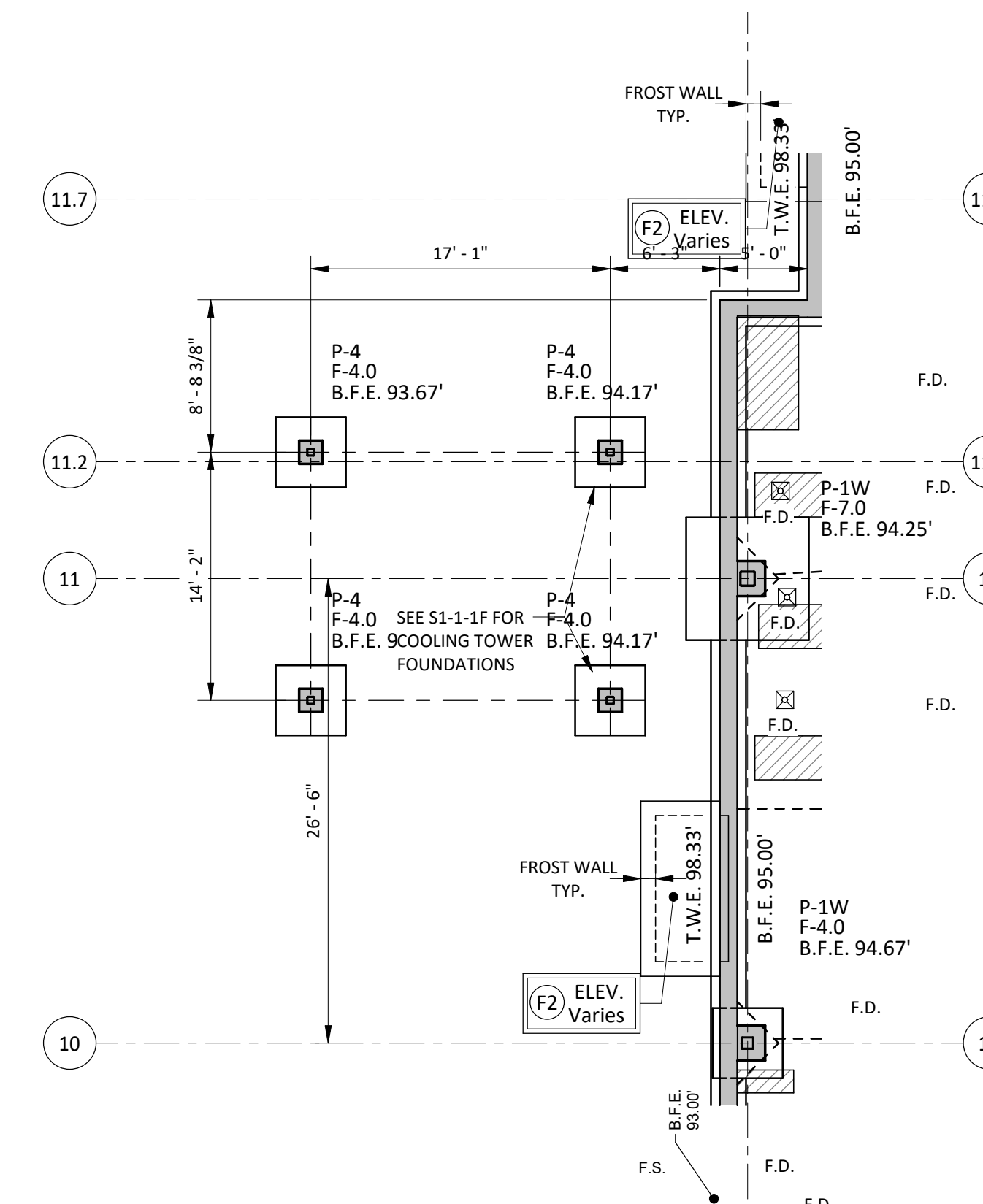
- NOTES:
- FOR PLAN NOTES SEE SHEET S-1-1-A FOUNDATION PLAN - PART A



FOUNDATION PLAN - STORAGE BUILDING

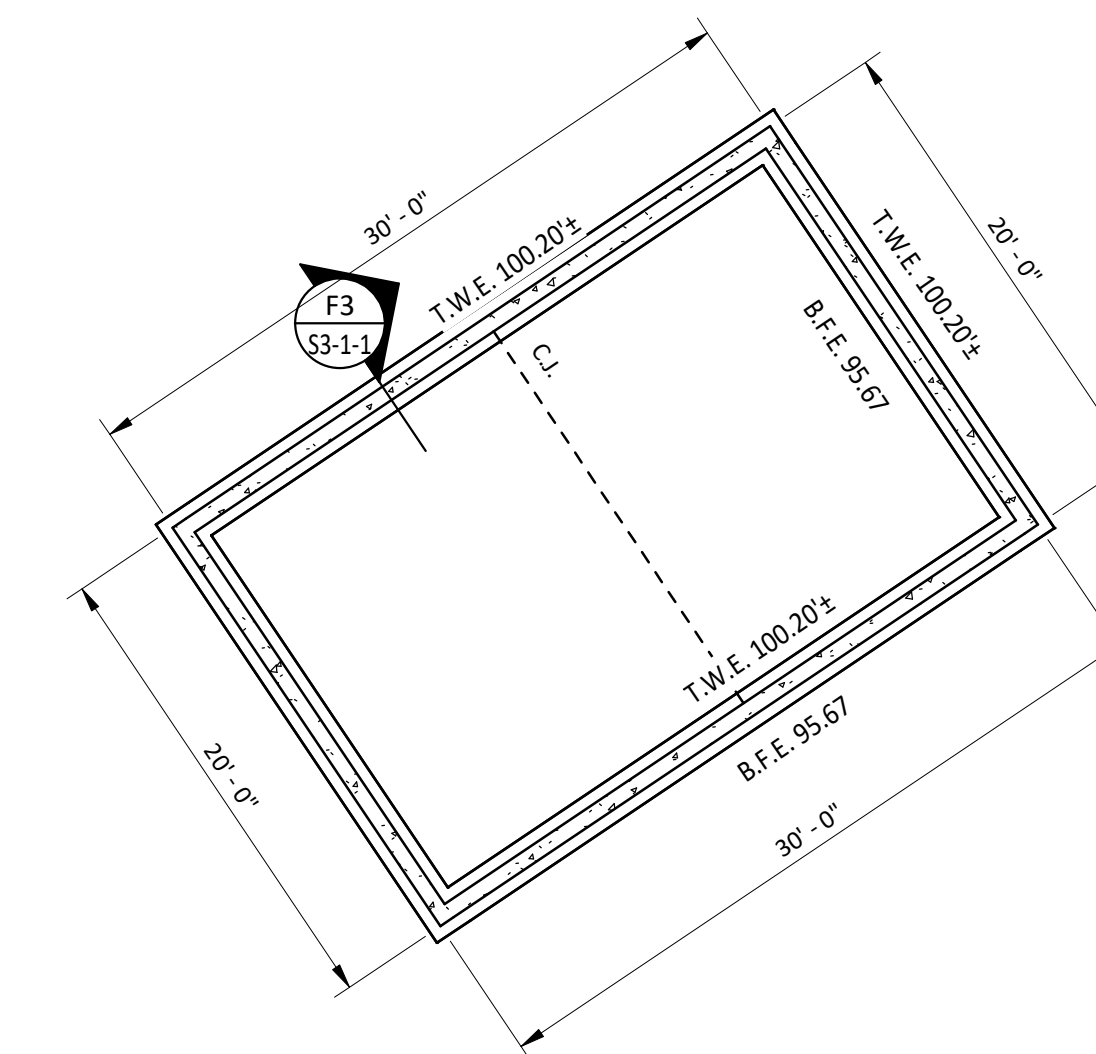
SCALE: 1/8" = 1'-0"

- NOTES:
- STORAGE BUILDING FOUNDATIONS ARE INCLUDED UNDER SUPPLEMENTAL BID NO. 1.
 - TOP OF SLAB ELEVATION 100'-0" IS A REFERENCE ELEVATION FOR ACTUAL ELEVATIONS SEE SITE DRAWINGS



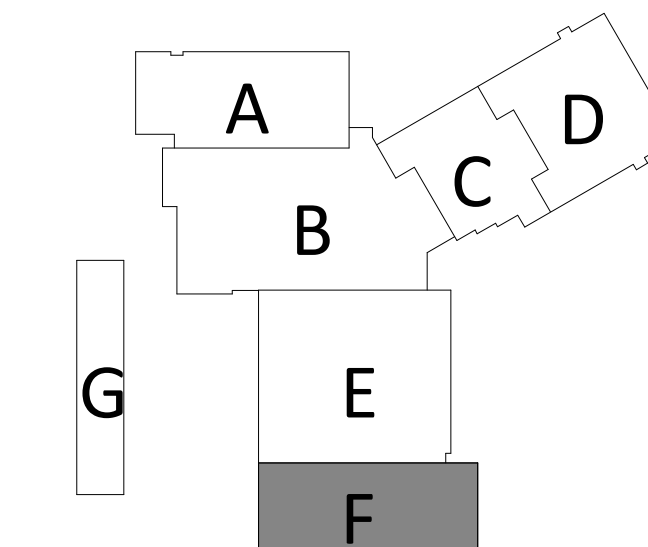
FOUNDATION PLAN - Cooling Tower

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



FOUNDATON PLAN - "e-House"

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



100% CONSTRUCTION DOCUMENTS

drawing title
FOUNDATION PLAN - AREA F

REVISIONS	
mark	description
3	06/02/2019 ADDENDUM #3

STATE OF CONNECTICUT
DEPARTMENT OF ADMINISTRATIVE SERVICES

drawing prepared by
SZEWCAZAK ASSOCIATES
340 River Street
Avon, CT 06001

project
**ADDITIONS AND RENOVATIONS
PLATT TECHNICAL HIGH SCHOOL**
600 Orange Avenue
Middletown, CT 06461

