

ADDENDUM NO. 2

City of Franklin
Engineering Office
109 Third Avenue South
Franklin, TN 37064

Contract No. 2023-0050
Project Southeast Municipal Complex

Date of Issuance 09/19/2024

You are directed to make the following changes in the Contract Document:

Description:

- I) The **Deadline for Submittal of Final Questions** has been **Extended to Friday, September 27, 2024 at 5:00 PM** (Central Time).

- II) The following revised and/or additional documents are provided with this addendum:
 - a. **Section 000000 - Table of Contents** as **Attachment A** is the revised Table of Contents for Division 00 through 49 of the Specifications for the Southeast Municipal Complex, which was originally listed under **Article 1 of Appendix C**.
 - b. **Document 000107S1 - Seals Supplement 1** as **Attachment B** is the updated seal for the design professional of record for Section 095113.
 - c. **Section 002114 - Supplemental Instructions to Bidders - Sports Field Contractors Pre-Qualifications** as **Attachment C** has been revised to contain one (1) additional sports field contractor that has met the pre-qualifications requirements.
 - d. **Section 095113 Acoustical Panel Ceilings** as **Attachment D** is a new section that has been added to the Specifications to address questions and provide clarity.
 - e. **Section 096513 SF - Resilient Base and Accessories** as **Attachment E** has been updated to show that the section has been “deleted in its entirety.”
 - f. **Section 096519 SF - Resilient Tile Flooring** as **Attachment F** has been updated to show that the section has been “deleted in its entirety.”
 - g. **Section 096813 SF - Tile Carpeting** as **Attachment G** has been updated to show that the section has been “deleted in its entirety.”
 - h. A **Cut Sheet for Hager Hinge BB1193 Full Mortise Reverse Safety Stud Template Hinges** has been added as **Attachment H** in response to Question 11.
 - i. Plans Drawing **MB-A6.42, Wall Sections**, for the **Maintenance Building** has been updated and provided as **Attachment I** in response to Question 56.
 - j. Plan Drawing **MB-S1.02, Roof Framing Plan**, for the **Maintenance Building** has been updated and provided as **Attachment J** in response to Question 16.
 - k. Plan Drawing **MB-S7.21, Framing Details**, for the **Maintenance Building** has been updated and provided as **Attachment K** in response to Question 16.
 - l. A **Cut Sheet for McKinney TA2314 Five Knuckle Standard Weight Hinge** has been added as **Attachment L** in response to Question 11.

- m. The **Musco Lighting (Sports Field Lighting) Control System Summary**, which is a portion of **Section 016400 - Attachment B - Musco Sports Field Lighting and MuscoVision Package** in the Project Specifications of **Appendix C** has been revised and is included as **Attachment M**.

III) Questions & Clarifications:

Q11	Question: The Hager Hinges, BB1193SH do not exist and have never been a Hager product according to their reps. Is this a typo, possibly a BB1191 or BB1199? Please advise.
A11	Answer: Hager Hinge BB1193SH cut sheet is included. Equivalent manufacturer hinge McKinney TA2314 is acceptable.
Q12	Question: The Yale Locksets “Co-5405 / JN-4648L” are also not something we can find in any Accentra (formerly Yale) catalog. Are these to be the 5400LN series? Please advise
A12	Answer: Lockset is the 5400LN series 5405LN Storeroom Lever Lockset.
Q13	Question: Will Rockwood and Pemko be acceptable alternates for Door Hardware flatgoods and weatherstripping?
A13	Answer: These are acceptable manufacturers. Submittals required by Specifications are still required for architects’ approval of equal product.
Q14	Question: Specifications have sections for Resilient Base, Resilient Tile Flooring and Tile Carpeting; but the drawings for the individual buildings only show a urethane floor finish. Please confirm the only floor finish on the project is the Urethane flooring and please provide a specification section for that floor system.
A14	Answer: Information on urethane flooring is provided in the Interior Painting specification 099123-4, 3.4 Interior Painting Schedule, A. Concrete Substrates. No other flooring applies to project.
Q15	Question: Please provide specification section and preferred manufacturer for the Acoustic Ceiling Tiles in the Maintenance Building.
A15	Answer: See new specification section 095113 included in Addendum 2.
Q16	Question: MB-S1.02 and 4/MB-S7.21 Please provide beam size at porch.
A16	Answer: See revised drawings included in Addendum 2.
Q17	Question: Please provide a specified brick or a material allowance for the brick veneer.
A17	Answer: Price based on brick specified in section 042613 (Section 2.2) using manufacture’s full range of standard colors and textures for submittal for architect/owner selection as specified.

Q18	Question: Appendix B - Permits. Please confirm we are to carry no costs of permits in our proposal.
A18	Answer: The Contractor will not carry permit costs. The City will either pay permit fees directly or reimburse the Contract for payment of such fees.
Q19	Question: Specification Section 085659 Service Window Units specify a Horton Automatic unit, but the drawings for the Concessions Building note a transaction unit by QuikServ. Please provide a model number for the QuikServ unit.
A19	Answer: Use the Horton Automatics specified – window unit type 8900 X-O, 48” wide x 30” high, and coordinate actual unit size with storefront window system and rolling counter shutter shown in 5/CR-A9.01 to accommodate actual unit sizes.
Q20	Question: Confirm Davis-Bacon Wages are not required on this project.
A20	Answer: Davis-Bacon Wages are not required on this project.
Q21	Question: Please provide the anticipated start time for the project.
A21	Answer: The City intends to start work project promptly after the official award of the project by the Board of Mayor and Aldermen (BOMA) and the Pre-Construction is held.
Q22	Question: Confirm the bid is to be priced as a classified site.
A22	Answer: All Bidders are required to base their Bids on the information provided in the Bidding Documents. Please note that the project should be priced according to the details and conditions outlined in these documents, without consideration of any additional site classifications.
Q23	Question: The contours are all marked with elevation 0 in the CADD file provided. Please provide an updated file that has elevations built into the contour lines.
A23	Answer: This information has been provided to the City on 09-06-24 to be included in the addendum.
Q24	Question: Please provide the scheduled date for the site visit or available dates to select from.
A24	Answer: Plan holders are welcome and encouraged to visit the site with a City escort. Please contact the City’s Project Manager, Shahad Abdulrahman, at (615) 791-3218 ext. 6708 or at Shahad.Abdulrahman@franklintn.gov to schedule a date & time for a site visit.
Q25	Question: Please confirm spec sections 096519-Resilient Tile Flooring and 096813-Tile Carpeting are not applicable to the project and Room Finish Schedules on CR-A1.01, IP-A1.02, MB-A1.01, and SB-A1.01 show the desired floor finishes in each building.

A25	Answer: These products are no longer applicable to this project. See Interior Painting specification 099123-4, 3.4 Interior Painting Schedule, A. Concrete Substrates for floor finishes. No other flooring applies to project.
Q26	Question: Please provide additional information regarding the urethane flooring. There is no specification provided.
A26	Answer: Information on urethane flooring is provided in Interior Painting specification 099123-4, 3.4 Interior Painting Schedule, A. Concrete Substrates.
Q27	Question: Please clarify if contractor needs to carry the cost of meter and tap fees. If the contractor is responsible for the cost of the meters, please provide the meter fee amount.
A27	Answer: No, the City will directly pay the cost of the meter and tap fees.
Q28	Question: Is the project manual available for download in electronic document format.
A28	Answer: Yes, a watermarked copy is already available on the City of Franklin's " Business Opportunities with the City* " webpage. A link to a shared folder will be provided to all official plan holders that will allow them to download a copy of the revised Project Manual <i>without</i> any watermarks.
Q29	Question: Article 12 of the Instructions to Bidders for Construction Contract states all blanks on the bid form must be completed in ink and the Bid Form signed in ink. Will it be allowed to have some of the blanks prefilled out in electronic format and then printed and clearly legible as stated further down Article 12.02.
A29	Answer: No, the forms must be typed or handwritten in ink. The City is working to transition to a digital bidding system, but it is not in-place for this project.
Q30	Question: For the submission, will an acknowledgement of the Project Manual be sufficient or does the entire Project Manual, as was received in hard copy and bound, need to be submitted as part of the bid.
A30	Answer: The Project Manual needs to be submitted in its entirety, as received, as part of the Bid, with any revised forms attached to the page(s) to which it/they is/are intended to replace via staple. For the purposes of this Bid Submittal, a single staple at the top of the page is sufficient attachment.
Q31	Question: Will it be allowed to extract, as a scanned and printed copy, all the required Bid Forms provided in the Contract Documents as part of the bounded-Project Manual and provide them on top of the Project Manual.
A31	Answer: No, documents cannot be grouped on top of the manual, however, they can be copied and affixed (i.e. stapled) to their original sheet location.

Q32	Question: On the bid form, alternates 3b and 5b appear to be the same. Please clarify if both alternates need to be included.
A32	Answer: They're the same material but the items listed under number 5 are additional work as requested by the engineer, if needed.
Q33	Question: On the bid form, alternates 3d and 5c appear to be the same. Please clarify if both alternates need to be included.
A33	Answer: See answer to question 32.
Q34	Question: Is there an intended design load for the fence?
A34	Answer: Refer to Specification section 323113 - 2.1.A Structural Performance requirements for chain link fence design load requirements.
Q35	Question: ES-1.01 Keynote 8 notes Parking Lighting Circuits to be fed from DP-CB however Panel DP-CB is not found on the Electrical Panel Schedule. Please confirm this should be Panel DP-CR1.
A35	Answer: Yes, panel label should be DP-CR1 instead of DP-CB. DP-CR1 includes two circuits for parking lot lighting.

Q36	<p>Question: ES-10.6, The Communications Conduit (CC) for the Security Camera (Circuit RP-IP:28) does not extend to ES-1.05. Is there supposed to be a continuation or another pole location? (see image below)</p>
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A36	<p>Answer: Sheet ES1.05 shows the continuation of the conduit.</p>
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Q37	<p>Question: Can the rootzone mixture be blended off site and placed in 1 lift? Spreading the root zone mixture on top of the drainage system, then blending can cause catastrophic failure to the drain system if the blending implement tears the fabric around the drains.</p>
A37	<p>Answer: Yes, it is acceptable to blend rootzone mixture off site in lieu of blending in place provided the sand to topsoil ratio specified is achieved.</p>

Q38	Question: It was mentioned in the Pre-Bid meeting that excess spoils can be stored and spread on site. Please verify this is correct.
A38	Answer: This is the City's intent; however, the Contractor must coordinate closely with the City and its designer to ensure that no excess material is placed in areas that could adversely impact the City's approved Conditional Letter of Map Revision (CLOMR) for the site. The City will collaborate with the Contractor to identify on-site locations where excess spoils can be managed. Nonetheless, it is ultimately the Contractor's responsibility and expense to identify an alternate offsite location for any excess spoils that cannot be accommodated on-site.
Q39	Question: Detail 3/C4.3 Major and Minor Collector Pavement Section (CoF Drawing RD-2) notes 4' of borrowed excavation (graded solid rock) to be used under the roadway between Stations 8+50-16+00 and 20+00-49+00. Please verify if this borrowed rock will be used from Item 3b Borrowed Excavation noted on the Bid Form.
A39	Answer: No. The graded solid rock for detail 3/C4.3 is to be included in the lump sum bid item number 1
Q40	Question: Please verify who will be responsible for the Access Control System for the project and please confirm they will be providing the HID Keypad at the slide gates.
A40	Answer: City of Franklin IT will be responsible for configuring the access control system, we would like the Contractor to supply the HID Card reader, HID Signo 40, for all access-controlled points.
Q41	Question: It was mentioned in the Pre-Bid Meeting that there will be multiple City of Franklin staff members on site for the project. Will we need to provide a temporary office trailer for the City staff to use during the project?
A41	Answer: The City does not require this, but it is allowed.
Q42	Question: Specification 102113.17 note Phenolic-Core Toilet Compartments, but the drawings not Stainless-Steel Compartments. Please clarify which should be used in this project.
A42	Answer: Phenolic-Core Toilet Partitions are to be used.
Q43	Question: The Mirana Shelter, from Classic Recreation that houses the grills, is listed in bid for Franklin. It's on page 152 but not listed as owner-provided materials in Appendix C. Can you confirm if it is owner purchased?
A43	Answer: The Mirana Shelter over the grill area will be provided by the Owner and installed by the contractor.

Q44	Question: The Site Electrical Plans (ES series) do not show light fixtures at the bridge (ES-1.07) but the Site Lighting Calculations (LC series) show 10 additional R1 fixtures at the bridge. Are these fixtures existing or are they to be added to this project?
A44	Answer: The lighting on the bridge was installed under a previous contract.
Q45	Question: The Site Lighting Calculations (LC) drawings shows fewer P1 fixtures that what is shown on Site Electrical Plan (ES). Which drawings set should be used for site lighting quantities?
A45	Answer: The Site Electrical Plans should be used for the site lighting. The LC drawings are for reference only.
Q46	Question: C2.1M shows 2 water fountains at the playground. C5.1D shows a water line running to two location on the playground but it's not to the water fountains. Clarify if these waterlines need to run to the playground water foundations and if so, what pipe size is required.
A46	Answer: Yes, the water lines on C5.1D are to run to the water fountains at the playground and should be ½-inch diameter.
Q47	Question: Provide the color desired for the drinking fountain/ bottle filling station; Most Dependable Fountains – Model #10145 SM.
A47	Answer: The color shall be selected during shop drawing submittal review.
Q48	Question: Please provide more information on the stainless steel counter and casework located in room 100 Concession. Is the casework stainless steel as well? If so, is there a basis of design?
A48	Answer: Per drawings CR-A8.01 and CR-A4.02, NSF approved stainless steel (316) built-in shelves and countertops. Provide shop drawings of built-in stainless casework for AOR review.
Q49	Question: Clarify what detail to follow for the bioretention pond; detail 1 or detail 3 on C3.5H.
A49	Answer: Both details. Detail 3 is site specific ponds with detailed elevs, etc. Detail 1 is COF standard bioretention pond detail, which states Construction Sequencing to follow.
Q50	Question: Item #46 on C2.1C calls for a synthetic turf manhole cover on an existing sanitary sewer manhole within the limits of a future field 9. Confirm this manhole cover will not need to be replaced with this contract.
A50	Answer: The existing manhole covers do not need to be replaced, however the existing manholes on future fields 6, 7, and 9 will need to be adjusted up to meet the proposed grades as a part of this contract.

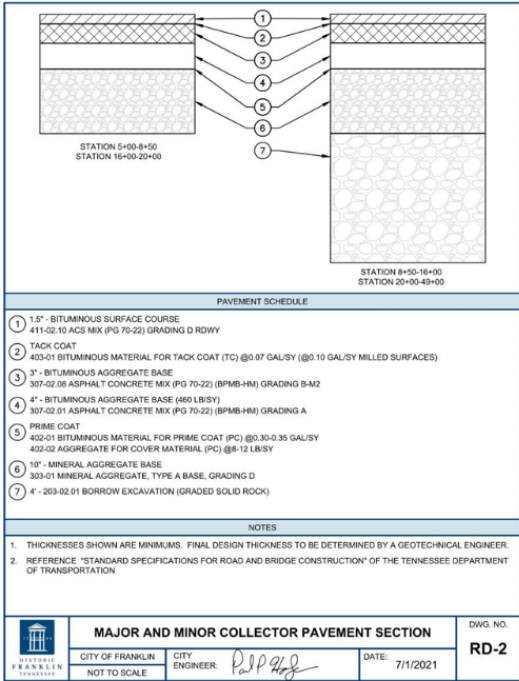
Q51	Question: Confirm the sports field contractor, not in this contract scope of work, will stockpile and haul off any dirt spoils created from their work.
A51	Answer: The synthetic turf sports field contractor, not in this scope of work, will stockpile and haul off any dirt spoils created from their work.
Q52	Question: Confirm the stone bedding, concrete footing, and continuous header for the Clearvue Fence and Football safety netting posts in the synthetic turf field will be by Owner.
A52	Answer: Only the continuous header curb for the fence and safety netting posts in the synthetic field will be provided by the Owner. The stone fence, safety netting, concrete footing and stone bedding associated with the fence and netting posts are to be provided by the Contractor under this contract.
Q53	Question: Confirm contractor is to provide header curb, as shown on detail 4A of L7.02 for the natural turf fields only.
A53	Answer: The contractor is to provide the header curbs on all natural turf fields in accordance with detail 4 & 4A/ L7.02. Header curbs on the synthetic field will be provided by the Owner.
Q54	Question: Please provide a specification for the acoustical ceiling tiles as there is no indication of manufacturer or model within the provided documents.
A54	Answer: Refer to provided Specification Section 095113 included in Addendum 2.
Q55	Question: IP-M1.01 general note 7 indicates all mechanical equipment to be completely screened from all directions. Provide a detail, manufacturer, or specifics on the screen as well as locations where this will be required.
A55	Answer: Per Franklin Zoning Ordinance: Screening shall be as tall as the highest point of the equipment being screened and shall consist of an opaque fence or wall compatible with the principal building in terms of material and color. General Note 7 on IP-M1.01 shall apply to IP-CU-1.
Q56	Question: Please clarify if an expansion joint in Maintenance Building, between the PEMB and conventional construction of the building, is required. Ref 2/MB-A6.42
A56	Answer: See revised drawings included in addendum 2.
Q57	Question: 6" detached concrete curb shown on C4.3A is shown as having a 4" base below the subgrade elevation of the asphalt pavement. Will it be acceptable to use a 12.5" curb (6" above grade, 6.5" below grade) to match the subgrade elevation across the curb and pavement.
A57	Answer: The 6" detached concrete curb detail is COF standard detail.

