

PRESS BOX RENOVATION TO
HIGH SCHOOL ATHLETIC FIELD
FOR
TH AREA SCHOOL
ONE EDUCATION PLAZA
NAZARETH, PA 18064

SEPT. 2026

CHA PROJECT NO. 106040

PROJECT DRAWING LIST

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LOCATION MAP 

NAZARETH HIGH SCHOOL ATHLETIC FIELD
501 CENTER STREET
NAZARETH, PA 18064

GENERAL NOTES:

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.



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NAZARETH HIGH SCHOOL

501 E CENTER STREET
NAZARETH, PA 18064

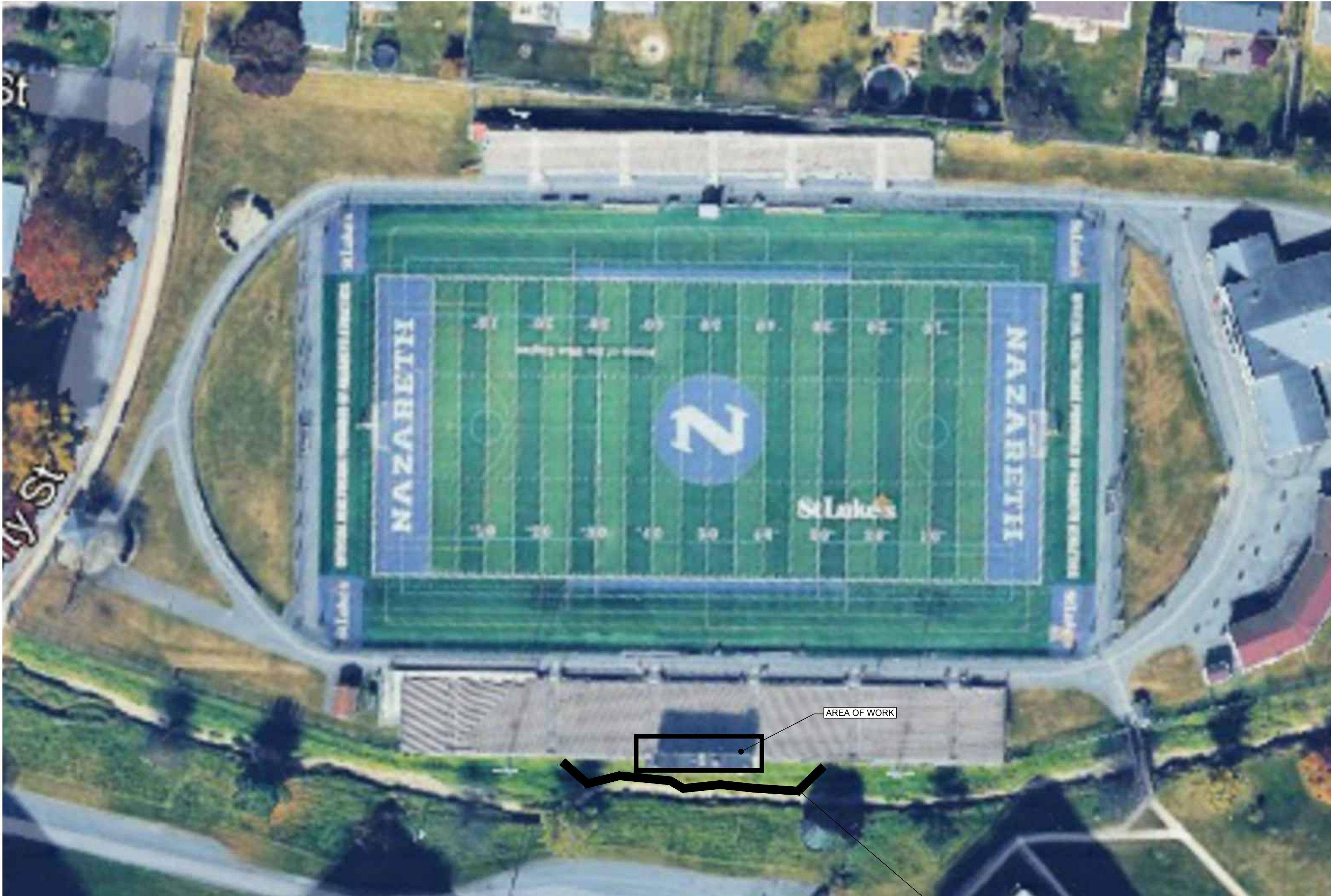
No.	Submittal / Revision	Appr	By	Date

COVER SHEET

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

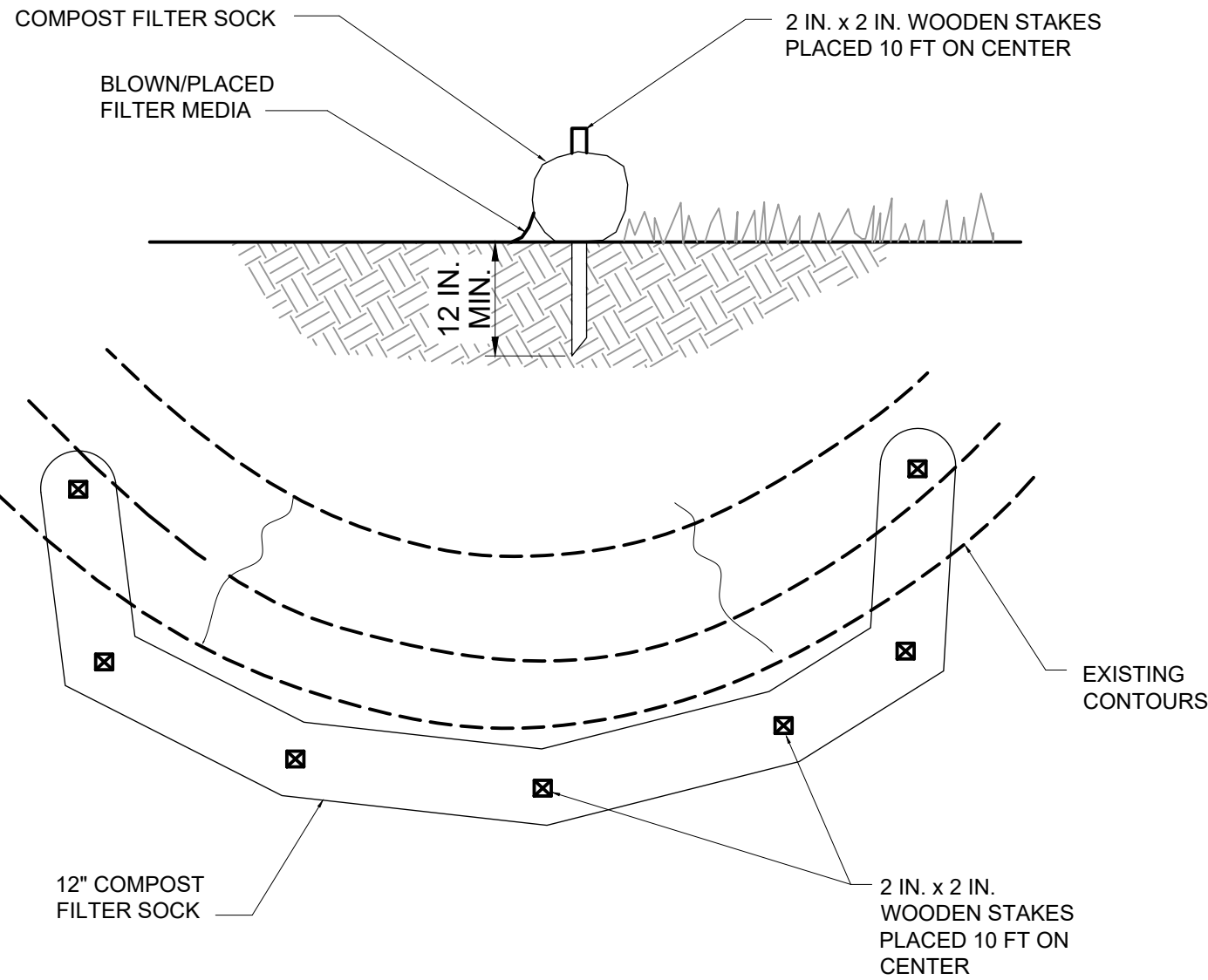
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NAZARETH HIGH SCHOOL ATHLETIC FIELD

SCALE: NTS



- 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.

1 EROSION CONTROL FILTER SOCK DETAIL
SP-1.0 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.

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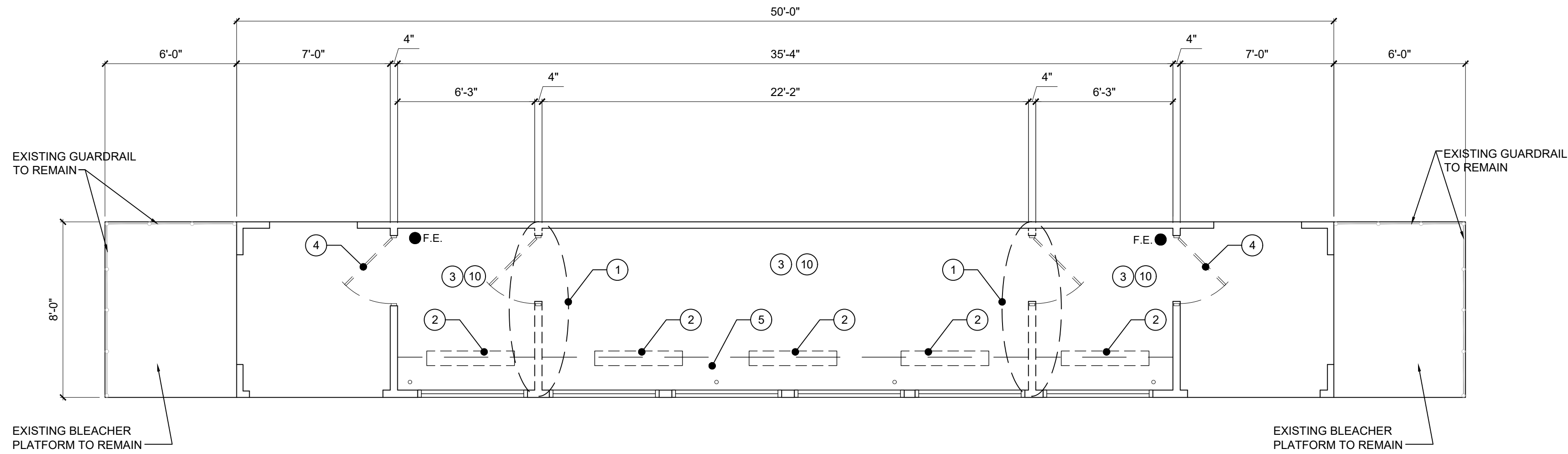
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SITE PLAN
BASE BID A

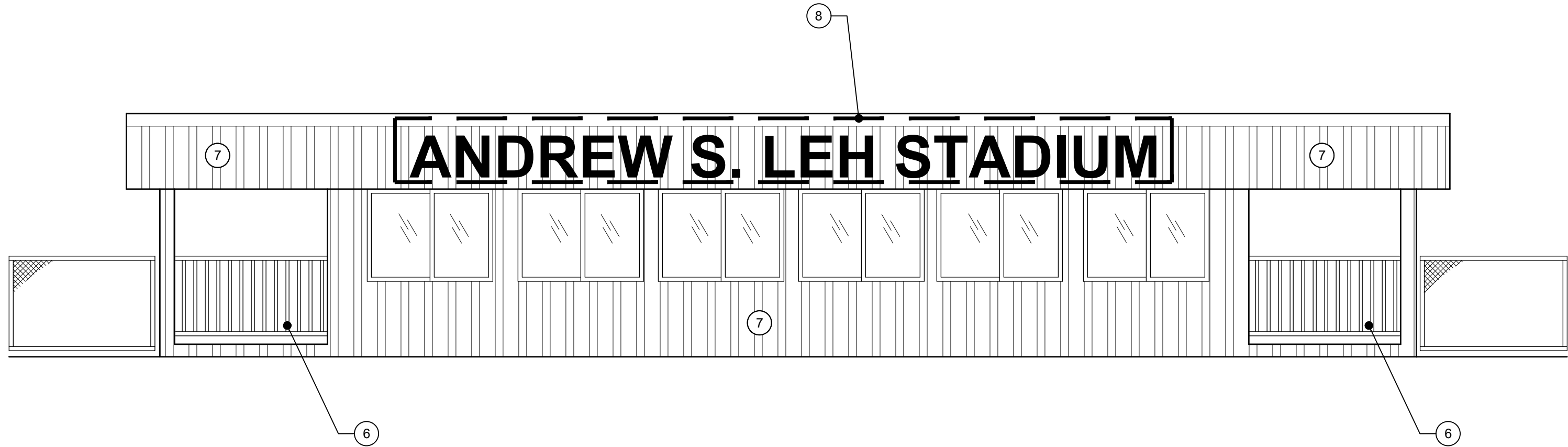
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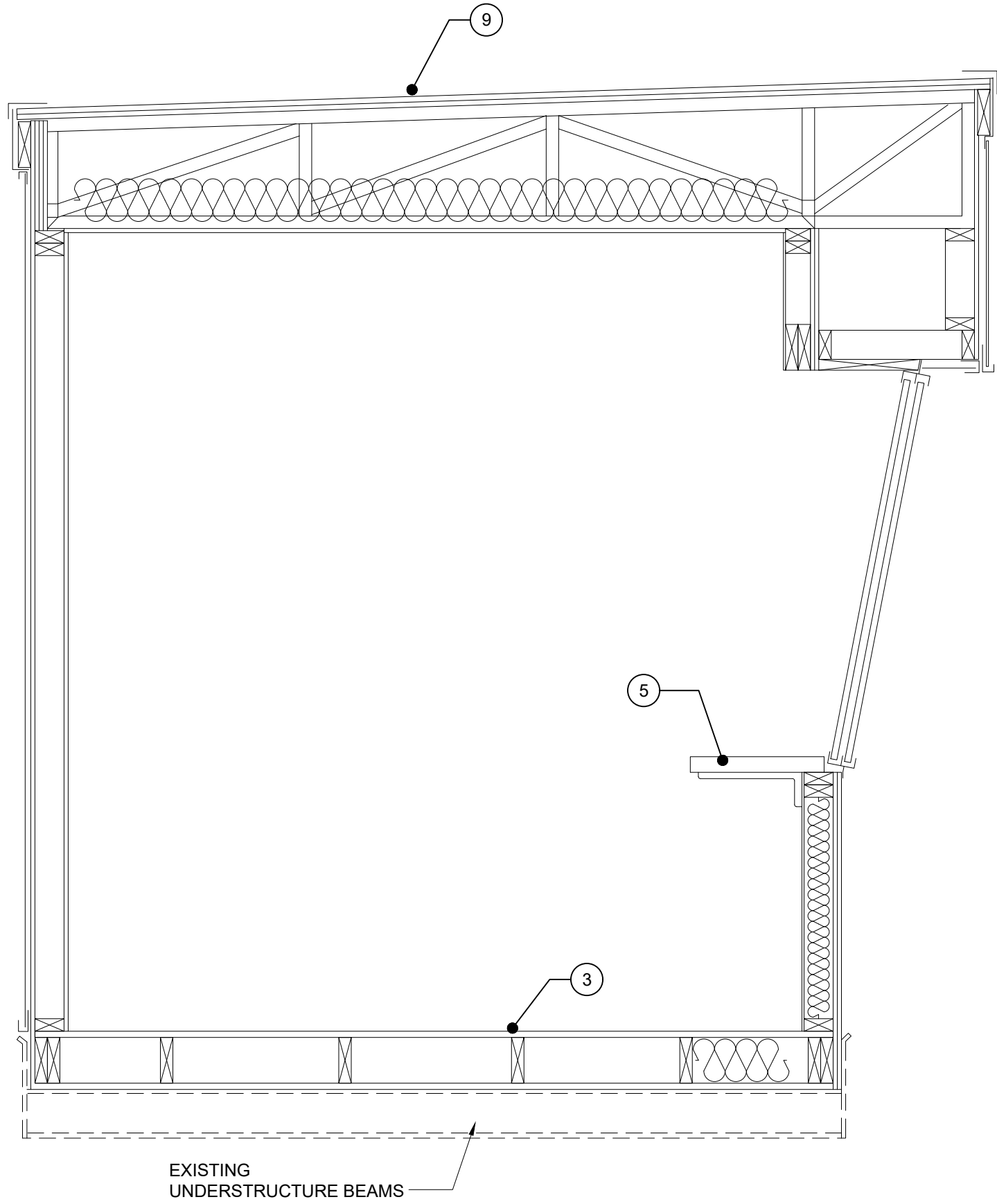
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1 NAZARETH HIGH SCHOOL PRESS BOX FLOOR PLAN - DEMOLITION
D-1.00 SCALE: 1/4"=1'-0"



2 NAZARETH HIGH SCHOOL PRESS BOX - ELEVATION - DEMOLITION
D-1.00 SCALE: 1/4"=1'-0"



3 NAZARETH HIGH SCHOOL PRESS BOX - SECTION - DEMOLITION
D-1.00 SCALE: 3/4"=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.

