

ADDENDUM #1

10 July 2012

RE: Eli Whitney CTHS
Additions & Renovations Project
71 Jones Road
Hamden, CT 06514
Job Nos.: Department of Construction Services – BI-RT-837 / Antinozzi Associates - 04210

FROM: ANTINOZZI ASSOCIATES, P.C.

TO: PROSPECTIVE BIDDERS

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This Addendum shall be part of the Contract Documents and modifies the original bidding documents. This Addendum is to be acknowledged by the bidders on the Bid Form. Failure to do so may subject the bidder to disqualification.

Changes to prior Addenda:

- 1) None (this is the first Addendum).

General Items:

- 1) None.

Clarifications:

- 1) **Question:** *Throughout the drawings projectors are shown in rooms separately with Smartboards. For example, see sheet A-101.1 and E-101.1 for room A116. It was previously mentioned that the School would be furnishing and installing Smartboards with the integrated projectors attached to the Smartboards. Should power and data be provided for separate ceiling mounted projectors to work with the Smartboards as indicated or should power and data be provided just at the wall locations for Smartboards with integrated and attached projectors?* **Answer:** Power and Data shall be provided both at the ceiling location, and the wall on which the Smart Board will be mounted as shown on the drawings. The Department of Education (DOE) could utilize the ceiling location for a wireless hub in lieu of a ceiling mounted projector.
- 2) **Question:** *Laboratory Casework bidder concerns regarding specification being specific to one bidder..*

Specification Section 123553, pa. 3.01, A.General:

1. The basis of design for student laboratory tables shall be #16000 AXIS 3.....etc

Specification Section 123553, pa. 3.02, A.General

1. The basis of design for instructors laboratory tables shall be model #16500.....etc

2. Work surface is curved "boomerang" shaped....etc

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Kewaunee is listed as an acceptable manufacturer. Will Kewaunee's standard angle shaped adjustable student/instructor science/laboratory tables be approved in lieu of the specific "boomerang" shaped tables noted in the specifications? Kewaunee's tables are not exactly "boomerang" shaped. Answer: Students' Laboratory Tables and Instructors' Laboratory Tables shall both be furnished as specified.

3) **Question:** *Specification section 062023, subsection 2.8, describes closet and utility shelving. The floor plan drawings, sheet A-101.1 through A-105.2, show several closet and utility type rooms without shelving. Please confirm that shelving should only be included as depicted in the drawings and shelving is not needed in room B159, B138, B131, B174, B110, C171, C176A, C142A, C136B, C135A, C136A, C131B, C130A, C125A, C125B, C125C, C117D, D164, D109, E104, E114, E216 or any other rooms that don't show shelving in the floor plans. Thank you. Answer:* Shelving specified in Section 06 20 23, shall be furnished and installed only where indicated on drawings.

4) **Question:** *It is not possible to create a 5'x5' glass block panel with 8"(wide)x8"(tall)x4"(deep) nominal full blocks as indicated in detail 2a/A303 as 5' (60") is not evenly divisible by 8". Should the glass block panel noted to be 5'x5' specified to have the 8"x8" blocks be changed to 5'-4"x5'-4" or other dimensions to use full blocks? If the glass block panels shown to be 5'x5' were changed to 4'x4' or another common multiple of 8" and 12" then the windows could be approximately the same size with the use of either size block. Please clarify the documents as applicable. Note that the nominal sizes are approximate and the actual measured openings should have an additional 1/2" to 3/4" for the glass block to have proper movement as required.*

Answer:

- a) Drawing **A-303** – Exterior Elevations B-Building: Insert revisions to Detail 2A/A-303 as shown on Drawing SKA-04 - Revised Partial B-Wing - West Elevation (Partial)
- b) Drawing **A-102.1** – Area B1 Main Level Floor Plan: Insert revision as shown on Drawing SKA-03 - Revised Area B1 Main Level Plan (Partial)
- c) Drawing **A-513** – Wall Sections Wing B: Insert revisions to Details 2/A-513 as shown on Drawing SKA-05 - Revised Wall Section at B-Wing (Partial), and Detail 3/A-513 as shown on Drawing SKA-06 - Revised Wall Section at Wing B (Partial), and revisions to details A/A-513, B/A-513, C/A-513, & D/A-513 as shown on Drawing SKA-07 - Revised Head/Jamb/Sill Details.
- d) Drawing **A-920** – Window / Curtainwall Schedule: Insert the revisions as shown on Drawing SKA-08 - Revised Window Types (Partial).

Changes to Bidding Requirements:

- 1) None.

Changes to Specifications:

- 1) Section 07 52 16 – SBS Modified Bituminous Membrane Roofing.
 - a) Paragraph 2.6.A: Delete the word “invinga,” and insert the word “Invinsa” in lieu thereof.
 - b) Paragraph 2.8.B:

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- i) Delete “1. Available Manufacturer.”
- ii) Delete “a. Firestone Building Products Company.”

2) Section 04 23 00 – Glass Unit Masonry Assemblies

- a) **Question:** *Specification Section 042300, part 2, subsection 1.9 indicates that the specified glass block should be nominally 12"x12"x4" with a 45 minute fire rating with clarifications noted. Detail 2a/A-303 shows glass block panels which are indicated to have 8"x8" glass blocks with a one hour rating at two locations. Other elevations show 5'x5' panels and 10'x10' panels at other locations.*

Should 8"x8"x4" nominal 1 hour rated glass blocks be used just at the two panel locations called out as 8"x8" block in detail 2a/A-303? Provide specifications for the 8"x8"x4" nominal glass blocks as appropriate. Answer:

- i) Paragraph 1.9.A.4.g:
 - (1) Delete the number “45,” and insert the number “60” in lieu thereof.
 - (2) Delete the following paragraph – “rating does not apply to all 12 inch (305 mm) by 12 inch (305 mm) blocks,” and insert the following in lieu thereof – “Rating applies to 8 inches by 8 inches nominal Thickset 60 Block, at 25 lbs/sq ft weight installed with mortar.”
- ii) Paragraph 1.9.A.4.i: Insert the following paragraph: “Sound Transmission: 48 for size 8 inches by 8 inches nominal Thickset 60 Fire Rated block, unless otherwise noted.”
- iii) Paragraph 1.9.A.5.b: Insert the following paragraph: “Face Size: 8 inches by 8 inches, nominal Thickset 60, 60 minutes Fire Rated Block.”

3) Section 11 40 00 – Food Service Equipment

- a) **Question:** *Specification Section 114000, Part 2, Item R64 (Page 47), indicates that item R64 is a spare number. The Equipment Schedule on sheet FS-2 does not list item R64 skipping over this item; however, sheet FS-1 shows an item labeled R64 in the northeast areas of the Culinary Kitchen C168.*

Does item R64 exist and if so what is it? Please clarify and update the specifications and drawings as appropriate. Answer: Item #R64 is a single door, reach in refrigerator, similar to item #R30. The Model Number is: TR-1R-2HS, as manufactured by True Food Service.

- b) **Question:** *Specification Section 114000, Part 2, Item L38 (Page 36), indicates that item L38 is a Blodgett double oven model 1048; however, the Equipment Schedule on sheet FS-2 lists the manufacturer as U.S. Range and the model as SGM-200S1.*

What is item L38? Please clarify and update the specification or drawing as appropriate. Answer: Item #L38 is a double deck gas convection oven, similar to item #B50. The Model Number is SGM-200S, as manufactured by U.S. Range.

4) Section 26 00 00 – General Provisions.

- a) Paragraph 1.01.8
 - i) Replace “National Electrical Code” with “2005 National Electric Code including all amendments and supplements”
- b) Paragraph 1.01.8: Add the following:



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- i) “IBC 2008 International Building Code including all amendments and supplements”
 - ii) “IECC 2009 International Energy Conservation Code including all amendments and supplements”
 - c) Paragraph 1.10.2.a.2
 - i) Replace “date of acceptance” with “date of substantial completion”
- 5) Section 26 05 00 – Basic Materials
- a) Paragraph 1.05.1.a.2
 - i) Replace “date of acceptance” with “date of substantial completion”
 - b) Paragraph 2.04.3
 - i) Delete the second sentence of this paragraph.
- 6) Section 26 05 43 – Underground Electric Work
- a) Add the following paragraph
 - i) 2.03.8 – Manholes shall be manufactured by Arrow, Rotondo Precast, or United Concrete Products Inc. or pre-approved equal
- 7) Section 26 09 23 – Remote Lighting Control
- a) Revise paragraph 3.03.2 as follows
 - i) The warranty shall be for no less than a period of eighteen months from the date of substantial completion, and two months additional warrantee should commence from the expiration of the standard warranty for each component.
- 8) Section 26 09 43 – Architectural Dimming System
- a) Revise paragraph 3.03.1 as follows
 - i) The warranty shall be for no less than a period of eighteen months from the date of substantial completion, and two months additional warrantee should commence from the expiration of the standard warranty for each component.
 - b) Delete paragraph 3.03.2
- 9) Section 26 22 00 – Dry Type Transformers
- a) Paragraph 2.01.9
 - i) Delete paragraph h in its entirety
 - b) Paragraph 2.01
 - i) Delete paragraph 10 in its entirety
 - c) Revise paragraph 3.04.1.a.2 as follows
 - i) The warranty shall be for no less than a period of eighteen months from the date of substantial completion, and two months additional warrantee should commence from the expiration of the standard warranty for each component.
- 10) Section 26 24 16 – Panelboards
- a) Add paragraph 2.01.6.e as follows
 - i) Shunt trip circuit breakers shall rated for emergency shutdown shall be provided and installed in panelboards having voltage and ampere rating as indicate in panel schedules.