CAD no.
DCS project no.
BRF-076 CM-R

OSCRG project no.
900-0113

date
05/24/2019

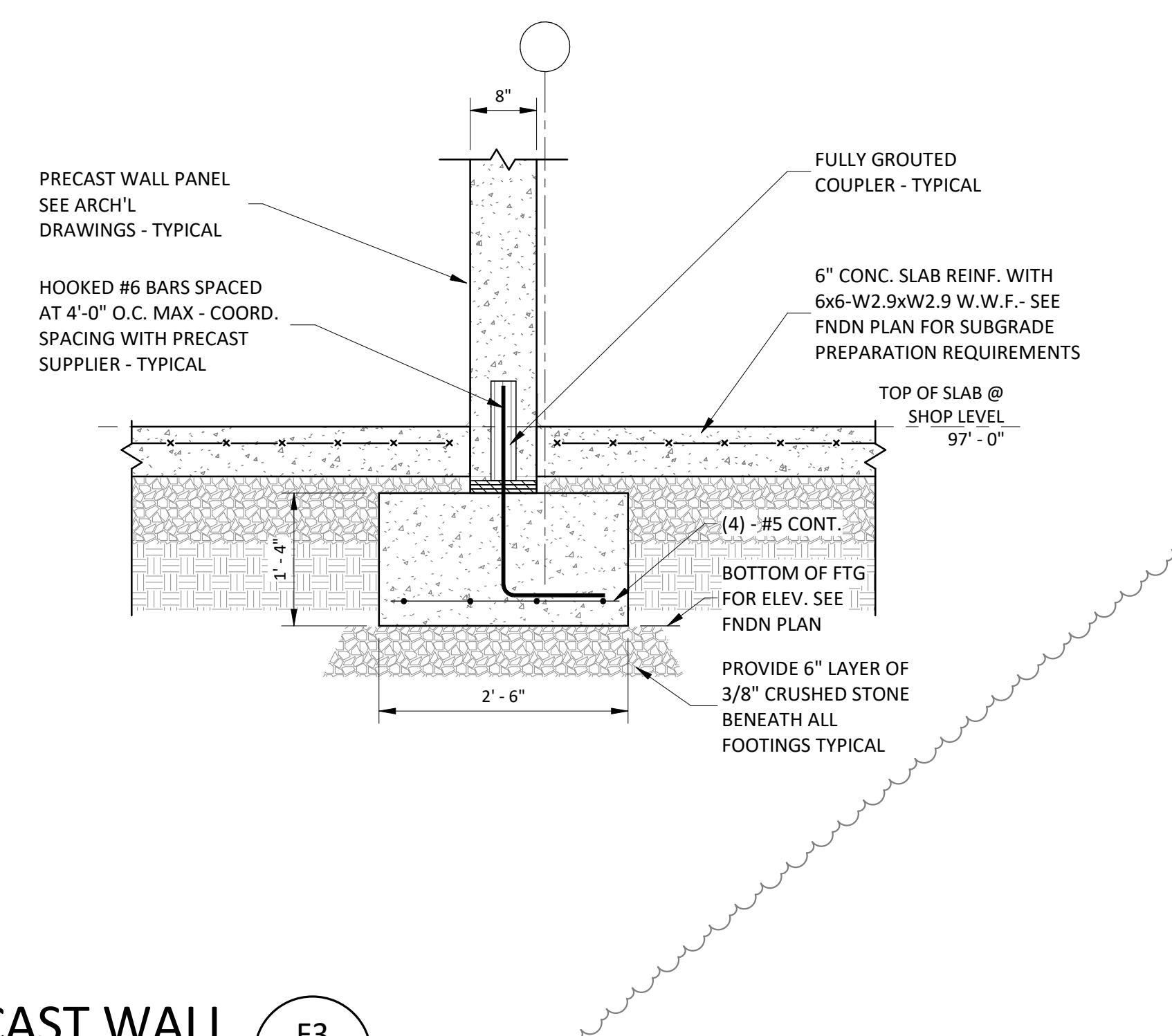
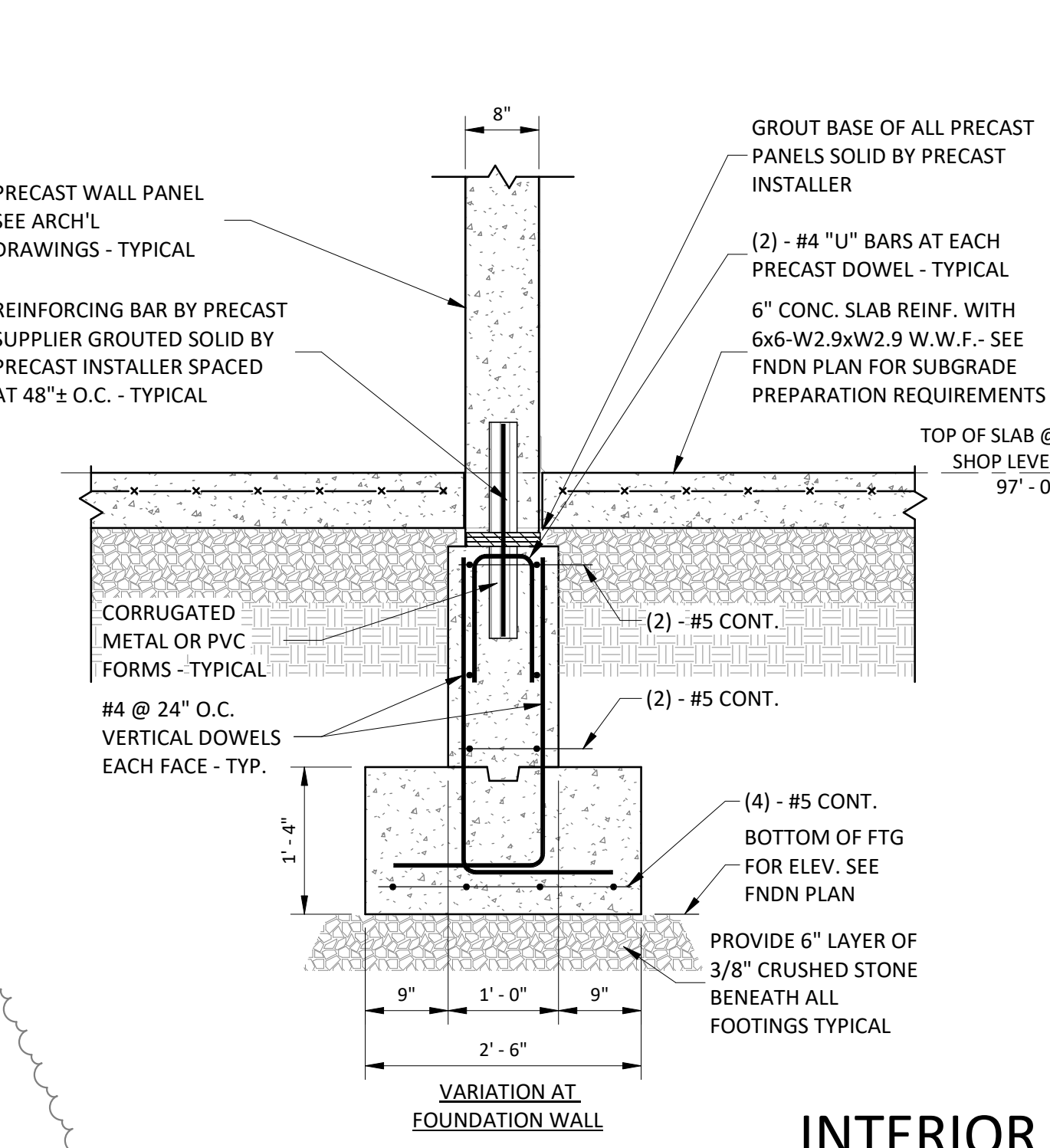
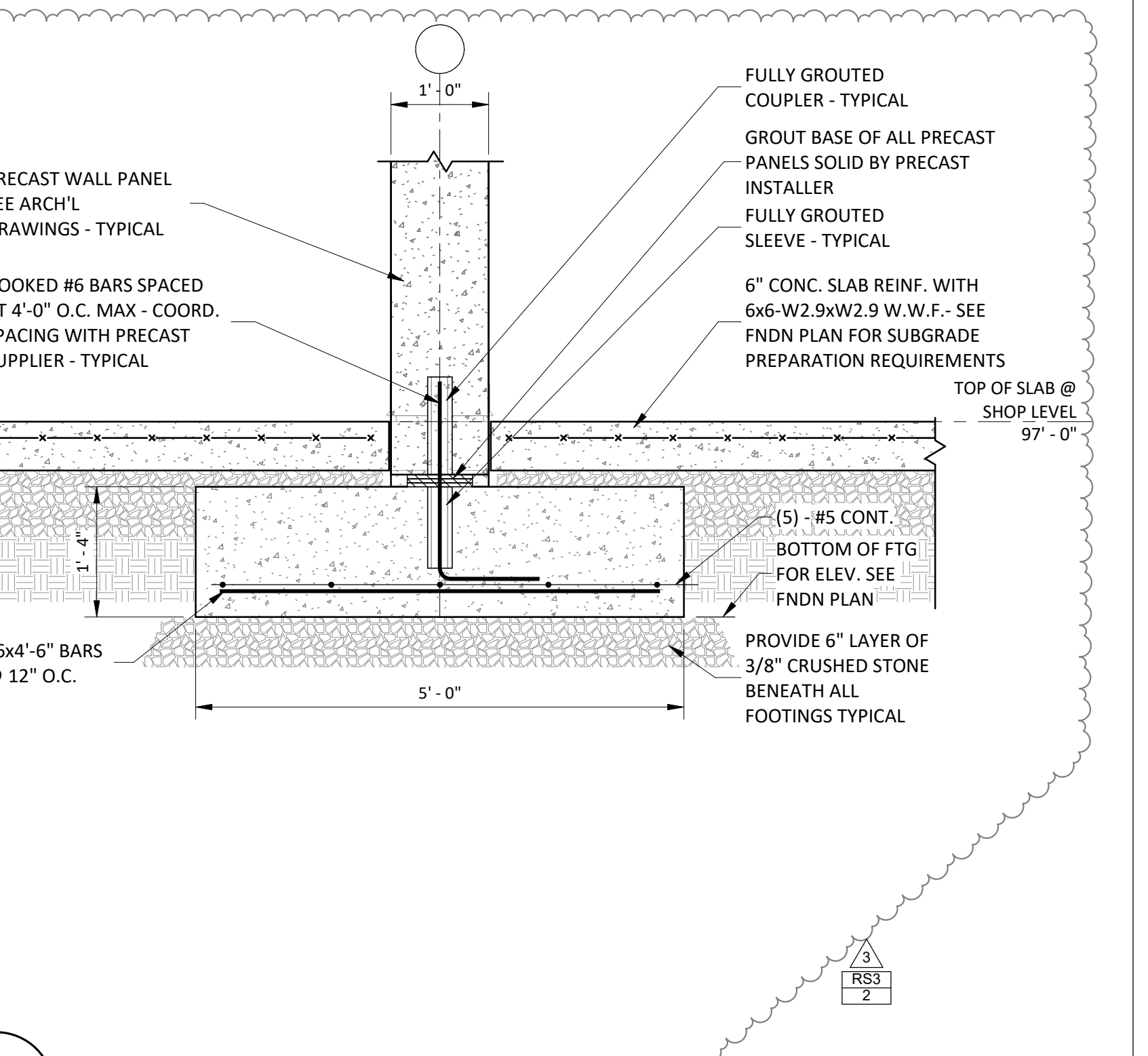
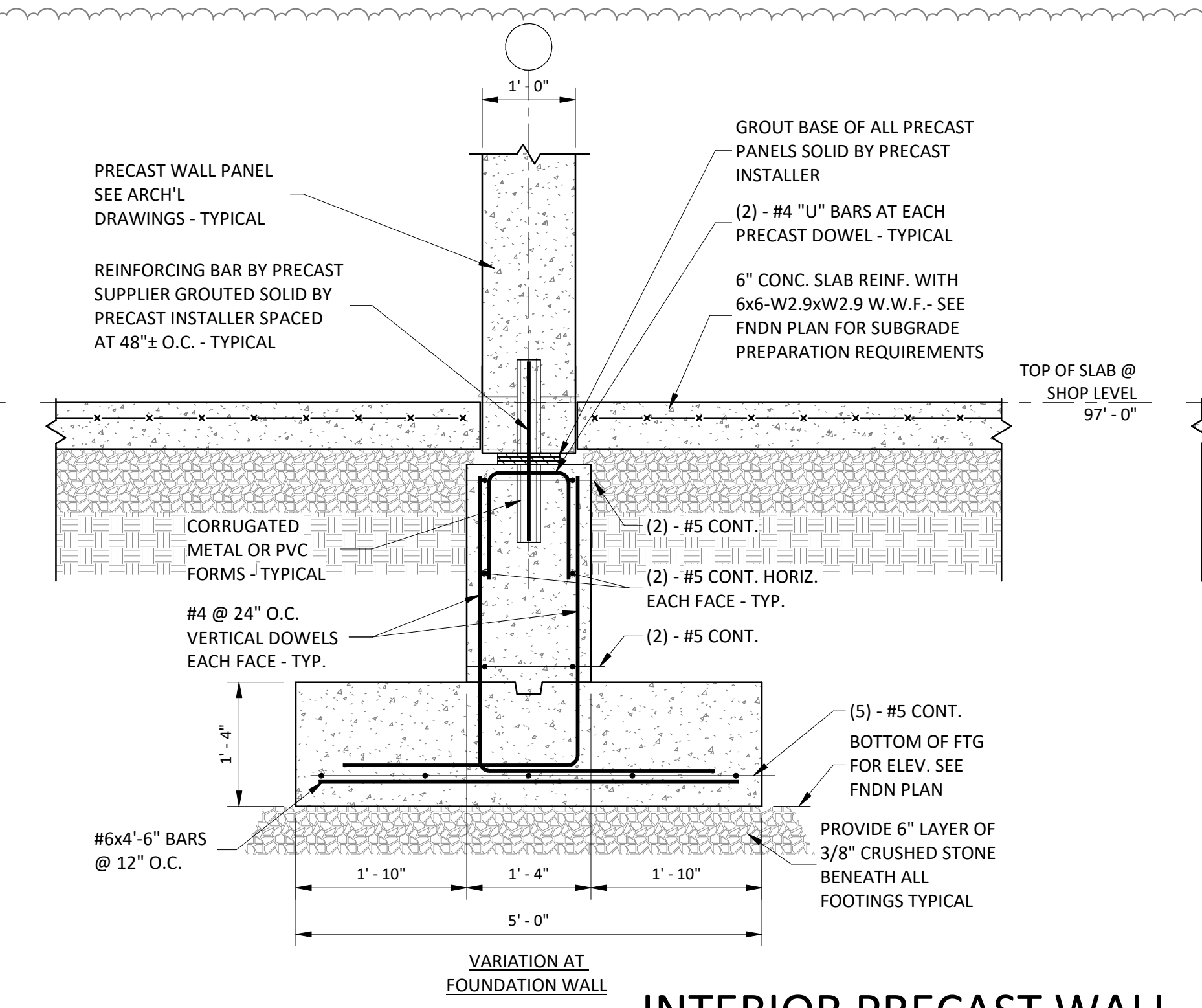
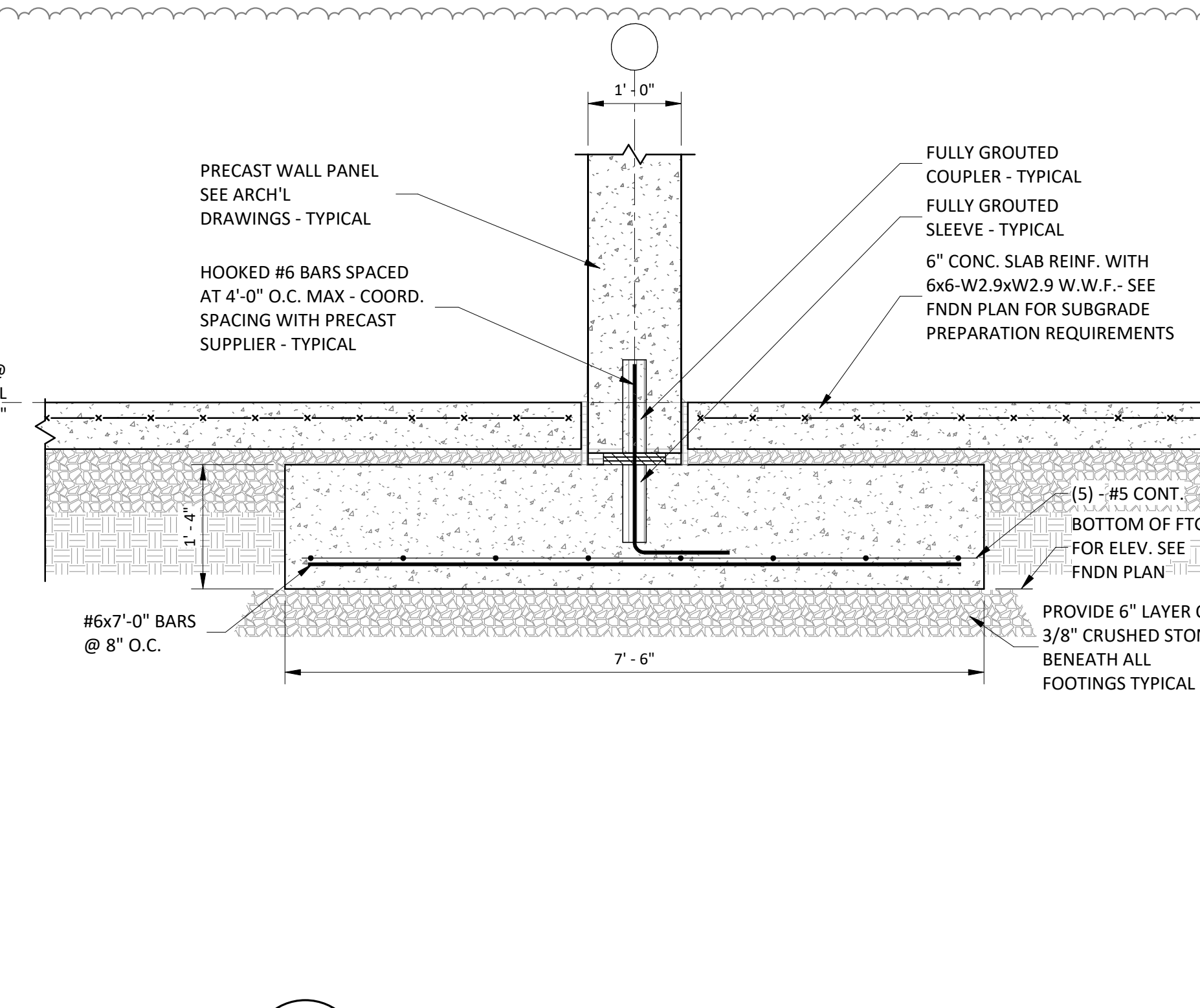
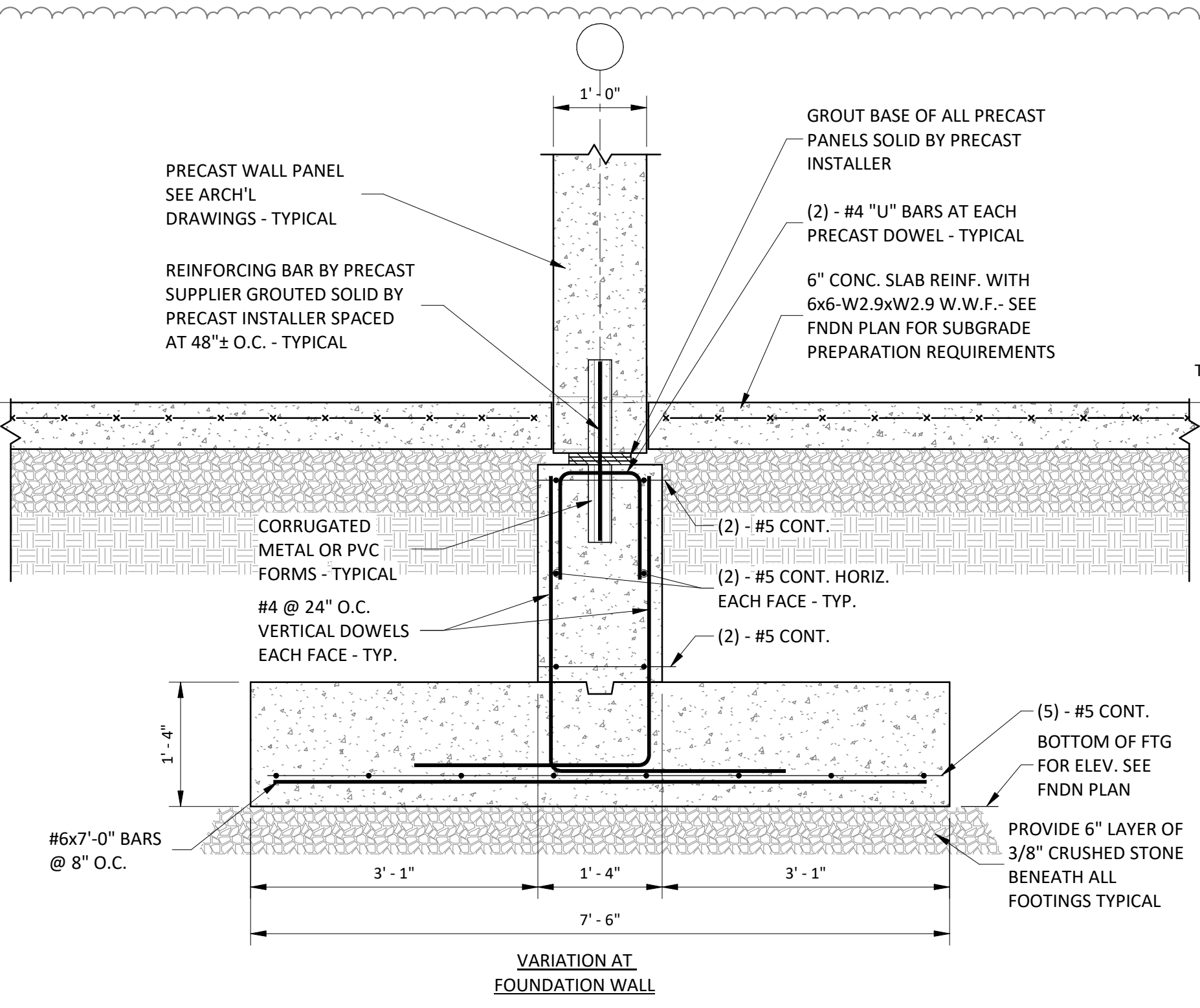
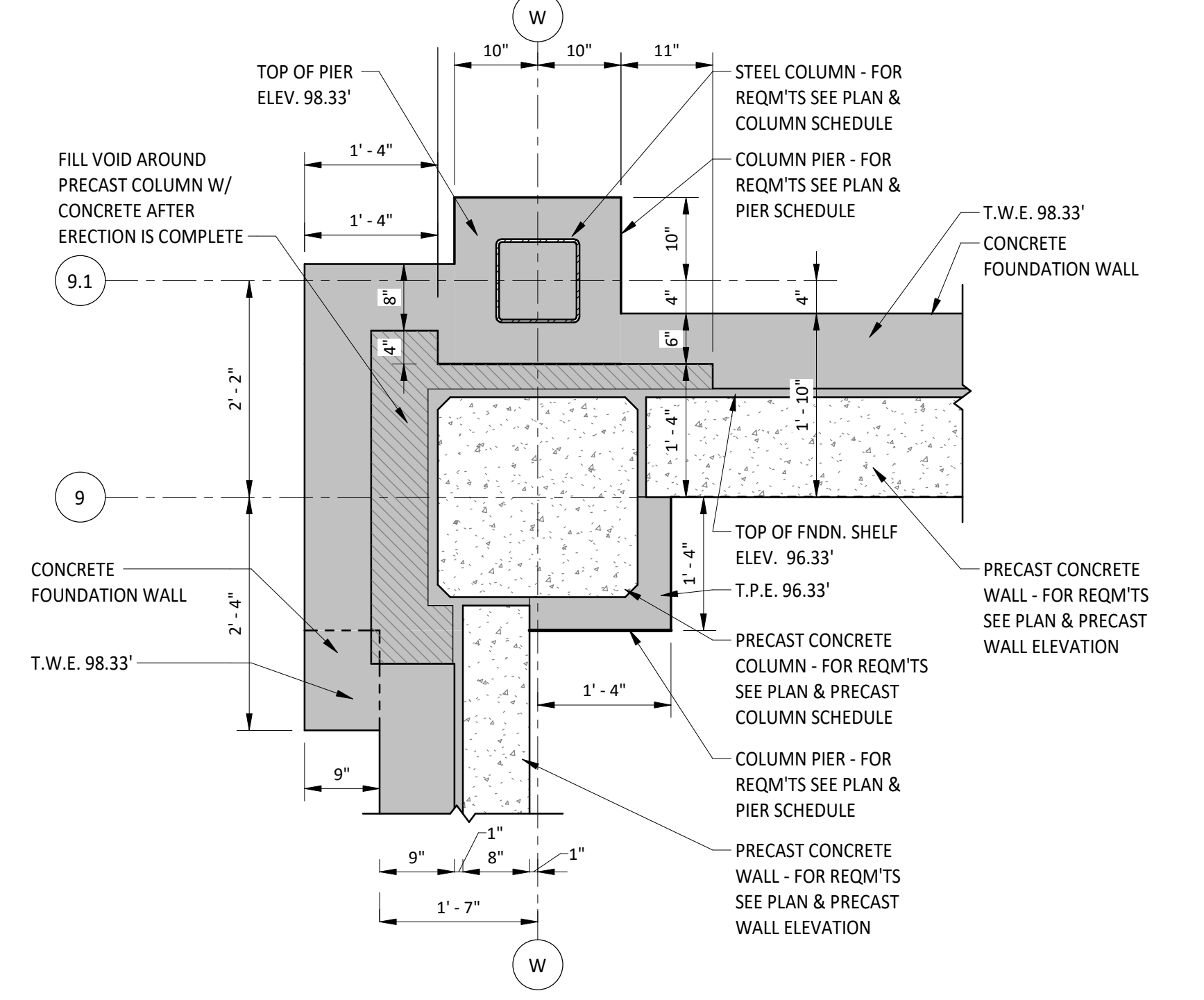
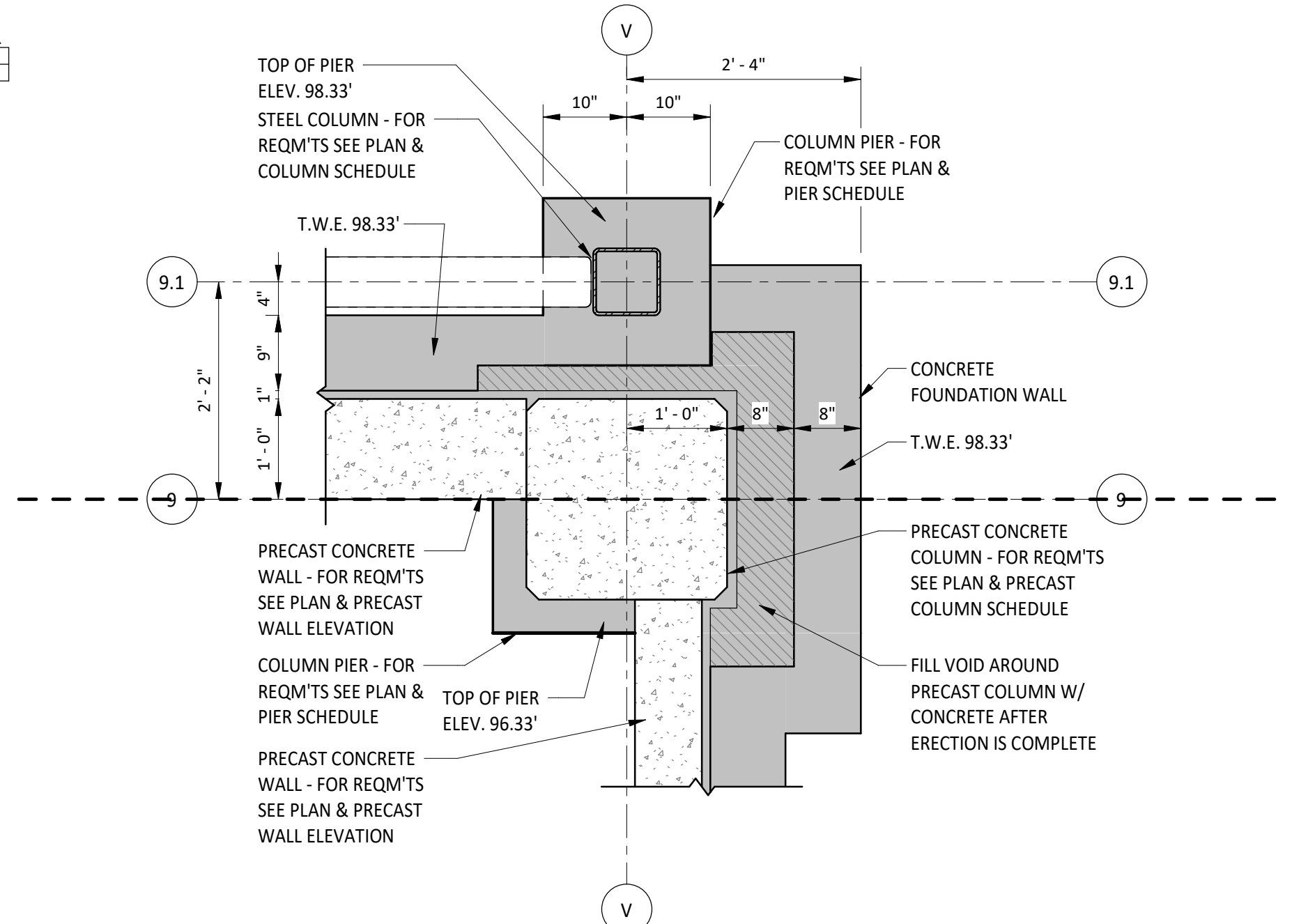
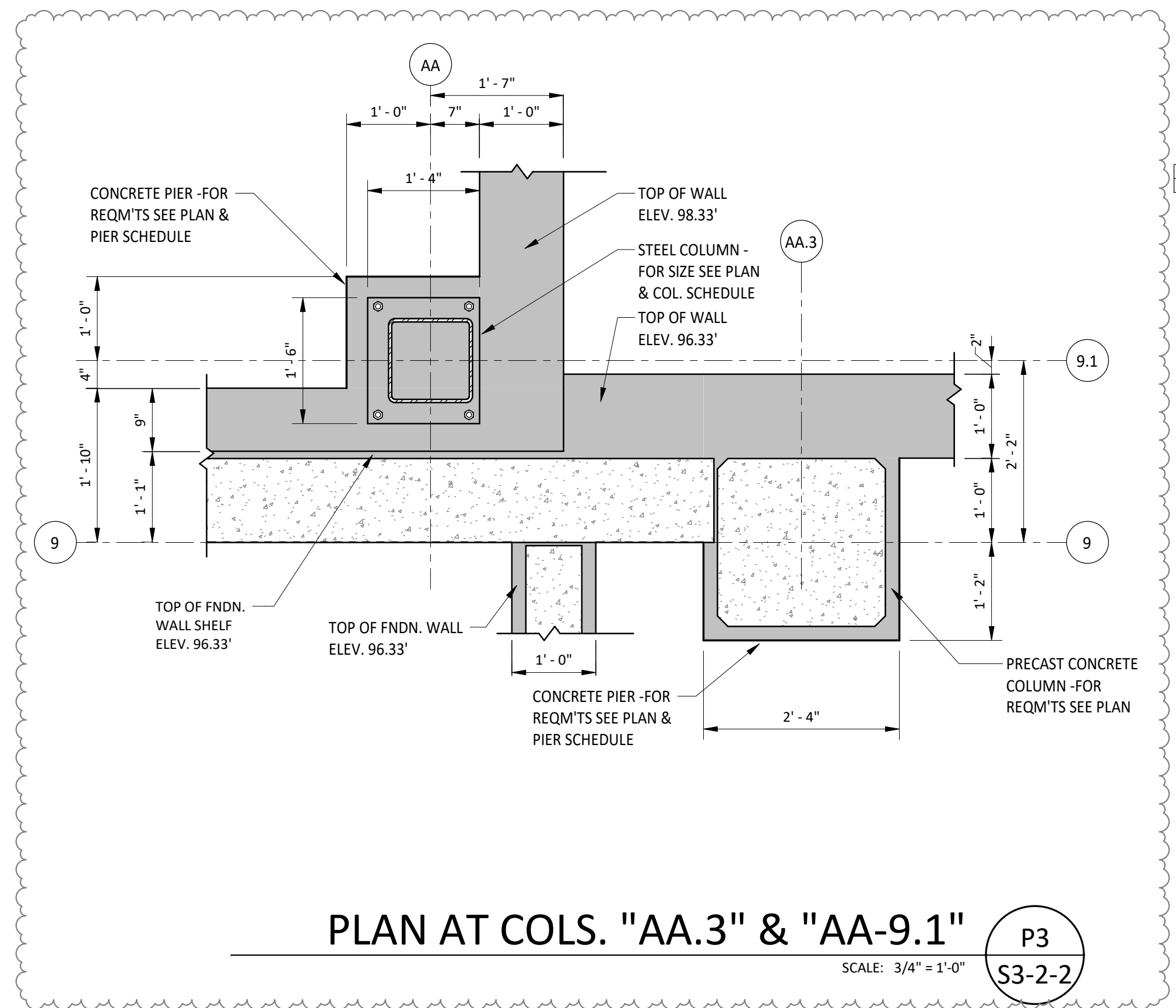
scale
As Indicated