Q58	<p>Question: Sheet C4.3A includes detail 4 - 4" sidewalk with 4" GAB (light duty), detail 5 - 6" sidewalk with 4" GAB (heavy duty), and detail 8 for 4" stamped concrete with 6" GAB.</p> <ol style="list-style-type: none"> 1. Detail 8 calls for 8" min. concrete next to the stamped concrete. Confirm all site concrete to be 4" thick. 2. Detail 8 calls for 6" GAB. To keep everything consistent, confirm 4" GAB on all sidewalks is the intent.
A58	<p>Answer:</p> <ol style="list-style-type: none"> 1. Detail 8/ C4.3A - the stamped concrete is to be changed to 6" thick, since it is located in the main access path from the parking lot to the concessions building that will need to support vehicular access from the parking lot to the concessions building. The concrete adjacent to the stamped concrete varies between 6" and 4". Refer to site plan for locations of variances in concrete thickness. 2. Detail 8/ C4.3A - the GAB thickness is to be changed to 4" GAB instead of 6" GAB.
Q59	<p>Question: Spec section 01 22 00 1.9 Says that Alternate #2 is to provide and install chain link fences and gates in lieu of all clearVu fences and gates, but the bid form says just to substitute the fencing around the fields. Clarify whether it will be all ClearVu Fencing or just around the fields.</p>
A59	<p>Answer: Only around fields, per the City of Franklin.</p>
Q60	<p>Question: Spec section 016400 - page 7, describes the items the General Contractor is to provide. However, the concrete curb edging, subsurface drainage, and river stone mulch are called to be by Owner per drawing L7.02. Confirm General Contractor is to follow drawing L7.02.</p>
A60	<p>Answer: Spec section 016400 - page 7 describes general contractor responsibilities related to the playground surfacing as depicted on details on L7.04. The Details on L7.02 specified to be provided by the owner are related to the synthetic turf field not the playground with general contractor responsibilities for the synthetic field described on page 8 of spec section 016400.</p>
Q61	<p>Question: Confirm the 1" gas service pipe should be a 2" HDPE Service Line instead per Atmos Energy.</p>
A61	<p>Answer: Yes, use 2" HDPE for the gas service to the buildings per Atmos' recommendation.</p>
Q62	<p>Question: Provide additional information regarding the attic louvers as shown on detail 3 of page CR-A6.41.</p>
A62	<p>Answer: Refer specification section 089119 – Fixed Louvers and drawing elevations 2/CR-A6.01 and 2/CR-A6.02.</p>

Q63	Question: Please confirm that the overhead doors at the storage building are to be the overhead sectional doors as specified and not the overhead coiling doors as described at the Maintenance Building.
A63	Answer: The storage building has overhead sectional doors as shown on the drawings and as specified. The maintenance building has coiling overhead doors as shown on the drawings and as specified.
Q64	Question: Project Manual Appendix B - Permits states stormwater, grading, utility, building, and wall permits are to be finalized by the General Contractor but the permit fees should be waived. Please clarify what fees if any, need to be included in the base bid (i.e. LDP, Building Permit Fee, Business License Fees, Tap Fees, Utility Fees, Meter Fees, etc.)
A64	Answer: No fees need to be included in the Base Bid. The City will either directly pay any permit fee or reimburse the Contractor for any incidental fees incurred as a direct result of the project. However, the Contractor will be solely responsible for paying any penalties and/or fines that result from a violation of federal, state, or local laws, ordinances, or regulations.
Q65	Question: Sheet MB-F1.01 shows the fire protection plan for the Maintenance Building however MB-G0.0 calls for this building type to be II-B and III-B under Type of Construction and Fire Resistance Rating Requirements respectively. Clarify what type of construction is the Maintenance Building and confirm it requires a sprinkler system.
A65	Answer: Building type is IIB as shown on MB-G0.02. No reference to type IIIB was found. Building is sprinklered as shown and required by the city of Franklin.
Q66	Question: Which type of level spreader are we to install on page C3.1E. Detail 4/C3.5A lists two different types.
A66	Answer: Install the level spreader with no concrete rigid lip.

Q67

Question: Are all Major Collector Roads to have 4' of Barrow Excavation with imported Quarry Rock Replacement? Or can Onsite Blasted Rock be utilized?



3 MAJOR AND MINOR COLLECTOR PAVEMENT SECTION
C4,3C N,T,S

A67

Answer: Rock processed onsite can be used so long as it complies with Specification Section 312000, 2.1B.

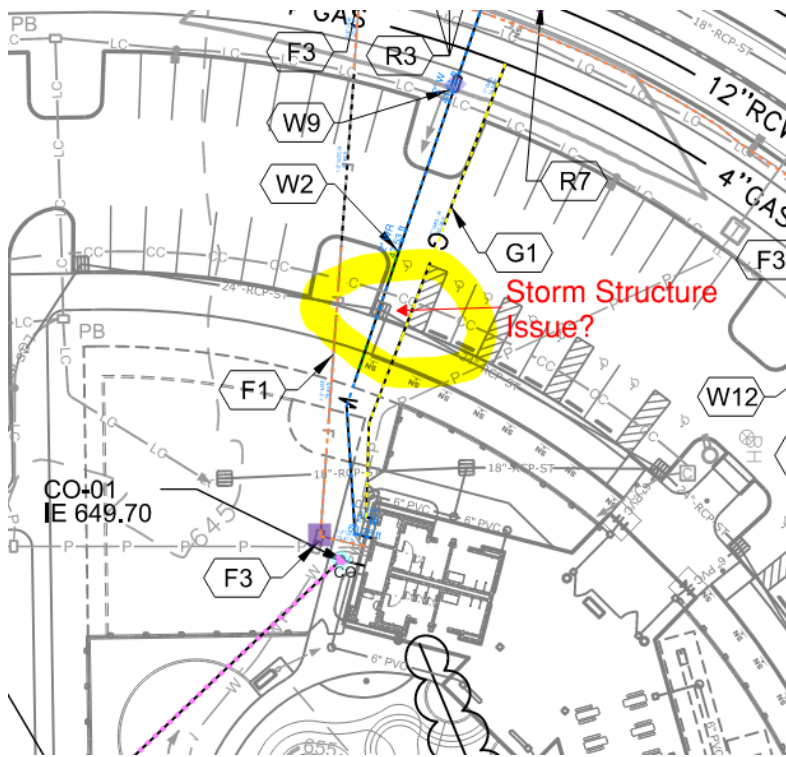
Q68

Question: Are the Utilities for the Future Fields installed now or at a later date? Electric Example below.

A68

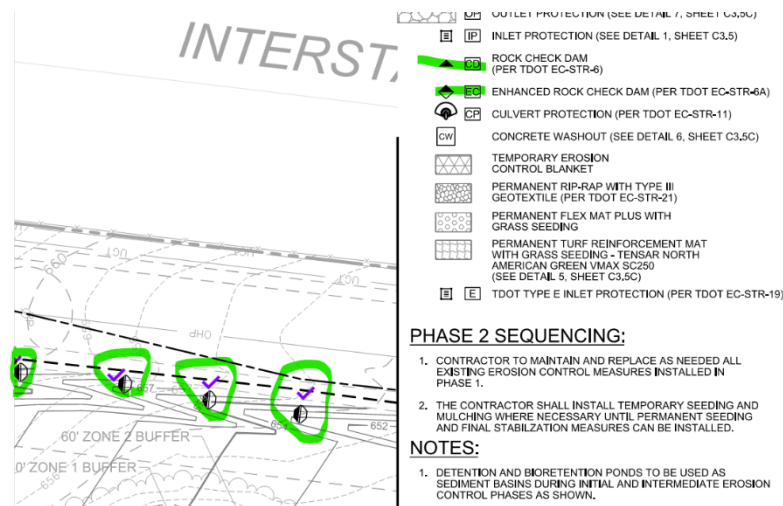
Answer: Only for electric/communication/security, which are denoted for a future phase by callouts. All other utilities are to be installed in this phase.

Q69 **Question:** Structure CB-156 is in the Path of 2" Water Service for Playground, use 45* Bends to bypass?



A69 **Answer:** Yes, use bends to avoid structure.

Q70 **Question:** Are the below Check Dams TDOT EC-STR-6A Enhanced Check Dams or Standard TDOT EC-STR-6? The Symbol is not exact for either.



A70 **Answer:** The check dams marked in the image above are Standard EC-STR-6.

Q71	Question: Can Municipex Pipe be used as a substitute for 1.5", 2", & 2.5" Water Services?
A71	Answer: All Contractor's are to bid what is shown on plans. Substitutions may be considered during construction.
Q72	Question: Is there a List of the Storm Drain Structures and Pipe for the Storm System being placed by the Field and Turf Contractors Already Contracted?
A72	Answer: No; contractor will need to determine.
Q73	Question: Per code Each bleacher unit should contain ADA + ADA companion seats – is this what is expected/desired?
A73	Answer: Yes, the bleachers are specified as ADA compliant and need to meet all ADA requirements including companion seating.
Q74	Question: The way these bleachers are designed – they are only elevated 30" off the ground. This will not give us good sidelines for the people sitting in the stands. I would be happy to work with you on a better design that would give a more premium site line and not cut into your "visible seats".
A74	Answer: The bleachers are specified based on-site requirements that prevent bleachers from being elevated greater than 30 inches.
Q75	Question: Do we have enough space for a ramp on each unit? Per code, the ramp will need to be 1' long per 1" elevation. Straight ramps are drawing but I am not sure we have 30' straight away on each bleacher to accommodate a ramp.
A75	Answer: Yes, the design plans currently depict the ramps at more than 30' long with additional space at the end of the ramps for extension if required.
Q76	Question: Basis of Design currently shows larger than 4" gaps which is against the current IBC code on bleachers. Will you require a bid that meets all code requirements?
A76	Answer: We are not sure where the gaps larger than 4" you reference are located in the basis of design for the bleachers without more specific reference information. The bleachers are required to meet all IBC code requirements.

Q77	Question: The Maintenance Building has one packaged rooftop unit and ten vav boxes all said to have BACnet controls. All other equipment in this and the other buildings has stand alone equipment and controls. Is there a City of Franklin main BAS network this equipment will tie into, and if so, what is the existing BAS system?
A77	Answer: No existing system. BMS mentioned only for control and communication between the maintenance building equipment that includes the packaged unit and the vav's as described in the sequence of operation.
Q78	Question: The Mechanical units at the Maintenance Building are shown to connect to a Building Management System. Is there an existing system that will be monitoring the equipment? Please provide specifications and details about the BAS/BMS
A78	Answer: No existing system. BMS mentioned only for control and communication between the maintenance building equipment that includes the packaged unit and the vav's as described in the sequence of operation.
Q79	Question: Can non-structural fill be used at pedestrian pathways, green areas, and other fill areas without structures?
A79	Answer: Non-Structural fill is acceptable, but must still be approved, prior to use and on a case-by-case scenario, by the Engineer. See Section 312000, Article 2.1.
Q80	Question: Please provide the conduit size and the number of conductors to be used for the roadway lighting.
A80	Answer: The ES1.01 through ES1.07 site lighting drawings include the following general note: "All site lighting circuits (other than field lighting) are to be #6 (phase, neutral, and ground) in 2" C UON." The number of conductors required is three per circuit per the general note.
Q81	Question: ES-1.07, Please provide Conduit size and wiring size from Milbank cabinet to site lighting at Monument Sign.
A81	Answer: Per General Note "D" on Sheet ES-1.07, "All Site Lighting Circuits (Other Than [Sports] Field Lighting) Are to Be #6 (Phase, Neutral & Ground) in 2" C UON. For further clarification, This 2-inch conduit shall be Schedule 40 PVC.

Q82	Question: ES-1.07, Please provide demark or termination point of Fiber Optic line on the West side of the existing bridge.
A82	Answer: The Entry Bridge project installed a fiber optic conduit that is integrated into the base of the southern pedestrian railing and/parapet of the bridge. This conduit then sweeps out from the end of the bridge and terminates into a Type B Fiber Optic Pull Box. However, there is currently no fiber in this conduit.
Q83	Question: Please provide the conduit size and the number of conductors to be used for the roadway lighting. We haven't located a note that provides this information.
A83	Answer: Per General Note "D" on the "Site Electrical" (ES) series sheets: "All site lighting circuits (other than [sports] field lighting) are to be #6 (phase, neutral & ground) in 2" conduit UON [unless otherwise noted]. This note applies to the Roadway Lighting as well.
Q84	<p>Question: Per General note "B" on sheet ES1.01, "Musco light and associated cabinets to be furnished by the City of Franklin" and installed by the contractor".</p> <ol style="list-style-type: none"> a. Provide the BOM for the weight to off-load each pole and associated materials. b. Provided detailed Musco plans as to the depth of the poles, hardware and quantity of light fixtures per pole. c. Will CoF be installing the poles? d. Provide detailed Musco plan for the lighting contractors to be installed. e. Provide the cost of the Musco package. This will determine [the electrical subcontractor's] cost to handle, count and report any damage to the City of Franklin. f. Will the City of Franklin provide any storage containers for the Musco light fixture hardware, light fixtures, and electrical gear?

A84	<p>Answer: General Note “B” on the “Site Electrical” (ES) series sheets is incorrect. The Sports Field Lighting, from Musco Lighting, LLC, will be procured through a cooperative purchasing agreement directly by the City of Franklin and installed by Musco Lighting LLC.</p> <p>The Sports Field Lighting is one of several “Owner Furnished / Owner Installed (OFOI) Products” included with this project. More detailed information can be found in Section 016400 – Owner Furnished Materials of the Specifications for the Project in Appendix C. Per this section, the Contractor shall “provide [a] branch circuit, conduit and wiring to each pole location with enough wiring to extend 12’ above grade at each pole location.”</p> <p>Section 016400 also contains, as Attachment B, a copy of the “Musco Sports Field Lighting and MuscoVision Package”, which provides more detailed information about both the Sports Field Lighting and audio-video (AV) systems to be procured by the City and installed by Musco Lighting, LLC.</p> <p>Section 265668 – Exterior Athletic Lighting contains the detailed Specifications for this Project for the Musco Sports Lighting system. However, this Specification is incorrectly written as an “Owner Furnished / Contractor Installed (OFCl) Product”, when it is an “Owner Furnished / Owner Installed (OFOI) Product” as stated above.</p>
Q85	<p>Question: From ES1.07:</p> <ol style="list-style-type: none"> a. Provide a demark point for the Fiber conduit. There is a line drawn but to nowhere. Provide this location. b. At the entrance to the park, there is no indication of where the power is originating to or from for the light fixtures. c. Provide more information concerning Keynote (1).