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11) Section 26 32 00 – Emergency Power System

- a) Add paragraph 2.02.3.f
 - i) Provide 120 volt battery heater to maintain battery temperature above 32 degrees.
- b) Paragraph 2.02.10 revise as follows
 - i) Subject to compliance with requirements, provide Cummins/Onan diesel engine-generator set Model DFEJ.
- c) Paragraph 2.05.9.c revise the first sentence as follows
 - i) Voltage/frequency lockout relay and sensing of all phases of the emergency source shall be provided to prevent premature transfer.

12) Section 26 50 00 – Lighting

- a) Paragraph 3.05.3 add the following fixture
 - i) Type: L1; Manufacturer: Fail-Safe; Description: 6”x4’ pendant mounted vandal resistant damp location listed, gasketed fluorescent fixture with (2) 28 watt T-5 lamps, 277 volt; Catalog: FEW-228-UNV-EB51-WL.

Changes to Drawings:

VOLUME 1 OF 3 – PHASE, CIVIL, ENVIRONMENTAL, HAZARDOUS MATERIAL, DEMOLITION, STRUCTURAL

1) Ceiling demolition in main corridors

- a) Remove Demolition Notes #85 and #94 from all main corridors only.
- b) Remove Specific Demolition Note #A2 from all main corridors only.
- c) Add Specific Demolition Note #A21, to read “CEILING DEMOLITION IN ALL MAIN CORRIDORS, AND ASSOCIATED REHANGING OF ALL LIFE SAFETY SYSTEMS, TO BE PERFORMED BY EARLY-RELEASE CONTRACT - N.I.C.”.
- d) The above revisions apply to the following drawing sheets, as they exist on each Demolition Plan:
 - i) **D-101** – Main Level Demolition Plan (Area A-1 & A-2)
 - ii) **D-102** – Upper Level Demolition Plan (Area A-1 & A-2)
 - iii) **D-103** – Main Level Demolition Plan (Area B-1 & B-2)
 - iv) **D-105** – Main Level Demolition Plan (Area C-1)
 - v) **D-106** – Main Level Demolition Plan (Area C-2)
 - vi) **D-107** – Main Level Demolition Plan (Area C-3)

2) **D-103** – Main Level Demolition Plan (Area B-1 & B-2)

- a) **Question:** Refer to drawing A102.1. There is a wall on the xB-4 line from approximately xB-T to xB-L4 that is new CMU. This same wall seems to be noted on drawing D103 as mostly existing and to remain. Please clarify. **Answer:** Insert the following note along Column Line xB-4, from the door to be demolished adjacent to Column Line xB-T to Column Line xB-L.4 – “Remove CMU/Brick partition of varying height in its entirety.”



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VOLUME 2 OF 3 – ARCHITECTURAL

1) **A-102.1** – Area B1 Main Level Floor Plan

- a) **Question:** Refer to drawing A102.1. There is a wall on the xB-4 line from approximately xB-T to xB-L4 that is new CMU. This same wall seems to be noted on drawing D103 as mostly existing and to remain. Please clarify. **Answer:** Insert the following note along column line xB-4, from the jamb at door B132c to Column Line xB-L.4 – “New 8” CMU partition from floor to underside of roof deck above as per Detail 4/A-510. Drill, Epoxy, then grout #4 Re-Bars vertical into existing slab/foundation 12“ minimum, at 32” O.C. and 2’-0” into new grout filled CMU. See Structural Drawings for details and required lintels at openings in new partition.”

2) **A102.3** – Area B1 Upper Level Floor Plan

- a) **Question:** Refer to drawing A102.1. There is a wall on the xB-R line between xB-3 and xB-4 that is a gyp.board stud partition. The same wall on the upper level drawing A102.3 is CMU. The adjacent spaces are open to below so this wall carries full height up to the roof deck above. Please clarify whether the wall is CMU or drywall. **Answer** Insert edits as shown on SKA-09 – Revised Area B2 Upper Level Plan (Partial) for clarification.

3) **A-110.8** – Roofing Details

- a) Insert Detail 49/ SKA01 (Typical Roof Edge Flashing Detail)

4) **A-501** – Wall Sections Wing-A

- a) **Question:** Detail 4/A501 is an example of similar details that indicate interior brick wythes that extend to the deck above. In these situations, can the brick be terminated 8" above the ceiling and just continue the 4" CMU to the deck. **Answer:** Brick and Block shall be installed as shown on Detail 4/A-501

5) **A-515** – Wall Sections

- a) Insert Detail 4/ SKA02 (Typical Base of Wall Flashing Detail)

6) **A-801.4** and **A-801.5**– Interior Elevation A-Wing

- a) **Question:** Refer to drawing A801.4. Note A2 indicates infills that are recessed in existing masonry openings and note A3 describes new openings where tothing is required. However, all elevations, whether tothing is graphically represented or not, are marked with note A1 which simply describes a new brick/CMU infill and leaves tothing unaddressed.. Please clarify which infills need to be toothed.?? **Answer:** Clarification – Note A1 is applicable to all in-fills whether toothed or not.
- i) Insert the following at the end of Note A2: “Brick in-fills that will be installed between two bull-nosed edges shall not be toothed, and shall be set back from the existing wall surface. Contractor shall verify in the field where this condition is required.”
 - ii) Insert the following at the end of Note A3: “Brick in-fills that are not between two bull-nosed edges shall be toothed into and be flush with the existing wall surface. Contractor shall verify in the field where this condition is required.”

7) **A-901** – Door Schedule

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- a) **Question:** *Sheet A-901 includes the B-Wing Main Floor Door Schedule; however, the widths of the columns are stretched and the header columns do not align with the detail columns below and information is missing. Please reissue a complete B Wing Main Floor Door Schedule that contains all of the requisite information. Thank you.* **Answer:** Delete Sheet A-901 in its entirety, and Insert the revised Sheet A-901_ADD-01 in its entirety.
- 8) **A-920** – Window Curtain Wall Schedule
- a) **Question:** *Detail C1/A920 is for fire rated aluminum windows. What specification section should be used for these windows? Please provide a new specification or additional information if applicable. Thank you.* **Answer:** Fire rated windows where required are Steel Framed Windows and shall comply with Specification Section 08 51 19 – Steel Windows. Delete fire rated note at Window Type Detail C1/A-920, and insert the following in lieu thereof: “Window C1 shall be a steel framed one-hour fire rated frame and glazing unit.”
- 9) **FI-903** – Room Finish Schedule
- a) **Question:** *On Sheet FI-103.1, "QT", used elsewhere to denote quarry tile, is indicated as the flooring in the Wait Station C167 with bamboo flooring stopping at the transition from Restaurant C166; however, the Room Finish Schedule on FI-903 indicates that C167 should be bamboo wood. Please clarify if Wait Station C167 should have quarry tile or bamboo flooring. Thank you.* **Answer:** The Quarry Tile "QT" finish illustrated on Drawing FI-103.1 is correct. The Room Finish Schedule on Sheet FI-903, shall be corrected as follows:
WAIT STATION C167 - Floor: Quarry Tile / Floor Color Number: QT-1 / Base: Quarry Tile / Base Color Number QTB-1
- 10) **EQ-106** – Equipment Plans – Manufacturing Cosmetology
- a) *Sheet EQ-106, Shop Equipment Schedule - Manufacturing, lists various items and indicates if they are new or existing or both, who furnishes the items, and who installs the items.*
- A. Question:** *Item 9A, Band Saw, is specified as new; however, it does not indicate who should furnish this item and who should install this item. Please indicate who should furnish this item and who should install this item.* **Answer:** Add black dot at Item 9A, in the “Furnished & Installed by Owner” column.
- B. Question:** *Item 12, 7" Pedestal Grinder, is partially specified as new; however, it does not indicate who should furnish the new items and who should install the new items. Please indicate who should furnish the new items and who should install the new items.* **Answer:** Add black dot at Item 12, in the “Furnished & Installed by Owner” column.
- C. Question:** *Item 13, 10" Pedestal Grinder, is partially specified as new; however, it does not indicate who should furnish the new items and who should install the new items. Please indicate who should furnish the new items and who should install the new items.* **Answer:** Add black dot at Item 13, in the “Furnished & Installed by Owner” column
- D. Question:** *Item 14, Press, is partially specified as new; however, it does not indicate who should furnish the new items and who should install the new items. Please indicate who should furnish the*



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new items and who should install the new items. **Answer:** Add black dot at Item 15, in the “Furnished & Installed by Owner” column.