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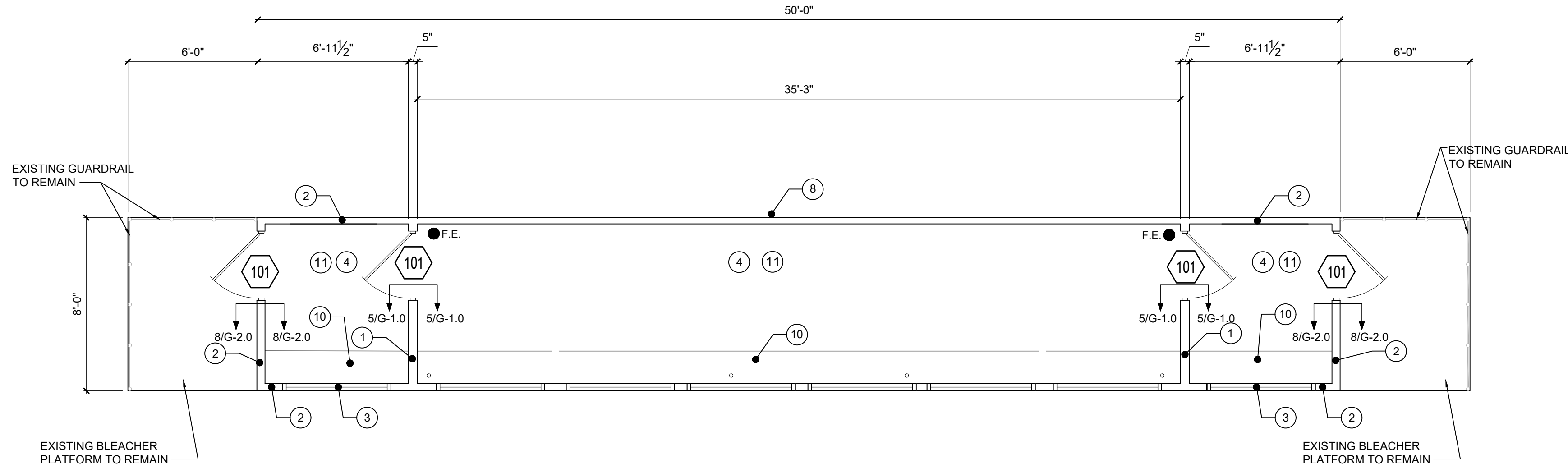
DEMOLITION
PLAN
BASE BID A

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Issue Date:	Project No.:	Scale:
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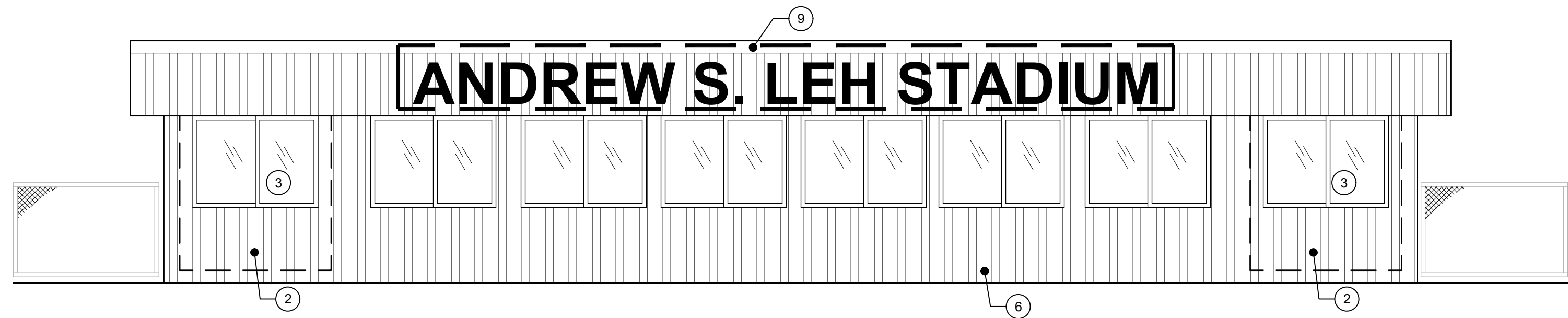
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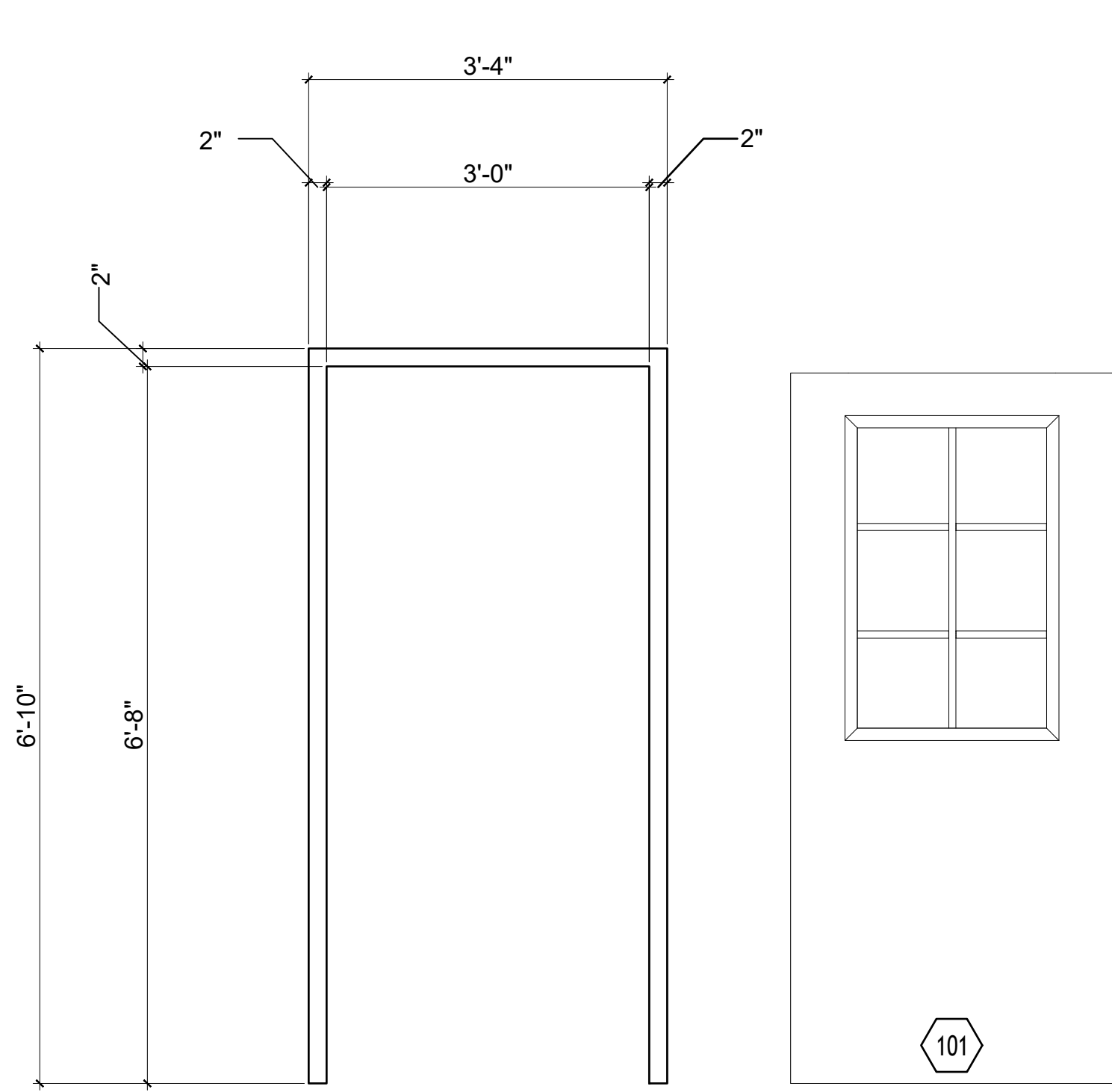
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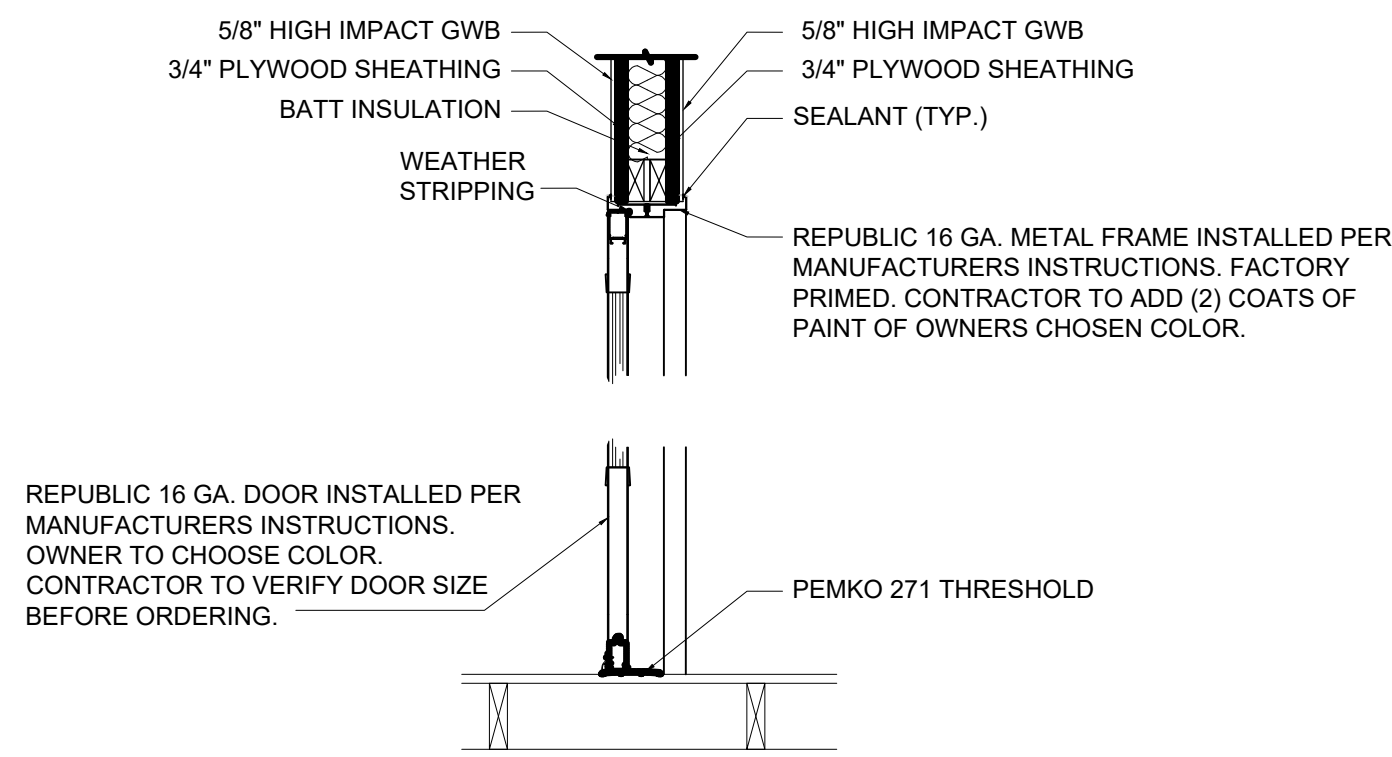
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G-1.00 SCALE: 1/4"=1'-0"



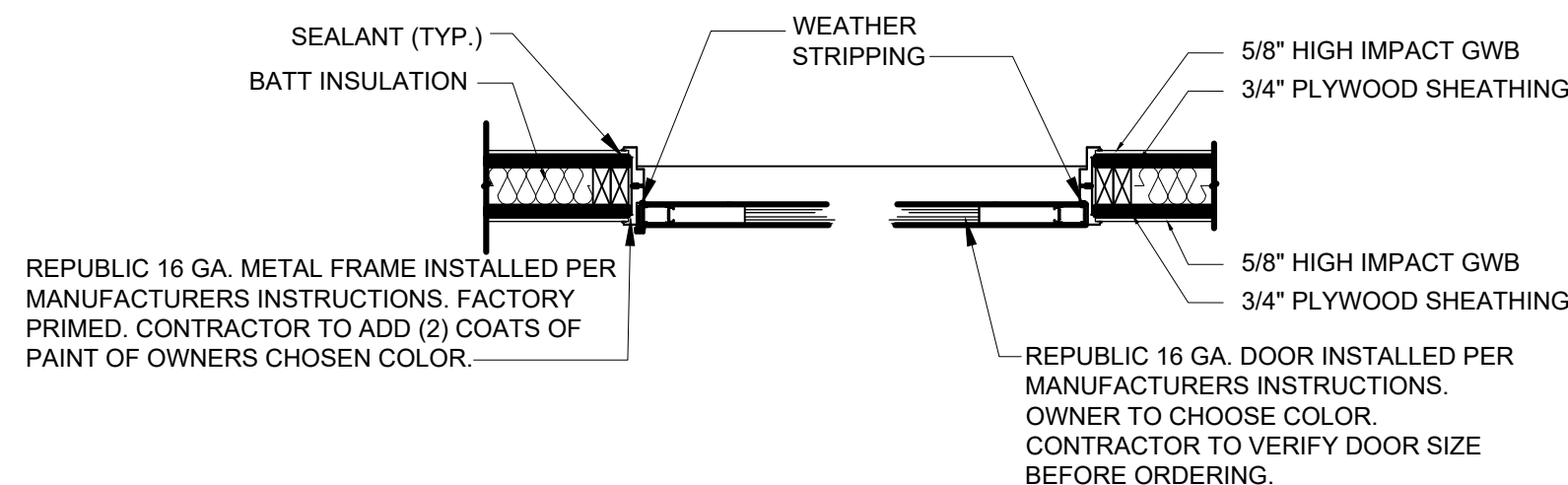
2 NAZARETH HIGH SCHOOL PRESS BOX - ELEVATION - NEW WORK
G-1.00 SCALE: 1/4"=1'-0"



4 FRAME AND DOOR DETAIL
G-1.0 SCALE: NTS



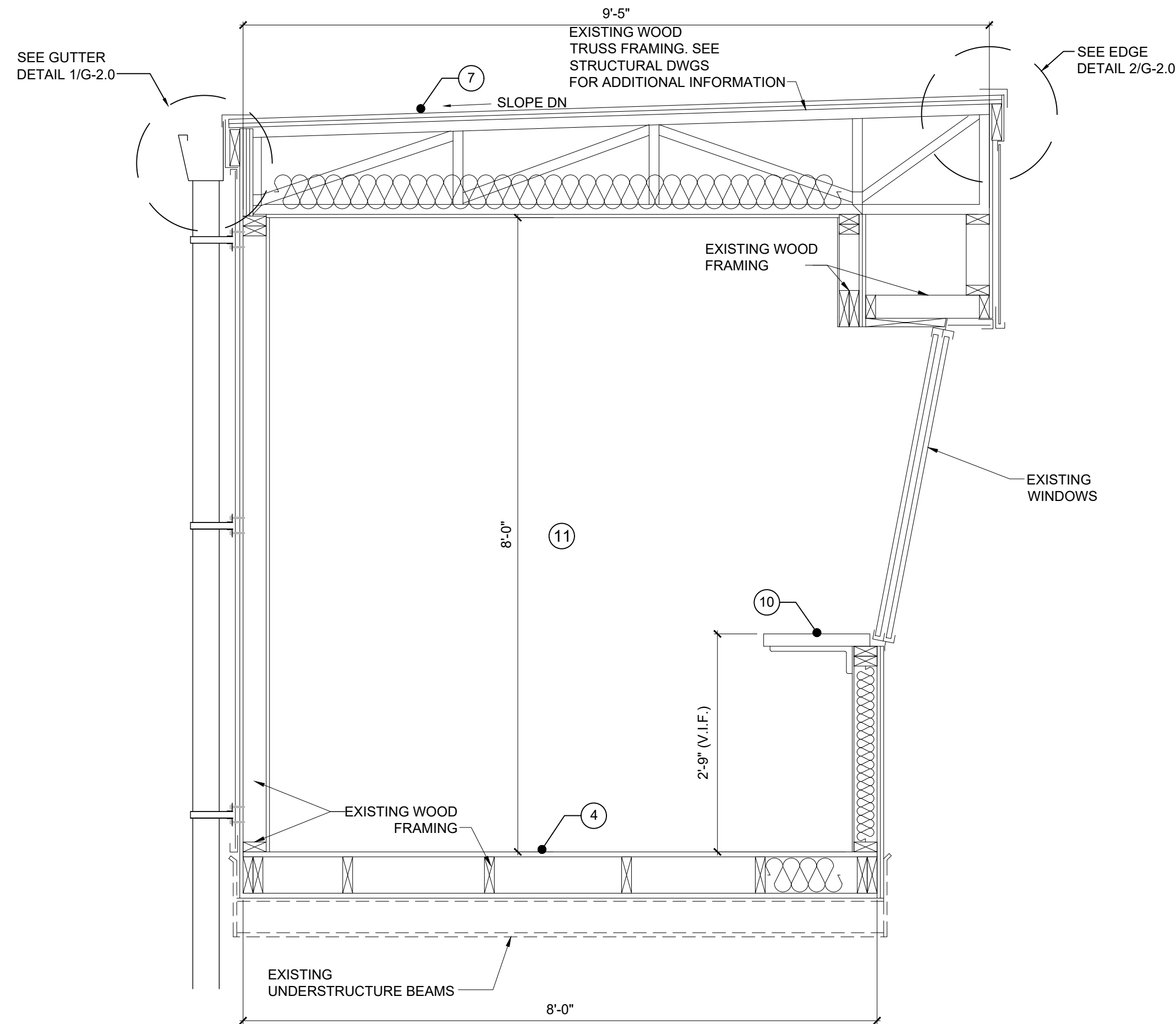
5 DOOR HEAD AND SILL DETAIL
G-1.0 SCALE: NTS



6 DOOR JAMB DETAIL
G-1.0 SCALE: NTS

KEYED NEW WORK NOTES:

- 1 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
- 2 CONTRACTOR TO PROVIDE ALL NECESSARY MATERIALS TO INFILL WALL. SEE STRUCTURAL DWGS FOR MORE INFORMATION. ALSO SEE DETAIL 8/G-2.0
- 3 CONTRACTOR TO PROVIDE AND INSTALL NEW WINDOWS. NEW WINDOWS TO MATCH EXISTING EXISTING SLOPE WINDOWS IN KIND.
- 4 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.
- 5 CONTRACTOR TO PROVIDE AND INSTALL NEW INSULATED FIBERGLASS HALF-LITE DOOR. GC TO COORDINATE COLOR WITH OWNER.
- 6 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.
- 7 CONTRACTOR TO PROVIDE AND INSTALL NEW EPDM ROOFING MEMBRANE PER MANUFACTURERS INSTRUCTIONS. SEE EDGE DETAILS 1,2/G-2.0.
- 8 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.
- 9 NAZARETH AREA SCHOOL DISTRICT TO PROVIDE AND INSTALL NEW LETTERING. GC TO COORDINATE WITH THE SCHOOL DISTRICT.
- 10 CONTRACTOR TO PROVIDE AND INSTALL A NEW FORMICA COUNTERTOP AND SUPPORTS. SEE DETAIL 7/G-2.0
- 11 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-1.00 SCALE: 3/4"=1'-0"

DOOR SCHEDULE								
DESIGNATION	FRAME TYPE	FRAME SIZE	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	DOOR TYPE	DOOR SIZE	HDW SET
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
REMARKS								
SEE DOOR & FRAME NOTES								

DOOR & FRAME NOTES:

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

HARDWARE SET #1:

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

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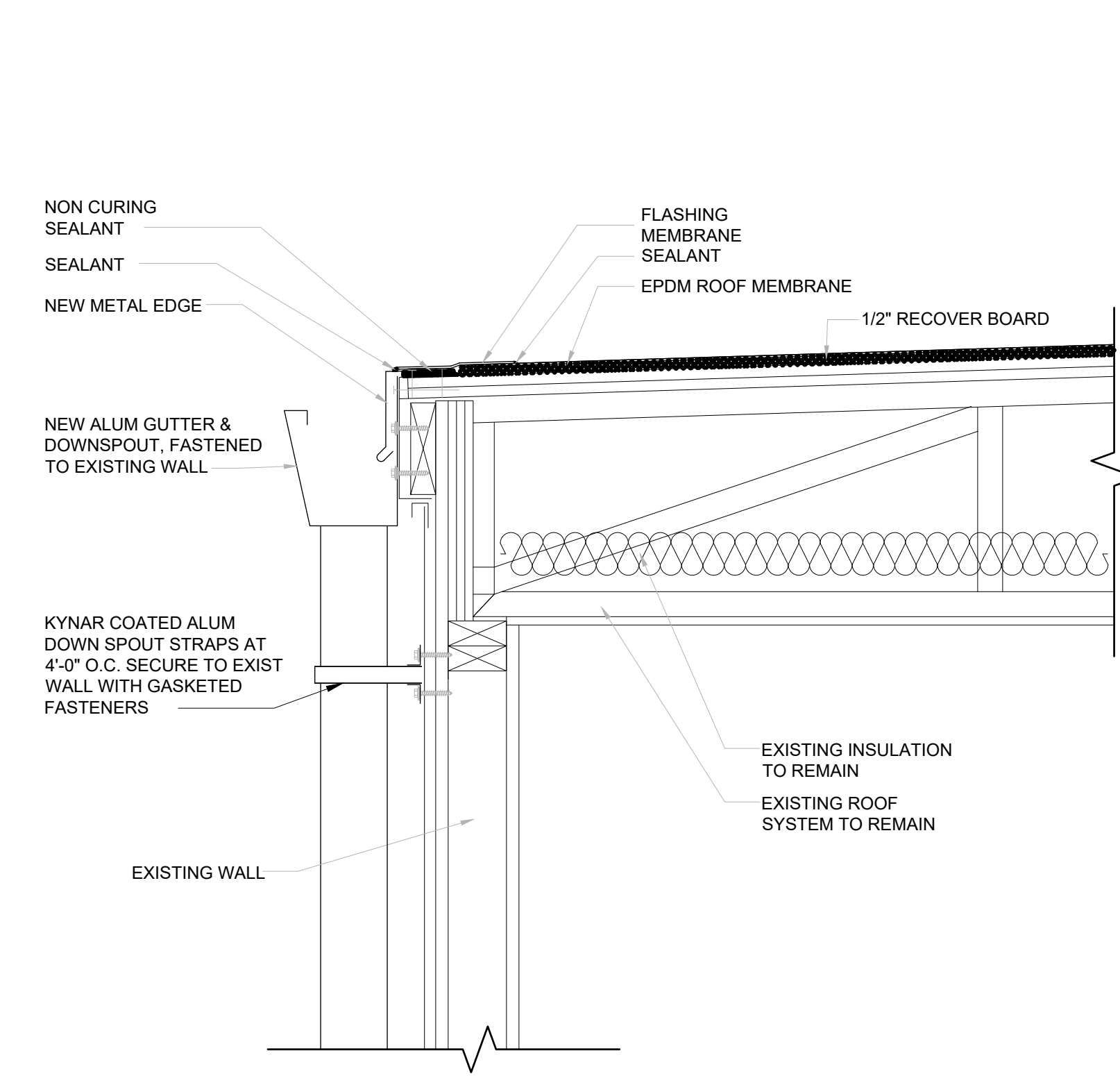
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NEW WORK PLAN BASE BID A

