

Addendum No. 2**Issued: September 17, 2026**

Project Name: Nazareth Area School District
Nazareth High School Press Box Replacement
CHA Project No. 106040

Project Owner: Nazareth Area School District
One Education Plaza
Nazareth, PA 18064

Construction: CHA
Manager One East Broad St., Suite 310
Bethlehem, PA 18018

BID DUE DATE: FRIDAY, OCTOBER 9, 2026 @ 2:00 p.m.

*This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated **September 2026** as noted below. This addendum must be acknowledged on the Bid Form in the space provided for this purpose. Failure to so acknowledge this addendum may subject the Bidder to disqualification.*

1.0 GENERAL INFORMATION:

- 1.1 The Owner has made the project site available for contractor visits on Wednesday, September 23, 2026, from 9:00 A.M. to 2:00 P.M. Contractors interested in visiting the site shall report to the District Office located at 501 E. Center Street, Nazareth, PA 18064 and ask for Mindy Heimbach, who will coordinate access.
- 1.2 This addendum consists of 58 pages, including the following attachments:
- 1 Page of sign-in sheets from the pre-bid meeting held on September 11, 2026
 - 4 Pages of revised and reissued specification section 000010, "Table of Contents"
 - 8 Pages of revised and reissued specification section 004113, "Bid Form"
 - 6 Pages of revised and reissued specification section 007346.13, "Prevailing Wage Determination Schedule"
 - 6 Pages of revised and reissued specification section 017900, "Demonstration and Training"
 - 1 Page of revised and reissued Drawing CS-1.0A, "Cover Sheet"
 - 1 Page of revised and reissued Drawing SP-1.0A, "Site Plan Base Bid A"
 - 1 Page of revised and reissued Drawing D-1.0A, "Demolition Framing Plan Base Bid A"
 - 1 Page of revised and reissued Drawing G-1.0A, "New Work Plan Base Bid A"
 - 1 Page of revised and reissued Drawing G-2.0A, "Details Base Bid A"
 - 1 Page of revised and reissued Drawing E-001A, "Abbreviations, Symbols and Specifications - Base Bid A"
 - 1 Page of revised and reissued Drawing E-100A, "Electrical Plans - Base Bid A"

- 1 Page of revised and reissued Drawing E-701A, “Details - Base Bid A”
- 1 Page of revised and reissued Drawing S-0.01A, “Press Box Refurbishment Base Bid A”
- 1 Page of revised and reissued Drawing S-1.0A, “Press Box Refurbishment Plans and Elevations Base Bid A”
- 1 Page of revised and reissued Drawing S-2.0A, “Repair Sections and Details Base Bid A”
- 1 Page of revised and reissued Drawing S-3.0A, “Repair Sections and Details Base Bid A”
- 1 Page of revised and reissued Drawing S-5.0A, “Existing Foundation Plan Base Bid A”
- 1 Page of newly issued Drawing CS-1.0B, “Cover Sheet”
- 1 Page of newly issued Drawing SP-1.0B, “Site Plan Base Bid B”
- 1 Page of revised and reissued Drawing D-101B, “Demolition Framing Plan Base Bid B”
- 1 Page of revised and reissued Drawing D-501B, “Existing East Elevation - Demolition Base Bid B”
- 1 Page of revised and reissued Drawing G-100B, “Basis of Design Press Box (Southern Bleacher Company - Reference) Base Bid B”
- 1 Page of revised and reissued Drawing G-101B, “Basis of Design Press Box (Southern Bleacher Company - Reference) Base Bid B”
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- 1 Page of revised and reissued Drawing S-500B, “Existing North Elevation Base Bid B”
- 1 Page of revised and reissued Drawing S-501B, “East Elevation Base Bid B”

2.0 CHANGES TO PREVIOUS ADDENDA:

2.1 None.

3.0 CHANGES TO THE BIDDING REQUIREMENTS, CONTRACT FORMS, & CONDITIONS OF THE CONTRACT:

3.1 Section 004113, “Bid Form,” **DELETE** the current specification section in its entirety and **REPLACE** with the revised and reissued specification section as attached to this Addendum No. 2.

4.0 CHANGES TO THE SPECIFICATIONS:

- 4.1 Section 000110, "Table of Contents," **DELETE** the current specification section in its entirety and **REPLACE** with the revised and reissued specification section as attached to this Addendum No. 2.
- 4.2 Section 007346.13, "Prevailing Wage Rate Determination Schedule", **ADD** the current specification section in its entirety as attached to this Addendum No. 2.
- 4.3 Section 017900, "Demonstration and Training", **ADD** the current specification section in its entirety as attached to this Addendum No. 2.

5.0 CHANGES TO THE DRAWINGS:

- 5.1 Drawing CS-1.0, "Cover Sheet," **DELETE** in its entirety and **REPLACE** with the Revised and Reissued CS-1.0A included as an attachment to this Addendum.
- 5.2 Drawing SP-1.0, "Site Plan Base Bid A," **DELETE** in its entirety and **REPLACE** with the Revised and Reissued SP-1.0A included as an attachment to this Addendum.
- 5.3 Drawing D-1.0, " Demolition Plan Base Bid A," **DELETE** in its entirety and **REPLACE** with the Revised and Reissued D-1.0A included as an attachment to this Addendum.
- 5.4 Drawing G-1.0, " New Work Plan Base Bid A," **DELETE** in its entirety and **REPLACE** with the Revised and Reissued G-1.0A included as an attachment to this Addendum.
- 5.5 Drawing G-2.0, "Details - Base Bid A," **DELETE** in its entirety and **REPLACE** with the Revised and Reissued G-2.0A included as an attachment to this Addendum.
- 5.6 Drawing E-001, "Abbreviations, Symbols and Specifications," **DELETE** in its entirety and **REPLACE** with the Revised and Reissued E-001A included as an attachment to this Addendum.
- 5.7 Drawing E-100, "Electrical Plans - Base Bid A," **DELETE** in its entirety and **REPLACE** with the Revised and Reissued E-001A included as an attachment to this Addendum.
- 5.8 Drawing E-701, "Details Base Bid A," **DELETE** in its entirety and **REPLACE** with the Revised and Reissued E-701A included as an attachment to this Addendum.
- 5.9 Drawing S-0.01, " Press Box Refurbishment Base Bid A," **DELETE** in its entirety and **REPLACE** with the Revised and Reissued S-0.01A included as an attachment to this Addendum.
- 5.10 Drawing S-1.0, "Press Box Refurbishment Plans And Elevations Base Bid A," **DELETE** in its entirety and **REPLACE** with the Revised and Reissued S-1.0A included as an attachment to this Addendum.
- 5.11 Drawing S-2.0, " Repair Sections and Details Base Bid A," **DELETE** in its entirety and **REPLACE** with the Revised and Reissued S-2.0A included as an attachment to this Addendum.

- 5.12 Drawing S-3.0, " Repair Sections and Details Base Bid A," **DELETE** in its entirety and **REPLACE** with the Revised and Reissued S-3.0A included as an attachment to this Addendum.
- 5.13 Drawing S-5.0, " Existing Foundation Plan Base Bid A," **DELETE** in its entirety and **REPLACE** with the Revised and Reissued S-5.0A included as an attachment to this Addendum.
- 5.14 Drawing CS-1.0B, "Cover Sheet," **ADD** in its entirety as an attachment to this Addendum.
- 5.15 Drawing SP-1.0B, "Site Plan Base Bid B," **ADD** in its entirety as an attachment to this Addendum.
- 5.16 Drawing D-101, " Demolition Framing Plan Base Bid B," **DELETE** in its entirety and **REPLACE** with the Revised and Reissued D-101B included as an attachment to this Addendum.
- 5.17 Drawing D-501, "Existing East Elevation - Demolition Base Bid B," **DELETE** in its entirety and **REPLACE** with the Revised and Reissued D-501B included as an attachment to this Addendum.
- 5.18 Drawing G-100, " Basis of Design Press Box (Southern Bleacher Company - Reference) Base Bid B," **DELETE** in its entirety and **REPLACE** with the Revised and Reissued G-100B included as an attachment to this Addendum.
- 5.19 Drawing G-101, " Basis of Design Press Box (Southern Bleacher Company - Reference) Base Bid B," **DELETE** in its entirety and **REPLACE** with the Revised and Reissued G-101B included as an attachment to this Addendum.
- 5.20 Drawing E-001, "Abbreviation, Symbols & Specifications," **DELETE** in its entirety and **REPLACE** with the Revised and Reissued E-001B included as an attachment to this Addendum.
- 5.21 Drawing E-101, "Electrical Plans - Base Bid B," **DELETE** in its entirety and **REPLACE** with the Revised and Reissued E-101B included as an attachment to this Addendum.
- 5.22 Drawing E-701, " Details Base Bid B," **DELETE** in its entirety and **REPLACE** with the Revised and Reissued E-701B included as an attachment to this Addendum.
- 5.23 Drawing S-100, "Existing Foundation Plan Base Bid B," **DELETE** in its entirety and **REPLACE** with the Revised and Reissued S-100B included as an attachment to this Addendum.
- 5.24 Drawing S-101, "Framing Plan Base Bid B," **DELETE** in its entirety and **REPLACE** with the Revised and Reissued S-101B included as an attachment to this Addendum.
- 5.25 Drawing S-500, " Existing North Elevation Base Bid B," **DELETE** in its entirety and **REPLACE** with the Revised and Reissued S-500B included as an attachment to this Addendum.
- 5.26 Drawing S-501, " East Elevation Base Bid B," **DELETE** in its entirety and **REPLACE** with the Revised and Reissued S-501B included as an attachment to this Addendum.

6.0 BIDDERS QUESTIONS:

Below are the questions received during bidding as of September 17, 2026.

6.1 **QUESTION:** *The agreement lists \$1,000.00 a day in liquidated damages and the Supplementary Conditions lists it at \$500.00 a day. Which should we follow?*

ANSWER: The contract includes two liquidated damages sections—they apply to different circumstances:

- The \$1,000/day liquidated damages in the Agreement apply to overall project delays, specifically if Substantial Completion or Final Completion is not achieved within the contract time.
- The \$500/day liquidated damages in the Supplementary Conditions apply specifically to delays in submitting required items such as shop drawings, product data, and samples. This is separate from the overall project completion timeline.

NOTE:

- ALL BIDDERS MUST indicate receipt of this Addendum on Page 1 of the Bid Form.
- **No other acknowledgement** is needed or requested to be returned as receipt of Addenda is tracked through the Sharefile service Addenda are issued through.

END OF ADDENDUM NO. 2 – 103947

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NAZARETH AREA SCHOOL DISTRICT
NAZARETH HIGH SCHOOL STADIUM PRESS BOX IMPROVEMENTS

Submitted To:

Submitted By:

Nazareth Area School District

One Education Plaza

Nazareth, PA 18064

THIS BID FORM SHALL NOT BE ALTERED IN ANY MANNER. ANY ALTERED BID FORMS SHALL BE CONSIDERED NON-RESPONSIVE AND WILL BE REJECTED.

1. The undersigned BIDDER proposes and agrees, if this Bid is accepted, to enter into an Agreement with OWNER in the form included in the Contract Documents to complete all Work as specified or indicated in the Contract Documents for the Contract Price and within the Contract Time indicated in this Bid and in accordance with the Contract Documents.
2. BIDDER accepts all of the terms and conditions of the Instructions to Bidders, including without limitation, those dealing with disposition of Bid Security. This Bid will remain open for 60 days after the day of Bid Opening unless the OWNER is delayed in awarding the Contract due to the failure to receive a required approval or permit from one or more reviewing bodies/governmental agencies having jurisdiction over the Project, the sale of bonds, or the award of a grant, in which case, Bids shall remain open for 120 days after the day of the Bid opening. BIDDER will sign the Agreement and submit the Contract Security and other documents required by the Contract Documents within ten (10) days after the date of OWNER'S Notice of Award.
3. In submitting this Bid, BIDDER represents, as more fully set forth in the Agreement, that:
 - a. BIDDER has examined copies of all Contract Documents, Advertisement to Bid, the Instructions to Bidders. BIDDER has reported any discrepancies, duplications, errors or omissions in the Contract Documents, as required in the Instructions to Bidders and hereby waives any claims for additional cost or time for such matters that were apparent or discoverable by BIDDER from a thorough and complete review of the Contract Documents prior to submission of this bid. Additionally, the BIDDER hereby acknowledges receipt of the following addenda:

Addenda No. _____

- b. BIDDER has examined the site and locality where the Work is to be performed, the legal requirements (federal, state, and local laws, ordinances, rules and regulations) and the conditions affecting cost, progress or performance of the Work and has made such independent investigations, as BIDDER deems necessary. Failure to visit the project site shall be no reason for future request for additional compensation or costs of any kind.
 - c. This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, form, or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; BIDDER has not directly or indirectly induced or solicited any other BIDDER to submit a false or sham Bid; BIDDER has not solicited or induced any person, firm or corporation to refrain from bidding; and BIDDER has not sought by collusion to obtain for BIDDER any advantage over any other BIDDER or OWNER.

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The BIDDER agrees to perform the various items of Work for the following Single Lump Sum Price:

The BIDDER shall provide all labor, materials, equipment, supervision, and incidental work required to complete the following base bid work as indicated in the Contract Documents.

The BIDDER shall include all costs necessary to provide a complete project in accordance with the Drawings, Specifications, and Contract Documents.

The Owner is soliciting pricing for two mutually exclusive project options. Base Bid A represents the renovation of the existing press box. BASE BID B represents full replacement of the press box. The Owner intends to award only one of these options. **The Bidder has the option to bid either BASE BID A or BASE BID B, or both. The Owner reserves the right to select the base bid that provides the best value for the district and will not be based strictly upon price.**

BASE BID A :

Single Prime Contract for the refurbishment of the existing press box (**including** project allowances) for all work as indicated in the Contract Documents.

_____ Dollars.
(Words)
(\$ _____).
(Figures)

BASE BID B :

Single Prime Contract for the complete demolition of the existing press box and construction of a new replacement press box (**including** project allowances) for all work as indicated in the Contract Documents.

_____ Dollars.
(Words)
(\$ _____).
(Figures)

4. **ALTERNATES:** The BIDDER agrees that the Owner shall have the right to accept or reject any or all of the following alternates, which acceptance or rejection shall enter into the determination of the low bidder. The BIDDER agrees that the contract time shall not be increased on account of the acceptance of any one or combination of alternates unless specifically stated in such Alternate descriptions. The BIDDER agrees that the Owner shall have the right to accept an alternate that is higher in price than the base bid or other alternate. Alternates Prices shall include the cost of furnishing, installing all materials, labor, tools, equipment and other incidentals necessary to complete the work in accordance with the design intent, manufacturers' recommendations, building codes and the project

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specifications. Do not adjust material allowance under any alternate bid items. Indicate whether alternate price is an add or deduct when a choice is provided.

ALTERNATE No. 1: The BIDDER shall state the adjustment in price to be **ADDED** to or **DEDUCTED** from the **Base Bid A** to provide all Work associated with refurbishment of the press box as indicated on the Construction Documents during the alternate schedule provided in Section 011000 – Summary.

ADD _____ Dollars.
(Words)

(\$ _____)
(Figures)

ALTERNATE No. 2: The BIDDER shall state the adjustment in price to be **ADDED** to or **DEDUCTED** from the **Base Bid B** to provide all Work associated with the new press box as indicated on the Construction Documents during the alternate schedule provided in Section 011000 – Summary.

ADD _____ Dollars.
(Words)

(\$ _____)
(Figures)

5. **BASE BID A UNIT PRICES:** OWNER to make adjustments to the Contract based on the actual field conditions encountered using the Unit Prices included with the Bid. The BIDDER agrees that OWNER reserves the right to reject or otherwise not agree to use the Unit Prices submitted, if in the Owner's opinion, the nature or quantity of the work encountered is such that the unit price cost no longer applies to the Work. The Owner also reserves the right to solicit independent proposals as required by the Department of Education guidelines, under a separate contract to perform the services required. **The responsiveness of the Bid may be determined by the Owner on the basis of the Unit Prices proposed by the BIDDER. Unit prices shall be consistent with verifiable average costs for the work to be performed. Bidders agree that a proposal may be rejected if the Unit Prices submitted are inconsistent with the average cost.** Under NO circumstances will BIDDER perform Unit Price Work without prior written authorization from OWNER. Unit Prices shall include costs for furnishing and installing all materials, labor, tools, equipment, and other incidentals necessary to complete the specified operation. The BIDDER agrees that in the event of any inconsistency between a Unit Price and the extension of a Unit Price in a Material Allowance, the Unit Price shall control, and the Material Allowance extension shall be recalculated.

UNIT PRICE 1: BIDDER agrees to provide **wall stud repair** in accordance with the unit price description show on Drawing No. S-2.0A

Contract Unit Price (per unit):
\$ _____ / Each

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UNIT PRICE 2: BIDDER agrees to provide **floor joist repair** in accordance with the unit price description shown on Drawing No. S-2.0A

Contract Unit Price (per unit):

\$ _____ / Each

UNIT PRICE 3: BIDDER agrees to provide **floor sheathing repair** in accordance with the unit price description shown on Drawing No. S-2.0A

Contract Unit Price (20 SQ/FT):

\$ _____ / Each

UNIT PRICE 4: BIDDER agrees to provide **top plate repair** in accordance with the unit price description shown on Drawing No. S-2.0A

Contract Unit Price (4 Lineal Ft):

\$ _____ / Each

UNIT PRICE 5: BIDDER agrees to provide **bottom/sole plate repair** in accordance with the unit price description shown on Drawing No. S-2.0A

Contract Unit Price (1'4" Lineal Ft):

\$ _____ / Each

UNIT PRICE 6: BIDDER agrees to provide **rim joist repair** in accordance with the unit price description shown on Drawing No. S-2.0A

Contract Unit Price (2 Lineal Ft):

\$ _____ / Each

UNIT PRICE 7: BIDDER agrees to provide **roof truss top chord repair** in accordance with the unit price description shown on Drawing No. S-2.0A

Contract Unit Price (2'8" Length):

\$ _____ / Each

UNIT PRICE 8: BIDDER agrees to provide **roof truss end bearing repair** in accordance with the unit price description shown on Drawing No. S-2.0A

Contract Unit Price (per unit):

\$ _____ / Each

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UNIT PRICE 9: BIDDER agrees to provide **roof truss sheathing repair** in accordance with the unit price description show on Drawing No. S-2.0A

Contract Unit Price (10 SQ/FT):

\$ _____ / Each

UNIT PRICE 10: BIDDER agrees to provide a (fully burdened) journeyman electrician at the following unit price.

Contract Unit Price to provide one journeyman electrician is:

\$ _____ / Hour

UNIT PRICE 11: BIDDER agrees to provide a (fully burdened) carpenter at the following unit price.

Contract Unit Price to provide one carpenter is:

\$ _____ / Hour

6. **BASE BID A PROJECT QUANTITY ALLOWANCE:** The Engineer must field measure and approve all allowance work prior to the Contractor performing the Work. Should the allowance amount be exceeded, the Contractor will be paid by Change Order addition at the Unit Price established for the related Work. Similarly, should be allowance amount be less than the allowed amount, the Contractor will credit the Owner for the unused quantity in accordance with the related Unit Price by a Change Order deduction.

BIDDER agrees to include in the Base Bid A Price, in addition to the Work shown on the Construction Documents the following:

- | | |
|------------------------|--|
| Quantity Allowance 1: | Forty (40) each of Unit Price 1 work. |
| Quantity Allowance 2: | Forty (40) each of Unit Price 2 work. |
| Quantity Allowance 3: | Forty (40) each of Unit Price 3 work. |
| Quantity Allowance 4: | Forty (40) each of Unit Price 4 work. |
| Quantity Allowance 5: | Forty (40) each of Unit Price 5 work. |
| Quantity Allowance 6: | Forty (40) each of Unit Price 6 work. |
| Quantity Allowance 7: | Forty (40) each of Unit Price 7 work. |
| Quantity Allowance 8: | Forty (40) each of Unit Price 8 work. |
| Quantity Allowance 9: | Forty (40) each of Unit Price 9 work. |
| Quantity Allowance 10: | One Hundred (100) hours of Unit Price 10 work. |
| Quantity Allowance 11: | One hundred (100) hours of Unit Price 11 work. |

REVISED AND REISSUED ADDENDUM NO. 2 – SEPTEMBER 17, 2026

BID FORM

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NAZARETH HIGH SCHOOL
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7. **BASE BID B. UNIT PRICES:** OWNER to make adjustments to the Contract based on the actual field conditions encountered using the Unit Prices included with the Bid. The BIDDER agrees that OWNER reserves the right to reject or otherwise not agree to use the Unit Prices submitted, if in the Owner's opinion, the nature or quantity of the work encountered is such that the unit price cost no longer applies to the Work. The Owner also reserves the right to solicit independent proposals as required by the Department of Education guidelines, under a separate contract to perform the services required. **The responsiveness of the Bid may be determined by the Owner on the basis of the Unit Prices proposed by the BIDDER. Unit prices shall be consistent with verifiable average costs for the work to be performed. Bidders agree that a proposal may be rejected if the Unit Prices submitted are inconsistent with the average cost.** Under NO circumstances will BIDDER perform Unit Price Work without prior written authorization from OWNER. Unit Prices shall include costs for furnishing and installing all materials, labor, tools, equipment, and other incidentals necessary to complete the specified operation. The BIDDER agrees that in the event of any inconsistency between a Unit Price and the extension of a Unit Price in a Material Allowance, the Unit Price shall control, and the Material Allowance extension shall be recalculated.

UNIT PRICE 1: BIDDER agrees to furnish and install one (1) inch EMT conduit, including all fittings, couplings, supports, and connections required at the following unit price:

Contract Unit Price (per linear foot):

\$ _____ / LF

UNIT PRICE 2: BIDDER agrees to furnish and install #10 AWG copper wire (4 conductors) at the following unit price:

Contract Unit Price (per linear foot):

\$ _____ / LF

UNIT PRICE 3: BIDDER agrees to provide miscellaneous structural steel installation at the following unit price:

Contract Unit Price (per ton):

\$ _____ / Ton

UNIT PRICE 4: BIDDER agrees to provide a fully burden journeyman electrician at the following unit price:

Contract Unit Price (hour):

\$ _____ / Hour

UNIT PRICE 5: BIDDER agrees to provide a fully burden carpenter at the following unit price:

Contract Unit Price (hour):

\$ _____ / Hour

NAZARETH AREA SCHOOL DISTRICT
NAZARETH HIGH SCHOOL
STADIUM PRESS BOX IMPROVEMENTS

8. **BASE BID B PROJECT QUANTITY ALLOWANCE:** The Engineer must field measure and approve all allowance work prior to the Contractor performing the Work. Should the allowance amount be exceeded, the Contractor will be paid by Change Order addition at the Unit Price established for the related Work. Similarly, should the allowance amount be less than the allowed amount, the Contractor will credit the Owner for the unused quantity in accordance with the related Unit Price by a Change Order deduction.

BIDDER agrees to include in the Base Bid B Price, in addition to the Work shown on the Construction Documents the following:

- | | |
|-----------------------|---|
| Quantity Allowance 1: | One hundred (100) lineal feet of Unit Price 1 work. |
| Quantity Allowance 2: | One hundred (100) lineal feet of Unit Price 2 work. |
| Quantity Allowance 3: | Two (2) tons of Unit Price 3 work. |
| Quantity Allowance 4: | Seventy-Five (75) hours of Unit Price 4 work. |
| Quantity Allowance 5: | Seventy-Five (75) hours of Unit Price 5 work. |
9. BIDDER accepts the provisions of the Agreement as to the liquidated damages in the event of failure to complete the Work by the date defined in Section 011000 – SUMMARY.
10. BIDDER understands that the OWNER reserves the unrestricted right to reject any and all bids. The Owner reserves the right to waive non-material defects, informalities, or technicalities in any Bid in accordance with law.
11. BIDDER understands that Owner reserves the right to consider Alternates Prices in determining the low bidder. All Alternate Prices shall include costs for furnishing and installing all materials, labor, tools equipment, and other incidentals necessary to complete the specified operation in accordance with the Project Specifications and the manufacturer's recommendations.
12. Accompanying this Bid is Security in the form of _____ in the amount of ten percent (10%) of the total of the Base Bid and all possible add alternates.

NAZARETH AREA SCHOOL DISTRICT
NAZARETH HIGH SCHOOL
STADIUM PRESS BOX IMPROVEMENTS

In witness whereof, the undersigned has caused this Proposal to be executed this _____ day of _____, 20____.

INDIVIDUAL, PARTNERSHIP, LIMITED LIABILITY COMPANY, OR CORPORATION

(Firm Name)

By _____
(Signature)

Print or Type Name of Person Authorized to Sign (Title)

State of LLC or Incorporation _____

Business Address _____

Telephone Number (_____) _____

Cellular Number (_____) _____

Email Address* _____
**Provide email address(es) for Notices*

Attest by _____

Print or Type Name of Person

Business / Corporate Seal:

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project Name:	106040 - NASD HS Stadium Press Box Repairs-Replace
General Description:	Replacement or Repair of Nazareth Area High School Athletic Field Press Box
Project Locality	Upper Nazareth Township
Awarding Agency:	Nazareth Area School District
Contract Award Date:	10/28/2026
Serial Number:	26-08328
Project Classification:	Building
Determination Date:	9/16/2026
Assigned Field Office:	Scranton
Field Office Phone Number:	(570)963-4577
Toll Free Phone Number:	(877)214-3962
Project County:	Northampton County

BUREAU OF LABOR LAW COMPLIANCE PREVAILING WAGES PROJECT RATES

Project: 26-08328 - Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Asbestos & Insulation Workers	6/30/2025		\$41.50	\$29.86	\$71.36
Asbestos & Insulation Workers	6/29/2026		\$43.50	\$31.11	\$74.61
Boilermaker (Commercial, Institutional, and Minor Repair Work)	3/1/2026		\$41.34	\$19.23	\$60.57
Boilermakers	1/1/2026		\$58.00	\$36.57	\$94.57
Bricklayers, Stone Masons, Pointers, Caulkers, Cleaners	5/3/2026		\$41.99	\$22.07	\$64.06
Carpenter - Chief of Party (Surveying & Layout)	5/1/2026		\$45.01	\$28.44	\$73.45
Carpenter - Chief of Party (Surveying & Layout)	5/1/2027		\$46.51	\$28.79	\$75.30
Carpenter - Chief of Party (Surveying & Layout)	5/1/2028		\$48.16	\$29.14	\$77.30
Carpenter - Instrument Person (Surveying & Layout)	5/1/2026		\$41.04	\$28.44	\$69.48
Carpenter - Instrument Person (Surveying & Layout)	5/1/2027		\$42.54	\$28.79	\$71.33
Carpenter - Instrument Person (Surveying & Layout)	5/1/2028		\$44.19	\$29.14	\$73.33
Carpenter - Rodman (Surveying & Layout)	5/1/2026		\$24.62	\$22.55	\$47.17
Carpenter - Rodman (Surveying & Layout)	5/1/2027		\$25.52	\$22.90	\$48.42
Carpenter - Rodman (Surveying & Layout)	5/1/2028		\$26.51	\$23.25	\$49.76
Carpenters	5/1/2026		\$41.04	\$28.44	\$69.48
Carpenters	5/1/2027		\$42.54	\$28.79	\$71.33
Carpenters	5/1/2028		\$44.19	\$29.14	\$73.33
Cement Finishers & Plasterers	5/3/2026		\$35.66	\$22.42	\$58.08
Cement Finishers & Plasterers	5/3/2027		\$34.92	\$25.16	\$60.08
Cement Masons	5/1/2025		\$37.78	\$25.40	\$63.18
Dockbuilder, Pile Drivers	5/1/2026		\$56.98	\$37.99	\$94.97
Dockbuilder/Pile Driver Diver	5/1/2026		\$66.54	\$41.74	\$108.28
Dockbuilder/pile driver tender	5/1/2026		\$56.98	\$37.99	\$94.97
Drywall Finisher	5/1/2026		\$33.02	\$24.00	\$57.02
Electricians	6/1/2026		\$67.92	\$43.81	\$111.73
Electricians	5/31/2027		\$70.29	\$45.34	\$115.63
Elevator Constructor	1/1/2025		\$61.41	\$44.95	\$106.36
Elevator Constructor	1/1/2026		\$64.06	\$46.01	\$110.07
Floor Coverer	5/1/2026		\$42.23	\$30.79	\$73.02
Floor Layer	5/1/2018		\$33.32	\$26.49	\$59.81
Glazier	5/1/2024		\$39.48	\$23.81	\$63.29
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	7/1/2026		\$40.51	\$33.88	\$74.39
Laborers (Class 01 - See notes)	5/1/2025		\$32.09	\$20.14	\$52.23
Laborers (Class 01 - See notes)	5/1/2026		\$33.09	\$20.79	\$53.88
Laborers (Class 02 - See notes)	5/1/2025		\$33.12	\$20.14	\$53.26
Laborers (Class 02 - See notes)	5/1/2026		\$34.12	\$20.79	\$54.91
Laborers (Class 03 - See notes)	4/27/2025		\$32.74	\$20.14	\$52.88
Laborers (Class 03 - See notes)	5/1/2026		\$33.74	\$20.79	\$54.53
Laborers (Class 04 - See notes)	4/27/2025		\$34.24	\$20.14	\$54.38
Laborers (Class 04 - See notes)	5/1/2026		\$35.24	\$20.79	\$56.03
Laborers (Class 05 - See notes)	5/1/2025		\$34.09	\$20.14	\$54.23
Laborers (Class 05 - See notes)	5/1/2026		\$35.09	\$20.79	\$55.88

BUREAU OF LABOR LAW COMPLIANCE PREVAILING WAGES PROJECT RATES

Project: 26-08328 - Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Laborers (Class 06 - See notes)	5/1/2025		\$33.44	\$20.14	\$53.58
Laborers (Class 06 - See notes)	5/1/2026		\$34.44	\$20.79	\$55.23
Marble Mason	5/1/2025		\$36.57	\$21.69	\$58.26
Marble Mason	5/3/2026		\$36.18	\$24.03	\$60.21
Millwright	5/1/2025		\$53.87	\$33.95	\$87.82
Millwright	5/1/2026		\$56.51	\$33.95	\$90.46
Operators (Building, Class 01 - See Notes)	5/1/2025		\$44.89	\$30.92	\$75.81
Operators (Building, Class 01 - See Notes)	5/1/2026		\$46.05	\$31.76	\$77.81
Operators (Building, Class 01A - See Notes)	5/1/2025		\$47.14	\$31.58	\$78.72
Operators (Building, Class 01A - See Notes)	5/1/2026		\$48.30	\$32.42	\$80.72
Operators (Building, Class 02 - See Notes)	5/1/2025		\$44.61	\$30.83	\$75.44
Operators (Building, Class 02 - See Notes)	5/1/2026		\$45.77	\$31.67	\$77.44
Operators (Building, Class 02A - See Notes)	5/1/2025		\$46.86	\$31.50	\$78.36
Operators (Building, Class 02A - See Notes)	5/1/2026		\$48.02	\$32.34	\$80.36
Operators (Building, Class 03 - See Notes)	5/1/2025		\$41.88	\$30.03	\$71.91
Operators (Building, Class 03 - See Notes)	5/1/2026		\$43.04	\$30.87	\$73.91
Operators (Building, Class 04 - See Notes)	5/1/2025		\$40.74	\$29.70	\$70.44
Operators (Building, Class 04 - See Notes)	5/1/2026		\$41.90	\$30.54	\$72.44
Operators (Building, Class 05 - See Notes)	5/1/2025		\$40.30	\$29.56	\$69.86
Operators (Building, Class 05 - See Notes)	5/1/2026		\$41.45	\$30.41	\$71.86
Operators (Building, Class 06 - See Notes)	5/1/2025		\$39.42	\$29.30	\$68.72
Operators (Building, Class 06 - See Notes)	5/1/2026		\$40.58	\$30.14	\$70.72
Operators (Building, Class 07A- See Notes)	5/1/2025		\$54.56	\$35.21	\$89.77
Operators (Building, Class 07A- See Notes)	5/1/2026		\$56.03	\$36.14	\$92.17
Operators (Building, Class 07B- See Notes)	5/1/2025		\$54.22	\$35.10	\$89.32
Operators (Building, Class 07B- See Notes)	5/1/2026		\$55.69	\$36.03	\$91.72
Painters Class 1 (see notes)	5/1/2025		\$32.71	\$24.17	\$56.88
Painters Class 1 (see notes)	5/1/2026		\$33.89	\$24.69	\$58.58
Painters - Line Stripping	12/1/2024		\$44.12	\$27.91	\$72.03
Painters - Line Stripping	12/1/2025		\$45.12	\$29.41	\$74.53
Painters Class 2 (see notes)	5/1/2025		\$35.61	\$24.18	\$59.79
Painters Class 3 (see notes)	5/1/2025		\$41.71	\$24.18	\$65.89
Piledrivers	1/1/2022		\$37.60	\$20.50	\$58.10
Plasterers	5/1/2024		\$37.13	\$24.51	\$61.64
Plasterers	5/1/2025		\$38.43	\$24.71	\$63.14
plumber	5/1/2025		\$56.28	\$36.01	\$92.29
plumber	5/1/2026		\$58.43	\$36.61	\$95.04
Roofers (Composition)	5/1/2025		\$46.03	\$34.77	\$80.80
Roofers (Composition)	5/1/2026		\$47.53	\$35.22	\$82.75
Roofers (Shingle)	5/1/2024		\$34.35	\$22.20	\$56.55
Roofers (Slate & Tile)	5/1/2024		\$37.35	\$22.20	\$59.55
Sheet Metal Workers	6/1/2025		\$45.02	\$44.71	\$89.73
Sheet Metal Workers	6/1/2026		\$46.62	\$46.36	\$92.98
Sign Makers and Hangars	7/15/2025		\$33.48	\$26.41	\$59.89

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project: 26-08328 - Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Sign Makers and Hangars	7/15/2026		\$36.38	\$25.01	\$61.39
Sprinklerfitters	4/1/2025		\$49.75	\$29.21	\$78.96
Sprinklerfitters	4/1/2026		\$52.82	\$30.56	\$83.38
Steamfitters	5/1/2024		\$59.65	\$43.09	\$102.74
Steamfitters	5/1/2025		\$61.47	\$44.89	\$106.36
Terrazzo Finisher	5/1/2025		\$36.32	\$21.68	\$58.00
Terrazzo Finisher	5/1/2026		\$37.12	\$22.76	\$59.88
Terrazzo Grinder	5/1/2025		\$37.10	\$21.68	\$58.78
Terrazzo Grinder	5/1/2026		\$37.93	\$22.76	\$60.69
Terrazzo Mechanics	5/1/2025		\$37.17	\$23.43	\$60.60
Terrazzo Mechanics	5/1/2026		\$38.06	\$24.51	\$62.57
Tile & Marble Finisher	5/1/2025		\$34.55	\$18.09	\$52.64
Tile & Marble Finisher	5/1/2026		\$36.50	\$18.09	\$54.59
Tile Setter	5/1/2025		\$36.57	\$21.69	\$58.26
Tile Setter	5/3/2026		\$36.18	\$24.03	\$60.21
Truckdriver class 1(see notes)	5/1/2025		\$41.87	\$0.00	\$41.87
Truckdriver class 2 (see notes)	5/1/2025		\$41.94	\$0.00	\$41.94
Truckdriver class 3 (see notes)	5/1/2025		\$42.43	\$0.00	\$42.43
Window Film / Tint Installer	6/1/2025		\$27.42	\$15.13	\$42.55
Window Film / Tint Installer	6/1/2026		\$28.35	\$15.60	\$43.95

BUREAU OF LABOR LAW COMPLIANCE PREVAILING WAGES PROJECT RATES

Project: 26-08328 - Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Carpenter - Chief of Party (Surveying & Layout)	5/1/2026		\$47.31	\$28.44	\$75.75
Carpenter - Instrument Person (Surveying & Layout)	5/1/2026		\$41.14	\$28.44	\$69.58
Carpenter - Rodman (Surveying & Layout)	5/1/2026		\$32.91	\$22.55	\$55.46
Carpenters	5/1/2026		\$41.14	\$28.44	\$69.58
Dockbuilder, Pile Drivers	5/1/2026		\$56.98	\$37.99	\$94.97
Dockbuilder/Pile Driver Diver	5/1/2026		\$61.88	\$45.47	\$107.35
Dockbuilder/pile driver tender	5/1/2026		\$56.98	\$37.99	\$94.97
Electric Lineman	6/2/2025		\$55.42	\$31.04	\$86.46
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	7/1/2024		\$37.26	\$32.63	\$69.89
Laborers (Class 01 - See notes)	5/1/2025		\$26.61	\$19.99	\$46.60
Laborers (Class 01 - See notes)	5/1/2026		\$27.61	\$20.44	\$48.05
Laborers (Class 02 - See notes)	5/1/2025		\$33.23	\$19.99	\$53.22
Laborers (Class 02 - See notes)	5/1/2026		\$34.23	\$20.44	\$54.67
Laborers (Class 03 - See notes)	5/1/2025		\$30.22	\$19.99	\$50.21
Laborers (Class 03 - See notes)	5/1/2026		\$31.22	\$20.44	\$51.66
Laborers (Class 04 - See notes)	5/1/2025		\$30.57	\$19.99	\$50.56
Laborers (Class 04 - See notes)	5/1/2026		\$31.57	\$20.44	\$52.01
Laborers (Class 05 - See notes)	5/1/2025		\$31.24	\$19.99	\$51.23
Laborers (Class 05 - See notes)	5/1/2026		\$32.24	\$20.44	\$52.68
Laborers (Class 06 - See notes)	5/1/2025		\$30.66	\$19.99	\$50.65
Laborers (Class 06 - See notes)	5/1/2026		\$31.66	\$20.44	\$52.10
Laborers (Class 07 - See notes)	5/1/2025		\$30.95	\$19.99	\$50.94
Laborers (Class 07 - See notes)	5/1/2026		\$31.95	\$20.44	\$52.39
Laborers (Class 08 - See notes)	5/1/2025		\$31.43	\$19.99	\$51.42
Laborers (Class 08 - See notes)	5/1/2026		\$32.43	\$20.44	\$52.87
Operators (Heavy, Class 01 - See Notes)	5/1/2025		\$43.46	\$30.50	\$73.96
Operators (Heavy, Class 01 - See Notes)	5/1/2026		\$44.61	\$31.35	\$75.96
Operators (Heavy, Class 01A - See Notes)	5/1/2025		\$45.71	\$31.16	\$76.87
Operators (Heavy, Class 01A - See Notes)	5/1/2026		\$46.86	\$32.01	\$78.87
Operators (Heavy, Class 02 - See Notes)	5/1/2025		\$43.18	\$30.41	\$73.59
Operators (Heavy, Class 02 - See Notes)	5/1/2026		\$44.34	\$31.25	\$75.59
Operators (Heavy, Class 02A - See Notes)	5/1/2025		\$45.43	\$31.08	\$76.51
Operators (Heavy, Class 02A - See Notes)	5/1/2026		\$46.59	\$31.92	\$78.51
Operators (Heavy, Class 03 - See Notes)	5/1/2025		\$40.26	\$29.55	\$69.81
Operators (Heavy, Class 03 - See Notes)	5/1/2026		\$41.43	\$30.38	\$71.81
Operators (Heavy, Class 04 - See Notes)	5/1/2025		\$39.12	\$29.22	\$68.34
Operators (Heavy, Class 04 - See Notes)	5/1/2026		\$40.28	\$30.06	\$70.34
Operators (Heavy, Class 05 - See Notes)	5/1/2025		\$38.67	\$29.09	\$67.76
Operators (Heavy, Class 05 - See Notes)	5/1/2026		\$39.83	\$29.93	\$69.76
Operators (Heavy, Class 06 - See Notes)	5/1/2025		\$37.80	\$28.82	\$66.62
Operators (Heavy, Class 06 - See Notes)	5/1/2026		\$38.96	\$29.66	\$68.62
Operators (Heavy, Class 07A - See Notes)	5/1/2025		\$52.85	\$34.71	\$87.56
Operators (Heavy, Class 07A - See Notes)	5/1/2026		\$54.32	\$35.64	\$89.96
Operators (Heavy, Class 07B - See Notes)	5/1/2025		\$52.51	\$34.60	\$87.11

BUREAU OF LABOR LAW COMPLIANCE PREVAILING WAGES PROJECT RATES

Project: 26-08328 - Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Operators (Heavy, Class 07B - See Notes)	5/1/2026		\$53.97	\$35.54	\$89.51
Operators (Highway, Class 01 - See Notes)	5/1/2025		\$42.56	\$30.24	\$72.80
Operators (Highway, Class 01 - See Notes)	5/1/2026		\$43.72	\$31.08	\$74.80
Operators (Highway, Class 01a - See Notes)	5/1/2025		\$44.81	\$30.92	\$75.73
Operators (Highway, Class 01a - See Notes)	5/1/2026		\$45.97	\$31.76	\$77.73
Operators (Highway, Class 02 - See Notes)	5/1/2025		\$41.39	\$29.89	\$71.28
Operators (Highway, Class 02 - See Notes)	5/1/2026		\$42.55	\$30.73	\$73.28
Operators (Highway, Class 03 - See Notes)	5/1/2025		\$40.70	\$29.68	\$70.38
Operators (Highway, Class 03 - See Notes)	5/1/2026		\$41.87	\$30.51	\$72.38
Operators (Highway, Class 04 - See Notes)	5/1/2025		\$40.26	\$29.54	\$69.80
Operators (Highway, Class 04 - See Notes)	5/1/2026		\$41.41	\$30.39	\$71.80
Operators (Highway, Class 05 - See Notes)	5/1/2025		\$39.73	\$29.41	\$69.14
Operators (Highway, Class 05 - See Notes)	5/1/2026		\$40.89	\$30.25	\$71.14
Operators (Highway, Class 06 - See Notes)	5/1/2025		\$42.80	\$30.30	\$73.10
Operators (Highway, Class 06 - See Notes)	5/1/2026		\$43.95	\$31.15	\$75.10
Operators (Highway, Class 06/A - See Notes)	5/1/2025		\$45.05	\$30.96	\$76.01
Operators (Highway, Class 06/A - See Notes)	5/1/2026		\$46.21	\$31.80	\$78.01
Operators (Highway, Class 07/A - See Notes)	5/1/2025		\$51.79	\$34.38	\$86.17
Operators (Highway, Class 07/A - See Notes)	5/1/2026		\$53.25	\$35.32	\$88.57
Operators (Highway, Class 07/B - See Notes)	5/1/2025		\$50.37	\$33.97	\$84.34
Operators (Highway, Class 07/B - See Notes)	5/1/2026		\$51.84	\$34.90	\$86.74
Painters - Line Stripping	12/1/2025		\$45.12	\$29.41	\$74.53
Painters Class 2 (see notes)	5/1/2025		\$35.61	\$24.18	\$59.79
Painters Class 2 (see notes)	5/1/2026		\$38.00	\$24.79	\$62.79
Painters Class 3 (see notes)	5/1/2025		\$41.71	\$24.18	\$65.89
Painters Class 3 (see notes)	5/1/2026		\$44.10	\$24.79	\$68.89
Piledrivers	5/1/2021		\$43.73	\$37.99	\$81.72
Steamfitters (Heavy and Highway - Gas Distribution)	5/1/2025		\$54.39	\$44.73	\$99.12
Truckdriver class 1(see notes)	5/1/2025		\$41.87	\$0.00	\$41.87
Truckdriver class 2 (see notes)	5/1/2025		\$41.94	\$0.00	\$41.94
Truckdriver class 3 (see notes)	5/1/2025		\$42.43	\$0.00	\$42.43

SECTION 017900 - DEMONSTRATION AND TRAINING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes administrative and procedural requirements for instructing Owner's personnel, including the following:
 - 1. Demonstration of operation of systems, subsystems, and equipment.
 - 2. Training in operation and maintenance of systems, subsystems, and equipment.
- B. Related Sections include the following:
 - 1. Division 01 Section "Allowances" for administrative and procedural requirements for demonstration and training allowances.
 - 2. Division 01 Section "Project Management and Coordination" for requirements for pre-instruction conferences.
 - 3. Divisions 02 through 49 Sections for specific requirements for demonstration and training for products in those Sections.

1.3 SUBMITTALS

- A. Instruction Program: Submit two copies of outline of instructional program for demonstration and training, including a schedule of proposed dates, times, length of instruction time, and instructors' names for each training module. Include learning objective and outline for each training module.
 - 1. At completion of training, submit one complete training manual(s) for Owner's use.
- B. Qualification Data: For facilitator.
- C. Attendance Record: For each training module, submit list of participants and length of instruction time.
- D. Evaluations: For each participant and for each training module, submit results and documentation of performance-based test.

NAZARETH AREA SCHOOL DISTRICT
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1.4 QUALITY ASSURANCE

- A. Facilitator Qualifications: A firm or individual experienced in training or educating maintenance personnel in a training program similar in content and extent to that indicated for this Project, and whose work has resulted in training or education with a record of successful learning performance.

1.5 COORDINATION

- A. Coordinate instruction schedule with Owner's operations. Adjust schedule as required to minimize disrupting Owner's operations.
- B. Coordinate instructors, including providing notification of dates, times, length of instruction time, and course content.
- C. Coordinate content of training modules with content of approved emergency, operation, and maintenance manuals. Do not submit instruction program until operation and maintenance data has been reviewed and approved by Engineer.