E. Question: Item 17, Vertical Milling Machines, is specified as new; however, it does not indicate who should furnish the new items and who should install the new items. Please indicate who should furnish the new items and who should install the new items. **Answer:** Add black dot at Item 17, in the “Furnished & Installed by Owner” column.

F. Question: Item 18, Emergency Shut-Off Switch, is not listed as existing or new. Please confirm that this item should be new. **Answer:** Item 18 is new. Add black dot at item 18, in the “New” column to indicate item is new.

G. Question: Item 19, Work Bench, is specified as new; however, it does not indicate who should furnish the new items and who should install the new items. Please indicate who should furnish the new items and who should install the new items. **Answer:** Add black dot at Item 19, in the “Furnished & Installed by Owner” column

H. Question: Item 20, Work Bench (ADA), is specified as new; however, it does not indicate who should furnish the new items and who should install the new items. Please indicate who should furnish the new items and who should install the new items. **Answer:** Add black dot at Item 20, in the “Furnished & Installed by Owner” column.

I. Question: Item 21, Optical Comparator, is specified as new; however, it does not indicate who should furnish the new items and who should install the new items. Please indicate who should furnish the new items and who should install the new items. **Answer:** Add black dot at Item 21, in the “Furnished & Installed by Owner” column

J. Question: Item 28A, Snorkel Exhaust, is specified as existing; however, it is also listed as furnished and installed by G.C. Is this existing and to be furnished by G.C.? Please clarify. **Answer:** Delete black dot at Item 28A, in the “Existing” column, indicating the snorkel exhaust as existing. Insert black dot at Item 28A, in the “New” column, indicating snorkel exhaust as new.

K. Question: Item 42, Flammable Storage Cabinet, is listed; however, it does not indicate if this item is new or existing, who should furnish this item, and who should install this item. Please indicate if this item is new or existing, who should furnish this item and who should install this item. **Answer:** Insert black dot at Item 42 in the “New” column. Insert black dot at Item 42 in the “Furnished by GC - Installed by GC” Column.

VOLUME 3 OF 3 – MECHANICAL, ELECTRICAL, PLUMBING FIRE PROTECTION, SECURITY

1) ES-101

- a) Revised drawing to show only electric service, telephone/data service, power distribution, branch circuiting and related details and notes. Refer to new drawing ES-102 for all site lighting information.

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- 2) **ES-102**
 - a) New drawing showing only site lighting, circuiting, lighting details and notes.
- 3) **E-001.1**
 - a) Added telephone/data system conduits continued from the site plan power.
- 4) **E-002.1**
 - a) Added 1/4" scale detail of boiler room and electrical rooms and plan detail reference.
- 5) **E-102.1**
 - a) Corrected shop equipment schedules and plan equipment labeling.
 - b) Corrected reference to service grounding detail.
- 6) **E-102.2**
 - a) Corrected shop equipment schedules and plan equipment labeling.
 - b) Added homerun to manufacturing buss duct to coordinate with one line diagram.
- 7) **E-003.1**
 - a) Added additional lighting, branch circuiting and controls in tunnel areas.
 - b) Added fire alarm devices in tunnel areas.
 - c) Added convenience receptacles in tunnel areas.
- 8) **E-003.2**
 - a) Added additional lighting, branch circuiting and controls in tunnel areas.
 - b) Added fire alarm devices in tunnel areas.
 - c) Added convenience receptacles in tunnel areas.
- 9) **E-103.1**
 - a) Corrected reference to service grounding detail.
- 10) **E-103.2**
 - a) Corrected details 1, 2, and 3.
 - b) Revised fire alarm pull station locations in corridor and stage.
- 11) **E-104.2**
 - a) Corrected shop equipment schedules and plan equipment labeling.
- 12) **E-104.4**
 - a) Deleted compressor in storage area C105.
- 13) **E-105.1**
 - a) Deleted empty conduits to courtyard and site.
- 14) **E-201.3**
 - a) Added exit lights in room A210.



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15) **E-202.1**

- a) Added exit lights in room B125.

16) **E-202.2**

- a) Added occupancy sensor control to platform lighting.

17) **E-203.1**

- a) Added exit lights in room C166.

18) **E-204.2**

- a) Added occupancy sensor control to platform lighting.

19) **E-204.3**

- a) Revised circuiting of AOR in stair D1.

20) **E-205.2**

- a) Revised circuiting of AOR in stair E1.

21) **E-401**

- a) Added note #6.
- b) Added missing panels
- c) Identified all two section panels.
- d) Removed disconnect switches on primary side of transformers.
- e) Removed disconnect switch serving boiler.

22) **E-501**

- a) Corrected lighting control riser diagram to coordinate with relay schedules.
- b) Corrected lighting control relay schedule.
- c) Deleted unused relay schedules.

23) **E-503**

- a) Corrected relay loads in schedules with lighting branch circuiting.
- b) Coordinated lighting relay schedule with relay schedule on Sheet E-501.
- c) Deleted unused relay schedules.

24) **E-605**

- a) Revised panel schedules RP-K and RPD3.

25) **E-607**

- a) Revised panel schedules ELK and ELB.

26) **E-608**

- a) Deleted duplicated relay schedules.
- b) Added missing panel schedules.



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Attachments:

- 1) Drawing SKA-01 – Typical Roof Edge Flashing Detail.
- 2) Drawing SKA-02 – Typical Base of Wall Flashing Detail.
- 3) Drawing SKA-03 – Revised Area B1 Main Level Plan (Partial)
- 4) Drawing SKA-04 - Revised Partial B-Wing - West Elevation (Partial)
- 5) Drawing SKA-05 - Revised Wall Section at B-Wing (Partial)
- 6) Drawing SKA-06 - Revised Wall Section at Wing B (Partial)
- 7) Drawing SKA-07 - Revised Head/Jamb/Sill Details
- 8) Drawing SKA-08 - Revised Window Types (Partial)
- 9) Drawing SKA-09 – Revised Area B2 Upper Level Plan (Partial)
- 10) Drawing Sheet A-901 – Door Schedule
- 11) Drawing ES-101 – Electrical Site Utility Plan
- 12) Drawing ES-102 – Site Plan Lighting – New Drawing
- 13) Drawing E-001.1 – Area A1 Tunnel Plan - Lighting & Electrical
- 14) Drawing E-002.1 – Area B1 Tunnel Plan - Lighting & Electrical
- 15) Drawing E-102.1 – Area B1 Main Level - Electrical
- 16) Drawing E-102.2 – Area B2 Main Level - Electrical
- 17) Drawing E-003.1 – Area C1 Tunnel Plan - Lighting & Electrical
- 18) Drawing E-003.2 – Area C2 Tunnel Plan - Lighting & Electrical
- 19) Drawing E-103.1 – Area C1 Main Level - Electrical
- 20) Drawing E-103.2 – Area C2 Main Level - Electrical
- 21) Drawing E-104.2 – Area D2 Main Level - Electrical
- 22) Drawing E-104.4 – Area D3 Main Level - Electrical
- 23) Drawing E-105.1 – Area E Main Level - Electrical
- 24) Drawing E-201.3 – Area A1 Upper Level - Lighting
- 25) Drawing E-202.1 – Area B1 Main Level – Lighting
- 26) Drawing E-202.2 – Area B2 Main Level – Lighting
- 27) Drawing E-203.1 – Area C1 Main Level – Lighting
- 28) Drawing E-204.2 – Area D2 Main Level – Lighting
- 29) Drawing E-204.3 – Area D1 Upper Level - Lighting
- 30) Drawing E-205.2 – Area E Upper Level – Lighting
- 31) Drawing E-401 – Single Line Diagram Electrical
- 32) Drawing E-501 – Lighting Control Details Electrical
- 33) Drawing E-503 – Lighting Control Details Electrical
- 34) Drawing E-605 – Electrical Panel Schedules
- 35) Drawing E-606 – Electrical Panel Schedules
- 36) Drawing E-608 – Electrical Panel Schedules