drawn by
JPC

approved by
PJC

drawing no.
S1-1-F

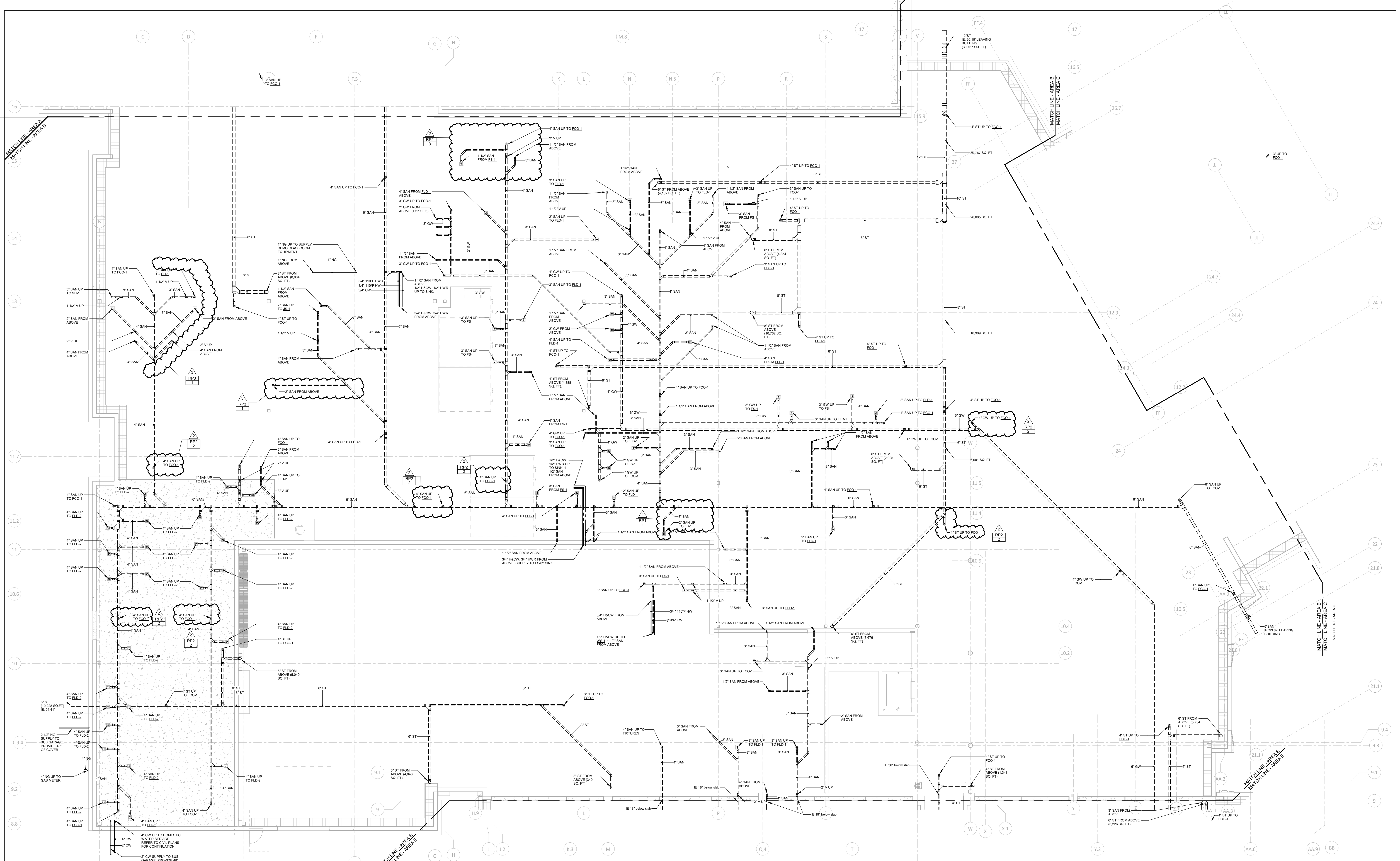




100% CONSTRUCTION DOCUMENTS

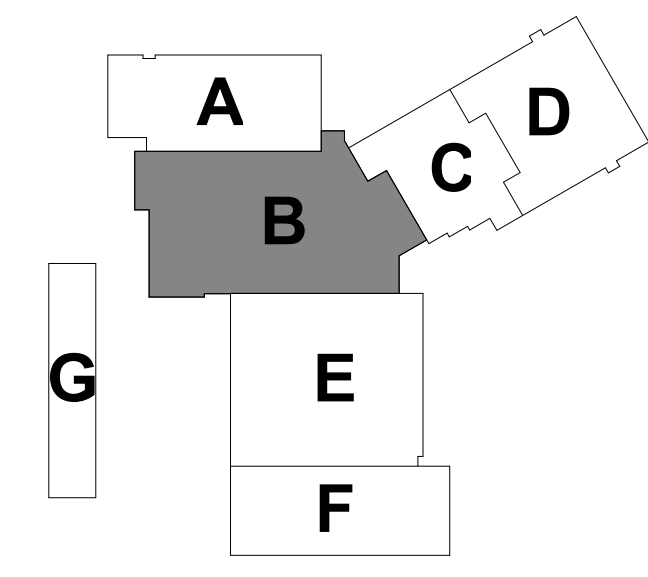
drawing title FOUNDATION PLAN DETAILS			STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
drawing prepared by SZEWCAZAK ASSOCIATES 300 Main Street Avon, CT 06011			date 05/24/2019	scale 3/4" = 1'-0"
project ADDITIONS AND RENOVATIONS PLATT TECHNICAL HIGH SCHOOL 600 Orange Avenue Middletown, CT 06461			drawn by JMC	approved by AMC
CAD no.			DCS project no. BR-RT-076 CM-R	OSCRG project no. 990-0013
mark			date	description
3			06/02/2019	ADDENDUM #3
drawing no. S3-2-2				