PART 2 - PRODUCTS

2.1 INSTRUCTION PROGRAM

- A. Program Structure: Develop an instruction program that includes individual training modules for each system and equipment not part of a system, as required by individual Specification Sections, and as follows:
 - 1. HVAC systems, including air-handling equipment, air distribution systems and terminal equipment and devices.
 - 2. HVAC instrumentation and controls.
 - 3. Electrical service and distribution, including transformers, switchboards, panelboards, uninterruptible power supplies and motor controls.
 - 4. Lighting equipment and controls.
- B. Training Modules: Develop a learning objective and teaching outline for each module. Include a description of specific skills and knowledge that participant is expected to master. For each module, include instruction for the following:
 - 1. Basis of System Design, Operational Requirements, and Criteria: Include the following:
 - a. System, subsystem, and equipment descriptions.
 - b. Performance and design criteria if Contractor is delegated design responsibility.
 - c. Operating standards.
 - d. Regulatory requirements.
 - e. Equipment function.
 - f. Operating characteristics.

NAZARETH AREA SCHOOL DISTRICT
NAZARETH HIGH SCHOOL
STADIUM PRESS BOX REPLACEMENT

- g. Limiting conditions.
 - h. Performance curves.
- 2. Documentation: Review the following items in detail:
 - a. Emergency manuals.
 - b. Operations manuals.
 - c. Maintenance manuals.
 - d. Project Record Documents.
 - e. Identification systems.
 - f. Warranties and bonds.
 - g. Maintenance service agreements and similar continuing commitments.
- 3. Emergencies: Include the following, as applicable:
 - a. Instructions on meaning of warnings, trouble indications, and error messages.
 - b. Instructions on stopping.
 - c. Shutdown instructions for each type of emergency.
 - d. Operating instructions for conditions outside of normal operating limits.
 - e. Sequences for electric or electronic systems.
 - f. Special operating instructions and procedures.
- 4. Operations: Include the following, as applicable:
 - a. Startup procedures.
 - b. Equipment or system break-in procedures.
 - c. Routine and normal operating instructions.
 - d. Regulation and control procedures.
 - e. Control sequences.
 - f. Safety procedures.
 - g. Instructions on stopping.
 - h. Normal shutdown instructions.
 - i. Operating procedures for emergencies.
 - j. Operating procedures for system, subsystem, or equipment failure.
 - k. Seasonal and weekend operating instructions.
 - l. Required sequences for electric or electronic systems.
 - m. Special operating instructions and procedures.
- 5. Adjustments: Include the following:
 - a. Alignments.
 - b. Checking adjustments.
 - c. Noise and vibration adjustments.
 - d. Economy and efficiency adjustments.
- 6. Troubleshooting: Include the following:
 - a. Diagnostic instructions.
 - b. Test and inspection procedures.

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7. Maintenance: Include the following:
 - a. Inspection procedures.
 - b. Types of cleaning agents to be used and methods of cleaning.
 - c. List of cleaning agents and methods of cleaning detrimental to product.
 - d. Procedures for routine cleaning
 - e. Procedures for preventive maintenance.
 - f. Procedures for routine maintenance.
 - g. Instruction on use of special tools.
8. Repairs: Include the following:
 - a. Diagnosis instructions.
 - b. Repair instructions.
 - c. Disassembly; component removal, repair, and replacement; and reassembly instructions.
 - d. Instructions for identifying parts and components.
 - e. Review of spare parts needed for operation and maintenance.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Assemble educational materials necessary for instruction, including documentation and training module. Assemble training modules into a combined training manual.
- B. Set up instructional equipment at instruction location.

3.2 INSTRUCTION

- A. Facilitator: Engage a qualified facilitator to prepare instruction program and training modules, to coordinate instructors, and to coordinate between Contractor and Owner for number of participants, instruction times, and location.
- B. Engage qualified instructors to instruct Owner's personnel to adjust, operate, and maintain systems, subsystems, and equipment not part of a system.
 1. Owner will furnish an instructor to describe Owner's operational philosophy.
 2. Owner will furnish Contractor with names and positions of participants.
- C. Scheduling: Provide instruction at mutually agreed on times. For equipment that requires seasonal operation, provide similar instruction at start of each season.
- D. Cleanup: Collect used and leftover educational materials and remove from Project site. Remove instructional equipment. Restore systems and equipment to condition existing before initial training use.

NAZARETH AREA SCHOOL DISTRICT
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END OF SECTION 017900

NAZARETH AREA SCHOOL DISTRICT
NAZARETH HIGH SCHOOL
STADIUM PRESS BOX REPLACEMENT

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BASE BID A - PRESS BOX REFURBISHMENT TO

CHA PROJECT NO. 106040

1. ALL WORK TO BE IN ACCORDANCE WITH 2021 ICC BUILDING CODE ALONG WITH ALL STATE AND LOCAL CODES.
2. ALL BUILDING MATERIALS STORED ON SITE MUST BE TARPED AND PROTECTED FROM THE WEATHER.
3. CONTRACTOR TO FIELD VERIFY ALL DIMENSION AND CONDITIONS. EXISTING INFORMATION IS PROVIDED BASED ON FIELD OBSERVATIONS AND DRAWINGS FURNISHED BY THE OWNER AND IS NOT INTENDED TO BE EXACTLY REPRESENTATIVE OF ALL EXISTING CONDITIONS. ALL DISCREPANCIES MUST BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY PRIOR TO SUBMITTING A BID PRICE.
4. CONTRACTOR MUST VISIT THE PROJECT SITE AND CONFORM TO PROJECT SPECIFICATIONS AND DRAWINGS FOR COMPLETE SCOPE OF WORK.
5. CONTRACTOR IS RESPONSIBLE TO REMOVE AND REINSTALL ALL ITEMS, WHICH ARE REQUIRED IN ORDER TO COMPLETE ALL WORK OUTLINED IN THE CONTRACT DOCUMENTS.
6. JOB SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REVIEW OF CONSTRUCTION BY THE ENGINEER IS FOR CONFORMANCE WITH DESIGN ASPECTS ONLY - NOT TO REVIEW THE CONTRACTOR'S PROVISIONS FOR JOB SITE SAFETY. LACK OF COMMENT ON THE PART OF THE ENGINEER WITH REGARD TO JOB SITE SAFETY IS NOT TO BE INTERPRETED AS APPROVAL OF JOB SITE SAFETY.
7. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS. CONTACT ENGINEER FOR REVIEW AND APPROVAL OF ANY DETAIL THAT MAY NOT AGREE WITH THOSE SHOWN.
8. AT THE CONCLUSION OF THE PROJECT, CONTRACTOR MUST RESTORE ALL AREAS THAT MAY HAVE BEEN USED FOR STAGING, STORAGE OF MATERIALS, HOISTING OF MATERIALS TO ROOF, TO THEIR ORIGINAL CONDITIONS. THIS INCLUDES CONCRETE SIDEWALKS AND DRIVES, ASPHALT WALKS, ROADWAYS AND PARKING LOTS, AS WELL AS ANY GRASS OR LANDSCAPED AREAS THAT MAY HAVE BECOME DAMAGED DURING CONSTRUCTION.
9. INAPPROPRIATE CONDUCT BY THE CONTRACTOR'S PERSONNEL COULD RESULT IN THAT INDIVIDUAL BEING BARRED FROM WORKING ON THE PROJECT. THIS DECISION, IF NECESSARY, WILL BE MADE BY THE OWNER.



NAZARETH HIGH SCHOOL STADIUM
501 E. CENTER STREET
NAZARETH, PA 18064

PROJECT DRAWING LIST

CS-1.0A	COVER SHEET
SP-1.0A	SITE PLAN BASE BID A
D-1.0A	DEMOLITION PLAN BASE BID A
D101A	DEMOLITION FRAMING PLAN BASE BID A
G-1.0A	NEW WORK PLAN BASE BID A
G-2.0A	DETAILS BASE BID A
E-001A	ABBREVIATIONS, SYMBOLS AND SPECIFICATIONS BASE BID A
E-100A	ELECTRICAL PLANS BASE BID A
E-701A	DETAILS - BASE BID A
S-0.01A	PRESS BOX REFURBISHMENT BASE BID A
S-1.0A	PRESS BOX REFURBISHMENT PLANS AND ELEVATIONS BASE BID A
S-2.0A	REPAIR SECTIONS AND DETAILS BASE BID A
S-3.0A	REPAIR SECTIONS AND DETAILS BASE BID A
S-5.0A	EXISTING FOUNDATION PLAN BASE BID A

BID SET

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NAZARETH HIGH SCHOOL
STADIUM PRESS BOX
REFURBISHMENT

501 E. CENTER STREET
NAZARETH, PA 18064

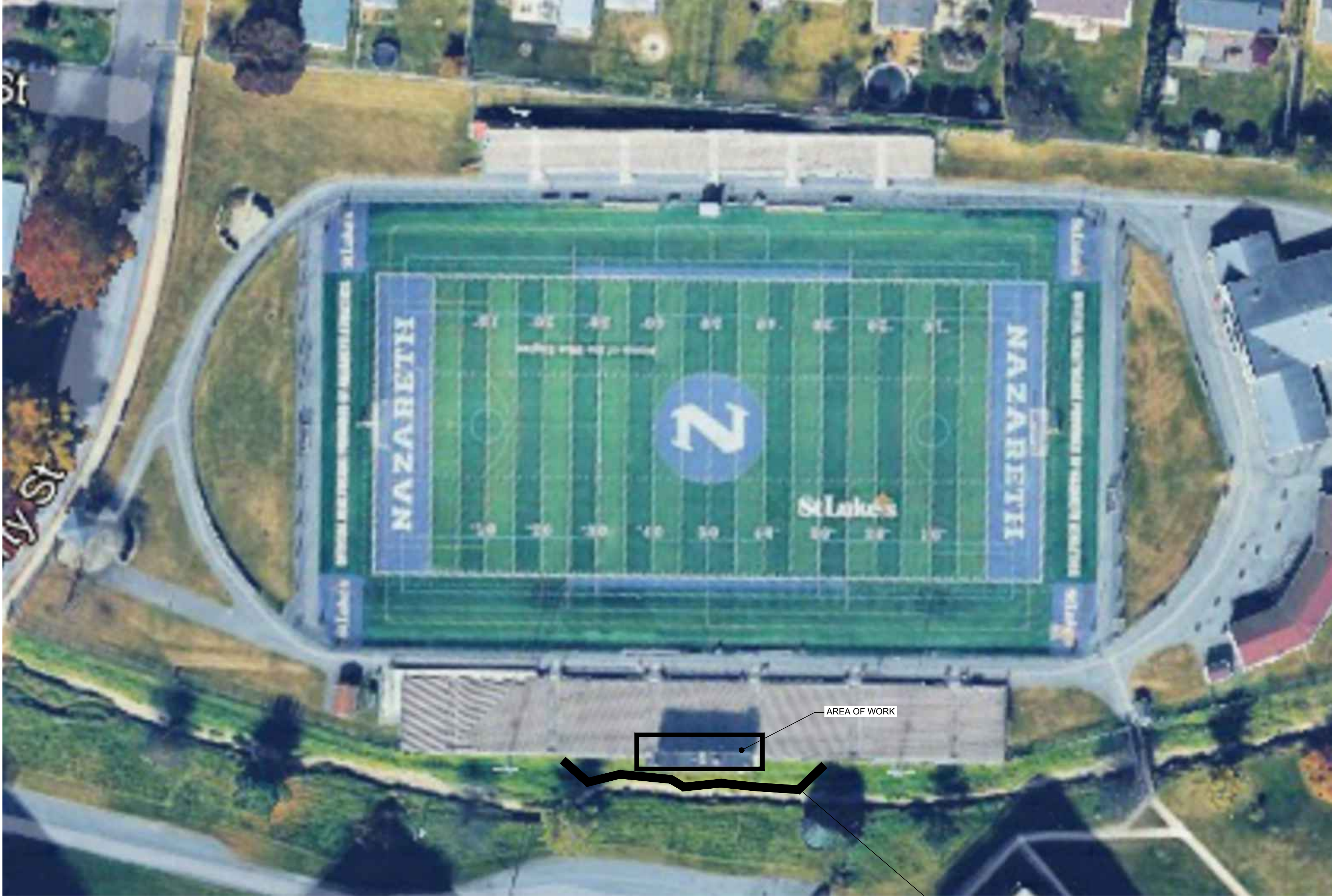
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COVER SHEET

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Issue Date: 09/14/26	Project No.: 106040	Scale: NOTED

Drawing No.:  CS-1.0A

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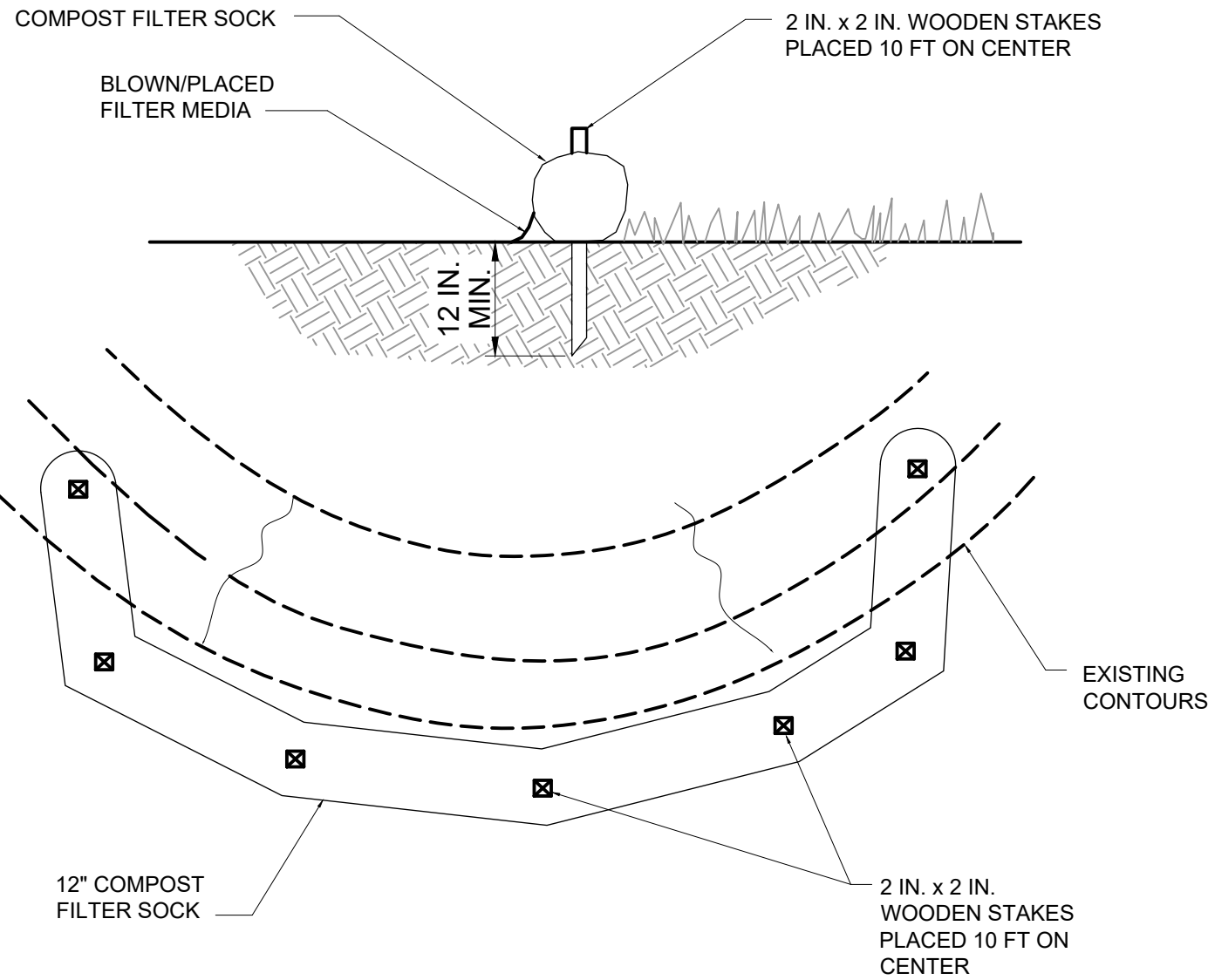
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SP-1.0

NAZARETH HIGH SCHOOL ATHLETIC FIELD

SCALE: NTS

AREA OF WORK

EROSION SOCK
SEE DETAIL 2/SP-1.0



- NOTES:
1. SOCK FABRIC SHALL MEET STANDARDS OF TABLE 4.1 OF THE PA DEP EROSION CONTROL MANUAL. COMPOST SHALL MEET THE STANDARDS OF TABLE 4.2 OF THE PA DEP EROSION CONTROL MANUAL.
 2. COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF THE BARRIER SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN BARRIER ALIGNMENT. MAXIMUM SLOPE LENGTH ABOVE ANY BARRIER SHALL NOT EXCEED THAT SPECIFIED FOR THE SIZE OF THE SOCK AND THE SLOPE OF ITS TRIBUTARY AREA.
 3. TRAFFIC SHALL NOT BE PERMITTED TO CROSS COMPOST FILTER SOCKS.
 4. ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE ABOVE GROUND HEIGHT OF THE BARRIER AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.
 5. COMPOST FILTER SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURERS SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.
 6. BIODEGRADABLE COMPOST FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS. PHOTODEGRADABLE SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURERS RECOMMENDATIONS.
 7. UPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCK, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.

2
SP-1.0

EROSION CONTROL FILTER SOCK DETAIL

SCALE: NTS

NOTE:

1. CONTRACTOR TO PROVIDE AND INSTALL A 12" FILTER SOCK APPROX. 100' IN LENGTH. CONTRACTOR TO VERIFY EXACT LENGTH AND LOCATION IN FIELD.

BID SET

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NAZARETH HIGH SCHOOL
STADIUM PRESS BOX
REFURBISHMENT

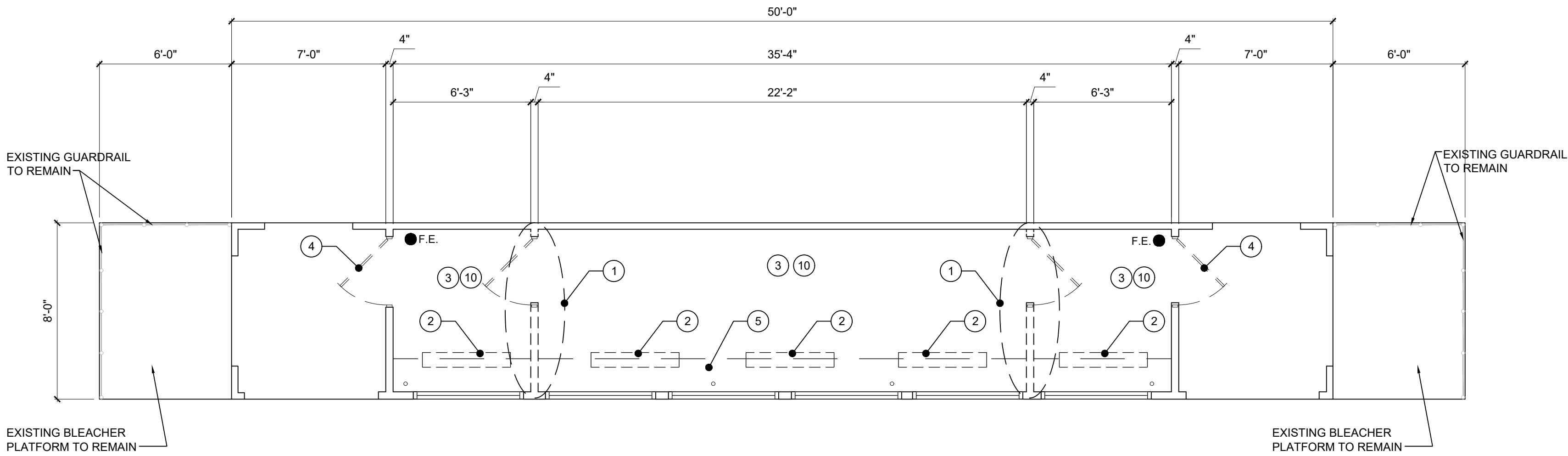
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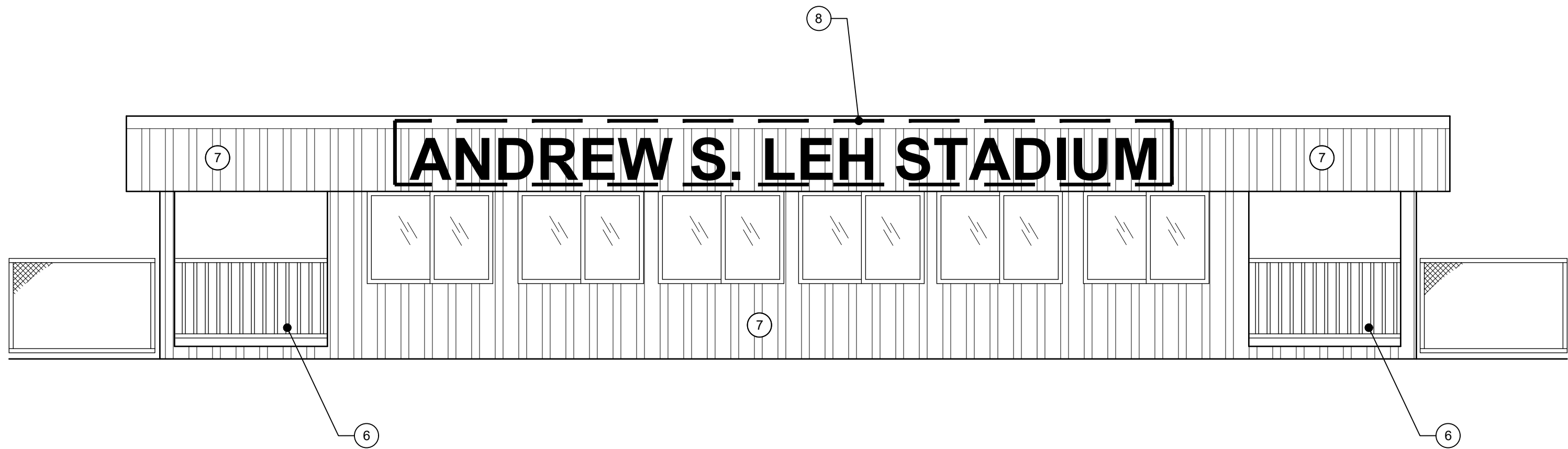
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SITE PLAN BASE BID A			
Designed By:	Drawn By:	Checked By:	
TCS	RCM	TCS	
Issue Date:	Project No.:	Scale:	
09/14/26	106040	NOTED	

2		Drawing No.:
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1 NAZARETH HIGH SCHOOL PRESS BOX FLOOR PLAN - DEMOLITION
D-1.0 SCALE: 1/4"=1'-0" 



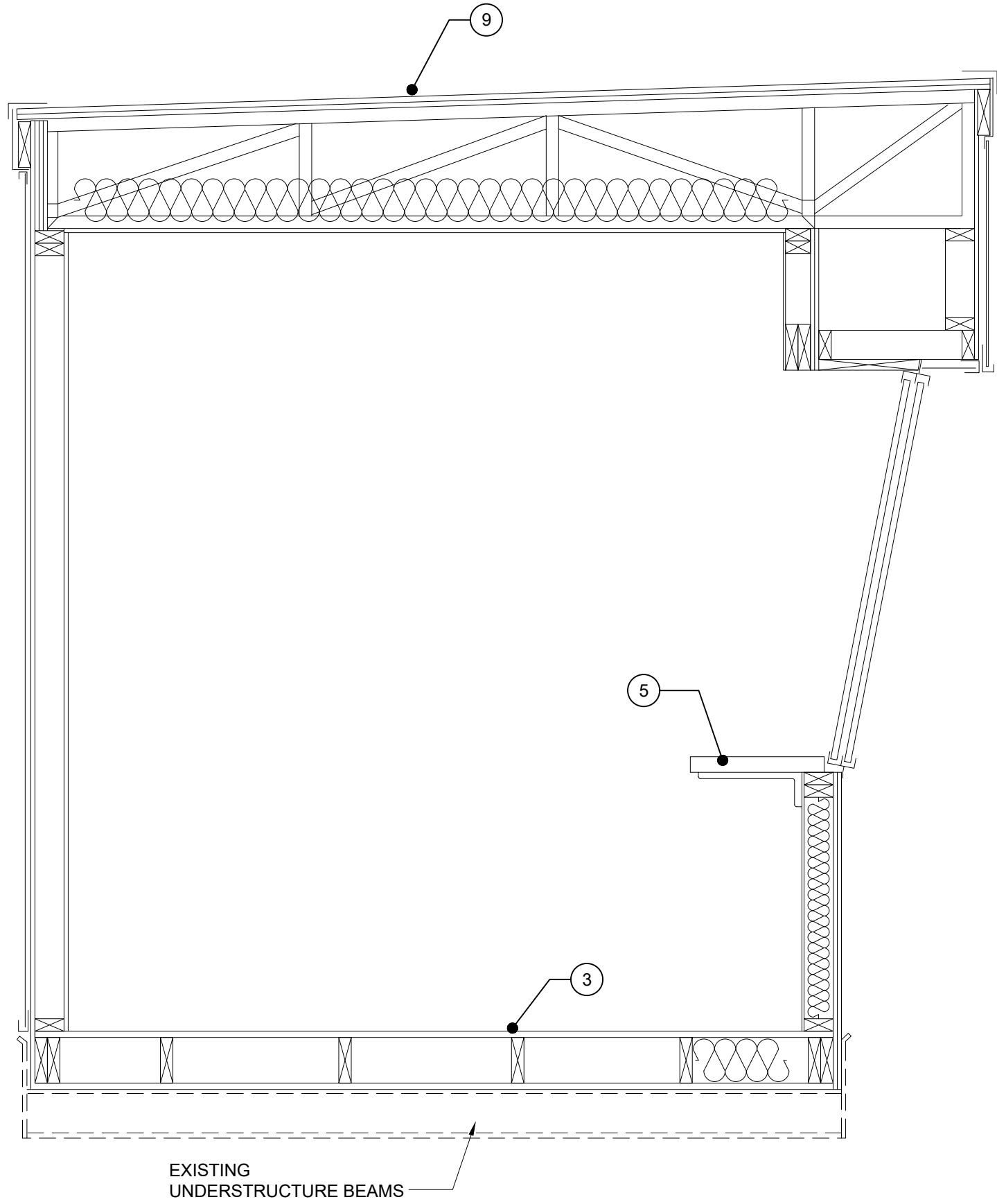
2 NAZARETH HIGH SCHOOL PRESS BOX - ELEVATION - DEMOLITION
D-1.0 SCALE: 1/4"=1'-0" 

KEYED DEMOLITION NOTES

- 1 CONTRACTOR TO REMOVE WALLS, DOORS, DOOR FRAMES. SEE STRUCTURAL DWGS.
- 2 CONTRACTOR TO REMOVE EXISTING LIGHT FIXTURES. SEE ELETRICAL DWGS.
- 3 CONTRACTOR TO REMOVE EXISTING FLOORING. EXISTING SUB FLOOR TO REMAIN. CLEAN AND PREP SUB FLOOR FOR NEW FLOORING
- 4 CONTRACTOR TO REMOVE EXISTING EXTERIOR DOORS AND DOOR FRAMES. PREP AREA FOR NEW EXTERIOR DOORS
- 5 CONTRACTOR TO REMOVE EXISTING COUNTER TOP AND SUPPORT BRACKETS. CLEAN AND PREP WALL FOR NEW COUNTERTOP WITH NEW SUPPORT BRACKETS.
- 6 CONTRACTOR TO REMOVE EXISTING RAILING. PREP FOR A NEW FRAMED WALL WITH WINDOW. SEE STRUCTURAL DWGS.
- 7 CONTRACTOR TO REMOVE EXISTING METAL SIDING AND SHEATHING ON THE WHOLE BUILDING. CLEAN AND PREP FOR NEW METAL SIDING AND SHEATHING.
- 8 NAZARETH AREA SCHOOL DISTRICT TO REMOVE EXISTING LETTERING. GC TO COORDINATE WITH THE SCHOOL DISTRICT.
- 9 CONTRACTOR TO REMOVE EXISTING ROOF MATERIALS, ROOF EDGES, ETC. DOWN TO EXISTING DECK. GC TO REPLACE ROOF SHEATHING, FASCIA BOARDS OR OTHER ROOFING COMPONENTS DEEMED DAMAGED.
- 10 CONTRACTOR TO CLEAN AND PREP WALLS AND CEILING FOR PAINTING

GENERAL NOTES

1. DEMOLITION NOTES ARE PROVIDED TO ASSIST THE CONTRACTOR IN RECOGNIZING GENERAL SCOPE OF DEMOLITION WORK. CONTRACTOR IS REQUIRED TO FIELD VERIFY CONDITIONS AND WILL BE RESPONSIBLE FOR ALL DEMOLITION REQUIRED TO PERFORM NEW WORK.
2. CONTRACTOR IS RESPONSIBLE TO PROVIDE ANY TEMPORARY ENCLOSURES AT DEMOLITION AREAS TO PROTECT AND SECURE BUILDING UNTIL NEW SYSTEMS ARE INSTALLED.
3. CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ANY EXISTING FEATURES REQUIRED TO ACHIEVE NEW CONSTRUCTION.
4. CONTRACTOR IS RESPONSIBLE FOR ALL PATCH PREP AND FINISH WORK WHERE AREAS ARE AFFECTED BY DEMOLITION AND / OR NEW WORK. SURFACES MUST MATCH EXIST. MATERIALS AND FINISHES.
5. CONTRACTOR TO REMOVE ALL WALL MOUNTED SIGNAGE AND PATCH ALL ANCHOR HOLES PRIOR TO PREPPING FOR PAINT.
6. SEE ELECTRICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION.



3 NAZARETH HIGH SCHOOL PRESS BOX - SECTION - DEMOLITION
D-1.0 SCALE: 3/4"=1'-0"

BID SET

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER, REPAIR, OR RECONSTRUCT ANY PART OF THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION: ALTERED BY FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NAZARETH HIGH SCHOOL
STADIUM PRESS BOX
REFURBISHMENT

501 E. CENTER STREET
NAZARETH, PA 18064

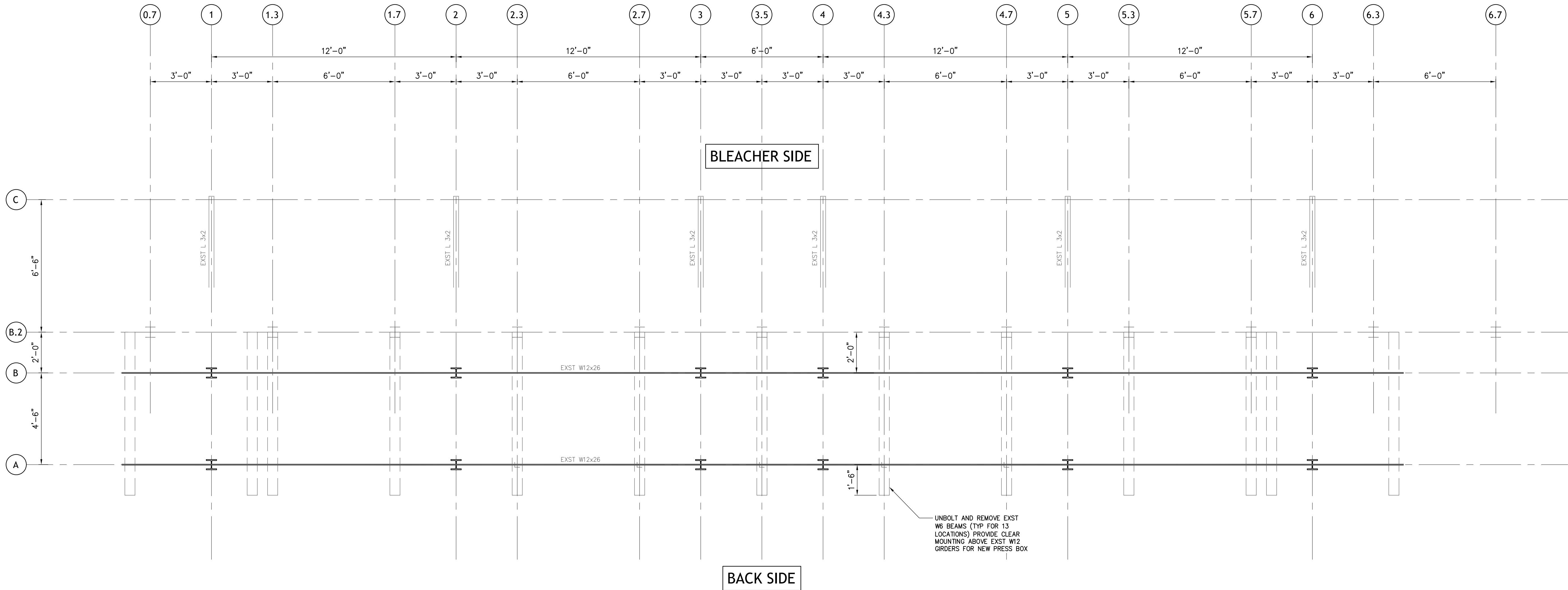
No.	Submittal / Revision	Appr.	By	Date
2	ADDENDUM	TCS	RCM	09/16/2026

DEMOLITION PLAN BASE BID A

Designed By: TCS	Drawn By: RCM	Checked By: TCS
Issue Date: 09/14/26	Project No.: 106040	Scale: NOTED

Drawing No.:
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D-1.0A

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1 PRESS BOX DUNNAGE STEEL — DEMOLITION PLAN
3/8" = 1'-0"



NAZARETH AREA
SCHOOL DISTRICT

BID SET

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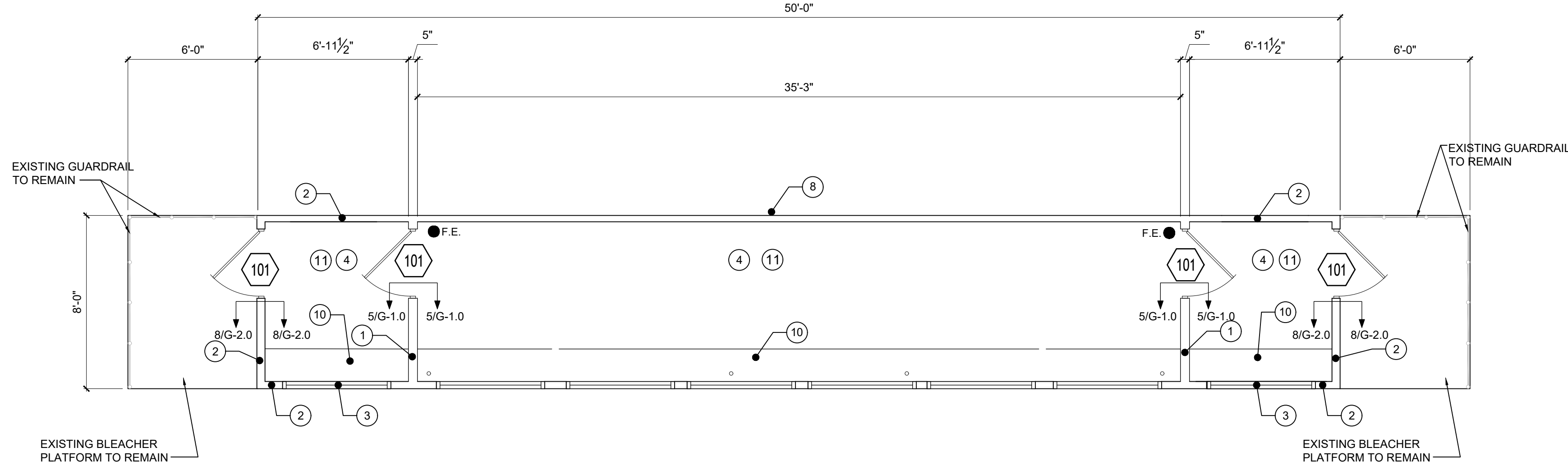
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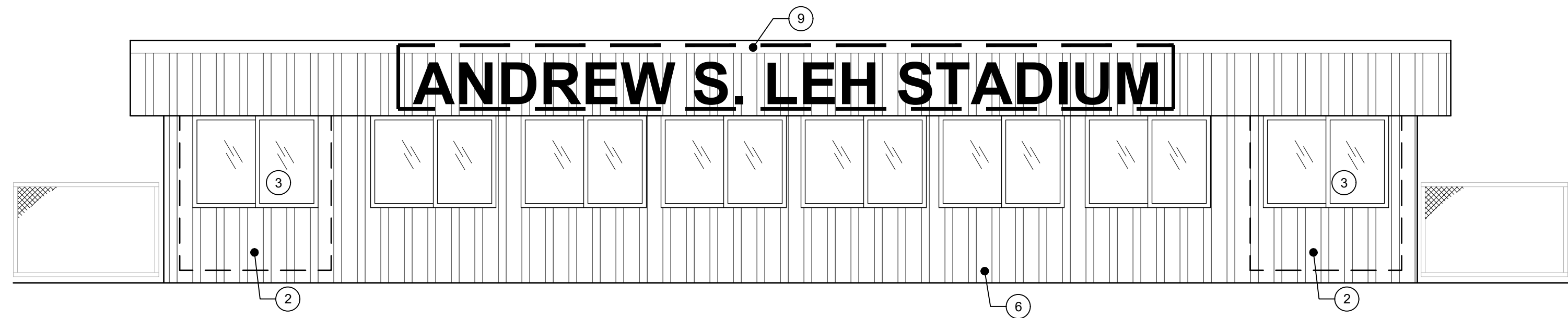
DEMOLITION
FRAMING
PLAN
BASE BID A

Designed By: MLP	Drawn By: BEG	Checked By: PMG
Issue Date: 09/14/26	Project No.: 106040	Scale: AS SHOWN

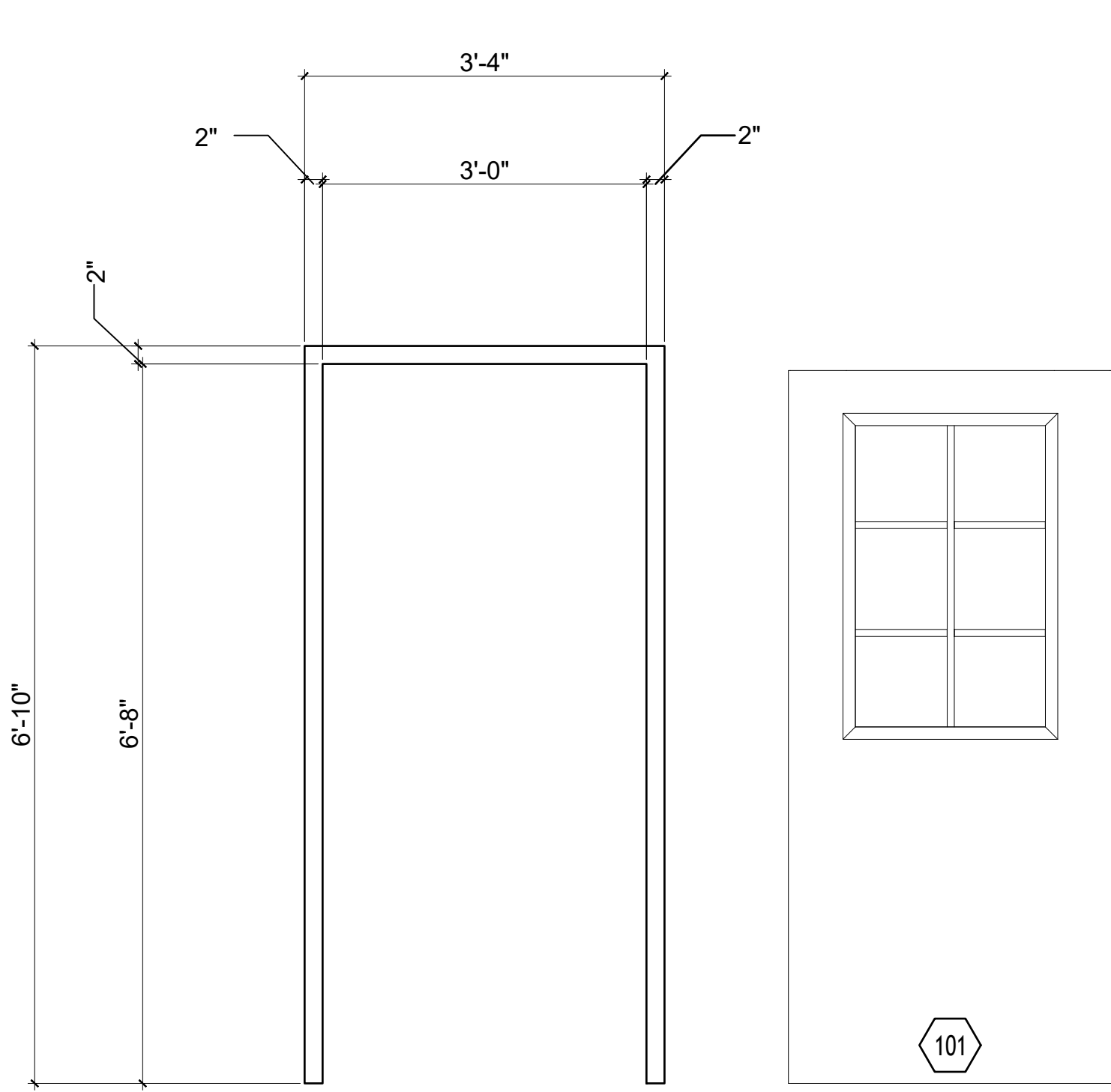
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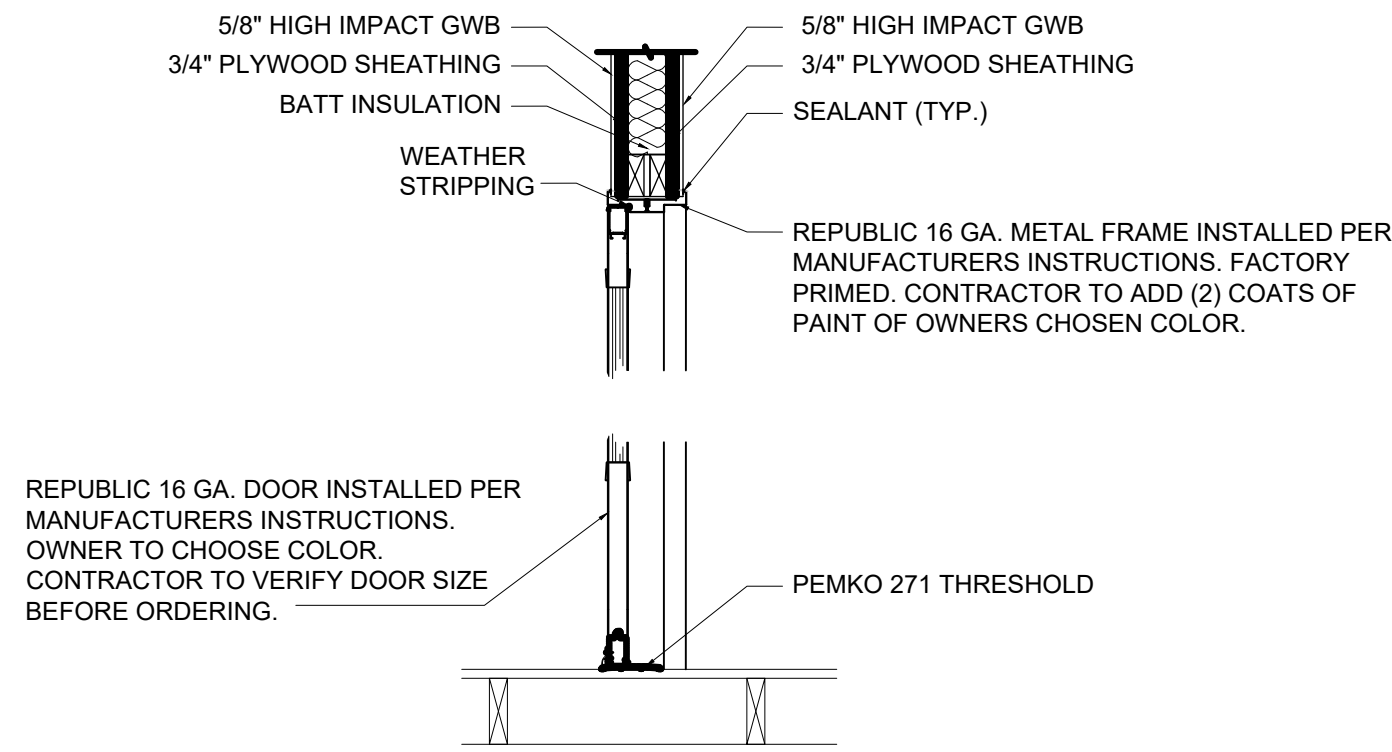
1 NAZARETH HIGH SCHOOL PRESS BOX FLOOR PLAN - NEW WORK
G-1.0 SCALE: 1/4"=1'-0" N