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WATER CUT-OFF MASTIC
 COUNTER SUNK SELF TAPPING
 SCREW SECURED TO STEEL ANGLE
 @ 12" O.C. MAX
 COMPRESSIBLE FILLER
 WEEPS AT 32" O.C.
 (COLOR TO MATCH MORTAR)
 CONTINUOUS SEALANT OR WATER
 CUT-OFF MASTIC
 4" FACE BRICK
 DAMP PROOFING
 1-1/2" RIGID INSULATION

.050" ALUMINUM FASCIA COVER ON
 EXTRUDED ALUMINUM ANCHOR BAR,
 SECURE WITH MANUFACTURER STAINLESS
 STEEL FASTENERS

FASTEN BASE AND CAP SHEET
 MEMBRANE TO PRESSURE
 TREATED BLOCKING

BUILT -UP 2X CONTINUOUS PRESSURE
 TREATED BLOCKING

1/2" DIAMETER X 8" LONG ANCHOR BOLT
 @ 38" O.C. STAGGERED

CMU BACK-UP

CAP FLASHING MEMBRANE

BASE FLASHING MEMBRANE

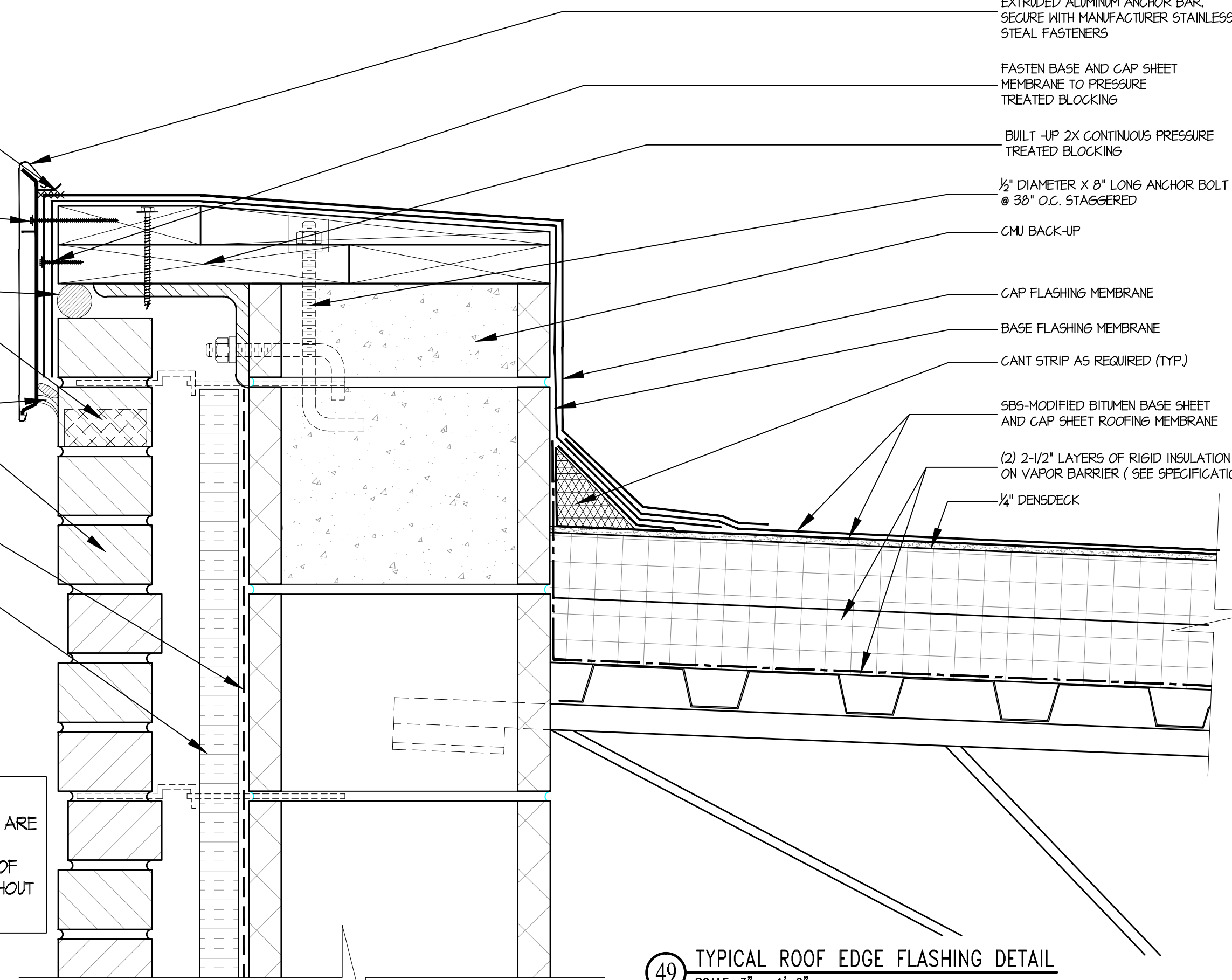
CANT STRIP AS REQUIRED (TYP.)

SBS-MODIFIED BITUMEN BASE SHEET
 AND CAP SHEET ROOFING MEMBRANE

(2) 2-1/2" LAYERS OF RIGID INSULATION
 ON VAPOR BARRIER (SEE SPECIFICATION)

1/4" DENSDECK

THIS DETAIL IDENTIFIES TYPICAL
 COMPONENTS AND MATERIALS THAT ARE
 MINIMALLY REQUIRED IN THE
 ARRANGEMENT SHOWN, AT EACH ROOF
 EDGE FLASHING CONDITION THROUGHOUT
 THIS PROJECT.



49 TYPICAL ROOF EDGE FLASHING DETAIL
 SCALE: 3" = 1'-0"

DRAWING NO. SKA-01

DRAWING TITLE: TYPICAL ROOF EDGE FLASHING DETAIL

REF. DWG: A110.8 (PART OF ADDENDUM - 01)

SCALE: 3" = 1'-0"