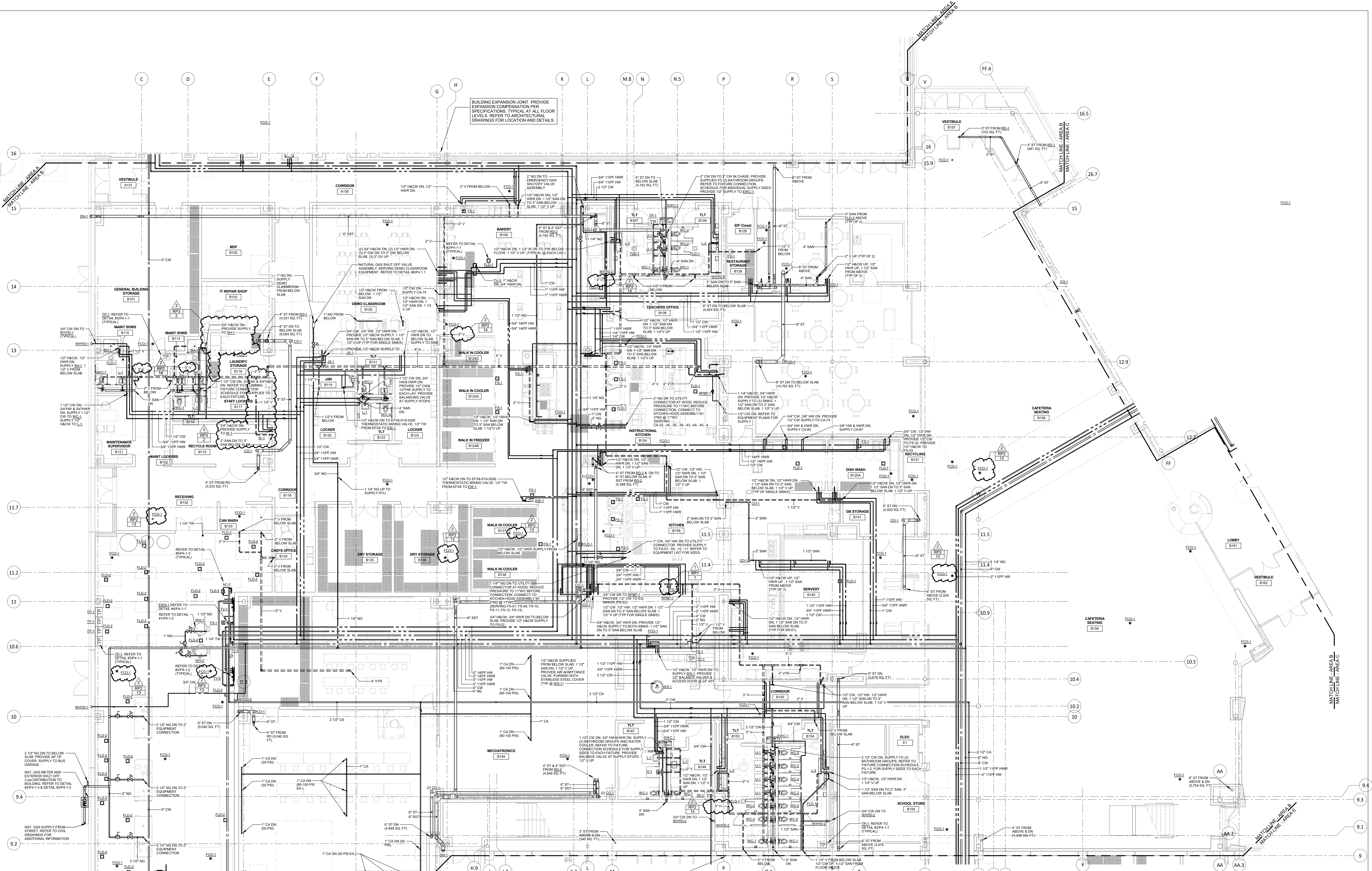


1 FIRST FLOOR PLUMBING BELOW SLAB - AREA B
1/8" = 1'-0"

SEE 9709 - REFER TO ARCHITECTURAL DRAWINGS FOR EXACT ELEVATION CHANGE LOCATIONS
REFER TO DRAWING PS-1 FOR PLUMBING LEGENDS
REFER TO DRAWING PS-2 FOR SCHEDULES & FIXTURE CONNECTION SCHEDULE
REFER TO DRAWINGS PS-1.1, PS-1.2 & PS-1.3 FOR PLUMBING DETAILS



100% CONSTRUCTION DOCUMENTS			STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
drawing title UNDERSLAB PLUMBING PLAN AREA B			drawing prepared by Consulting Engineering Services, Inc. 911 Middle St., Middletown, CT 06457	
date 05/24/2019			scale As Indicated	
mark			date	
1	07/23/2019	ADDENDUM NO. 1	2	07/30/2019
2	07/30/2019	ADDENDUM NO. 2	3	08/02/2019
3	08/02/2019	ADDENDUM NO. 3		
project ADDITIONS AND RENOVATIONS PLATT TECHNICAL HIGH SCHOOL 600 Orange Avenue Middletown, CT 06461			approved by J.C. drawing no. P1-1-UB	
CAD no. 81-07-076 C.M.R.			OSCRG project no. 900-0013	



BUILDING EXPANSION JOINT. PROVIDE EXPANSION COMPENSATION PER SPECIFICATIONS TYPICAL AT ALL FLOOR LEVELS. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION AND DETAILS.

MATCHLINE - AREA A
MATCHLINE - AREA B

MATCHLINE - AREA A
MATCHLINE - AREA B

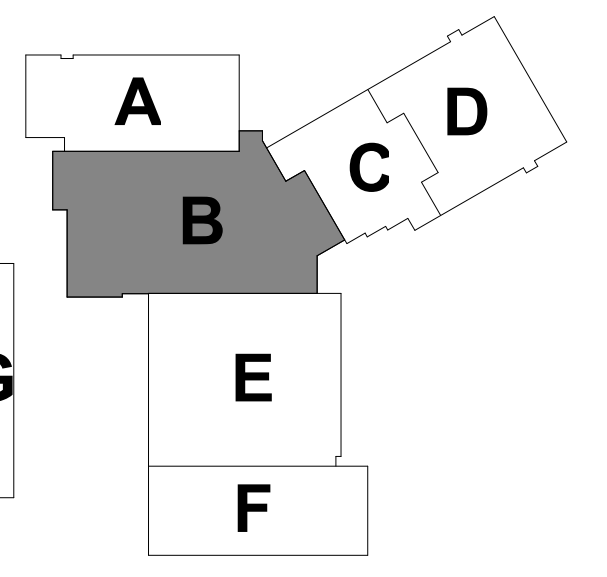
MATCHLINE - AREA A
MATCHLINE - AREA B

MATCHLINE - AREA A
MATCHLINE - AREA B

2 1/2" NG DN TO BELOW SLAB. PROVIDE 4" CP COVER. SUPPLY TO BUS GARAGE.
NAT. GAS METER AND EXTERIOR SHUT OFF. 2" HD DISTRIBUTION TO BUILDING. REFER TO DETAIL R094-1.3 & R094-1.3.
NAT. GAS SUPPLY FROM STREET. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.

1 1/4" RPBLS SERVING MECHANICAL EQUIPMENT.
4" DOMESTIC WATER SERVICE ASSEMBLY. REFER TO DETAIL R194-1.1.
2" CW DN TO BELOW SLAB. PROVIDE 4" CP COVER. SUPPLY TO BUS GARAGE.

1 FIRST FLOOR PLUMBING PLAN AREA B
1/8" = 1'-0"
BUILDING EXPANSION JOINT. PROVIDE EXPANSION COMPENSATION PER SPECIFICATIONS TYPICAL AT ALL FLOOR LEVELS. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION AND DETAILS.
FLOOR FINISHES. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT ELEVATION CHANGE LOCATIONS.
REFER TO DRAWING PS-1 FOR PLUMBING LEGENDS.
REFER TO DRAWING PS-1 FOR SCHEDULES & FUTURE CONNECTION SCHEDULE.
REFER TO DRAWINGS P4-1, P4-2 & P4-3 FOR PLUMBING DETAILS.



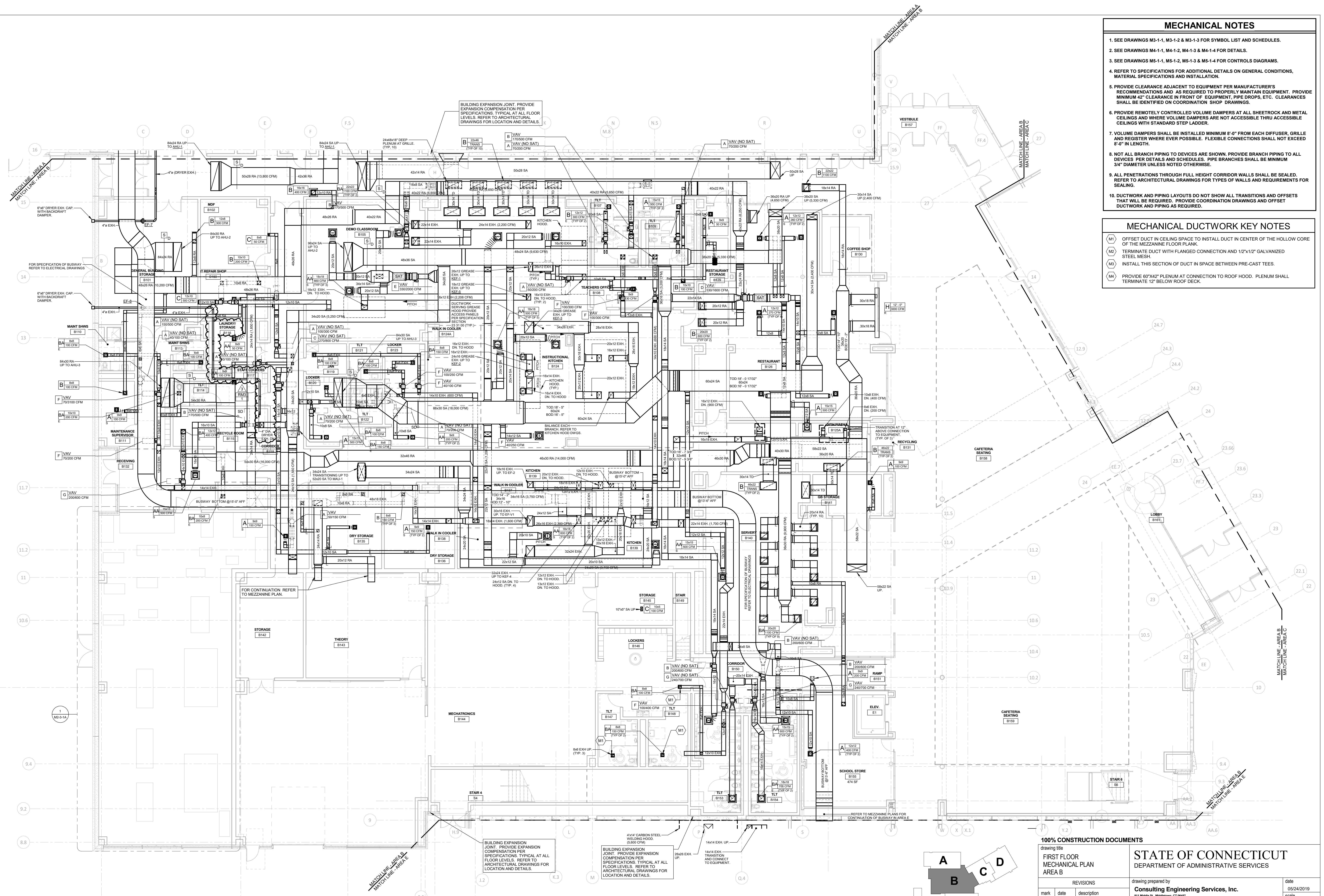
100% CONSTRUCTION DOCUMENTS		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
drawing title FIRST FLOOR PLUMBING PLAN AREA B		drawing prepared by Consulting Engineering Services, Inc. 911 Main St., Middletown, CT 06457	
date		date	
description		description	
1	07/23/2019 ADDENDUM NO. 1	2	07/30/2019 ADDENDUM NO. 2
2	07/30/2019 ADDENDUM NO. 2	3	08/02/2019 ADDENDUM NO. 3
project ADDITIONS AND RENOVATIONS PLATT TECHNICAL HIGH SCHOOL 600 Orange Avenue Middletown, CT 06461		approved by J.C. drawing no. P1-1-1B	
CAD no.	DCS project no. 18-07-076-C.R.	OSCRG project no.	900-0013

MECHANICAL NOTES

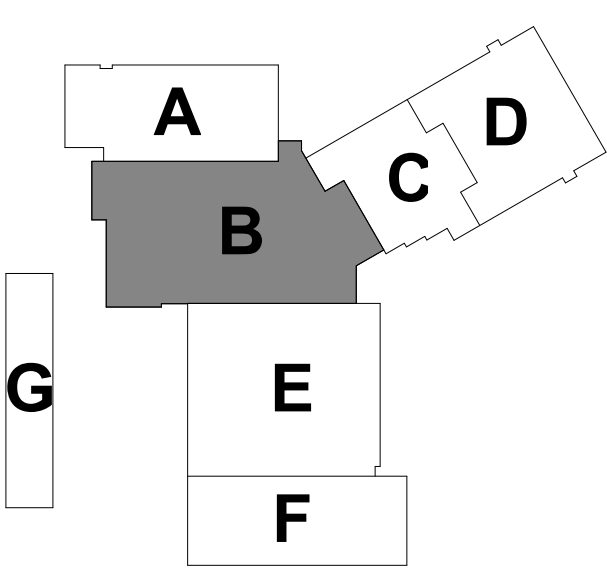
- SEE DRAWINGS M3-1.1, M3-1.2 & M3-1.3 FOR SYMBOL LIST AND SCHEDULES.
- SEE DRAWINGS M4-1.1, M4-1.2, M4-1.3 & M4-1.4 FOR DETAILS.
- SEE DRAWINGS M5-1.1, M5-1.2, M5-1.3 & M5-1.4 FOR CONTROLS DIAGRAMS.
- REFER TO SPECIFICATIONS FOR ADDITIONAL DETAILS ON GENERAL CONDITIONS, MATERIAL SPECIFICATIONS AND INSTALLATION.
- PROVIDE CLEARANCE ADJACENT TO EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS AND AS REQUIRED TO PROPERLY MAINTAIN EQUIPMENT. PROVIDE MINIMUM 42" CLEARANCE IN FRONT OF EQUIPMENT, PIPE DROPS, ETC. CLEARANCES SHALL BE IDENTIFIED ON COORDINATION SHOP DRAWINGS.
- PROVIDE REMOTELY CONTROLLED VOLUME DAMPERS AT ALL SHEETROCK AND METAL CEILINGS AND WHERE VOLUME DAMPERS ARE NOT ACCESSIBLE THROUGH ACCESSIBLE CEILINGS WITH STANDARD STEP LADDER.
- VOLUME DAMPERS SHALL BE INSTALLED MINIMUM 8" FROM EACH DIFFUSER, GRILLE AND REGISTER WHERE EVER POSSIBLE. FLEXIBLE CONNECTIONS SHALL NOT EXCEED 8'-0" IN LENGTH.
- NOT ALL BRANCH PIPING TO DEVICES ARE SHOWN. PROVIDE BRANCH PIPING TO ALL DEVICES PER DETAILS AND SCHEDULES. PIPE BRANCHES SHALL BE MINIMUM 3/4" DIAMETER UNLESS NOTED OTHERWISE.
- ALL PENETRATIONS THROUGH FULL HEIGHT CORRIDOR WALLS SHALL BE SEALED. REFER TO ARCHITECTURAL DRAWINGS FOR TYPES OF WALLS AND REQUIREMENTS FOR SEALING.
- DUCTWORK AND PIPING LAYOUTS DO NOT SHOW ALL TRANSITIONS AND OFFSETS THAT WILL BE REQUIRED. PROVIDE COORDINATION DRAWINGS AND OFFSET DUCTWORK AND PIPING AS REQUIRED.