A85

Answer:

- a. The City's fiber conduit is located along the south side of the bridge & entry drive. It terminates on the west end of the bridge (i.e., park side) in a Type B Fiber Optic Pull Box just beyond the end of the south pedestrian / bridge rail. East of the bridge, the conduit remains on the south side of the roadway, crosses under Carothers Parkway, and ties into a Type B Fiber Optic Pull Box on the far side next to the sidewalk.
- b. The power for the lighting and signage to the east of the bridge is to come from the existing Milbank pedestal that is located just south of the existing entry drive and west of Carothers Parkway.
- c. Keyed Note 1 was based upon an outdated assumption that both the park and the bridge would be under construction at the same time. Because the bridge is already complete, along with the Milbank meter pedestal that provides electrical service to the gates and bridge lights, there is no need for the Park Contractor to coordinate with the Bridge Contractor. For bidding purposes, please use the information provided in General Note "D" on the "Site Electrical" (ES) series sheets as the basis for any new electrical conduit and wiring shown on the east side of the bridge.

IV) Attachments:

- a. Attachment A - *Revised* Section 000000 - Table of Contents,
- b. Attachment B - *Revised* Section 000107S1 - Seals Supplement 1,
- c. Attachment C - *Revised* Section 002114 Instructions to Bidders - Sports Field Contractors Pre-Qualifications,
- d. Attachment D - *Revised* Section 095113 Acoustical Panel Ceilings,
- e. Attachment E - *Revised* 096513 SF - Resilient Base and Accessories,
- f. Attachment F - *Revised* 096519 SF - Resilient Tile Flooring,
- g. Attachment G - *Revised* 096813 SF - Tile Carpeting,
- h. Attachment H - *Added* Cut Sheet for Hager Hinge BB1193 Full Mortise Reverse Safety Stud Template Hinge,
- i. Attachment I - *Revised* Plans Drawing MB-A6-42, Wall Sections, Maintenance Building,
- j. Attachment J - *Revised* Plans Drawing MB-S1.02, Roof Framing Plan, Maintenance Building,
- k. Attachment K - *Revised* Plans Drawing MB-S7.21, Framing Details, Maintenance Building, and
- l. Attachment L - *Added* Cut Sheet for McKinney TA2314 Five Knuckle Standard Weight Hinge.
- m. Attachment M – *Revised* Musco Lighting Control System Summary Sheets

END of Addendum

SECTION 000000 – TABLE OF CONTENTS

GENERAL

This project manual follows the Construction Specifications Institute Format Document Identifying System and Cost Accounting Numbers.

Non-applicable Division and Section references have been omitted.

Recipients of bidding instruments must consult the Index to determine the full scope of the work involved and to ensure that all pages of the project manual and drawings have been included.

Neither the Owner nor the A/E will be responsible for bids submitted that are based on incomplete bidding instruments.

DIVISION 00 – CONTRACT REQUIREMENTS

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000107S1	Seals Supplement 1
002114	Supplemental Instructions to Bidders – Sports Field Contractors Pre-Qualifications

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013300	Submittal-RFI Procedures
014000	Quality Requirements
016400	Owner Furnished Materials
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016400 Attachment B	Musco Sports Field Lighting and MuscoVision Package

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- 077200 Roof Accessories
- 078413 Penetration Firestopping
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- 083323 Overhead Coiling Doors
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- 088000 Glazing
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- 092900 Gypsum Board
- 095113 Acoustical Panel Ceilings
- ~~096513 Resilient Base and Accessories~~ SECTION DELETED FROM PROJECT
- ~~096519 Resilient Tile Flooring~~ SECTION DELETED FROM PROJECT
- ~~096813 Tile Carpeting~~ SECTION DELETED FROM PROJECT
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DIVISION 12 - FURNISHINGS

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323111.11 Extra Duty Slide Gate Operator

323113 Chain Link Fences and Gates

323119 Decorative Metal Fences and Gates

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329000 Lawns and Grasses

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329219 Native Grass-Wildflower Seeding

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END OF SECTION 000000

DOCUMENT 000107S1 - SEALS SUPPLEMENT 1

1.1 DESIGN PROFESSIONALS OF RECORD

A. This document supplements Section 000107, "Seals" previously issued April 19, 2024.

B. Architect – Buildings, including General Requirements:

1. Jon Kerry Osborne
2. Tennessee License Number: 101532
3. Responsible for Sections:

095113



END OF DOCUMENT 000107S1

SECTION 002114 - SUPPLEMENTAL INSTRUCTIONS TO BIDDERS – SPORTS FIELD CONTRACTORS PRE-QUALIFICATIONS

PART 1 - GENERAL

1.1 SUMMARY

- A. Pre-Qualification of Sports Field Contractors (SFC) will be at the discretion of the Owner based on the information submitted and interviews of owners of previous projects completed by the SFC, financial stability, and equipment available to accomplish the task, experience of labor force and any other pertinent information the Owner requires to determine pre-qualified sports field contractors.
- B. Required scope of work by the SFC on this project shall include grading of subgrade to one-half inch of specified elevations, installation of underground drainage system, installation of underground irrigation systems, sifting topsoil on site and blending it with 50% sand for the 4" sand cap on the sports fields, soil amendments, finish grading of the sports fields using laser grading technology to one-quarter inch of specified elevations, and sodding and grow-in of the fields. A pre-qualified SFC must perform this work with their own forces. Irrigation installation and grow-in can be subcontracted but must be performed under the supervision of the SFC.
- C. The Owner is pre-qualifying SFC's in order to identify the pre-qualified firms in bid documents for the Project. General Contractors bidding on the project must use one of the pre-qualified SFC's listed in the bid documents. Bidders shall identify the SFC they will use in their bid on the Bid Form. Failure to identify a pre-qualified SFC may result in the bid being deemed non-responsive and therefore rejected.

1.2 PRE-QUALIFIED SPORTS FIELD CONTRACTORS

- A. The following Sports Field Contractors have been deemed pre-qualified for this Project:
 - 1. Carolina Green Corporation
Contact: Chad Price
Phone: 704-753-1707
Email: cprice@cgcfields.com
10108 Indian Trail-Fairview Rd.
Indian Trail, NC 28079
 - 4. Precision Turf LLC
Contact: Jonathan Holland
Phone: 770-921-1925
Email: jonathan@ptuff.com
3276 Buford Dr., Ste 104 #351
Buford, GA 30519

2. Sports Turf Company, Inc.
Contact: Todd Wiggins
Phone: 770-832-8691
Email: twiggins@sportsturf.net
1487 Black Dirt Rd.
Whitesburg, GA 30185
3. Gameday Athletic Surfaces
Contact: Daniel Ruggiero
Phone: 205-547-0628
Email:
daniel@gamedayathleticsurfaces.com
5. River Region Sports Fields
Contact: Jon Mitchell
Phone: 205-617-4884
Email: jon@riverregionsportsfields.com
P. O. Box 1524
Millbrook, AL 36054
6. SportsTurf Solutions, LLC
Contact: Ryan Moriarity
Phone: 615-566-9799
Email: ryan@sportsturfconstruction.com
606 St. Blaise Road
Gallatin, TN 37066
7. Athletic Fields, Inc.
Contact: Josh Morrow
Email: jmorrow@athleticfields.org
Phone: 770-281-1728
54 Brown Farm Road SW
Cartersville, GA 30120
8. Byrne & Jones Construction
Contact: Kenneth Garrett
Phone: 615-762-0248
Email: kgarrett@byrneandjones.com
13940 St. Charles Rock Rd
St. Louis, MO 63044
9. Baseline Sports Construction
Contact: Steve Clift
Email: steve@baselinellc.com
Phone: 800- 205-9521
3600 Henson Road
Knoxville, TN 37921
10. Athletic Construction, Inc.
Contact: Tony Strickland
Email: tony@athleticconstruction.com
Phone: 770- 532-7337
3744 Turkwood Drive
Oakwood, GA 30586
11. Warner's Athletic Construction Co.
Contact: Lou Warner
Phone: 615-430-6664
Email: Lou@warnerathletic.com
570 Huntley Industrial Blvd.
Smyrna, TN 37167
12. Mid-America Golf & Landscape, Inc.
DBA Mid-America Sports Construction
Contact: Tyonia Martinez
Email: tmartinez@mid-america-golf.com
Phone: 816-455-9067
1621 SE Summit St.
Lee's Summit, MO 64081
13. Fields, Inc.
Phone: 678-710-8585
3760 Sixes Road
Canton, GA 30114

1.3 REQUESTS FOR PRE-QUALIFICATION

- A. Sports Field Contractors which are not identified above may submit request for consideration as a Pre-Qualified Sports Field Contractor in accordance with the following provisions.
- B. Only SFC's meeting all of the following minimum qualifications will be considered:

1. The SFC shall demonstrate that they have experience with multiple projects similar in scope to this project that have been completed within the last three consecutive years. This project includes four natural turf multi-purpose sports fields. Said project(s) shall be of similar scope and character with the work to be performed and have been performed by and only by the actual SFC that is submitting their qualifications. Further, prior work performed as a subcontractor involving only part of direct field construction on such previous projects shall not be considered. For example, contractors whose primary experience only involves the installation of sod on athletic fields shall not be considered as SFC's.
 2. The SFC must have experience with the installation of natural turf multi-purpose sports fields. The SFC must have demonstrated experience with the installation of a minimum of 15 full size (at least 70,000 square feet) natural turf fields and that included the SFC's scope of work over the past three years.
 3. SFC should have on its staff a Certified Field Builder (CFB) certified by ASBA.
 4. The SFC shall provide an on-site construction superintendent having at least three years' experience constructing athletic fields using laser grading systems and with the installation of natural turf fields.
 5. The SFC must perform all required work with their own staff supervision and employees, using company equipment either owned or leased without the subcontracting of any of the said required work, except the SFC may be allowed to subcontract 1) irrigation, 2) grow-in maintenance (if required), as long as the SFC directly controls and supervises the subcontractor(s).
 6. SFC shall have experience with automatically controlled laser guided grading equipment, specifically a dual slope hydraulically actuated soil plane adjustable to 1/100 of a foot. Equipment shall be pulled with a high flotation tractor with a gross weight of less than 15,000 lbs. Equipment must be made available for inspection by the Owner if requested. The contractor shall also use other specialized sports field equipment such as tractors, disc harrows, power rakes, tillers, infield groomers and drags in construction of athletic fields.
 7. The SFC must demonstrate the ability to accomplish the work in accordance with the Owner's schedule as evidenced by their current and projected workload and the availability of equipment and resources to accomplish the work.
- C. The Owner may make minor exceptions to the minimum qualifications if deemed in the Owner's best interests to do so.
- D. The following information must be submitted in order to be considered as pre-qualified as an SFC:
1. A completed copy of the attached "Statement of Qualifications".
 2. The following information for each of the projects required under Item 1 and 4 in the minimum qualifications set forth above:
 - a. Project Name and Location
 - b. Project Description
 - c. Owner's Name
 - d. Owner's Complete Address
 - e. Owner's Telephone Area Code and Number

- f. Owner's Current Contact Person
 - 3. A listing of laser technology and equipment plus other specialized sports field construction equipment owned and/or leased.
 - 4. Resumes or other evidence of the experience of the principals of the firm and for the project superintendent proposed for this project.
 - 5. Any other information concerning the SFC that evidences your ability to meet the minimum qualifications necessary to be qualified for the project.
- E. The decision on whether an SFC is qualified rests solely with the Owner.
- F. Requests for approval of a SFC that is not already pre-qualified must be received by the A/E at the address below a minimum of 15 calendar days prior to the date of receipt of bids in order to be considered. Any request received after this date will not be considered. If an SFC submits qualifications and is deemed prequalified, all prime bidders will be notified of such by Addendum.
- G. Questions may be directed to and submittals may be mailed, emailed, faxed, or delivered to:

John Brown, ASLA
Barge Design Solutions, Inc.
1110 Market Street, Suite 200
Chattanooga, TN 37402
423.756.3025 direct
423.774.7576 mobile
423.756.8477 fax
john.brown@bargedesign.com

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION (NOT USED)

END OF DOCUMENT 002114

STATEMENT OF QUALIFICATIONS
SPORTS FIELD CONTRACTOR

All questions must be answered and the data given must be clear and comprehensive. This statement must be notarized. If necessary, questions may be answered on separate attached sheets. The Bidder may submit any additional information desired to demonstrate their qualifications.

1. Name of Sports Field Contractor's Company:

2. Permanent main office address, phone and fax, email and (if available) web site address:

3. When organized:

4. If a Corporation, where incorporated:

5. How many years have you been engaged in the contracting business under your present firm or trade name?

6. Contracts on hand: (Schedule these, showing the name of the project, the Owner, amount of each contract and the appropriate anticipated dates of completion):

7. Provide the company's gross revenues for sports field construction only for the past three years (this information will remain confidential):

2019_____ 2018_____ 2017_____

8. General description of work performed by your company:

9. Have you ever failed to complete any work awarded to you? If so, where and why.

10. Have you ever defaulted on a contract? If so, where and why.

The undersigned hereby authorizes and requests any person, firm, or corporation to furnish any information requested in verification of the recitals comprising this Statement of Qualifications – SFC.

Dated at _____ this _____ day of _____, 20_____.

Sports Field Contractor:

Company Name: _____

By (Signature): _____

Printed Name: _____

Title: _____

SECTION 095113 - ACOUSTICAL PANEL CEILINGS

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes acoustical panels and exposed suspension systems for interior ceilings.

1.2 PREINSTALLATION MEETINGS

- A. Preinstallation Conference: Conduct conference at Project site.

1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Samples: For each exposed product and for each color and texture specified.
- C. Delegated-Design Submittal: For seismic restraints for ceiling systems.
 - 1. Include design calculations for seismic restraints including analysis data signed and sealed by the qualified professional engineer responsible for their preparation.

1.4 INFORMATIONAL SUBMITTALS

- A. Coordination Drawings: Reflected ceiling plans, drawn to scale, and coordinated with each other, using input from installers of the items involved.
- B. Product test reports.
- C. Research reports.
- D. Field quality-control reports.

1.5 CLOSEOUT SUBMITTALS

- A. Maintenance data.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. Delegated Design: Engage a qualified professional engineer to design seismic restraints for ceiling systems.
- B. Seismic Performance: Suspended ceilings shall withstand the effects of earthquake motions determined according to ASCE/SEI 7.
- C. Surface-Burning Characteristics: Comply with ASTM E84; testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.
 - 1. Flame-Spread Index: Class A according to ASTM E1264.
 - 2. Smoke-Developed Index: 50 or less.

2.2 ACOUSTICAL PANELS

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - 1. Armstrong World Industries, Inc.
 - 2. CertainTeed Corporation.
- B. Acoustical Panel Standard: Manufacturer's standard panels according to ASTM E1264.
- C. Classification: Type III, Form 2, Pattern C D.
- D. Color: White.
- E. Light Reflectance (LR): 0.82.
- F. Ceiling Attenuation Class (CAC): 35.
- G. Noise Reduction Coefficient (NRC): 0.55.
- H. Edge/Joint Detail: Reveal sized to fit flange of exposed suspension-system members.
- I. Thickness: 5/8 inch.
- J. Modular Size: 24 by 48 inches.

2.3 METAL SUSPENSION SYSTEM

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

1. Armstrong World Industries, Inc.
 2. CertainTeed Corporation.
- B. Metal Suspension-System Standard: Manufacturer's standard, direct-hung, metal suspension system and accessories according to ASTM C635/C635M.
- C. Wide-Face, Capped, Double-Web, Steel Suspension System: Main and cross runners roll formed from cold-rolled steel sheet; pre-painted, electrolytically zinc coated, or hot-dip galvanized, G30 coating designation; with prefinished 15/16-inch-wide metal caps on flanges.
1. Structural Classification: Intermediate-duty system.
 2. End Condition of Cross Runners: Override (stepped) or butt-edge type.
 3. Face Design: Flat, flush.
 4. Cap Material: Cold-rolled steel or aluminum.
 5. Cap Finish: Painted white.