DRAWN BY: FIR

REVIEWED BY: DCF

DATE: 10 JULY 2012

JOB NUMBER: 11025

ELI WHITNEY CTHSS

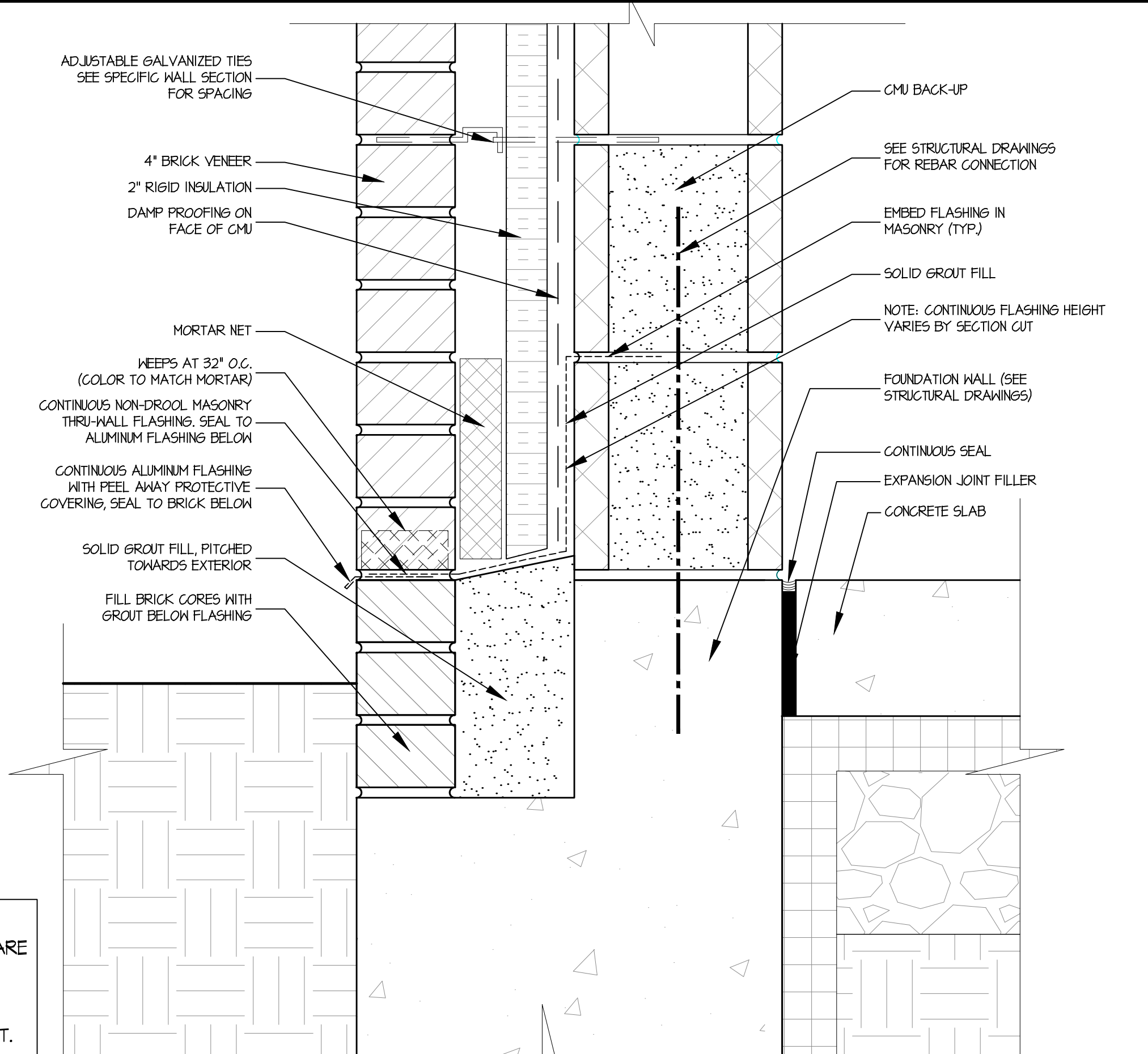
ADDITIONS AND RENOVATIONS

STATE PROJECT NUMBER: BL-RT-837

71 JONES ROAD

HAMDEN, CONNECTICUT

ANTINOZZI ASSOCIATES
 ARCHITECTURE & INTERIORS



ADJUSTABLE GALVANIZED TIES
SEE SPECIFIC WALL SECTION
FOR SPACING

4" BRICK VENEER
2" RIGID INSULATION
DAMP PROOFING ON
FACE OF CMU

MORTAR NET
WEEPS AT 32" O.C.
(COLOR TO MATCH MORTAR)
CONTINUOUS NON-DROOL MASONRY
THRU-WALL FLASHING. SEAL TO
ALUMINUM FLASHING BELOW
CONTINUOUS ALUMINUM FLASHING
WITH PEEL AWAY PROTECTIVE
COVERING, SEAL TO BRICK BELOW

SOLID GROUT FILL, PITCHED
TOWARDS EXTERIOR
FILL BRICK CORES WITH
GROUT BELOW FLASHING

CMU BACK-UP

SEE STRUCTURAL DRAWINGS
FOR REBAR CONNECTION

EMBED FLASHING IN
MASONRY (TYP.)

SOLID GROUT FILL

NOTE: CONTINUOUS FLASHING HEIGHT
VARIES BY SECTION CUT


FOUNDATION WALL (SEE
STRUCTURAL DRAWINGS)

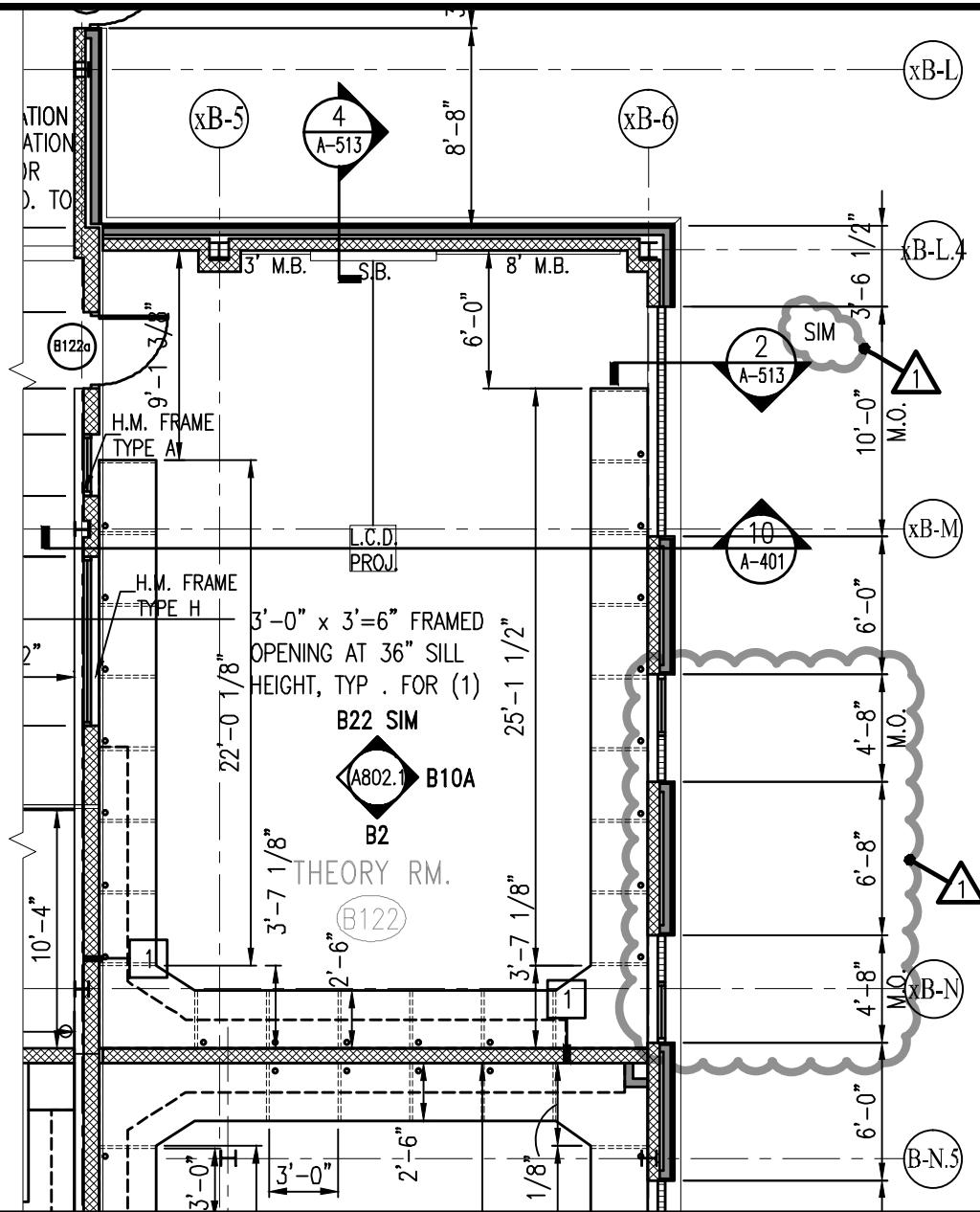
CONTINUOUS SEAL
EXPANSION JOINT FILLER

CONCRETE SLAB

THIS DETAIL IDENTIFIES TYPICAL
COMPONENTS AND MATERIALS THAT ARE
MINIMALLY REQUIRED IN THE
ARRANGEMENT SHOWN, AT EACH
MASONRY BASE WALL FLASHING
CONDITION THROUGHOUT THIS PROJECT.

4 TYPICAL BASE OF WALL FLASHING DETAIL
SCALE: 3" = 1'-0"

DRAWING NO.	SKA-02		
	JOB NUMBER: 11025		
DRAWING TITLE:	TYPICAL BASE OF WALL FLASHING DETAIL		
	REF. DWG: A-515 (PART OF ADDENDUM - 01)	REVIEWED BY: DCF	DATE: 10 JULY 2012
SCALE:	3" = 1'-0"	DRAWN BY: FIR	
ELI WHITNEY CTHSS ADDITIONS AND RENOVATIONS STATE PROJECT NUMBER: BI-RT-837 71 JONES ROAD HAMDEN, CONNECTICUT			
 ANTINOZZI ASSOCIATES ARCHITECTURE & INTERIORS			



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 ARCHITECTURE & INTERIORS

ELI WHITNEY CTHSS
 ADDITIONS AND RENOVATIONS
 STATE PROJECT NUMBER: BI-RT-837
 71 JONES ROAD
 HAMDEN, CONNECTICUT

DRAWING TITLE:
 REVISED AREA B1 MAIN LEVEL PLAN (PARTIAL)

DRAWING NO.