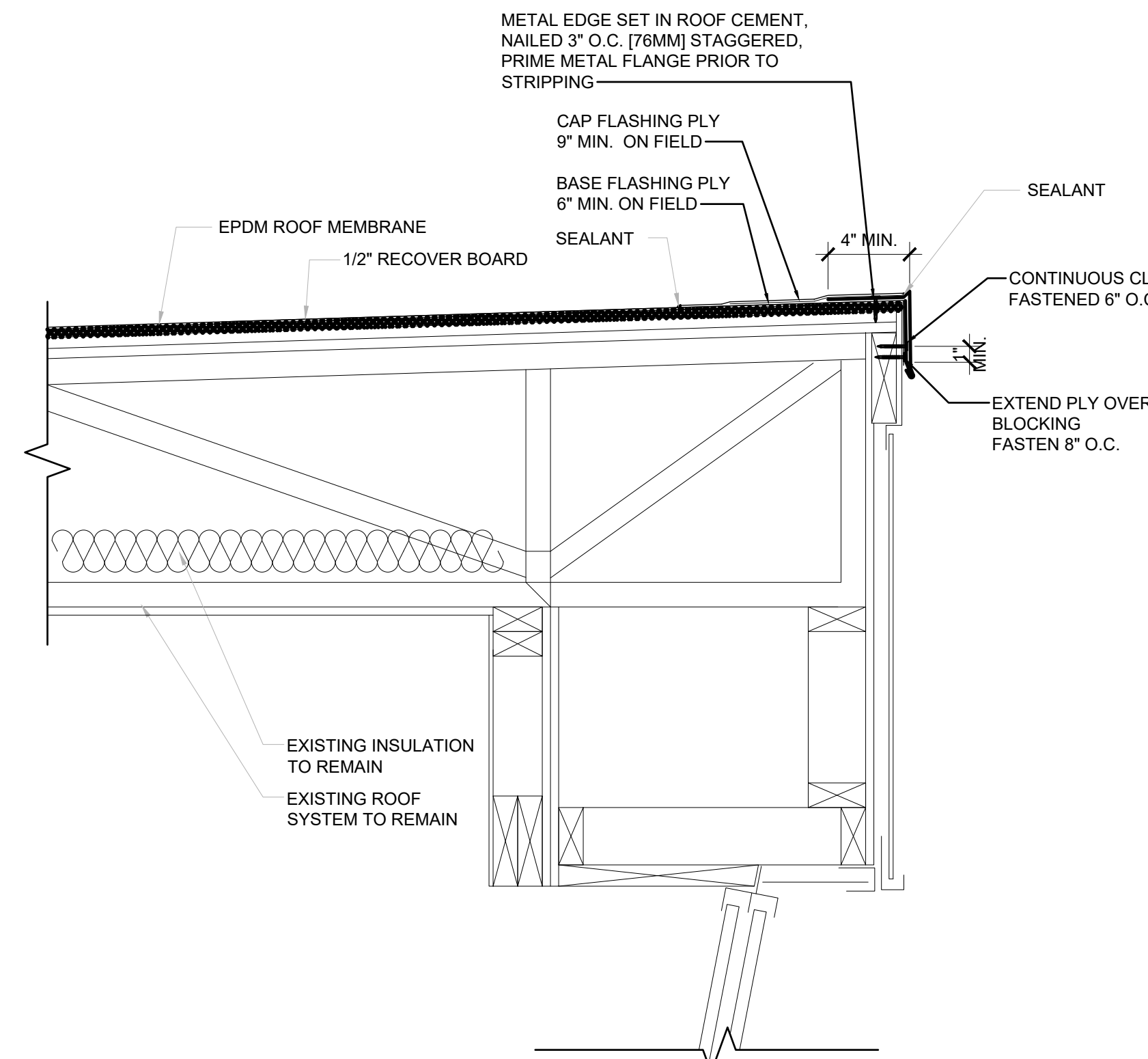
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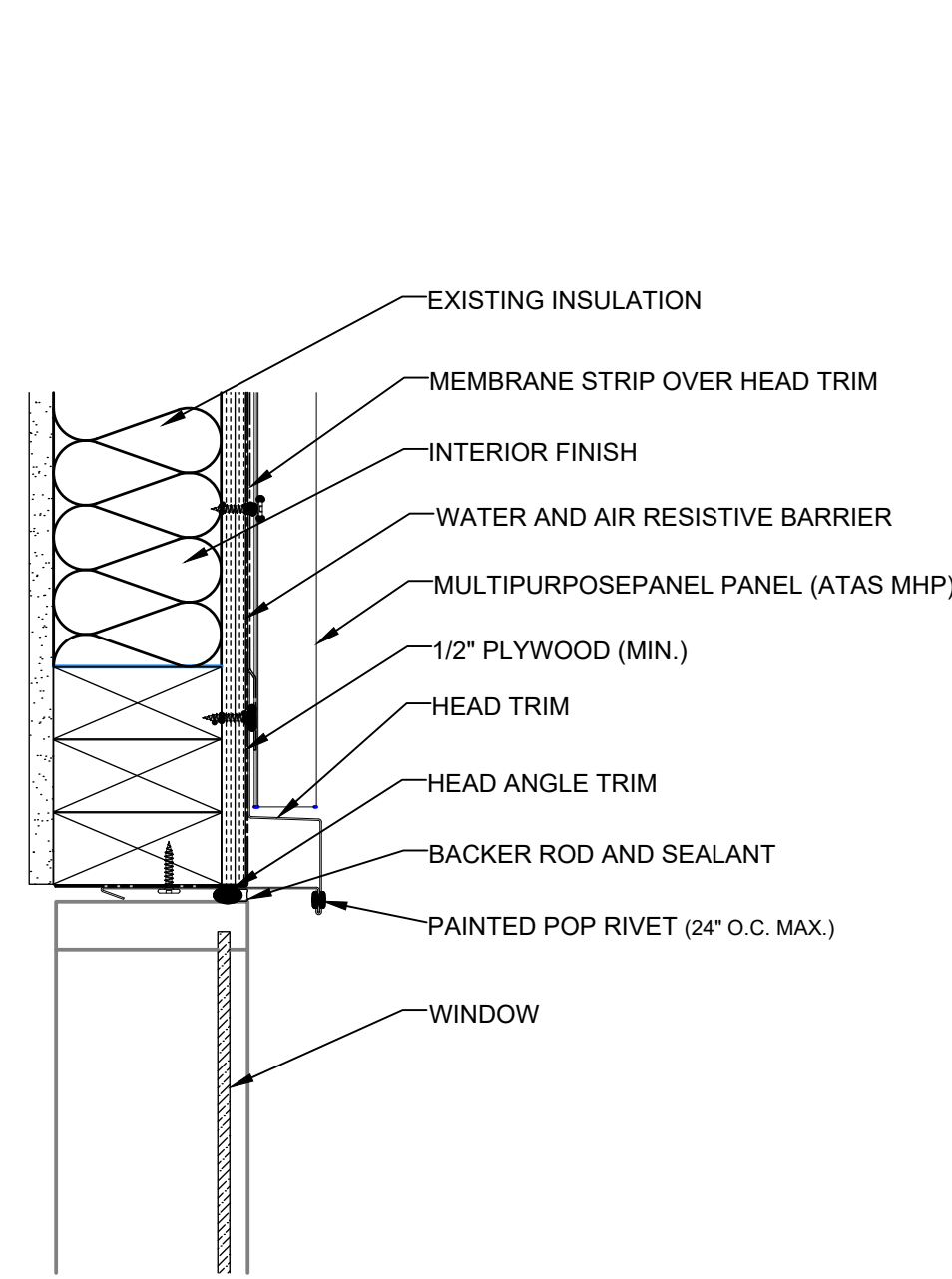
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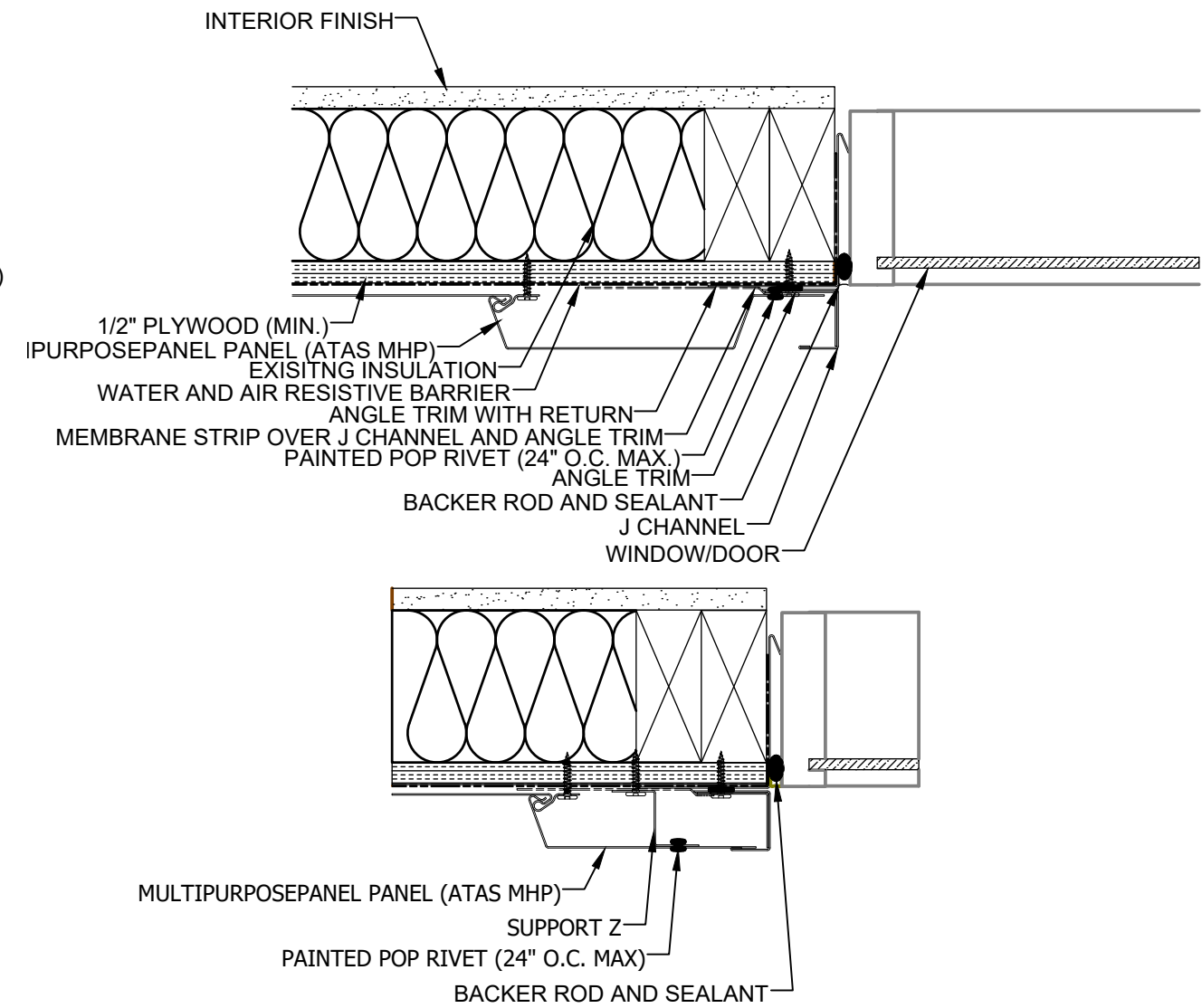
1 GUTTER DETAIL
G-2.0 SCALE: NTS



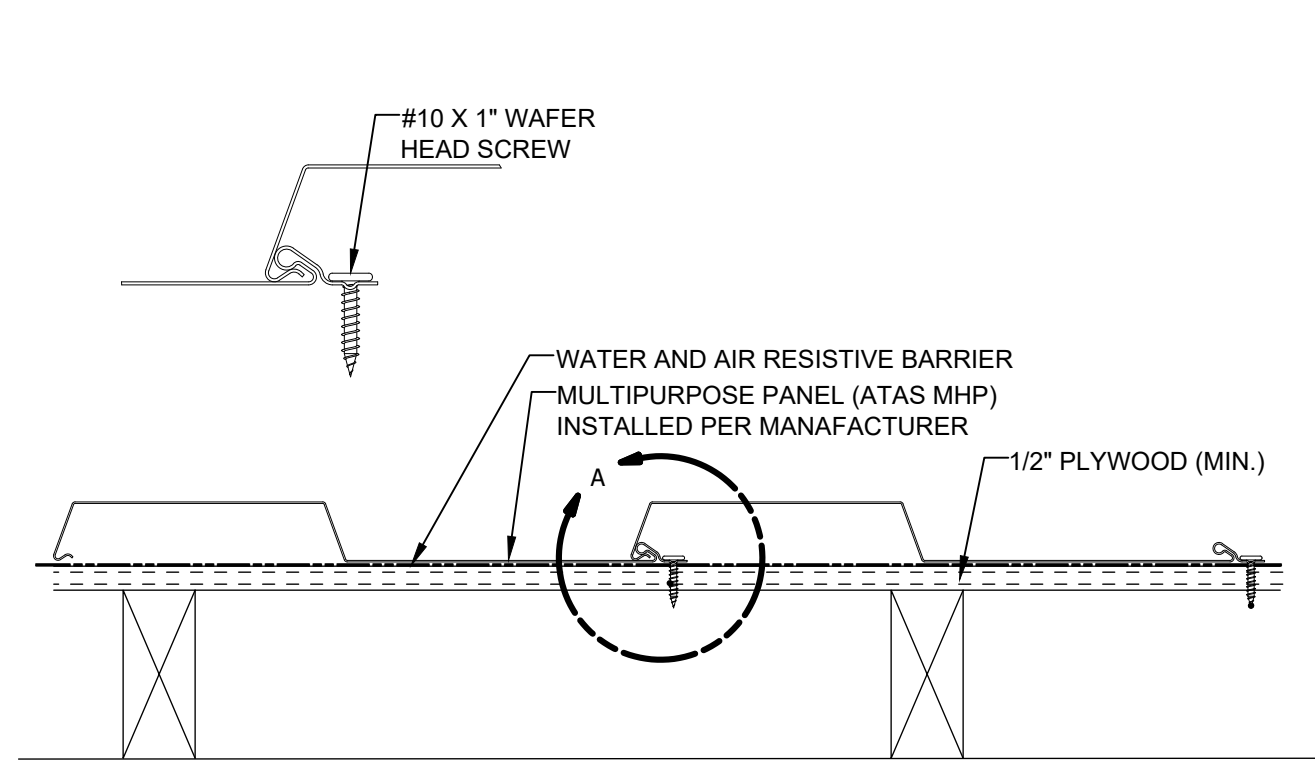
2 EDGE DETAIL
G-2.0 SCALE: NTS



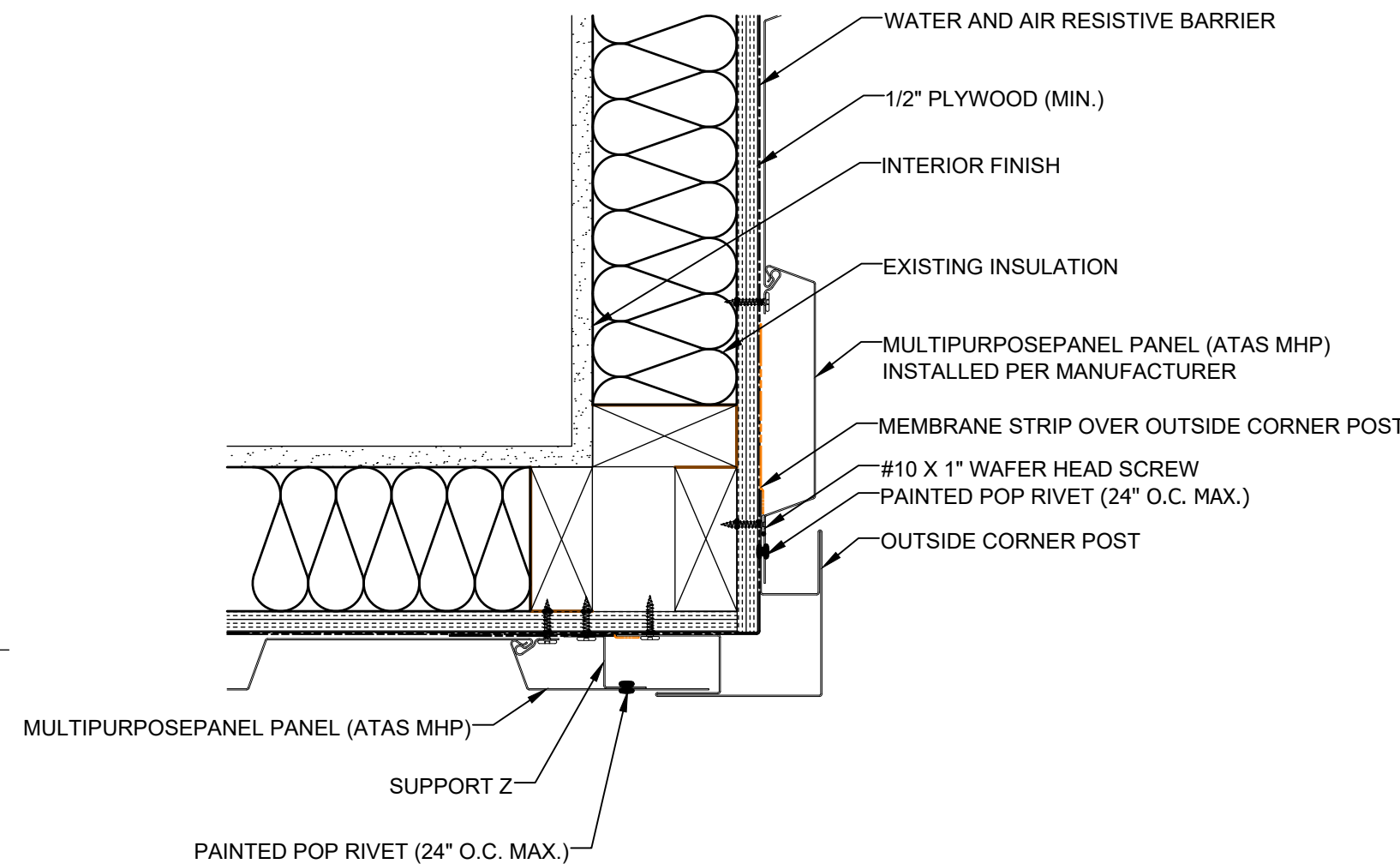
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G-2.0 SCALE: NTS



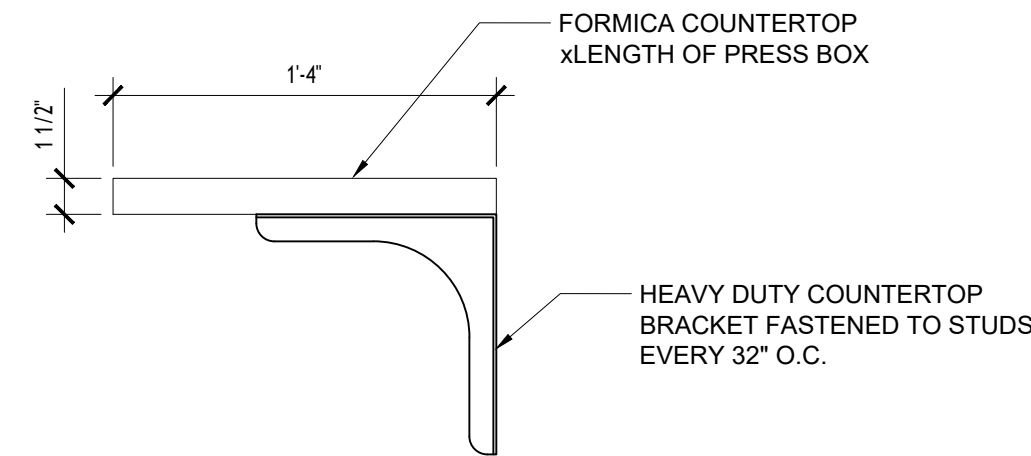
4 METAL SIDING JAMB DETAIL
G-2.0 SCALE: NTS