2.4 ACCESSORIES

- A. Attachment Devices: Size for five times the design load indicated in ASTM C635/C635M, Table 1, "Direct Hung," unless otherwise indicated. Comply with seismic design requirements.
- B. Hold-Down Clips: Manufacturer's standard hold-down.
- C. Impact Clips: Manufacturer's standard impact-clip system designed to absorb impact forces against acoustical panels.
- D. Seismic Clips: Manufacturer's standard seismic clips designed to secure acoustical panels in place during a seismic event.

2.5 METAL EDGE MOLDINGS AND TRIM

- A. Roll-Formed, Sheet-Metal Edge Moldings and Trim: Type and profile indicated or, if not indicated, manufacturer's standard moldings for edges and penetrations that comply with seismic design requirements; formed from sheet metal of same material, finish, and color as that used for exposed flanges of suspension-system runners.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Measure each ceiling area and establish layout of acoustical panels to balance border widths at opposite edges of each ceiling. Avoid using less-than-half-width panels at borders unless otherwise indicated.

- B. Layout openings for penetrations centered on the penetrating items.

3.2 INSTALLATION

- A. Install acoustical panel ceilings according to ASTM C636/C636M and manufacturer's written instructions.
- B. Install edge moldings and trim of type indicated at perimeter of acoustical ceiling area and where necessary to conceal edges of acoustical panels.
 - 1. Apply acoustical sealant in a continuous ribbon concealed on back of vertical legs of moldings before they are installed.
 - 2. Do not use exposed fasteners, including pop rivets, on moldings and trim.
 - 3. Arrange directionally patterned acoustical panels as follows:
 - a. As indicated on reflected ceiling plans.
 - b. Install panels with pattern running in one direction parallel to long axis of space.
 - c. Install panels in a basket-weave pattern.

3.3 FIELD QUALITY CONTROL

- A. Special Inspections: Engage a qualified special inspector to perform inspections.
 - 1. Periodic inspection during the installation of suspended ceiling grids according to ASCE/SEI 7.

END OF SECTION 095113

SECTION 096513 – RESILIENT BASE AND ACCESSORIES

**SECTION DELETED IN ITS
ENTIRETY**

SECTION 096519 - RESILIENT TILE FLOORING

**SECTION DELETED IN ITS
ENTIRETY**

SECTION 096813 - TILE CARPETING

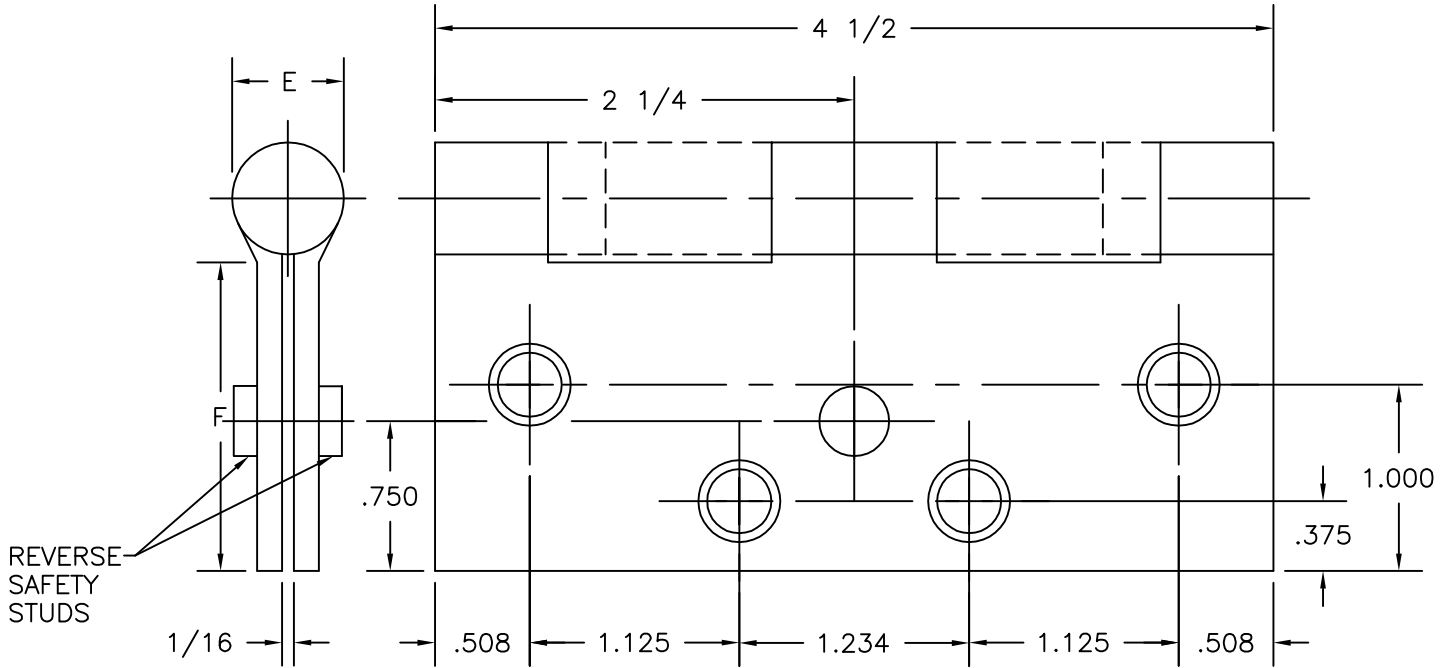
**SECTION DELETED IN ITS
ENTIRETY**

FULL MORTISE
REVERSE SAFETY STUD
TEMPLATE HINGES

Template No. T312

REV. NO.	REVISIONS	BY	DATE
2	ECO CT05083	RAM	12-14-05

SIZES: 4 1/2 x 4, 4 1/2 x 4 1/2, 4 1/2 x 5, 4 1/2 x 6,
4 1/2 x 7, 4 1/2 x 8



-DO NOT SCALE-

DRILLING INSTRUCTIONS

RECOMMEND ϕ 5/8" HOLES IN JAMB
AND DOOR REINFORCEMENTS FOR
CLEARANCE OF REVERSE SAFETY STUD.

CATALOG NUMBER		METAL GAUGE	(E) KNUCKLE DIAMETER	(F) DISTANCE FROM EDGE OF LEAF TO SWAGE LINE					
STEEL HINGES	NON-FERROUS HINGES			4 1/2 x 4	4 1/2 x 4 1/2	4 1/2 x 5	4 1/2 x 6	4 1/2 x 7	4 1/2 x 8
700	800	.134	39/64	1 5/8	1 7/8	---	---	---	---
1279	1191	.134	39/64	1 5/8	1 7/8	2 1/8	2 5/8	3 1/8	3 5/8
AB700	AB800	.134	39/64	1 5/8	1 7/8	---	---	---	---
BB1174	BB1193	.134	39/64	1 3/8	1 5/8	---	---	---	---
BB1279	BB1191	.134	39/64	1 5/8	1 7/8	2 1/8	2 5/8	3 1/8	3 5/8
AB750	AB850	.180	45/64	1 9/16	1 13/16	2 1/16	2 9/16	3 1/16	3 9/16
BB1168	BB1199	.180	45/64	1 9/16	1 13/16	2 1/16	2 9/16	3 1/16	3 9/16

ALL DIMENSIONS ARE IN INCHES.

Machine Screw Size- 12-24 x 1/2" F.H.
Wood Screw Size- No. 12 x 1 1/4" F.H.



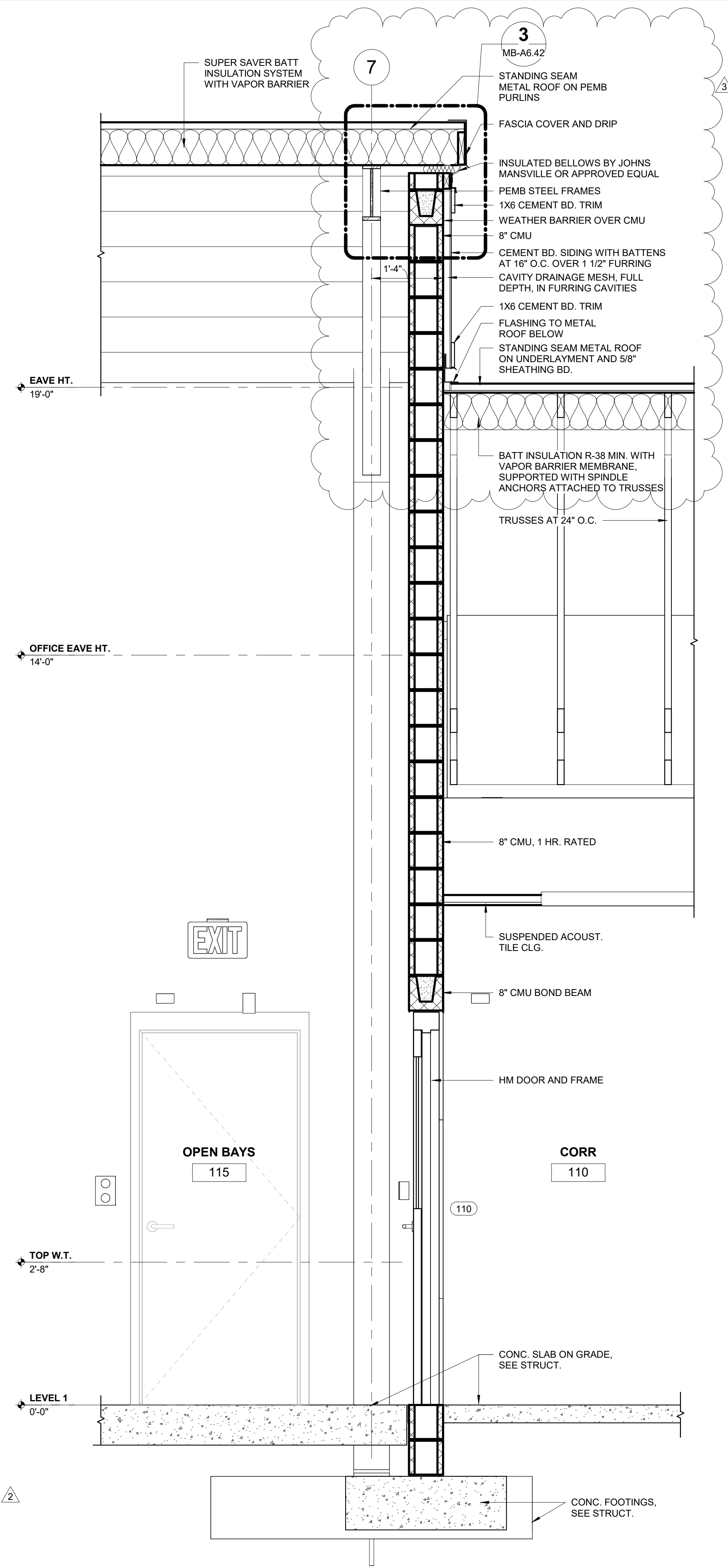
Hospital type and round corner template hinges conform to the above screw size and location. They are designated by "HT" and "RC" to catalog number.

Hager template hinges are made in size, gauge and with screw holes located to conform to ANSI-A156.7.

HAGER RESERVES THE RIGHT TO MAKE
DESIGN CHANGES WITHOUT NOTICE. CALL
HAGER ENGINEERING AT 1-800-325-9995
FOR LATEST REVISION DATE OF TEMPLATE.

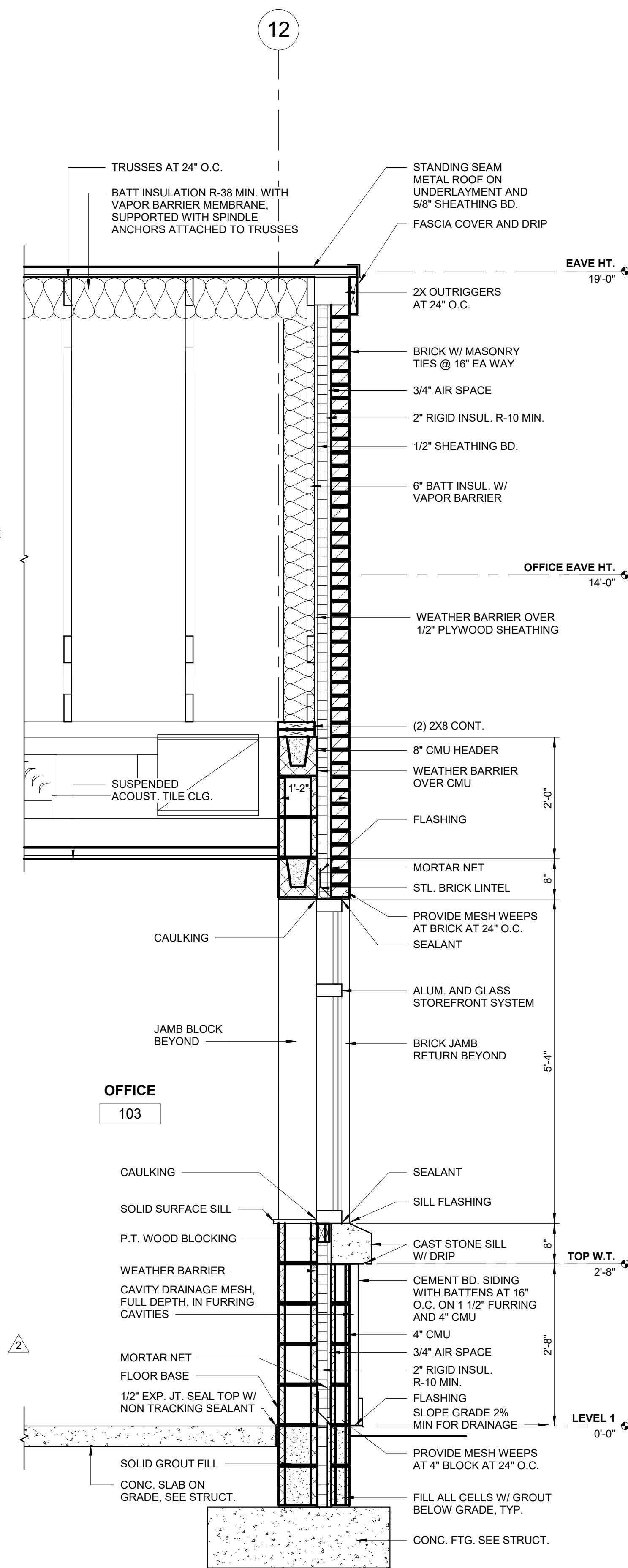
HAGER COMPANIES
139 VICTOR STREET
P.O. BOX 12300
ST. LOUIS, MISSOURI 63157-0300

MB-A6.42 WALL SECTION
 Autodesk DWG TO PDF Converter
 File Name: 19122024_143331.dwg
 Date: 11/22/2024 1:43:31 PM