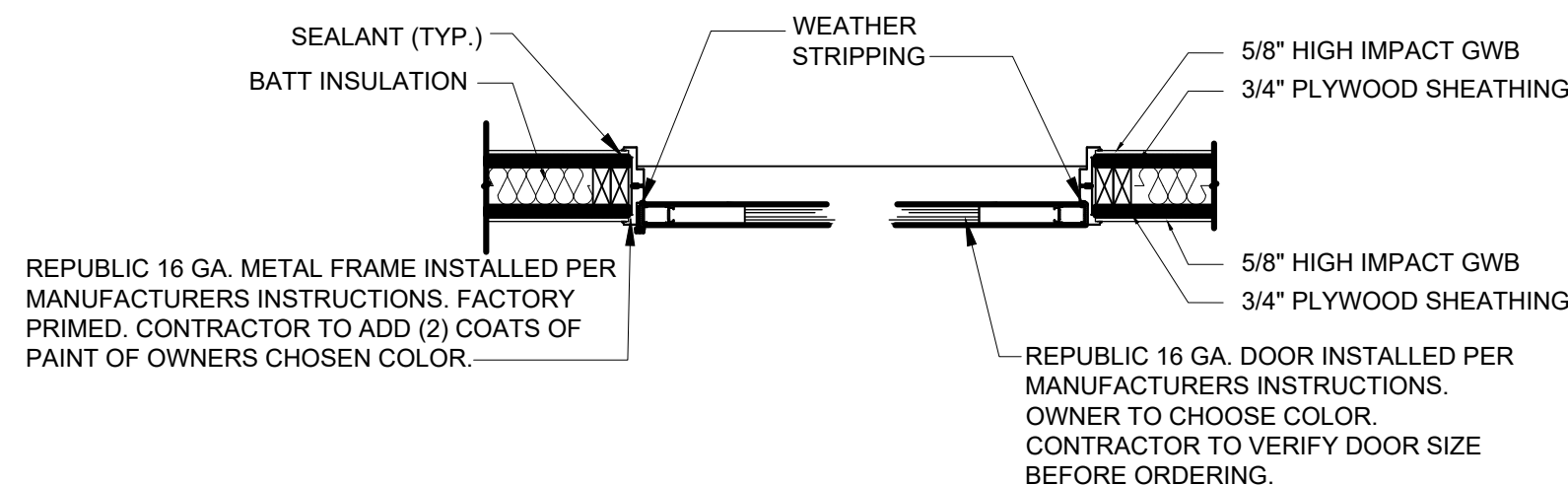
2 NAZARETH HIGH SCHOOL PRESS BOX - ELEVATION - NEW WORK
G-1.0 SCALE: 1/4"=1'-0" N



4 FRAME AND DOOR DETAIL
G-1.0 SCALE: NTS



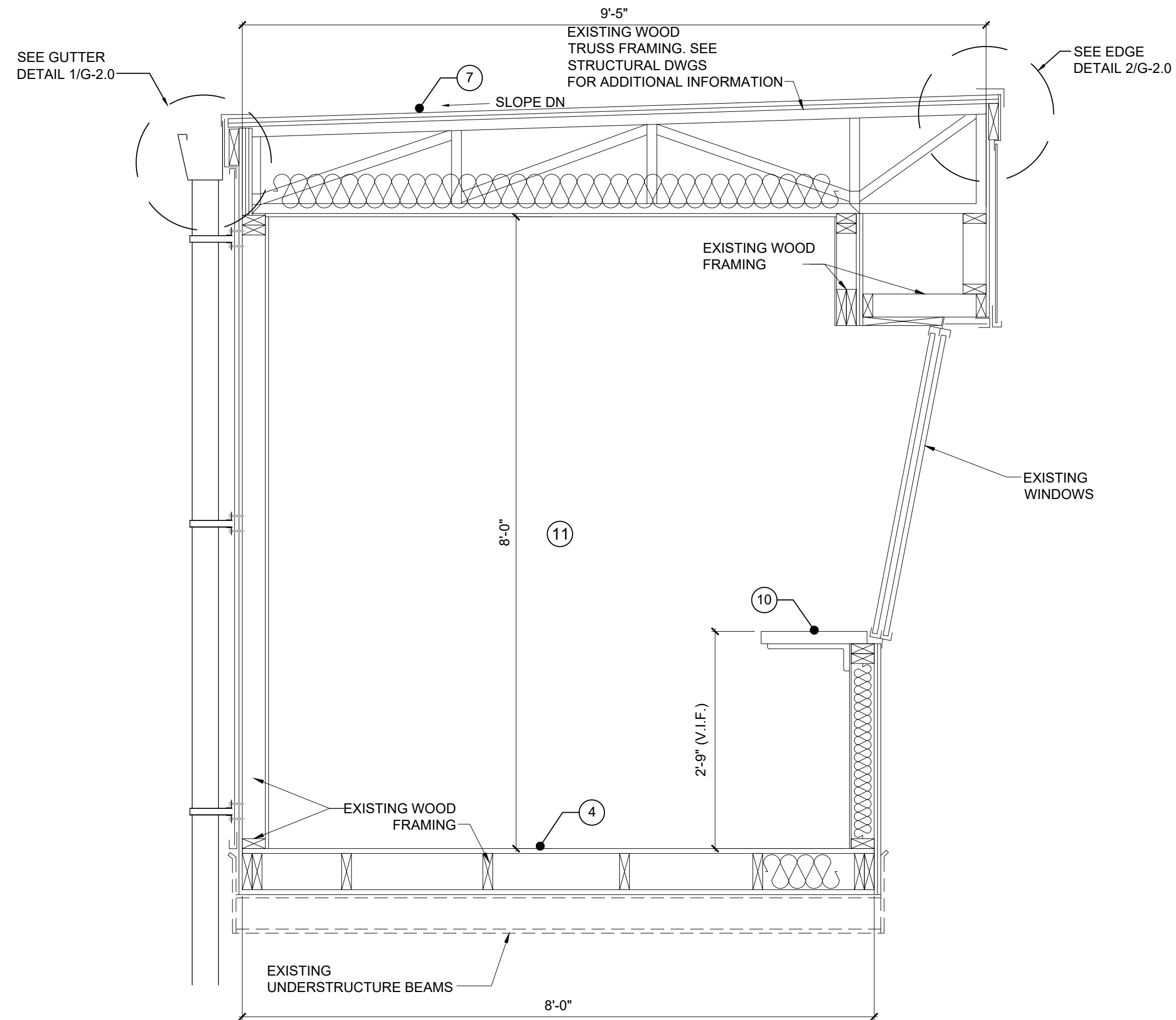
5 DOOR HEAD AND SILL DETAIL
G-1.0 SCALE: NTS



6 DOOR JAMB DETAIL
G-1.0 SCALE: NTS

KEYED NEW WORK NOTES:

- CONTRACTOR TO PROVIDE ALL MATERIAL NECESSARY FOR NEW WALLS. CONTRACTOR TO BUILD AND INTALL NEW WALLS. SEE STRUCTURAL DWGS FOR MORE INFORMATION. ALSO SEE DETAIL 5/G-1.0
- CONTRACTOR TO PROVIDE ALL NECESSARY MATERIALS TO INFILL WALL. SEE STRUCTURAL DWGS FOR MORE INFORMATION. ALSO SEE DETAIL 8/G-2.0
- CONTRACTOR TO PROVIDE AND INSTALL NEW WINDOWS. NEW WINDOWS TO MATCH EXISTING EXISTING SLOPE WINDOWS IN KIND.
- CONTRACTOR TO PROVIDE AND INSTALL NEW LVT FLOORING. GC TO COORDINATE WITH OWNER ON COLOR. LVT SPEC - MANUF. SHAW 7-8 MM THICK, 20 MIL WEARLAYER OR EQUAL. INSTALLED PER MANUFACTURERS INSTRUCTIONS.
- CONTRACTOR TO PROVIDE AND INSTALL NEW INSULATED FIBERGLASS HALFLITE DOOR. GC TO COORDINATE COLOR WITH OWNER.
- CONTRACTOR TO PROVIDE AND INSTALL NEW 1/2" CDX SHEATHING AND NEW METAL SIDING ON THE WHOLE PRESS BOX PER MANUFACTURERS INSTRUCTIONS. INCLUDES ALL NEW METAL SIDING AND ALL FINISH TRIM PIECES. COORDINATE WITH OWNER FOR COLOR. SEE DETAILS 3,4,5,6/G-2.0. SEE STRUCTURAL DWGS FOR SHEATHING FASTENING.
- CONTRACTOR TO PROVIDE AND INSTALL NEW EPDM ROOFING MEMBRANE PER MANUFACTURERS INSTRUCTIONS. SEE EDGE DETAILS 1,2/G-2.0.
- CONTRACTOR TO PROVIDE AND INSTALL A 6" GUTTER FOR THE LENGTH OF THE PRESS BOX. INCLUDES ALL NECESSARY INSTALLATION FASTENERS, DOWNSPOUTS AND GROUND SPLASH BLOCK AT DOWNSPOUT.
- NAZARETH AREA SCHOOL DISTRICT TO PROVIDE AND INSTALL NEW LETTERING. GC TO COORDINATE WITH THE SCHOOL DISTRICT.
- CONTRACTOR TO PROVIDE AND INSTALL A NEW FORMICA COUNTERTOP AND SUPPORTS. SEE DETAIL 7/G-2.0
- CONTRACTOR TO PATCH, CLEAN, PRIME AND PAINT NEW AND EXISTING INTERIOR WALLS. OWNER TO PICK COLOR.



3 NAZARETH HIGH SCHOOL PRESS BOX - SECTION - NEW WORK
G-1.0 SCALE: 3/4"=1'-0"

DOOR SCHEDULE									
DESIGNATION	FRAME TYPE	FRAME SIZE	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	DOOR TYPE	DOOR SIZE	HDW SET	REMARKS
101	16 GA. STEEL HM (REPUBLIC)	36"± W x 80"± H	5/G-1.0	6/G-1.0	5/G-1.0	VISION REPUBLIC STYLE "G6"	36"±x80"	1	SEE DOOR & FRAME NOTES

DOOR & FRAME NOTES:

- NEW HOLLOW METAL DOORS TO BE REPUBLIC 16 GA. HOLLOW METAL DOORS WITH HONEYCOMB CORE, FACTORY PRIMED, SD1 LEVEL 3
- NEW FRAMES TO BE REPUBLIC 16 GA. HOLLOW METAL FRAMES, FACTORY PRIMED, KNOCKDOWN OR FULLY WELDED.
- ALL NEW FRAMES TO BE FACTORY PRIMED AND RECEIVE TWO COATS OF FINISH PAINT, COLOR SELECTED BY ENGINEER.
- G.C. TO VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO ORDERING DOORS AND FRAMES.

HARDWARE SET #1:

- (4) CONTINUOUS HINGES - MARKAR 100 SERIES
- (4) LOCKABLE MULLION - SARGENT L980
- (4) MULLION CYLINDER KIT - SARGENT 980 CI
- (4) MULLION STABILIZER KIT - SARGENT 651
- (4) CLOSER - SARGENT 351 SERIES
- (4) THRESHOLD - PEMKO 271

BID SET

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR, TO ALTER THIS DRAWING IN ANY MANNER. IF ANY SUCH VIOLATION IS DETECTED, THE DRAFTER SHALL BE RESPONSIBLE FOR THE VIOLATION. THE DRAFTER SHALL STAMP THE DOCUMENT AND INCLUDE THE WORDS: "ALTERED BY FOLLOWING BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."

NAZARETH HIGH SCHOOL STADIUM PRESS BOX REFURBISHMENT

501 E. CENTER STREET
NAZARETH, PA 18064

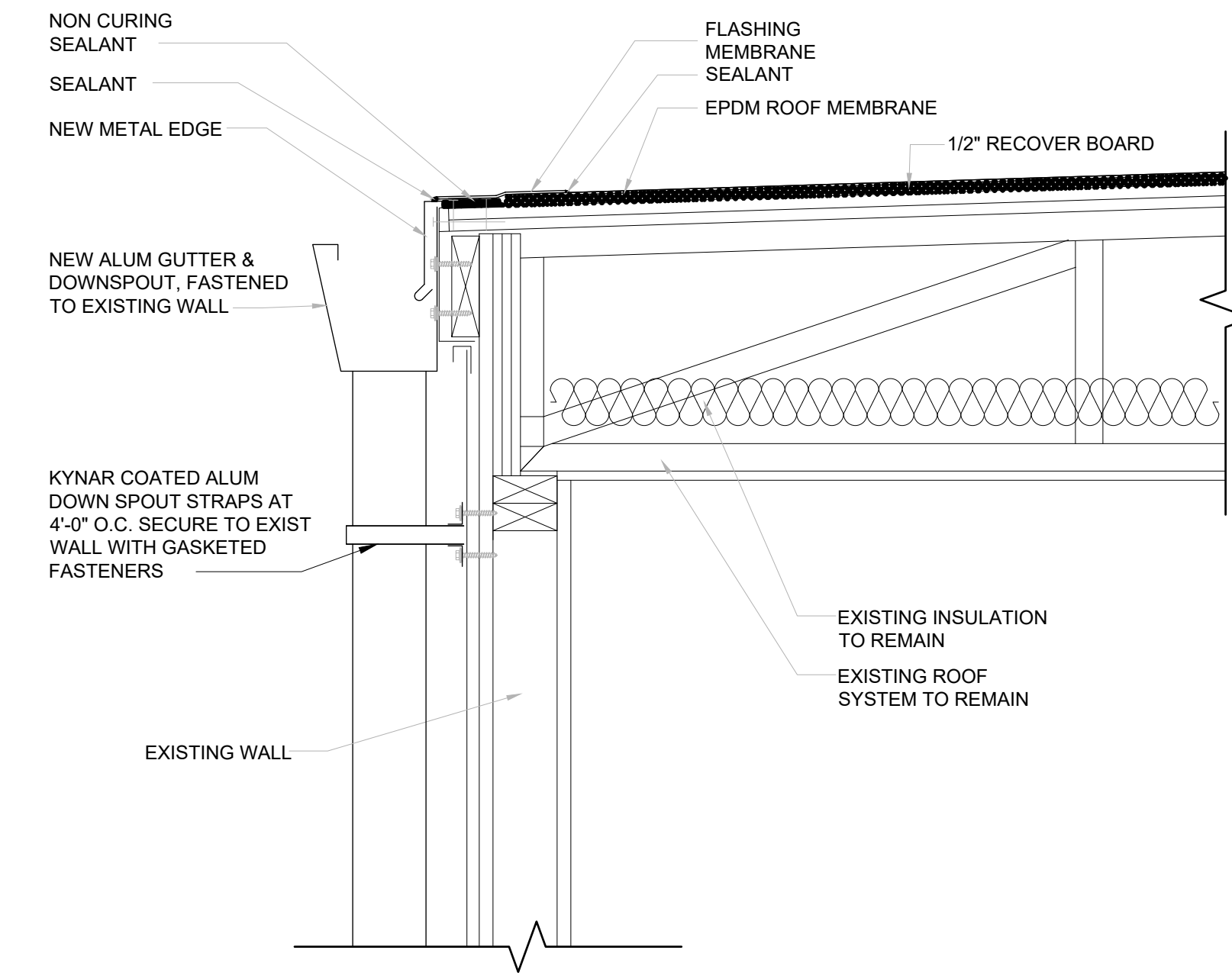
No.	Submittal / Revision	Appr.	By	Date
1	ADDENDUM	TCS	RCM	09/16/2024

NEW WORK PLAN BASE BID A

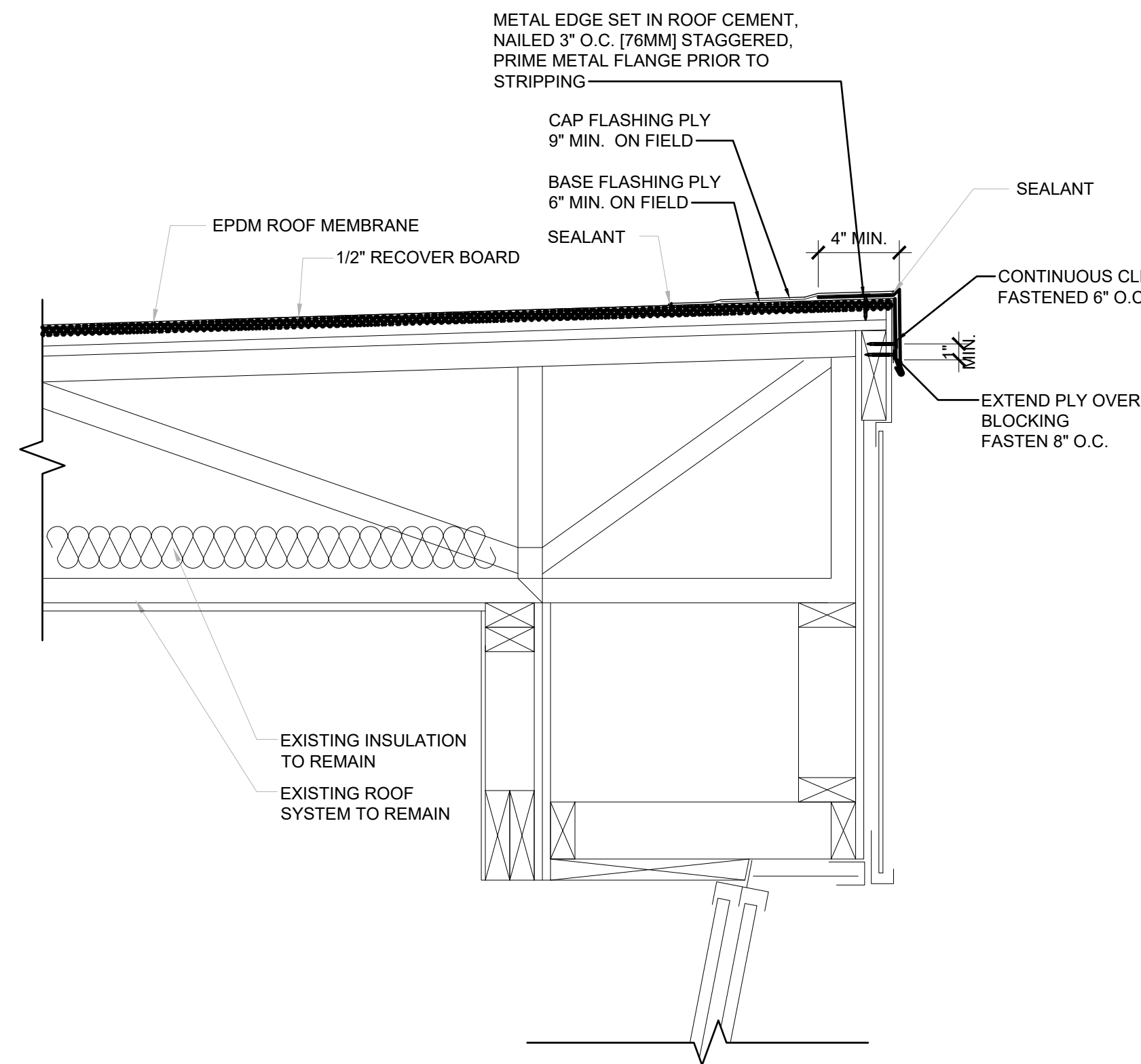
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TCS	RCM	TCS
Issue Date:	Project No.:	Scale:
09/14/26	106040	NOTED

Drawing No.:
G-1.0A

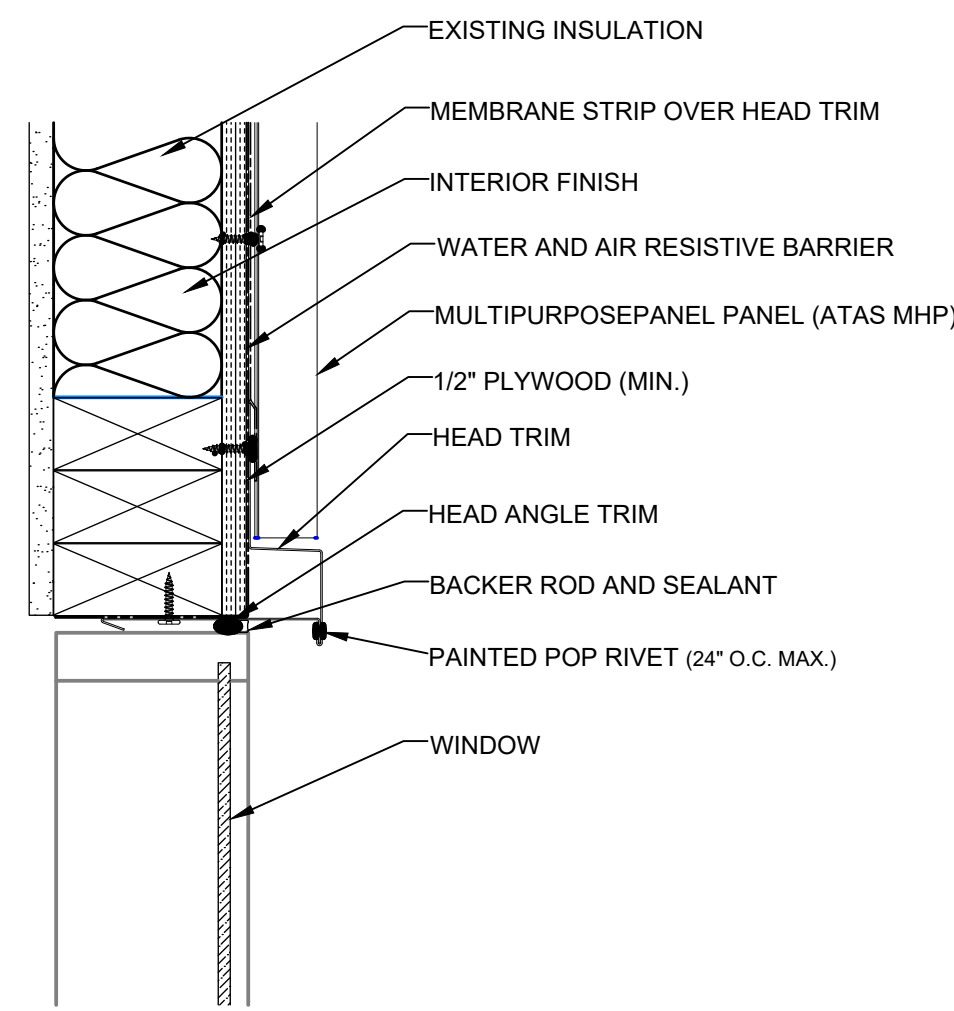
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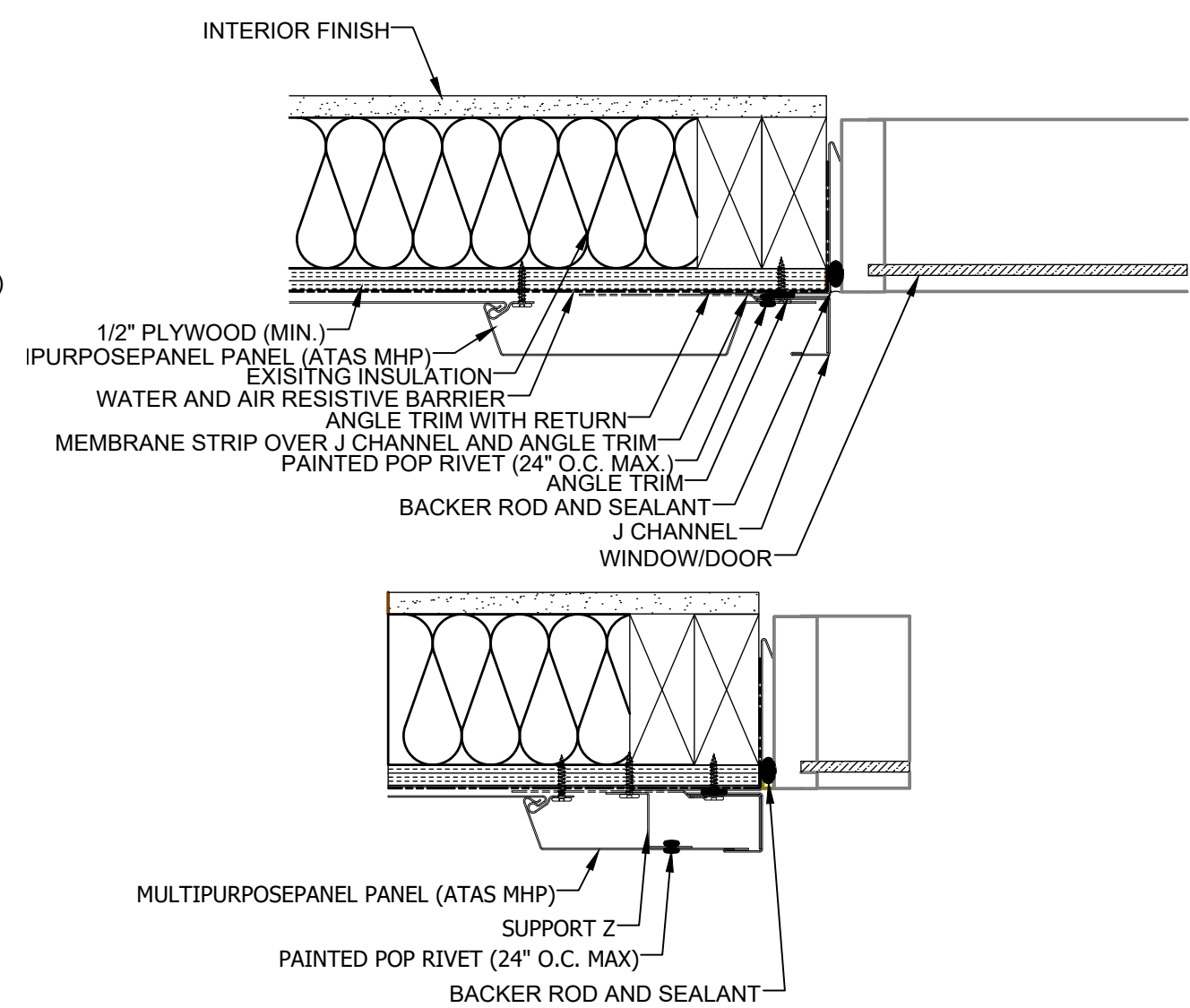
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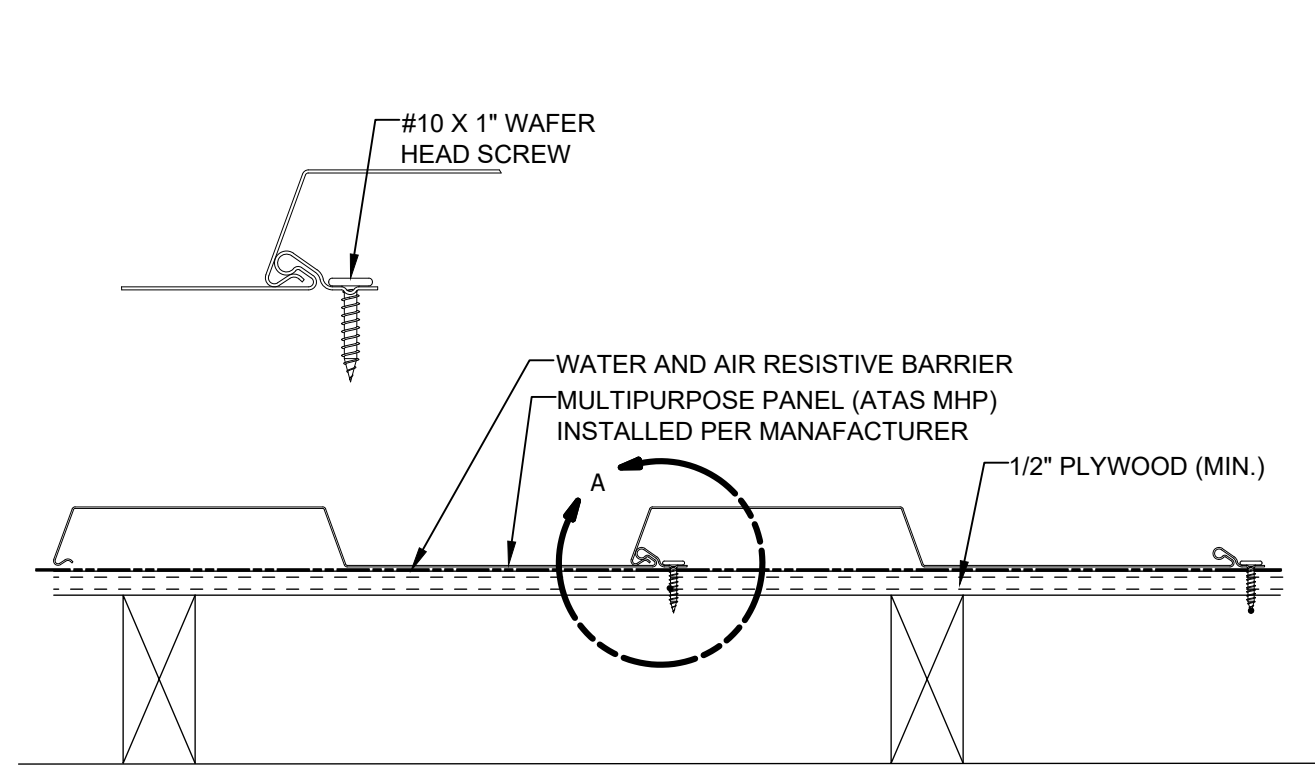
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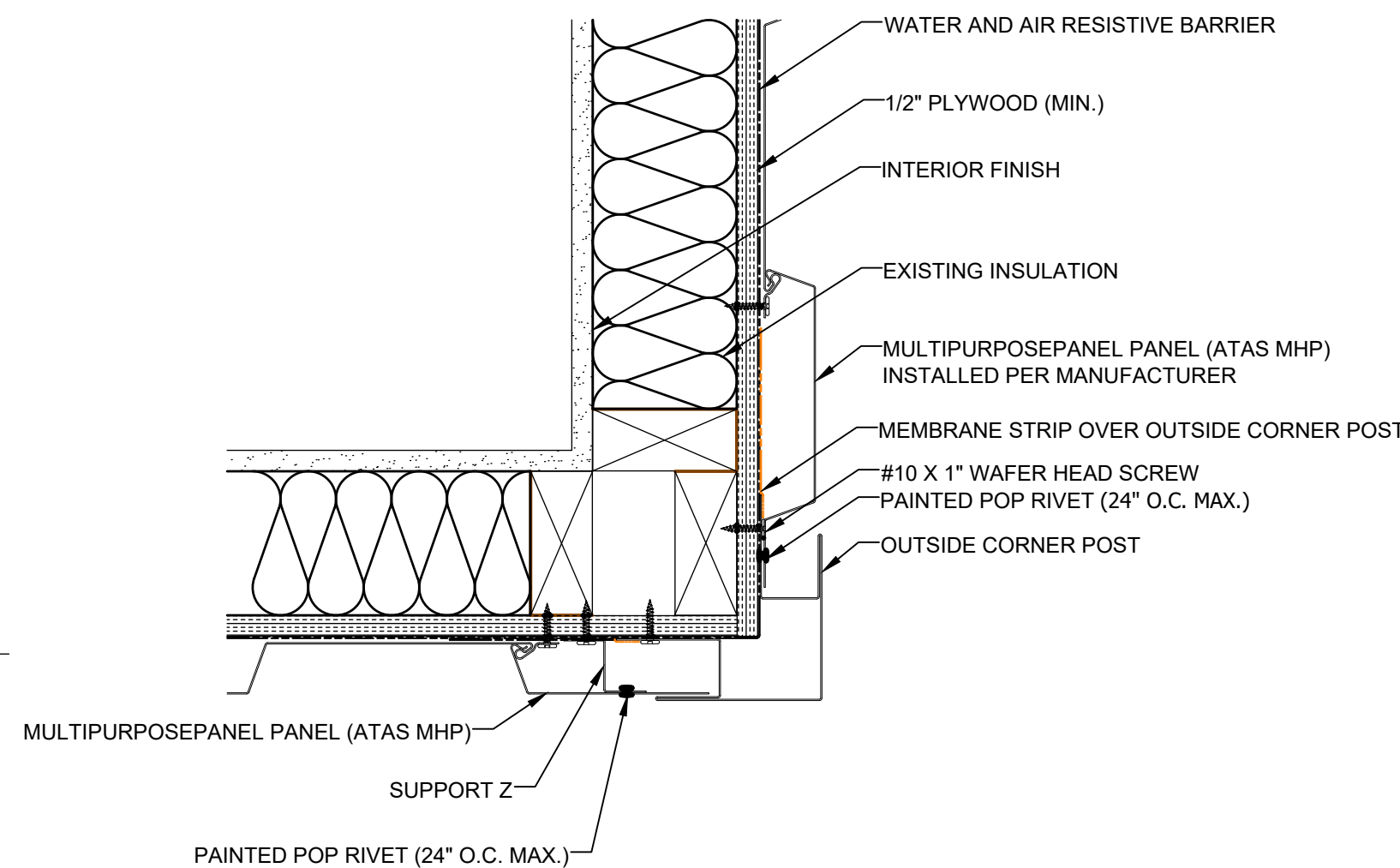
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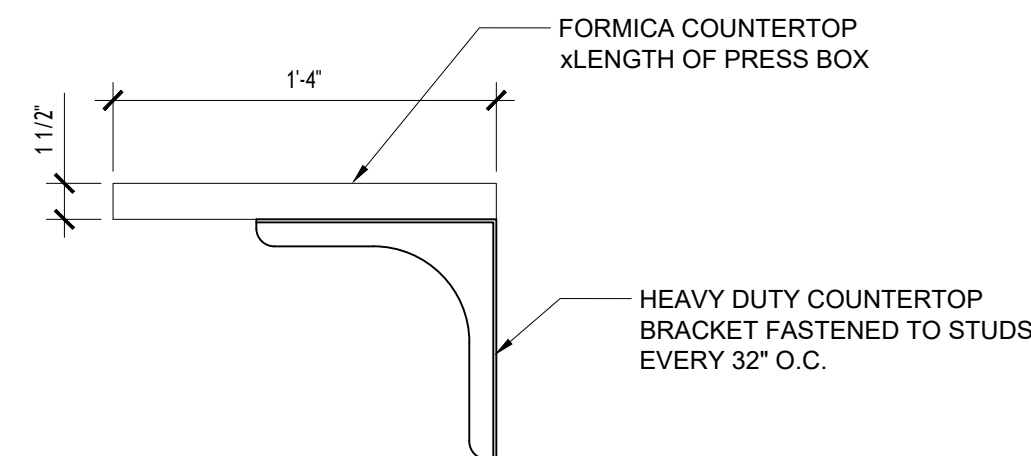
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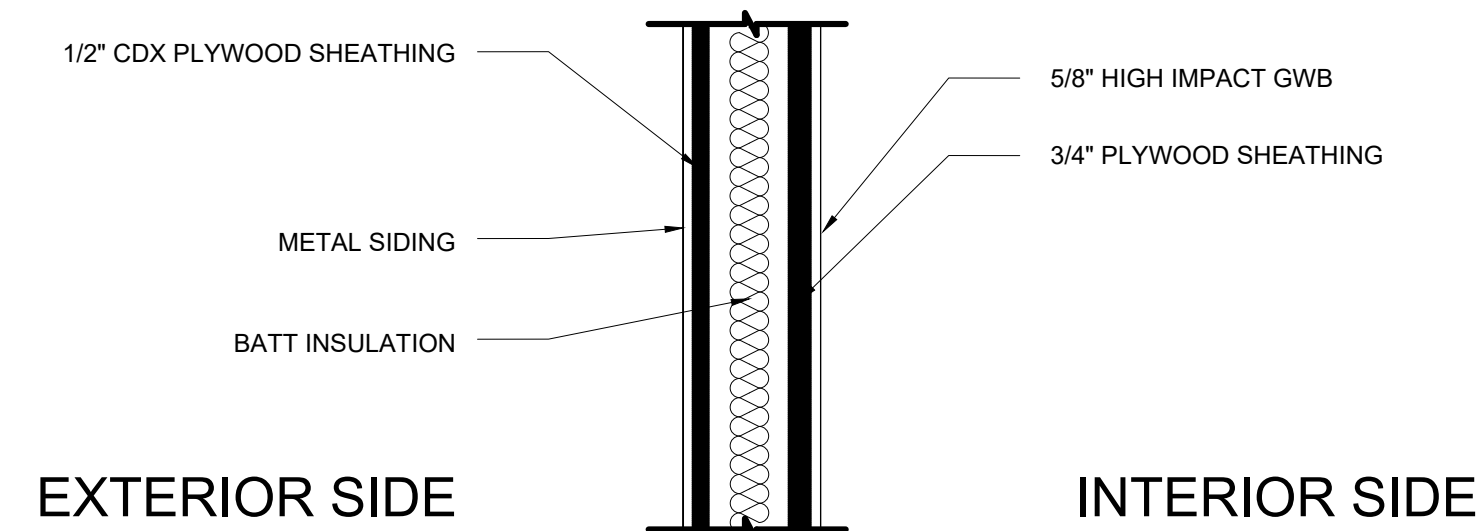
5 METAL SIDING DETAIL
G-2.0 SCALE: NTS



6 METAL CORNER DETAIL
G-2.0 SCALE: NTS



7 COUNTERTOP DETAIL
G-2.0 SCALE: NTS



8 WALL DETAIL
G-2.0 SCALE: NTS

BID SET

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NAZARETH HIGH SCHOOL
STADIUM PRESS BOX
REFURBISHMENT
501 E. CENTER STREET
NAZARETH, PA 18064

No.	Submittal / Revision	Appr.	By	Date
2	ADDENDUM	TCS	RCM	09/16/2026

DETAILS BASE BID A

Designed By:	Drawn By:	Checked By:
TCS	RCM	TCS
Issue Date:	Project No.:	Scale:
09/14/26	106040	NOTED

Drawing No.:
2
G-2.0A

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ELECTRICAL SPECIFICATIONS

A. General Requirements

- Work shall be in accordance with NFPA 70 (the National Electrical Code)—either the latest version or the version adopted by the local jurisdiction—and all local codes.
- Secure all permits, inspections, and approvals as required.
- Furnish and install all materials and labor required to provide complete and operational systems as indicated on the drawings.
- The electrical drawings are diagrammatic and are intended to show the approximate locations of equipment, devices, raceways, and associated systems. Drawings are not to be scaled for the accurate cutting or its exact placement, but they shall be followed as closely as actual building construction and the work of other trades will permit. The contractor shall verify all dimensions and coordinate the installation of electrical systems with actual conditions in the field.
- General work practices for electrical construction shall be in accordance with NECA 1, *Good Workmanship in Electrical Construction*, published by the National Electrical Contractors Association.
- All material and equipment shall be listed and labelled for the application by Underwriters Laboratories or other NRTL, and installed according to its listing.
- Unless otherwise indicated, this contractor shall perform all cutting and patching of the existing facility for their respective work. Patching shall match existing materials, finishes, and methods of construction.
- Submit shop drawings to the Engineer for all materials and equipment.
- Provide protection and storage for equipment and materials during construction.
- All material and equipment shall be turned over in a new, clean condition.
- Coordinate work with other trades. Where electrical equipment is depicted on other drawings, provide connections.
- Provide installation of mechanical equipment per the manufacturer's installation requirements, manuals and details.
- Provide circuits and final connection to mechanical equipment, furniture and equipment supplied by others. Where electrical drawings and equipment rough-in drawings or equipment submittals are in conflict, consult with Project Manager for resolution.
- Coordinate equipment clearances and work space with manufacturer's service recommendations.
- The contractor shall coordinate the shutdown and removal of existing systems and equipment and the installation and startup of new systems and equipment with the project construction phasing schedule.
- Maintain as-built plans during construction. Turn over to Engineer at completion of construction. Provide electronic version and at least two paper copies, more if required elsewhere.
- Provide operating and maintenance manuals for all equipment. Provide electronic version and at least two paper copies, more if required elsewhere.
- Provide at least 12-month warranty on all materials, equipment, and workmanship from date of substantial completion.

B. Demolition and Connections to Existing Equipment

- Demolish existing indoor and outdoor mini split system equipment. Safely and legally dispose of refrigerant, see plans for additional requirements.
- Owner reserves the right to claim any salvageable materials and equipment. Prior to beginning demolition work, identify items Owner chooses to claim. Remove and store claimed items. Remove and dispose of all unclaimed materials and equipment.
- Maintain devices and equipment not shown to be demolished, and circuits feeding them.
- Where drawings show new devices and wiring, demolish existing devices and wiring, provide new as shown.
- Where new equipment replaces existing, extend wiring to the new equipment. Provide additional supports, grounding and fittings as required to comply with NEC.
- Where existing equipment is relocated, extend wiring to the new location. Provide additional supports, grounding and fittings as required to comply with NEC.
- When reusing raceways or junction boxes, provide additional grounding and support as required with NEC. Do not reuse cables. Where reusing conduits and boxes creates conflicts with new work, relocate conduits and junction boxes to make way for new work.
- Disconnect and remove devices and equipment shown to be demolished.
- Where wire or cable is subsequently no longer used, remove it back to its source.
- Where conduit is subsequently empty and accessible, remove it back to its source. Where abandoned conduit drops underground, under slab, or in other inaccessible location, undercut below surface and patch.
- Where adding to circuits with existing loads, measure the full load with an ammeter before and after the additions are made to confirm code compliance. Maintain record of loads on as-built plans.
- Where demolition or new work will affect electrical phase rotation of existing equipment, measure existing electrical phase rotation. New work shall match existing electrical phase rotation.

C. Basic Materials and Methods

- Wire shall be copper THHW, THWN or XHHW. Ampacity shall be based on 75C ratings.
- Minimum wire size shall be 12AWG. For emergency and outdoor circuits, minimum wire size shall be 10AWG. For branch circuits longer than 75' one-way circuit distance, minimum wire size shall be 10AWG.
- Provide a dedicated 100% rated neutral conductor in each circuit which rely on the neutral conductor to complete the circuit (example: 120V, 277V or multiphase circuits with a neutral).
- Where oversized conductors are indicated or otherwise required for voltage drop or derating, provide joining devices and other means required to transition back to standard conductor sizes for connection to standard lugs at equipment.
- Minimum conduit size shall be 3/4".
- Where branch circuit wiring is spliced, use wirenuts, PVC coated mechanical lug terminals or other Engineer approved means that allows access to cable ends. Do not use spring tension splices to connect wiring.
- Use wire in conduit except in accessible indoor ceiling spaces, where MC cable may be used, unless prohibited by code. Use MC cable connectors with threaded lock nuts to box and screw down cable grips.
- Provide flexible connections for final connection to motors or other vibrating equipment.
- Provide plastic bushings wherever conductors would otherwise be exposed to threaded metal fittings.
- Conduit types:
 - Outdoor, exposed: Threaded RMC, matching threaded fittings.
 - Outdoor, flexible final connections to vibrating equipment: LFMC, malleable iron type fittings, listed for outdoors.
 - Indoor, subject to physical damage: Threaded RMC, matching threaded fittings.
 - Indoor, dry, not subject to physical damage: EMT, set screw or compression fittings.
 - Indoor, dry, flexible final connections to vibrating equipment: FMC, malleable iron fittings.
- Coordinate conduit installation with other trades and press box manufacturer. Where conduit is in the vicinity of equipment, coordinate conduit locations to ensure access and clearances about devices and equipment are maintained.

- Exposed raceways and boxes not in finished spaces shall be custom painted to match adjacent surfaces and surface colors. Where surfaces have more than one color, provide color scheme to match existing.
- Exposed raceway systems, enclosures, trays, boxes and covers in unfinished ceilings shall be custom painted to match existing.
- Except where code requires otherwise, use steel boxes of the proper type, not less than 4" square. Secure firmly, true, square, and, where mounted in a finished wall, flush with the finished surface. Where outdoors, provide cast metal boxes custom painted to match adjacent surface.
- Where drawings note or show surface mount devices in finished or unfinished spaces, junction boxes or device back boxes that are exposed, in finished spaces and below 8' shall be cast metal box custom painted to match adjacent surface.
- Low-voltage cable may be installed open in accessible indoor ceiling spaces, attics and in hollow gypsum-board partitions; otherwise, provide raceway. Support low-voltage at maximum 36" intervals with J-hooks or other devices listed for low-voltage cable support.
- Support cables, conduits, and junction boxes rigidly and securely with heavy duty clamps and anchors listed for the application and installed according to their listing.
- The use of spring tension cable or conduit support clips is not acceptable. Connectors to be threaded type with locking washer.
- In finished spaces, all wiring shall be concealed under floors, in walls, or above ceilings, unless drawings indicate otherwise.
- Identify each wire and device on the project with a circuit number. Use wrap-around tape at the ends of wires.
- Where circuits penetrate an interior or exterior wall provide penetrations acceptable to press box manufacturer. Seal all penetrations.
- New press box floor and platform floor shall only be penetrated by press box manufacturer.
- All required penetration locations and acceptable types of penetrations shall be coordinated with the new press box manufacturer.
- Penetration in existing press box shall be coordinated with existing conditions and new work.
- Seal the interior of all exterior wall and floor penetrations with removable duct seal.
- For 208V/120V systems, use black (phase A), red (phase B) and blue (phase C) color coding.
- Megger each feeder circuit. Conduct test with 1000V DC for 1 minute. Test phase to phase, phase to neutral and phase to ground for each conductor. Provide electronic test report showing each test outcome. Where resistance values are under 25 megohm, correct deficiency and retest. Turnover test report to Engineer.

D. Wiring Devices

- Provide devices, back boxes and associated wiring for wiring devices noted below.
- Standard switches shall be ivory or as directed, heavy-duty spec grade, 277V, 20A, manufactured by Leviton, Hubbell or Pass & Seymour. Where pilot-lighted switches and other types are noted, provide those types of the same quality by the same manufacturer.
- Standard dimming switch shall be Lutron, Hubbell, Leviton, or Pass & Seymour. Provide type to match load. Provide wiring as required to support dimming ballasts, drivers and controls indicated, including extra line voltage wiring or 0-10V controls. Provide standard 3-way switches with dimming.
- Standard receptacles shall be ivory or as directed, heavy-duty spec grade, 120V, 15/20A, grounding type, manufactured by Leviton, Hubbell or Pass & Seymour. Where other receptacle types are noted, provide those types of the same quality by the same manufacturer.
- Standard GFCI receptacles shall be UL 943, 10kA maximum interrupting capacity, weather resistant complying with requirements above.
- Where receptacles are located in damp or wet locations, provide weather resistant devices.
- Provide cast metal weatherproof (WP) boxes and other housings as noted.
- Outdoor receptacles not protected from the weather shall be provided with hinged metal WP "in-use" covers, where WP rating is maintained with equipment plug is inserted into the receptacle.
- Indoor receptacles in wet locations and outdoors under roofed openings, canopies, or marquees, not subject to heating rain or water run-off, shall be cast metal WP type when receptacle is covered (attached plug cap not inserted and receptacle cover closed).
- Provide brushed stainless steel wall plates for devices in indoor finished spaces, galvanized steel wall plates for devices indoor unfinished spaces and cast iron or aluminum covers outdoors. Use one-piece wall plates for all groups of devices. Plates shall be square and true, with the edges of the plate in continuous contact with the wall.
- Devices in raceways shall have device and coverplate to match the color of the raceway.
- Identify each device on the project with a circuit number. Use self-adhesive labels on the faceplate of each switch or receptacle.
- The color of wiring devices and type and color of device plates shall be indicated on submittals, and shall be coordinated with the Engineer prior to installation.