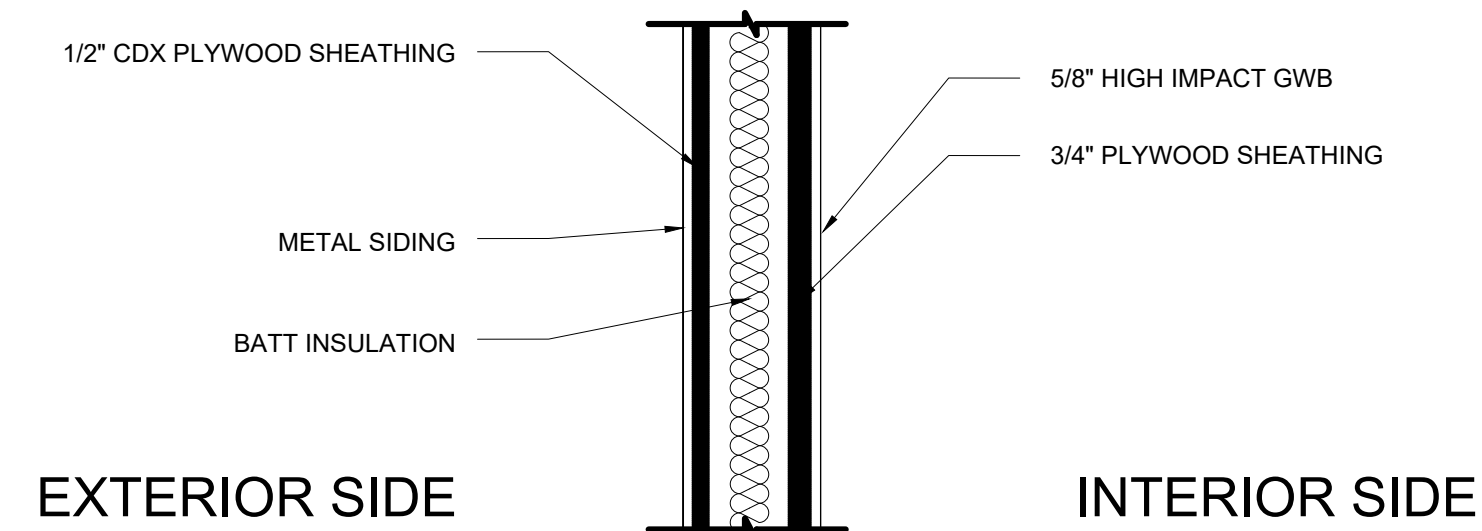
5 METAL SIDING DETAIL
G-2.0 SCALE: NTS



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

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DETAILS
BASE BID A

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

Drawing No.:

G-2.0

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

- Base Bid A: provide electrical demolition work shown on the Base Bid A drawings.
- Under Base Bid B:
 - 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 cabinets 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 cable 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 providing 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 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

- Base Bid B: Wiring devices provided by Press Box Manufacturer.
- Base Bid A: 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 beating 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 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"x2" galvanized steel welded wire mesh cable tray every 1' to cable tray and wider than 1' of either end.
- 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 wider than 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

- Under Base Bid B: Lighting control devices provided by Press Box Manufacturer.
- Under Base Bid A 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. Where 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.
- 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.

J. Lighting

- Under Base Bid B: Lighting provided by Press Box Manufacturer.
- Under Base Bid A: Provide lighting as scheduled and shown on the drawings.

K. Teledata Wiring System

- Provide service entrance modifications as noted.
 - Under Base Bid A: Extend fiber as shown on plans remove incoming fiber temporarily. Reinstall, support and connect fiber after new exterior siding has set in place. Provide means to keep exposed fittings dry and safe from damage.
 - Under Base Bid B: 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 3R 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.

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	TAMPER RESISTANT
X-Y	NEMA X-Y
#	MOUNT # ABOVE FINISH FLOOR
S	SURFACE MOUNT
T	TELEVISION
U	USB
ⓧ	DOUBLE-DUPLEX RECEPTACLE
ⓧ	SPECIAL RECEPTACLE
ⓧ 20	POWER RECEPTACLE, AMPERAGE
ⓧ R	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
ABOV	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	SECT	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	WALL-MOUNTED	
GND	GROUND	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
ⓧ	1
ⓧ	SHEET NO. WHERE DETAIL IS
ⓧ	101
ⓧ	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-001	ABBREVIATIONS, SYMBOLS & SPECIFICATIONS
E-100	ELECTRICAL PLANS - BASE BID A
E-101	ELECTRICAL PLANS - BASE BID B
E-701	DETAILS



NAZARETH AREA SCHOOL DISTRICT STADIUM PRESS BOX REPLACEMENT

No.	Submittal / Revision	App	By	Date

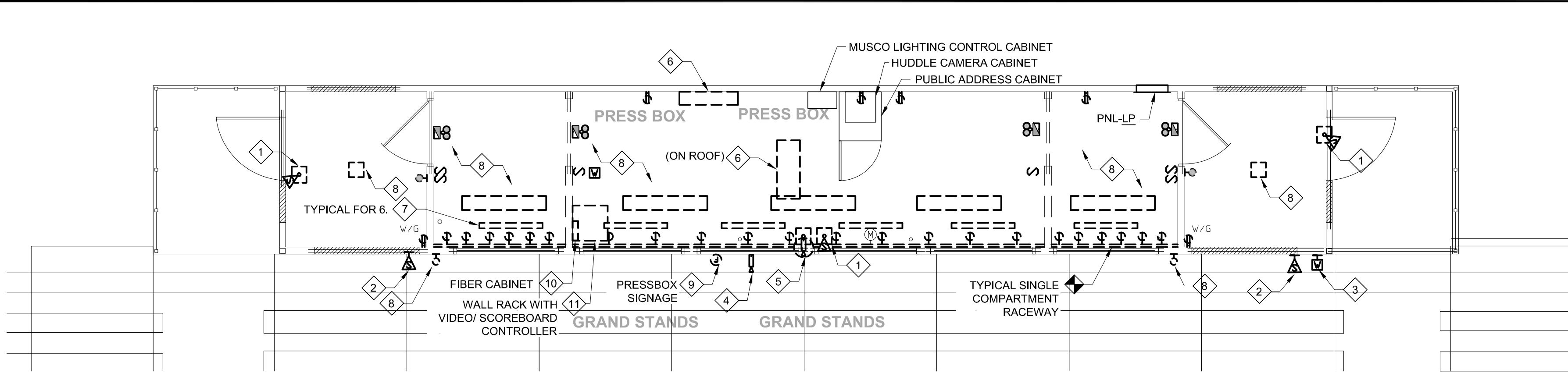
ABBREVIATION, SYMBOLS & SPECIFICATIONS

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

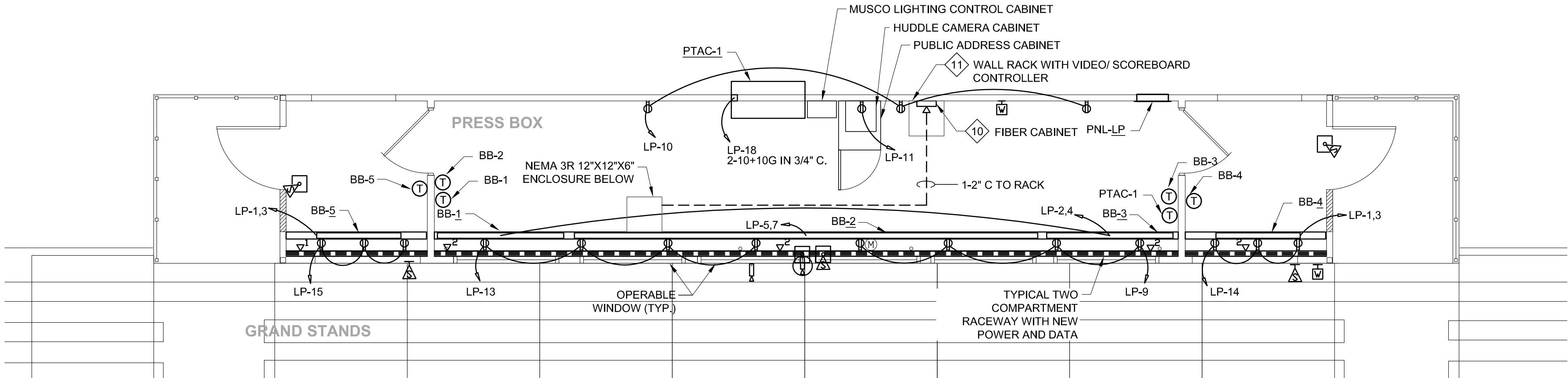
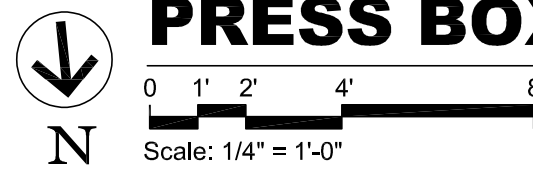
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E-001

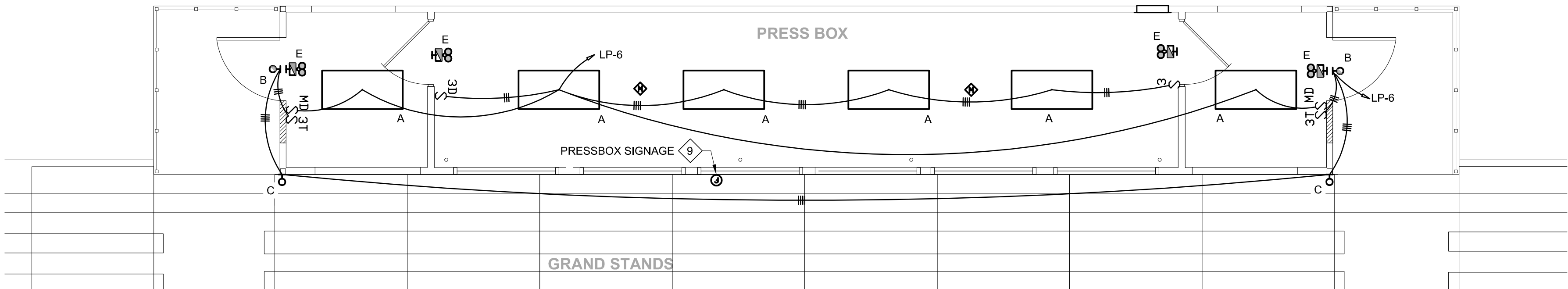
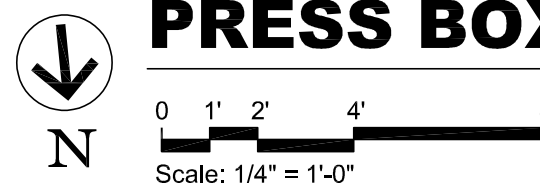
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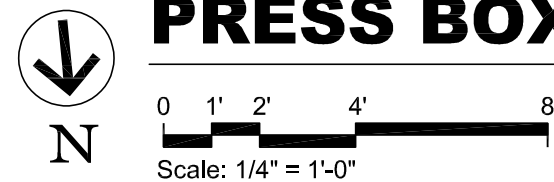
PRESS BOX - DEMOLITION - BASE BID A



PRESS BOX - POWER & LOW-VOLTAGE - BASE BID A



PRESS BOX - LIGHTING - BASE BID A



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

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			25800		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	25800					

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
*Provide breaker lock in the on position											
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		
	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.	PNL-L1 (125A MCB)

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/P/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 RAG42AA, SUB-BASE, HARD-WIRED CONNECTIONS THROUGH DISCONNECT SWITCH, JUNCTION BOX, INTEGRATED WIFI CONNECTIVITY AND 1-YEAR SMART HD 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

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SHOWN TO THE PUBLIC WITHOUT THE WRITTEN PERMISSION OF THE
STAMP OF A LICENSED PROFESSIONAL AS 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 EACH ALTERATION, AND A SPECIFIC DESCRIPTION
OF THE ALTERATION.

NAZARETH AREA SCHOOL
DISTRICT
STADIUM PRESS BOX
REPLACEMENT

No.	Submittal / Revision	Appr	By	Date

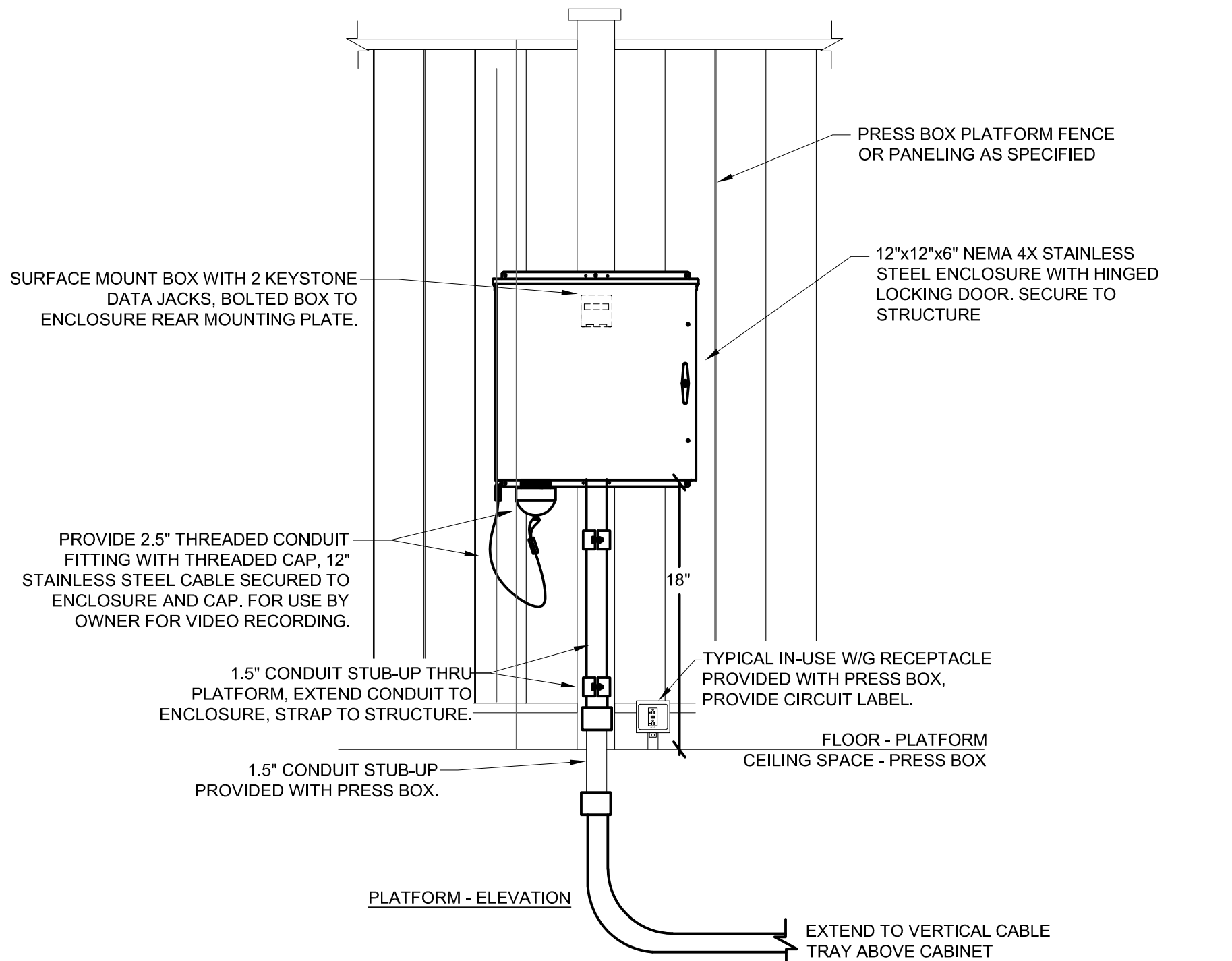
ELECTRICAL
PLANS -
BASE BID A

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

Drawing No.:

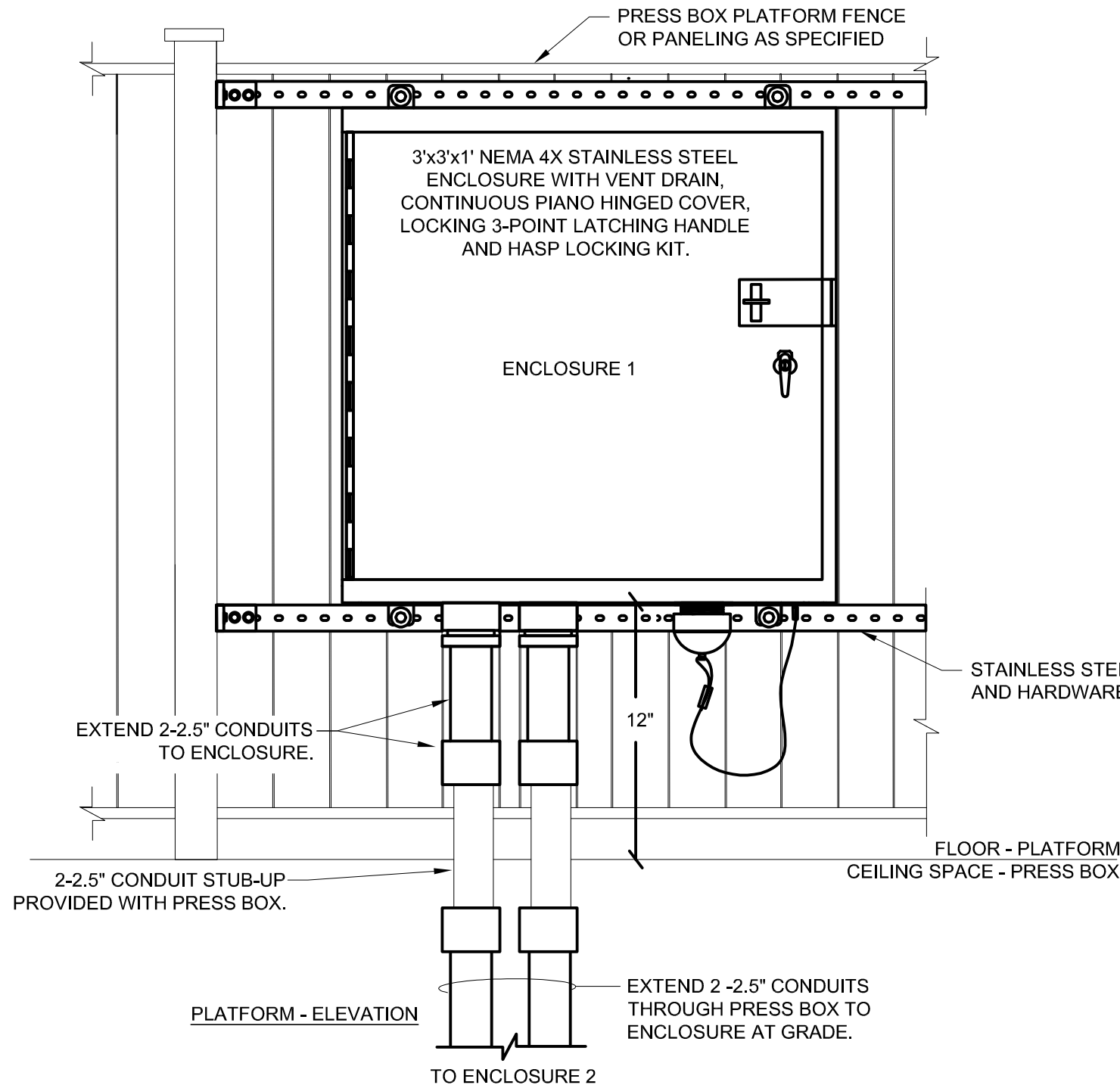
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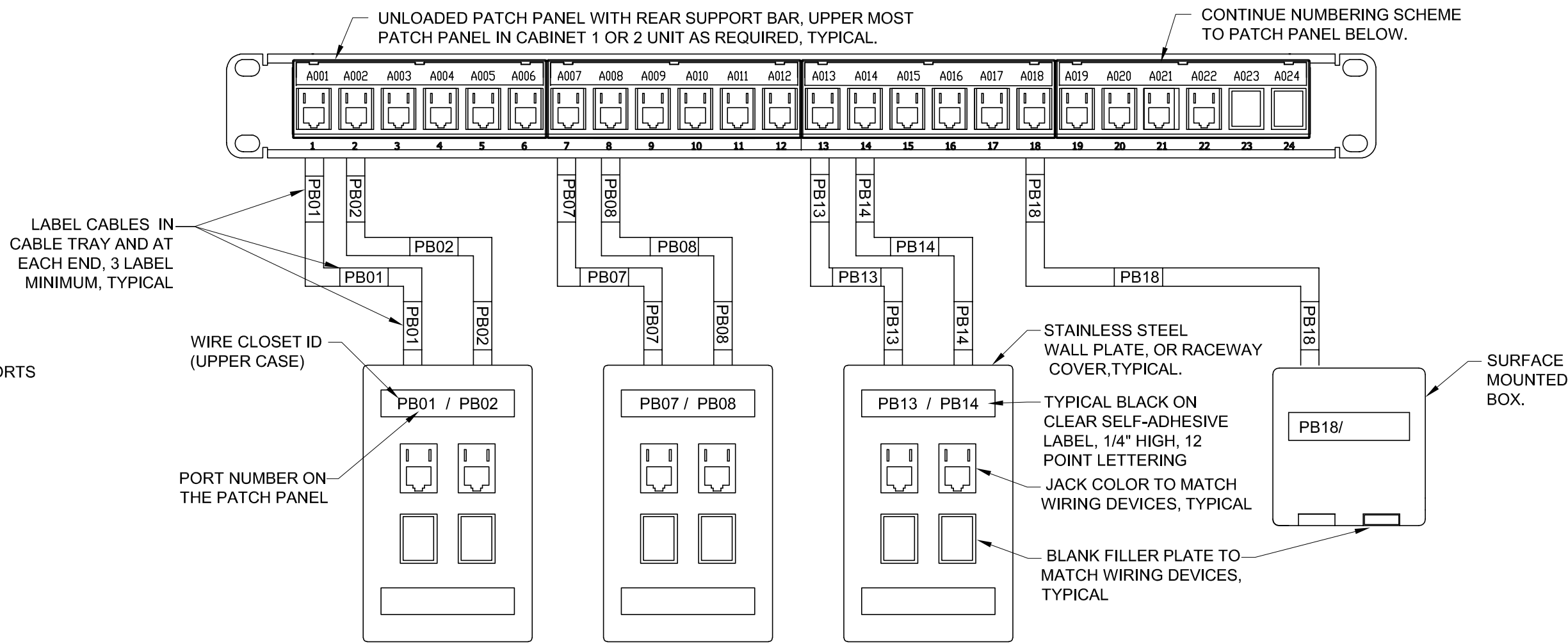
ENCLOSURE 3A & 3B SUPPORT AND MOUNTING - BASE BID B

- NOT TO SCALE
- NOTES: 1. PROVIDE STAINLESS STEEL HARDWARE.
2. SEAL CONDUIT OPENING IN THE ENCLOSURE.



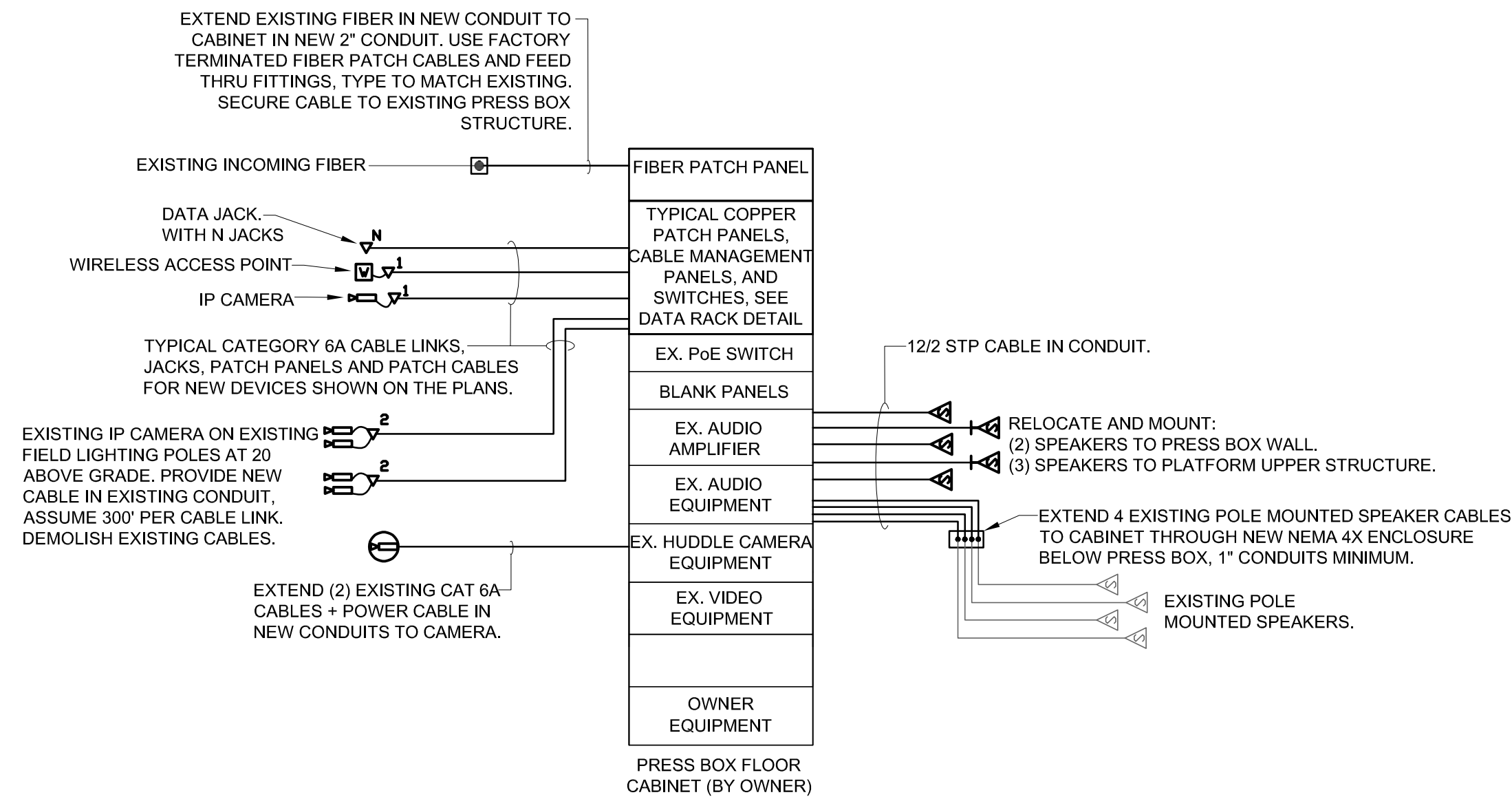
ENCLOSURE 1 SUPPORT AND MOUNTING - BASE BID B

- NOT TO SCALE
- NOTES: 1. PROVIDE STAINLESS STEEL HARDWARE.



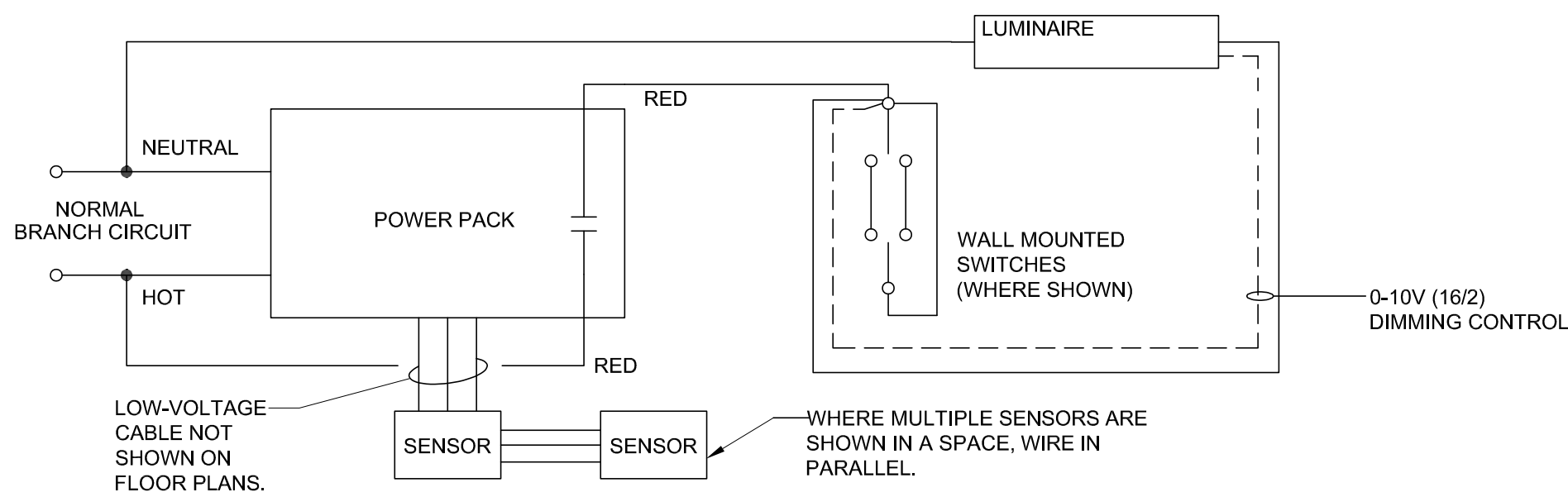
TYPICAL TELEDATA LABELING DETAIL - BASE BID A

- 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 - BASE BID B

- 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 OCCUPANCY SENSOR SWITCHING DETAIL - BASE BID A

- NOT SCALE
- 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 - Base Bid A

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 to 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. IK08, 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 exit 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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REPRODUCE OR ALTER THE CONTENTS OF THIS DOCUMENT.
IF ANY PERSON REPRODUCES OR ALTERS THE CONTENTS OF
THIS DOCUMENT WITHOUT THE WRITTEN PERMISSION OF THE
OWNER, THE USER SHALL BE RESPONSIBLE FOR ALL
CONSEQUENCES OF SUCH ACTION. THE DATE OF SUCH
ACTION SHALL BE A SPECIFIC DESCRIPTION
OF THE ACTION.

NAZARETH AREA SCHOOL DISTRICT STADIUM PRESS BOX REPLACEMENT

No.	Submittal / Revision	Appr	By	Date

DETAILS

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

Drawing No.:

E-701

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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 | OC | ON CENTER | | |
| CJP | COMPLETE JOINT PENETRATION | OD | OUTSIDE DIAMETER | | |
| CL | CENTER LINE | OF | OUTSIDE FACE | | |
| CLKJ | CAULKED JOINT | OPNG | OPENING | | |
| CLR | CLEAR | OPP | OPPOSITE | | |
| CMU | CONCRETE MASONRY UNIT | OVS | OVERSIZE | | |
| CO | CLEAN OUT | | | | |
| COL | COLUMN | PAF | POWDER ACTUATED FASTENER | | |
| CONC | CONCRETE | PAR | PARALLEL | | |
| CONN | CONNECT | PCC | PRECAST CONCRETE | | |
| CONST JT | CONSTRUCTION JOINT | PCF | POUND PER CUBIC FOOT | | |
| CONT | CONTINUOUS | PEMB | PRE ENGINEERED METAL BUILDING | | |
| COORD | COORDINATE | PERP | PERPENDICULAR | | |
| CSK | COUNTER SUNK | PJP | PARTIAL JOINT PENETRATION | | |
| CU FT | CUBIC FEET | PL | PLATE | | |
| CU YD | CUBIC YARD | PLAT | PLATFORM | | |
| | | PLMB | PLUMBING | | |
| DBL | DOUBLE | PLF | POUNDS PER LINEAR FOOT | | |
| DEMO | DEMOLITION | PREFAB | PREFABRICATED | | |
| DET | DETAIL | PRELIM | PRELIMINARY | | |
| DIA | DIAMETER | PROJ | PROJECTION | | |
| DIM | DIMENSION | PSF | POUNDS PER SQUARE FOOT | | |
| DJ | DOWEL JOINT | PSI | POUNDS PER SQUARE INCH | | |
| DL | DEAD LOAD | PT | PRESSURE TREATED | | |
| DN | DOWN | PUR | PURLINS | | |
| DWG | DRAWING | PVG | PAVING | | |
| | | QA | QUALITY ASSURANCE | | |
| EA | EACH | QC | QUALITY CONTROL | | |
| EE | EACH END | QTY | QUANTITY | | |
| EF | EACH FACE | | | | |
| EJ | EXPANSION JOINT | R | RADIUS | | |
| EL | ELEVATION | RD | ROOF DRAIN | | |
| ELEC | ELECTRICAL | RDG INS | RIGID INSULATION | | |
| EOD | EDGE OF DECK | REF | REFERENCE | | |
| EOS | EDGE OF SLAB | REINF | REINFORCING | | |
| EPS | EXPANDED POLYSTYRENE | REM | REMAINDER | | |
| EQ | EQUAL | REQD | REQUIRED | | |
| EQUIP | EQUIPMENT | RET | RETAINING | | |
| EW | EACH WAY | REV | REVISION | | |
| EXP | EXPANSION | RH | ROOF HATCH | | |
| EXT | EXISTING | RND | ROUND | | |
| | | RO | ROUGH OPENING | | |
| FAB | FABRICATE | | | | |
| FBO | FURNISHED BY OTHERS | SC | SLIP CONTROL | | |
| FD | FLOOR DRAIN | SCHED | SCHEDULE | | |
| FDTN | FOUNDATION | SECT | SECTION | | |
| FLR | FLOOR | SF | SQUARE FEET/FOOT | | |
| FOM | FACE OF MASONRY | SHT | SHEET | | |
| FRMG | FRAMING | SIM | SIMILAR | | |
| FS | FOOTING STEP | SOG | SLAB ON GROUND | | |
| FT | FOOT | SPA | SPACE(S) | | |
| FTG | FOOTING | SPEC | SPECIFICATION | | |
| FW | FIRE WALL | SQ | SQUARE | | |
| | | SSLT | SHORT SLOT | | |
| GA | GAGE | SST | STAINLESS STEEL | | |
| GALV | GALVANIZED | STA | STATION | | |
| GC | GENERAL CONTRACTOR | STD | STANDARD | | |
| GDR | GUARD RAIL | STL | STEEL | | |
| GR BM | GRADE BEAM | STRUCT | STRUCTURAL | | |
| | | SW | SHEAR WALL OR SHORT WAY | | |
| HNDRL | HANDRAIL | | | | |
| HORIZ | HORIZONTAL | T&B | TOP AND BOTTOM | | |
| HP | HIGH POINT | TD | TRENCH DRAIN | | |
| | | TEMP | TEMPORARY | | |
| ID | INSIDE DIAMETER | THK | THICKNESS | | |
| IF | INSIDE FACE | THRD | THREADED ROD | | |
| IN | INCHES | THRU | THROUGH | | |
| INFO | INFORMATION | TO | TOP OF | | |
| INSUL | INSULATION | TOC | TOP OF CONCRETE | | |
| INV | INVERT | TOFTG | TOP OF FOOTING | | |
| ISO JT | ISOLATION JOINT | TOS | TOP OF STEEL | | |
| | | TOSL | TOP OF SLAB | | |
| JBE | JOIST BEARING ELEVATION | TOW | TOP OF WALL | | |
| JT | JOINT | TYP | TYPICAL | | |
| | | | | | |
| K | KIPS | UNEX | UNEXCAVATED | | |
| K-FT | KIP FEET | UNO | UNLESS NOTED OTHERWISE | | |
| KB | KNEE BRACE | | | | |
| KO | KNOCKOUT | VERT | VERTICAL | | |
| KPL | KICK PLATE | VIF | VERIFY IN FIELD | | |
| KSF | KIPS PER SQUARE FOOT | VR | VAPOR RETARDER | | |
| KWY | KEY WAY | | | | |
| | | | | | |
| LB(S) | POUND(S) | W/ | WITH | | |
| LD BRG | LOAD BEARING | W/O | WITHOUT | | |
-
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NAZARETH
PA, 18064
-
- 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 PLANNER, TO SEAL, SIGN, STAMP OR OTHERWISE ALTER THE SEALING OF A LICENSED PROFESSIONAL. IF ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR PLANNER SUPERVISOR 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
- 501 E CENTER STREET
NAZARETH, PA 18064
- | No. | Submittal / Revision | Appr | By | Date |
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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 |
- Drawing No.:
- S-0.01
- Sheet 1 of 5

**NAZARETH AREA
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ACTIVELY UNDER THE DIRECTION OF A LICENSED PROFESSIONAL
ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND
SURVEYOR TO ALTER, REUSE, REPRODUCE, OR IN ANY MANNER
THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING
PROHIBITED. ANY PERSON WHO VIOLATES THIS PROVISION SHALL
BE SUBJECT TO THE PENALTIES OF THE PROFESSIONAL BOARD
OF THE ALTERNATION.