MECHANICAL DUCTWORK KEY NOTES

- (M1) OFFSET DUCT IN CEILING SPACE TO INSTALL DUCT IN CENTER OF THE HOLLOW CORE OF THE MEZZANINE FLOOR PLANK.
- (M2) TERMINATE DUCT WITH FLANGED CONNECTION AND 12"x12" GALVANIZED STEEL MESH.
- (M3) INSTALL THIS SECTION OF DUCT IN SPACE BETWEEN PRE-CAST TEES.
- (M4) PROVIDE 60"x42" PLENUM AT CONNECTION TO ROOF HOOD. PLENUM SHALL TERMINATE 12" BELOW ROOF DECK.



1 FIRST FLOOR MECHANICAL PLAN - AREA B
1/8" = 1'-0"



100% CONSTRUCTION DOCUMENTS

drawing title
FIRST FLOOR MECHANICAL PLAN AREA B

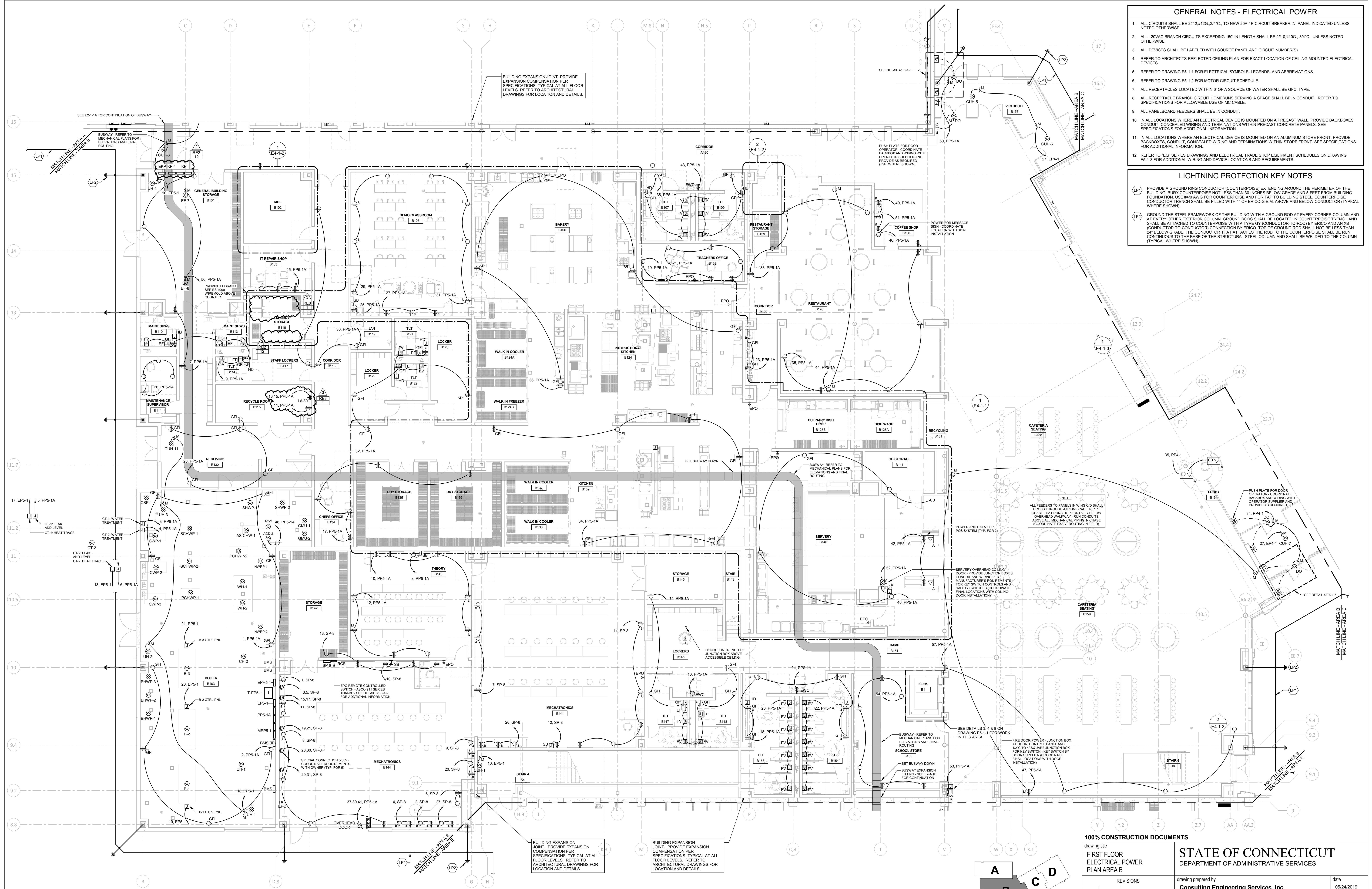
REVISIONS		
mark	date	description
3	06/02/2019	ADDENDUM NO. 3

STATE OF CONNECTICUT
DEPARTMENT OF ADMINISTRATIVE SERVICES

drawing prepared by Consulting Engineering Services, Inc. 911 Middle St., Middletown, CT 06457	date 05/24/2019
project ADDITIONS AND RENOVATIONS PLATT TECHNICAL HIGH SCHOOL 600 Orange Avenue Middletown, CT 06461	scale As Indicated
CAD no. DCS project no. 01-07-076 CM-R	approved by [Signature]
OSCRG project no. 900-0013	drawing no. M1-1-1B

- ### GENERAL NOTES - ELECTRICAL POWER
- ALL CIRCUITS SHALL BE #12, #10, #8, #6, #4, #2 TO NEW 20A-1P CIRCUIT BREAKER IN PANEL INDICATED UNLESS NOTED OTHERWISE.
 - ALL 120VAC BRANCH CIRCUITS EXCEEDING 150' IN LENGTH SHALL BE #10, #8, #6, #4, #2 UNLESS NOTED OTHERWISE.
 - ALL DEVICES SHALL BE LABELED WITH SOURCE PANEL AND CIRCUIT NUMBER(S).
 - REFER TO ARCHITECT'S REFLECTED CEILING PLAN FOR EXACT LOCATION OF CEILING MOUNTED ELECTRICAL DEVICES.
 - REFER TO DRAWING ES-1 FOR ELECTRICAL SYMBOLS, LEGENDS, AND ABBREVIATIONS.
 - REFER TO DRAWING ES-2 FOR MOTOR CIRCUIT SCHEDULE.
 - ALL RECEPTACLES LOCATED WITHIN 6' OF A SOURCE OF WATER SHALL BE GFCI TYPE.
 - ALL RECEPTACLE BRANCH CIRCUIT HOMERUNS SERVING A SPACE SHALL BE IN CONDUIT. REFER TO SPECIFICATIONS FOR ALLOWABLE USE OF MC CABLE.
 - ALL PANELBOARD FEEDERS SHALL BE IN CONDUIT.
 - IN ALL LOCATIONS WHERE AN ELECTRICAL DEVICE IS MOUNTED ON A PRECAST WALL, PROVIDE BACKBOXES, CONDUIT, CONCEALED WIRING AND TERMINATIONS WITHIN STORE FRONT. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
 - IN ALL LOCATIONS WHERE AN ELECTRICAL DEVICE IS MOUNTED ON AN ALUMINUM STORE FRONT, PROVIDE BACKBOXES, CONDUIT, CONCEALED WIRING AND TERMINATIONS WITHIN STORE FRONT. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
 - REFER TO 'EO' SERIES DRAWINGS AND ELECTRICAL TRADE SHOP EQUIPMENT SCHEDULES ON DRAWING ES-3 FOR ADDITIONAL WIRING AND DEVICE LOCATIONS AND REQUIREMENTS.

- ### LIGHTNING PROTECTION KEY NOTES
- (LP1) PROVIDE A GROUND RING CONDUCTOR (COUNTERPOISE) EXTENDING AROUND THE PERIMETER OF THE BUILDING. BURY COUNTERPOISE NOT LESS THAN 30-INCHES BELOW GRADE AND 5'-FEET FROM BUILDING FOUNDATION. USE #40 AWG FOR COUNTERPOISE AND FOR TAP TO BUILDING STEEL. COUNTERPOISE CONDUCTOR TRENCH SHALL BE FILLED WITH 1" OF ERICO G.E.M. ABOVE AND BELOW CONDUCTOR (TYPICAL WHERE SHOWN).
- (LP2) GROUND THE STEEL FRAMEWORK OF THE BUILDING WITH A GROUND ROD AT EVERY CORNER COLUMN AND AT EVERY OTHER EXTERIOR COLUMN. GROUND RODS SHALL BE LOCATED IN COUNTERPOISE TRENCH AND SHALL BE ATTACHED TO COUNTERPOISE WITH A TYPE GY (CONDUCTOR-TO-ROD) BY ERICO AND AN X8 (CONDUCTOR) CONNECTION BY ERICO. TOP OF GROUND ROD SHALL NOT BE LESS THAN 24" BELOW GRADE. THE CONDUCTOR THAT ATTACHES THE ROD TO THE COUNTERPOISE SHALL BE RUN CONTINUOUS TO THE BASE OF THE STRUCTURAL STEEL COLUMN AND SHALL BE WELDED TO THE COLUMN (TYPICAL WHERE SHOWN).



1 FIRST FLOOR ELECTRICAL POWER PLAN - AREA B
1/8" = 1'-0"

REVISIONS		date	description
2	07/30/2019	ADDENDUM NO. 2	
3	08/02/2019	ADDENDUM NO. 3	

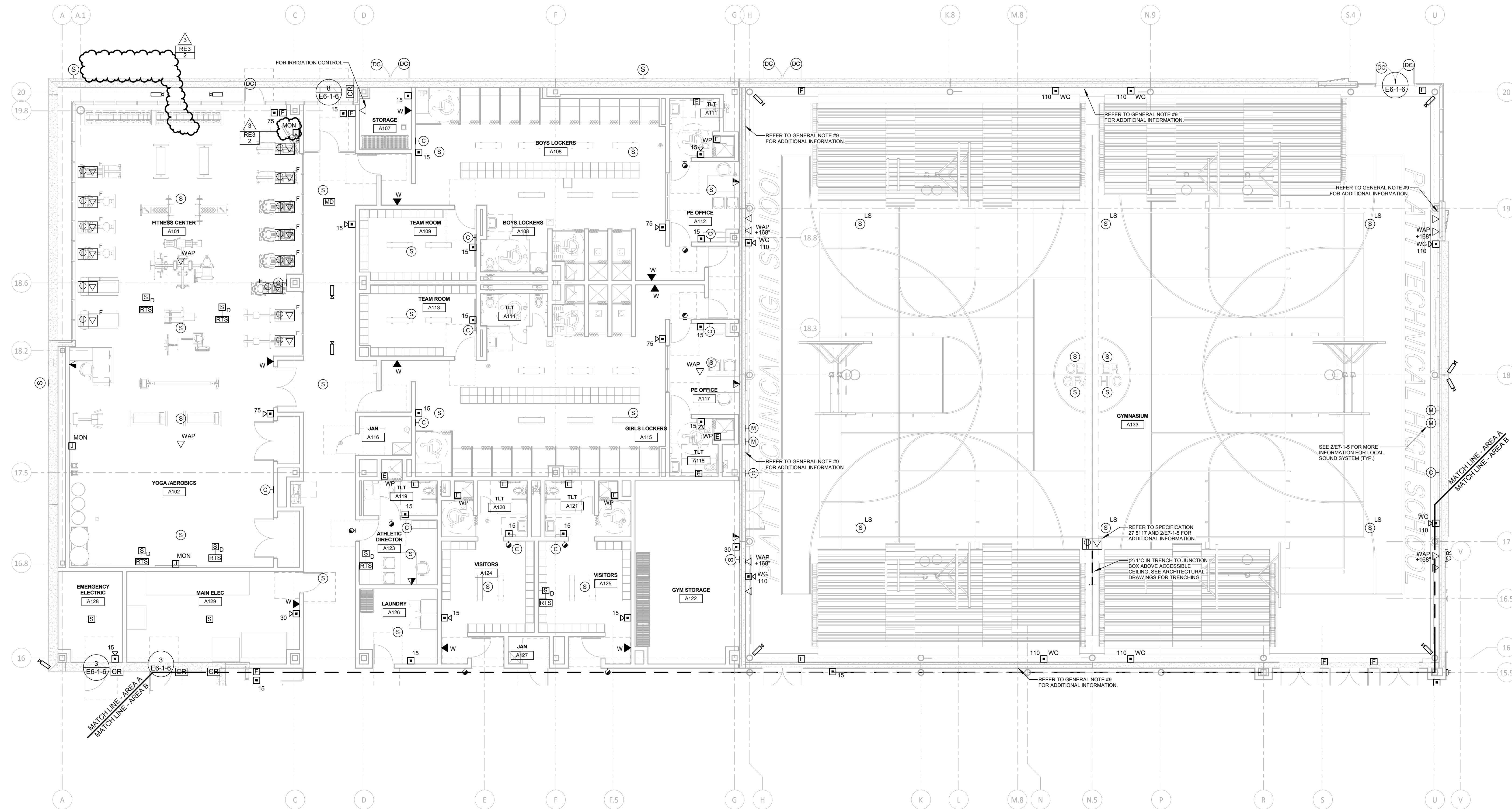
drawing title		date	
FIRST FLOOR ELECTRICAL POWER PLAN AREA B		05/24/2019	
drawing prepared by		scale	
Consulting Engineering Services, Inc.		As Indicated	
911 Middle St., Middletown, CT 06457		drawn by	
		vsm	
project		approved by	
ADDITIONS AND RENOVATIONS		esm	
PLATT TECHNICAL HIGH SCHOOL		drawing no.	
600 Orange Avenue Middletown, CT 06461		E2-1-1B	
CAD no.	DCS project no.	OSCRG project no.	
	BLRT-076 CM-R	900-0113	