SKA-03

REF. DWG.: A-102.1 (PART OF ADDENDUM - 01)

SCALE: 1/8" = 1'-0"	DRAWN BY: JDS	REVIEWED BY: DCF	DATE: 10 JULY 2012	JOB NUMBER: 11025
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EXISTING CONCRETE
REPLACE WITH NEW
REINFORCED CONCRETE CAP

REPOINTED
FROM BASE
CHIMNEY IS
FROM TOP OF

BRICK VENEER
SEE PCB
SCHEDULES

xB-S

xB-R

xB-Q

xB-P

xB-N

xB-M

1
A-513

3
A-513

2
A-513

10'-0" X 10'-0" GLASS
BLOCK PANEL - TYPICAL

PREFINISHED CORRUGATED
ALUMINUM PANELS COLOR C5

LOCATION OF EXTERIOR LIGHTING,
SEE SITE ELECTRICAL DRAWING
FOR SPECIFIC TYPE, (TYP.)

3
A-513 SIM

10
A-401

10'-0" X 10'-0"
GLASS BLOCK PANEL:
1-HR FIRE-RATED
BLOCK (8" X 8")

2
A-513 SIM

MATCHLINE B1 WING
MATCHLINE B2 WING

D2

D2

D2

D2

D3

D3

GRADE

DOOR AND FRAME - SEE
DOOR SCHEDULE

5'-0" X 5'-0" GLASS BLOCK
PANEL WITH OPERABLE
WINDOW SECTION - TYPICAL

PRECAST ARCHITECTURAL
CONCRETE SILL - TYPICAL

4'-8" X 4'-8" GLASS BLOCK
PANEL WITH OPERABLE
WINDOW SECTION: 1-HR
FIRE-RATED BLOCK (8" X 8")
AND WINDOW ASSEMBLY

REFER TO EXISTING EXTERIOR ELEVATION DEMOLITION
DRAWINGS ON D-110 & D-111 FOR EXTENT OF EXTERIOR
WALLS REMOVAL INCLUDING WINDOW REPLACEMENT

DRAWING NO. SKA-04

DRAWING TITLE: REVISED PARTIAL "B" WING - WEST ELEVATION (PARTIAL)

REF. DET.: 2A/A-303 (PART OF APPENDUM - 01)

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

DATE: 10 JULY 2012

DESIGNED BY: IDS

CHECKED BY: DCF

JOB NUMBER: 11025

ELI WHITNEY CTHSS

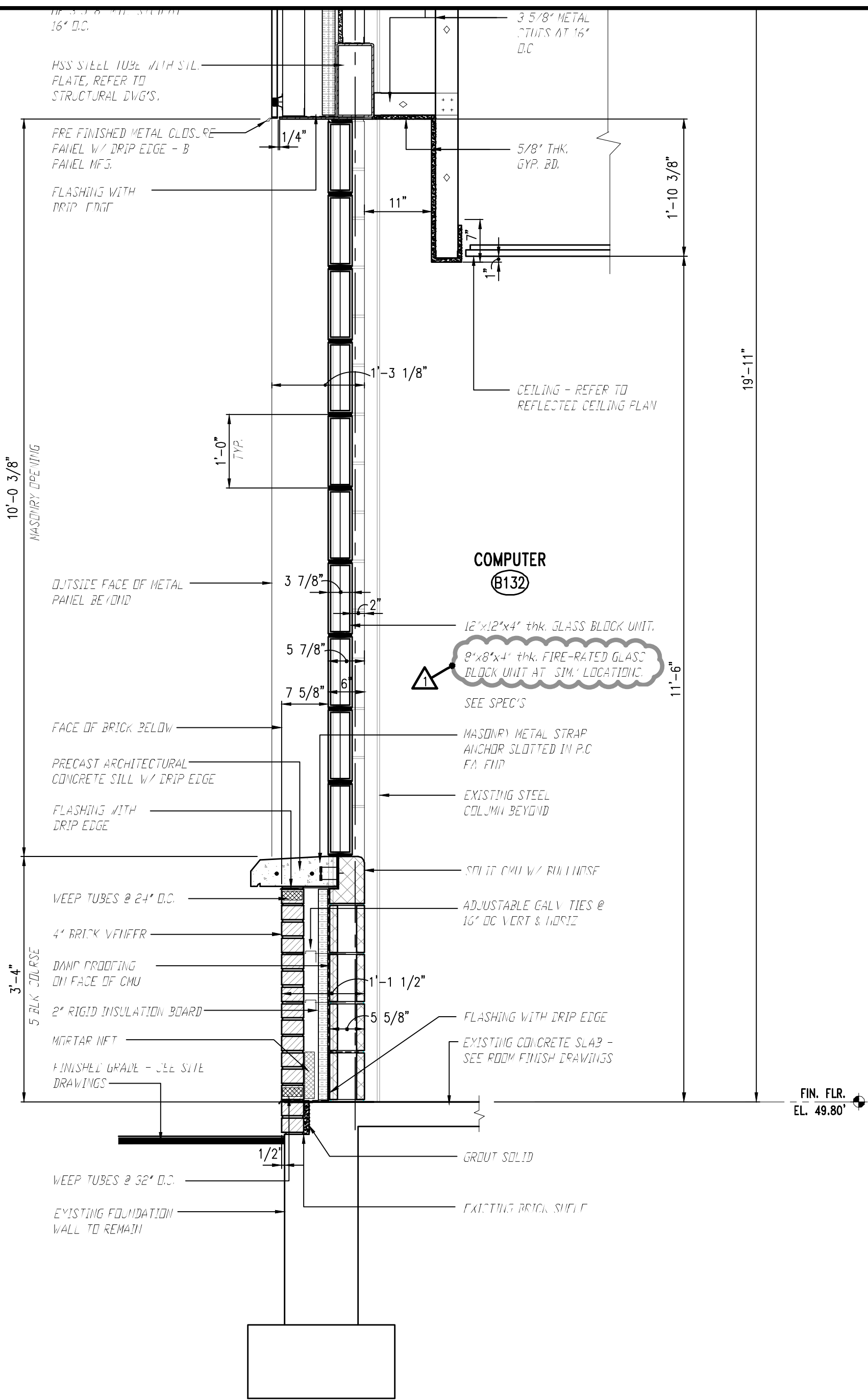
ADDITIONS AND RENOVATIONS

STATE PROJECT NUMBER: BL-RT-837

71 JONES ROAD
HAMDEN, CONNECTICUT



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2 WALL SECTION AT - WING "B"
 SCALE: 3/4" = 1'-0"



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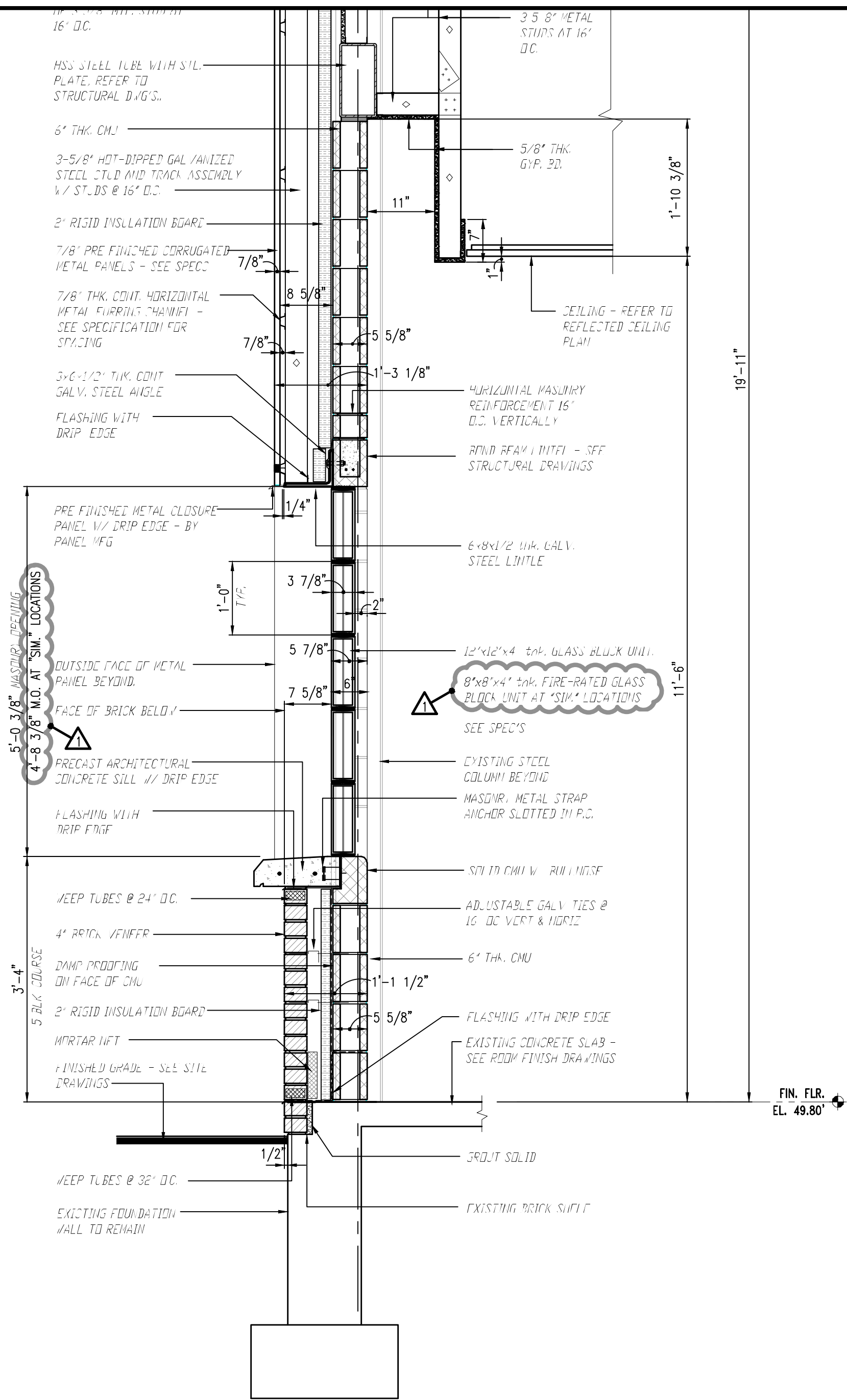
DRAWING TITLE:
 REVISED WALL SECTION AT - WING "B" (PARTIAL)