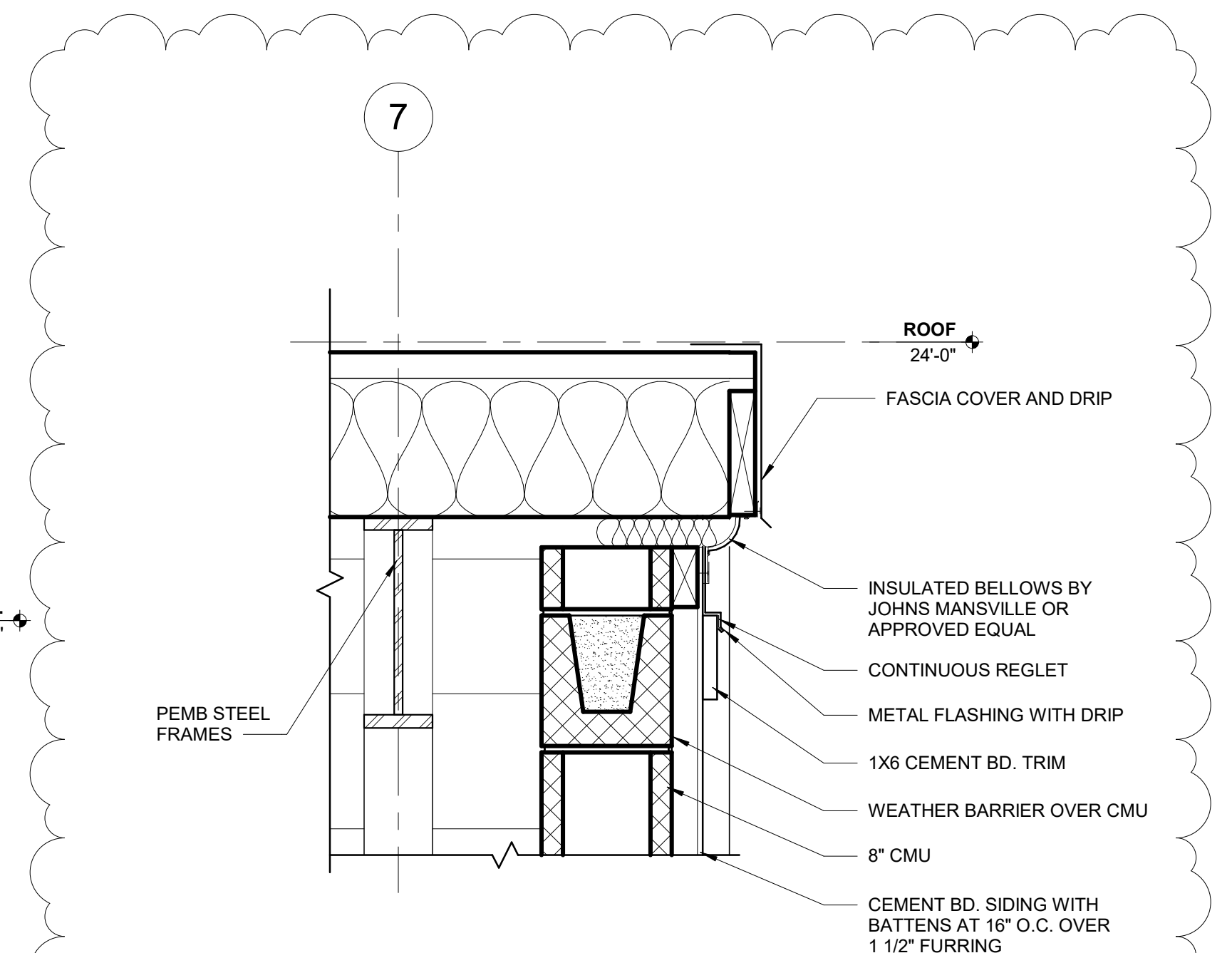
2 WALL SECTION
MB-A6.42

SCALE: 3/4" = 1'-0"



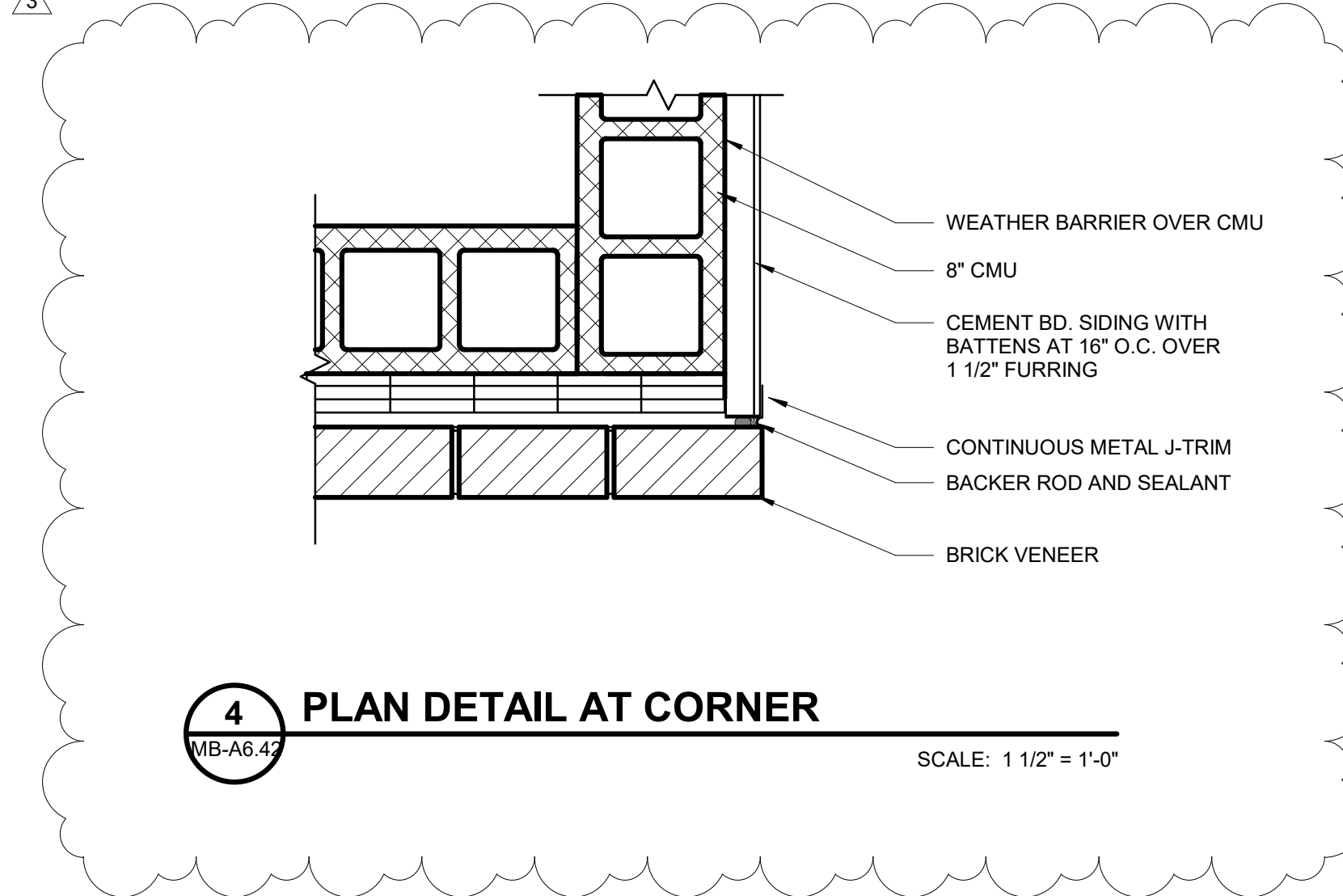
1 WALL SECTION
MB-A6.42

SCALE: 3/4" = 1'-0"



3 ENLARGED EXPANSION JOINT DETAIL
MB-A6.42

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

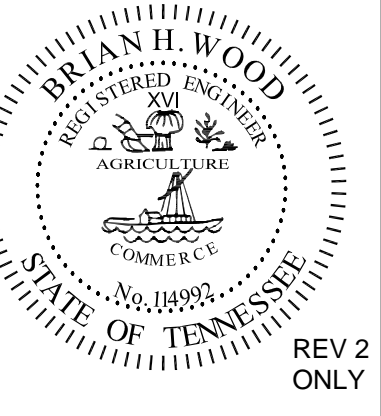


4 PLAN DETAIL AT CORNER
MB-A6.42

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



REVISION INFORMATION		DESCRIPTION
REV.	DATE	
0	02/24/2023	100% COMPLETE FOR PERMIT
1	04/19/2024	DR & PERMIT RESUBMITTALS / EIDS
2	08/17/2024	ADDENDUM 2
3		



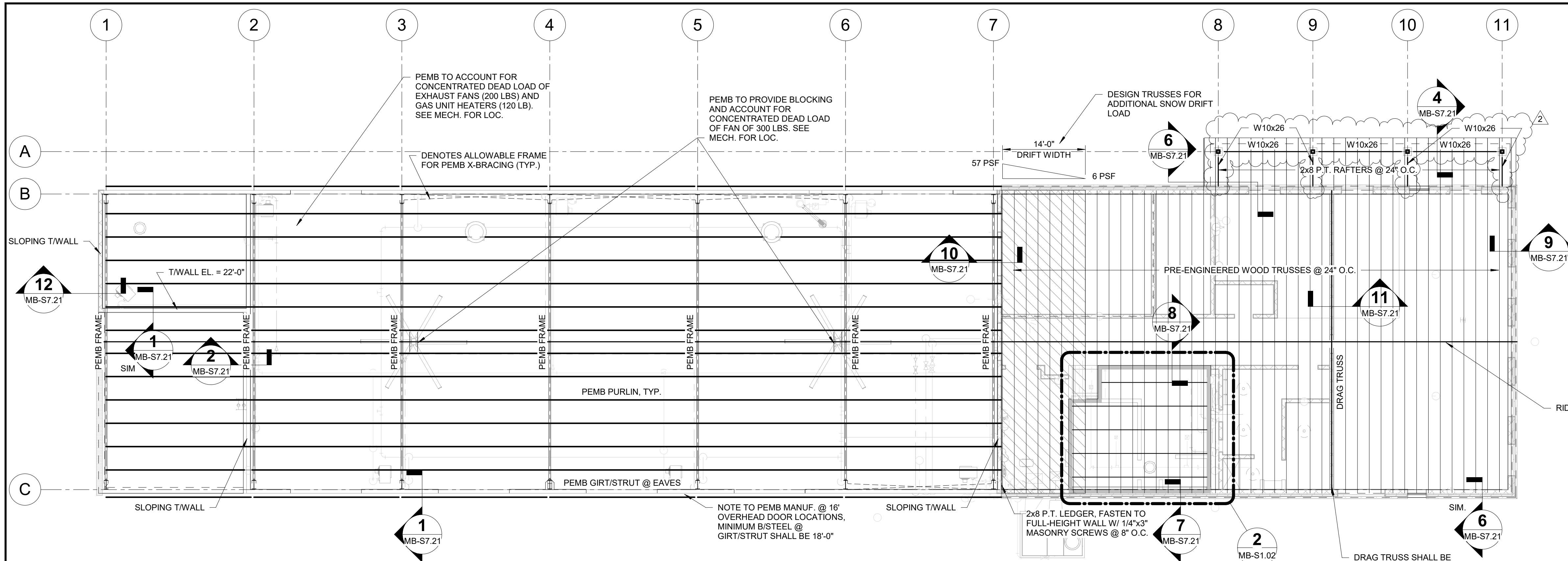
REV 2 ONLY

ROOF FRAMING PLAN

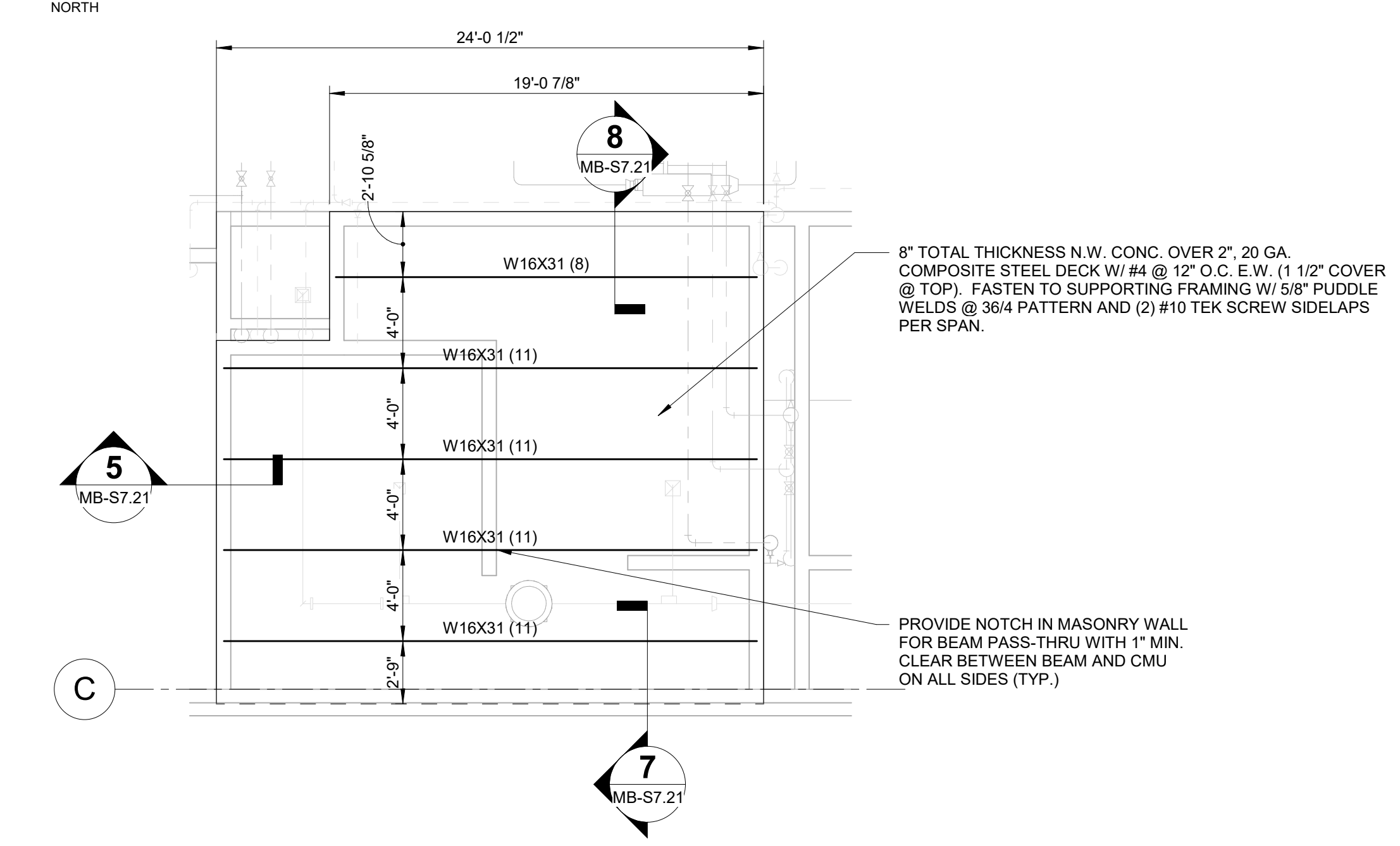
CITY OF FRANKLIN, TENNESSEE
SOUTHEAST MUNICIPAL COMPLEX
FRANKLIN, TENNESSEE

ROOF FRAMING NOTES:

- TRUSS BEARING EL. = 11'-4" ABOVE FLOOR SLAB.
- TYP. T/MASONRY EL. = 18'-8" ABOVE FLOOR SLAB (MAINT. AREA)
11'-4" ABOVE FLOOR SLAB (OFFICE AREA)
10'-8" ABOVE FLOOR SLAB (SHELTER WALLS)
- TYP. T/ STEEL ELEVATION = 10'-8" ABOVE FLOOR SLAB (SHELTER BEAMS)
9'-4" ABOVE FLOOR SLAB (PORCH BEAMS)
- ROOF SHEATHING SHALL BE 19/32" CDX PLYWOOD, FASTEN TO SUPPORTING FRAMING W/ 10d COMMON NAILS @ 4" O.C. EDGES, 12" O.C. FIELD.
- TRUSS LAYOUT SHOWN AS SCHEMATIC. FINAL LAYOUT & DESIGN OF TRUSSES, FASTENERS, & BRACING IS THE RESPONSIBILITY OF THE TRUSS MANUFACTURER. DRAWINGS/CALCULATIONS SHALL BE PROVIDED FOR FINAL APPROVAL OF ENGINEER OF RECORD.
- COORDINATE TRUSS LAYOUT W/ MECHANICAL & PLUMBING RUNS. BOND BEAM REINFORCING AT WALL CORNERS, T-INTERSECTIONS, ETC. SHALL HAVE (2) #5 CORNER BARS LAP SPLICED ON EA. SIDE OF JOINT.
- TRUSSES ARE ASSUMED TO SPAN TO EXTERIOR WALLS. IF ANY INTERNAL WALLS ARE NEEDED FOR BEARING BY TRUSS DESIGNER, THESE WALLS AND FORCES MUST BE IDENTIFIED FOR ENGINEER OF RECORD REVIEW.