GENERAL NOTES - ELECTRICAL SYSTEMS

- ALL CIRCUITS SHALL BE #12,#12G,.34°C, TO NEW 20A-1P CIRCUIT BREAKER IN PANEL INDICATED UNLESS NOTED OTHERWISE.
- ALL 120VAC BRANCH CIRCUITS EXCEEDING 150' IN LENGTH SHALL BE #10,#10G,.34°C. UNLESS NOTED OTHERWISE.
- ALL DEVICES SHALL BE LABELED WITH SOURCE PANEL AND CIRCUIT NUMBER(S).
- REFER TO ARCHITECT'S REFLECTED CEILING PLAN FOR EXACT LOCATION OF CEILING MOUNTED ELECTRICAL DEVICES.
- REFER TO DRAWING ES-1-1 FOR ELECTRICAL SYMBOLS, LEGENDS, AND ABBREVIATIONS.
- REFER TO DRAWING ES-1-2 FOR MOTOR CIRCUIT SCHEDULE.
- ALL RECEPTACLES LOCATED WITHIN 8' OF A SOURCE OF WATER SHALL BE GFCI TYPE.
- PRIOR TO ROUGH-IN, COORDINATE ALL AV RECEPTACLE AND BACKBOX LOCATIONS AND MOUNTING TYPES WITH THE OWNER PROVIDED AV SYSTEM INSTALLATION.
- IN ALL LOCATIONS WHERE AN ELECTRICAL DEVICE IS MOUNTED ON A PRECAST WALL, PROVIDE BACKBOXES, CONDUIT, CONCEALED WIRING AND TERMINATIONS WITHIN PRECAST CONCRETE PANELS. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- IN ALL LOCATIONS WHERE AN ELECTRICAL DEVICE IS MOUNTED ON AN ALUMINUM STORE FRONT, PROVIDE BACKBOXES, CONDUIT, CONCEALED WIRING AND TERMINATIONS WITHIN STORE FRONT. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

ELECTRICAL SYSTEMS KEY NOTES

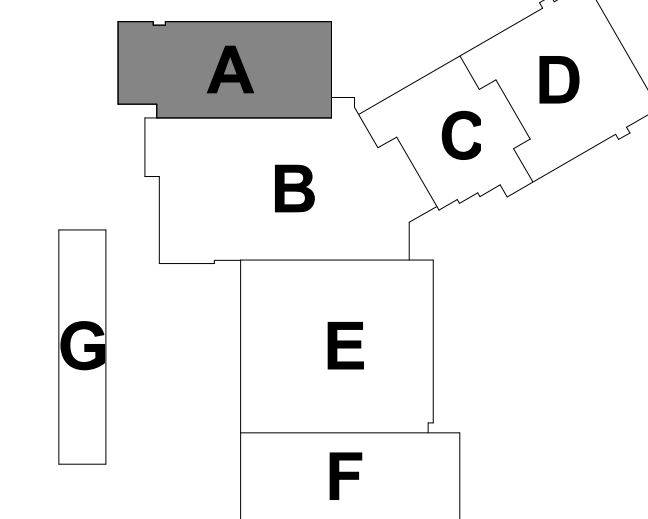
- (ES1) SMOKE DAMPER AND ASSOCIATED CONTROL MODULE. REFER TO DETAIL 7/66-1-1 FOR ADDITIONAL INFORMATION.



1 FIRST FLOOR ELECTRICAL SYSTEMS PLAN AREA A
1/8" = 1'-0"

100% CONSTRUCTION DOCUMENTS

drawing title FIRST FLOOR ELECTRICAL SYSTEMS PLAN AREA A		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
REVISIONS		drawing prepared by Consulting Engineering Services, Inc. 811 Middle St., Middletown, CT 06457	date 05/24/2019
mark	date	description	scale As Indicated
2	07/30/2019	ADDENDUM NO. 2	drawn by vsm
3	08/02/2019	ADDENDUM NO. 3	approved by esm
project ADDITIONS AND RENOVATIONS PLATT TECHNICAL HIGH SCHOOL 600 Orange Avenue Middletown, CT 06461		drawing no. E3-1-1A	
CAD no.	DCS project no. B4RT-076 CM-R	OSGCR project no. 990-0013	



GENERAL NOTES - ELECTRICAL SYSTEMS

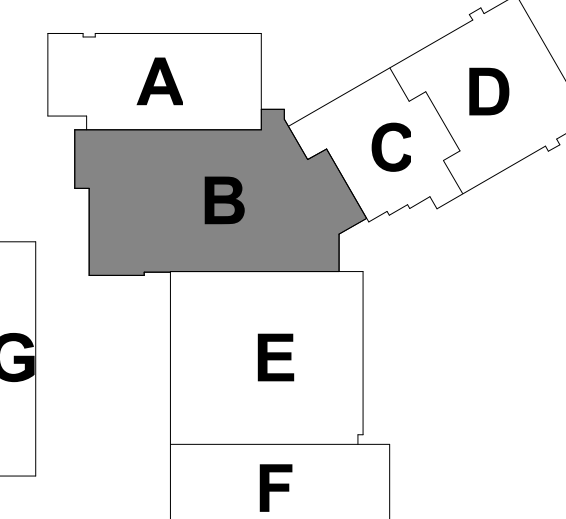
1. ALL CIRCUITS SHALL BE 2#12 #120, 3/4" C. TO NEW 20A-1P CIRCUIT BREAKER IN PANEL INDICATED UNLESS NOTED OTHERWISE.
2. ALL 120VAC BRANCH CIRCUITS EXCEEDING 150' IN LENGTH SHALL BE 2#10 #100, 3/4" C. UNLESS NOTED OTHERWISE.
3. ALL DEVICES SHALL BE LABELED WITH SOURCE PANEL AND CIRCUIT NUMBER(S).
4. REFER TO ARCHITECTS REFLECTED CEILING PLAN FOR EXACT LOCATION OF CEILING MOUNTED ELECTRICAL DEVICES.
5. REFER TO DRAWING ES-1-1 FOR ELECTRICAL SYMBOLS, LEGENDS, AND ABBREVIATIONS.
6. REFER TO DRAWING ES-1-2 FOR MOTOR CIRCUIT SCHEDULE.
7. ALL RECEPTACLES LOCATED WITHIN 6' OF A SOURCE OF WATER SHALL BE GFCI TYPE.
8. PRIOR TO ROUGH-IN, COORDINATE ALL AV RECEPTACLE AND BACKBOX LOCATIONS AND MOUNTING TYPES WITH THE OWNER PROVIDED AV SYSTEM INSTALLATION.
9. IN ALL LOCATIONS WHERE AN ELECTRICAL DEVICE IS MOUNTED ON A PRECAST WALL, PROVIDE BACKBOXES, CONDUIT, CONCEALED WIRING AND TERMINATIONS WITHIN PRECAST CONCRETE PANELS. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
10. IN ALL LOCATIONS WHERE AN ELECTRICAL DEVICE IS MOUNTED ON AN ALUMINUM STORE FRONT, PROVIDE BACKBOXES, CONDUIT, CONCEALED WIRING AND TERMINATIONS WITHIN STORE FRONT. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

ELECTRICAL SYSTEMS KEY NOTES

- (ES) SMOKE DAMPER AND ASSOCIATED CONTROL MODULE. REFER TO DETAIL 7/E6-1-1 FOR ADDITIONAL INFORMATION.



1 FIRST FLOOR SYSTEMS PLAN - AREA B
1/8" = 1'-0"



100% CONSTRUCTION DOCUMENTS

drawing title
FIRST FLOOR
ELECTRICAL SYSTEMS
PLAN AREA B

REVISIONS	
mark	description
3	06/02/2019 ADDENDUM NO. 3

STATE OF CONNECTICUT
DEPARTMENT OF ADMINISTRATIVE SERVICES

drawing prepared by Consulting Engineering Services, Inc. 911 Middle St., Middletown, CT 06457	date 05/24/2019
project ADDITIONS AND RENOVATIONS PLATT TECHNICAL HIGH SCHOOL 600 Orange Avenue Middletown, CT 06461	drawn by vsm
CAD no. DCS project no. B1RT-076 CM-R	approved by esm
OSCRG project no. 900-0013	drawing no. E3-1-1B

Branch Panel: PP5-1A														
Location: BOILER B163 Supply From: PPS-1 Mounting: Surface Enclosure: Type 1					Volts: 120/208 Wye Phases: 3 Wires: 4					A.I.C. Rating: 22 KAIC Bus Material: CU Bus Rating: 400 A MCB Rating / MLO: 300 A MCB				
CKT	Circuit Description	Tripp	Poles	A	B	C	Poles	Tripp	Circuit Description	CKT				
1	RECEPT - B163	20 A	1	0.90	0.72		1	20 A	RECEPT - B163	2				
3	CT-1: WATER TREATMENT	20 A	1		1.15	1.15		1	CT-2: WATER TREATMENT	4				
5	CT-1: LEAK AND LEVEL	20 A	1			1.15	1.15	1	CT-2: LEAK AND LEVEL	6				
7	RECEPT - B101	20 A	1	0.72	0.54		1	20 A	SMARTBOARD - B143	8				
9	RECEPT - B101	20 A	1		1.62	1.08		1	RECEPT - B143	10				
11	WASHER - B115	20 A	1			0.18	0.72	1	RECEPT - B143	12				
15	POKEYER - B115	20 A	2	2.10	1.08			1	RECEPT - B146, B146, B147, B148	14				
16		20 A	1		2.10	0.40		1	RECEPT - B146	16				
17	RECEPT - B134, B135, B136	20 A	1			1.08	1.08	1	RECEPT - B153, B154	18				
19	RECEPT - B108	20 A	1	0.94	0.42			1	RECEPT - B153	20				
21	RECEPT - B108	20 A	1		0.90	0.42		1	RECEPT - B154	22				
23	RECEPT - B127	20 A	1			0.36	0.40	1	RECEPT - B154	24				
25	SMARTBOARD - B105	20 A	1	0.54	0.90			1	RECEPT - B111	26				
27	RECEPT - B105	20 A	1		0.54	0.90		1	RECEPT - B132	28				
29	RECEPT - B105	20 A	1			0.90	0.90	1	RECEPT - B116, B117, B118, B119	30				
31	RECEPT - B105	20 A	1	0.72	1.62			1	RECEPT - B120, B121, B122, B123	32				
33	RECEPT - B126	20 A	1		0.72	1.08		1	RECEPT - B139	34				
35	RECEPT - B126	20 A	1			1.08	0.90	1	RECEPT - B124	36				
37	OVERHEAD DOOR - B144	20 A	3	0.55	1.80			1	RECEPT - B107, B109	38				
39		20 A	1		0.55	0.90		1	RECEPT - B140	40				
41		20 A	1			0.55	0.72	1	POS STATION FLOOR BOXES - B140	42				
43	EW-C -A130	20 A	1	0.40	0.36			1	MONITORS - B126	44				
45	RECEPT - IT REPAIR B103	20 A	1		0.54	0.18		1	MESSAGE SIGN - B130	46				
47	MONITORS - B159	20 A	1			0.54	1.38	1	ACC-2	48				
49	RECEPT - B130	20 A	1	0.72	1.00			1	DOOR CONTROLS	50				
51	UCR -B130	20 A	1		0.18	1.19		1	SERVERY COILING DOOR - B140	52				
53	FIRE DOOR - E109	20 A	1			0.36	1.08	1	RECEPT - B155	54				
55	COFFEE SHOP PERF SIGN LIGHTING	20 A	1	0.98	0.24			1	EF-7 & EF-8	56				
57	RECEPT	20 A	1		0.72	0.18		1	ELEVATOR PIT RECEPT	58				
59	SPARE	20 A	1			0.00	0.00	1	SPARE	60				
61	SPARE	20 A	1	0.00	0.00			1	SPARE	62				
63	SPARE	20 A	1		0.00	0.00		1	SPARE	64				
65	SPARE	20 A	1			0.00	0.00	1	SPARE	66				
67	SPARE	20 A	1	0.00	0.00			1	SPARE	68				
69	SPARE	20 A	1			0.00	0.00		SPARE	70				
71	SPARE	20 A	1			0.00	0.00		SPARE	72				
73	SPARE	20 A	1	0.00	0.00				SPARE	74				
75	SPARE	20 A	1			0.00	0.00		SPARE	76				
77	SPARE	20 A	1			0.00	0.00		SPARE	78				
79	SPARE	20 A	1		0.00	9.58		3	PANEL SP-8	80				
81	SPARE	20 A	1			0.00	12.97			82				
83	SPARE	20 A	1			0.00	12.61			84				
Phase Load:				27.69 kVA	29.48 kVA	27.15 kVA								
Phase...				231.4 A	246.3 A	226.2 A								

Notes:
1. PROVIDE WITH INTEGRAL SPD DEVICE.

Branch Panel: PP6-1														
Location: ELEC D120 Supply From: T-PP6-1 Mounting: Surface Enclosure: Type 1					Volts: 120/208 Wye Phases: 3 Wires: 4					A.I.C. Rating: 10 KAIC Bus Material: CU Bus Rating: 400 A MCB Rating / MLO: 300 A MCB				
CKT	Circuit Description	Tripp	Poles	A	B	C	Poles	Tripp	Circuit Description	CKT				
1	RECEPT - D116, D118, D119	20 A	1	1.44	0.72			1	RECEPT - D120, D122	2				
3	RECEPT - D113, D128	20 A	1		0.72	0.90		1	RECEPT - D106	4				
5	RECEPT - D108	20 A	1		0.90	0.90		1	RECEPT - C160	6				
7	RECEPT - D109	20 A	1	0.90	0.90			1	RECEPT - C160	8				
9	RECEPT - C158	20 A	1		1.44	1.50		1	REF - D123	10				
11	RECEPT - C158	20 A	1			0.90	0.36	1	RECEPT - D123	12				
13	SMARTBOARD - C161	20 A	1	0.54	0.72			1	RECEPT - D123	14				
15	RECEPT - C161	20 A	1		1.08	0.54		1	SMARTBOARD - D124	16				
17	RECEPT - C161	20 A	1			0.72	1.08	1	RECEPT - D124	18				
19	SMARTBOARD - D125	20 A	1	0.54	0.72			1	RECEPT - D124	20				
21	RECEPT - D125	20 A	1		1.08	0.54		1	SMARTBOARD - D126	22				
23	RECEPT - D125	20 A	1			0.72	1.08	1	RECEPT - D126	24				
25	SMARTBOARD - D129	20 A	1	0.54	0.72			1	RECEPT - D126	26				
27	RECEPT - D129	20 A	1		1.62	0.54		1	SMARTBOARD - D103	28				
29	RECEPT - D129	20 A	1			0.72	1.08	1	RECEPT - D103	30				
31	SMARTBOARD - D114	20 A	1	0.54	0.72			1	RECEPT - D103	32				
33	RECEPT - D114	20 A	1		0.90	0.54		1	SMARTBOARD - D115	34				
35	RECEPT - D114	20 A	1			0.54	0.90	1	RECEPT - D115	36				
37	RECEPT - D114	20 A	1	0.72	0.54			1	RECEPT - D115	38				
39	EW-C -C113	20 A	1		0.40	0.72		1	RECEPT - D115	40				
41	SPARE	20 A	1			0.00	0.40	1	EW-C -C113	42				
43	SMARTBOARD - D102	20 A	1	0.54	0.54			1	SMARTBOARD - D101	44				
45	RECEPT - D102	20 A	1		1.08	1.08		1	RECEPT - D101	46				
47	RECEPT - D102	20 A	1			0.72	0.72	1	RECEPT - D101	48				
49	SMARTBOARD - C110	20 A	1	0.54	0.72			1	RECEPT - IDF D117	50				
51	RECEPT - C110	20 A	1			1.08	0.54	1	SMARTBOARD - C159	52				
53	RECEPT - C110	20 A	1			0.72	0.90	1	RECEPT - C159	54				
55	RECEPT - C159	20 A	1	1.08	1.08			1	RECEPT - C159	56				
57	RECEPT - C159	20 A	1		0.72	0.72		1	RECEPT - C159	58				
59	RECEPT - C159	20 A	1		0.72	0.36		1	FLOOR BOXES - C159	60				
61	RECEPT - C159	20 A	1	0.72	0.36			1	FLOOR BOXES - C159	62				
63	MOTORIZED SEATING - D111	20 A	3		0.06	0.72		1	RECEPT - D111	64				
65		20 A	1		0.06	0.72		1	RECEPT - D111	66				
67		20 A	1		0.06	0.18		1	PROJECTOR - D111	68				
69	REF - D107 (GFCI)	20 A	1		1.50	1.10		1	LAB1 GAS SHUTOFF PANEL AND...	70				
71	DW - D107 (GFCI)	20 A	1			1.08				72				
73	FLOOR BOXES - C159	20 A	1	0.36	10.14			3	PANEL PP4-1	74				
75		20 A	1			9.52				76				
77	SPARE	20 A	1			0.00	10.44			78				
79	SPARE	20 A	1	0.00	3.42			3	PANEL LAB1	80				
81	SPARE	20 A	1		0.00	3.96				82				
83	SPARE	20 A	1			0.00	4.32			84				
Phase Load:				30.00 kVA	33.60 kVA	31.60 kVA								
Phase...				250 A	282.1 A	265.4 A								

Notes:
1. PROVIDE WITH INTEGRAL SPD DEVICE.
2. CIRCUIT BREAKER @ POS. 69 & 71 SHALL BE GFCI TYPE. PROVIDE SPACE BELOW AS INDICATED.