NAZARETH HIGH SCHOOL

**501 E CENTER STREET
NAZARETH, PA 18064**

No.	Submittal / Revision	Appr	By	Date

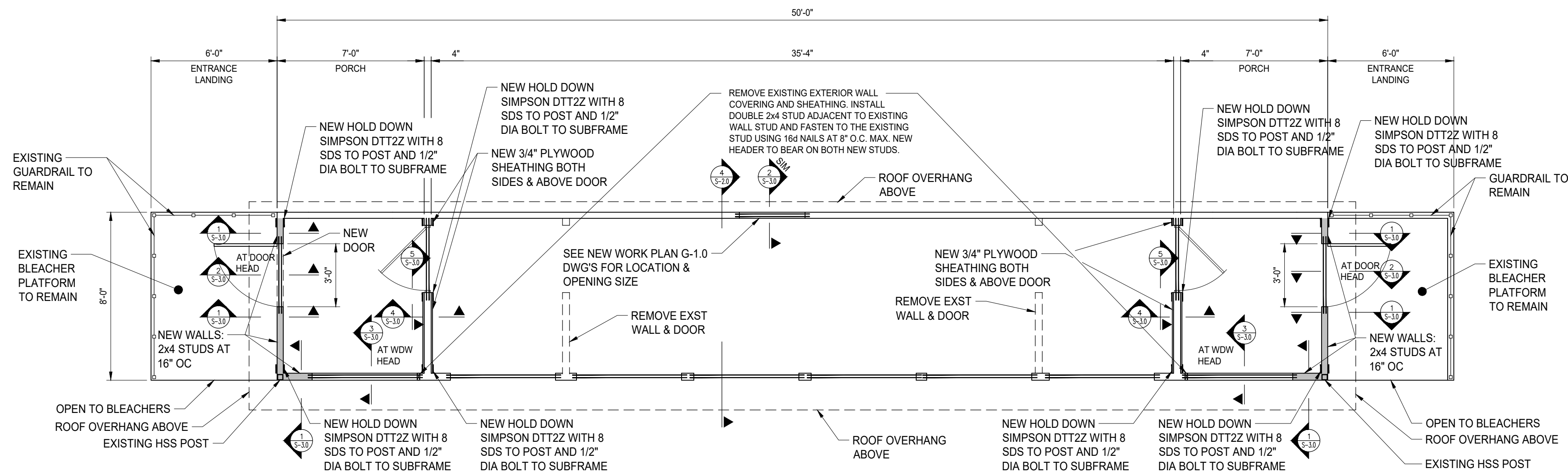
**PRESS BOX
REFURBISHMENT
PLANS AND
ELEVATIONS
BASE BID A**

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

Drawing No.:

S-1.0

Sheet 2 of 5

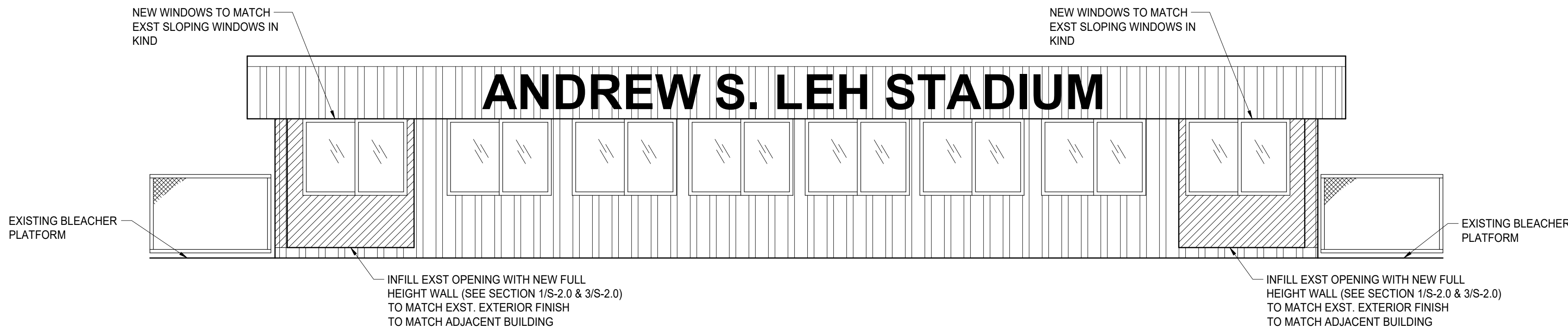


**1
S-1.0** **NAZARETH HIGH SCHOOL PRESS BOX - FLOOR PLAN**

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.

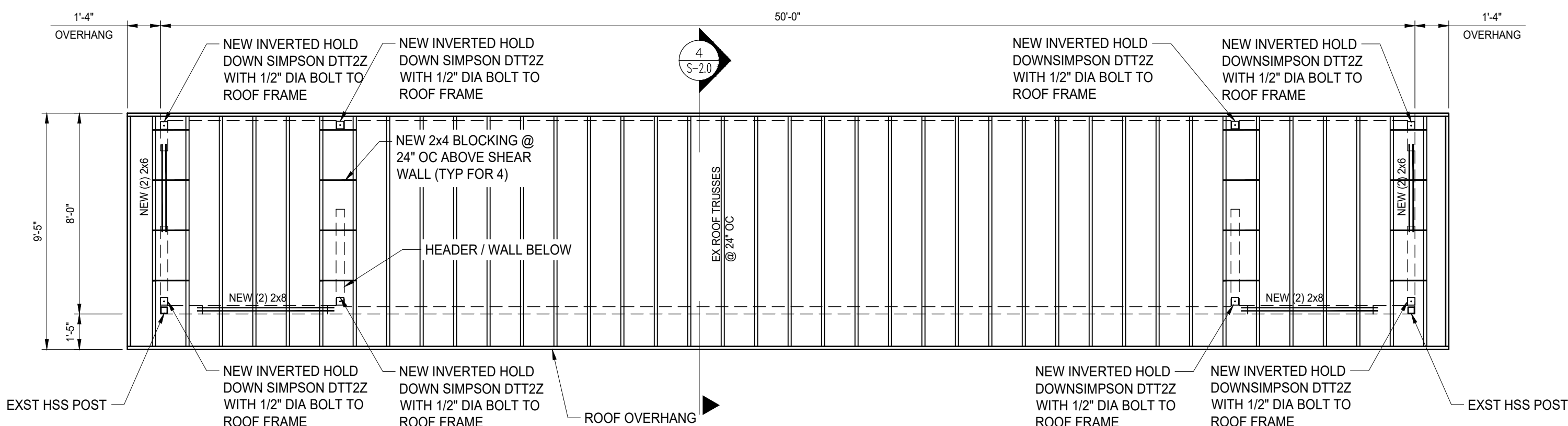


**2
S-1.0** **NAZARETH HIGH SCHOOL PRESS BOX - FIELD ELEVATION**

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.



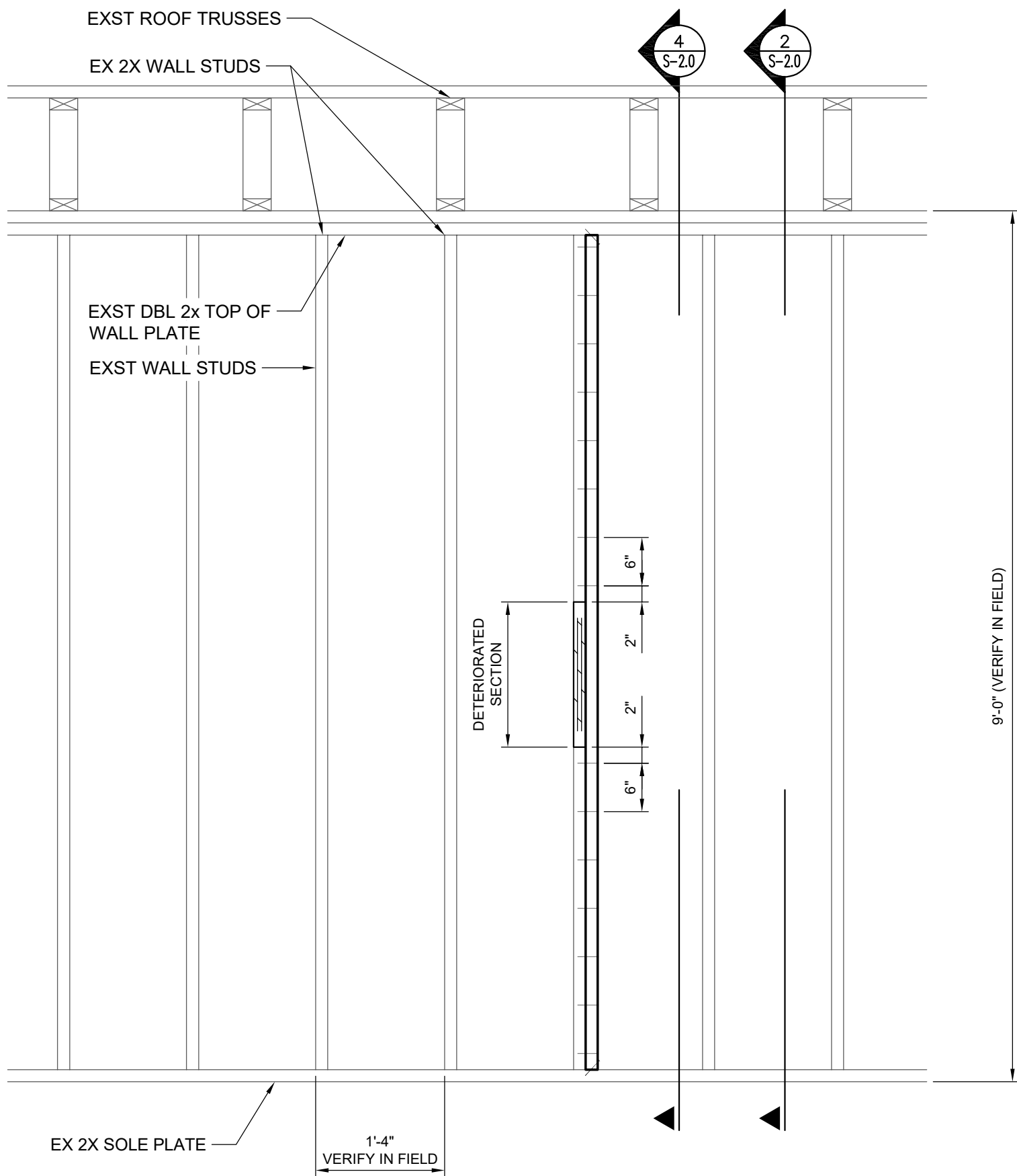
**3
S-1.0** **NAZARETH HIGH SCHOOL PRESS BOX - ROOF FRAMING PLAN**

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

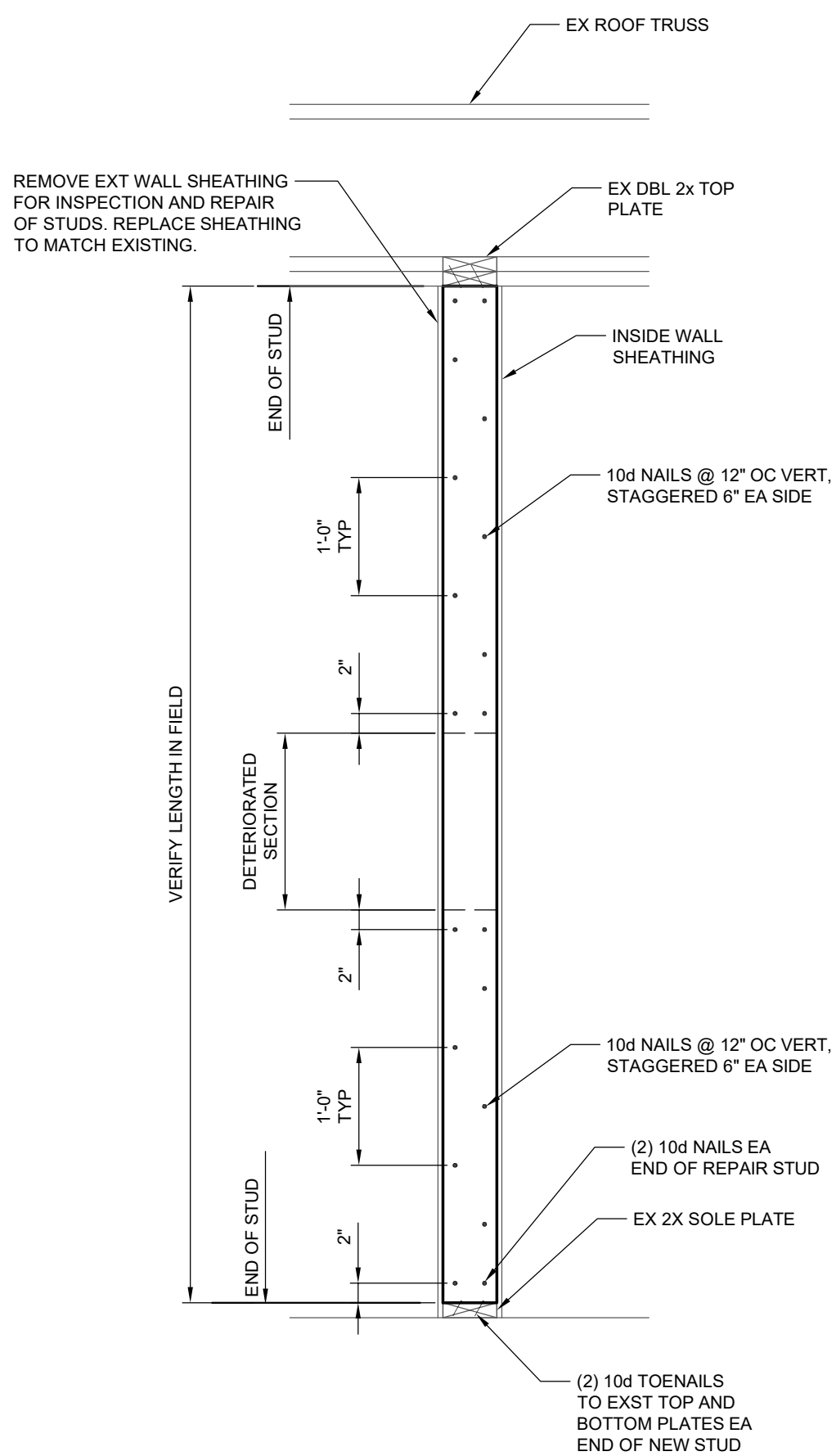
NOTES:

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- 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.

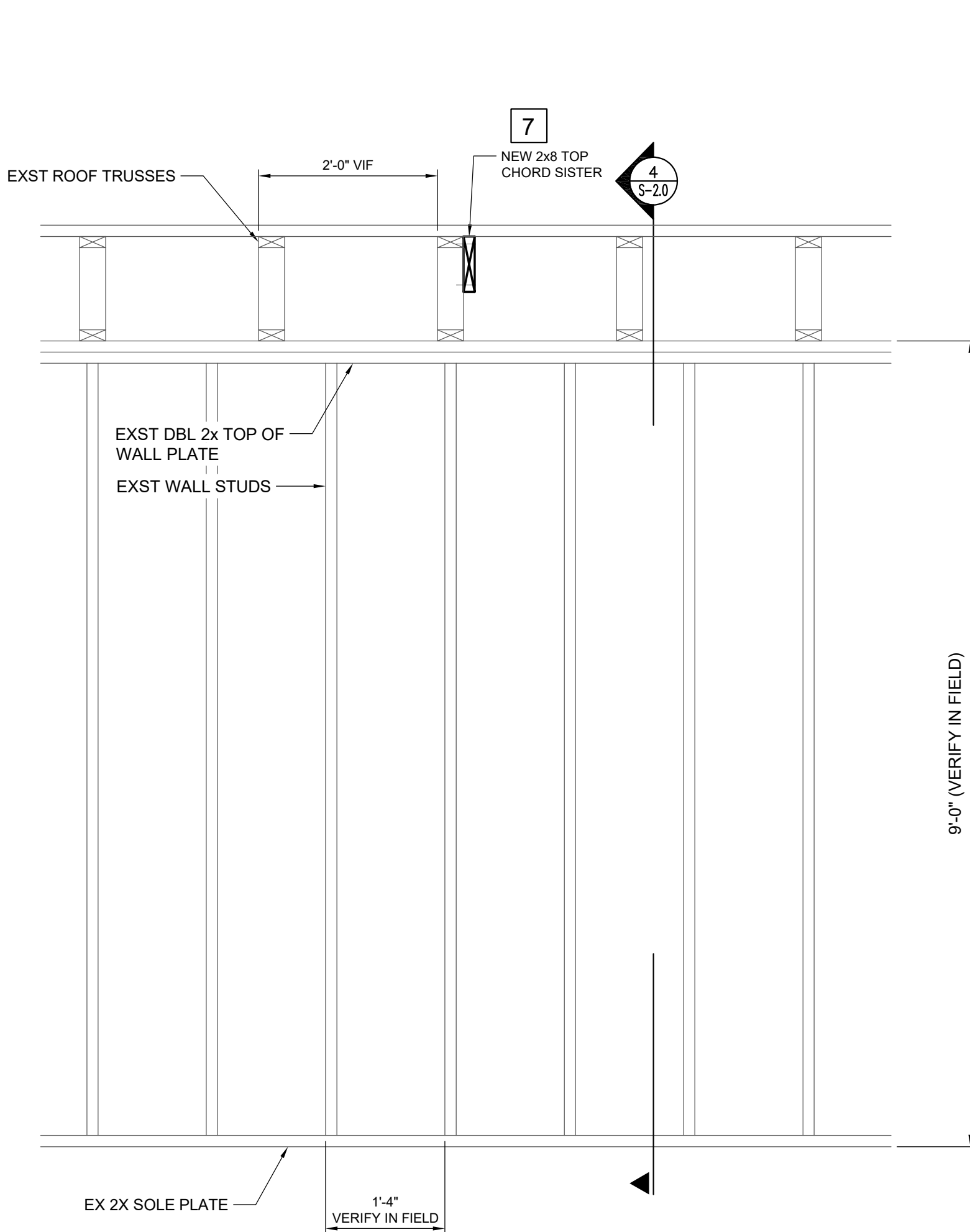
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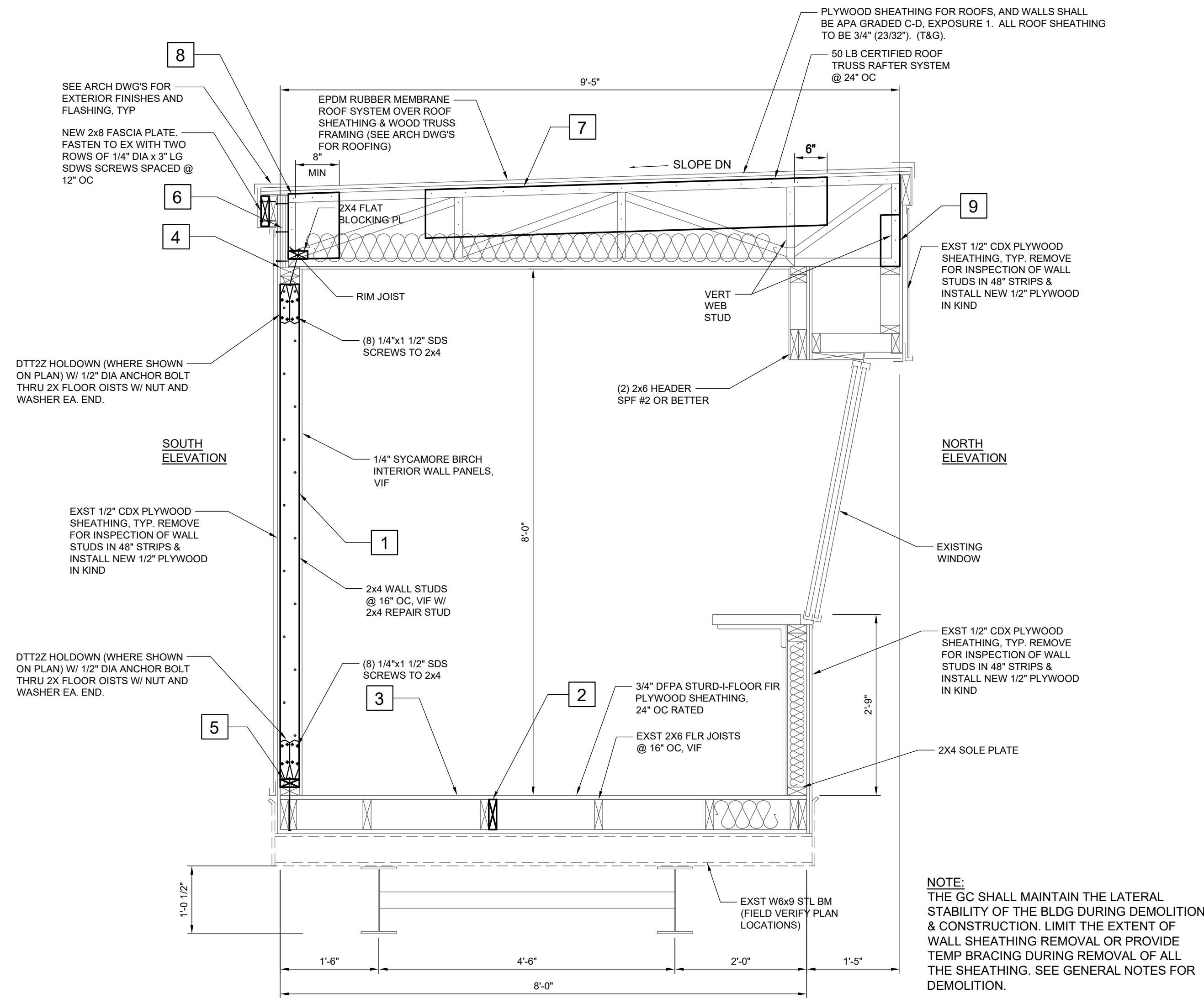
1 TYPICAL STUD REPAIR ELEVATION DETAIL
3/4" = 1'-0"



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

- 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.
- FLOOR JOISTS: QUANTITY OF "1" FOR UNIT COST**
WHERE EXISTING FLOOR JOISTS ARE DAMAGED, REINFORCE BY ADDING A NEW 2X8 JOIST AGAINST THE EXISTING JOIST. THE NEW 2X8 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.
- FLOOR SHEATHING: QUANTITY OF 20 SQ FT PER 1 UNIT (2'-3" 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.
- 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.
- 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.
- 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.
- ROOF TRUSS TOP CHORD: QUANTITY OF 2'-3" 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.
- 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.
- 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.