1 ROOF FRAMING PLAN
SCALE: 3/32" = 1'-0"

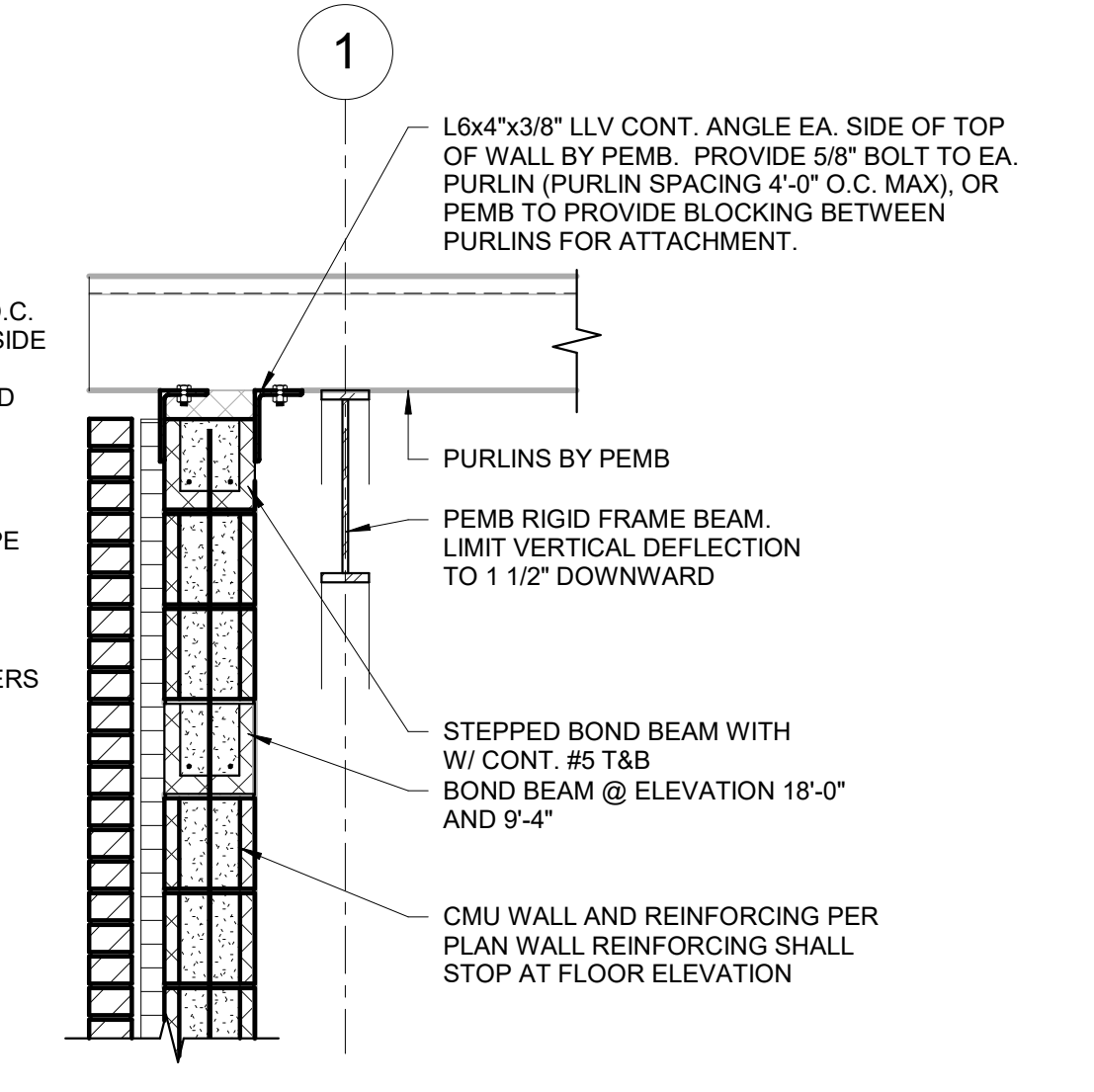
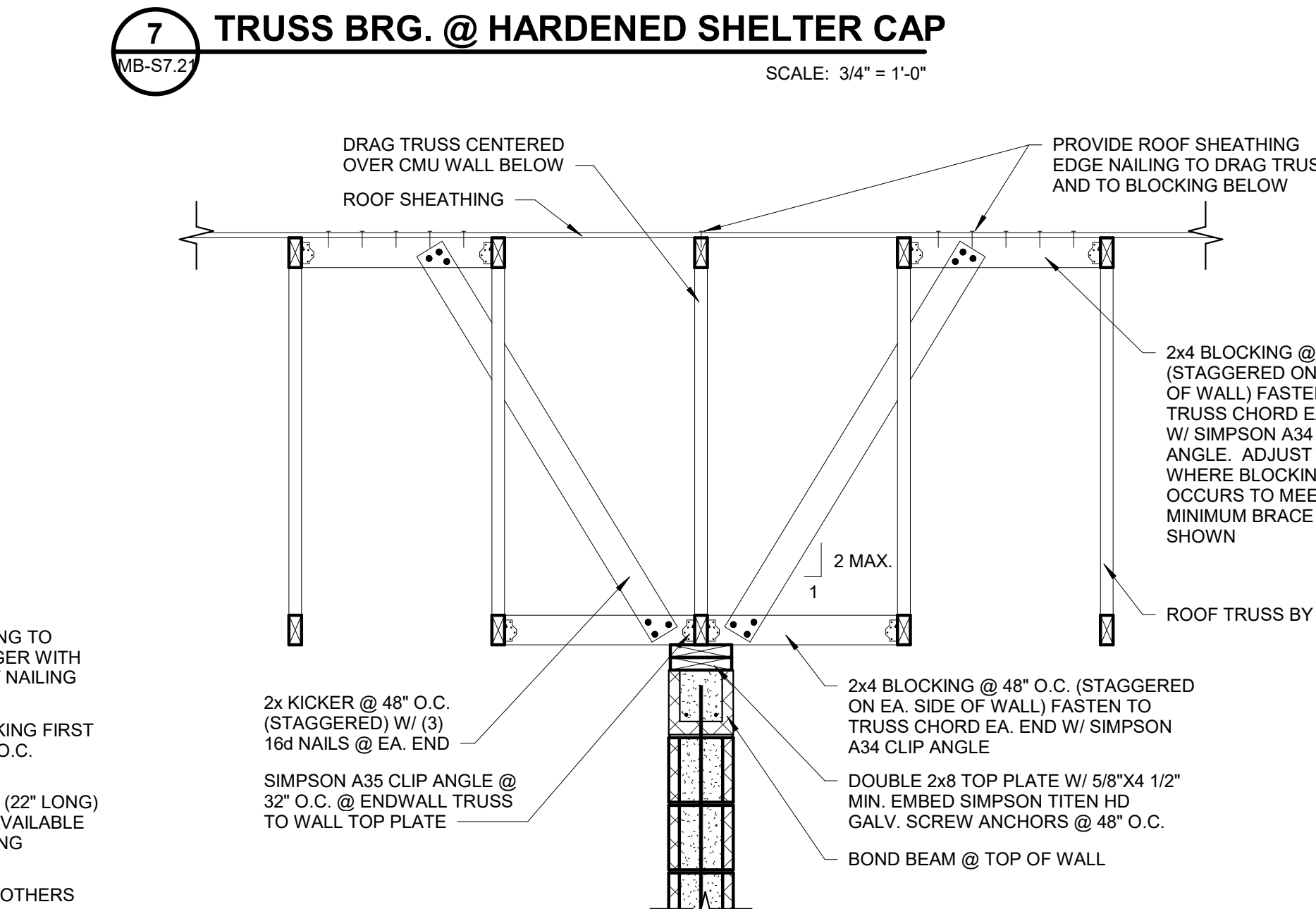
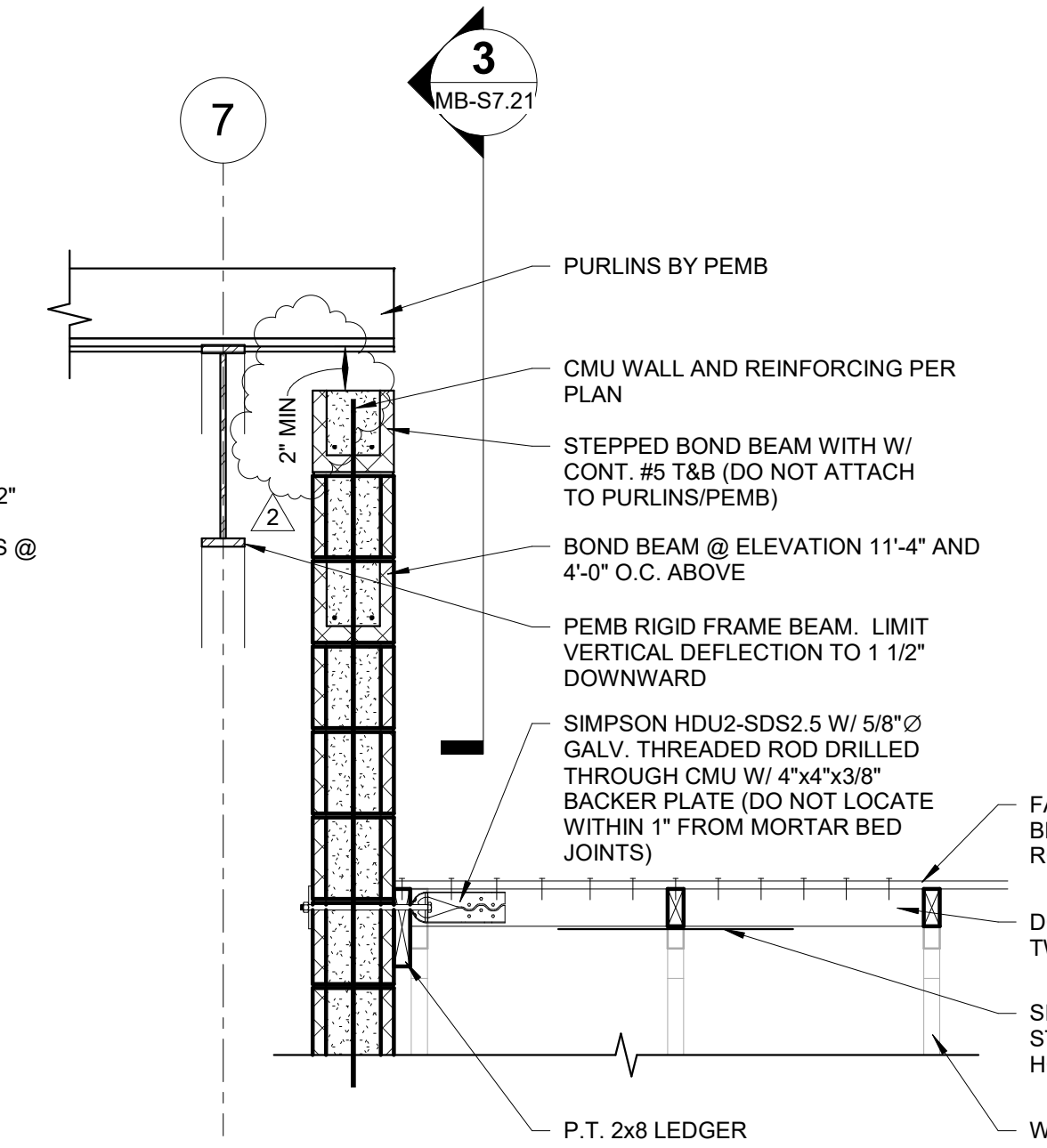
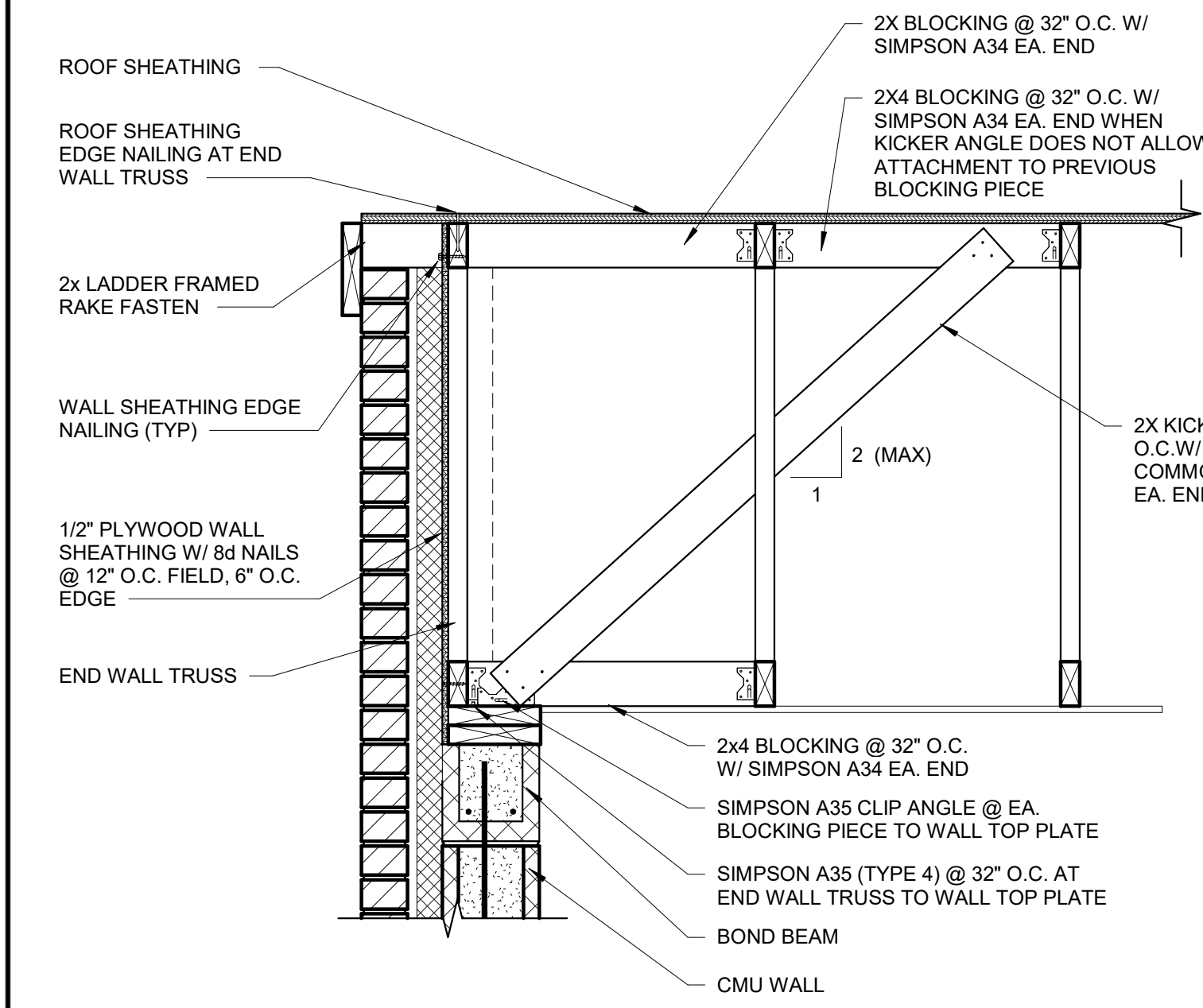
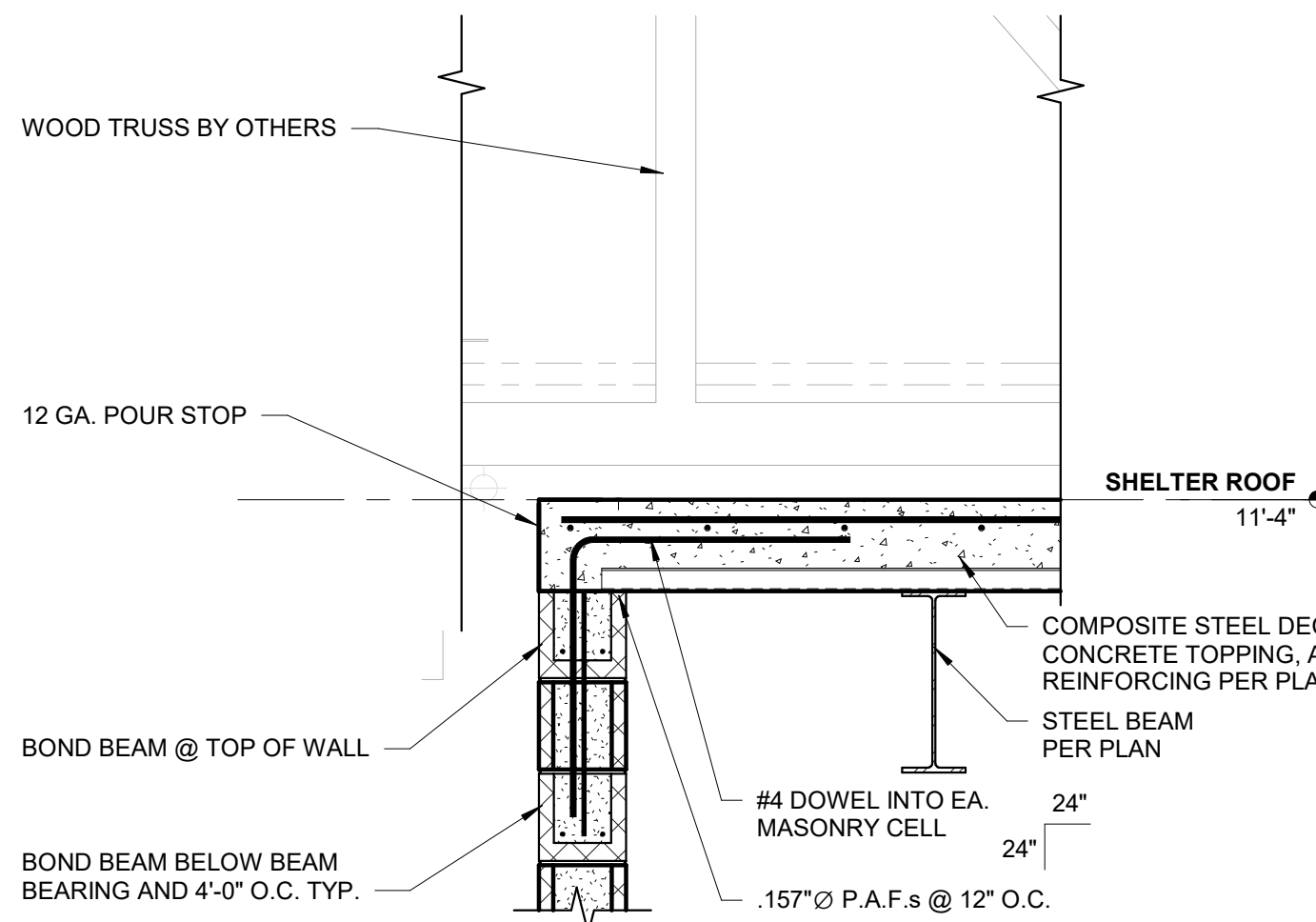
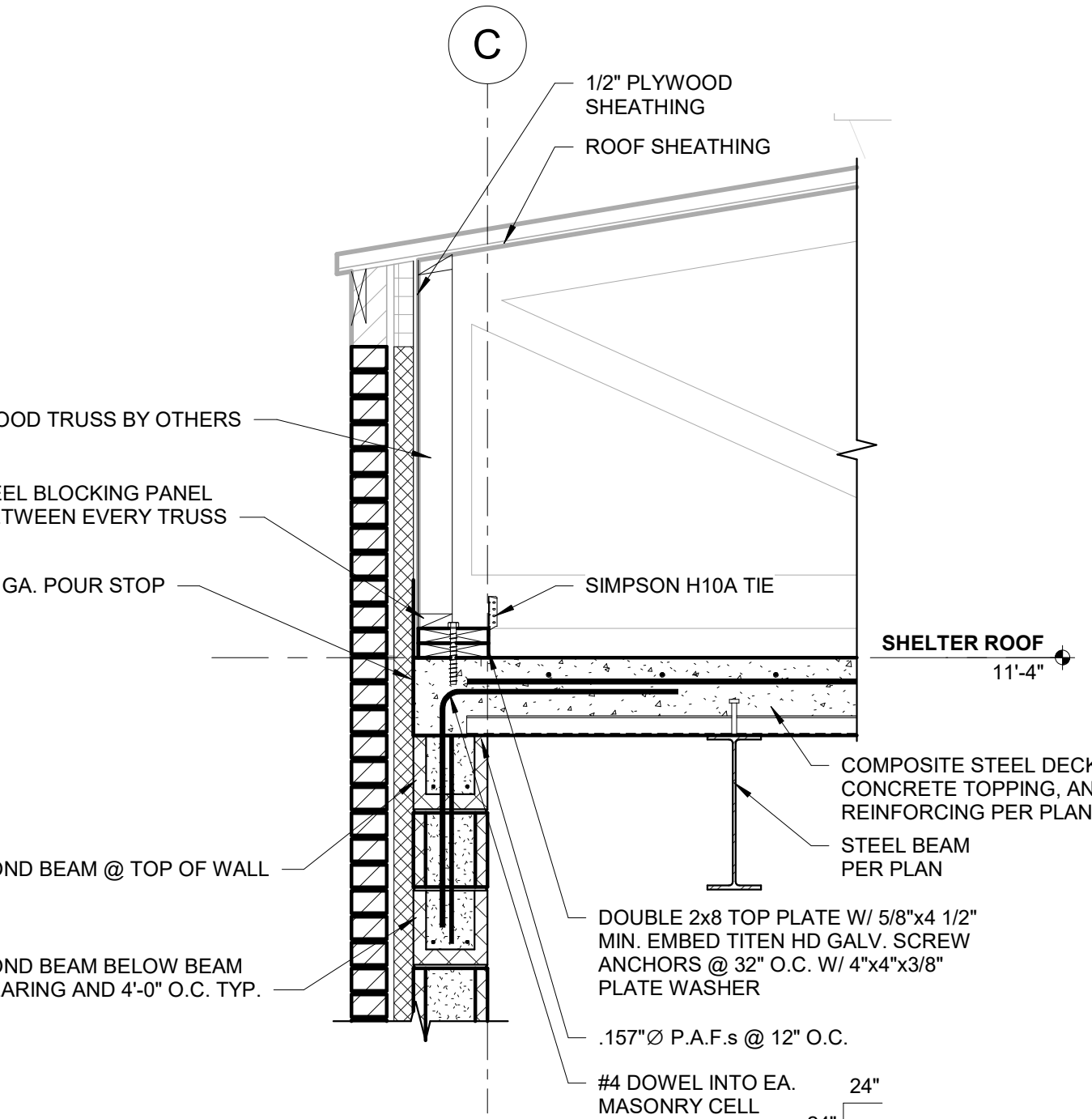