Branch Panel: PP6-2														
Location: ELEC D120 Supply From: T-PP6-2 Mounting: Surface Enclosure: Type 1					Volts: 120/208 Wye Phases: 3 Wires: 4					A.I.C. Rating: 10 KAIC Bus Material: CU Bus Rating: 125 A MCB Rating / MLO: 125 A MCB				
CKT	Circuit Description	Tripp	Poles	A	B	C	Poles	Tripp	Circuit Description	CKT				
1	FEEDER TO SITE PANELBOARD	60 A	3	0.00	0.00			3	FEEDER TO BLEACHER STOR. BLDG.	2				
3		20 A	1		0.00	0.00				4				
5		20 A	1			0.00	0.00			6				
7		20 A	1							8				
9		20 A	1							10				
11		20 A	1							12				
13		20 A	1							14				
15		20 A	1							16				
17		20 A	1							18				
19		20 A	1							20				
21		20 A	1							22				
23		20 A	1							24				
25	SPARE	60 A	3	0.00	0.00			3	SPARE	26				
27		20 A	1			0.00	0.00			28				
29		20 A	1			0.00	0.00			30				
Phase Load:				0.00 kVA	0.00 kVA	0.00 kVA								
Phase...				0 A	0 A	0 A								

Notes:
1. PROVIDE WITH INTEGRAL SPD DEVICE.

Branch Panel: PP7-2														
Location: ELEC D221 Supply From: T-PP7-2 Mounting: Surface Enclosure: Type 1					Volts: 120/208 Wye Phases: 3 Wires: 4					A.I.C. Rating: 10 KAIC Bus Material: CU Bus Rating: 225 A MCB Rating / MLO: 225 A MCB				
CKT	Circuit Description	Tripp	Poles	A	B	C	Poles	Tripp	Circuit Description	CKT				
1	RECEPT - D217, D219, D220, D221	20 A	1	1.44	0.72			1	RECEPT - D216	2				
3	RECEPT - D207, D222, D223	20 A	1		1.08	0.54		1	RECEPT - D205	4				
5	RECEPT - C222	20 A	1			1.44	1.44	1	RECEPT - C220	6				
7	RECEPT - C222	20 A	1	0.90	0.90			1	RECEPT - C220	8				
9	SMARTBOARD - C201	20 A	1		0.54	0.54		1	SMARTBOARD - C202	10				
11	RECEPT - C201	20 A	1			1.08	1.08	1	RECEPT - C202	12				
13	RECEPT - C201	20 A	1	0.36	0.36			1	RECEPT - C202	14				
15	SMARTBOARD - C203	20 A	1		0.54	0.54		1	SMARTBOARD - C204	16				
17	RECEPT - C203	20 A	1			1.08	1.08	1	RECEPT - C204	18				
19	RECEPT - C203	20 A	1	0.36	0.36			1	RECEPT - C204	20				
21	SMARTBOARD - C223	20 A	1		0.54	0.54		1	SMARTBOARD - C215	22				
23	RECEPT - C223	20 A	1			1.08	1.08	1	RECEPT - C215	24				
25	RECEPT - C223	20 A	1	0.72	0.72			1	RECEPT - C215	26				
27	SMARTBOARD - D214	20 A	1		0.54	0.54		1	SMARTBOARD - C213	28				
29	RECEPT - D214	20 A	1			1.08	1.08	1	RECEPT - C213	30				
31	RECEPT - D214	20 A	1	0.72	0.72			1	RECEPT - C213	32				
33	SMARTBOARD - C205	20 A	1		0.54	0.54		1	SMARTBOARD - C201	34				
35	RECEPT - C205	20 A	1			1.08	1.08	1	RECEPT - C201	36				
37	RECEPT - C205	20 A	1	0.72	0.72			1	RECEPT - C201	38				
39	EW-C -C207	20 A	1		0.40	0.40		1	EW-C -C207	40				
41	SMARTBOARD - C202	20 A	1			0.54	0.54	1	SMARTBOARD - C203	42				
43	RECEPT - C202	20 A	1	1.08	1.08			1	RECEPT - C203	44				
45	RECEPT - C202	20 A	1		0.72	0.72		1	RECEPT - C203	46				
47	RECEPT - MDF D220	20 A	1			0.72	0.54	1	RECEPT - C206	48				
49	MONITORS - C218	20 A	1	0.36	0.00			1	SPARE	50				
51	RECEPT - C218	20 A	1		0.90	0.00		1	SPARE	52				
53	RECEPT - C218	20 A	1			1.44	0.18	1	RECEPT	54				
55	RECEPT - C221	2												

Addendum	Item	Question / Assumption	DWG REF in Question and/or Answer	SPEC REF in Question and/or Answer	RESPONSE
ADD-3	3-01	The FM Global compliance has impact requirements that are different than typical build-ing codes with wind speeds greater than 100 mph. Does the project require small and/or large missile debris design criteria? Advise.			Refer to Addendum No.3.
ADD-3	3-02	Per spec 11 60 00 Fixed case work & Equipment, the Axis Infinity Lab Table that is a pro-prietary product only from Sheldon. Sheldon will only sell to certain subs and suppliers. Furthermore, the epoxy top for it, which is kidney shaped curved, is copy-righted through Durcon and only Sheldon can have it produced. There are quick disconnects for gas and water from what I am told. There is an automated lift mechanism which is motorized that only they can have produced. I have been told by the VP of the millwork manufacturer that when "knockoff's" are produced that they infringe on the paten and copy right. Can a different product be proposed or can the design be altered for a level playing field?		11 60 00	Refer to Addendum No.2
ADD-3	3-03	Per Spec 115730 Cosmetology equipment Page 3 of 5 section 1.8 Paragraph A.1.a. Please advise what materials, if any need to be salvaged or refurbished. We find none.			Refer to Addendum No.3.
ADD-3	3-04	I do not see a drawing showing this item - trees to be protected.			Refer to Addendum No.3.
ADD-3	3-05	Exhibit B Scope of Work Bid Package #5, line item 26 and 70, regarding fire safeing, smoke safeing, joint sealants, fire sealants, caulking and backer rod materials and installation. This work should be done by a licensed and certified installer for which will come with a warranty of materials and labor. Precast concrete manufacture are not licensed or certified installer for this scope of work. We are requesting for this line item to be removed from our scope of work and to be included in one of the following bid packages: 17-Fire Protection, 21-Fireproofing, 24-Firestopping or 25-Painting.		Bid Packages: 5 - Precast Conc.	No, it shall remain as written, hire the necessary sub tier subs as needed.

Addendum	Item	Question / Assumption	DWG REF in Question and/or Answer	SPEC REF in Question and/or Answer	RESPONSE
ADD-3	3-06	Please confirm that L5x5x3/8" shown on Detail S3/S4-1-1, will be furnish and shop installed by steel contractor.	S4-1-1	Bid Package No.5 Structural Steel & Precast Concrete	Design intent is that the design and location of all clips associated with the erection and performance of precast concrete elements is the responsibility of the precast supplier and are to be coordinated with the structural steel supplier. Sizes of clips and locations are provided to define quantity and possible requirements for bidding. This work is owed by BP#05 Structural steel and precast contractor.
ADD-3	3-07	Please confirm that the tie-back clip shown on Detail S1/S4-1-1, and Detail S1/S4-1-2 at "Variation at Column, will be furnish and shop installed by steel contractor.	S4-1-1 S4-1-2	Bid Package No.5 Structural Steel & Precast Concrete	Refer to response to bidder question item 3-06, above. This work is owed by BP#05 Structural steel and precast contractor.
ADD-3	3-08	Please confirm that L6x4x3/8 shown on Detail S1/S4-1-2 at "Typical Section", Detail R1/S4-1-7, Detail R3/S4-1-7, Detail R4/S4-1-7, Detail R5/S4-1-7, Detail R6/S4-1-7, R7/S4-1-7 and Detail R8/S4-1-7, will be furnish and shop installed by steel contractor.	S4-1-2 S4-1-7	Bid Package No.5 Structural Steel & Precast Concrete	Refer to response to bidder question item 3-06, above. This work is owed by BP#05 Structural steel and precast contractor.
ADD-3	3-09	Please confirm that L4x4x5/16 associated hardware shown on Detail S1/S4-1-2 at "Variation at Column" and Detail R1/S4-1-7, R2/S4-1-7, R3/S4-1-7, R4/S4-1-7, R5/S4-1-7, R6/S4-1-7, R7/S4-1-7 and R8/S4-1-7, will be furnish and shop installed by steel contractor.	S4-1-2 S4-1-7	Bid Package No.5 Structural Steel & Precast Concrete	Refer to response to bidder question item 3-06, above. This work is owed by BP#05 Structural steel and precast contractor.
ADD-3	3-10	Please confirm that L5x5x3/8 and associated hardware shown on Detail R4/S4-1-7 at "Variation at Column", will be furnish and shop installed by steel contractor.	S4-1-7	Bid Package No.5 Structural Steel & Precast Concrete	Refer to response to bidder question item 3-06, above. This work is owed by BP#05 Structural steel and precast contractor.
ADD-3	3-11	Please confirm Bid Package 5 Scope of Work Item 51 requiring steel sub to install insulation in acoustic deck. This item is normally furnished by steel sub and installed by roofing sub while he is installing the roofing material. How would the steel sub know how much labor to carry for this item?			This scope of work is by Bid Package No.5
ADD-3	3-12	On drawing P3-1-2 "Plumbing Fixture Schedule" it states that items ES-1;ES-2;S-2 are furnished under division 11, installed by plumbing contractor. I am looking to supply these science laboratory sinks but there is no model # or manufacturer listed. Please provide a model # so I can include these items in the foodservice equipment bid.	P3-1-2	11 60 00	The laboratory sinks are required under section 116000 and the model numbers are located on sheet EQ-001.

Addendum	Item	Question / Assumption	DWG REF in Question and/or Answer	SPEC REF in Question and/or Answer	RESPONSE
ADD-3	3-13	As an example The electrical drawings appear to show a motor and a switch at the overhead doors. Based on General Trades, Bid Package Item No.56 the electrician would wire the power to the overhead door motor and the switch. Any other wired connections would be by (i.e. photo eye sensors, bottom edge sensor, etc.), Correct?		Bid Package No.6 General Trades	Item#56 is clearly written, any other work required that is not shown is the responsibility of General trades
ADD-3	3-14	Does the fire protection contractor stub out 5' past the building foundation with the new 8" fire service. Please clarify.			The sprinkler contractor stubs five feet outside the building. The site contractor picks up from there.
ADD-3	3-15	Spec. section 210516 Expansion Loops- please provide locations of any seismic expansion loops or expansion loops.		21 05 16	Locations of building expansion joints are shown on the floor plans. Other expansion requirements shall be Designated design. Per Spec Section 21 0516.
ADD-3	3-16	211313 2.4A & 2.4H require a wall mounted FDC and free-standing FDC, please clarify which one is to be used for the project.		21 13 13	Refer to Addendum No. 2
ADD-3	3-17	Please refer to spec section 321400 – Unit Paving, item 2.1.A. Please advise as to what the comparable product from wassau and unilock are. In our experience, these companies do not have a comparable product that will be accepted. If the Wassau or Unilock pavers are accepted, will the color selection be from their standard and custom colors or will we be required to match a hanover color?		32 14 00	Refer to Addendum No.3.
ADD-3	3-18	The specified Curtainwall /Storefront manufacturers are concerned about how many of the openings ,whether Curtainwall or Storefronts, will need to increase in depth , change from Curtainwall to Storefront or cannot meet the structural requirements for FM Global . Can you please provide clear direction on how to proceed with pricing these openings ?		Bid Package No.8 Windows	Refer to Addendum No.3.
ADD-3	3-19	Who owns trenching, excavating, and backfilling for the underground mechanical (PLBG or HVAC) piping, if applicable? We are assuming the site contractor, but please verify this is not on the mechanical contractor?			Site bid package owns this work.
ADD-3	3-20	Please advise if Raychem, Nelson & Chromalox would all be equal and approved manufacturer for the heat trace if they can meet the spec? Currently only one manufacturer is spec'd, but being a public project, there should be at least three for competitive bidding purposes.			Refer to Spec Section 23 0700, paragraph 2.11, A: Three manufacturers are listed.

Addendum	Item	Question / Assumption	DWG REF in Question and/or Answer	SPEC REF in Question and/or Answer	RESPONSE
ADD-3	3-21	Please advise if ProPress Copper Systems (Viega, Nibco, etc.) would be acceptable for equipment drain/condensate piping shown on the HVAC plans? ProPress is currently acceptable for all other hydronic systems, but not listed for the condensate specification.	23 21 13, Par. 2.2		Paragraph 2.1 allows Pro-press for condensate drain piping. Other piping shall remain as specified. Pro-press is only allowed where specified.
ADD-3	3-22	Please verify that all required Smoke Detectors, Smoke Dampers and Fire Dampers required for this project are shown on the drawings? If not, please update drawings to show all required dampers and detectors so our Sheet Metal and Controls subs can account for any additional ones required other than the ones shown with their bids. Sheet Metal and Controls subs are requesting this to be shown on the plans for accurate and equal bidding purposes against other subs.		Bid Package No.16 HVAC	All devices are identified on the floor plan drawings, details, control diagrams and specifications.
ADD-3	3-23	Please advise if Galvanized steel would also be acceptable for the Combustion Air to HVAC Boilers & Plumbing Water Heaters, in-lieu of using Schedule 40 PVC? PVC called out for on paragraph 2.4, but galvanized steel acceptable per paragraph 2.6.		23 51 00	2.4 paragraph covers condensing appliances at the Plumbing and HVAC shops as noted. 2.6 covers other conditions (such as appliances listed in 2.1) Specification shall remain as is.
ADD-3	3-24	CUH-4 is shown on the schedule but none were found on the HVAC plans? Please advise if any CUH-4s are necessary for this project and please update drawings to show their locations if they are required.	M3-1-1		Refer to Dwg M2-1-1A: Located at the entry vestibule
ADD-3	3-25	Please advise if schedule 40 threaded steel piping will be acceptable for the interior fuel oil piping.		23 11 13	Yes, see Addendum #3
ADD-3	3-26	There are two UH-16s shown on the HVAC floor plans. On drawing M2-1-1F, there is a UH-16 shown without piping and the same unit heater is shown on M2-1-MF with piping. Please confirm that these are both the same UH-16s and that there are not two separate UH-16s to furnish and install (assuming this is the case, but with all the other unit heaters not shown twice, I just wanted to confirm)?	M2-1-1F M2-1-MF		These are the same unit heaters showing up on two different floor plans.
ADD-3	3-27	HVAC Scope of Work #28 stats the " This (HVAC) bid package is responsible for required power for equipment needing more than 120v outlet as needed. " Typically the electrical contractor provides all power wiring and HVAC Controls Contractor is to provide low voltage control wiring. Please confirm that the Electrical contractor owns all power wiring rather than the HVAC Contractor?			This note is only in reference to "construction power" to build the project. Refer to contract documents for low voltage and power wiring requirements.