E. Grounding and Bonding

- Provide grounding and bonding as below, in addition to requirements of NEC.
- Provide insulated copper equipment grounding electrode conductors in all circuits.
- Bond new panel to existing ground rod. Extend existing #6 ground conductor to panel and to ground bar in rack.
- Provide vertical ground bar in CAB-PB, provide Erico or equal copper bar, minimum 1/8" thick x 1" wide x 24" minimum length with manufacturer's cabinet mounting kit. Bond to ground electrode with #6 conductor.

F. Surface Raceway

- Raceway below new and existing counters shall be new. Coordinate layout with new work.
- Use Wiremold ALA4800-series or equal, aluminum, two-channel system. See plans for additional requirements.
- Provide all fittings for a complete installation where shown on the drawings. Provide covers, end caps, etc., as required.
- Provide brackets for in-line data devices, and knockouts for audio devices.
- Coordinate mounting height of raceway with millwork and furniture. Final mounting height as directed in the field by Owner's project manager. Receive Owner approval for height selected before installation.
- Do not mix audio and data in the same compartments.

G. Cable Tray

- Provide white 2"x2" galvanized steel welded wire mesh cable tray wire management system by Cablofil, or approved alternate manufacturer, where shown on the drawings. Provide vertical sections as shown on drawings, all fittings, supports, and straight pieces as required for continuous run of cable tray.
- Support cable tray to wall structure, at spans recommended by manufacturer, but not less than 1 support within 6' of either end and 1 support in the middle.
- Provided dedicated cable trays for data and audio.
- Provide wire management in the cable tray, secure and Velcro cables every 1' to cable tray and within 1' of either end.
- Provide 3 foot cable loop in back of cabinet, secured to wall.

- Label each cable just before it enters the ceiling space with a unique machine printed label.
 - Cable trays shall be grounded to CAB-PB with a #10 conductor and bonding fitting.
 - Use listed splices to co connect sections and at places where the tray is cut. Run ground wire alongside the tray and attach it to each and or both sides of the cut in the tray, in compliance with NEMA VE-2 installation guide.
 - Where cables drop out of cable tray provide exit/enter trays and or cable drop out trays.
- ### H. Distribution Equipment
- Press box load center provided by Press Box Manufacturer, provide final connection to load center.
 - Distribution equipment shall be manufactured by Cutler-Hammer, GE/ABB, Siemens, or Square D.
 - Circuit breaker and other lugs shall be rated 75C.
 - When adding circuit breakers to existing panels, provide new units listed for use in the panel, matching the existing ones in the panel.
 - Safety switches shall be heavy-duty.
 - Enclosures shall be suitable for installed location.
 - Identify panelboards, safety switches, and motor starters with engraved plastic laminate labels, showing panel designation, system voltage, and source location.

I. Lighting Control Devices

- Provide devices, wiring and installation as noted below.
- Wall-box controls:
 - Wall-box switches with motion detectors shall have the following features: dual-technology sensor (PIR and US) with 225 sq ft coverage rating for minor motion for both technologies, manual override pushbutton, sensitivity adjustment, mounts in standard box with standard Decora-style wall plate, 120/277V, 800W, off-delay adjustable, integrated light level sensor with adjustable threshold, LEDs indicate motion detection, coverplate and device color to match wiring devices or as directed. Provide Watt Stopper DW-100. Configure for 20-minute off-delay, manual on.
 - Wall-box dimmers with motion detectors shall have the following features: dual-technology sensor (PIR and US) with 225 sq ft coverage rating for minor motion for both technologies, manual override pushbuttons, sensitivity adjustment, mounts in standard box with standard Decora-style wall plate, 120/277V, 1000W, 0-10V dimming, off-delay adjustable, LEDs indicate motion detection, coverplate and device color to match wiring devices or as directed. Provide Watt Stopper DW-311. Configure for 20-minute off-delay, automatic on to 50%.
 - Wall-box switches with timers shall have the following features: backlit LCD display with digital countdown timer, single pushbutton operation, mounts in standard box with standard Decora-style wall plate, 120/277V, 800W, auto off after selectable time up to 12 hours, flash-beep indicator, scrolling override of preset timeout, coverplate and device color to match wiring devices or as directed. Provide Watt Stopper TS-400. Set initial preset to 30 minutes. Set beep and flash indicators on. When multiple wall-box timers control the same lights, wire in parallel.
- Motion sensors with power packs:
 - UNO, where motion sensors are indicated without room controllers or daylight sensors, provide motion sensors as described below, power packs and line-voltage wall controls.
 - Where manual switches are used together with ceiling-mounted occupancy sensors, wire as off-override switches.
 - Where multiple occupancy sensors control the same lights, parallel low-voltage wiring so that detection by any sensor turns the lights on.
 - Where multiple circuits, voltages or zones require it, provide multiple power packs.
 - Either motion sensor or power pack shall provide dedicated dry low-voltage contact for HVAC integration.
 - Ceiling corner-mounted occupancy sensors shall have the following features: dual-technology sensor (PIR and US) with 1000 sq ft coverage rating for minor motion (for 10' mounting, 2000 sq ft coverage rating for major motion), sensitivity adjustment, swivel bracket, off-delay adjustable up to 30 minutes, integrated light level sensor with adjustable threshold, LED indicates motion detection, ivory color. Provide Watt Stopper DT-200. Adjust sensitivity for proper operation without false triggering. Adjust light level threshold to 50%. Set initial off-delay to 30 minutes.
- Ceiling center-mounted occupancy sensors shall have the following features: semi-recessed, dual-technology sensor (PIR and US) with 360 degree, 1000 sq ft coverage rating, sensitivity adjustment, off-delay adjustable up to 30 minutes, integrated light level sensor with adjustable threshold, LED indicates motion detection, ivory color. Provide Watt Stopper DT-300. Adjust sensitivity for proper operation without false triggering. Adjust light level threshold to 50%. Set initial off-delay to 30 minutes.

- UNO, where motion sensors are indicated without room controllers or daylight sensors, provide motion sensors as described below, power packs and line-voltage wall controls.
- Where manual switches are used together with ceiling-mounted occupancy sensors, wire as off-override switches.
- Where multiple occupancy sensors control the same lights, parallel low-voltage wiring so that detection by any sensor turns the lights on.
- Where multiple circuits, voltages or zones require it, provide multiple power packs.
- Either motion sensor or power pack shall provide dedicated dry low-voltage contact for HVAC integration.
- Ceiling corner-mounted occupancy sensors shall have the following features: dual-technology sensor (PIR and US) with 1000 sq ft coverage rating for minor motion (for 10' mounting, 2000 sq ft coverage rating for major motion), sensitivity adjustment, swivel bracket, off-delay adjustable up to 30 minutes, integrated light level sensor with adjustable threshold, LED indicates motion detection, ivory color. Provide Watt Stopper DT-200. Adjust sensitivity for proper operation without false triggering. Adjust light level threshold to 50%. Set initial off-delay to 30 minutes.
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J. Lighting

- Install lighting as shown on plans. Terminate wiring through lighting controls.
- Interior lighting shall have dimming control and motion sensing.
- Grid mounted lighting shall be secured to grid with listed clamps and supported at either end to building structure with #14 gauge steel cable.
- Surface mounted lighting shall be secured to a recessed back box listed for application, capable of handling hanging load + 20lb.
- Seal around the top side of exterior luminaires with outdoor rated caulk to prevent water from entering back box.

K. Teledata Wiring System

- Provide service entrance modifications as noted.
 - Extend fiber as shown on plans remove incoming fiber temporarily. Reinstall, support and connect fiber after new exterior siding has be set in place. Provide means to keep exposed fittings dry and safe from damage.
- Provide a unified teledata wiring system, with a link for each telephone, wireless antenna, camera and data jack shown on the drawings. Run cables from jacks to modular patch panels. Provide cables and devices by Hubbell or approved equal.
- Provide plenum-rated horizontal links as follows:
 - Where indicated for wireless access points, provide 1 white Category 6A links.
 - Where indicated for video surveillance cameras, provide 1 green Category 6A link.
 - Where data, phone or other jacks are shown or required, provide blue Category 6A links.
- Provide raceway except in accessible indoor ceiling spaces where J-hooks may be used at intervals not greater than 3'.
- At jack locations, provide multipoint stainless-steel faceplates or 2-compartment raceway fittings with four openings.
- Owner to provide 28" deep 24U or 32U floor mount cabinet with locking casters, hinged perforated door.
- Provide empty, 24 or 48-port patch panels with at least 20% more openings in each patch panel. Provide keystone jacks to terminate each installed cable.
- Provide rear cable management bars that screw into the back of the rack at each patch panel. Provide horizontal and vertical wire management panels surrounding each patch panel.
- Provide 3 foot cable loop in back of cabinet, secured to wall.

- Unless Owner directs otherwise, jack labels shall have the form XY, where X shall be a letter designating the patch panel, and Y shall be a number designating the jack in the patch panel.
- Labels shall be placed at each end of the cable, on the workstation faceplate, and on the patch panel. Use machine-printed, self-adhesive labels.
- Provide as-built plans with each location shown, indicating the label used and the number of jacks.
- Test installed wiring through patch panels and jack locations to specified EIA/TIA standards using an automated tester. Repair any deficiencies and retest. Submit testing report.
- Cross-connect wiring and patch cables will be provided by the Owner.
- Extend existing 6-strand fiber cable with new cable, termination & factory terminated patch cables, types to match existing.

L. Public Address System

- Disconnect and remove devices and wiring. After new side and roof is in place, reinstall, terminate and test devices and wiring. Where cables are exposed, provide cable in new conduit.
- Test system to ensure final installation has the same capacity as existing.

M. Clock

- Provided by Owner, battery operated.

N. Access Control

- Not in scope of project.

O. Intrusion Detection

- Not in scope of project.

P. Video Surveillance

- Provide devices, wiring installation and general work noted and shown on the drawings.
- Install Owner furnished cameras.
- Coordinate final location, aiming and mounting with Owner.
 - Meet with Owner on site to review camera mounting schedule.
 - For Owner meeting, provide written schedule describing mounting hardware and proposed viewing angles at each camera location. Use tags on drawings to identify locations.
 - During meeting, review placement and mounting of each camera. Mark actual location of proposed camera placement.
 - During meeting, review proposed viewing angle of each camera. Show viewing angles on plan.
 - Do not proceed without Owner approval of mounting types, locations, and viewing angles in writing.
- Pre-Acceptance Adjusting
 - After cameras and network are operational, meet with Owner on site to review/adjust camera views—zoom and angle.
 - Provide at least three technicians for this adjustment session—two for adjusting cameras and one for conferring with Owner at viewing location.
 - Note final zoom and angle of each camera.
 - Provide to Owner record of settings in writing.

Q. Fire Alarm

- Not required, not in the scope of the project.

R. Mechanical Equipment

- Package Terminal Air-Condition Unit shall be manufactured by GE or approved equal and shall be of the capacity, performance, and efficiencies as indicated on the drawings. Unit shall have a 5-year compressor warranty and 1-year warranty for all other parts and labor from date of substantial completion. Unit shall have means of remote monitoring via Smart HQ. Provide two wire connection remote thermostat control with two-speed fan control, and occupancy sensing. Provide install equipment per manufacturer's recommendations.
- Electric Baseboard shall be manufactured by Trane or approved equal and shall be of the capacity, performance, and efficiencies as indicated on the drawings. Casing shall be constructed of 12 gauge extruded aluminum heat treated to t5 hardness. Provide double pole thermostat and disconnect switch factory wired in enclosed junction box. Provide transformer relay and mount within enclosure.
- Provide installation and terminations to equipment per manufacturer's recommendations.

EQUIPMENT TYPES

ATS	AUTOMATIC TRANSFER SWITCH
CONT	CONTACTOR
DS	DISCONNECT SWITCH
ECB	ENCLOSED CIRCUIT BREAKER
IDF	INTERMEDIATE DISTRIBUTION FRAME
LCP	LIGHTING CONTROL PANEL
MS	MOTOR STARTER
PDU	POWER DISTRIBUTION UNIT
PNL	ELECTRICAL PANEL
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
TRAN	TRANSFORMER
UPS	UNINTERRUPTIBLE POWER SUPPLY

ELECTRICAL SYMBOLS

GENERAL ELECTRIC

⊙ _P	SWITCH WITH PILOT LIGHT
⊙ _F	FAN SWITCH
☒	MOTOR STARTER
☒	DISCONNECT SWITCH
☒	COMBINATION STARTER
⊕	DUPLEX RECEPTACLE
G	GROUND FAULT INTERRUPTER
C	COUNTERTOP HEIGHT
E	ELECTRICAL WATER COOLER - GFI
CM	CEILING MOUNTED
W	WEATHERPROOF
TR	TAMPER RESISTANT
X-Y	NEMA X-Y
#	MOUNT # ABOVE FINISH FLOOR
S	SURFACE MOUNT
T	TELEVISION
U	USB
⊕	DOUBLE-DUPLEX RECEPTACLE
⊕	SPECIAL RECEPTACLE
⊕	POWER RECEPTACLE, AMPERAGE
⊕	RANGE RECEPTACLE
☒	DEVICE IN CONCEALED RECESSED FLOOR BOX
⊕	JUNCTION BOX
⊕	TRANSFORMER
⊕	POWER POLE
⊕	TIME CLOCK
⊕	HAND DRYER
⊕	HAND DRYER
⊕	TWO-COMPARTMENT SURFACE RACEWAY: PROVIDE 3/4" CONDUIT TO HIGH-VOLTAGE AND 1 1/4" TO LOW-VOLTAGE SECTIONS. FOR EACH 30' OF RACEWAY.
☒	PANEL
☒	BASEBOARD HEATER
☒	MOTOR
☒	WIRING CONCEALED EXCEPT WHERE RUN IN OPEN STRUCTURE
---	WIRING BELOW SLAB OR GRADE
---	EMERGENCY SYSTEM WIRING
⊕	HOME RUN/CIRCUIT TAG
⊕	MULTICONDUCTOR WIRING
⊕	CONDUIT RISE
⊕	CONDUIT DROP
☒	ENCLOSURES WITH HINGED DOORS

SECURITY

☒	VIDEO SURVEILLANCE CAMERA
☒	360° VIDEO SURVEILLANCE CAMERA
☒	180° VIDEO SURVEILLANCE CAMERA
☒	90° VIDEO SURVEILLANCE CAMERA

COMMUNICATIONS

⊕	TELEVISION CABLE OUTLET
▽	SINGLE DATA OUTLET
▽	DATA OUTLET WITH N JACKS
▽	SINGLE TELEPHONE OUTLET
▽	TELEPHONE OUTLET WITH N JACKS
▽	COMBINED OUTLET WITH TWO DATA JACKS AND TWO TELEPHONE JACKS
▽	COMBINED OUTLET WITH M DATA JACKS AND N TELEPHONE JACKS
▽	BOX WITH BLANK PLATE AND CONDUIT TO ACCESSIBLE CEILING SPACE
☒	WIRELESS COMMUNICATIONS SYSTEM ANTENNA. PROVIDE SINGLE DATA JACK ABOVE CEILING
☒	FLOOR MOUNTED IT/AV CABINET

PUBLIC ADDRESS

⊕	CEILING MOUNTED SPEAKER
▽	HORN SPEAKER
⊕	WALL MOUNTED CLOCK
⊕	MICROPHONE JACK

COMMON ABBREVIATIONS

A/E	ARCHITECT/ENGINEER	HC	HVAC CONTRACTOR
AB CLG	ABOVE CEILING	HCP	HANDICAPPED
ABV	ABOVE	HGT	HEIGHT
AFF	ABOVE FINISHED FLOOR	HR	HOUR
AFI	ARC-FAULT INTERRUPTER	IR	INFRARED
AFR	ABOVE FINISHED ROOF	JB	JUNCTION BOX
ALT	ALTERNATE	KES	KITCHEN EQUIPMENT SUPPLIER
ATS	AUTOMATIC TRANSFER SWITCH	LV	LOW-VOLTAGE
BFC	BELOW FINISHED CEILING	MC	MECHANICAL CONTRACTOR
C/G	COUNTERTOP GFI	MCA	MINIMUM CIRCUIT AMPACITY
CD	CORD DROP	MOCP	MAXIMUM OVERCURRENT PROTECTION
CL	CENTERLINE	MT	MULTITECHNOLOGY
CLG	CEILING	MO	MICROWAVE OVEN
CM	CEILING MOUNTED	NA	NOT APPLICABLE
COL	COLUMN	NE	NORMAL/EMERGENCY (NORMALLY ON)
CT	COUNTERTOP HEIGHT-44" AFF UNO OR CURRENT TRANSFORMER	NIC	NOT IN CONTRACT
CR	CORD REEL	NTS	NOT TO SCALE
DBF	DOWN BELOW FLOOR	OFCl	OWNER FURNISHED-CONTRACTOR INSTALLED
DET	DETAIL	PC	PLUMBING CONTRACTOR
DIA	DIAMETER	PIR	PASSIVE INFRARED
DIM	DIMENSION	SE	SERVICE ENTRANCE
DN	DOWN	SEC	SECTION
DW	DISHWASHER	SHT	SHEET
DWVG	DRAWING	SIM	SIMILAR
EC	ELECTRICAL CONTRACTOR	SPD	SURGE PROTECTION DEVICE
EL	ELEVATION	SPEC	SPECIFICATION
ELEV	ELEVATOR	SS	SERVICE SINK
EMER	EMERGENCY	STD	STANDARD
EO	EMERGENCY ONLY (NORMALLY OFF)	SUSP	SUSPENDED
EWC	ELECTRIC WATER COOLER (PROVIDE GFI RECEPTACLE)	TBR	TO BE REMOVED
EX	EXISTING	TL	TASK LIGHT
FA	FIRE ALARM	TR	TAMPER RESISTANT
FBO	FURNISHED BY OWNER	TSTAT	THERMOSTAT
FLR	FLOOR	UNO	UNLESS NOTED OTHERWISE
FPC	FIRE PROTECTION CONTRACTOR	US	ULTRASONIC
FSC	FOOD SERVICE CONTRACTOR	W/	WITH
GC	GENERAL CONTRACTOR	W/O	WITHOUT
GFI	GROUND-FAULT INTERRUPTER	W	WALL-MOUNTED
GND	GROUND	WP	WEATHERPROOF

COMMON SYMBOLS

N	PLAN NORTH
☒	SECTION ID
☒	SHEET NO. WHERE SECTION IS
☒	DIRECTIONAL VIEW OF SECTION
☒	REVISION CLOUD
☒	REVISION NUMBER
☒	ELEVATION 100.00'
☒	DIRECTION OF VIEW
☒	SHEET NO. WHERE EL. IS DRAWN
☒	ELEVATION ID
☒	KEYNOTE
☒	DETAIL ID
☒	SHEET NO. WHERE DETAIL IS
☒	ROOM/SPACE NO.
☒	EQUIPMENT TAG SHOWING TYPE AND ID. SEE EQUIPMENT SCHEDULES FOR DETAILS
☒	PROVIDE NEW
☒	EXISTING TO REMAIN
☒	REMOVE EXISTING
☒	CONNECT TO EXISTING
☒	EXISTING TO BE REMOVED

DRAWING LIST

E-001A	ABBREVIATIONS, SYMBOLS & SPECIFICATIONS BASE BID A
E-100A	ELECTRICAL PLANS BASE BID A
E-701A	DETAILS BASE BID A

BID SET

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NAZARETH HIGH SCHOOL
STADIUM PRESS BOX
REFURBISHMENT

501 E CENTER STREET
NAZARETH, PA 18064

No.	Submittal / Revision	Appr	By	Date
☒	ADDENDUM 2	MCD	ETT	09/16/2026

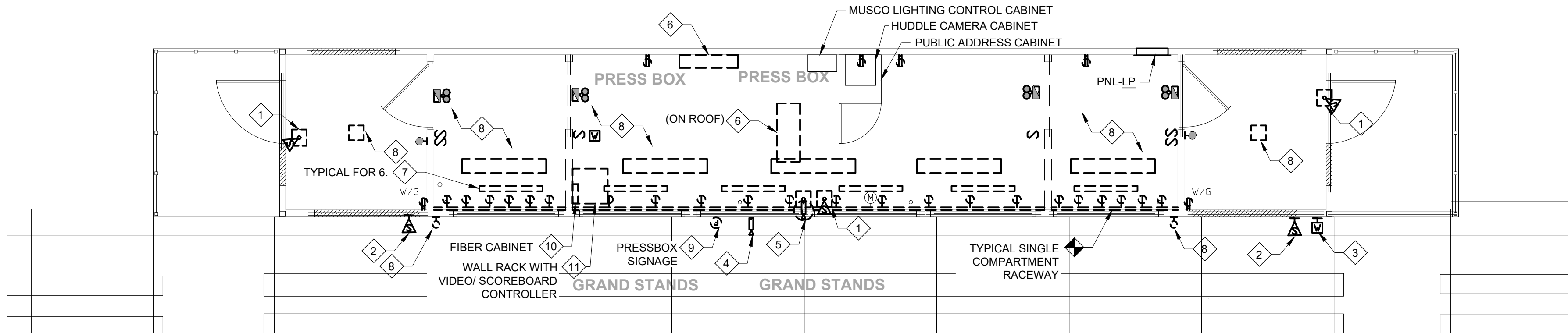
ABBREVIATION,
SYMBOLS &
SPECIFICATIONS.
BASE BID A

Designed By: MCD	Drawn By: MCD	Checked By: MCD
Issue Date: 09/14/26	Project No.: 106040	Scale: AS SHOWN

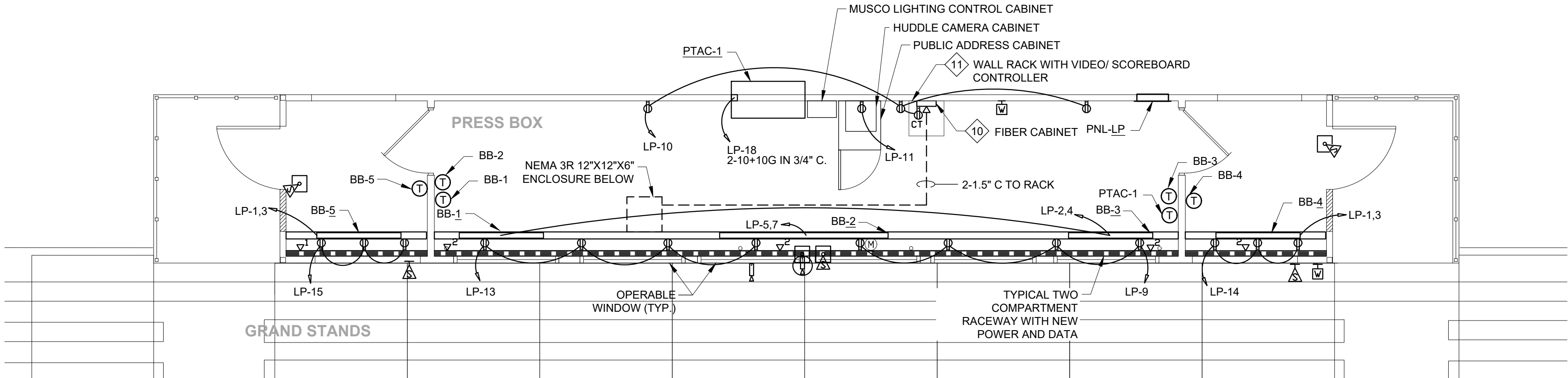
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E-001A

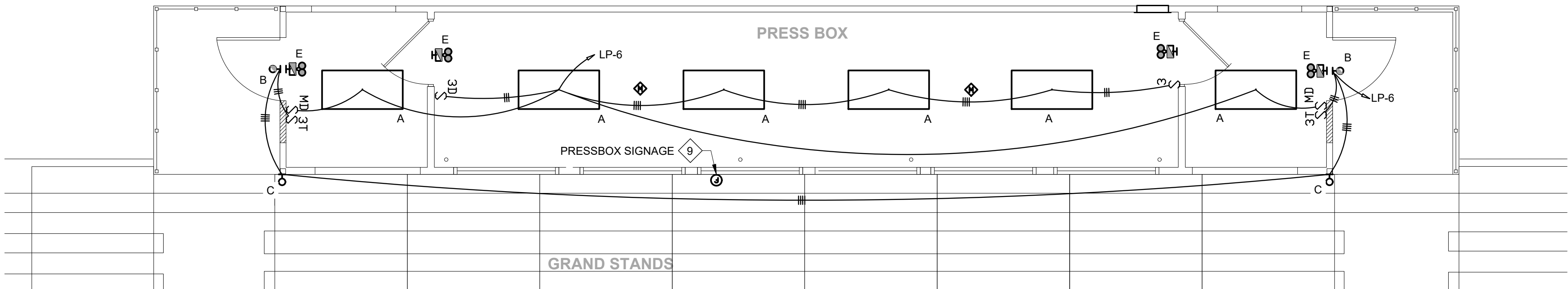
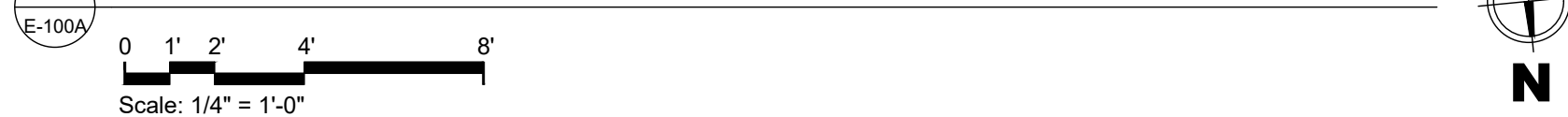
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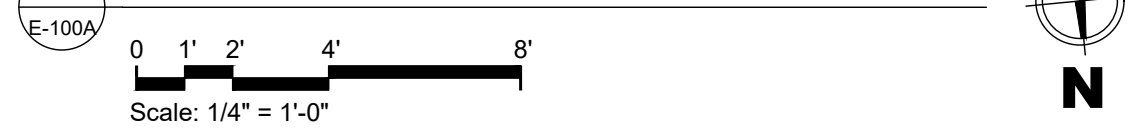
PRESS BOX - DEMOLITION



PRESS BOX - POWER & LOW-VOLTAGE



PRESS BOX - LIGHTING



ELECTRIC BASEBOARD HEATER SCHEDULE

BB-#

TAG	MANUFACTURER	MODEL	TYPE	NO. OF ELEMENTS	CAPACITY WATT/FT	V/PH/Hz	CAPACITY WATTS	ELEMENT LENGTH (IN)	ELEMENT ENCLOSURE L x W x H (IN)	MOUNTING	NOTES
BB-1	TRANE	DBF	FLOOR MOUNTED SIDE INLET	1	250	240/1/60	1000	48"	418" x 6" x 3-1/8"	FLOOR	1,2,3
BB-2	TRANE	DBF	FLOOR MOUNTED SIDE INLET	1	250	240/1/60	2000	96"		FLOOR	1,2,3
BB-3	TRANE	DBF	FLOOR MOUNTED SIDE INLET	1	250	240/1/60	1000	48"		FLOOR	1,2,3
BB-4	TRANE	DBF	FLOOR MOUNTED SIDE INLET	1	250	240/1/60	1000	48"	80" x 6" x 3-1/8"	FLOOR	1,2,3
BB-5	TRANE	DBF	FLOOR MOUNTED SIDE INLET	1	250	240/1/60	1000	48"	80" x 6" x 3-1/8"	FLOOR	1,2,3

NOTES:

- PROVIDE 12 GAUGE EXTRUDED ALUMINUM AND FIELD MOUNTED THERMOSTAT
- PROVIDE BUILT IN FACTORY DISCONNECT.
- PROVIDE WALL-TO-WALL IVORY ENCLOSURE HOUSING, FIELD VERIFY FINAL DIMENSIONS.

PACKAGED TERMINAL AIR CONDITIONING UNIT

PTAC-#

TAG NO.	MFR.	MODEL NO.	CFM	CFM O.A.	ELECTRIC			COOLING CAPACITY (NOTE 1)		HEATING CAPACITY		WALL OPENING		REFRIGERANT			EER/COP	NOTES
					V/PH/Hz	MCA	MOCP	HEATER WATTS	TMBH	SMBH	SMBH	WIDTH	HEIGHT	REFRIG.	SAFETY GROUP CLASSIFICATION	MAX SYSTEM CHARGE (OZ)		
PTAC-1	GE	AZV	525	50	240/1/60	25	30	3930	14.2	9.2	13.5	42	16	R-454B	A2L	29	11.0/3.4	1,2,3,4

NOTES:

- COOLING CAPACITY RATED AT 95°F AMB, REVERSE CYCLE HEAT RATED AT 47°F
- PROVIDE VARIABLE SPEED MOTOR AND MAKEUP AIR MODULE WITH BACKUP RESISTANCE HEAT.
- PROVIDE WALL SLEEVE RAB42MG, WALL LOUVER RAQ42AA, SUB-BASE, HARDWIRED CONNECTIONS THROUGH DISCONNECT SWITCH, JUNCTION BOX, INTEGRATED WIFI CONNECTIVITY AND 1-YEAR SMART HQ SUBSCRIPTION, INTERNAL DRAIN KIT, CURTAIN GUARD, HARD WIRED WALL MOUNTED 2-STAGE THERMOSTAT, 1 YEAR PARTS AND LABOR WARRANTY AND 5 YEAR COMPRESSOR WARRANTY
- FIELD VERIFY VOLTAGE 208/230

KEY NOTES

- TEMPORARILY REMOVE ROOF MOUNTED SPEAKER, MOUNTING HARDWARE AND WIRING TO ACCESSIBLE INDOOR LOCATION BELOW TO ALLOW FOR NEW ROOF WORK. REINSTALL SPEAKER, MOUNTING HARDWARE ON PRESS BOX NEW ROOF. EXTEND WIRING, IN NEW CONDUIT WITH WP FITTINGS, TO SPEAKER. TERMINATE SPEAKER CABLE TO SPEAKER.
- TEMPORARILY REMOVE WALL MOUNTED SPEAKER, MOUNTING HARDWARE AND WIRING TO ACCESSIBLE INDOOR LOCATION BELOW TO ALLOW FOR NEW FINISH. REINSTALL SPEAKER, MOUNTING HARDWARE ON PRESS BOX NEW FINISH. EXTEND WIRING, IN NEW CONDUIT WITH WP FITTINGS, TO SPEAKER. TERMINATE SPEAKER CABLE TO SPEAKER.
- TEMPORARILY REMOVE WALL MOUNTED WIRELESS ACCESS DEVICE, AND MOUNTING HARDWARE. REMOVE WIRING TO ACCESSIBLE INDOOR LOCATION. REINSTALL DEVICE AND SUPPORTS ON PRESS BOX NEW FINISH. EXTEND AND CONNECT WIRING TO WIRELESS ACCESS DEVICE.
- TEMPORARILY REMOVE WALL MOUNTED FISHEYE CAMERA. REMOVE WIRING TO ACCESSIBLE INDOOR LOCATION. REINSTALL DEVICE AND SUPPORTS ON PRESS BOX NEW FINISH. EXTEND AND CONNECT WIRING TO FISHEYE CAMERA.
- TEMPORARILY REMOVE ROOF MOUNTED HUDDLE CAMERA, MOUNTING HARDWARE AND WIRING TO ACCESSIBLE INDOOR LOCATION BELOW TO ALLOW FOR NEW ROOF WORK. REINSTALL HUDDLE CAMERA, MOUNTING HARDWARE ON PRESS BOX NEW ROOF. EXTEND AND TERMINATE WIRING, IN NEW CONDUIT WITH WP FITTINGS, TO HUDDLE CAMERA.
- DEMOLISH ROOF MOUNTED MINI SPLIT SYSTEM AND ASSOCIATED INDOOR UNIT. EVACUATE REFRIGERANT FROM COOLING CIRCUITS AND RECOVER ACCORDING TO ALL EPA AND LOCAL REQUIREMENTS. PROVIDE NEW PTAC UNIT AS SHOWN ON THE DRAWING.
- DEMOLISH EXISTING ELECTRIC BASEBOARD HEATERS INCLUDING ALL CONTROLS AND POWER WIRING. PROVIDE NEW AS SHOWN ON THE DRAWING.
- DEMOLISH LIGHTING AND CONTROLS, PROVIDE NEW LIGHTING, CONTROLS AND WIRING AS SHOWN ON THE DRAWING.
- RELOCATE AND REINSTALL SIGNAGE PER ARCHITECTURAL DRAWINGS. EXTEND WIRING FROM EXISTING CIRCUIT IN PNL-LP.
- REMOVE OVERHEAD INCOMING FIBER CABLE TO ACCESSIBLE LOCATION BELOW PRESS BOX. EXTEND FIBER CABLE TO OWNER PROVIDED CABINET IN NEW PRESS BOX.
- OWNER TO RELOCATE WALL MOUNTED SCOREBOARD RACK AND ASSOCIATED VIDEO EQUIPMENT. VIDEO EQUIPMENT WIRING BY OWNER'S INTEGRATOR INTO RACK. CONTRACTOR TO REMOVE WIRING BACK TO ACCESSIBLE LOCATION BELOW. CONTRACTOR TO FIELD COORDINATE ADDITIONAL OPENINGS REQUIRED IN FLOOR FOR EQUIPMENT CONNECTIONS. CONTRACTOR TO PROVIDE FINAL TERMINATIONS AND TESTING. CONFIRM SCOREBOARD OPERATIONS MATCH EXISTING.

PLAN NOTES

- EXISTING GRAND STANDS SHOWN FOR REFERENCE AND ARE NOT TO SCALE. FIELD VERIFY EXISTING CONDITIONS.
- PROVIDE MATERIALS AND INSTALLATION OF DEVICES AND EQUIPMENT AS REQUIRED TO BE COMPLIANT WITH THE CURRENT IBC, NEC AND MECHANICAL CODES.
- ALL WALL AND ROOF MOUNTED EQUIPMENT AND DEVICES ARE TO BE REMOVED AND REINSTALLED UPON INSTALLATION OF NEW EXTERIOR WALL AND ROOF.
- WHERE BOXES, WIRING, BOXES OR RACEWAYS ARE DAMAGED DUE TO DEMOLITION OR NEW WORK, REPLACE DAMAGED MATERIALS WITH NEW, TYPE TO MATCH EXISTING.
- OUTDOOR EXPOSED OR INACCESSIBLE CABLES OR WIRING (EXISTING OR NEW) SHALL BE IN CONDUIT.
- CIRCUIT EMERGENCY LIGHTS AND EXIT SIGNS FROM UNSWITCHED LOCAL LIGHTING CIRCUIT. EMERGENCY FIXTURES AND EXIT SIGNS SHALL BE UL 924 LISTED AND HAVE 90 MINUTES (MIN.) BATTERY BACK UP.
- INSTALL THERMOSTATS 44" CENTERLINE AFF. OPERABLE PARTS OF THERMOSTAT SHALL NOT BE HIGHER THAN 48" AFF.
- PROVIDE CUTTING AND PATCHING AS REQUIRED FOR DEMOLITION AND NEW WORK.
- REPLACE DUPLEX RECEPTACLES AND COVERPLATES WITH NEW (IVORY). RECONNECT NEW DEVICE TO EXISTING CIRCUIT.
- PROVIDE CONTROL OF BASEBOARD HEATERS THROUGH LOCAL THERMOSTAT.
- PROVIDE ALL METHODS AND MATERIALS FOR SUPPORTING AND INSTALLING EQUIPMENT. VERIFY CLEARANCE FOR RIGGING EQUIPMENT THROUGH EXISTING DOORS, HATCHES, WINDOWS, AND SIMILAR SPACE CONTRAINT CONDITIONS. DISASSEMBLE AND REASSEMBLE EQUIPMENT IN ACCORDANCE WITH MFR'S INSTRUCTIONS WHERE EQUIPMENT DOES NOT CLEAR EXISTING OPENINGS.
- PRIME AND PAINT ALL FERROUS MATERIALS EXPOSED TO OUTDOORS.
- OUTSIDE AIR INTAKES SHALL BE LOCATED A MINIMUM OF 10 FEET AWAY FROM LOT LINES, OTHER BUILDING, FUEL FIRED APPLIANCES, PLUMBING VENTS, EXHAUST FAN DISCHARGE, OR FROM ANY OTHER SOURCE OF HAZARDOUS OR NOXIOUS CONTAINMENT.
- SPEAKER MOUNTING THRU PITCH POCKET, SEE ARCHITECTURAL DETAILS.

DP

480 Y/277V, 3Ø, 4W

Utility Shed

Circuit Num.	Poles	Size	Load (VA)	Description	A	B	C	Description	Load (VA)	Size	Poles	Circuit Num.
1	2	70	23564	PNL L1 & Sub-feed PNL-LP	37964			Stadium Lights	14400	150	3	2
3			21010	thru 25kVA transformer		35410			14400			4
5	3	150	11200	Refreshment Stand			25600		14400			6
7			11200		11200			Prepared Space			1	8
9			11200			11200		Prepared Space			1	10
11	1			Prepared Space			0	Prepared Space			1	12
13	1			Prepared Space	0			Prepared Space			1	14
15	1			Prepared Space		0		Prepared Space			1	16
17	1			Prepared Space			0	Prepared Space			1	18
Totals					49164	46610	25600					

Circuit breaker panelboard	Balanced connected load:	146 A
Hinged door cover	Schedule shown for reference, loads are estimated.	
Bolt-on breakers	Existing Square D I-Line Panelboard	
300A MCB	Inspect and tighten all existing connections.	
NEMA 1 surface-mounted enclosure	Non-bold text indicates existing breakers and circuits, which may be spare after demolition.	
18KA SCCR	Bold description and load indicates new circuit and wiring.	
Ground bar	Bold size and poles indicates new breaker. Remove existing breaker if necessary.	Fed from utility pole

LP

240 /120V, 1Ø, 3W

Pressbox

Circuit Num.	Poles	Size	Load (VA)	Description	A	B	Description	Load (VA)	Size	Poles	Circuit Num.	
1	2	15	1000	BB-3 & BB-1	2000		BB-4 & BB-5	1000	15	2	2	
3			1000			2000		1000			4	
5	2	15	1000	BB-2	1434		*Lights and Emergency lights	434	20	1	6	
7			1000			1000	Spare	0	20	1	8	
9	1	20	720	Receptacles - Front Wall	1260		Receptacle - Back Wall	540	20	1	10	
11	1	20	920	*Receptacles - P.A.		920	Spare	0	20	1	12	
13	1	20	720	Receptacles - Front Wall	1260		Receptacle - Home Side	540	20	1	14	
15	1	20	540	Receptacles - Visitor Side		540	Spare	0	20	1	16	
17				Prepared Space	2150		PTAC-1	2150	30	2	18	
19				Prepared Space		2150		2150			20	
21				Prepared Space	100		*Receptacle - Huddle Rooftop Camera	100	20	1	22	
23	1	20	960	Press Box Sign		960	Prepared Space				24	
Totals					8204	7570						

Circuit breaker panelboard	Balanced connected load:	66
Hinged door cover		
Bolt-on breakers		
100A MCB		
NEMA 1 recessed enclosure		
10KA SCCR		
Ground bar		PNL-L1 (125A MCB)

Existing Square D QOC load center
Inspect and tighten all existing connections.
Non-bold text indicates existing breakers and circuits, which may be spare after der
Bold description and load indicates new circuit and wiring.
Bold size and poles indicates new breaker. Remove existing breaker if necessary

BID SET

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NAZARETH HIGH SCHOOL
STADIUM PRESS BOX
REFURBISHMENT

501 E CENTER STREET
NAZARETH, PA 18064

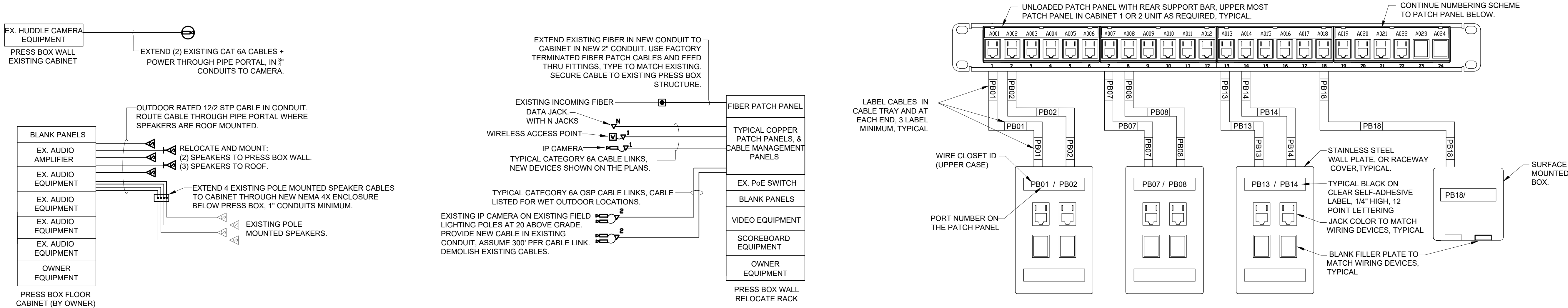
No.	Submittal / Revision	Appr	By	Date
1	ADDENDUM 2	MCD	ETT	09/16/2026

ELECTRICAL
PLANS
BASE BID A

Designed By: MCD	Drawn By: MCD	Checked By: MCD
Issue Date: 09/14/26	Project No.: 106040	Scale: AS SHOWN

Drawing No.:
E-100A

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TYPICAL PUBLIC ADDRESS RISER DIAGRAM

NO SCALE

DIAGRAM NOTES

- CABLES SHALL BE LISTED FOR WET LOCATION AND OUTDOOR, UV LISTED.
- PROVIDE CRIMPED WEATHERPROOF TERMINATIONS.

TYPICAL TELEDATA RISER DIAGRAM

NO SCALE

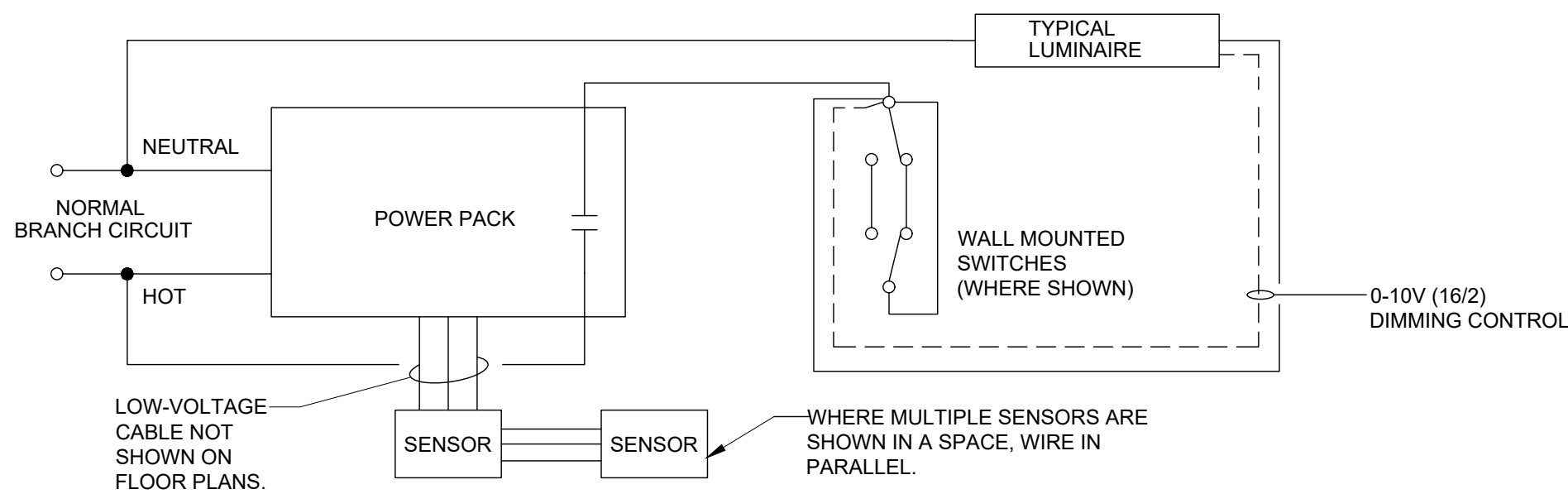
DIAGRAM NOTES

- PUNCH DOWN DATA OUTLETS, WIRELESS ACCESS JACKS AND CAMERAS THRU CATEGORY 6A PATCH PANELS WITH KEYSTONE JACKS.
- PROVIDE NEW FIBER PATCH PANELS, JACKS TO MATCH EXISTING FIBER. CABINET, NETWORK SWITCHES AND PATCH CABLES BY OWNER.
- PROVIDE #8 CONDUCTOR FROM GROUNDING TERMINAL ON CABINET TO NEAR BY BUILDING STRUCTURAL STEEL. BOND CABINET. BOND EACH POWERED PIECE OF EQUIPMENT IN THE RACK OR CABINET TO THE BONDING TERMINAL WITH A DEDICATED #12 BONDING CONDUCTOR.
- PROVIDE WET LOCATION RATED PATCH CABLES BETWEEN SURFACE MOUNTED DEVICES AND OUTDOOR EQUIPMENT.
- VIDEO EQUIPMENT CONNECTIONS AND OTHER AUDIO EQUIPMENT CONNECTIONS NOT SHOWN BY OWNER.