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NAZARETH HIGH SCHOOL

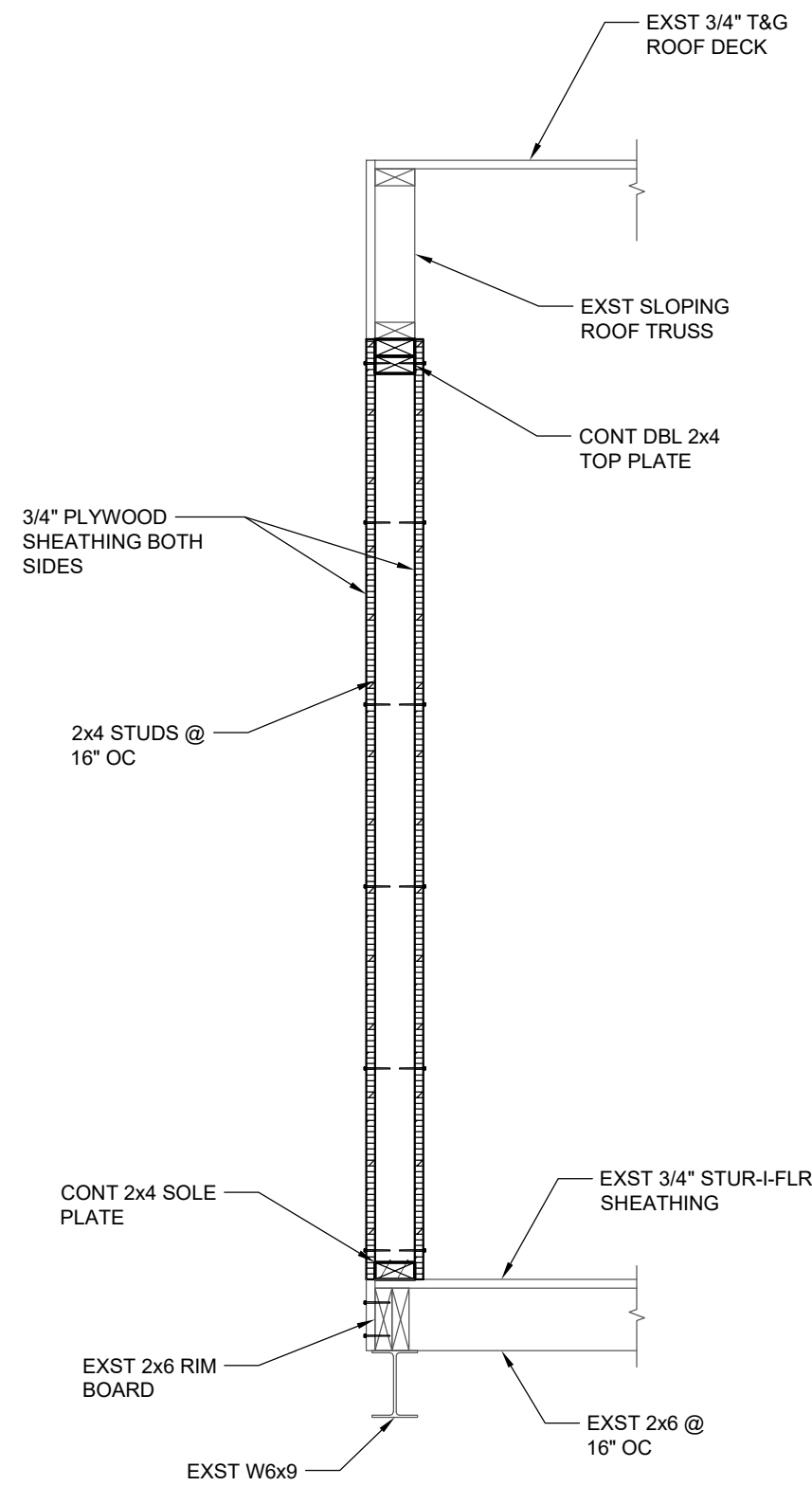
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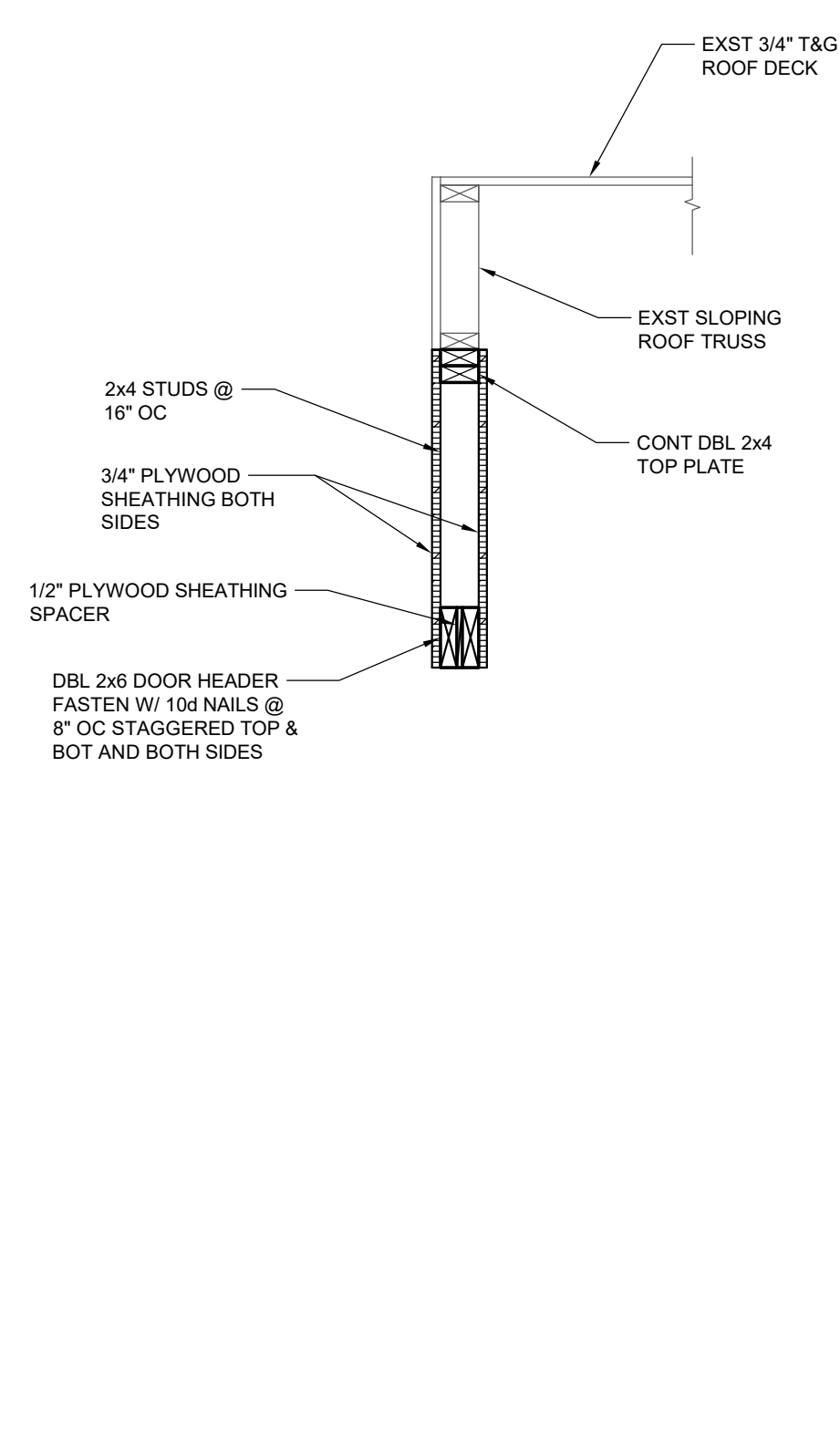
REPAIR SECTIONS AND DETAILS BASE BID A

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

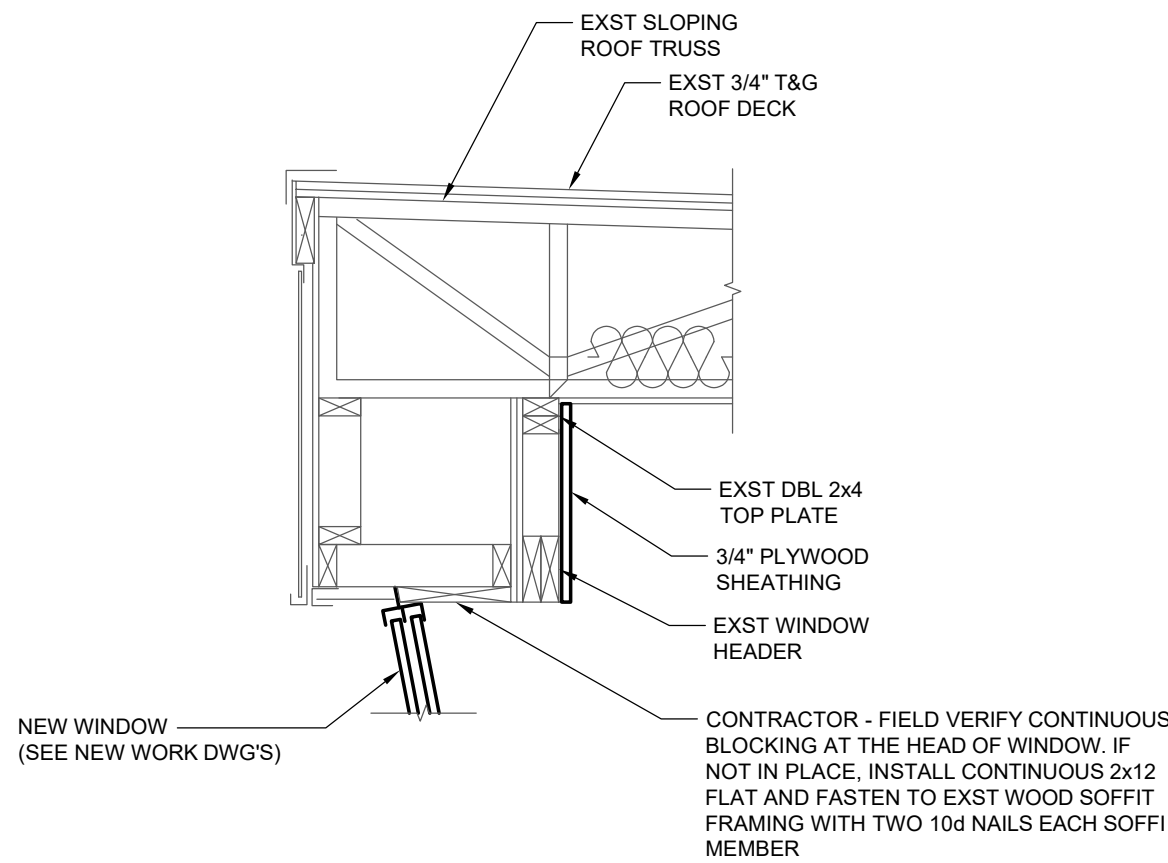
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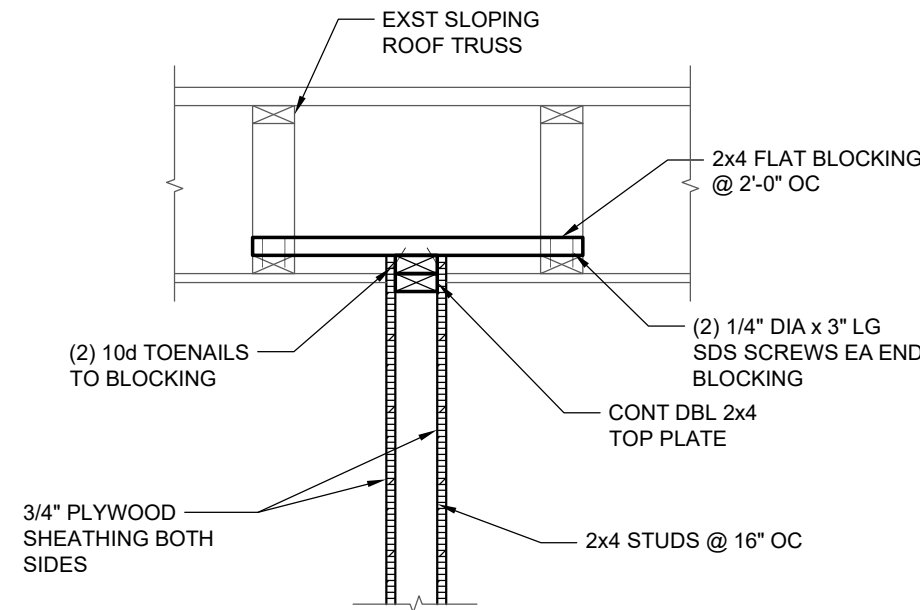
1 SECTION
3/4" = 1'-0"



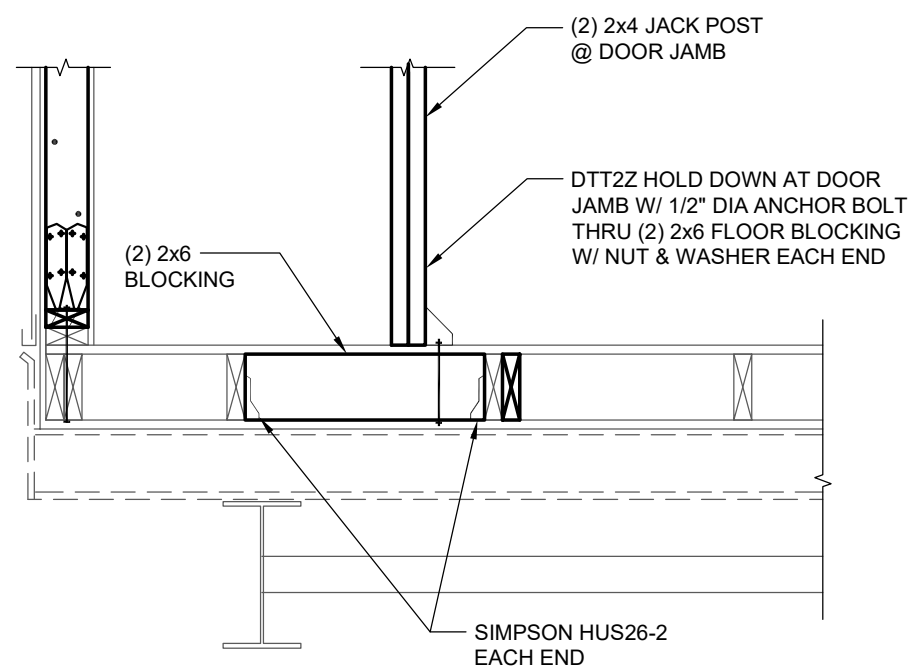
2 SECTION
3/4" = 1'-0"



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"

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REPAIR
SECTIONS AND
DETAILS
BASE BID A

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SUPPORT FRAMING

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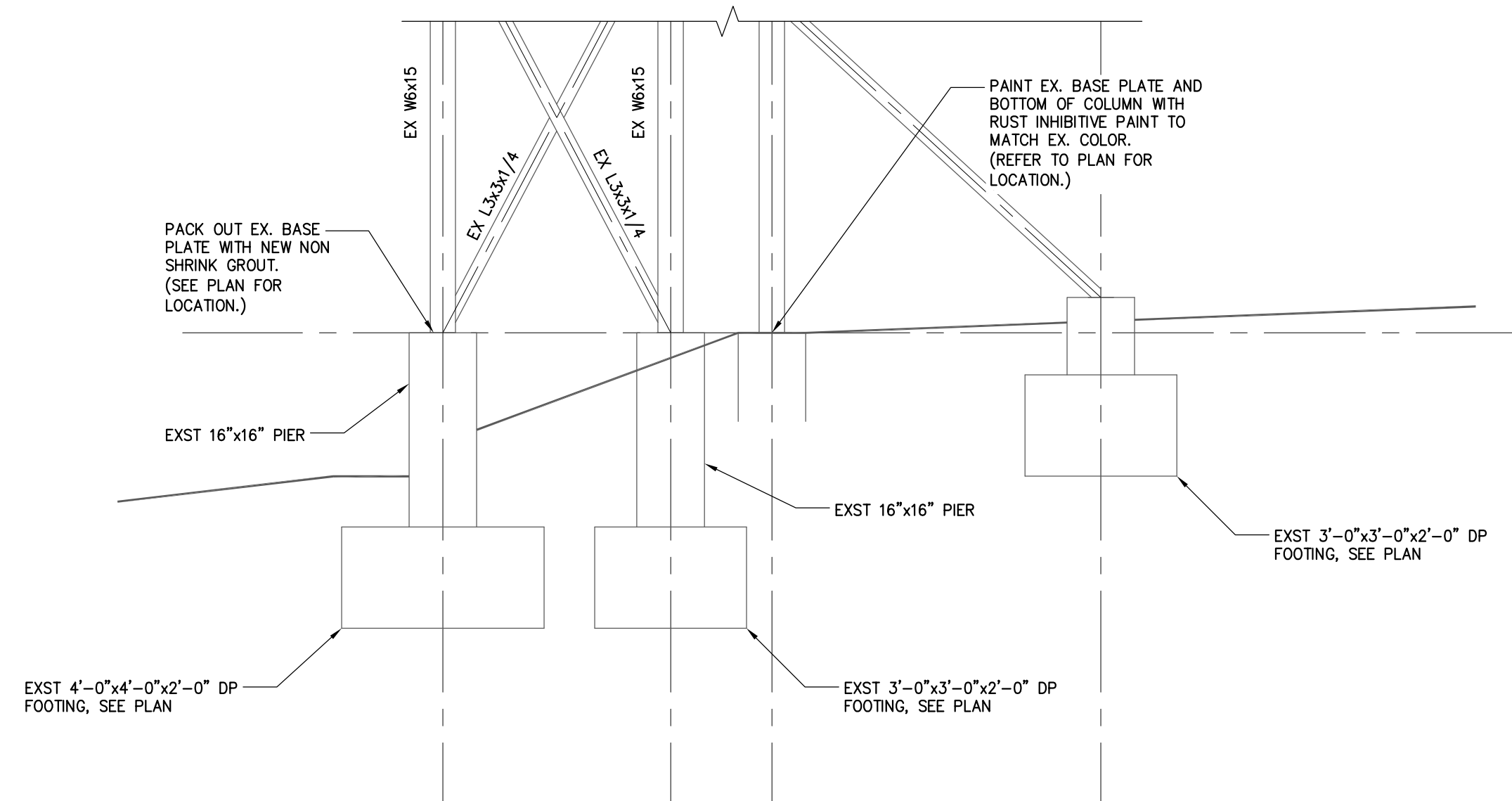
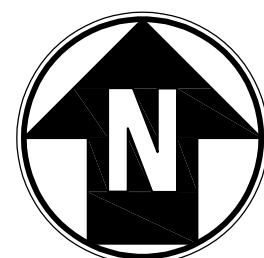
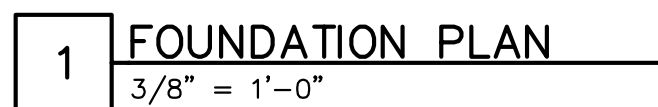
EXISTING
FOUNDATION
PLAN
BASE BID A