Addendum	Item	Question / Assumption	DWG REF in Question and/or Answer	SPEC REF in Question and/or Answer	RESPONSE
ADD-3	3-28	HVAC Scope of work #57 states that the HVAC contractor is to furnish and install all heat tracing. Please confirm that the only three locations that require heat trace would be the: 1) exterior CWS Piping to cooling towers, 2) exterior CWR Piping to cooling towers, & 3) exterior Cold Water Piping to cooling towers? If other systems and locations also need heat trace, please identify them.			Note: Specification Section 23 07 00, paragraph 2.11 lists three electric heat trace zones. These correspond to the three zones shown on Detail #2 on Dwg M5-1-1
ADD-3	3-29	Please confirm that HVAC Scope of Work #63 is not applicable to this project? Underground piping not shown on the plans other than Radon and geothermal piping (both systems by others)?			If there is no HVAC underground then this note would not apply. HVAC bid package sub shall still perform required BIM for underground work. Note: Geo-thermal piping is shown on Drawing M4-1-4 and specified in Spec Section 33 23 12, within scope of work by Site Bid Package.
ADD-3	3-30	Please provide a specification for the electric baseboard schedule along with other acceptable manufacturers?			Refer to Note #2 in Schedule which lists three manufacturers.
ADD-3	3-31	Please confirm that the Geothermal Bore Detail (Detail #6) and Geothermal Supply and Return Piping Detail (Detail #7) on drawing M4-1-4 is for reference only, and that the site contractor would own all this work? If the HVAC Contractor is being asked to perform any of this work, please advise on the extent of responsibility?	M4-1-4		Site bid package subcontractor owns all this work. Refer to response to bidder question item 3-29, above.
ADD-3	3-32	Please advise if JCI can be added as an approved manufacturer for the Chillers on this project? Substitution Request Form attached with RFI.		Bid Package No.16 HVAC	Provide performance data selections to show product matches criteria as Scheduled on Drawing M3-1-1. Unless all necessary information is immediately provided by the bidder and the Constriction Documents are revised to accept the substitution, the substitution is not accepted.
ADD-3	3-33	Please advise if JCI can be added as an approved manufacturer for the VAV Boxes on this project? Substitution Request Form attached with RFI.		Bid Package No.16 HVAC	Provide performance data selections to show product matches criteria as Schedule on Drawing M3-1-2; in particular is hot water coil capacity. Unless all necessary information is immediately provided by the bidder and the Constriction Documents are revised to accept the substitution, the substitution is not accepted.
ADD-3	3-34	On the Fixture Schedule 265100 page 5 of 13 Fixture Type H catalog number shows the Fixture as 22" long on Drawing E1-1-2B Detail 2 it shows the Fixture Type H as 4' long. Please advise.		26 51 00	Refer to Addendum No. 3

Addendum	Item	Question / Assumption	DWG REF in Question and/or Answer	SPEC REF in Question and/or Answer	RESPONSE
ADD-3	3-35	<p>Confirm the Metal Acoustical Panels (MAP) part of the Acoustical Bid Package. Confirm the Fabric Wrapped Acoustical Panels (FWAP) are part of the Acoustical Bid Package.</p> <p>Confirm the Wood Fiber Acoustical Panels (WFAP) are part of the Acoustical Bid Package.</p> <p>Is the Acoustical Bid Package responsible for the ceiling expansion joints?</p> <p>Who is responsible for the Aluminum Composite Material (ACM)?</p>			Acoustical bid package owns all this work EXCEPT General trades owns ceiling ex-pansion joints and Windows bid package sub owns the ACM.
ADD-3	3-36	<p>In section 32 14 00 Unit Paving under the Concrete Pavers section, the basis of design is listed as the Hanover 6x6 "Prest Brick" and the 12x12 "Prest Paver". There are a few slight differences between Hanover's "Prest Brick" and "Prest Paver" that might make installation challenging for the installer. Most notably, a Prest Brick will have a 1/16" bevel on the edge of the paver and 1/16" spacer lug. A Prest Paver will have a 3/16" bevel and a 1/8" spacer lug on the side of the paver. The colors of the prest brick and prest paver will also be slightly different. The products are manufactured in two different plants using different presses/methods of manufacturing. Will the 6x6s and 12x12's be laid next to each other? If so, we would recommend using a 6x6 "Prest Brick" and a 12x12 "Prest Brick". This will ensure that colors, bevels, and spacer lugs will all be consistent. If you have further questions, please let us know. Thank you in advance for the clarification. Trying to get bidders the correct pricing as well as mitigate a problem on the job before it happens.</p>		32 14 00	Refer to Addendum No.3.
ADD-3	3-37	<p>One of my RFIs came back that references the Seismic Design Category is "B" which exempts the requirement to seismic brace sprinkler and other mechanical piping saving the owner money. I would discuss the response below with the owners rep as it's a large cost item that is exempt for the State of CT Building Code. See attached 2016 State of CT Building Code pg.163 Milford is listed as Seismic Design Category B.</p> <p>ADD-2 2-39 Drawing S0-0-1 shows the seismic design classification as B. Please confirm if correct.</p> <p>Correct. However refer to Addendum #2. Sprinkler systems shall be seismically braced even though the IBC and ASCE allow them to be exempt.</p>		Bid Package No.17 Fire Protection	We are aware the sprinkler system is not required to be seismically braced by code, however the system shall remain seismically braced in accordance with NFPA 13.

Addendum	Item	Question / Assumption	DWG REF in Question and/or Answer	SPEC REF in Question and/or Answer	RESPONSE
ADD-3	3-38	<p>BP#19 Millwork and Casework: RE: Scope of Work, BP #19 Reference Spec: 061000 Question: Scope of Work, BP #19 is responsible for 061000 1.2.A.5 Rough installation hardware, including bolts, screws, spikes, nails, clips, and connection assemblies, as needed for installation of the rough carpentry work. Please define this scope and confirm it is indeed part of Millwork and Casework Bid Package even though it is unrelated to base scope.</p>		06 10 00	Bid Package No.19, Millwork & Casework, shall provide as required for the work of this bid package.
ADD-3	3-39	<p>BP#19 Millwork and Casework: RE: Bid Package Description and Scope of Work Question: Please list specific specification sections by name and number that BP #19 is responsible for.</p>			Refer to your Exhibit B for the Bid Package#19 Millwork & Casework scope of work
ADD-3	3-40	<p>BP#19 Millwork and Casework: RE: Plastic Laminated Top Edges Reference Spec: 11 60 00 Question: 11 60 00 2.4 C. Title is Plastic Laminated Tops with Maple Edging (Type-D). Description calls for 3mm PVC edging. Please advise if the plastic laminate tops are to have wood (Maple) edges or 3mm PVC.</p>		11 60 00	Refer to Addendum No.3.
ADD-3	3-41	<p>BP#19 Millwork and Casework: RE: Full Height Case Doors Reference Spec: 11 60 00 Reference Dwg: Question: 11 60 00 2.5 F. calls for: "Doors shall be 3/4" thick and shall be of balanced plastic laminated construction with both interior and exterior faces of matching plastic," Please confirm these doors are to be Maple to match doors specified in 2.5 E.</p>		11 60 00	Refer to Addendum No.3.

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ADD-3	3-42	BP#19 Millwork and Casework: RE: Fume Hood Liner Material Reference Spec: 11 60 00 Question: 11 60 00 2.5 I. Fume Hoods calls for 1/4" composition stone liner. We cannot provide this liner. Will standard liner of Haysite H193 be acceptable? (From Haysite Tech Data sheet: H193 is a fiberglass reinforced thermoset polyester sheet having good corrosion resistance to numerous acids and alkalies. This material also exhibits a high level of flame retardancy and low smoke generation. Typical applications for H193 are fume hood liners)		11 60 00	Refer to Addendum No.3.
ADD-3	3-43	We will be bidding this project. We bid a lot of work in CT and food service equipment has always been exempt from DAS Prequalification. Could you please confirm that?		Bid Package No.13	Food Service does not need to be "DAS Pre-Qualified"
ADD-3	3-44	Do you know if this is a 100% Or 51% Buy American /NAFTA project?			There is no percentage... It stresses "preference shall be given", so as long as there is a NAFTA product vs. outside of North America, the NAFTA product shall be chosen... And as long as the product meets all of the reference standards and specifications and is available.
ADD-3	3-45	FP1-1-1E 1st Floor Area E shows (3) 6" mains in corridor E-128. Drawing FP1-1-ME Mezzanine Area E also (3) 6" mains in the same location. Please clarify if these (3) mains are duplicate on both drawings.	FP1-1-1E FP1-1-ME		These are the same piping mains showing up on two different floor plans.
ADD-3	3-46	CPM Schedule – The masonry is phased over 5 months. Is it your intention to have multiple mobilizations?			Review the project schedule.
ADD-3	3-47	Pollution Insurance Policy – As a mason do, we need a separate policy?			Review Morganti Exhibit F for insurance requirements.
ADD-3	3-48	BP 04 does not require engineering – does the mason require Professional Liability Insurance?			Review Morganti Exhibit F for insurance requirements.
ADD-3	3-49	Is there any intent to use Textura CPM payment management or any other software service fees that we need to carry in our bid costs for?			No.
ADD-3	3-50	Item #9 of General for all Scopes of work reads as a mechanical contractor's scope requirement. Please clarify			This item is only applicable to a few trade trades.

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ADD-3	3-51	Item 21 – please clarify when a condition would be required for the mason to provide their own support steel, clips, seats, etc. (i.e. detail from the drawings as an example would be helpful). I can see this in the Precast package, but not sure this is applicable for BP #04			Ok, please review to item#48 within your scope of work.
ADD-3	3-52	Please clarify Smoke/Fire rating tops of walls (TOW) – Item 26 talks about wall penetrations and floors. Item 43 only talks about tops of wall. What fire/smoke caulking do we own?			Item#26 is general for all. Item #43 shall be figured by this bid package.
ADD-3	3-53	Item 46 - Masonry BP #04 is interior cmu – The exterior of the building will be installed by a different package and it is assumed temporary heat is provided for interior by HVAC trade contractor. What specifically is the mason suppose to provide for temporary heat?			Mason is responsible for their temporary heat for their work review the project schedule.
ADD-3	3-54	Specification 105100 Metal Lockers section 2.2 F calls for metal framed bases (by manufacturer) for corridor lockers. But the callouts on the architectural floor plans and detail 1/A421 call for wood framed bases. Which aspect is correct?		10 51 10 Metal Lockers	Refer to Addendum No.3.
ADD-3	3-55	Which BP owns the “concrete topping over precast concrete tees” as shown in details 7-8/A331?			Bid package #3 owns all concrete topping.
ADD-3	3-56	Which BP is responsible for the spray foam insulation with thermal barrier coating shown in details 15/A532 and 13/A533?			General Trades BP#06.
ADD-3	3-57	Details 6 through 9/A532, details 2, 3, 5, 8, 11 and 13 on A533, details 1, 4, 5, 7, 11, 12, 16 on A534 and detail 1 & 4 on A/535 show spray foam insulation with thermal barrier coating on the top or side of the precast panel but tucked behind the structural steel. Which BP is responsible for this spray foam and thermal barrier as the GT contractor may not be able to access this area for the spray foam insulation and thermal barrier application.			General Trades BP#06.
ADD-3	3-58	Additionally, which contractor is responsible for the 1 hour fire barriers shown above the spray foam insulation in some of these instances? These 1 hour fire barriers need to be done simultaneously with the roof blocking, but the 1 hour fire barrier is currently assigned to GT BP 6, note 65.			The 1hr fire barriers shown above spray foam are owed by Bid Package #6.
ADD-3	3-59	Who is the “fire stopping bid package subcontractor” mentioned in BP 6 GT note 63 to provide the top of wall firesafing? Fire stopping is split up between multiple bid packages. If the top of wall firesafing is referring to the mineral wool at the tops of rated walls shown on A103 this should be done by Drywall BP 9.			No, Bid package #24 has top of wall fire stopping at all rated partitions.

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ADD-3	3-60	Please confirm what bid package owns the (1)6"dia 500' deep geothermal well & associated piping as indicated on drawings M4-1-4 & L-113 and as specified per 33 23 12 Closed Loop Geothermal Heat Exchanger?			Site Bid Package #02.
ADD-3	3-61	Could not locate Exhibit "C" Project Schedule signature page required with bid proposal per Invitation to Bid (00 11 16). Can this page be provided?			As noted in invitation to bid, all bidders just need to sign the first page of Exhibit C and include in their bid submission. No signature page exists for Exhibit C.
ADD-3	3-62	CT DAS Certificate of Authority (00 40 14) is not listed as a required document with bid proposal per Invitation to Bid (00 11 16) but is in the specification. Is this form required with bid proposals?			It is NOT required to be turned in with your proposal but will be required later by all awarded bid package subcontractors.
ADD-3	3-63	The trims shown on AF3-1-1 are a Marlite product and the other manufacturers listed in spec section 09 77 30 do not make this style reveal trim. Also the only supplier/certified installer of the Marlite MAP 375 product and is a direct competitor which will limit the ability to get competitive pricing. Please clarify if a different style reveal trim is acceptable? If not please provide another acceptable manufacturer.			<p>Stonewood Architectural Wall Panels and American Architectural Millwork carry compatible product to Marlite MAP 375, and they can provide same or similar edge trim system. Please refer to contact information below:</p> <p>Stonewood Architectural Wall Panels Distributor: PACE Representatives Rick Cerasale 401-487-2398 rcerasale@pacerepresentatives.com</p> <p>American Architectural Millwork Distributor: Surface Materials Michelle Vnuk 440-248-0000 Ext 131 michellev@surfacematerials.com</p> <p>Marlite Tom Lenox Director of Sales Architectural Products 330-343-6621 tlenox@marlite.com</p>
ADD-3	3-64	Contract states the GFE for SBE says 30%. Exhibit E 31.5 states 35%. Please clarify.			We are asking non set aside Bid package subcontractors to achieve a higher goal of 35%.
ADD-3	3-65	In details S8, S9 and S10 on drawing S422, which contractor is responsible for the tube beam, embedded plates, angle (with o.c. holes) welded to tube beam and/or embedded plates, and the ½" stud bolts welded to the face of tube beam at 32" o.c.?			Bid package #05 Steel/precast subcontractor.

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ADD-3	3-66	Bid Package 6 General trades note 45 explains to “include costs to correct small dips, minor cracks and imperfections to install work”. Depending on the quality of work of the awarded concrete BP contractor this scope can fluctuate greatly. Can a limit be put on the cost incurrence for corrective slab work for BP 6?			The intent of Bid Package #6 note 45 as written is for flashing of stanchions and to flash as needed for the work of this bid package. Flooring bid package contractors own their own flash patching.
ADD-3	3-67	Can you tell me where the Vertical Blinds are to be installed?			Refer to the Architectural A6 Series drawings. They are noted on the Borrowed Light, Curtainwall, Interior Storefront and Storefront Types (elevation views). An example of this can be found on Curtainwall Type, CW11 on sheet A6-3-2.