TYPICAL TELEDATA LABELING DETAIL

NOT TO SCALE

- NOTES:
- FILL UNUSED OPENINGS WITH BLANK MODULES. COLOR TO MATCH WIRING DEVICES.
 - PATCH PANELS ARE TO BE LABELED IN CONSECUTIVE ORDER STARTING AT RACK LETTER, PORT 001. FACE PLATE SHALL IDENTIFY RACK LETTER AND PORT NUMBER FOR EACH JACK.
 - PROVIDE 20% SPARE PATCH PANEL OUTLETS AND PORTS IN PATCH PANELS.
 - LABELING SCHEME SHOWN IS AN EXAMPLE. PROVIDE LABELING OF TELEDATA CABLES, PATCH PANELS, AND JACKS AS DEFINED BY OWNER IN WRITING.
 - PATCH PANEL JACK AND CABLES SHALL BE COLOR CODED AS FOLLOWS:
 - Wireless access points - white.
 - Video surveillance - green.
 - Data, phone, others - blue.



TYPICAL OCCUPANCY SENSOR SWITCHING DETAIL

NOT SCALE

NOTES: REFER TO ELECTRICAL NOTES FOR ADDITIONAL REQUIREMENTS AND SPECIFICATIONS.

- WHERE 120V AND 277V LIGHTING IS CONTROLLED BY THE SAME SENSORS PROVIDE DEDICATED POWER PACKS WIRED IN PARALLEL.

Luminaire Schedule

1. All luminaires must be listed and labeled by an NRTL, as required by the NEC.

Type	Manuf.	Model	Mounting	Description	Source	Color	CRI	Lumens	Lumen Maint	Driver	Voltage	VA	W
A	Lithonia	CPANL	Surface	2'x4' back lit fully switchable flat panel, 1.26" thick, aluminum frame, satin white lens, high efficiency driver, DLC premium, mounted on ceiling, 5 year warranty, engineer with perform final walkthrough to confirm color temperature and lumens are switched to accurate color temperature and lumens.	LED	3500K	80	4363	L70 60,000hr	0-10V dim	120V	43	36
B	Lithonia	WDGE 1 LED - E4WH	Wall Mount	Exterior architectural small wedge shape wall pack, white color or as directed by Owner, visual comfort lens, forward throw, B.U.G.> rating 0.0.0, dual switching option, battery back up, minimum emergency output at 60% lumen output, mount above door, cold weather option, 5 year warranty.	LED	4000K	90	1200	L90 100,000hr	non-dim	120V	22	18
C	CIP Lighting	GTG1201D-MPT02	Surface Mount	12" diameter round architectural fixture, die cast aluminum housing, 180 degree beam angle, anti-UV opal PC diffuser with mask grid, louvers facing inwards towards fixtures to reduce glare, engineer to verify in field. IK06, IP65, and cETL listed, integral motion sensor, white finish or as approved by owner, cold weather capable with ratings of -22F to 122F.	LED	4000K	90	2100	L70 50,000hr	0-10V 1% dim	120V	36	30
E	Barron	NXFC	Surface Mount	Single-faced ext sign, NEMA-4X white impact resistant polycarbonate housing, adjustable dual head LED MR16 lamps protected by clear polycarbonate lens, stainless steel hardware, red lettering, concealed chevron knockouts, AC or battery back-up, 90 minute emergency run time, 24 hour recharge time, listed for wet locations, cold weather capable with ratings of -4F to 122F, 5 year warranty.	LED	-	-	-	-	-	120V	15	15

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OF THE ALTERATION.

NAZARETH HIGH SCHOOL STADIUM PRESS BOX REFURBISHMENT

501 E CENTER STREET
NAZARETH, PA 18064

No.	Submittal / Revision	Appr.	By	Date
1	ADDENDUM 2	MCD	ETT	09/16/2026

DETAILS BASE BID A

Designed By: MCD	Drawn By: MCD	Checked By: MCD
Issue Date: 09/14/26	Project No.: 106040	Scale: AS SHOWN

Drawing No.:

E-701A

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GENERAL NOTES

1. THE WORK SHOWN ON THESE DRAWINGS RELATED TO NEW CONSTRUCTION HAS BEEN DESIGNED IN ACCORDANCE WITH THE STRUCTURAL REQUIREMENTS OF THE PENNSYLVANIA UNIFORM CONSTRUCTION CODE (UCC), 2021 EDITION AND THE 2021 IBC.

2. THE CONTRACTOR MUST SEQUENCE REMOVAL AND REPLACEMENT OF FINISHES THAT MAY AFFECT THE STRUCTURAL STABILITY OF THE PRESS BOX STRUCTURE TO ENSURE STABILITY IS MAINTAINED DURING CONSTRUCTION. THE CONTRACTOR MUST USE TEMPORARY BRACING IN CONJUNCTION WITH THE REMOVALS AND REPLACEMENT, AS NECESSARY, TO MAINTAIN THE STABILITY OF THE STRUCTURE.

3. IN COMPLIANCE WITH THE PROVISIONS OF THE COMMONWEALTH OF PENNSYLVANIA BUILDING CODE AND THE ASCE 7-16 CODE, THE STRUCTURAL COMPONENTS HAVE BEEN DESIGNED FOR THE FOLLOWING LOADS:

• LIVE LOADS

ROOF AREAS:
UNOCCUPIED ROOF.....20 PSF

FLOOR AREAS:
PRESS AREAS.....100 PSF
EXTERIOR DECK.....100 PSF

• DEAD LOADS

UNIFORM ROOF/FLOOR LOAD:10 PSF

• SNOW LOADS

ROOF.....35 PSF
THERMAL FACTOR, CT:1.0

• WIND LOADS

VERTICAL DESIGN WIND PRESSURE
(HEIGHT ZONE 0-100FT).....115 MPH, 16 PSF WALLS ULTIMATE

• EARTHQUAKE LOADS:

Ss = 0.177
Sds = 0.188
Sd1 = 0.078
DESIGN CATEGORY: B
- SPECIAL NOTES TO THE CONTRACTOR
1. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS OF THE EXISTING CONDITIONS BEFORE PROCEEDING WITH ANY WORK.

2. THE SCHEDULING OF ALL PHASES OF THE WORK, INCLUDING ANY TEMPORARY SERVICE OUTAGES, SHALL BE COORDINATED WITH THE OWNER.

3. ALL FINISHES OR MATERIALS DAMAGED IN THE PERFORMANCE OF THE WORK SHALL BE RESTORED TO ORIGINAL CONDITION. TEMPORARILY RELOCATED UTILITIES OR EQUIPMENT SHALL BE PUT BACK IN PROPER POSITION.

4. THE CONTRACTOR SHALL REPORT TO THE ENGINEER ANY AND ALL CONDITIONS WHICH DIFFER FROM THOSE SHOWN ON THESE DRAWINGS, OR WHICH PREVENT PERFORMANCE OF THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- STRUCTURAL STEEL NOTES:
1. DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE "SPECIFICATION FOR BUILDINGS" AND THE "CODE OF STANDARD PRACTICES FOR STEEL BUILDINGS AND BRIDGES" AS ADOPTED IN JULY 2016, BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION.

2. MATERIALS:

CHANNELS, PLATES AND ANGLES:
BOLTS:
WELDING ELECTRODE:
(CARBON STEEL TO CARBON STEEL)

ASTM A-36
ASTM F3125 GRADE A325
ASTM E 70XX LOW HYDROGEN

3. ALL WELDING SHALL CONFORM TO THE CODE FOR ARC AND GAS WELDING IN BUILDING CONSTRUCTION OF THE AMERICAN WELDING SOCIETY, AND BE PERFORMED BY A CERTIFIED WELDER IN ACCORDANCE WITH A.W.S. STANDARDS.

4. STRUCTURAL STEEL SHALL BE CLEANED IN ACCORDANCE WITH THE STEEL STRUCTURES PAINTING COUNCIL SPECIFICATION SSPC-SP2 FOR POWER TOOL CLEANING AND PAINTED TO A MINIMUM DRY FILM THICKNESS OF 2.5 MILS WITH A SHOP COAT OF "STEEL SPEC 3002 UNIVERSAL PRIMER" AS MANUFACTURED BY SHERWIN WILLIAMS, KRYLON INDUSTRIAL WELD-THRU PRIMER, OR AN APPROVED EQUAL.

5. CERTIFICATES OF COMPLIANCE ARE REQUIRED TO BE SUBMITTED TO THE ENGINEER FOR STRUCTURAL STEEL, BOLTS, NUTS, WASHERS, AND WELD FILLER MATERIAL PRIOR TO THE FABRICATION OF ANY STEEL.

6. THE CONTRACTOR MUST SUBMIT SHOP DRAWINGS TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL. SHOP DRAWINGS SHALL IDENTIFY THE DETAILS AS INDICATED ON THE DRAWINGS, LOCATIONS OF FRAMING MEMBERS IN THE PROJECT, THE SIZE AND WEIGHT OF ALL MEMBERS, AND THE METHODS OF JOINING VARIOUS COMPONENTS. THESE DRAWINGS MUST RECEIVE FINAL APPROVAL FROM THE ARCHITECT AND ENGINEER PRIOR TO FABRICATION OF THE STRUCTURAL STEEL. FAILURE TO HAVE APPROVED SHOP DRAWINGS MAY RESULT IN REJECTION OF STEEL INSTALLATION.

7. CONTRACTOR SHALL SUBMIT WRITTEN WELDING PROCEDURE SPECIFICATIONS (WPS) FOR ALL WELDING, INCLUDING PRE-QUALIFIED PROCEDURES. FAILURE TO SUBMIT THE WPS PRIOR TO ERECTION AND INSTALLATION MAY RESULT IN REJECTION OF STEEL INSTALLATION.

8. THE CONTRACTOR MUST HAVE WPS THAT COVERS EVERY WELD TO BE MADE ON THE JOB, INCLUDING THOSE OF THE ERECTOR. WPS MUST BE AVAILABLE FOR TESTING LAB INSPECTOR OR ENGINEER.

9. WPS MUST INCLUDE: WELDING PROCESS, BASE METAL THICKNESS AND STEEL GRADE OF BASE METAL AND BACKUP MATERIAL, JOINT TYPE, WELD TYPE, JOINT DESIGN DETAIL, BACKLOGGING, ELECTRODE DIAMETER, NUMBER AND POSITION OF WELD PASSES, VOLTAGE, POLARITY, PREHEAT, AND INSPECTION REQUIREMENTS. APPROVED WELDING PROCEDURES MUST BE MAINTAINED IN CLOSE PROXIMITY TO, AND USED BY THE WELDERS. THE WPS MUST BE PROPERLY FOLLOWED, AND THE WELDER MUST USE THE RIGHT TOOLS (THE CORRECT TEMPERATURE AND INDICATING CRAYON), MAINTAIN THE MINIMUM SPECIFIED PREHEAT TEMPERATURE, WELD SIZE, MINIMUM INTERPASS TEMPERATURE EXCEEDED, ELECTRODE, TRAVEL SPEED.

10. UNLESS SPECIFICALLY INDICATED OR DETAILED OTHERWISE, BOLTED CONNECTIONS ARE SNUG TIGHT JOINTS. INSTALLATION OF THESE JOINTS SHALL BE IN ACCORDANCE WITH 2014 RCSC SPECIFICATIONS FOR STRUCTURAL JOINTS.

11. ALL EXTERIOR EXPOSED STRUCTURAL STEEL, ANGLES, AND PLATES SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A53 AND A123. ALL STEEL SHALL BE THOROUGHLY CLEANED BY POWER TOOL CLEANING PRIOR TO PLATING. THE STEEL ERECTOR SHALL TOUCH UP ANY POINTS OF WELDING IN THE FIELD WITH ZINC RICH PAINT.

12. STEEL HARDWARE (BOLTS, NUTS, WASHERS ETC.) NOTED TO BE GALVANIZED SHALL CONFORM TO ASTM A153.
- ROUGH CARPENTRY
1. ALL WOOD FRAMING SHALL CONFORM TO THE NATIONAL FOREST PRODUCTS ASSOCIATION "NATIONAL DESIGN STANDARDS FOR WOOD CONSTRUCTION".

2. THE STRUCTURAL WOOD STRESS GRADE STAMPED LUMBER SHALL BE AS FOLLOWS:

a. JOISTS AND RAFTERS: (HEM FIR #2 OR BETTER)
Fb=850 PSI, Fv=150 PSI, E=1,300,000 PSI

b. STUDS: (HEM FIR #2 OR BETTER)
Fc=1300 PSI, Fv=150 PSI, E=1,300,000 PSI

c. POSTS: (DOUGLAS- FIR- LARCH -SELECT STRUCTURAL)
Fb=1,600 PSI, Fc=1100 PSI, E=1,600,000 PSI

3. MICROLAM "LVL" HEADERS AND BEAMS SHALL BE MANUFACTURED BY TRUS JOIST CORPORATION AND SHALL HAVE A MODULUS OF ELASTICITY OF 2,000,000 PSI. A MINIMUM ALLOWABLE BENDING STRESS OF 2,600 PSI, AN ALLOWABLE COMPRESSION PERPENDICULAR TO GRAIN OF 750 PSI, AND AN ALLOWABLE HORIZONTAL SHEAR OF 285 PSI. MEMBERS SPECIFIED AS 3 1/2" WIDE MAY BE COMPOSED OF (2) 1 3/4" WIDE MEMBERS INSTALLED IN STRICT CONFORMANCE WITH THE MANUFACTURERS RECOMMENDATIONS.

4. THE SUBSTITUTION OF ANOTHER MANUFACTURER'S ENGINEERED LUMBER IS NOT ACCEPTABLE WITHOUT PRIOR WRITTEN APPROVAL BY THE ENGINEER OF RECORD (E.O.R.). INSTALLATION OF ANY OTHER MATERIAL WITHOUT APPROVAL IS SUBJECT TO REJECTION BY THE E.O.R. AND REPLACEMENT BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.

5. STRUCTURAL WOOD FRAMING USED IN EXTERIOR APPLICATIONS SHALL BE SOUTHERN YELLOW PINE, NO. 2 OR BETTER, ACQ PRESERVATIVE PRESSURE TREATED WOOD.

6. FLUSH-FRAMED CONNECTIONS SHALL BE MADE WITH PREFABRICATED GALVANIZED STEEL HANGERS OF WIDTH AND DEPTH APPROPRIATE FOR THE SUPPORTED MEMBER. INSTALL WITH THE TYPE AND QUANTITY OF FASTENERS RECOMMENDED BY THE MANUFACTURER.

7. BUILT-UP MEMBERS SHALL HAVE ADJACENT PLIES NAILED TOGETHER WITH A MIN. OF TWO ROWS OF NAILS AT 1'-0" O/C (10d COMMON NAILS FOR 1 1/2" PLIES, 12d COMMON NAILS FOR 1 3/4" PLIES), UNLESS DETAILED OTHERWISE.

8. UNLESS NOTED OTHERWISE, ALL LUMBER SHALL BE NAILED IN ACCORDANCE WITH THE PENNSYLVANIA 2021 UNIFORM CONSTRUCTION CODE.

9. PROVIDE TWO STUDS AT EACH END OF ALL FLUSH FRAMED HEADERS OR BEAMS, UNLESS MORE IS INDICATED ON PLAN. PROVIDE ONE JACK STUD AND ONE FULL STUD AT EACH END OF ALL DROPPED HEADERS OR BEAMS, UNLESS MORE IS INDICATED ON PLAN.

10. BASIS OF DESIGN FOR WOOD CONSTRUCTION CONNECTIONS IS SIMPSON STRONG-TIE. ENGINEERING DOCUMENTATION FOR ALTERNATE MANUFACTURER'S CONNECTORS MUST BE SUBMITTED TO THE E.O.R. FOR WRITTEN APPROVAL PRIOR TO USE.
- PLYWOOD SHEATHING NOTES
1. PLYWOOD SHALL CONFORM TO U.S. PRODUCTS STANDARD PS-1, AND BEAR THE APA GRADE-TRADEMARK OF THE AMERICAN PLYWOOD ASSOCIATION.

2. PLYWOOD SHEATHING FOR FLOORS, ROOFS, AND WALLS SHALL BE APA GRADED C-D, EXPOSURE 1. ALL FLOOR AND ROOF SHEATHING TO BE 3/4" (23/32"). FLOOR SHEATHING SHALL BE TONGUE AND GROOVE (T&G). WALL SHEATHING TO BE 1/2" (15/32"), U.N.O. ON DRAWINGS (TYPICAL).

3. WOOD SHEATHING SHALL BE INSTALLED WITH THE LONG DIMENSION OF THE PANEL ACROSS SUPPORTS AND CONTINUOUS OVER TWO OR MORE SPANS.

4. LAY-UP ROOF PLYWOOD WITH FACE GRAIN PERPENDICULAR TO SUPPORTS. STAGGER JOINTS AND INSTALL BLOCKING AT ALL EDGES.

5. FASTEN ROOF, WALLS, AND FLOOR PLYWOOD AT EDGES, BOUNDARIES AND INTERMEDIATE SUPPORTS PER THE FOLLOWING SCHEDULE:
- | FASTENER SCHEDULE | |
|--|------------------|
| FASTENER LOCATION | FASTENER SPACING |
| DIAPHRAGM BOUNDARY | 8" OC |
| CONTINUOUS PANEL EDGE | 8" OC |
| OTHER PANEL EDGE | 8" OC |
| INTERMEDIATE STUDS/
RAFTERS / TRUSSES | 12" OC |
- NOTES:

1. TYPICAL MINIMUM PENETRATION OF NAILS SHALL BE 1 5/8" INTO FRAMING.

2. TYPICAL NAIL SIZE AT EXISTING FRAMING SHALL BE 10d NAILS, U.N.O.

3. PROVIDE 2"x4" FLAT BLOCKING BETWEEN ROOF TRUSSES AT ALL ROOF PANEL JOINTS.
- ABBREVIATIONS
- | | | | | | |
|----------|----------------------------|---------|------------------------------------|---------|--------------------------|
| # | NUMBER, POUND | LG | LENGTH / LONG | WBL | WOOD BLOCKING |
| @ | AT | LL | LIVE LOAD | WJ | WALL JOINT |
| | DEGREE | LLBB | LONG LEG BACK TO BACK | WF | WALL FOOTING |
| | | LLH | LONG LEG HORIZONTAL | WP | WORKING POINT |
| ADDL | ADDITIONAL | LLV | LONG LEG VERTICAL | WS | WALL STEP |
| ADH | ADHESIVE | LNTL | LINTEL | WWR | WELED WIRE REINFORCEMENT |
| ADJ | ADJACENT | LONG | LONGITUDINAL | | |
| AFF | ABOVE FINISHED FLOOR | LPT | LOW POINT | X BRACE | CROSS BRACE |
| AHR | ANCHOR | LSH | LONG SIDE HORIZONTAL | XS | EXTRA STRONG |
| ALT | ALTERNATE | LSLT | LONG SLOT | XXS | DOUBLE EXTRA STRONG |
| ALUM | ALUMINUM | LSV | LONG SIDE VERTICAL | | |
| APPROX | APPROXIMATE | LT WT | LIGHTWEIGHT | | |
| AR | ANCHOR ROD | LW | LONG WAY | | |
| ARCH | ARCHITECT | | | | |
| | | MAX | MAXIMUM | | |
| B/B | BACK TO BACK | MECH | MECHANICAL | | |
| BEV | BEVEL | MEP | MECHANICAL - ELECTRICAL - PLUMBING | | |
| BLDG | BUILDING | MFD | MANUFACTURED | | |
| BLKG | BLOCKING | MFG | MANUFACTURING | | |
| BO | BOTTOM OF | MFR | MANUFACTURER | | |
| BOS | BOTTOM OF STEEL | MIN | MINIMUM | | |
| BOT | BOTTOM | MO | MASONRY OPENING | | |
| BP | BASE PLATE | MTL | METAL | | |
| BRDG | BRIDGING | | | | |
| BRG | BEARING | N/A | NOT APPLICABLE | | |
| BSMT | BASEMENT | NIC | NOT IN CONTRACT | | |
| | | NOM | NOMINAL | | |
| CANTL | CANTILEVER | NS | NEAR SIDE | | |
| CFMF | COLD-FORMED METAL FRAMING | NTS | NOT TO SCALE | | |
| CHFR | CHAMFER | NWT | NORMAL WEIGHT | | |
| CJ | CONTROL JOINT | | | | |
| CJP | COMPLETE JOINT PENETRATION | OC | ON CENTER | | |
| CL | CENTER LINE | OD | OUTSIDE DIAMETER | | |
| CLKJ | CAULKED JOINT | OF | OUTSIDE FACE | | |
| CLR | CLEAR | OPNG | OPENING | | |
| CMU | CONCRETE MASONRY UNIT | OPP | OPPOSITE | | |
| CO | CLEAN OUT | OVS | OVERSIZE | | |
| COL | COLUMN | | | | |
| CONC | CONCRETE | PAF | POWDER ACTUATED FASTENER | | |
| CONN | CONNECT | PAR | PARALLEL | | |
| CONST JT | CONSTRUCTION JOINT | PCC | PRECAST CONCRETE | | |
| CONT | CONTINUOUS | PCF | POUND PER CUBIC FOOT | | |
| COORD | COORDINATE | PEMB | PRE ENGINEERED METAL BUILDING | | |
| CSK | COUNTER SUNK | PERP | PERPENDICULAR | | |
| CU FT | CUBIC FEET | PJP | PARTIAL JOINT PENETRATION | | |
| CU YD | CUBIC YARD | PL | PLATE | | |
| | | PLAT | PLATFORM | | |
| DBL | DOUBLE | PLMB | PLUMBING | | |
| DEMO | DEMOLITION | PLF | POUNDS PER LINEAR FOOT | | |
| DET | DETAIL | PREFAB | PREFABRICATED | | |
| DIA | DIAMETER | PRELIM | PRELIMINARY | | |
| DIM | DIMENSION | PROJ | PROJECTION | | |
| DJ | DOWEL JOINT | PSF | POUNDS PER SQUARE FOOT | | |
| DL | DEAD LOAD | PSI | POUNDS PER SQUARE INCH | | |
| DN | DOWN | PT | PRESSURE TREATED | | |
| DWG | DRAWING | PUR | PURLINS | | |
| | | PVG | PAVING | | |
| EA | EACH | | | | |
| EE | EACH END | QA | QUALITY ASSURANCE | | |
| EF | EACH FACE | QC | QUALITY CONTROL | | |
| EJ | EXPANSION JOINT | QTY | QUANTITY | | |
| EL | ELEVATION | | | | |
| ELEC | ELECTRICAL | R | RADIUS | | |
| EOD | EDGE OF DECK | RD | ROOF DRAIN | | |
| EOS | EDGE OF SLAB | RDG INS | RIGID INSULATION | | |
| EPS | EXPANDED POLYSTYRENE | REF | REFERENCE | | |
| EQ | EQUAL | REINF | REINFORCING | | |
| EQUIP | EQUIPMENT | REM | REMAINDER | | |
| EW | EACH WAY | REQD | REQUIRED | | |
| EXP | EXPANSION | RET | RETRAINING | | |
| EXST | EXISTING | REV | REVISION | | |
| EXT | EXTERIOR | RH | ROOF HATCH | | |
| | | RND | ROUND | | |
| FAB | FABRICATE | RO | ROUGH OPENING | | |
| FBO | FURNISHED BY OTHERS | | | | |
| FD | FLOOR DRAIN | SC | SLIP CONTROL | | |
| FDTN | FOUNDATION | SCHED | SCHEDULE | | |
| FLR | FLOOR | SECT | SECTION | | |
| FOM | FACE OF MASONRY | SF | SQUARE FEET/FOOT | | |
| FRMG | FRAMING | SHT | SHEET | | |
| FS | FOOTING STEP | SIM | SIMILAR | | |
| FT | FOOT | SOG | SLAB ON GROUND | | |
| FTG | FOOTING | SPA | SPACE(S) | | |
| FW | FIRE WALL | SPEC | SPECIFICATION | | |
| | | SQ | SQUARE | | |
| GA | GAGE | SSLT | SHORT SLOT | | |
| GALV | GALVANIZED | SST | STAINLESS STEEL | | |
| GC | GENERAL CONTRACTOR | STA | STATION | | |
| GDR | GUARD RAIL | STD | STANDARD | | |
| GR BM | GRADE BEAM | STL | STEEL | | |
| | | STRUCT | STRUCTURAL | | |
| HNDRL | HANDRAIL | SW | SHEAR WALL OR SHORT WAY | | |
| HORIZ | HORIZONTAL | | | | |
| HP | HIGH POINT | T&B | TOP AND BOTTOM | | |
| | | TD | TRENCH DRAIN | | |
| ID | INSIDE DIAMETER | TEMP | TEMPORARY | | |
| IF | INSIDE FACE | THK | THICKNESS | | |
| IN | INCHES | THRD | THREADED ROD | | |
| INFO | INFORMATION | THRU | THROUGH | | |
| INSUL | INSULATION | TO | TOP OF | | |
| INV | INVERT | TOC | TOP OF CONCRETE | | |
| ISO JT | ISOLATION JOINT | TOFTG | TOP OF FOOTING | | |
| | | TOS | TOP OF STEEL | | |
| JBE | JOIST BEARING ELEVATION | TOSL | TOP OF SLAB | | |
| JT | JOINT | TOW | TOP OF WALL | | |
| | | TYP | TYPICAL | | |
| K | KIPS | | | | |
| K-FT | KIP FEET | UNEX | UNEXCAVATED | | |
| KB | KNEE BRACE | UNO | UNLESS NOTED OTHERWISE | | |
| KO | KNOCKOUT | | | | |
| KPL | KICK PLATE | VERT | VERTICAL | | |
| KSF | KIPS PER SQUARE FOOT | VIF | VERIFY IN FIELD | | |
| KWY | KEY WAY | VR | VAPOR RETARDER | | |
| | | | | | |
| LB(S) | POUND(S) | W/ | WITH | | |
| LD BRG | LOAD BEARING | W/O | WITHOUT | | |
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Bethlehem, PA 18018
610.865.3000 - www.chasolutions.com
- NAZARETH AREA
SCHOOL DISTRICT
- BID SET
- IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER, REVISION, OR OTHERWISE MODIFY THE SEAL OR STAMP OF A LICENSED PROFESSIONAL. IF THE SEAL OR STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION, ALTERED BY FOLLOWING BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.
- NAZARETH HIGH SCHOOL
- 501 E CENTER STREET
NAZARETH, PA 18064
- | No. | Submittal / Revision | Appr | By | Date |
|---|----------------------|------|----|----------|
|  | ADDENDUM | PG | BG | 09/16/26 |
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| | | | | |
- PRESS BOX
REFURBISHMENT
BASE BID A
- | | | |
|--------------|--------------|-------------|
| Designed By: | Drawn By: | Checked By: |
| MLP | BEG | PMG |
| Issue Date: | Project No.: | Scale: |
| 09/14/26 | 106040 | NOTED |
-  2

Drawing No.:
S-0.01A

NAZARETH AREA
SCHOOL DISTRICT

BID SET

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE
ACTIVE, UNDER THE DIRECTION OF A LICENSED PROFESSIONAL
ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND
SURVEYOR TO ALTER, REPRODUCE, REUSE, REPEAT, REPLICATE, RE-
STAMP, OR ALTER THE STAMP OF A LICENSED PROFESSIONAL IN ANY MANNER. THE
STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING
PROFESSIONAL, ARCHITECT, LANDSCAPE ARCHITECT OR LAND
SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE
NOTATION, ALTERED BY FOLLOWING BY THEIR SIGNATURE, THE
DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION
OF THE ALTERATION.

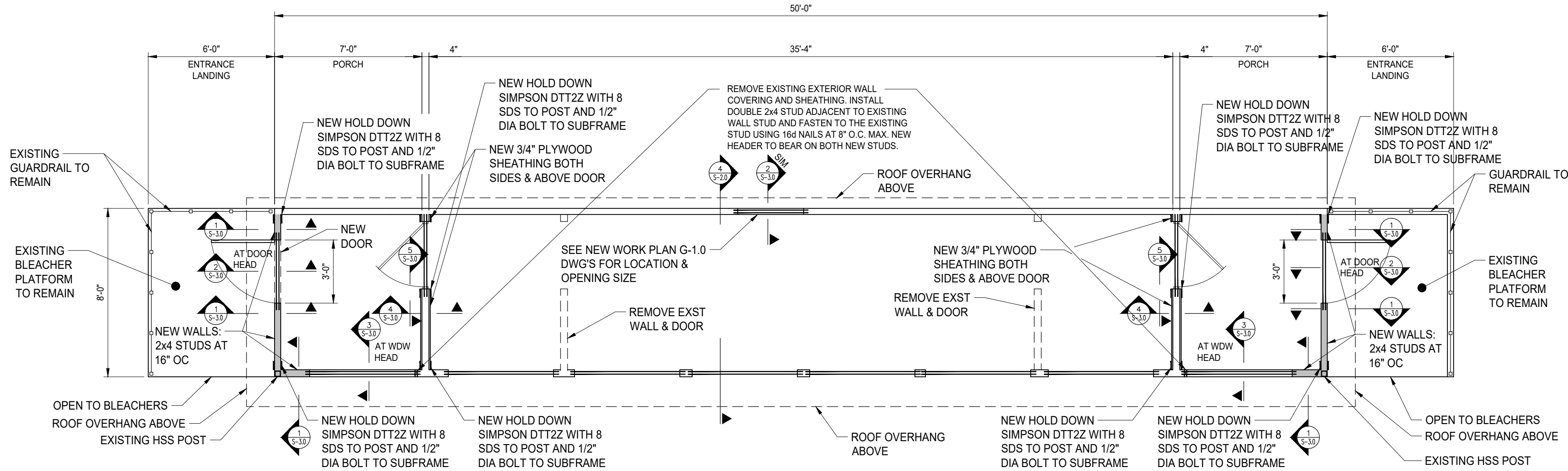
NAZARETH HIGH SCHOOL
501 E CENTER STREET
NAZARETH, PA 18064

No.	Submittal / Revision	Appr	By	Date
1	ADDENDUM	PG	BG	09/16/26

PRESS BOX
REFURBISHMENT
PLANS AND
ELEVATIONS
BASE BID A

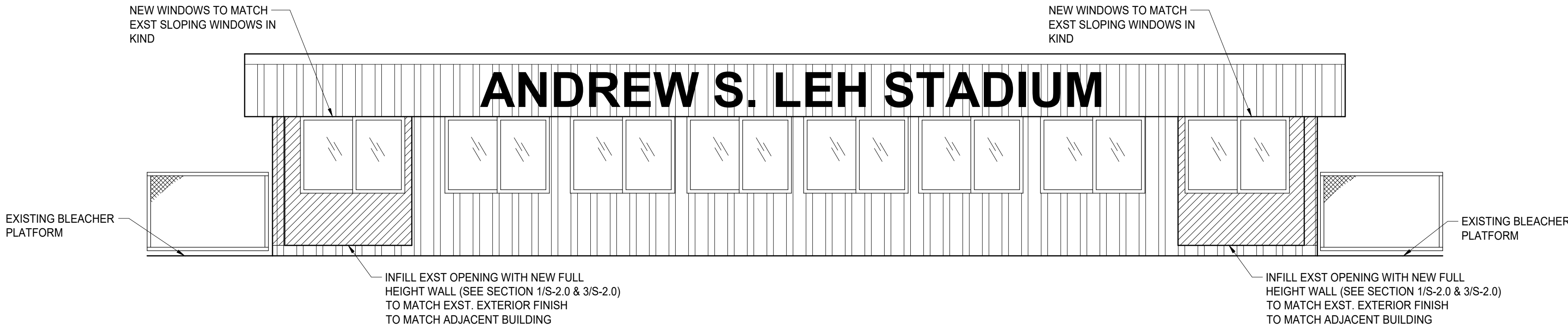
Designed By:	Drawn By:	Checked By:
MLP	BEG	PMG
Issue Date:	Project No.:	Scale:
09/14/26	106040	NOTED

Drawing No.:
S-1.0A



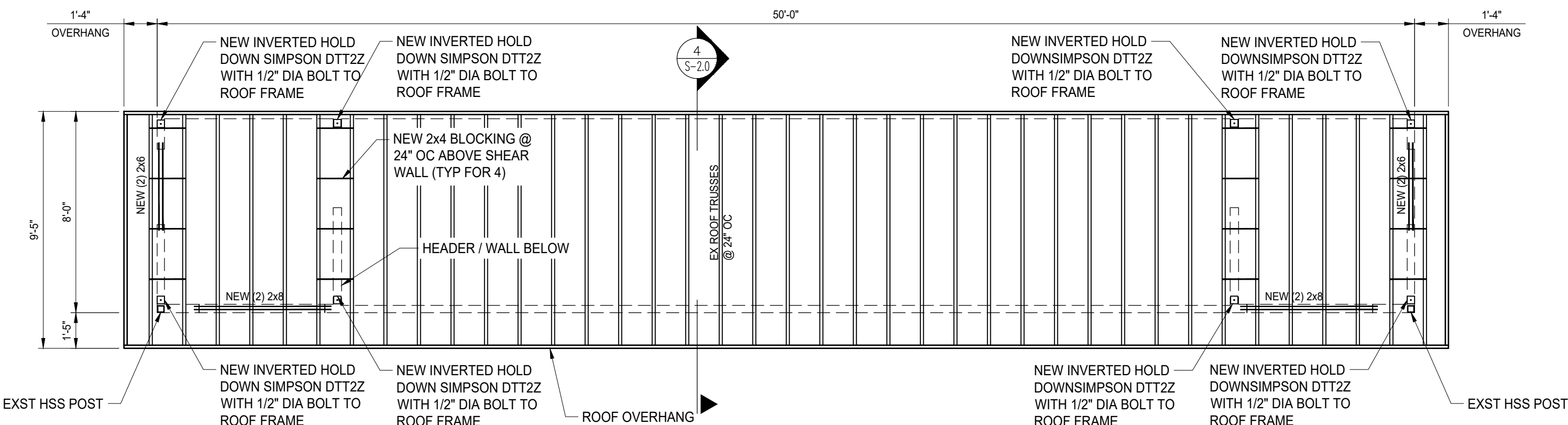
1
S-1.0 NAZARETH HIGH SCHOOL PRESS BOX - FLOOR PLAN
SCALE: 1/4"=1'-0"

- NOTES:
- ALL SHOWN IS EXISTING UNLESS NOTED OTHERWISE.
 - REFER TO DRAWING S-0.01 FOR GENERAL STRUCTURAL NOTES.
 - DIMENSIONS AND ELEVATIONS ARE SHOWN FOR CONVENIENCE ONLY. CONTRACTOR SHALL FIELD VERIFY AND COORDINATE WITH NEW WORK DRAWINGS ALL DIMENSIONS AND ELEVATIONS PRIOR TO FABRICATION OR START OF CONSTRUCTION.
 - JOIST QUANTITIES AND LAYOUT REPRESENT DESIGN INTENT ONLY. ACTUAL QUANTITIES, SPACING AND LAYOUT MUST BE FIELD VERIFIED WITH ACTUAL CONDITIONS AND DIMENSIONS AND ADJUSTED AS NECESSARY.
 - FOR REFURBISHMENT REPAIRS SEE DRAWING S-2.0 FOR UNIT PRICE DESCRIPTIONS.
 - DENOTES NEW 2x4 STUD WALL.



2
S-1.0 NAZARETH HIGH SCHOOL PRESS BOX - FIELD ELEVATION
SCALE: 1/4"=1'-0"

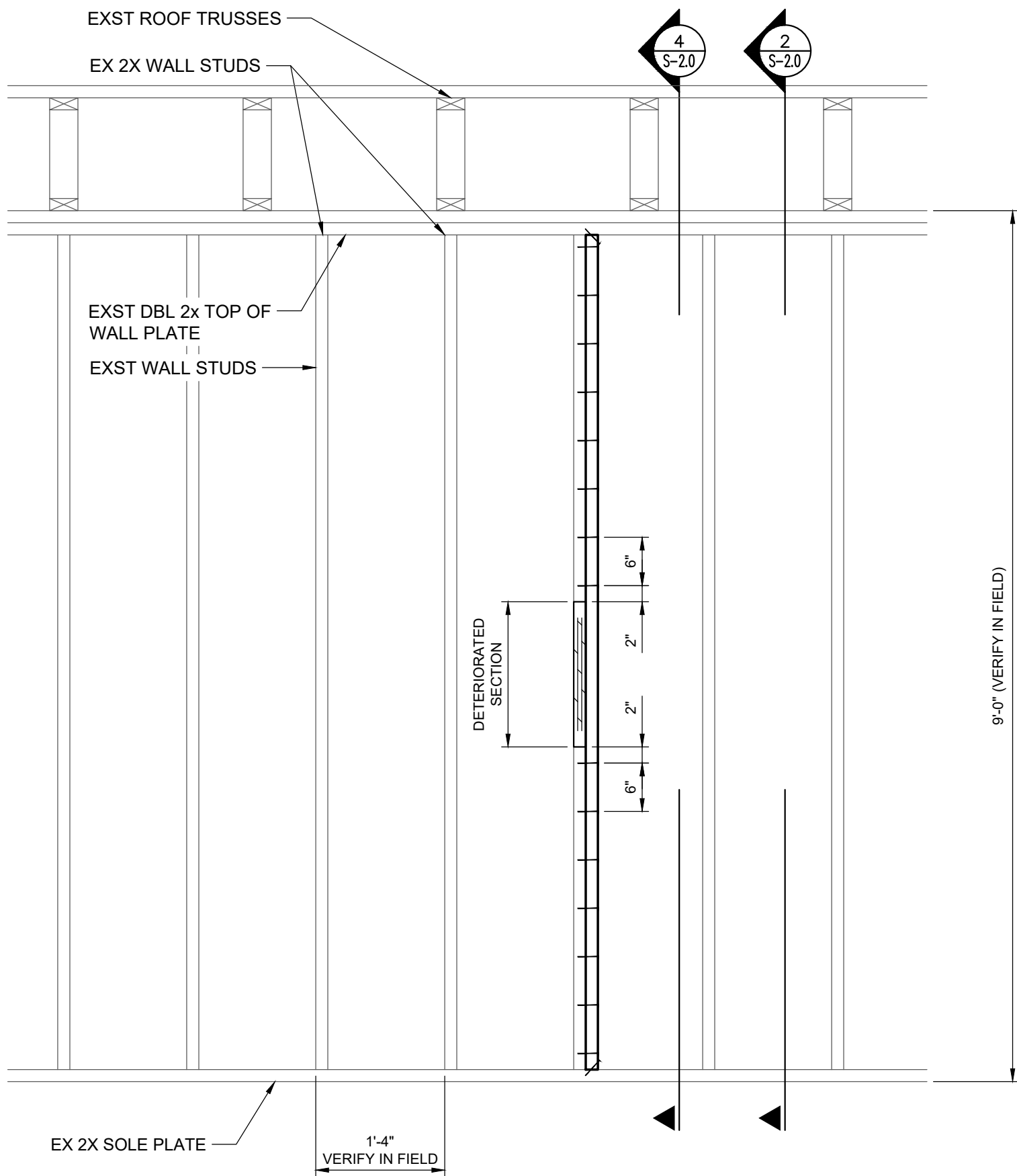
- NOTES:
- ALL SHOWN IS EXISTING UNLESS NOTED OTHERWISE.
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 - FOR REFURBISHMENT REPAIRS SEE DRAWING S-2.0 FOR UNIT PRICE DESCRIPTION.



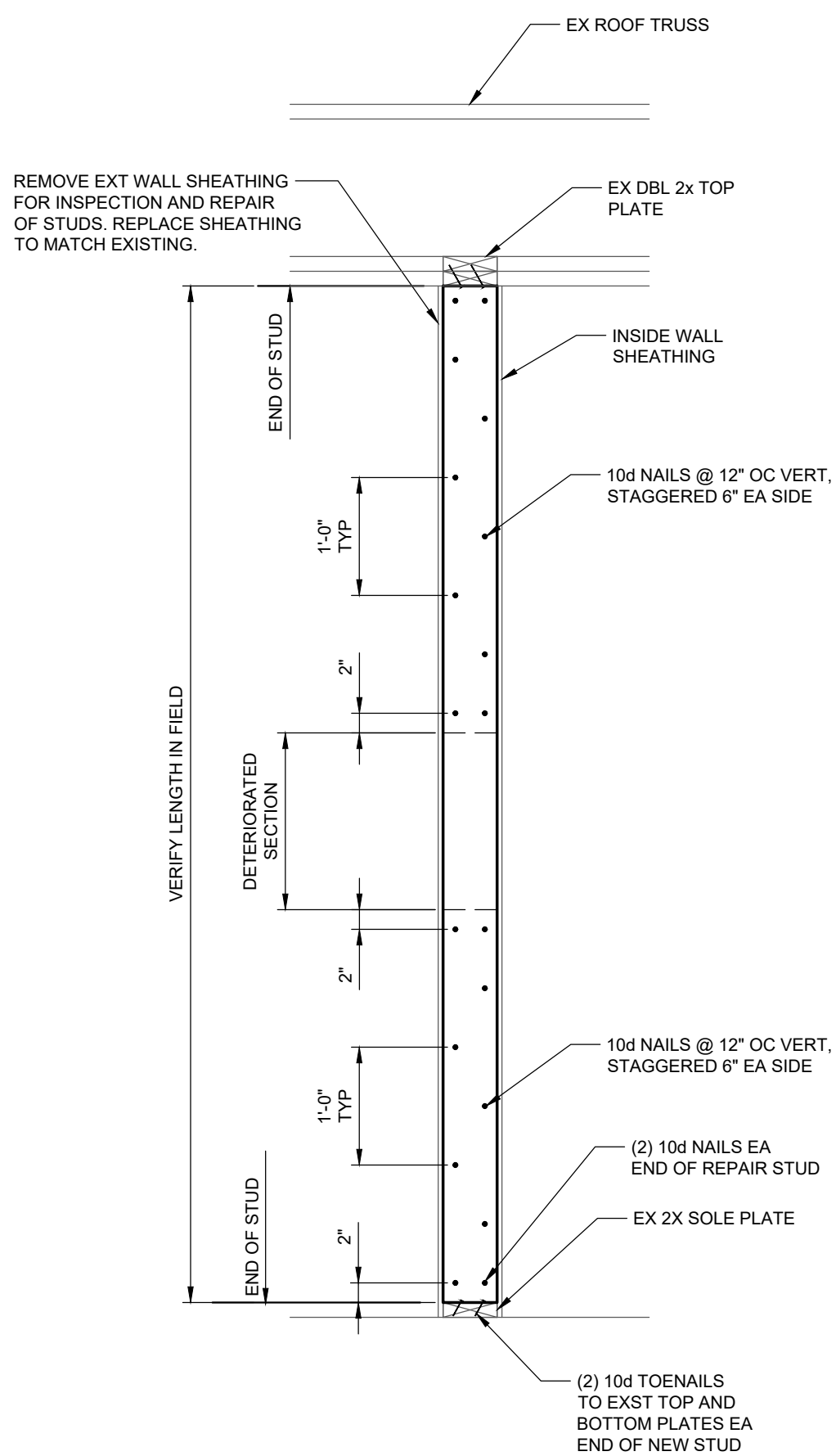
3
S-1.0 NAZARETH HIGH SCHOOL PRESS BOX - ROOF FRAMING PLAN
SCALE: 1/4"=1'-0"

- NOTES:
- ALL SHOWN IS EXISTING UNLESS NOTED OTHERWISE.
 - REFER TO DRAWING S-0.01 FOR GENERAL STRUCTURAL NOTES.
 - DIMENSIONS AND ELEVATIONS ARE SHOWN FOR CONVENIENCE ONLY. CONTRACTOR SHALL FIELD VERIFY AND COORDINATE WITH NEW WORK DRAWINGS ALL DIMENSIONS AND ELEVATIONS PRIOR TO FABRICATION OR START OF CONSTRUCTION.
 - JOIST QUANTITIES AND LAYOUT REPRESENT DESIGN INTENT ONLY. ACTUAL QUANTITIES, SPACING AND LAYOUT MUST BE FIELD VERIFIED WITH ACTUAL CONDITIONS AND DIMENSIONS AND ADJUSTED AS NECESSARY.
 - FOR REFURBISHMENT REPAIRS SEE DRAWING S-2.0 FOR UNIT PRICE DESCRIPTION.