DRAWING NO.

SKA-05

REF. DWG.: A-513 (PART OF ADDENDUM - 01)

SCALE: AS NOTED	DRAWN BY: JDS	REVIEWED BY: DCF	DATE: 10 JULY 2012	JOB NUMBER: 11025
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3 WALL SECTION AT - WING "B"
 SCALE: 3/4" = 1'-0"

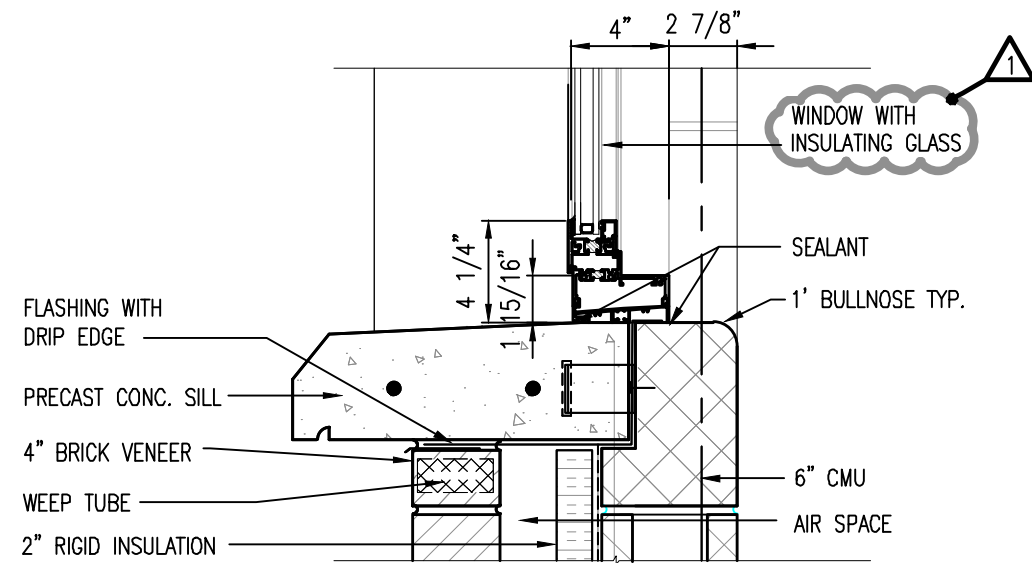


ELI WHITNEY CTHSS
 ADDITIONS AND RENOVATIONS
 STATE PROJECT NUMBER: BI-RT-837
 71 JONES ROAD
 HAMDEN, CONNECTICUT

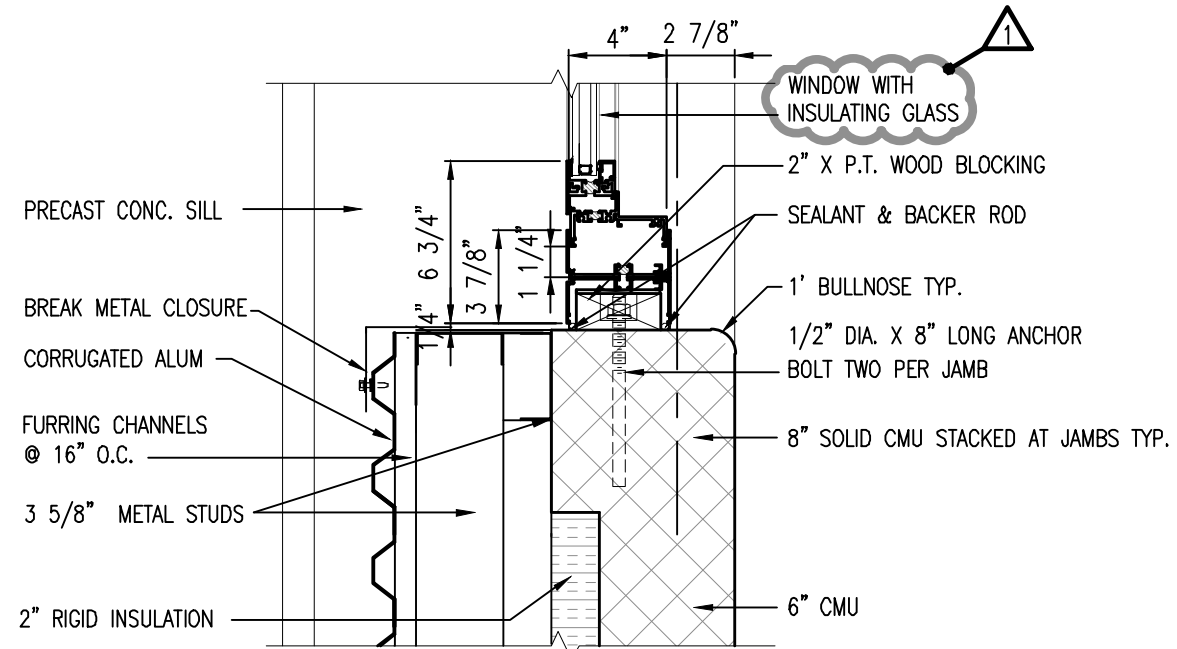
DRAWING TITLE:
 REVISED WALL SECTION AT - WING "B" (PARTIAL)

DRAWING NO.
SKA-06

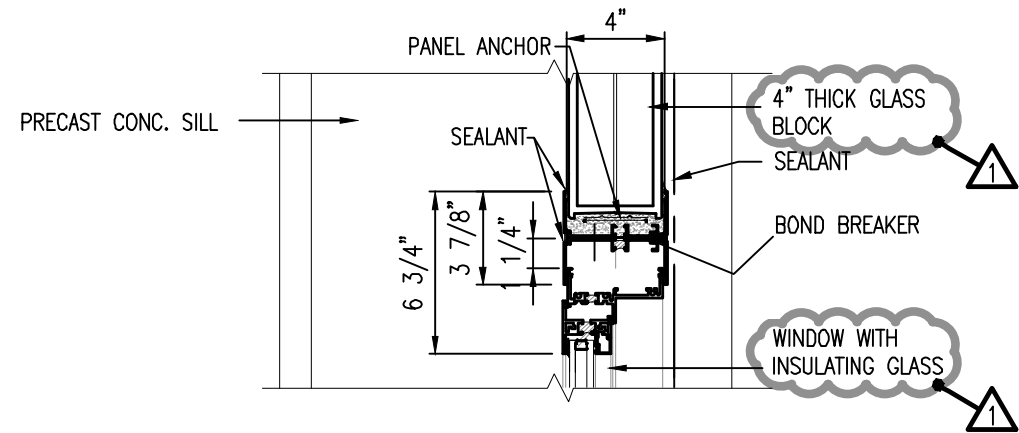
REF. DWG.: A-513 (PART OF ADDENDUM - 01)		DATE: 10 JULY 2012		JOB NUMBER: 11025	
SCALE: AS NOTED	DRAWN BY: JDS	REVIEWED BY: DCF			