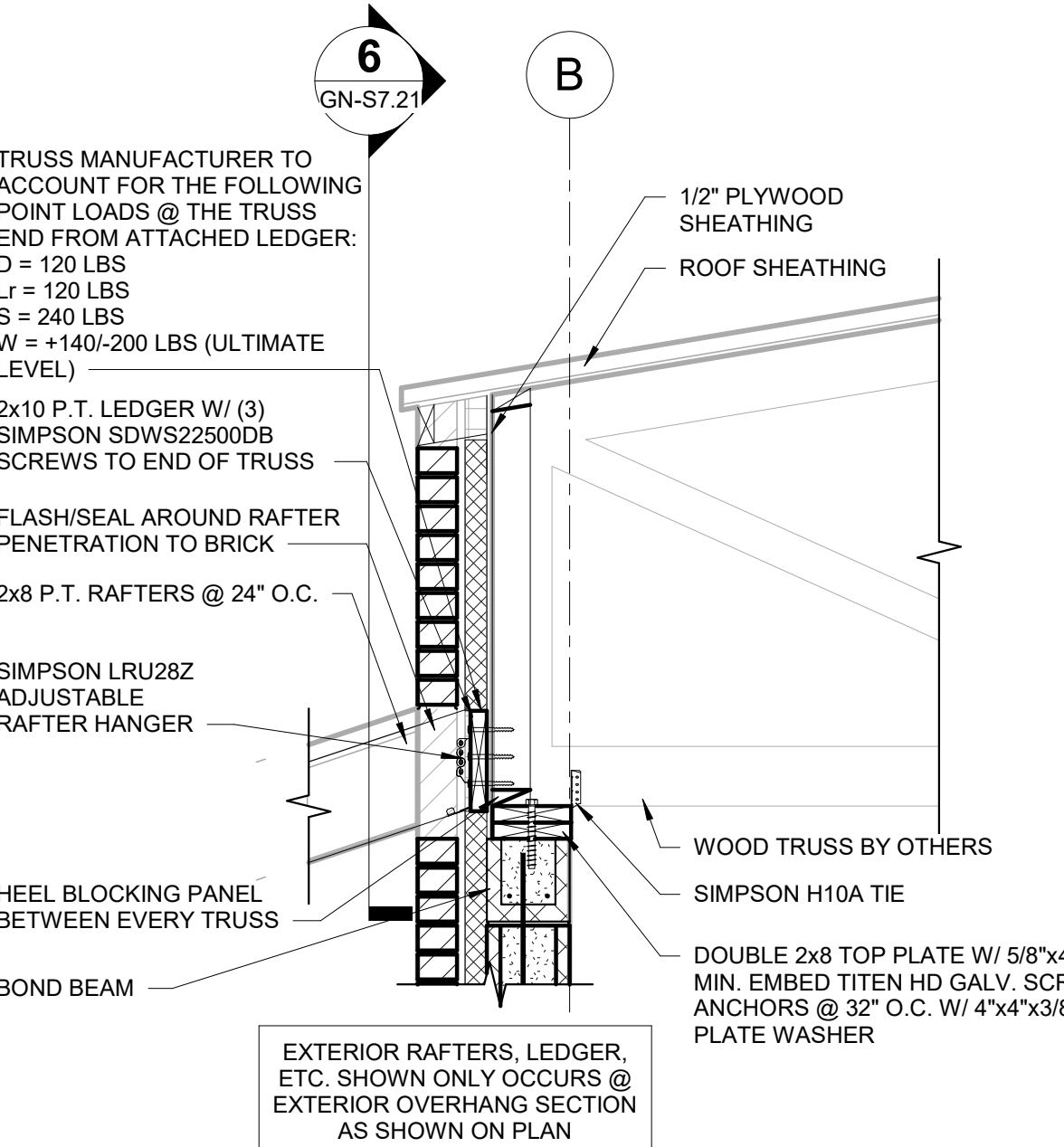
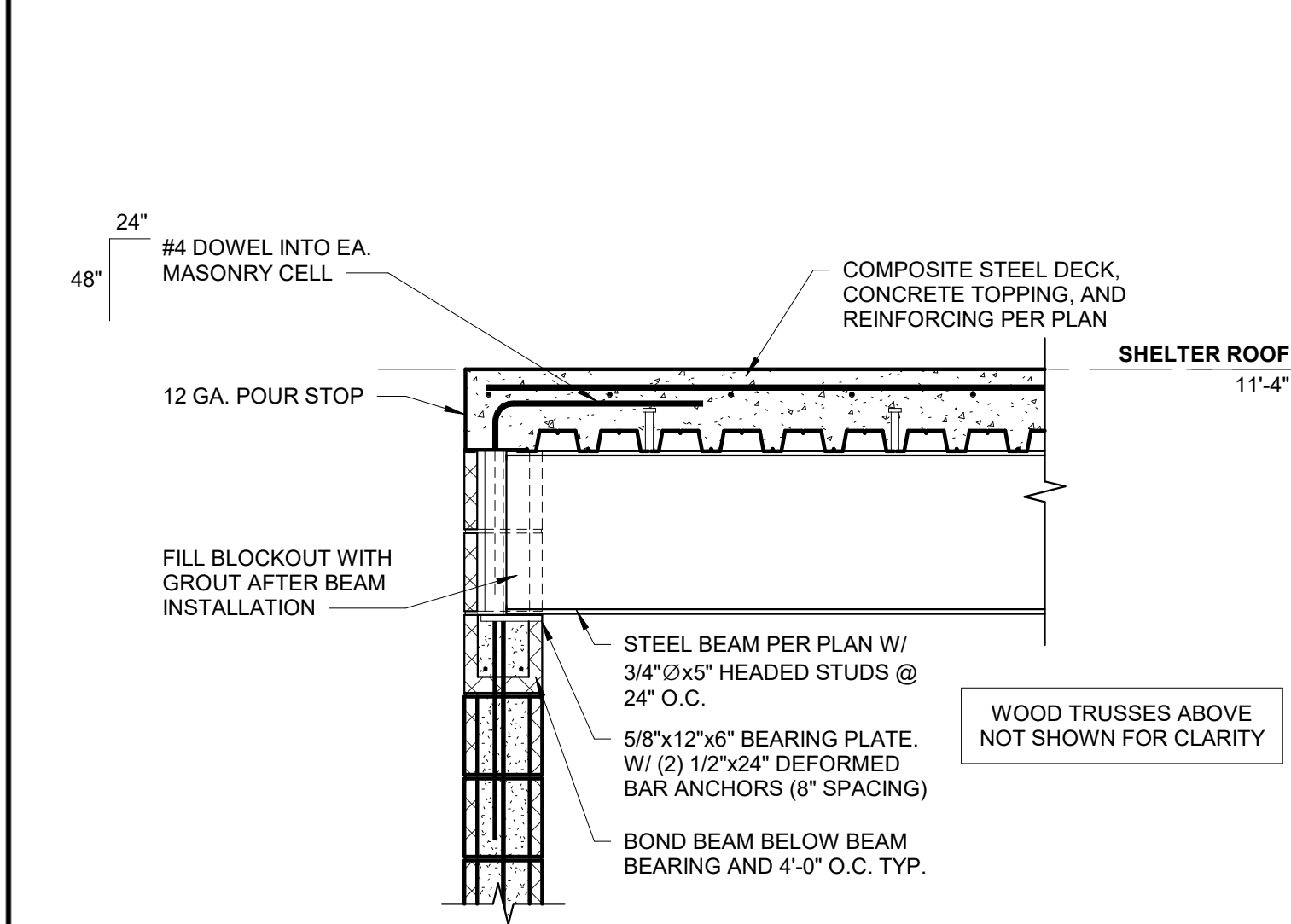
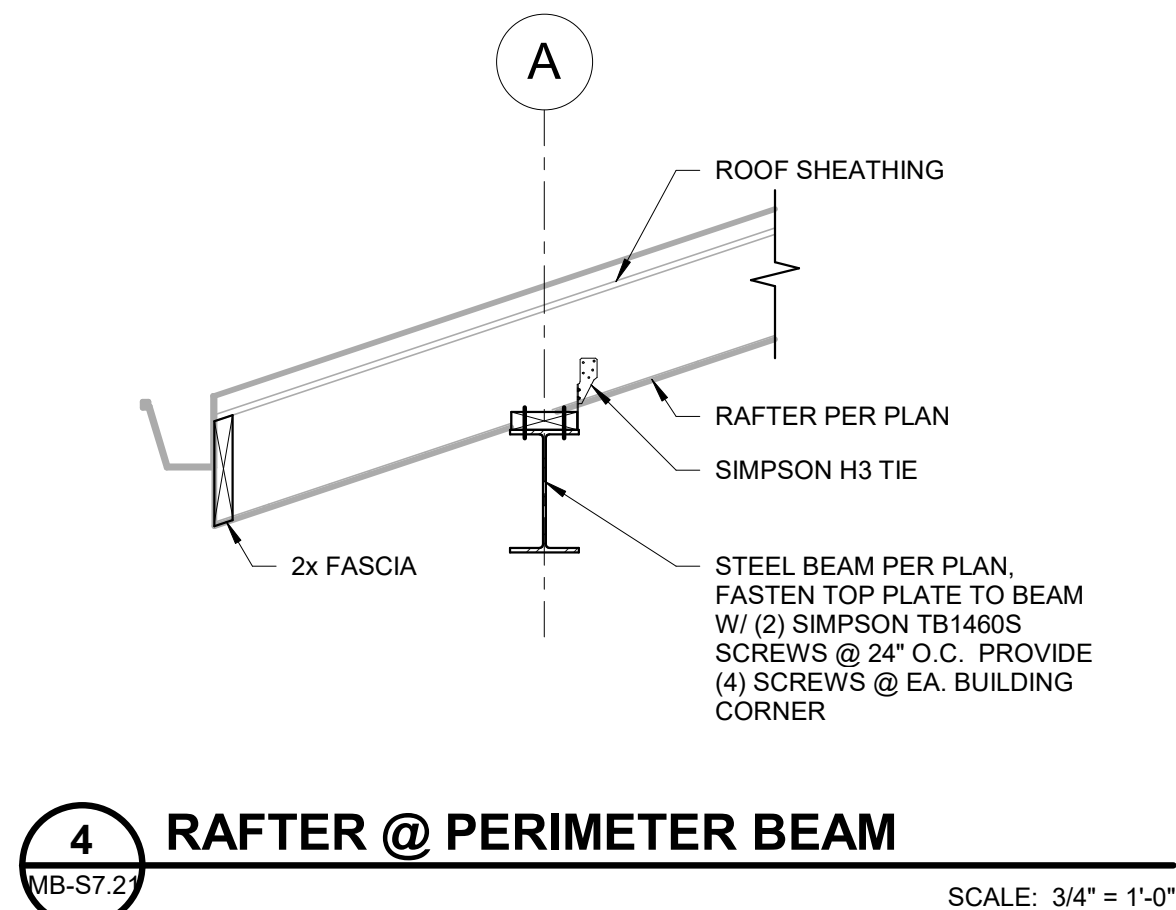
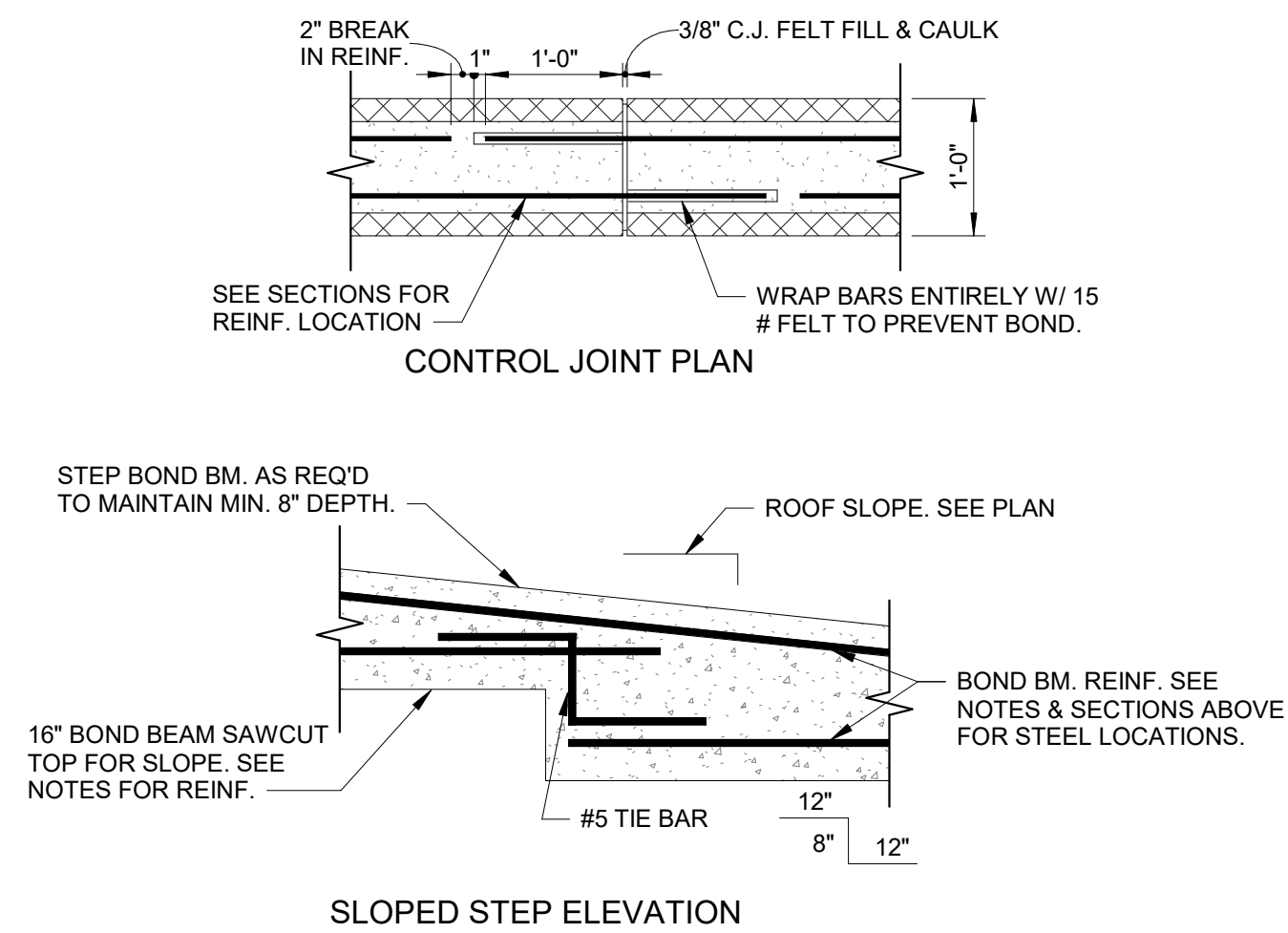
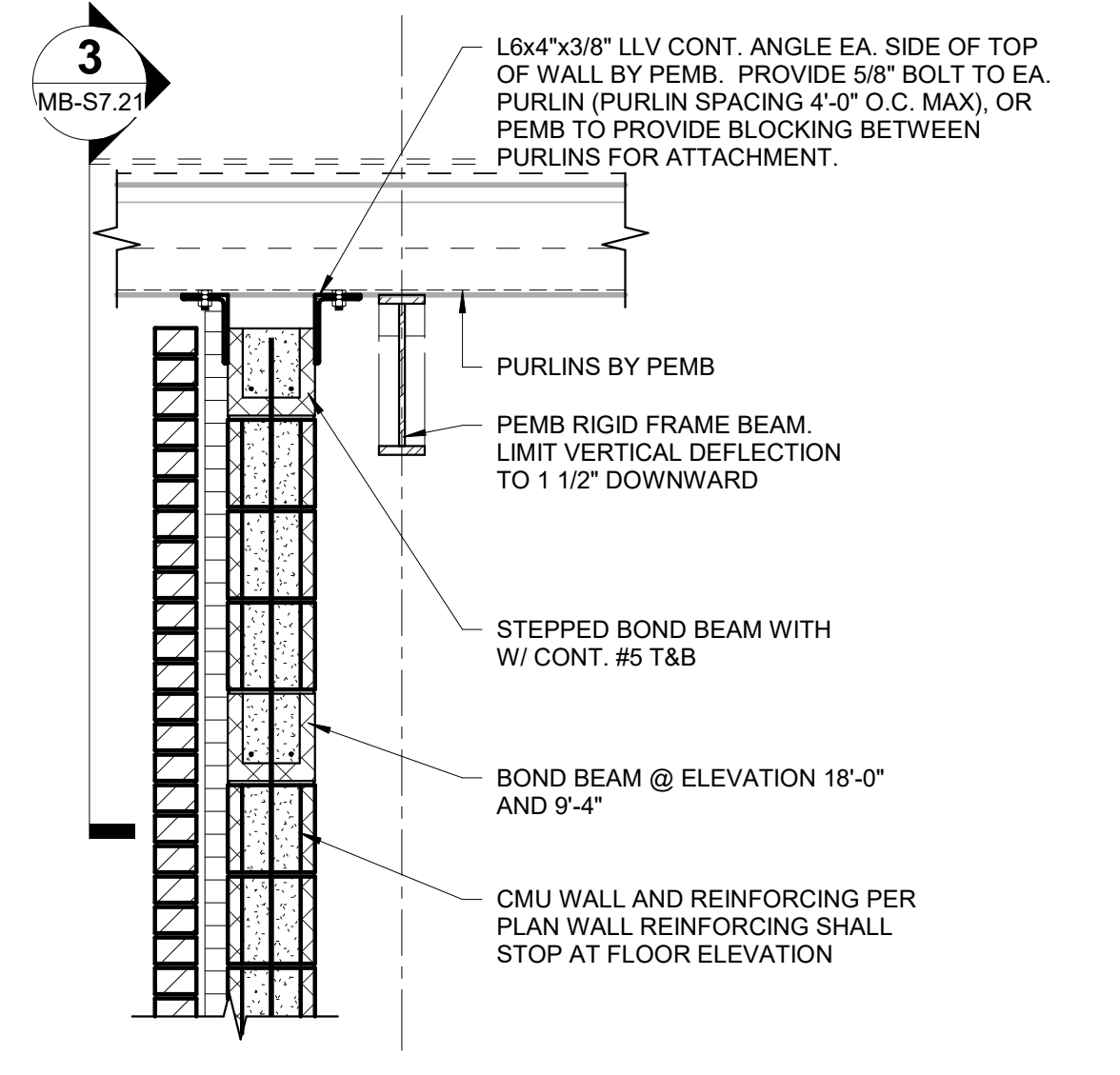
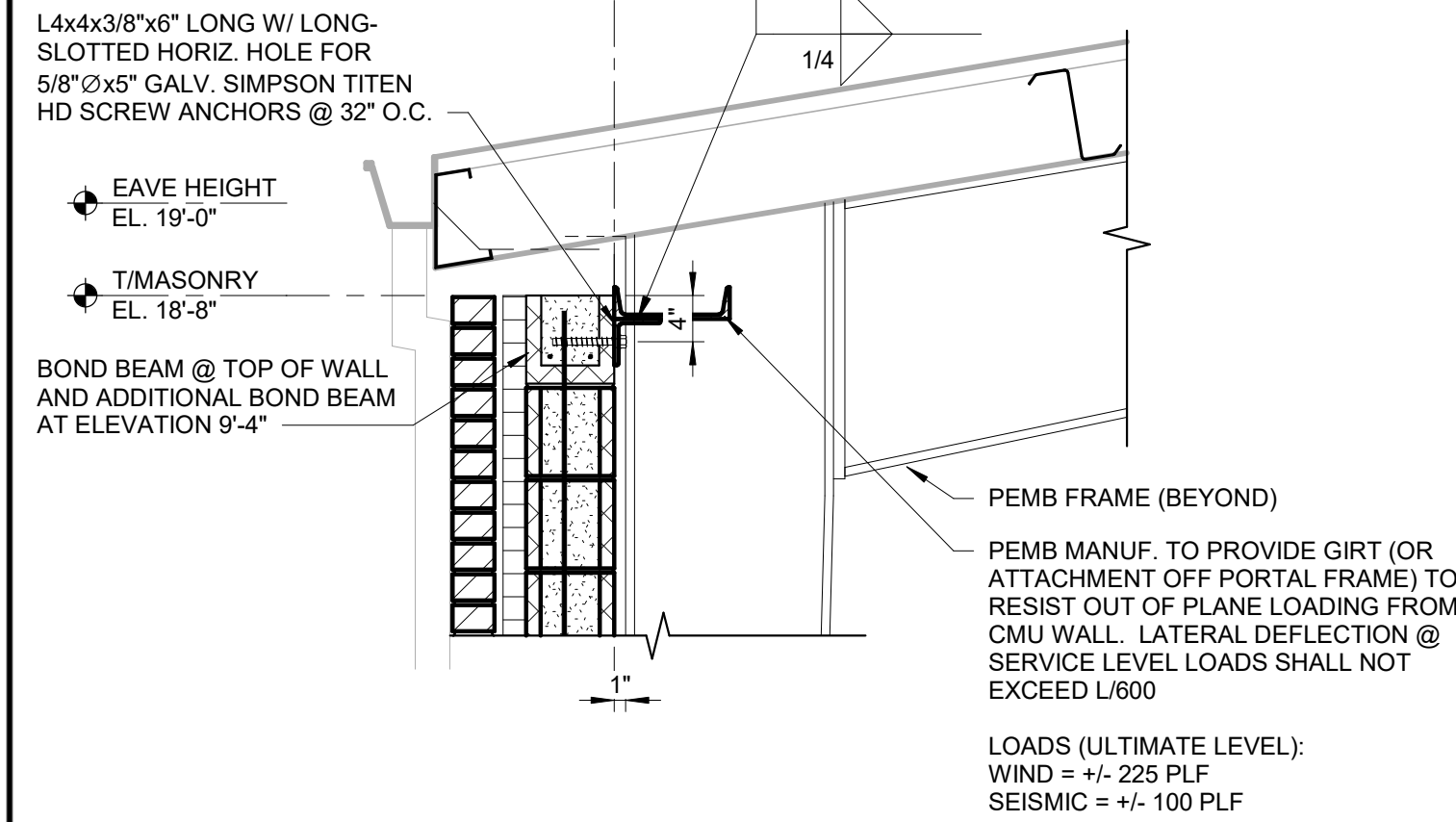