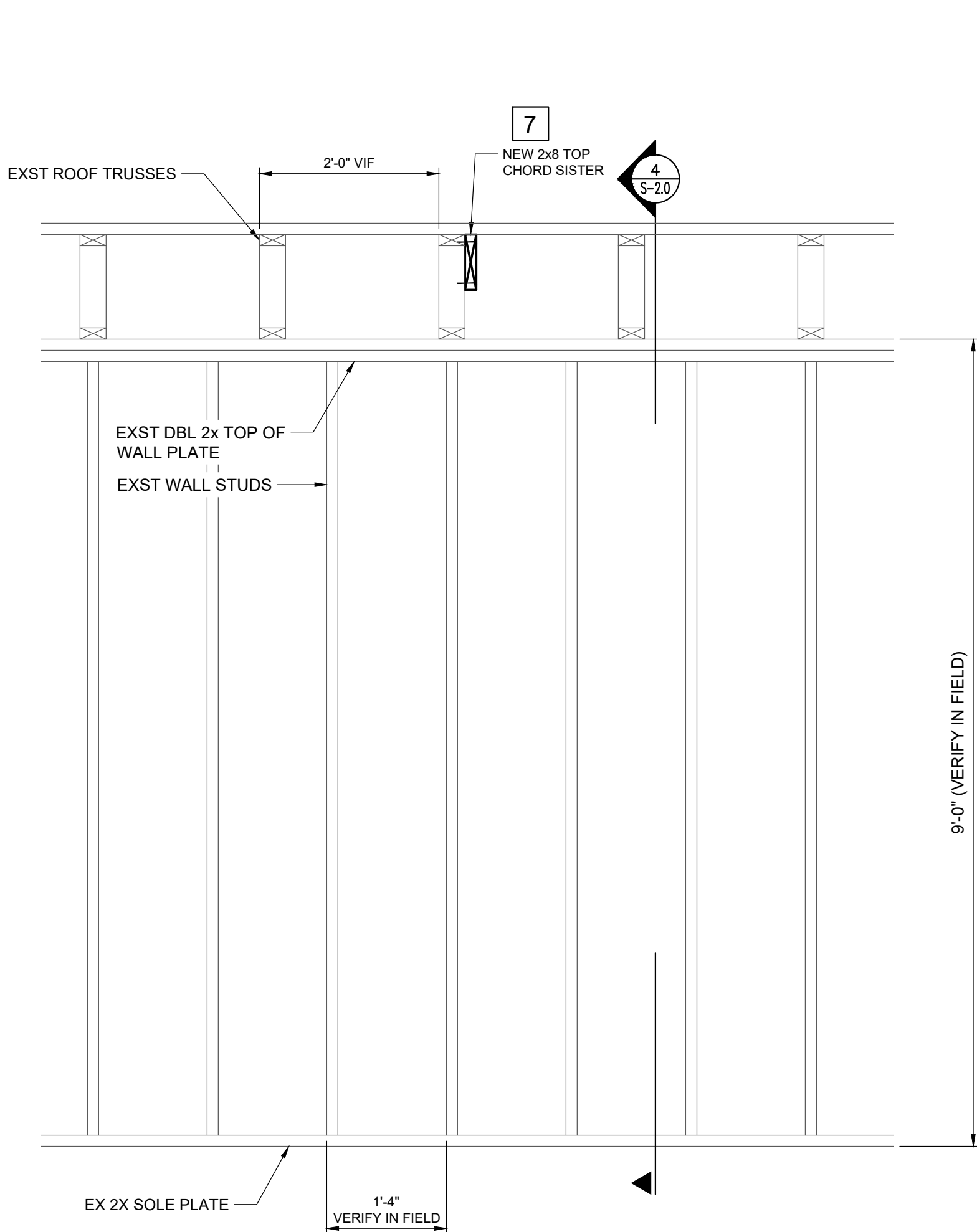
File: V:\PROJECTS\ANY\7106040.000\09 - DESIGN\DRAWINGS\STRUCS-501 - TYPICAL STUD REPAIR ELEVATION DETAIL.DWG
Saved: 9/17/2024 11:50:18 AM Plotted: 9/17/2024 11:50:18 AM Current User: Harrison, Tom Last Saved By: 9302



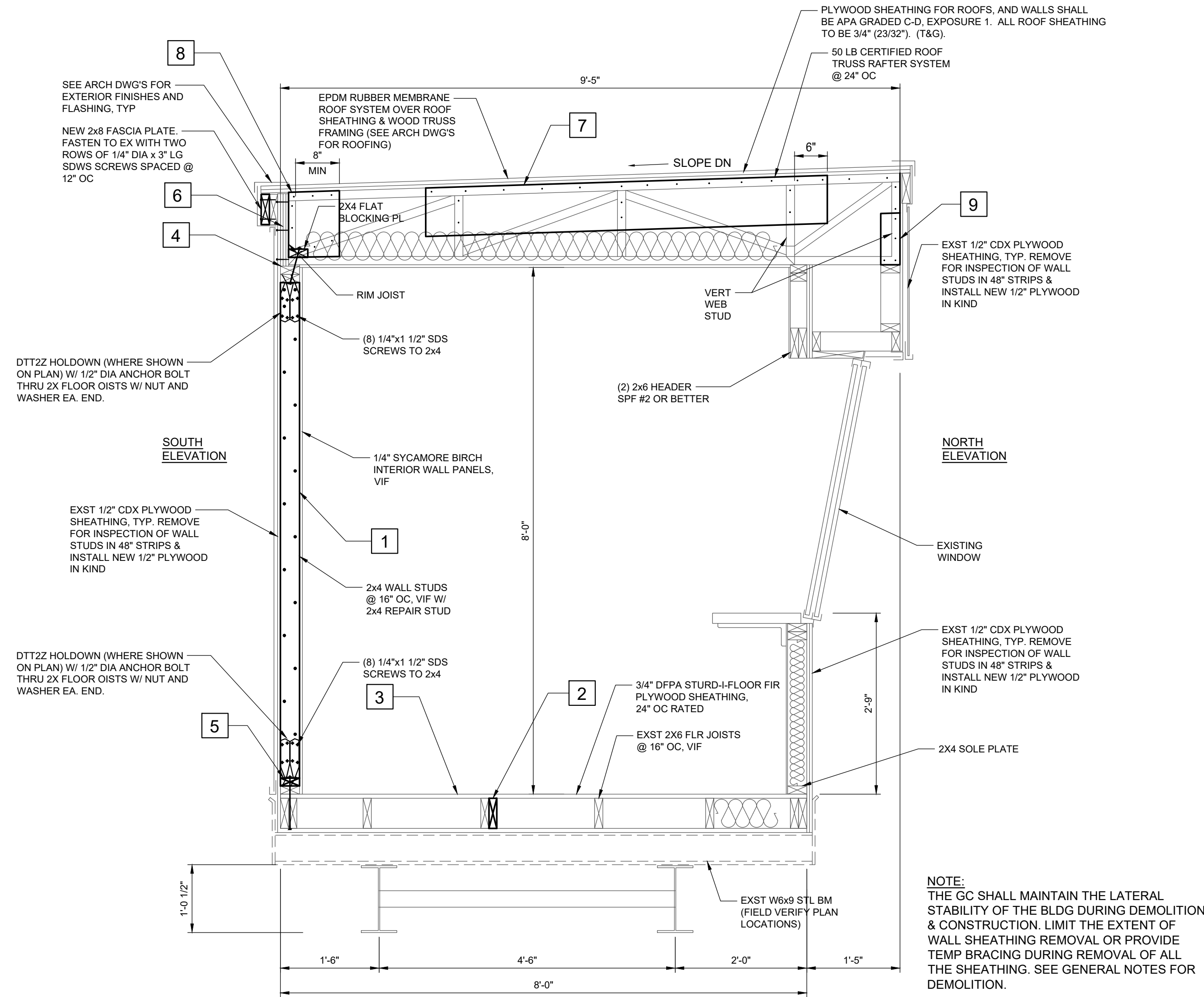
1 TYPICAL STUD REPAIR ELEVATION DETAIL
3/4" = 1'-0"



2 TYPICAL STUD REPAIR DETAIL NAILING PATTERN
3/4" = 1'-0"



3 TYPICAL TRUSS REPAIR ELEVATION DETAIL
3/4" = 1'-0"



4 TYPICAL REPAIR SECTION
3/4" = 1'-0"

UNIT PRICE REPAIR DESCRIPTIONS AND LEGEND

- 1 WALL STUD: QUANTITY OF "1" FOR UNIT COST
WHERE EXISTING WALL STUDS ARE DAMAGED OR DETERIORATED, REINFORCE BY ADDING A NEW 2X4 STUD AGAINST THE EXISTING DETERIORATED STUD. THE NEW 2X4 STUD SHALL HAVE THE SAME LENGTH AS THE ADJACENT STUD. TOENAIL TO TOP AND BOTTOM PLATES WITH (2) 10d NAILS EACH END. FASTEN TO DAMAGED STUD WITH (2) ROWS OF 10d COMMON NAILS SPACED AT 12" O.C., STAGGERED EACH SIDE. AND SET 1 1/2" IN FROM BOTH EDGES OF STUD. PROVIDE (2) 10d COMMON NAILS AT THE TOP AND BOTTOM OF THE STUD SET 2" FROM THE ENDS.
- 2 FLOOR JOISTS: QUANTITY OF "1" FOR UNIT COST
WHERE EXISTING FLOOR JOISTS ARE DAMAGED, REINFORCE BY ADDING A NEW 2X6 JOIST AGAINST THE EXISTING JOIST. THE NEW 2X6 JOISTS MUST BEAR ACROSS THE FULL WIDTH OF THE EXISTING STEEL BEAMS. FASTEN THE NEW JOISTS TO EXISTING WITH TWO ROWS OF 10d COMMON NAILS SPACED AT 12" ON CENTER, 1-1/2" DOWN FROM TOP AND 1-1/2" UP FROM BOTTOM OF JOISTS.
- 3 FLOOR SHEATHING: QUANTITY OF 20 SQ FT PER 1 UNIT (2'-8" x 7'-6")
WHERE EXST FLOOR SHEATHING IS DAMAGED / DETERIORATED, REMOVE EXISTING FLOOR SHEATHING TO CENTERLINE OF EXISTING FLOOR JOIST. NEW SHEATHING TO BEAR ONTO EXISTING JOIST. FASTEN EDGES OF SHEATHING (NEW AND EXISTING, AS NEEDED) TO EXISTING JOIST WITH 8d COMMON NAILS AT 6" ON CENTER.
- 4 TOP PLATE: QUANTITY OF 4'-0" LINEAL FEET PER 1 UNIT
IF DETERIORATED OR DAMAGED, REPLACE IN KIND. OFFSET SPICE 24" MINIMUM AT TOP PLATE.
- 5 BOTTOM/SOLE PLATE: QUANTITY OF 1'-4" LINEAL FEET PER 1 UNIT
IF DETERIORATED OR DAMAGED, REPLACE IN KIND. OFFSET SPICE BETWEEN STUDS WITH BLOCK AT TOP BETWEEN STUDS.
- 6 RIM JOIST: QUANTITY OF 2'-0" LINEAL FEET PER 1 UNIT
IF DETERIORATED OR DAMAGED, REPLACE IN KIND. SPLICE RIM JOIST AT TRUSS LOCATIONS. FASTEN RIM JOISTS (NEW AND EXISTING, AS NEEDED) TO EXISTING TRUSSES WITH (3) 1/4" DIA x 4" LNG SDS SCREWS AT EACH TRUSS.
- 7 ROOF TRUSS TOP CHORD: QUANTITY OF 2'-8" LONG PER 1 UNIT
WHERE EXISTING ROOF TRUSS TOP CHORDS ARE DAMAGED OR DETERIORATED, REINFORCE BY ADDING A NEW 2X8 TOP CHORD AGAINST THE EXISTING DETERIORATED TOP CHORD. SPAN 2x8 ACROSS TWO VERTICAL MEMBERS. FASTEN TO EXISTING W/ 1/4" DIA SDS x 3" LONG & SPACED @ 6" OC TO ALL EXST MEMBERS.
- 8 ROOF TRUSS END BEARING (SOUTH ELEVATION): QUANTITY OF "1" FOR UNIT COST
WHERE EXISTING ROOF TRUSS END BEARING IS DAMAGED OR DETERIORATED, REINFORCE BY ADDING A NEW 3/4" PLYWOOD PLATE. FASTENED TO THE EXISTING DETERIORATED TRUSS ON BOTH FACES. THE NEW PLYWOOD PLATES SHALL BE THE FULL DEPTH OF THE TRUSS AND EXTEND INBOARD OF THE DETERIORATION A MINIMUM OF 8" PAST THE END WEB STUD AND FASTENED TO THE TRUSS WITH 10d NAILS SPACED AT 6" O.C. ALONG THE TOP & BOTTOM CHORDS, AND (2) 10d COMMON NAILS ALONG THE VERTICAL WEB STUD.
- 9 ROOF TRUSS SHEATHING (NORTH ELEVATION): QUANTITY OF 10 SQ FT PER 1 UNIT (2'-6" x 4'-0")
WHERE EXISTING NORTH SHEATHING IS DAMAGED OR DETERIORATED, REPLACE IN KIND. SPLICE NEW SHEATHING AT CENTERLINES OF EXISTING TRUSS LOCATIONS. FASTEN EDGES OF SHEATHING (NEW AND EXISTING, AS NEEDED) TO EXISTING TRUSSES WITH 8d COMMON NAILS AT 6" ON CENTER.

NAZARETH AREA
SCHOOL DISTRICT

BID SET

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION: "ALTERED BY: FOLLOWING IS THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."

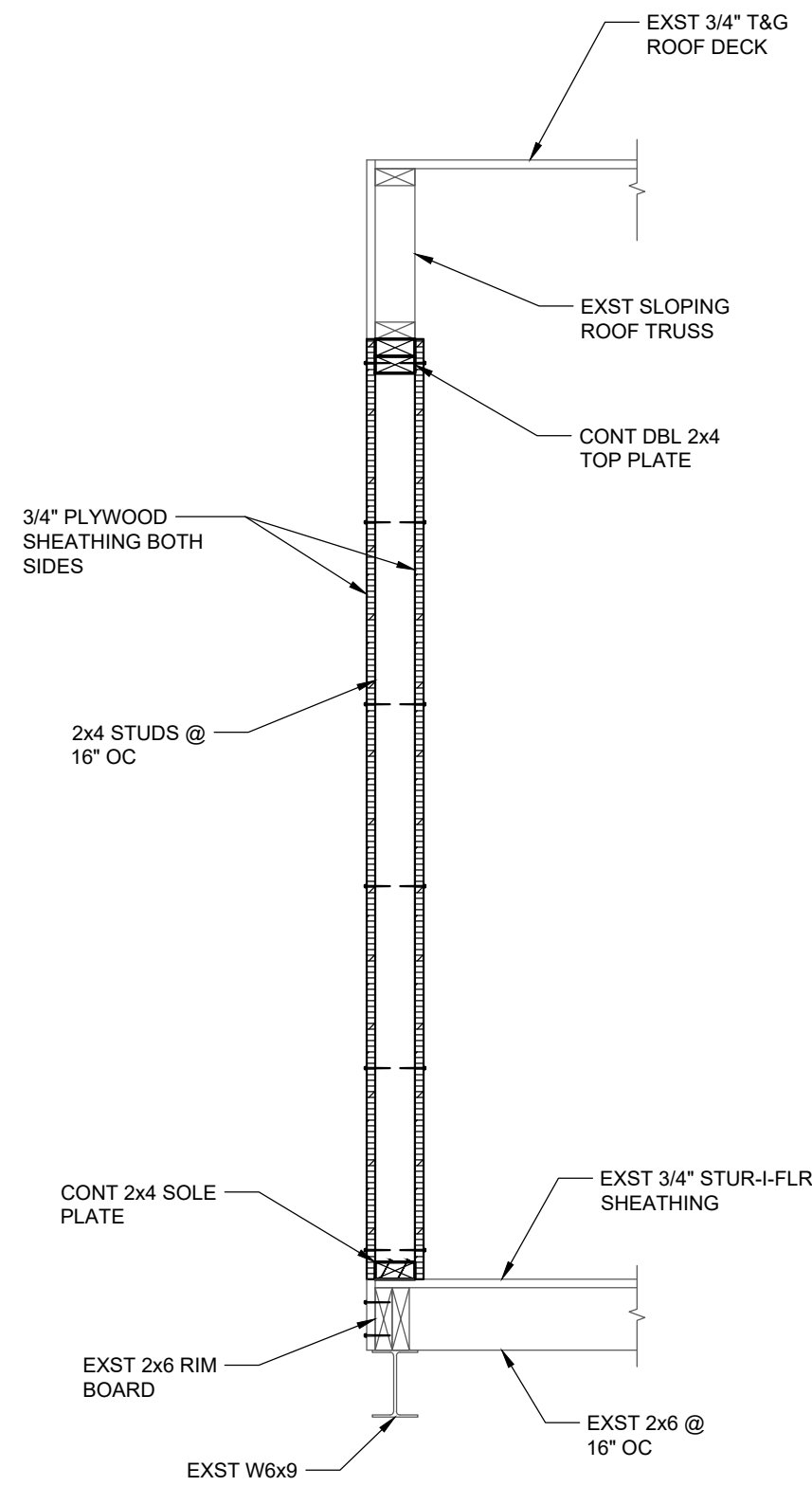
NAZARETH HIGH SCHOOL
501 E CENTER STREET
NAZARETH, PA 18064

No.	Submittal / Revision	Appr	By	Date
1	ADDENDUM	PG	BG	09/16/26

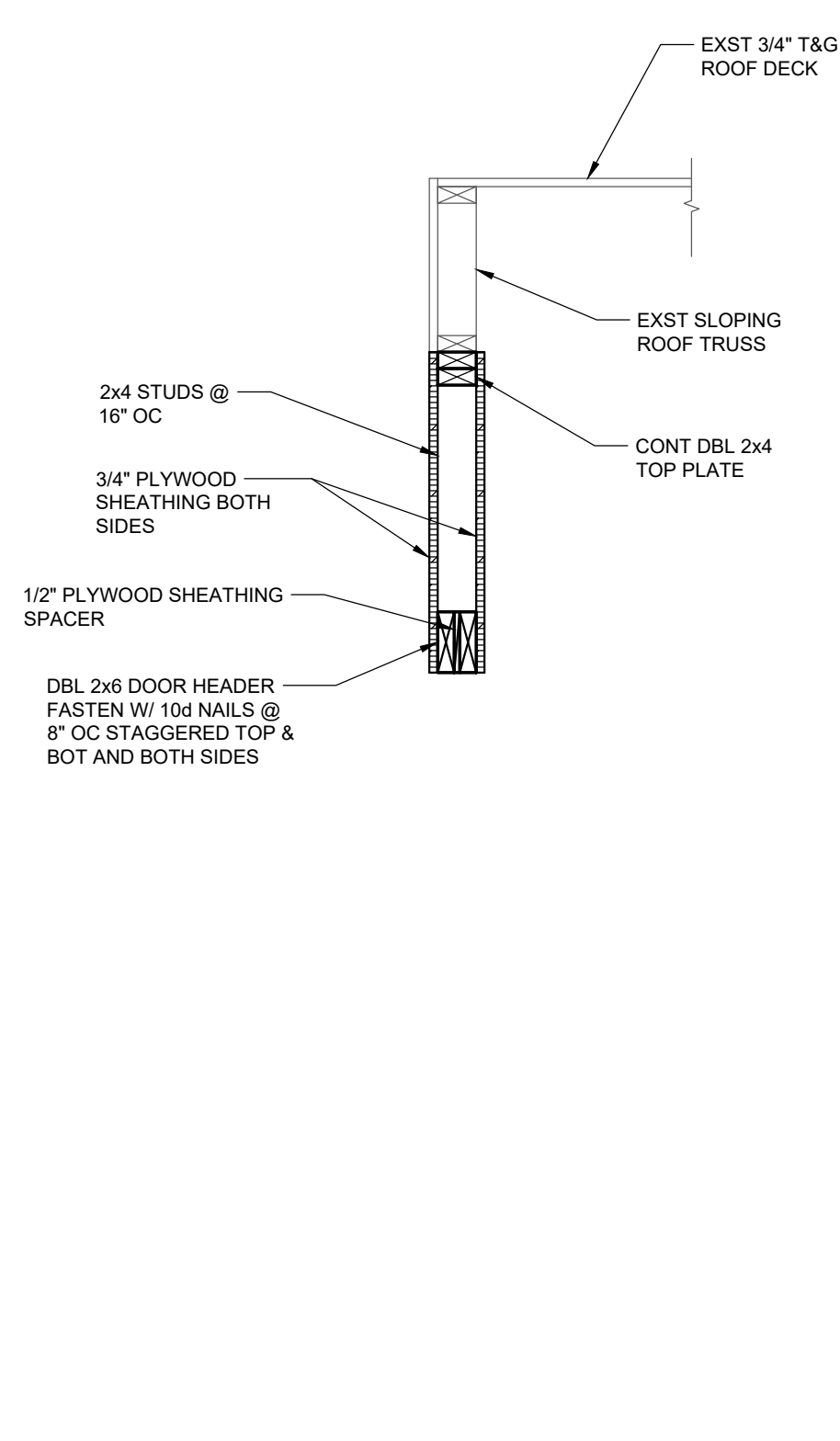
REPAIR
SECTIONS AND
DETAILS
BASE BID A

Designed By: MLP	Drawn By: BEG	Checked By: PMG
Issue Date: 09/14/26	Project No.: 106040	Scale: AS SHOWN

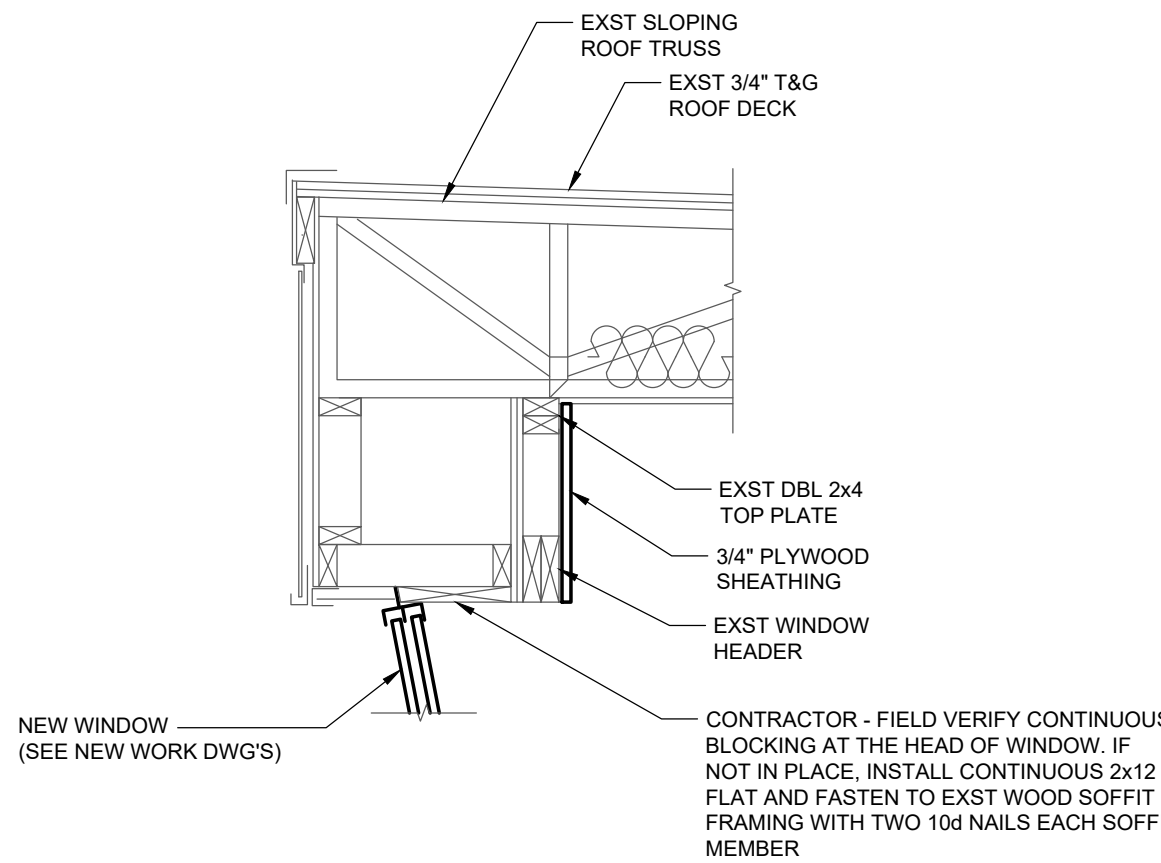
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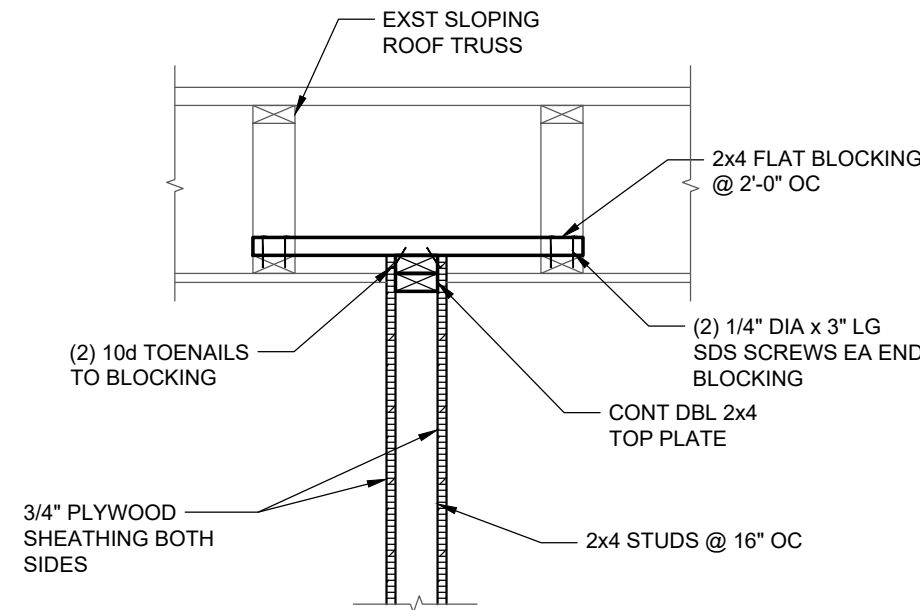
1 SECTION
3/4" = 1'-0"



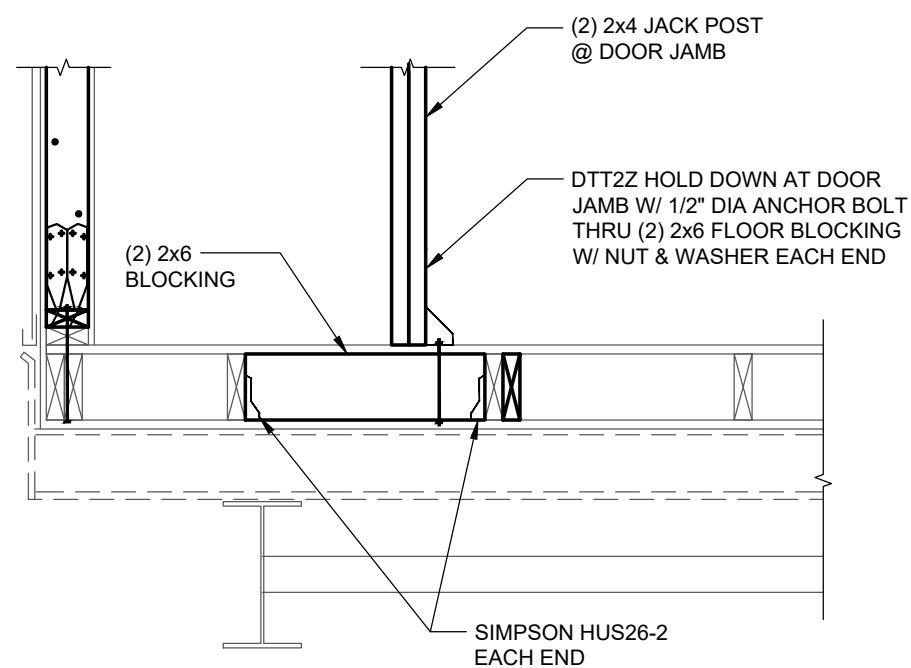
2 SECTION
3/4" = 1'-0"



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



4 SECTION — TOP OF SHEAR WALL
3/4" = 1'-0"



5 SECTION — BOTTOM OF SHEAR WALL
3/4" = 1'-0"

NAZARETH AREA
SCHOOL DISTRICT

BID SET

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NAZARETH HIGH SCHOOL

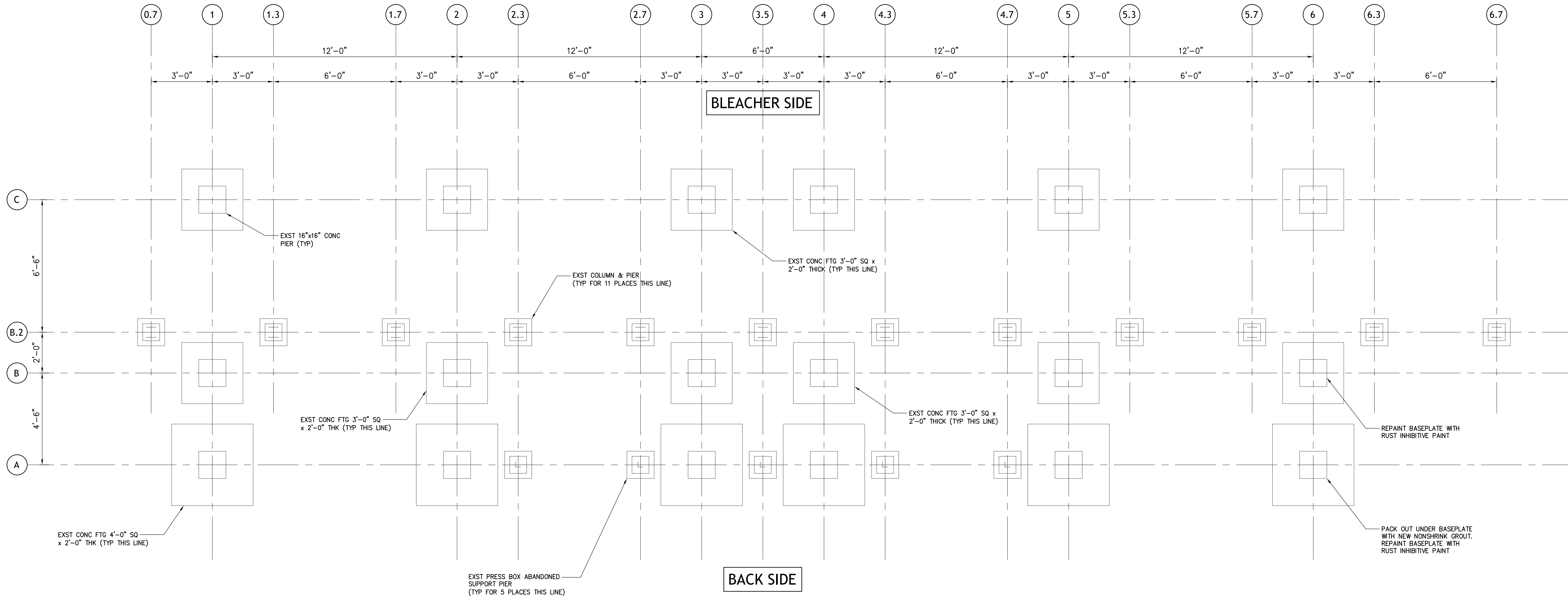
501 E CENTER STREET
NAZARETH, PA 18064

No.	Submittal / Revision	Appv	By	Date
1	ADDENDUM	PG	BG	09/16/26

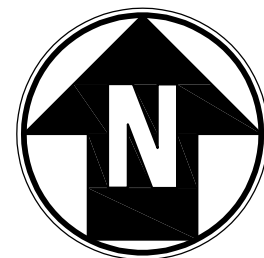
REPAIR
SECTIONS AND
DETAILS
BASE BID A

Designed By: MLP	Drawn By: BEG	Checked By: PMG
Issue Date: 09/14/26	Project No.: 106040	Scale: AS SHOWN

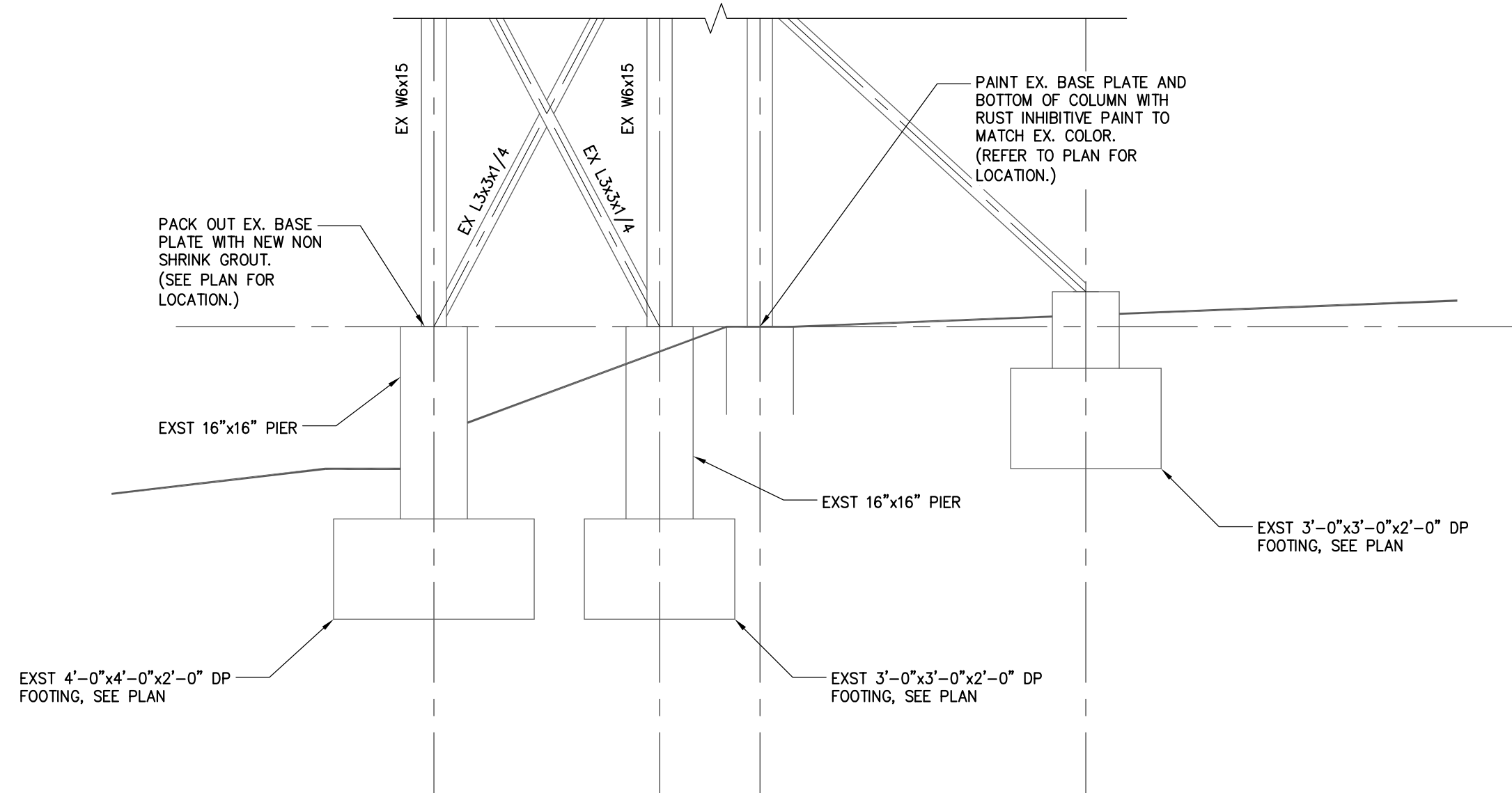
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Saved: 9/15/2026 8:24:17 AM Plotted: 9/15/2026 9:35:10 AM Current User: Harrison, Tom LastSavedBy: 9202



1 FOUNDATION PLAN
3/8" = 1'-0"



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



BID SET

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NAZARETH AREA SCHOOL DISTRICT STADIUM PRESS BOX REPLACEMENT

SUPPORT FRAMING

No.	Submittal / Revision	Appr	By	Date
ADDENDUM	PGBG	9/16/26		

EXISTING FOUNDATION PLAN BASE BID A

Designed By: MLP	Drawn By: BEG	Checked By: PMG
Issue Date: 09/14/26	Project No.: 106040	Scale: AS SHOWN

BASE BID B - PRESS BOX REPLACEMENT TO

CHA PROJECT NO. 106040

1. ALL WORK TO BE IN ACCORDANCE WITH 2021 ICC BUILDING CODE ALONG WITH ALL STATE AND LOCAL CODES.
2. ALL BUILDING MATERIALS STORED ON SITE MUST BE TARPED AND PROTECTED FROM THE WEATHER.
3. CONTRACTOR TO FIELD VERIFY ALL DIMENSION AND CONDITIONS. EXISTING INFORMATION IS PROVIDED BASED ON FIELD OBSERVATIONS AND DRAWINGS FURNISHED BY THE OWNER AND IS NOT INTENDED TO BE EXACTLY REPRESENTATIVE OF ALL EXISTING CONDITIONS. ALL DISCREPANCIES MUST BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY PRIOR TO SUBMITTING A BID PRICE.
4. CONTRACTOR MUST VISIT THE PROJECT SITE AND CONFORM TO PROJECT SPECIFICATIONS AND DRAWINGS FOR COMPLETE SCOPE OF WORK.
5. CONTRACTOR IS RESPONSIBLE TO REMOVE AND REINSTALL ALL ITEMS, WHICH ARE REQUIRED IN ORDER TO COMPLETE ALL WORK OUTLINED IN THE CONTRACT DOCUMENTS.
6. JOB SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REVIEW OF CONSTRUCTION BY THE ENGINEER IS FOR CONFORMANCE WITH DESIGN ASPECTS ONLY - NOT TO REVIEW THE CONTRACTOR'S PROVISIONS FOR JOB SITE SAFETY. LACK OF COMMENT ON THE PART OF THE ENGINEER WITH REGARD TO JOB SITE SAFETY IS NOT TO BE INTERPRETED AS APPROVAL OF JOB SITE SAFETY.
7. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS. CONTACT ENGINEER FOR REVIEW AND APPROVAL OF ANY DETAIL THAT MAY NOT AGREE WITH THOSE SHOWN.
8. AT THE CONCLUSION OF THE PROJECT, CONTRACTOR MUST RESTORE ALL AREAS THAT MAY HAVE BEEN USED FOR STAGING, STORAGE OF MATERIALS, HOISTING OF MATERIALS TO ROOF, TO THEIR ORIGINAL CONDITIONS. THIS INCLUDES CONCRETE SIDEWALKS AND DRIVES, ASPHALT WALKS, ROADWAYS AND PARKING LOTS, AS WELL AS ANY GRASS OR LANDSCAPED AREAS THAT MAY HAVE BECOME DAMAGED DURING CONSTRUCTION.
9. INAPPROPRIATE CONDUCT BY THE CONTRACTOR'S PERSONNEL COULD RESULT IN THAT INDIVIDUAL BEING BARRED FROM WORKING ON THE PROJECT. THIS DECISION, IF NECESSARY, WILL BE MADE BY THE OWNER.



501 E. CENTER STREET
NAZARETH, PA 18064

PROJECT DRAWING LIST

CS-1.0B	COVER SHEET
SP-1.0B	SITE PLAN BASE BID B
D-101B	DEMOLITION FRAMING PLAN BASE BID B
D-501B	EXISTING EAST ELEVATION - DEMOLITION BASE BID B
G-100B	PRESS BOX PLANS BASE BID B
G-101B	PRESS BOX PLANS BASE BID B
E-001B	ABBREVIATION, SYMBOLS & SPECIFICATIONS BASE BID B
E-101B	ELECTRICAL PLANS BASE BID B
E-701B	DETAILS BASE BID B
S-100B	EXISTING FOUNDATION PLAN BASE BID B
S-101B	FRAMING PLAN BASE BID B
S-500B	EXISTING NORTH ELEVATION BASE BID B
S-501B	EAST ELEVATION BASE BID B



BID SET

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NAZARETH HIGH SCHOOL
STADIUM PRESS BOX
REPLACEMENT

501 E. CENTER STREET
NAZARETH, PA 18064

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COVER SHEET

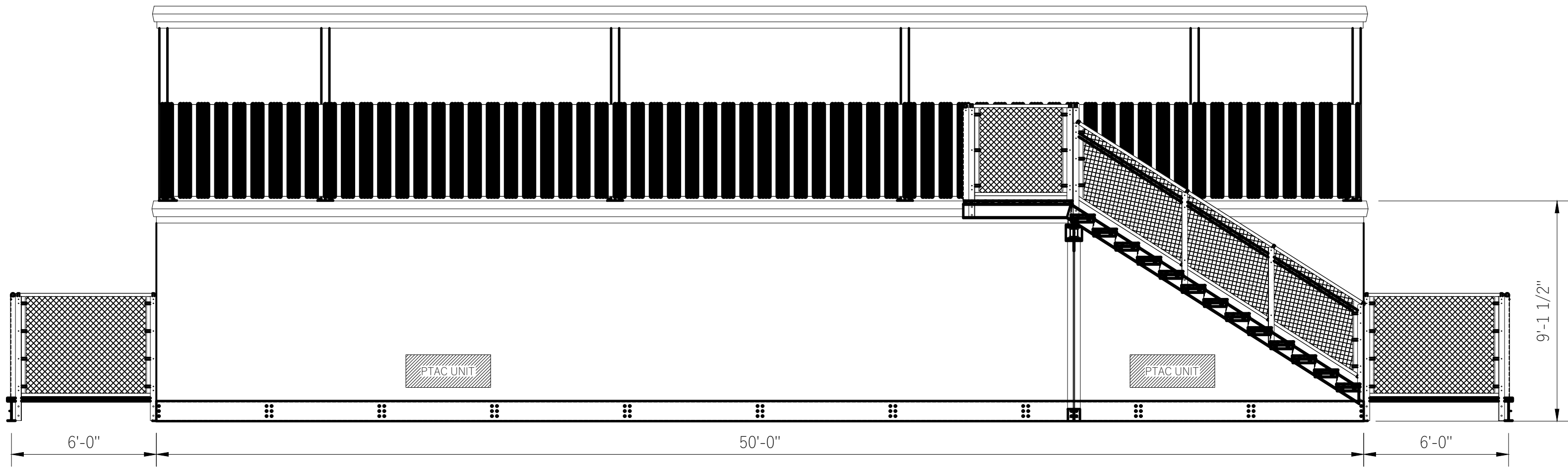
Designed By: TCS	Drawn By: RCM	Checked By: TCS
Issue Date: 09/14/26	Project No.: 106040	Scale: NOTED

Drawing No.:  CS-1.0B

NAZARETH HIGH SCHOOL
STADIUM PRESS BOX
REPLACEMENT
501 E. CENTER STREET
NAZARETH, PA 18064

Designed By: MRF	Drawn By: RCM	Checked By: TS
Issue Date: 11/14/26	Project No.: 106040	Scale: NOTED

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REAR ELEVATION VIEW

NOTE:
STAIR DESIGN BASED ON SOUTHERN BLEACHER COMPANY.
IF CONCRETE FOOTERS AND SUPPORTS ARE REQUIRED BASED ON ANOTHER
COMPANY'S DESIGN, THAT COMPANY SHALL PROVIDE AND INSTALL THE CONCRETE
FOOTERS AND SUPPORTS REQUIRED FOR THEIR DESIGN.

BID SET

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ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL
ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND
SURVEYOR TO ALTER, REPAIR, OR ADD TO ANY DESIGN OR THE
STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING
PROFESSIONAL, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND
SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE
NOTATION "ALTERED BY FOLLOWED BY THEIR SIGNATURE, THE
DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION
OF THE ALTERATION."

NAZARETH HIGH SCHOOL
STADIUM PRESS BOX
REPLACEMENT

501 E. CENTER STREET
NAZARETH, PA 18064

No.	Submittal / Revision	Appr	By	Date
2	ADDENDUM	TCS	RCM	09/16/2026

PRESS BOX PLANS
BASE BID B

Designed By:	Drawn By:	Checked By:
MRF	RCM	TS
Issue Date:	Project No.:	Scale:
09/14/26	106040	NOTED

ELECTRICAL SPECIFICATIONS

A. General Requirements

- Work shall be in accordance with NFPA 70 (the National Electrical Code)—either the latest version or the version adopted by the local jurisdiction—and all local codes.
- Secure all permits, inspections, and approvals as required.
- Furnish and install all materials and labor required to provide complete and operational systems as indicated on the drawings.
- The electrical drawings are diagrammatic and are intended to show the approximate locations of equipment, devices, raceways, and associated systems. Drawings are not to be scaled for the accurate cutting or its exact placement, but they shall be followed as closely as actual building construction and the work of other trades will permit. The contractor shall verify all dimensions and coordinate the installation of electrical systems with actual conditions in the field.
- General work practices for electrical construction shall be in accordance with NECA 1, *Good Workmanship in Electrical Construction*, published by the National Electrical Contractors Association.
- All material and equipment shall be listed and labeled for the application by Underwriters Laboratories or other NRTL, and installed according to its listing.
- Unless otherwise indicated, this contractor shall perform all cutting and patching of the existing facility for their respective work. Patching shall match existing materials, finishes, and methods of construction.
- Submit shop drawings to the Engineer for all materials and equipment.
- Provide protection and storage for equipment and materials during construction.
- All material and equipment shall be turned over in a new, clean condition.
- Coordinate work with other trades. Where electrical equipment is depicted on other drawings, provide connections.
- Provide installation of mechanical equipment per the manufacturer's installation requirements, manuals and details.
- Provide circuits and final connection to mechanical equipment, furniture and equipment supplied by others. Where electrical drawings and equipment rough-in drawings or equipment submittals are in conflict, consult with Project Manager for resolution.
- Coordinate equipment clearances and work space with manufacturer's service recommendations.
- The contractor shall coordinate the shutdown and removal of existing systems and equipment and the installation and startup of new systems and equipment with the project construction phasing schedule.
- Maintain as-built plans during construction. Turn over to Engineer at completion of construction. Provide electronic version and at least two paper copies, more if required elsewhere.
- Provide operating and maintenance manuals for all equipment. Provide electronic version and at least two paper copies, more if required elsewhere.
- Provide at least 12-month warranty on all materials, equipment, and workmanship from date of substantial completion.