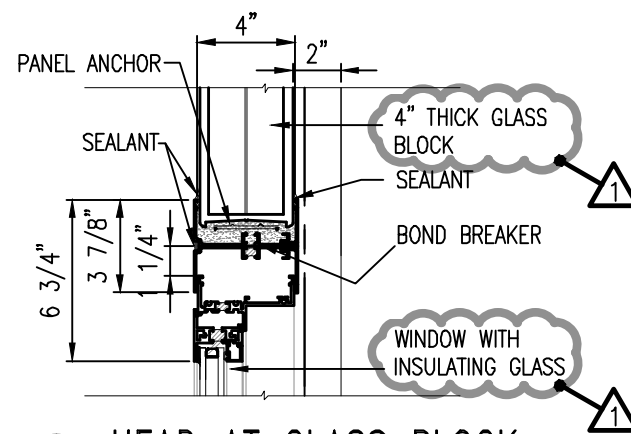
A SILL
SCALE: 1 1/2" = 1'-0"



B JAMB
SCALE: 1 1/2" = 1'-0"

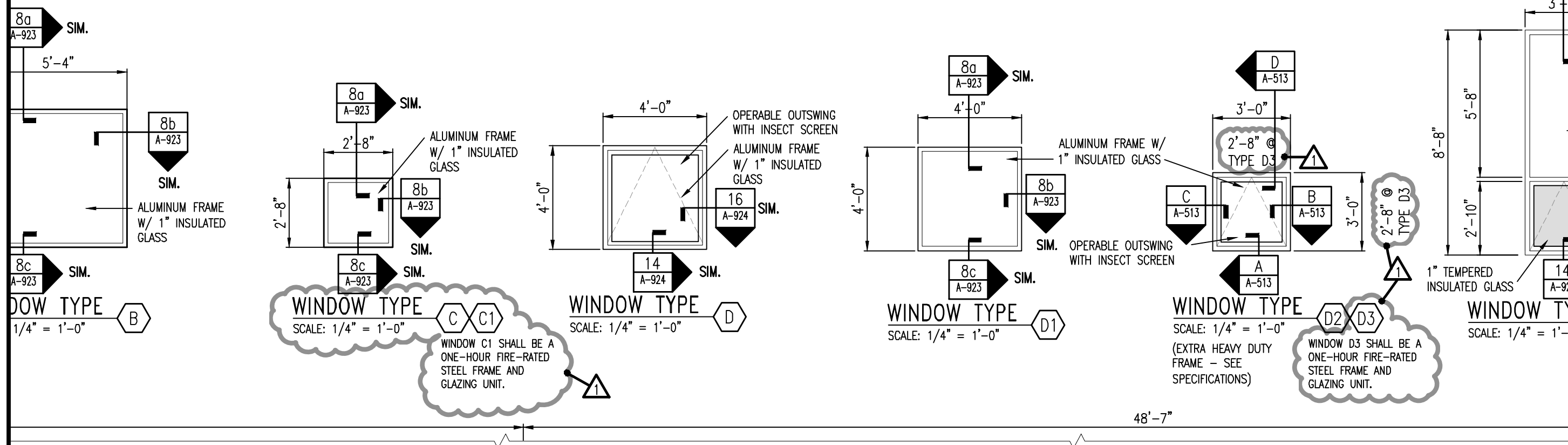


C JAMB AT GLASS BLOCK
SCALE: 1 1/2" = 1'-0"

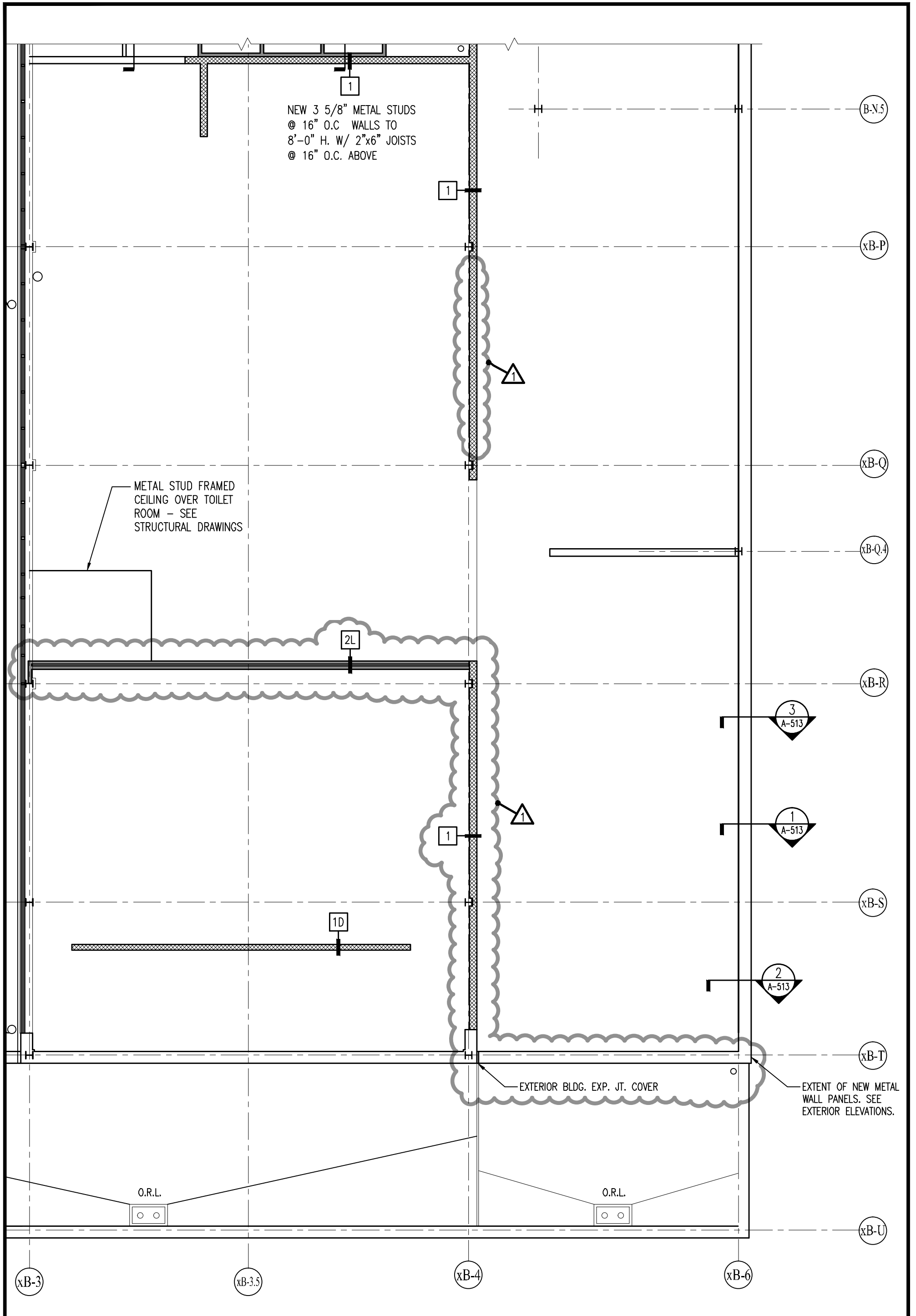


D HEAD AT GLASS BLOCK
SCALE: 1 1/2" = 1'-0"

ALL SCHEDULE - (NEW OPENINGS)



<p>ANTINOZZI ASSOCIATES ARCHITECTURE & INTERIORS</p>	<p>ELI WHITNEY CTHSS ADDITIONS AND RENOVATIONS STATE PROJECT NUMBER: BL-RT-837 71 JONES ROAD HAMDEN, CONNECTICUT</p>		<p>REVISED WINDOW TYPES (PARTIAL)</p>	<p>SKA-08</p>
	<p>DRAWING NO. 40 A-923</p>	<p>DATE: 10 JULY 2012</p>	<p>JO3 NUMBER: 11025</p>	<p>REF. DWG: A-920 (PART OF ADDENDUM - 01)</p>
<p>SCALE: AS NOTED</p>	<p>DRAWN BY: JDS</p>	<p>REVIEWED BY: DCF</p>	<p>DATE: 10 JULY 2012</p>	<p>JO3 NUMBER: 11025</p>



ANTINOZZI ASSOCIATES
ARCHITECTURE & INTERIORS

ELI WHITNEY CTHSS
ADDITIONS AND RENOVATIONS
STATE PROJECT NUMBER: BI-RT-837
71 JONES ROAD
HAMDEN, CONNECTICUT

DRAWING TITLE:
REVISED AREA B2 UPPER LEVEL PLAN (PARTIAL)

DRAWING NO.

SKA-09

REF. DET: 1/A-102.3 (PART OF ADDENDUM - 01)

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

DRAWN BY:
JDS

REVIEWED BY:
DCF

DATE:
10 JULY 2012

JOB NUMBER:
11025