2 ROOF FRAMING PLAN - HARDENED SHELTER
SCALE: 3/16" = 1'-0"

Drawing: MB-S1.02 - 02/24/2023 - 100% CD - ISSUE FOR PERMIT
 File: AutoCAD/Draw/23/05/0010 - SEE Franklin PWA/3596810_JMP/1_3_V201.rvt
 Title: 01/12/2024 12:36:48 PM
 User: MB-S1.02

REV.	DR.	CHK.	DESCRIPTION
0	ACM	EWJ	100% CD - ISSUE FOR PERMIT
2	CSH	BRW	PERMIT RESUBMITTALS / EIDS ADDRESS/UMZ

MB-S1.02
FILE NO.: 35968-10



MB-S7.21 - FRAMING DETAILS
 Autodesk Docs/75285910 - SEE Franklin Plan/3596810_MBP1_3_V2014.rvt
 11/10/2014 9:58:50 AM
 DWG Date: 11/10/2014 9:58:50 AM

BARGE DESIGN SOLUTIONS

615 361 Franklin St., Franklin, TN 37068
 Phone: 615.254.1500 | Fax: 615.254.6072

REV 2 ONLY

STATE OF TENNESSEE
 REGISTERED ENGINEER
 AGRICULTURE
 COMMERCIAL
 No. 10993

FRAMING DETAILS

CITY OF FRANKLIN, TENNESSEE
SOUTHEAST MUNICIPAL COMPLEX
 FRANKLIN, TENNESSEE

REV.	DR.	CHK.	DATE	DESCRIPTION
0	EWJ	02/26/2023	100% CD ISSUE FOR PERMIT	
1	CSH	09/17/2024	ADD PERMISSIBILITY/ FEES	
2	CSH	09/17/2024	ADDRESS/INZ	

MB-S7.21
 FILE NO.: 35968-10

McKinney TA2314

Five Knuckle Standard Weight Hinge

Experience a safer
and more open world**SPECIFICATIONS:****MATERIAL:**

Stainless, Brass

DESCRIPTION:Five Knuckle Standard
Weight Hinge**FASTENERS:**

- (8) 1/2" x 12-24 Machine Screws
- (8) 1 1/4" x #12 Wood Screws

OPTIONS:

- NRP–Non-Removable Pin
- TB–Ball Bearing
- TCA–Concealed Bearing
- RC–Round Corner - 1/4" radius furnished unless specified
- HT–Hospital Tip
- BT–Ball Tip
- FT–Flat Decorative Tip
- GT–Grooved Tip
- LT–Lined Tip
- RT–Round Tip
- ST–Steeple Tip
- SSF–Safety Stud Feature
- QC–4, 8, or 12 wire available
- CC–4, 8, or 12 wire available
- CC-18–2, 4, 6, 8, or 10 wire available (2-18AWG wires and the remainder 28AWG wires)
- MM–Magnetic Monitoring

NOTES:

- When doors are beveled specify TA4314

SIZE:

4 1/2" x 4 1/2"

AVAILABLE FINISHES:

- P–Prime Coat
- US3/605
- US4/606
- US10/612
- US10A/614
- US10B/613
- US15/646
- US26/625
- US26D/626
- US32/629
- US32D/630
- 10BE–Bronze Satin Powder Coat
- BSP–Black Suede Powder Coat
- WSP–White Suede Powder Coat

PACKAGED/WEIGHT:

- 3 ea Per Box
- 48 ea Per Case
- Case Weight–57 lbs

UL/ANSI:NFPA 80 UL Openings
A5112 Grade 2
A2112