B. Demolition and Connections to Existing Equipment

- Remove 100A feeders and ground electrode conductor from existing press box panel. After new press box is installed tap and extend feeders and ground electrode conductor to new panel furnished with the press box. New feeders and grounding electrode conductor to be in conduit and to match existing, see plans for additional requirements.
- Contractor to remove wiring from AV/IT cabinet, and map out how new wiring will reconnect to equipment. Store equipment in safe, dry and clean storage location. Reinstall existing AV equipment in new floor mounted cabinet.
- Demolish existing indoor and outdoor mini split system equipment. Safely and legally dispose of refrigerant, see plans for additional requirements.
- Owner reserves the right to claim any salvageable materials and equipment. Prior to beginning demolition work, identify items. Owner chooses to claim. Remove and store claimed items. Remove and dispose of all unclaimed materials and equipment.
- Maintain devices and equipment not shown to be demolished, and circuits feeding them.
- Where drawings show new devices and wiring, demolish existing devices and wiring, provide new as shown.
- Where new equipment replaces existing, extend wiring to the new equipment. Provide additional supports, grounding and fittings as required to comply with NEC.
- Where existing equipment is relocated, extend wiring to the new location. Provide additional supports, grounding and fittings as required to comply with NEC.
- When reusing raceways or junction boxes, provide additional grounding and support to comply with NEC. Do not reuse cables. Where reusing conduits and boxes creates conflicts with new work, relocate conduits and junction boxes to make way for new work.
- Disconnect and remove devices and equipment shown to be demolished.
- Where wire or cable is subsequently no longer used, remove it back to its source.
- Where conduit is subsequently empty and accessible, remove it back to its source. Where abandoned conduit drops underground, under slab, or in other inaccessible location, undercut below surface and patch.
- Where adding to circuits with existing loads, measure the full load with an ammeter before and after the additions are made to confirm code compliance. Maintain record of loads on as-built plans.
- Where demolition or new work will affect electrical phase rotation of existing equipment, measure existing electrical phase rotation. New work shall match existing electrical phase rotation.

C. Basic Materials and Methods

- Wire shall be copper THHW, THWN or XHHW. Ampacity shall be based on 75C ratings.
- Minimum wire size shall be 12AWG. For emergency and outdoor circuits, minimum wire size shall be 10AWG. For branch circuits longer than 75' one-way circuit distance, minimum wire size shall be 10AWG.
- Provide a dedicated 100% rated neutral conductor in each circuit which rely on the neutral conductor to complete the circuit (example: 120V, 277V or multiphase circuits with a neutral).
- Where oversized conductors are indicated or otherwise required for voltage drop or derating, provide junction boxes and other means required to transition back to standard conductor sizes for connection to standard lugs at equipment.
- Minimum conduit size shall be 3/4".
- Where branch circuit wiring is spliced, use wirenuts, PVC coated mechanical lug terminals or other Engineer approved means that allows access to cable ends. Do not use spring tension splices to connect wiring.
- Use wire in conduit except in accessible indoor ceiling spaces, where MC cable may be used, unless prohibited by code. Use MC cable connectors with threaded lock nuts to box and screw down cable grips.
- Provide flexible connections for final connection to motors or other vibrating equipment.
- Provide plastic bushings wherever conductors would otherwise be exposed to threaded metal fittings.
- Conduit types:
 - Outdoor, exposed: Threaded RMC, matching threaded fittings.

- Outdoor, flexible final connections to vibrating equipment: LFMC, malleable iron type fittings, listed for outdoors.
 - Indoor, subject to physical damage: Threaded RMC, matching threaded fittings.
 - Indoor, dry, not subject to physical damage: EMT, set screw or compression fittings.
 - Indoor, dry, flexible final connections to vibrating equipment: FMC, malleable iron fittings.
- Coordinate conduit installation with other trades and press box manufacturer. Where conduit is in the vicinity of equipment, coordinate conduit locations to ensure access and clearances about devices and equipment are maintained.
 - Exposed raceways and boxes not in finished spaces shall be custom painted to match adjacent surfaces and surface colors. Where surfaces have more than one color, provide color scheme to match existing.
 - Exposed raceway systems, enclosures, trays, boxes and covers in unfinished ceilings shall be custom painted to match existing.
 - Except where code requires otherwise, use steel boxes of the proper type, not less than 4" square. Secure firmly, true, square, and, where mounted in a finished wall, flush with the finished surface. Where outdoors, provide cast metal boxes custom painted to match adjacent surface.
 - Where drawings note or show surface mount devices in finished or unfinished spaces, junction boxes or device back boxes that are exposed, in finished spaces and below 8" shall be cast metal box custom painted to match adjacent surface.
 - Low-voltage cable may be installed open in accessible indoor ceiling spaces, attics and in hollow gypsum-board partitions; otherwise, provide raceway. Support low-voltage at maximum 36" intervals with J-hooks or other devices listed for low-voltage cable support.
 - Support cables, conduits, and junction boxes rigidly and securely with heavy duty clamps and anchors listed for the application and installed according to their listing.
 - The use of spring tension cable or conduit support clips is not acceptable. Connectors to be threaded type with locking washer.
 - In finished spaces, all wiring shall be concealed under floors, in walls, or above ceilings, unless drawings indicate otherwise.
 - Identify each wire and device on the project with a circuit number. Use wrap-around tape at the ends of wires.
 - Where circuits penetrate an interior or exterior wall provide penetrations acceptable to press box manufacturer. Seal all penetrations.
 - New press box floor and platform floor shall only be penetrated by press box manufacturer.
 - All required penetration locations and acceptable types of penetrations shall be coordinated with the new press box manufacturer.
 - Penetration in existing press box shall be coordinated with existing conditions and new work.
 - Seal the interior of all exterior wall and floor penetrations with removable dust seal.
 - For 208Y/120V systems, use black (phase A), red (phase B) and blue (phase C) color coding.
 - Megger each feeder circuit. Conduct test with 1000V DC for 1 minute. Test phase to phase, phase to neutral and phase to ground for each conductor. Provide electronic test report showing each test outcome. Where resistance values are under 25 megohm, correct deficiency and retest. Turnover test report to Engineer.

D. Wiring Devices

- Wiring devices provided by Press Box Manufacturer.

E. Grounding and Bonding

- Provide grounding and bonding as below, in addition to requirements of NEC.
- Provide insulated copper equipment grounding electrode conductors in all circuits.
- Bond new panel to existing ground rod. Extend existing #6 ground conductor to panel and to ground bar in rack.
- Provide vertical ground bar in CAB-PB, provide Erico or equal copper bar, minimum 1/8" thick x 1" wide x 24" minimum length with manufacturer's cabinet mounting kit. Bond to ground electrode with #6 conductor.

F. Surface Raceway

- Raceway below new and existing counters shall be new. Coordinate layout with new work.
- Use Wiremold ALA4800-series or equal, aluminum, two-channel system. See plans for additional requirements.
- Provide all fittings for a complete installation where shown on the drawings. Provide corners, end caps, etc., as required.
- Provide brackets for in-line data devices, and knockouts for audio devices.
- Coordinate mounting height of raceway with millwork and furniture. Final mounting height as directed in the field by Owner's project manager. Receive Owner approval for height selected before installation.
- Do not mix audio and data in the same compartments.

G. Cable Tray

- Provide white 2"x22" galvanized steel welded wire mesh cable tray wire management system by Cablofil, or approved alternate manufacturer, where shown on the drawings. Provide vertical sections as shown on drawings all fittings, supports, and straight pieces as required for continuous run of cable tray.
- Support cable tray to wall structure, at spans recommended by manufacturer, but not less than 1 support within 6' of either end and 1 support in the middle.
- Provided dedicated cable trays for data and audio.
- Provide wire management in the cable tray, secure and Velcro cables every 1' to cable tray and within 1' of either end.
- Label each cable just before it enters the ceiling space with a unique machine printed label.
- Cable trays shall be grounded to CAB-PB with a #10 conductor and bonding fitting.
- Use listed splices to co connect sections and at places where the tray is cut. Run ground wire alongside the tray and attach it to each and or both sides of the cut in the tray, in compliance with NEMA VE-2 installation guide.
- Where cables drop out of cable tray provide exit/enter trays and or cable drop out trays.

H. Distribution Equipment

- Press box load center provided by Press Box Manufacturer, provide final connection to load center.
- Distribution equipment shall be manufactured by Cutler-Hammer, GE/ABB, Siemens, or Square D.
- Circuit breaker and other lugs shall be rated 75C.
- When adding circuit breakers to existing panels, provide new units listed for use in the panel, matching the existing ones in the panel.
- Safety switches shall be heavy-duty.
- Enclosures shall be suitable for installed location.
- Identify panelboards, safety switches, and motor starters with engraved plastic laminate labels, showing panel designation, system voltage, and source location.

I. Lighting Control Devices

- Lighting control devices provided by Press Box Manufacturer.

J. Lighting

- Lighting provided by Press Box Manufacturer.

K. Teledata Wiring System

- Provide service entrance modifications as noted.
- Extend fiber to new location as shown on the plans. Remove incoming fiber from press box to be demolished to accessible location below. Extend fiber in new 2" conduit from 12"x12"x6" NEMA 4X SS enclosure to new 1-unit fiber patch panel with feed-thru fittings to match existing fiber. Provide blank filler plates in unused openings.
- Provide a unified teledata wiring system, with a link for each telephone, wireless antenna, camera and data jack shown on the drawings. Run cables from jacks to modular patch panels. Provide cables and devices by Hubbell or approved equal.
- Provide plenum-rated horizontal links as follows:
 - Where indicated for wireless access points, provide 1 white Category 6A links.
 - Where indicated for video surveillance cameras, provide 1 green Category 6A link.
 - Where data, phone or other jacks are shown or required, provide blue Category 6A links.
- Provide raceway except in accessible indoor ceiling spaces where J-hooks may be used at intervals not greater than 3'.
- At jack locations, provide multiport stainless-steel faceplates or 2-compartment raceway fittings with four openings.
- Owner to provide 28" deep 24U or 32U floor mount cabinet with locking casters, hinged perforated door.
- Provide empty, 24 or 48-port patch panels with at least 20% more openings in each patch panel. Provide keystone jacks to terminate each installed cable.
- Provide rear cable management bars that screw into the back of the rack at each patch panel. Provide horizontal and vertical wire management panels surrounding each patch panel.
- Provide 3 foot cable loop in back of cabinet, secured to wall.
- Unless Owner directs otherwise, jack labels shall have the form XY, where X shall be a letter designating the patch panel, and Y shall be a number designating the jack in the patch panel.
- Labels shall be placed at each end of the cable, on the workstation faceplate, and on the patch panel. Use machine-printed, self-adhesive labels.
- Provide as-built plans with each location shown, indicating the label used and the number of jacks.
- Test installed wiring through patch panels and jack locations to specified EIA/TIA standards using an automated tester. Repair any deficiencies and retest. Submit testing report.
- Cross-connect wiring and patch cables will be provided by the Owner.
- Extend existing 6-strand fiber cable with new cable, termination & factory terminated patch cables, types to match existing.

L. Public Address System

- Remove existing public address system speakers from press box to be demolished and install on new press box.
 - Speakers mounted on the press box platform shall be provided with new mounting hardware for post mounting, aim speakers to match existing. Coordinate mounting hardware with existing speaker manufacturer.
 - Install existing audio equipment in new cabinet.
 - At location of microphone jacks, provide factory terminated 22/2 microphone cable with XLR fittings connected to audio equipment and cable top microphone.
 - Provide new dedicated UV and wet location rated cables in conduit from each speaker to amplifier, use 1/2" foil shielded twisted pair cable.
- Test system to ensure final installation has the same capacity as existing.

M. Clock

- Provided by Owner, battery operated.

N. Access Control

- Not in scope of project.

O. Intrusion Detection

- Not in scope of project.

P. Video Surveillance

- Provide devices, wiring installation and general work noted and shown on the drawings.
- Install Owner furnished cameras.
- Coordinate final location, aiming and mounting with Owner.
- At each camera location, provide data jack. Where camera locations are outdoors, provide jack at nearest accessible indoor location, and 0.75" conduit to outdoor location. Provide outdoor-rated Category 6A patch cord and seal conduit.
- Camera Mounting Coordination
 - Meet with Owner on site to review camera mounting schedule.
 - For Owner meeting, provide written schedule describing mounting hardware and proposed viewing angles at each camera location. Use tags on drawings to identify locations.
 - During meeting, review placement and mounting of each camera. Mark actual location of proposed camera placement.
 - During meeting, review proposed viewing angle of each camera. Show viewing angles on writing.
 - Do not proceed without Owner approval of mounting types, locations, and viewing angles in writing.
- Pre-Acceptance Adjusting
 - After cameras and network are operational, meet with Owner on site to review/adjust camera views—zoom and angle.
 - Provide at least three technicians for this adjustment session—two for adjusting cameras and one for conferring with Owner at viewing location.
 - Note final zoom and angle of each camera.
 - Provide to Owner record of settings in writing.

Q. Fire Alarm

- Not required, not in the scope of the project.

R. Mechanical Equipment

- Mechanical equipment provided by Press Box Manufacturer.

EQUIPMENT TYPES

ATS	AUTOMATIC TRANSFER SWITCH
CONT	CONTACTOR
DS	DISCONNECT SWITCH
ECB	ENCLOSED CIRCUIT BREAKER
IDF	INTERMEDIATE DISTRIBUTION FRAME
LCP	LIGHTING CONTROL PANEL
MS	MOTOR STARTER
PDU	POWER DISTRIBUTION UNIT
PNL	ELECTRICAL PANEL
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
TRAN	TRANSFORMER
UPS	UNINTERRUPTIBLE POWER SUPPLY

ELECTRICAL SYMBOLS

GENERAL ELECTRIC

	SWITCH WITH PILOT LIGHT
	FAN SWITCH
	MOTOR STARTER
	DISCONNECT SWITCH
	COMBINATION STARTER
	DUPLEX RECEPTACLE
	G GROUND FAULT INTERRUPTER
	C COUNTERTOP HEIGHT
	E ELECTRICAL WATER COOLER - GFI
	CM CEILING MOUNTED
	W WEATHERPROOF
	TR TAMPERS RESISTANT
	X-Y NEMA X-Y
	# MOUNT # ABOVE FINISH FLOOR
	S SURFACE MOUNT
	T TELEVISION
	U USB
	DOUBLE-DUPLEX RECEPTACLE
	SPECIAL RECEPTACLE
	POWER RECEPTACLE, AMPERAGE
	RANGE RECEPTACLE
	DEVICE IN CONCEALED RECESSED FLOOR BOX
	JUNCTION BOX
	TRANSFORMER
	POWER POLE
	TIME CLOCK
	HAND DRYER
	HAIR DRYER
	TWO-COMPARTMENT SURFACE RACEWAY: PROVIDE 3/4" CONDUIT TO HIGH-VOLTAGE AND 1 1/4" TO LOW-VOLTAGE SECTIONS. FOR EACH 30' OF RACEWAY.
	PANEL
	BASEBOARD HEATER
	MOTOR
	WIRING CONCEALED EXCEPT WHERE RUN IN OPEN STRUCTURE
	WIRING BELOW SLAB OR GRADE
	EMERGENCY SYSTEM WIRING
	HOME RUN/CIRCUIT TAG
	MULTICONDUCTOR WIRING
	CONDUIT RISE
	CONDUIT DROP
	ENCLOSURES WITH HINGED DOORS
SECURITY	
	VIDEO SURVEILLANCE CAMERA
	360° VIDEO SURVEILLANCE CAMERA
	180° VIDEO SURVEILLANCE CAMERA
	90° VIDEO SURVEILLANCE CAMERA
COMMUNICATIONS	
	TELEVISION CABLE OUTLET
	SINGLE DATA OUTLET
	DATA OUTLET WITH N JACKS
	SINGLE TELEPHONE OUTLET
	TELEPHONE OUTLET WITH N JACKS
	COMBINED OUTLET WITH TWO DATA JACKS AND TWO TELEPHONE JACKS
	COMBINED OUTLET WITH M DATA JACKS AND N TELEPHONE JACKS
	BOX WITH BLANK PLATE AND CONDUIT TO ACCESSIBLE CEILING SPACE
	WIRELESS COMMUNICATIONS SYSTEM ANTENNA. PROVIDE SINGLE DATA JACK ABOVE CEILING
	FLOOR MOUNTED IT/AV CABINET
PUBLIC ADDRESS	
	CEILING MOUNTED SPEAKER
	HORN SPEAKER
	WALL MOUNTED CLOCK
	MICROPHONE JACK

COMMON ABBREVIATIONS

A/E	ARCHITECT/ENGINEER	HC	HVAC CONTRACTOR
AB CLG	ABOVE CEILING	HCP	HANDICAPPED
ABV	ABOVE	HGT	HEIGHT
AFB	ABOVE FINISHED FLOOR	HR	HOUR
AFI	ARC-FAULT INTERRUPTER	IR	INFRARED
AFR	ABOVE FINISHED ROOF	JB	JUNCTION BOX
ALT	ALTERNATE	KES	KITCHEN EQUIPMENT SUPPLIER
ATS	AUTOMATIC TRANSFER SWITCH	LV	LOW-VOLTAGE
BFC	BELOW FINISHED CEILING	MC	MECHANICAL CONTRACTOR
C/G	COUNTERTOP GFI	MCA	MINIMUM CIRCUIT AMPACITY
CD	CORD DROP	MOCP	MAXIMUM OVERCURRENT PROTECTION
CL	CENTERLINE	MT	MULTITECHNOLOGY
CLG	CEILING	MO	MICROWAVE OVEN
CM	CEILING MOUNTED	NA	NOT APPLICABLE
COL	COLUMN	NE	NORMAL/EMERGENCY (NORMALLY ON)
CT	COUNTERTOP HEIGHT-44" AFF UNO OR CURRENT TRANSFORMER	NIC	NOT IN CONTRACT
CR	CORD REEL	NTS	NOT TO SCALE
DBF	DOWN BELOW FLOOR	OFCl	OWNER FURNISHED-CONTRACTOR INSTALLED
DET	DETAIL	PC	PLUMBING CONTRACTOR
DIA	DIAMETER	PIR	PASSIVE INFRARED
DIM	DIMENSION	PIR	PASSIVE INFRARED
DN	DOWN	SE	SERVICE ENTRANCE
DW	DISHWASHER	SECT	SECTION
DWVG	DRAWING	SHT	SHEET
EC	ELECTRICAL CONTRACTOR	SHM	SIMILAR
EL	ELEVATION	SPD	SURGE PROTECTION DEVICE
ELEV	ELEVATOR	SPEC	SPECIFICATION
EMER	EMERGENCY	SS	SERVICE SINK
EO	EMERGENCY ONLY (NORMALLY OFF)	STD	STANDARD
EWC	ELECTRIC WATER COOLER (PROVIDE GFI RECEPTACLE)	SUSP	SUSPENDED
EX	EXISTING	TBR	TO BE REMOVED
FA	FIRE ALARM	TL	TASK LIGHT
FBO	FURNISHED BY OWNER	TR	TAMPERS RESISTANT
FLR	FLOOR	TSTAT	THERMOSTAT
FPC	FIRE PROTECTION CONTRACTOR	UNO	UNLESS NOTED OTHERWISE
FSC	FOOD SERVICE CONTRACTOR	US	ULTRASONIC
GC	GENERAL CONTRACTOR	W/	WITH
GFI	GROUND-FAULT INTERRUPTER	W/O	WITHOUT
GND	GROUND	W	WALL-MOUNTED
		WP	WEATHERPROOF

COMMON SYMBOLS

	PLAN NORTH
	SECTION ID
	SHEET NO. WHERE SECTION IS
	DIRECTIONAL VIEW OF SECTION
	REVISION CLOUD
	REVISION NUMBER
	ELEVATION 100.00'
	DIRECTION OF VIEW
	SHEET NO. WHERE EL. IS DRAWN
	ELEVATION ID
	KEYNOTE
	DETAIL ID
	SHEET NO. WHERE DETAIL IS
	ROOM/SPACE NO.
	EQUIPMENT TAG SHOWING TYPE AND ID. SEE EQUIPMENT SCHEDULES FOR DETAILS
	PROVIDE NEW
	EXISTING TO REMAIN
	REMOVE EXISTING
	CONNECT TO EXISTING
	EXISTING TO BE REMOVED

DRAWING LIST

E-001B	ABBREVIATIONS, SYMBOLS & SPECIFICATIONS BASE BID B
E-100B	ELECTRICAL PLANS BASE BID B
E-701B	DETAILS BASE BID B

BID SET

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ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND
SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE
NOTATION: ALTERED BY FOLLOWED BY THEIR SIGNATURE, THE
DATE OF SUCH ALTERATION AND A SPECIFIC DESCRIPTION OF
THE ALTERATION.

NAZARETH HIGH SCHOOL
STADIUM PRESS BOX
REFURBISHMENT
501 E CENTER STREET
NAZARETH, PA 18064

No.	Submittal / Revision	Appr	By	Date
	ADDENDUM 2	MCD	ETT	09/16/2026

ABBREVIATION,
SYMBOLS &
SPECIFICATIONS
BASE BID B

Designed By: MCD	Drawn By: MCD	Checked By: MCD
Issue Date: 09/14/26	Project No.: 106040	Scale: AS SHOWN

Drawing No.:

E-001B

KEY NOTES - DEMOLITION

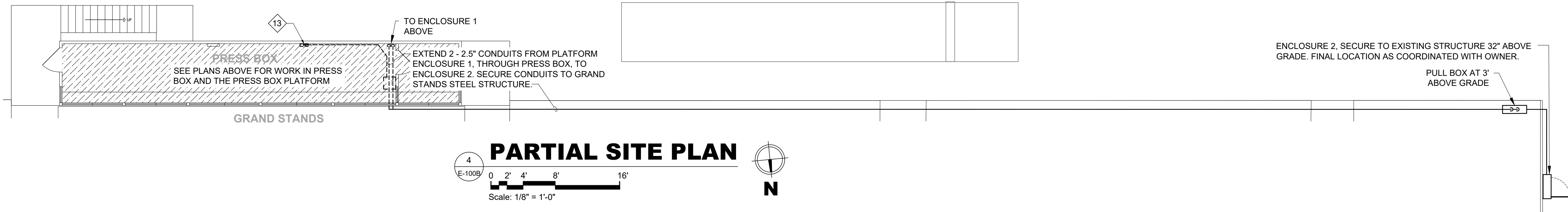
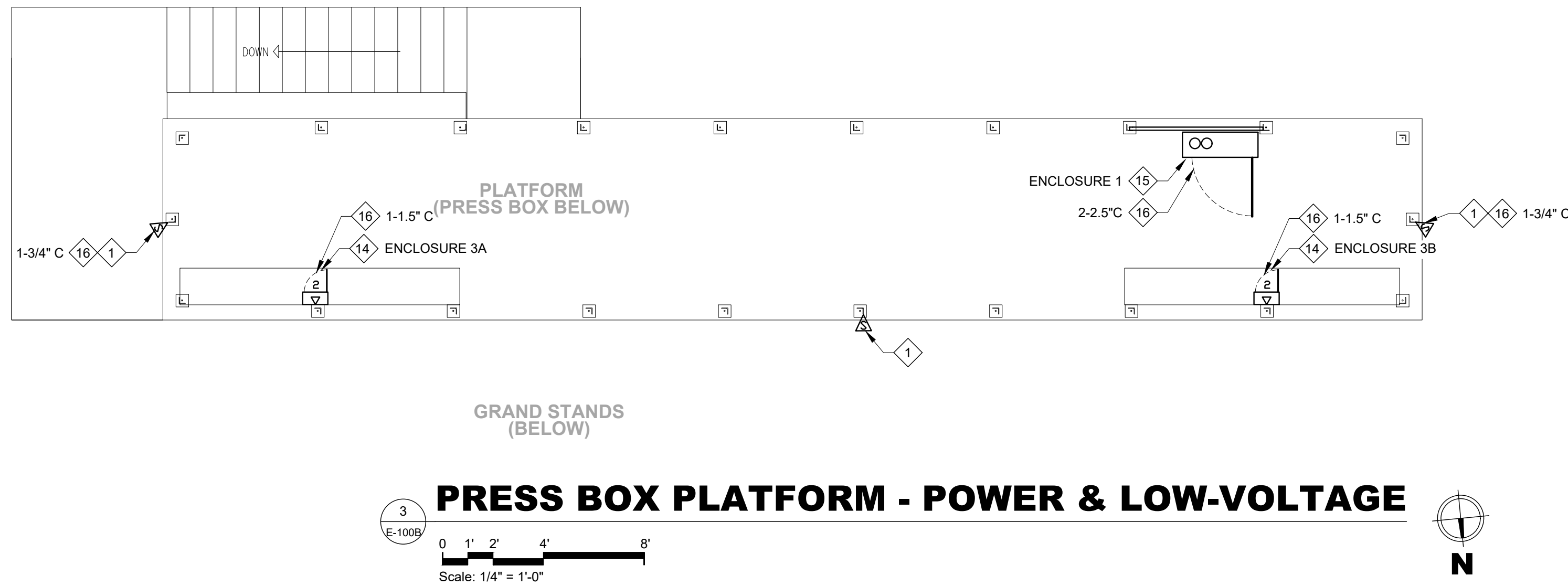
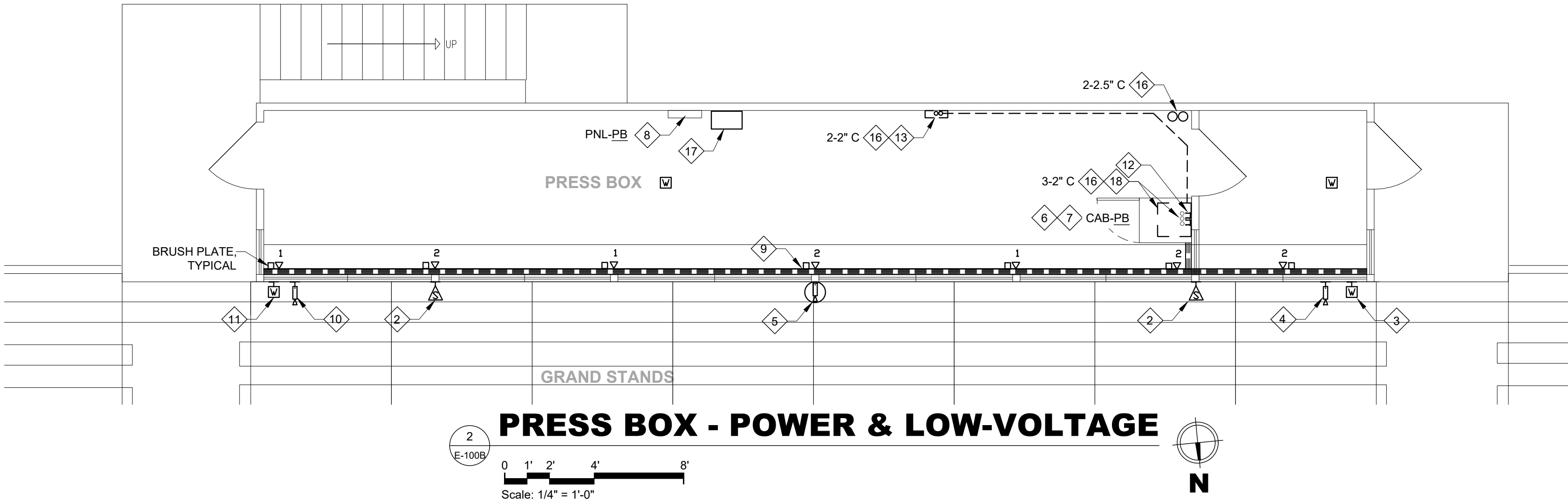
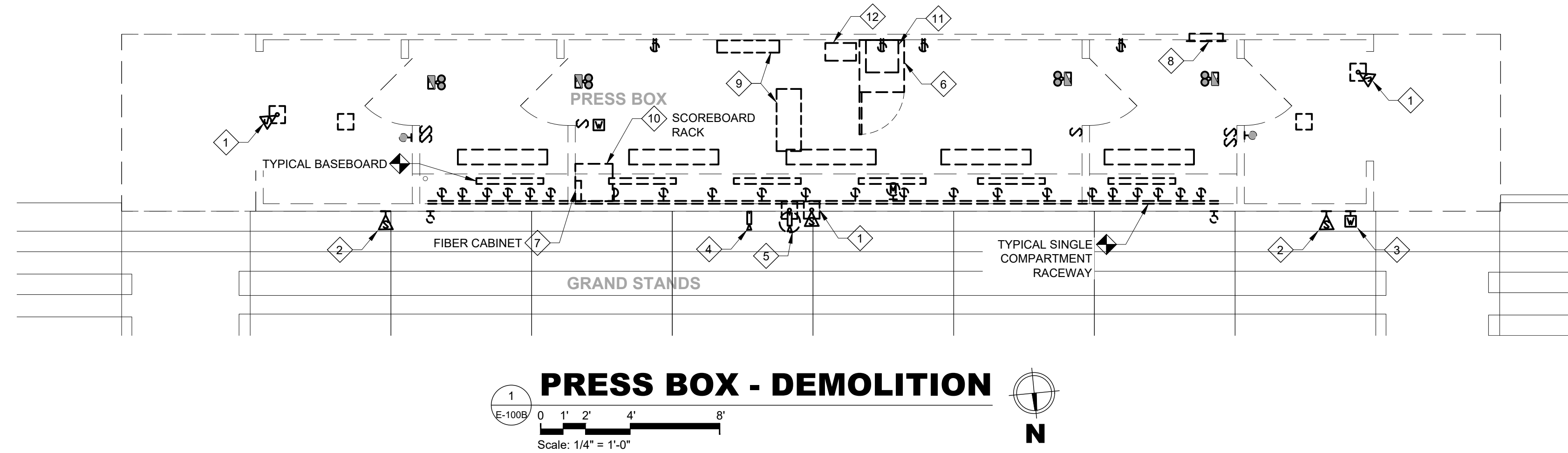
- 1 REMOVE ROOF MOUNTED SPEAKER AND MOUNTING HARDWARE. REINSTALL SPEAKER ON NEW PRESS BOX.
- 2 REMOVE WALL MOUNTED SPEAKER AND MOUNTING HARDWARE. REINSTALL SPEAKER ON NEW PRESS BOX.
- 3 REMOVE WALL MOUNTED WIRELESS ACCESS DEVICE AND HOUSING. REINSTALL ON NEW PRESS BOX.
- 4 REMOVE WALL MOUNTED FISHEYE CAMERA. REINSTALL ON NEW PRESS BOX.
- 5 OWNER TO REMOVE ROOF MOUNTED HUDDLE CAMERA AND HUDDLE CABINET. REINSTALL HUDDLE CAMERA ON NEW PRESS BOX. EC TO REMOVE WIRING TO ACCESSIBLE LOCATION BELOW.
- 6 DEMOLISH FLOOR MOUNTED PUBLIC ADDRESS AUDIO CABINET AND REMOVE ASSOCIATED AUDIO EQUIPMENT IN CABINET, TURNOVER EQUIPMENT TO OWNER.
- 7 REMOVE OVERHEAD INCOMING FIBER CABLE TO ACCESSIBLE LOCATION BELOW PRESS BOX. EXTEND FIBER CABLE TO CABINET IN NEW PRESS BOX.
- 8 REMOVE (3) #1 + #6 GND IN 1.5" CONDUIT AND GROUNDING ELECTRODE CONDUCTOR FROM 100A, 120/240V 1-PH PANEL TO LOCATION BELOW PRESS BOX. EXTEND FEEDERS TO NEW PRESS BOX PANEL PROVIDED WITH PRESS BOX.
- 9 REMOVE ROOF MOUNTED MINI SPLIT SYSTEM AND ASSOCIATED INDOOR UNIT. EVACUATE REFRIGERANT FROM COOLING CIRCUITS AND RECOVER ACCORDING TO ALL EPA AND LOCAL REQUIREMENTS.
- 10 OWNER TO REMOVE AND REINSTALL WALL MOUNTED SCOREBOARD CABINET AND ASSOCIATED VIDEO EQUIPMENT IN CABINET. VIDEO EQUIPMENT WIRING BY OWNER'S INTEGRATOR INTO CABINET CAB-PB. EC TO REMOVE WIRING BACK TO ACCESSIBLE LOCATION BELOW. EC TO FIELD COORDINATE ADDITIONAL OPENINGS REQUIRED IN FLOOR FOR EQUIPMENT CONNECTIONS.
- 11 RELOCATE HUDDLE CAMERA HEAD END EQUIPMENT INTO NEW CABINET CAB-PB.
- 12 REMOVE MUSCO LIGHT CONTROL PANEL. REINSTALL AT LOCATION SHOWN.

KEY NOTES - POWER & LOW-VOLTAGE

- 1 REINSTALL SPEAKER TO NEW PLATFORM STRUCTURE, WITH IN 1' OF CEILING. PROVIDE NEW MOUNTING HARDWARE AND NEW WIRING IN CONDUIT FROM DEVICE TO CAB-PB.
- 2 REINSTALL WALL MOUNTED SPEAKER TO PRESS BOX. CENTER SPEAKER BETWEEN PLATFORM AND GLASS. PROVIDE NEW WIRING FROM DEVICE TO AV EQUIPMENT IN CABINET.
- 3 REINSTALL WALL MOUNTED WIRELESS ACCESS DEVICE AND HOUSING. PROVIDE NEW WIRING FROM DEVICE TO PATCH PANEL IN CABINET. COORDINATE FINAL LOCATION AS DIRECTED.
- 4 REINSTALL FISHEYE CAMERA ON WALL. CENTER CAMERA BETWEEN PLATFORM AND GLASS. PROVIDE NEW WIRING FROM DEVICE TO PATCH PANEL IN CABINET. FINAL LOCATION AS COORDINATED WITH OWNER.
- 5 REINSTALL HUDDLE CAMERA ON NEW WALL. CENTER CAMERA BETWEEN PLATFORM AND GLASS. PROVIDE NEW WIRING FROM DEVICE TO HUDDLE CAMERA EQUIPMENT IN CAB-PB.
- 6 24-UNIT CABINET BY OWNER. AUDIO, VIDEO EQUIPMENT AND HUDDLE CAMERA EQUIPMENT FURNISHED BY OWNER. WIRING FOR SPEAKERS AND HUDDLE CAMERA BY CONTRACTOR. PROVIDE FIBER AND COPPER PATCH PANELS, TERMINATIONS, CABLE LINKS, AND TESTING. PROVIDE FINAL TERMINATIONS AND TESTING, CONFIRM AUDIO OPERATIONS MATCH EXISTING.
- 7 EXTEND EXISTING FIBER CABLE IN CONDUIT TO CAB-PB IN PRESS BOX.
- 8 EXTEND (3) #1 + #6 GND IN 2" CONDUIT AND GROUNDING ELECTRODE CONDUCTOR TO 100A, 120/240V 1-PH PANEL FROM LOCATION BELOW PRESS BOX. COORDINATE 2" CONDUIT STUB OUT WITH PRESS BOX MANUFACTURER.
- 9 2-COMPARTMENT SURFACE RACEWAY SNUG TO BOTTOM SIDE OF COUNTERTOP OR HEIGHT AS DIRECTED. AT LOCATIONS OF DATA JACKS PROVIDE 4 PORT OPENING IN THE BOTTOM COMPARTMENT WITH 2 KEYSTONE JACKS AND 2 FILLER PLATES IN UNUSED PORTS. IN UPPER COMPARTMENT ADJACENT TO DATA JACKS, PROVIDE 1-GANG COVER WITH WHISKERS FOR PASS-THROUGH AV WIRING BY OWNER'S INTEGRATOR.
- 10 NEW FISHEYE WALL MOUNTED CAMERA FURNISHED BY OWNER. CONTRACTOR TO INSTALL AT LOCATION COORDINATED WITH OWNER.
- 11 NEW WIRELESS ACCESS ANTENNA AND OUTDOOR HOUSING FURNISHED BY OWNER, EC TO INSTALL. FINAL LOCATION OF ANTENNA AS DIRECTED.
- 12 VERTICAL 2"x2" WALL MOUNT CABLE TRAY FROM CEILING INTO CABINET. CUSTOM COLOR. SECURE CABLES IN TRAY EVERY 10" TO TRAY. PROVIDE DEDICATED TRAYS FOR DATA AND AV WIRING.
- 13 EXTEND FIBER AND SPEAKER CABLES FROM NEW 12"x12" PULL BOX BELOW PRESS BOX WITH 2-2" CONDUITS, ROUTE CABLES THROUGH ENCLOSURE DIRECTLY BELOW CABINET, TO FIBER PATCH PANEL AND AMPLIFIERS IN NEW CABINET.
- 14 NEMA 4X STAINLESS STEEL ENCLOSURES WITH DATA JACKS, AND 1.5" CONDUIT FROM ENCLOSURES 3A & 3B TO VERTICAL CABLE TRAY FOR OWNER PROVIDED VIDEO CABLING. SEE DETAIL 1/E-701B FOR ADDITIONAL REQUIREMENTS.
- 15 NEMA 4X STAINLESS STEEL ENCLOSURE 1. PROVIDE 2 - 2.5" CONDUIT FROM ENCLOSURE 1, THROUGH PRESS BOX AND PRESS BOX FLOOR TO NEMA 4X STAINLESS STEEL ENCLOSURE 2 AT GRADE FOR LOCAL CABLE TELEVISION USE. SEE DETAIL 2/E-701B FOR ADDITIONAL REQUIREMENTS.
- 16 PRESSBOX MANUFACTURER TO PROVIDE CONDUIT STUB UP IN FLOOR AS SHOWN, CONTRACTOR TO EXTEND CONDUITS TO ASSOCIATED ENCLOSURE, SEAL CONDUIT OPENING.
- 17 REINSTALL MUSCO ON/OFF LIGHTING CONTROL PANEL. EXTEND CONTROL WIRING TO NEW LOCATION IN CONDUIT. NEW WIRING TO MATCH EXISTING.
- 18 NEMA 4X 18"x18" STAINLESS STEEL ENCLOSURE MOUNTED TO BOTTOM OF PRESS BOX.

PLAN NOTES

1. EXISTING GRAND STANDS SHOWN FOR REFERENCE AND NOT BE TO SCALE. FIELD VERIFY EXISTING CONDITIONS.
2. NEW PRESS BOX TO BE PROVIDED WITH POWER, LIGHTING, EMERGENCY LIGHTING, AND HVAC DEVICES. EQUIPMENT WIRING AND CONTROLS REQUIRED TO BE COMPLIANT WITH THE CURRENT IBC, NEC AND MECHANICAL CODES.



BID SET

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NAZARETH HIGH SCHOOL
STADIUM PRESS BOX
REFURBISHMENT
501 E CENTER STREET
NAZARETH, PA 18064

No.	Submittal / Revision	Appr	By	Date
1	ADDENDUM 2	MCD	ETT	09/16/2026

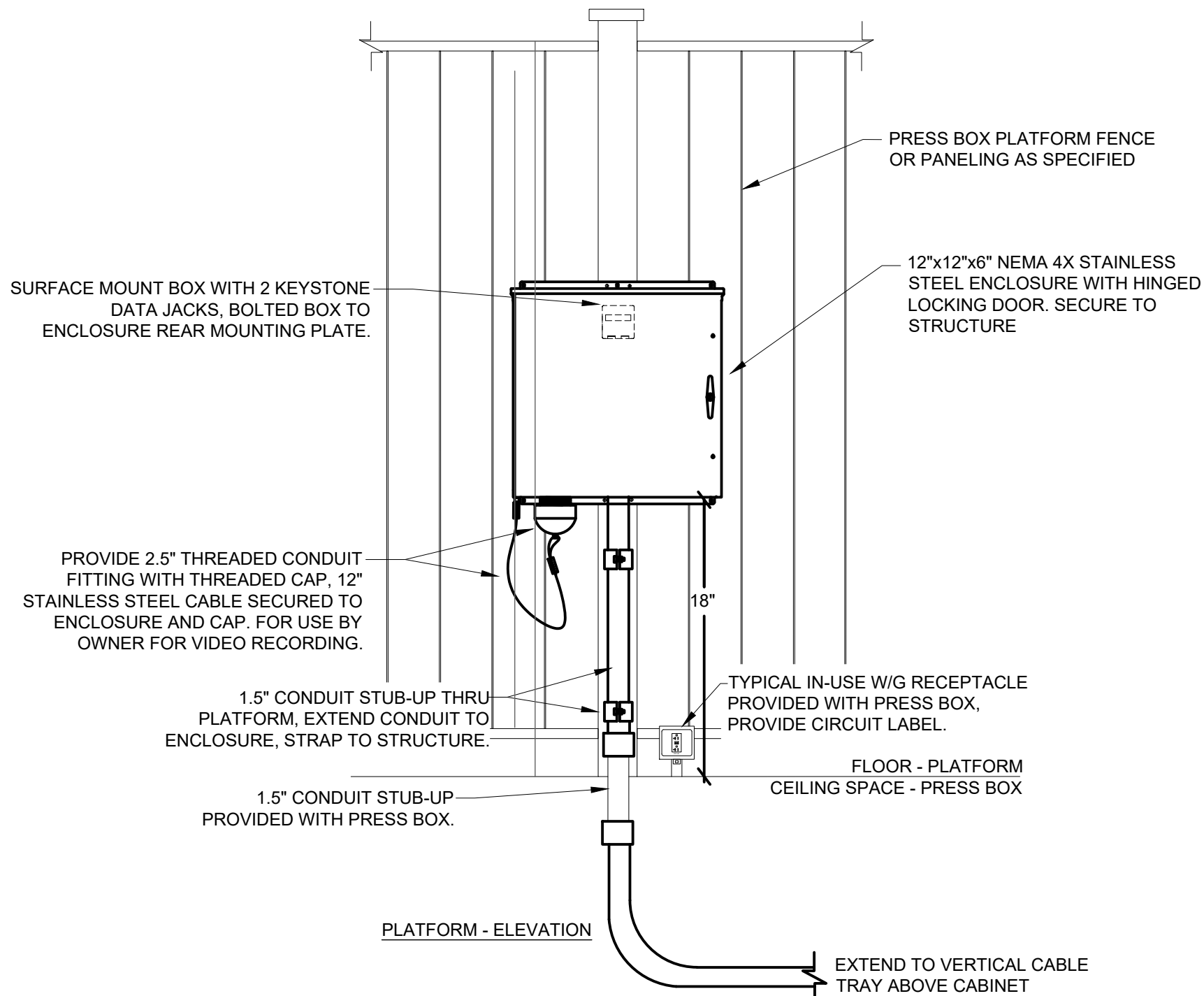
ELECTRICAL
PLANS
BASE BID B

Designed By: MCD	Drawn By: MCD	Checked By: MCD
Issue Date: 09/14/26	Project No.: 106040	Scale: AS SHOWN

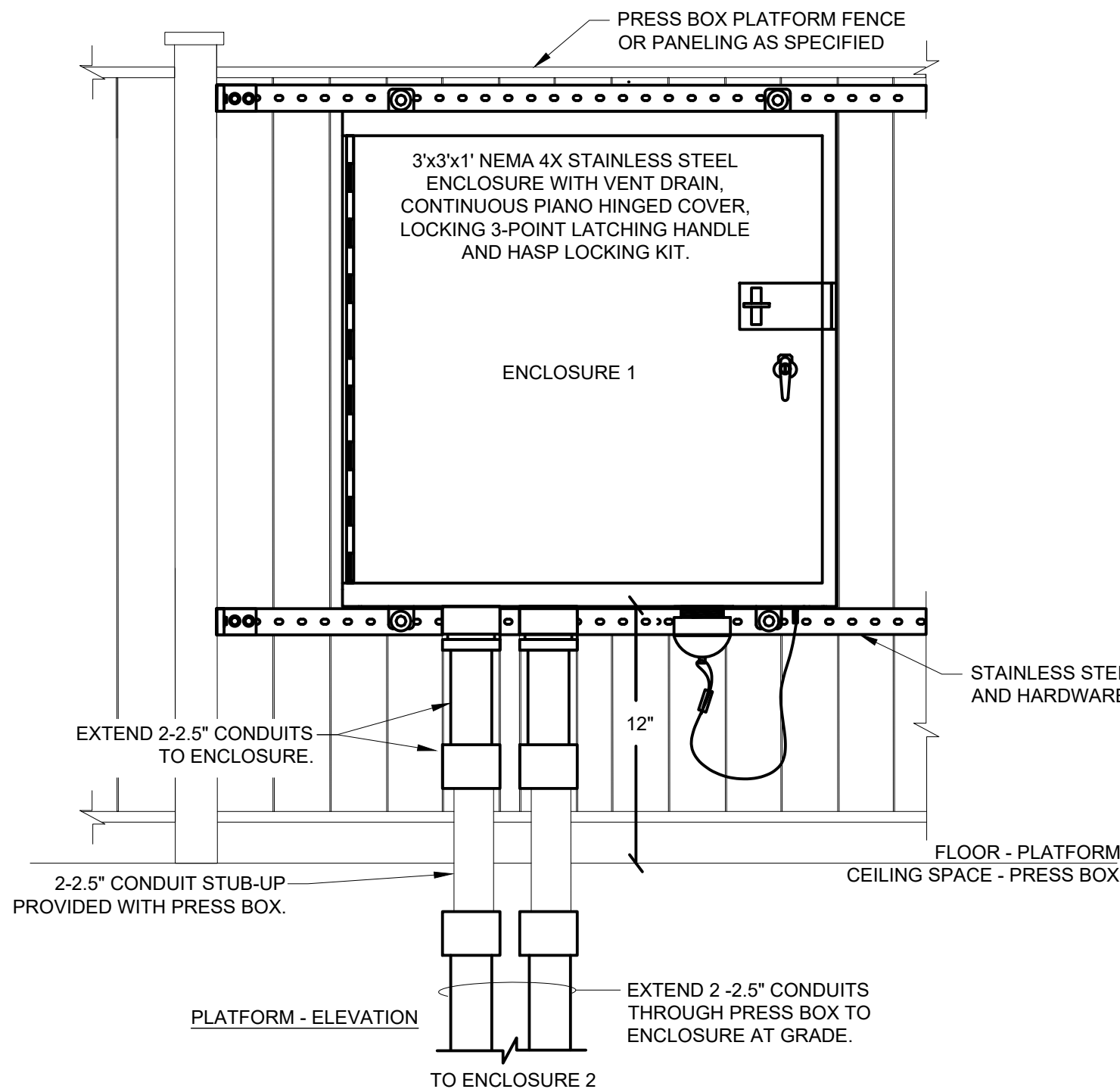
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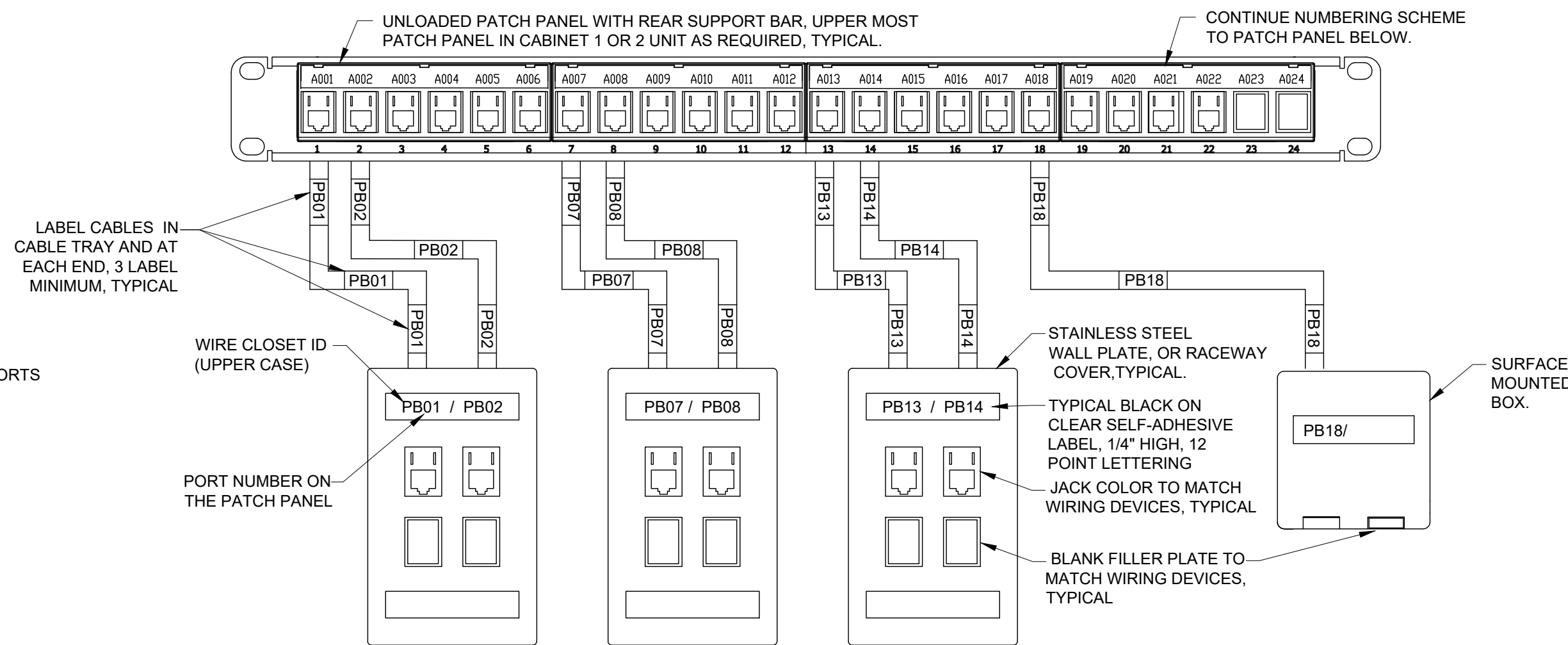
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ENCLOSURE 3A & 3B SUPPORT AND MOUNTING
NOT TO SCALE
NOTES: 1. PROVIDE STAINLESS STEEL HARDWARE.
2. SEAL CONDUIT OPENING IN THE ENCLOSURE.

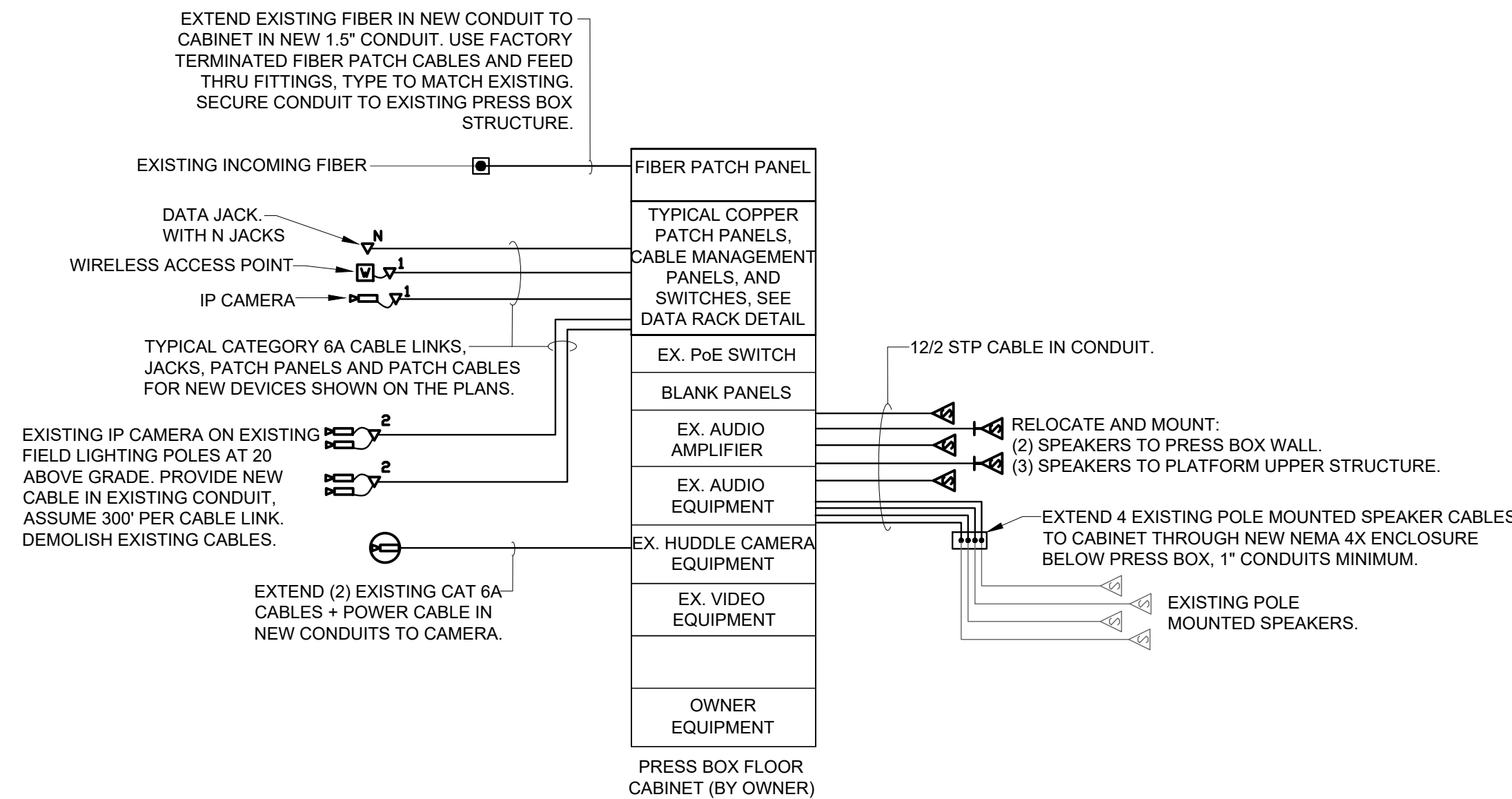


ENCLOSURE 1 SUPPORT AND MOUNTING
NOT TO SCALE
NOTES: 1. PROVIDE STAINLESS STEEL HARDWARE.



TYPICAL TELEDATA LABELING DETAIL

- NOT TO SCALE
- NOTES: 1. FILL UNUSED OPENINGS WITH BLANK MODULES, COLOR TO MATCH WIRING DEVICES.
2. PATCH PANELS ARE TO BE LABELED IN CONSECUTIVE ORDER STARTING AT RACK LETTER, PORT 001. FACE PLATE SHALL IDENTIFY RACK LETTER AND PORT NUMBER FOR EACH JACK.
3. PROVIDE 20% SPARE PATCH PANEL OUTLETS AND PORTS IN PATCH PANELS.
4. LABELING SCHEME SHOWN IS AN EXAMPLE. PROVIDE LABELING OF TELEDATA CABLES, PATCH PANELS, AND JACKS AS DEFINED BY OWNER IN WRITING.
5. PATCH PANEL JACK AND CABLES SHALL BE COLOR CODED AS FOLLOWS:
- Wireless access points - white.
 - Video surveillance - green.
 - Data, phone, others - blue.



TYPICAL TELEDATA RISER DIAGRAM

NO SCALE

DIAGRAM NOTES

- PUNCH DOWN DATA OUTLETS, WIRELESS ACCESS JACKS AND CAMERAS THRU CATEGORY 6A PATCH PANELS WITH KEYSTONE JACKS.
- PROVIDE NEW FIBER PATCH PANELS, JACKS TO MATCH EXISTING FIBER. CABINET, NETWORK SWITCHES AND PATCH CABLES BY OWNER.
- PROVIDE #8 CONDUCTOR FROM GROUNDING TERMINAL ON CABINET TO NEAR BY BUILDING STRUCTURAL STEEL. BOND CABINET. BOND EACH POWERED PIECE OF EQUIPMENT IN THE RACK OR CABINET TO THE BONDING TERMINAL WITH A DEDICATED #12 BONDING CONDUCTOR.
- PROVIDE WET LOCATION RATED PATCH CABLES BETWEEN SURFACE MOUNTED DEVICES AND OUTDOOR EQUIPMENT.
- VIDEO EQUIPMENT CONNECTIONS AND OTHER AUDIO EQUIPMENT CONNECTIONS NOT SHOWN BY OWNER.

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ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND
SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE
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DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION
OF THE ALTERATION.

NAZARETH HIGH SCHOOL
STADIUM PRESS BOX
REFURBISHMENT

501 E CENTER STREET
NAZARETH, PA 18064

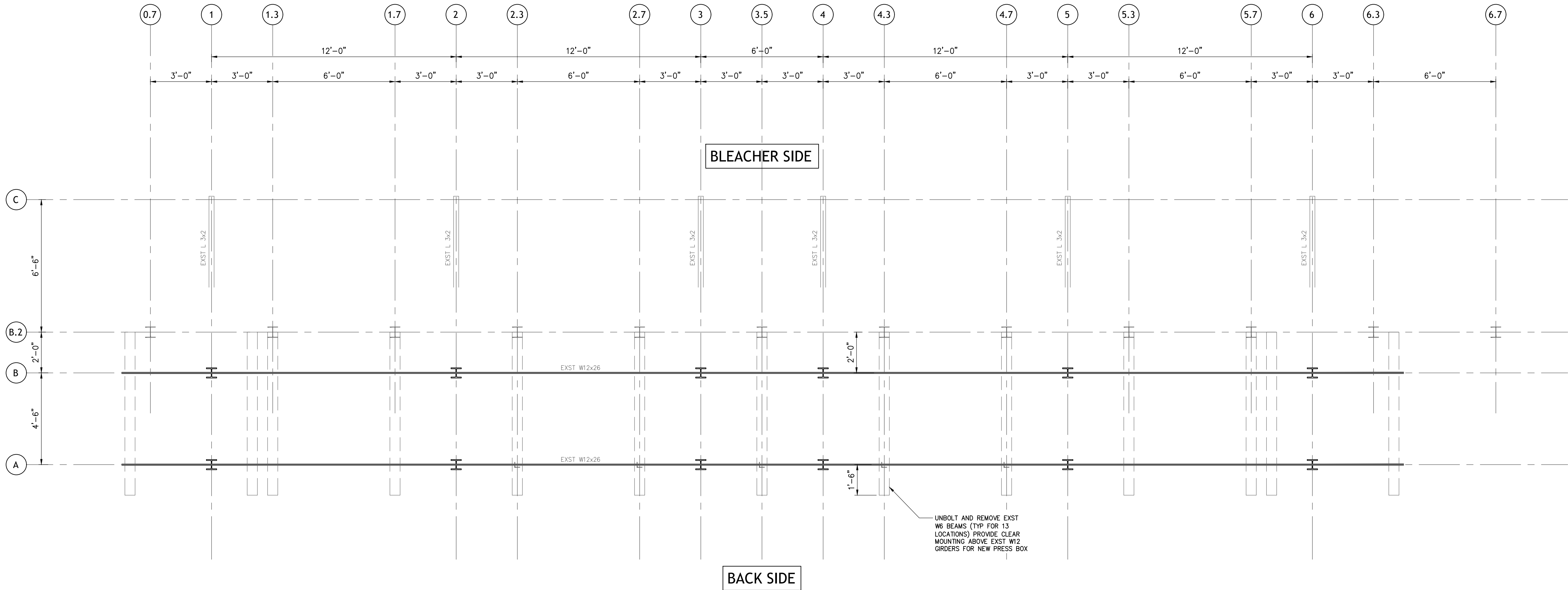
No.	Submittal / Revision	Appr	By	Date
1	ADDENDUM 2	MCD	ETT	09/16/2026

DETAILS BASE BID B

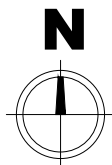
Designed By: MCD	Drawn By: MCD	Checked By: MCD
Issue Date: 09/14/26	Project No.: 106040	Scale: AS SHOWN

Drawing No.:
E-701B

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1 PRESS BOX DUNNAGE STEEL — DEMOLITION PLAN
3/8" = 1'-0"



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STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING
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SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE
INITIALS, ALTERED BY, FOLLOWED BY THEIR SIGNATURE, THE
DATE OF SUCH ALTERATION, AND A BRIEF DESCRIPTION
OF THE ALTERATION.

**NAZARETH AREA SCHOOL
DISTRICT
STADIUM PRESS BOX
REPLACEMENT**

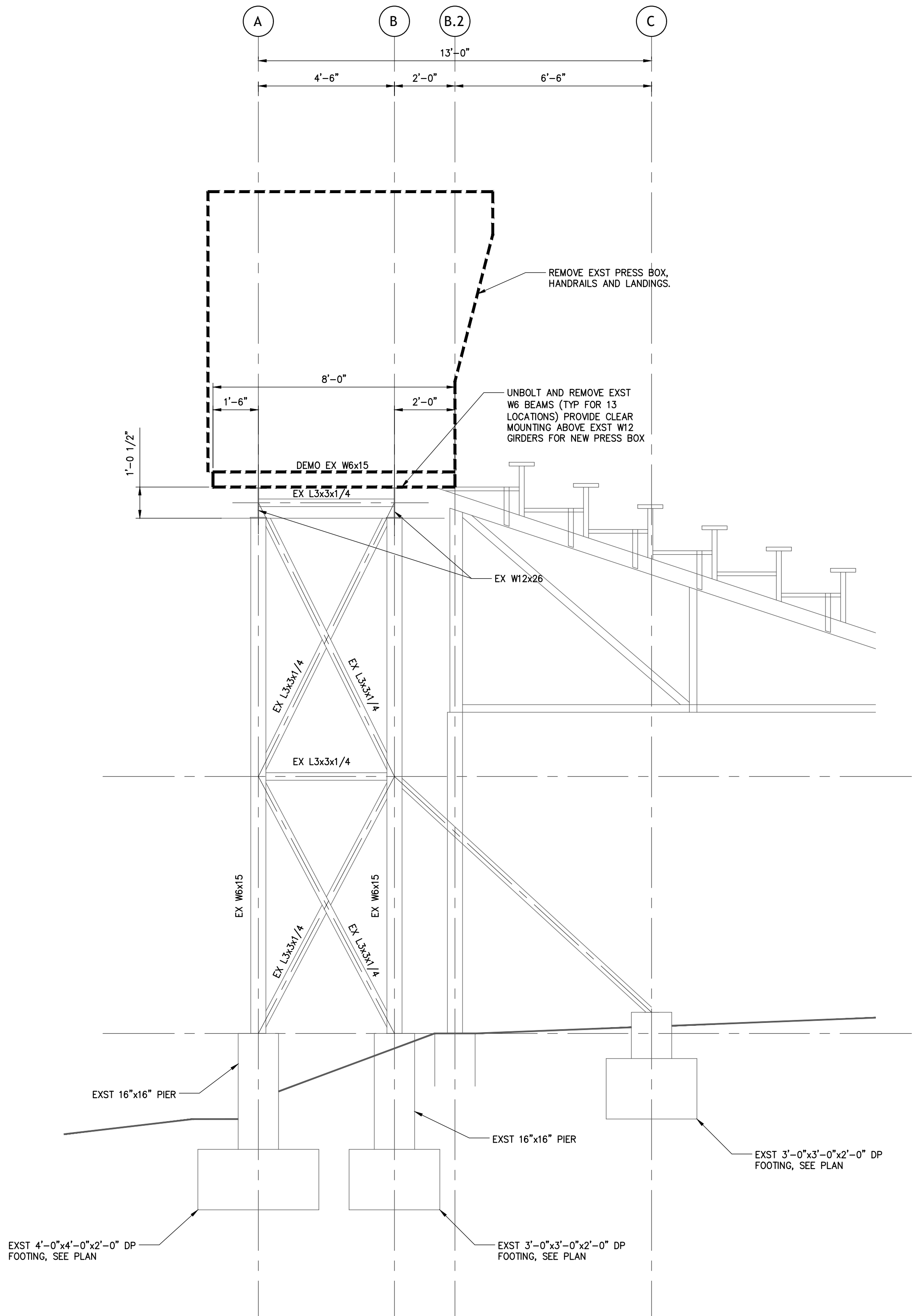
501 E CENTER STREET
NAZARETH, PA 18064

SUPPORT FRAMING

No.	Submittal / Revision	Appr	By	Date
	ADDENDUM	PG	BG	09/16/26

DEMOLITION FRAMING PLAN BASE BID B		
Designed By: MLP	Drawn By: BEG	Checked By: PMG
Issue Date: 09/14/26	Project No.: 106040	Scale: AS SHOWN

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

BID SET

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ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND
SURVEYOR TO ALTER ANY ITEM IN ANY WAY, IF AN OTHER REASONING THE
STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING
ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND
SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE
MODIFICATION, ALTERED BY, FOLLOWED BY THEIR SIGNATURE, THE
DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION
OF THE ALTERATION.

NAZARETH AREA SCHOOL
DISTRICT
STADIUM PRESS BOX
REPLACEMENT

501 E CENTER STREET
NAZARETH, PA 18064

SUPPORT FRAMING

No.	Submittal / Revision	Appr	By	Date
1	ADDENDUM	PG	BG	09/16/26

EXISTING EAST
ELEVATION -
DEMOLITION
BASE BID B

Designed By: MLP	Drawn By: BEG	Checked By: PMG
Issue Date: 09/14/26	Project No.: 106040	Scale: AS SHOWN

Drawing No.: D-501B

BID SET

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NAZARETH AREA SCHOOL
DISTRICT
STADIUM PRESS BOX
REPLACEMENT

501 E CENTER STREET
NAZARETH, PA 18064

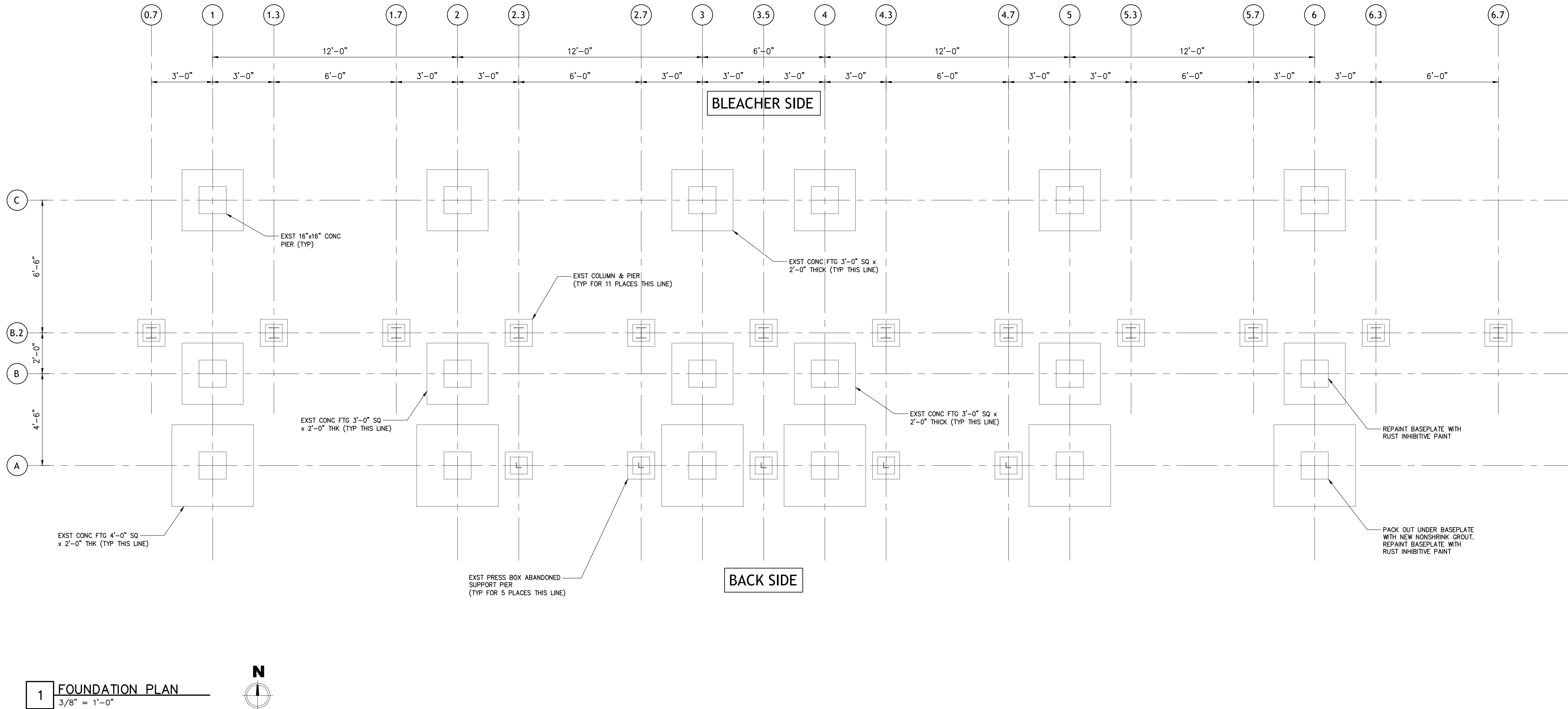
SUPPORT FRAMING

No.	Submittal / Revision	Appr	By	Date
1	ADDENDUM	PG	BG	09/16/26

EXISTING
FOUNDATION
PLAN
BASE BID B

Designed By: MLP	Drawn By: BEG	Checked By: PMG
Issue Date: 09/14/26	Project No.: 106040	Scale: AS SHOWN

Drawing No.: 2	S-100B
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GENERAL NOTES

- THE WORK SHOWN ON THESE DRAWINGS HAS BEEN DESIGNED IN ACCORDANCE WITH THE STRUCTURAL REQUIREMENTS OF THE 2021 INTERNATIONAL BUILDING CODE, AS AMENDED BY THE COMMONWEALTH OF PENNSYLVANIA.
- THE STRUCTURAL FRAME BASIS OF DESIGN HAS BEEN DESIGNED AND EVALUATED FOR THE NEW PRESS BOX LOADS AS SUPPLIED BY SOUTHERN BLEACHERS.
NEW PRESS BOX AND ROOF CANOPY WEIGHT = 27,000 POUNDS.
- THE PORTIONS OF THE EXISTING STRUCTURE AFFECTED BY THIS WORK HAVE BEEN ANALYZED USING THE LOADS LISTED ABOVE AND FOUND TO BE CAPABLE OF SUPPORTING THE ADDITIONAL LOADS, EXCEPT WHERE STRENGTHENING WORK IS IMPOSED BY THIS WORK INDICATED ON THE PLANS.
- THIS STRUCTURE HAS BEEN DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE CONSTRUCTION OF THE SUPPORTING STRUCTURE HAS BEEN COMPLETED. THE STABILITY OF THE STRUCTURE PRIOR TO COMPLETION IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR. THIS RESPONSIBILITY EXTENDS TO ALL RELATED ASPECTS OF THE CONSTRUCTION ACTIVITY INCLUDING, BUT NOT LIMITED TO, ERECTION METHODS, ERECTION SEQUENCE, TEMPORARY BRACING, SHORING, USE OF EQUIPMENT, AND SIMILAR CONSTRUCTION PROCEDURES. REVIEW OF THE CONSTRUCTION BY THE ENGINEER IS FOR CONFORMANCE WITH DESIGN ASPECTS ONLY, NOT TO REVIEW THE CONTRACTOR'S CONSTRUCTION PROCEDURES. LACK OF COMMENT ON THE PART OF THE ENGINEER WITH REGARD TO CONSTRUCTION PROCEDURES IS NOT TO BE INTERPRETED AS APPROVAL OF THOSE PROCEDURES.
- JOB SITE SAFETY IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR. REVIEW OF THE CONSTRUCTION BY THE ENGINEER IS FOR CONFORMANCE WITH DESIGN ASPECTS ONLY, NOT TO REVIEW THE CONTRACTOR'S PROVISIONS FOR JOB SITE SAFETY. LACK OF COMMENT ON THE PART OF THE ENGINEER WITH REGARD TO JOB SITE SAFETY IS NOT TO BE INTERPRETED AS APPROVAL OF JOB SITE SAFETY ASPECTS.
- IF FAULTY CONSTRUCTION PROCEDURES, OR MATERIAL, RESULT IN DEFECTIVE WORK THAT REQUIRES ADDITIONAL ENGINEERING TIME TO DEVISE CORRECTIVE MEASURES, PROFESSIONAL FEES MAY BE CHARGED TO THE CONTRACTOR AT THE STANDARD HOURLY RATE OF ADDITIONAL SERVICES. SUCH FEES MAY BE WITHHELD FROM THE CONTRACTOR'S PAYMENT.

BASIS OF DESIGN

DEAD LOADS:		
PRESS BOX	LOWER LEVEL	50 PSF
PRESS BOX	UPPER CANOPY LEVEL	20 PSF
LIVE LOADS:		
PRESS BOX	LOWER LEVEL	100 PSF
PRESS BOX	UPPER CANOPY LEVEL	50 PSF
SNOW LOAD:		
GROUND SNOW		30 PSF
FLAT ROOF SNOW LOAD PF = 0.7 * CE * CT * IS * PG		23.1 PSF USE 30 PSF

STRUCTURAL STEEL NOTES:

- DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS", AS ADOPTED AUGUST 1, 2022, BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, LATEST EDITION.
- MATERIALS:
STRUCTURAL STEEL..... ASTM A 992
PLATES AND ANGLES..... ASTM A-36
BOLTS..... ASTM F3125 Gr A325
WELDING ELECTRODE..... ASTM E 70XX LOW HYDROGEN
STRUCTURAL TUBES..... ASTM A500 GRADE C, 50 KSI
- ALL WELDING SHALL CONFORM TO THE CODE FOR ARC AND GAS WELDING IN BUILDING CONSTRUCTION OF THE AMERICAN WELDING SOCIETY, AND BE PERFORMED BY A CERTIFIED WELDER IN ACCORDANCE WITH A.W.S. STANDARDS.
- CERTIFICATES OF COMPLIANCE ARE REQUIRED TO BE SUBMITTED TO THE ENGINEER FOR STRUCTURAL STEEL, BOLTS, NUTS, WASHERS, AND WELD FILLER MATERIAL PRIOR TO THE FABRICATION OF ANY STEEL.
- PROVIDE NEW STEEL CONNECTIONS UNDER NEW PRESS BOX AND LANDING. STEEL SHALL BE AS DETAILED ON DRAWINGS.

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STADIUM PRESS BOX
REPLACEMENT

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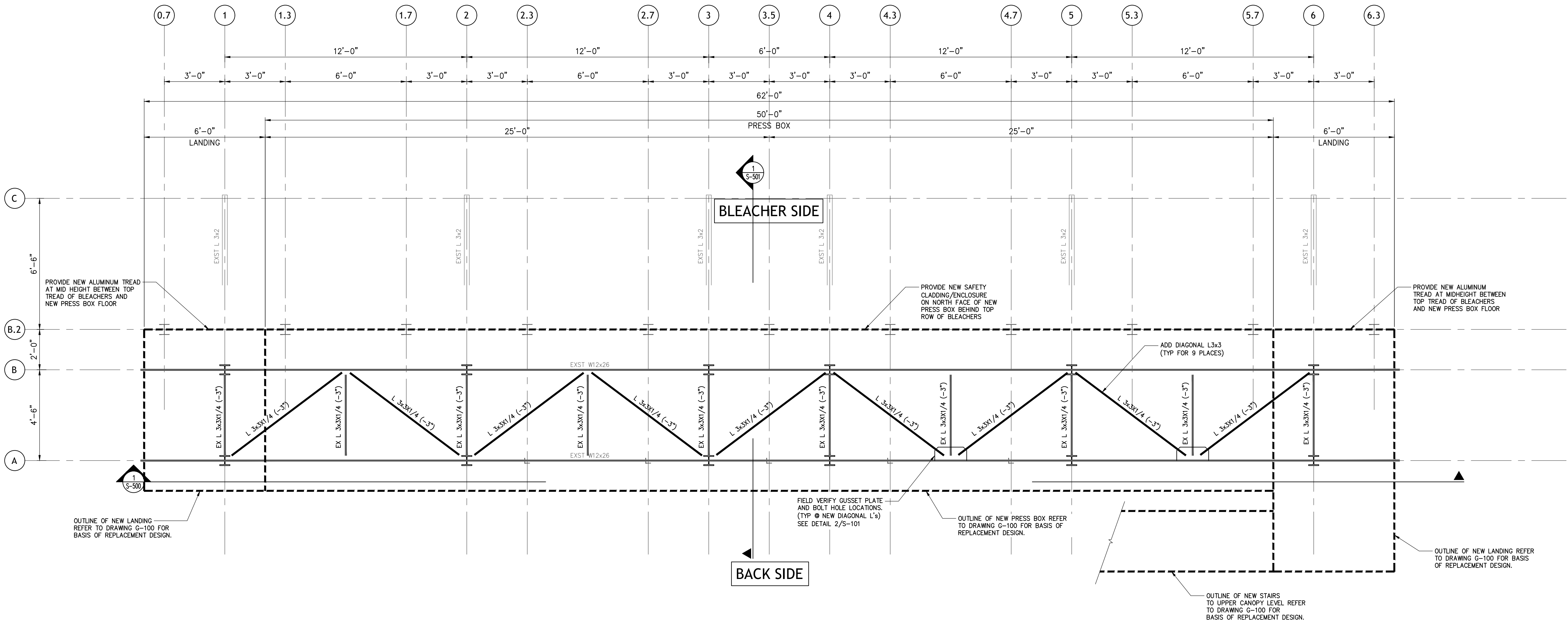
SUPPORT FRAMING

No.	Submittal / Revision	Appv	By	Date
1	ADDENDUM	PG	BG	09/16/26

FRAMING
PLAN
BASE BID B

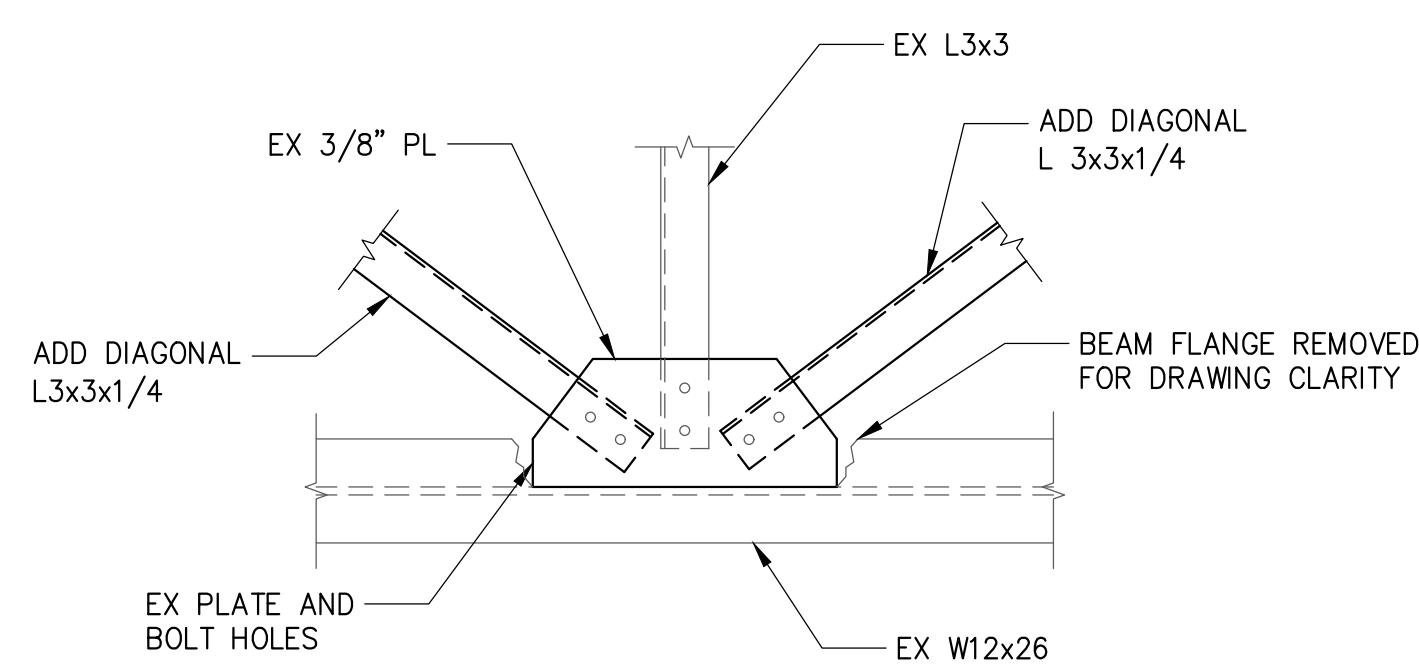
Designed By: MLP	Drawn By: BEG	Checked By: PMG
Issue Date: 09/14/26	Project No.: 106040	Scale: AS SHOWN

Drawing No.: 2	S-101B
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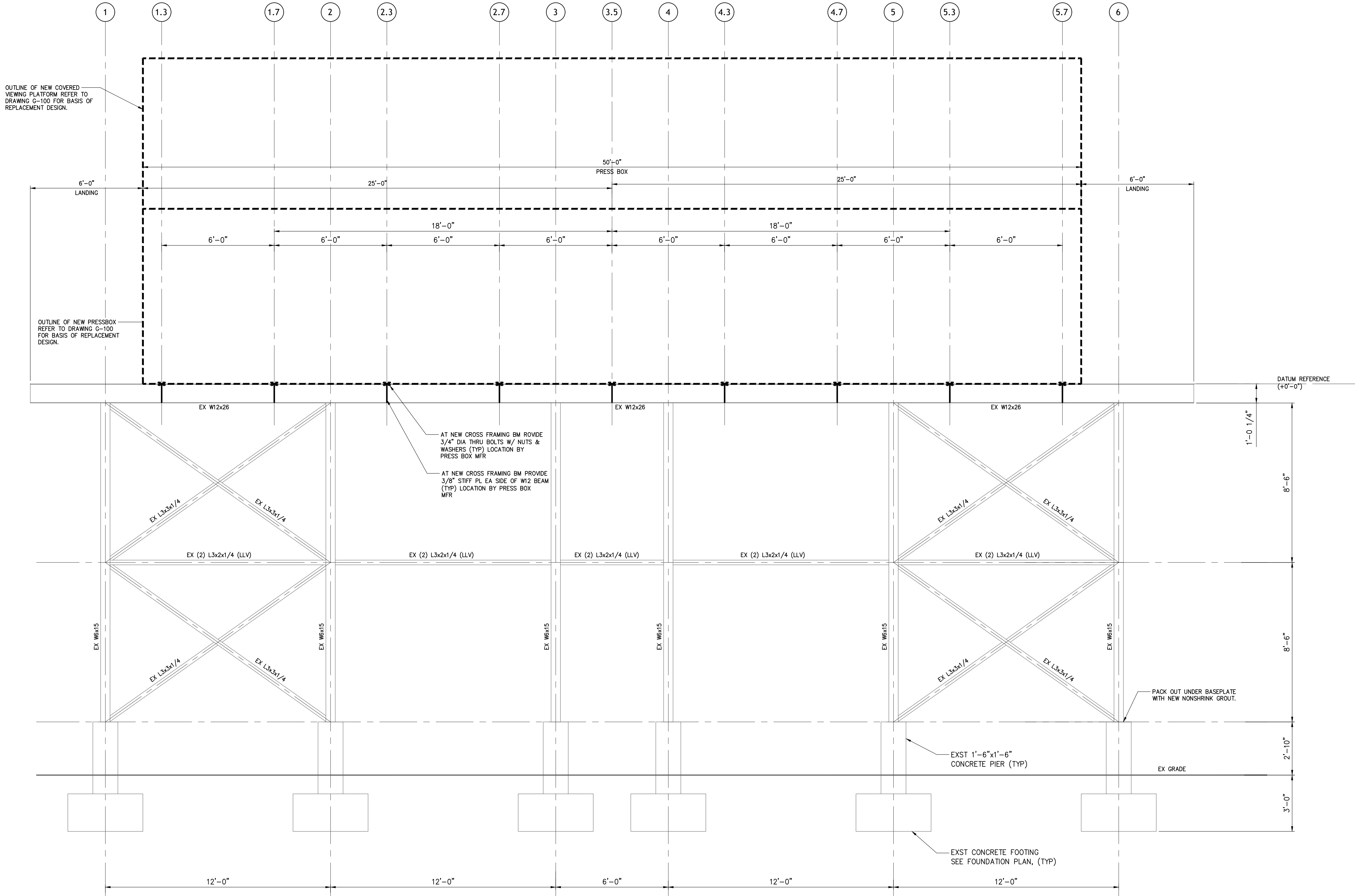
1 FRAMING PLAN
3/8" = 1'-0"

NOTES:
1. REFER TO DRAWING G-100 FOR BASIS OF REPLACEMENT DESIGN.



2 HORIZONTAL TRUSS CONNECTION
3/4" = 1'-0"

File: V:\PROJECTS\ANY\7106040.000\09 - DESIGN\DRAWINGS\STRUCTS\500 - EXISTING ELEVATIONS - RECOVER.DWG
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1 NORTH ELEVATION NEW PRESS BOX
3/8" = 1'-0"

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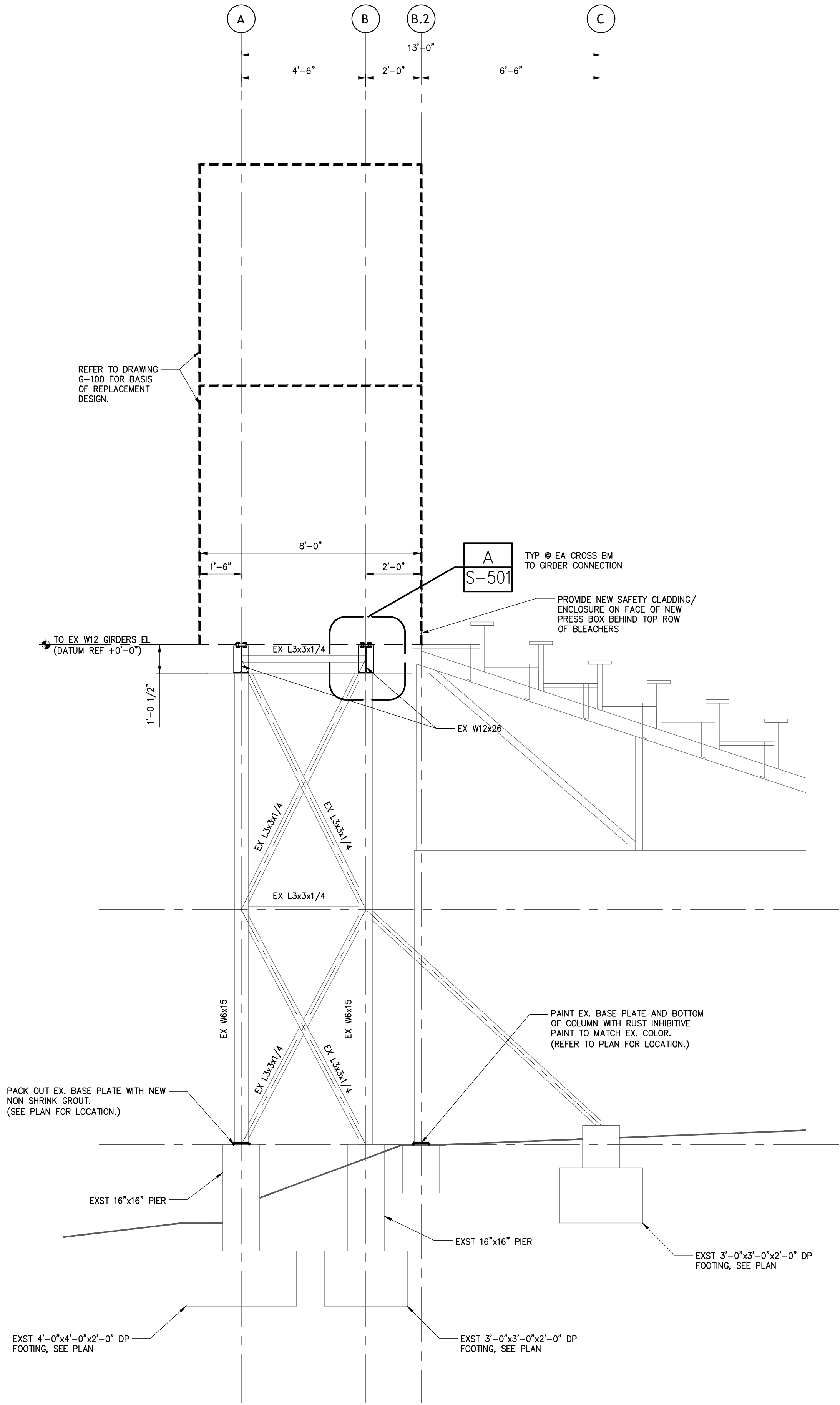
SUPPORT FRAMING

No.	Submittal / Revision	Appr	By	Date
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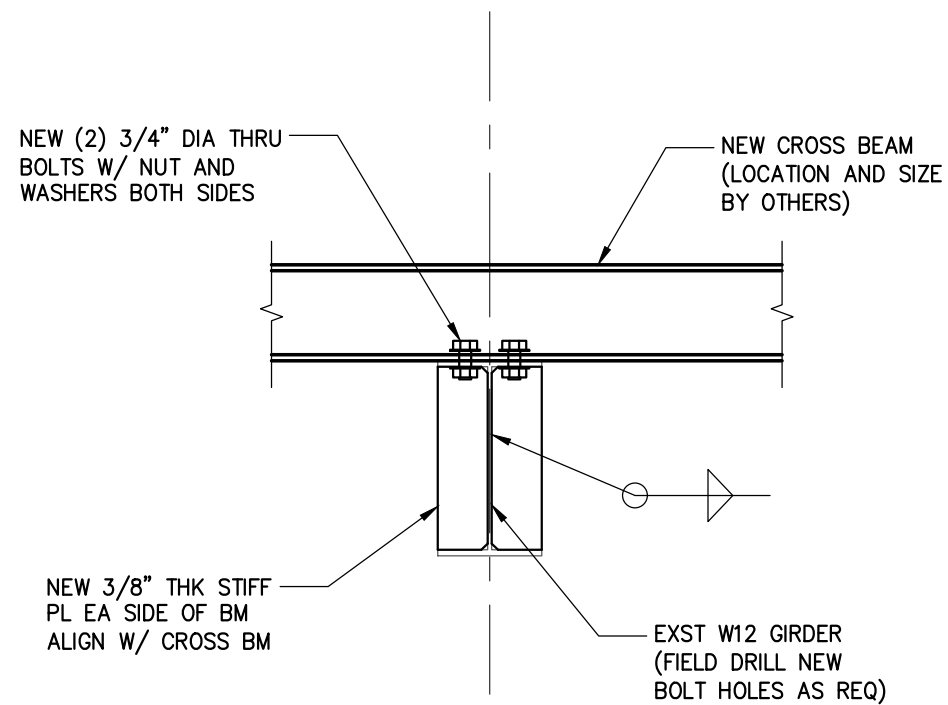
EXISTING
NORTH
ELEVATION
BASE BID B

Designed By: MLP	Drawn By: BEG	Checked By: PMG
Issue Date: 09/14/26	Project No.: 106040	Scale: AS SHOWN

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



A DETAIL
1" = 1'-0"

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NAZARETH AREA SCHOOL DISTRICT STADIUM PRESS BOX REPLACEMENT

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EAST ELEVATION BASE BID B

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