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S-5.0

Sheet 5 of 5



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

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BASE BID B

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NOT FOR
CONSTRUCTION

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NAZARETH HIGH SCHOOL

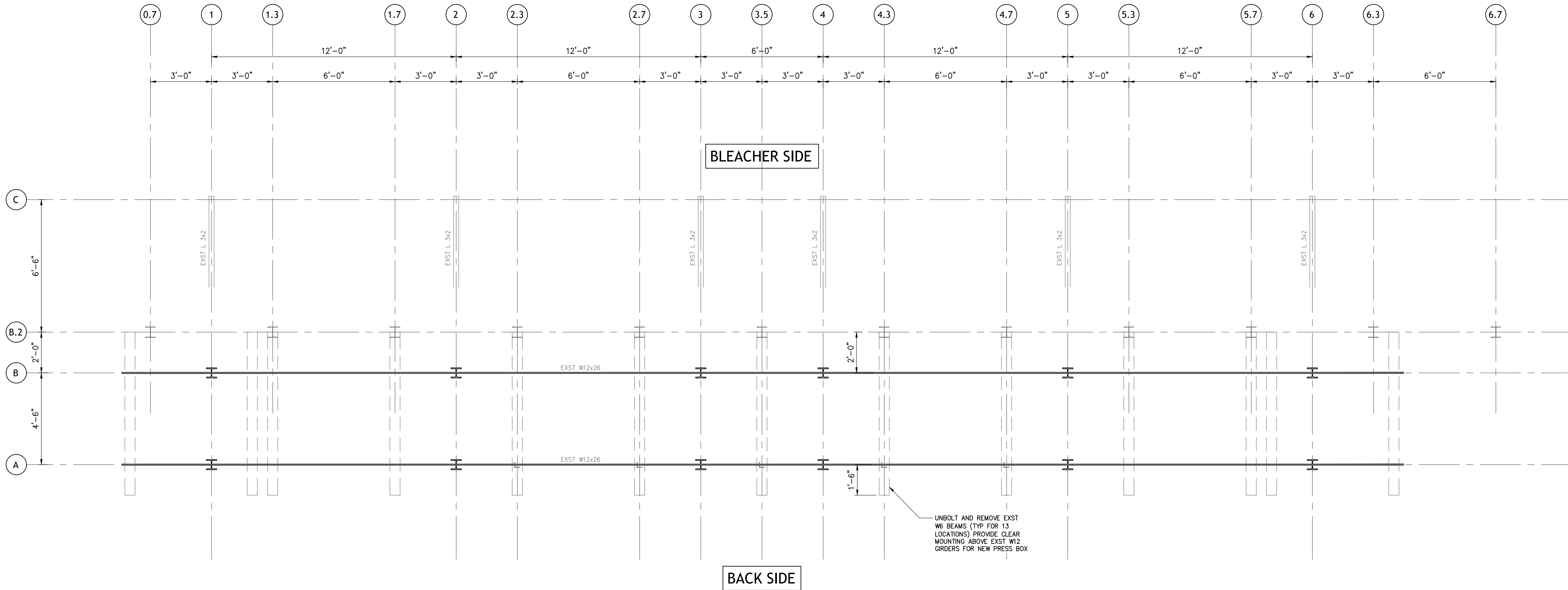
501 E CENTER STREET
NAZARETH, PA 18064

No.	Submittal / Revision	Appr	By	Date

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

Drawing No.:

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COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL ENGINEER
JAMES M. CRUM
No. PED56896
09/15/2026

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NAZARETH AREA SCHOOL DISTRICT
STADIUM PRESS BOX REPLACEMENT

SUPPORT FRAMING

No.	Submittal / Revision	Appr	By	Date

DEMOLITION FRAMING PLAN
BASE BID B

Designed By: MLP

Issue Date: 09/14/26

Drawn By: BEG

Project No.: 106040

Checked By: PMG

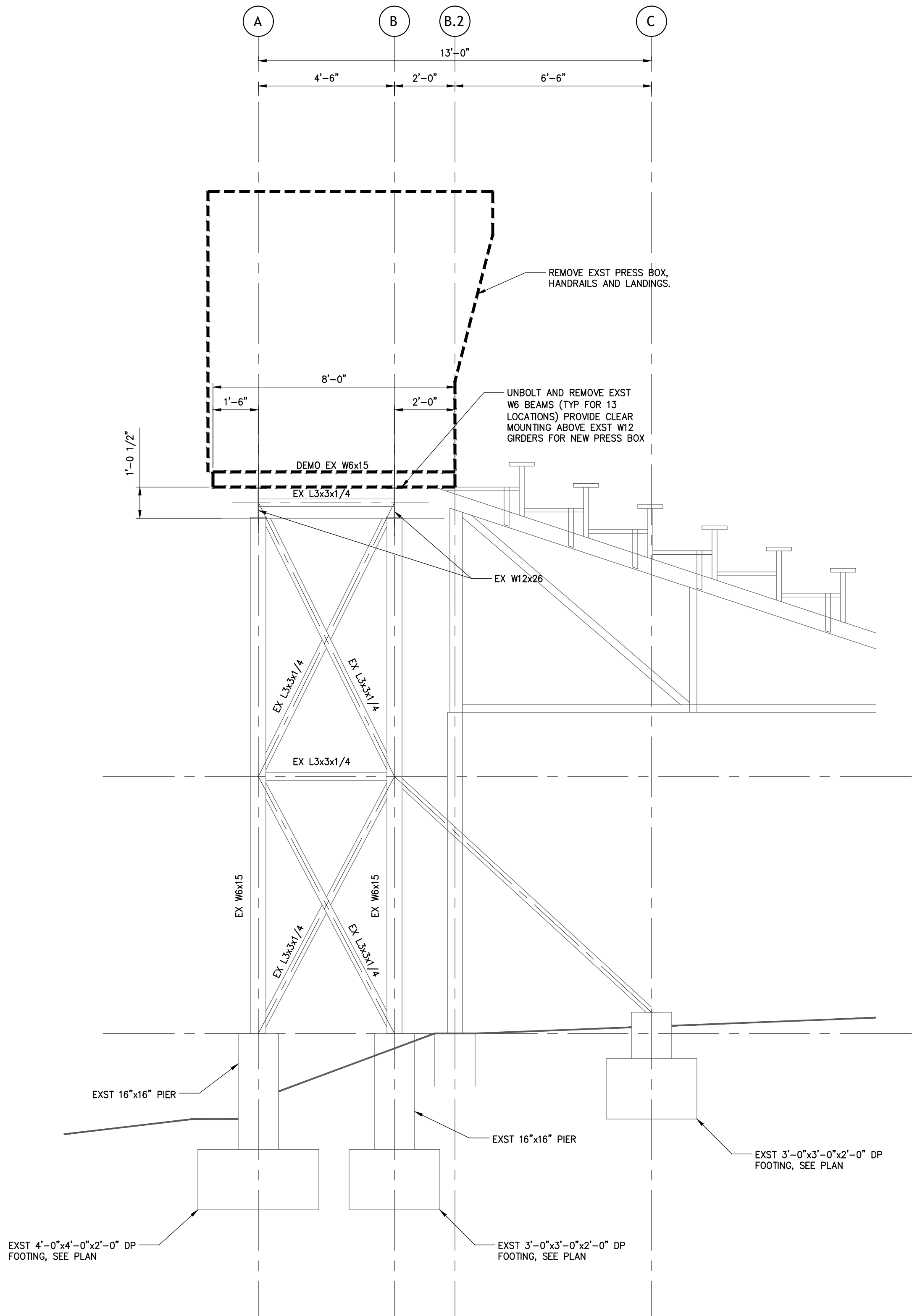
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Drawing No.:

D-101

Sheet 1 of 6

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



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OF THE ALTERATION.

NAZARETH AREA SCHOOL
DISTRICT
STADIUM PRESS BOX
REPLACEMENT

SUPPORT FRAMING

No.	Submittal / Revision	Appr	By	Date

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

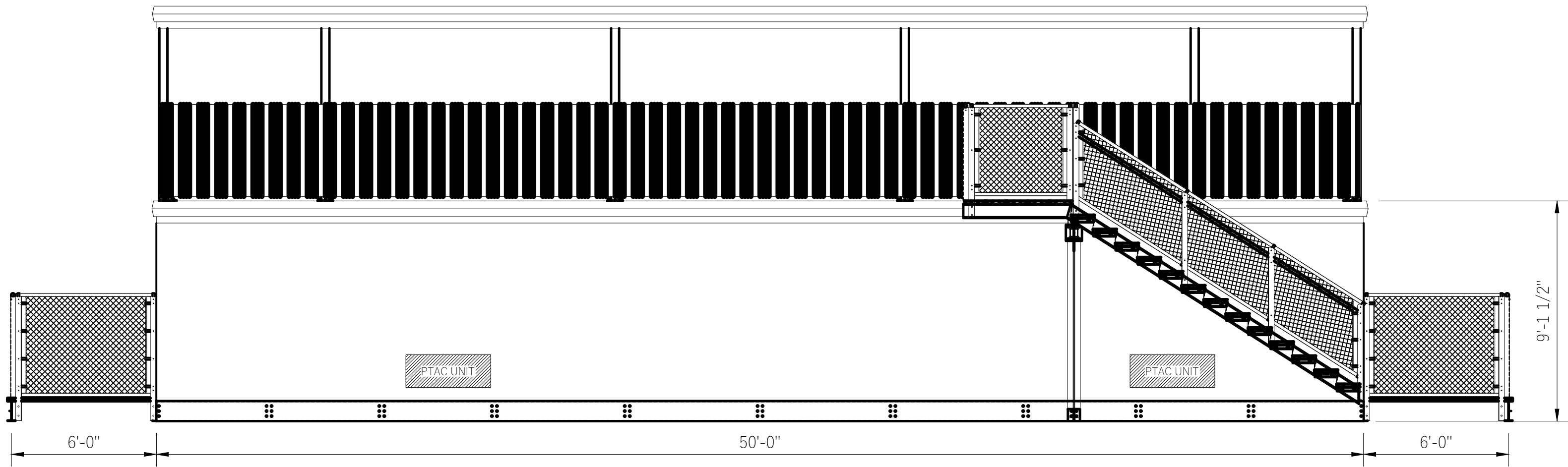
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Sheet 2 of 6



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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.

NAZARETH AREA
SCHOOL DISTRICT

ONE EDUCATION
PLAZA
NAZARETH
PA, 18064

NOT FOR
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NAZARETH HIGH SCHOOL
NEW PRESS BOX

501 E CENTER STREET
NAZARETH, PA 18064

No.	Submittal / Revision	Appr	By	Date

BASIS OF DESIGN
PRESS BOX (SOUTHERN
BLEACHER COMPANY -
REFERENCE)
BASE BID B

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

Drawing No.:

G-100

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

- Base Bid A: provide electrical demolition work shown on the Base Bid A drawings.
- Under Base Bid B:
 - 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 loads 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 cabinets 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 cable 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 providing 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 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

- Base Bid B: Wiring devices provided by Press Box Manufacturer.
- Base Bid A: 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 beating 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 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"x2" galvanized steel welded wire mesh cable tray every 1' to cable tray and wider than 1' of either end.
- 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 wider than 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

- Under Base Bid B: Lighting control devices provided by Press Box Manufacturer.
- Under Base Bid A 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. Where 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.
- 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.

J. Lighting

- Under Base Bid B: Lighting provided by Press Box Manufacturer.
- Under Base Bid A: Provide lighting as scheduled and shown on the drawings.

K. Teledata Wiring System

- Provide service entrance modifications as noted.
 - Under Base Bid A: Extend fiber as shown on plans remove incoming fiber temporarily. Reinstall, support and connect fiber after new exterior siding has set in place. Provide means to keep exposed fittings dry and safe from damage.
 - Under Base Bid B: 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 3R 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.

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
⊕ 20	POWER RECEPTACLE, AMPERAGE
⊕ R	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
ABOV	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	SECT	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
EMERG	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	WALL-MOUNTED	
GND	GROUND	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-001	ABBREVIATIONS, SYMBOLS & SPECIFICATIONS
E-100	ELECTRICAL PLANS - BASE BID A
E-101	ELECTRICAL PLANS - BASE BID B
E-701	DETAILS

NAZARETH AREA SCHOOL DISTRICT STADIUM PRESS BOX REPLACEMENT

No.	Submittal / Revision	App	By	Date

ABBREVIATION, SYMBOLS & SPECIFICATIONS

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

Drawing No.:

E-001

KEY NOTES - DEMOLITION

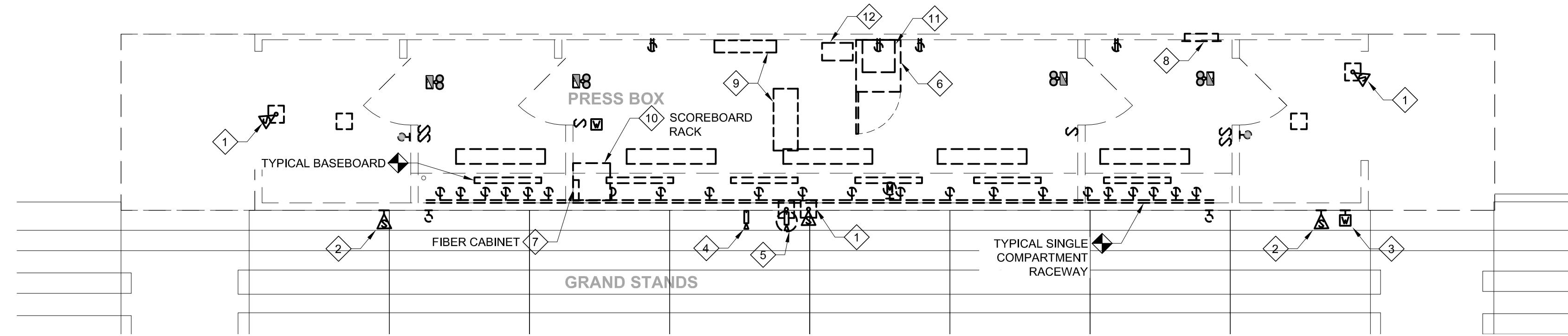
- 1 REMOVE ROOF MOUNTED SPEAKER AND MOUNTING HARDWARE. REINSTALL SPEAKER ON NEW PRESS BOX.
- 2 REMOVE WALL MOUNTED SPEAKER AND MOUNTING HARDWARE. REINSTALL SPEAKER ON NEW PRESS BOX.
- 3 REMOVE WALL MOUNTED WIRELESS ACCESS DEVICE AND HOUSING. REINSTALL ON NEW PRESS BOX.
- 4 REMOVE WALL MOUNTED FISHEYE 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

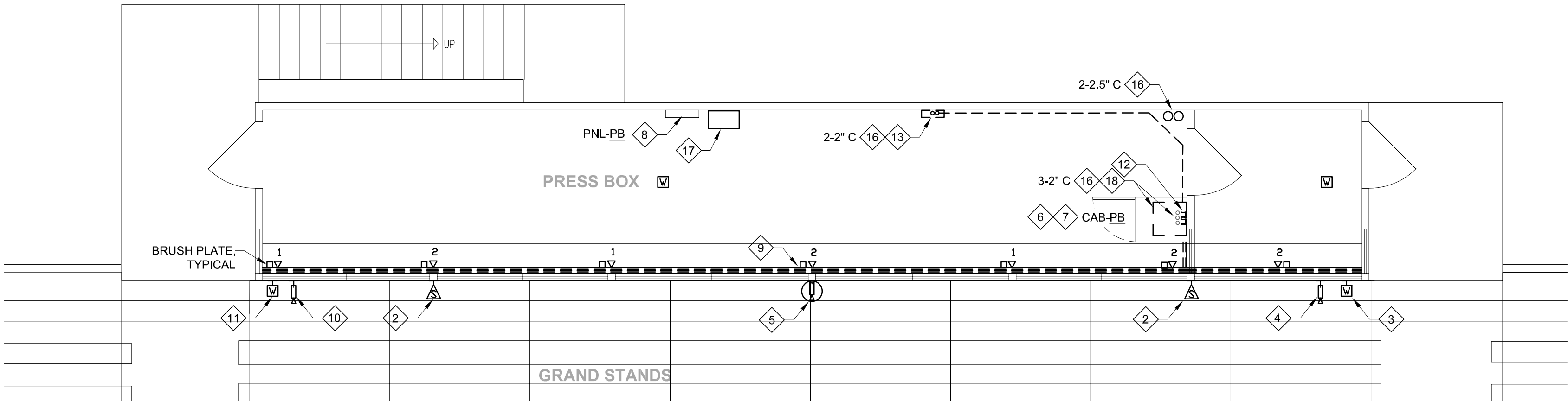
- 1 REINSTALL SPEAKER TO NEW PLATFORM STRUCTURE, WITH IN 1' OF CEILING, PROVIDE NEW MOUNTING HARDWARE AND NEW WIRING IN CONDUIT FROM DEVICE TO CAB-PB.
- 2 REINSTALL WALL MOUNTED SPEAKER TO PRESS BOX. CENTER SPEAKER BETWEEN PLATFORM AND GLASS. PROVIDE NEW WIRING FROM DEVICE TO AV EQUIPMENT IN CABINET.
- 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-701 FOR ADDITIONAL REQUIREMENTS.
- 15 NEMA 4X STAINLESS STEEL ENCLOSURE WITH 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-701 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

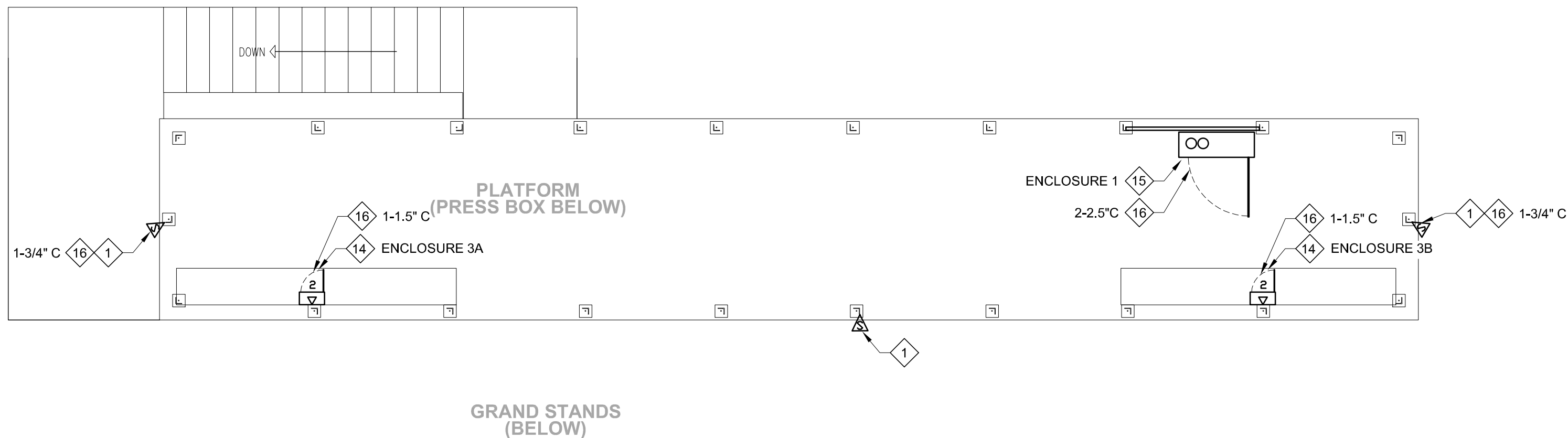
1. EXISTING GRAND STANDS SHOWN FOR REFERENCE AND NOT BE TO SCALE. FIELD VERIFY EXISTING CONDITIONS.
2. NEW PRESS BOX TO BE PROVIDED WITH POWER, LIGHTING, EMERGENCY LIGHTING, AND HVAC DEVICES, EQUIPMENT WIRING AND CONTROLS REQUIRED TO BE COMPLIANT WITH THE CURRENT IBC, NEC AND MECHANICAL CODES.



PRESS BOX - DEMOLITION - BASE BID B



PRESS BOX - POWER & LOW-VOLTAGE - BASE BID B



PRESS BOX PLATFORM - POWER & LOW-VOLTAGE - BASE BID B



PARTIAL SITE PLAN - BASE BID B

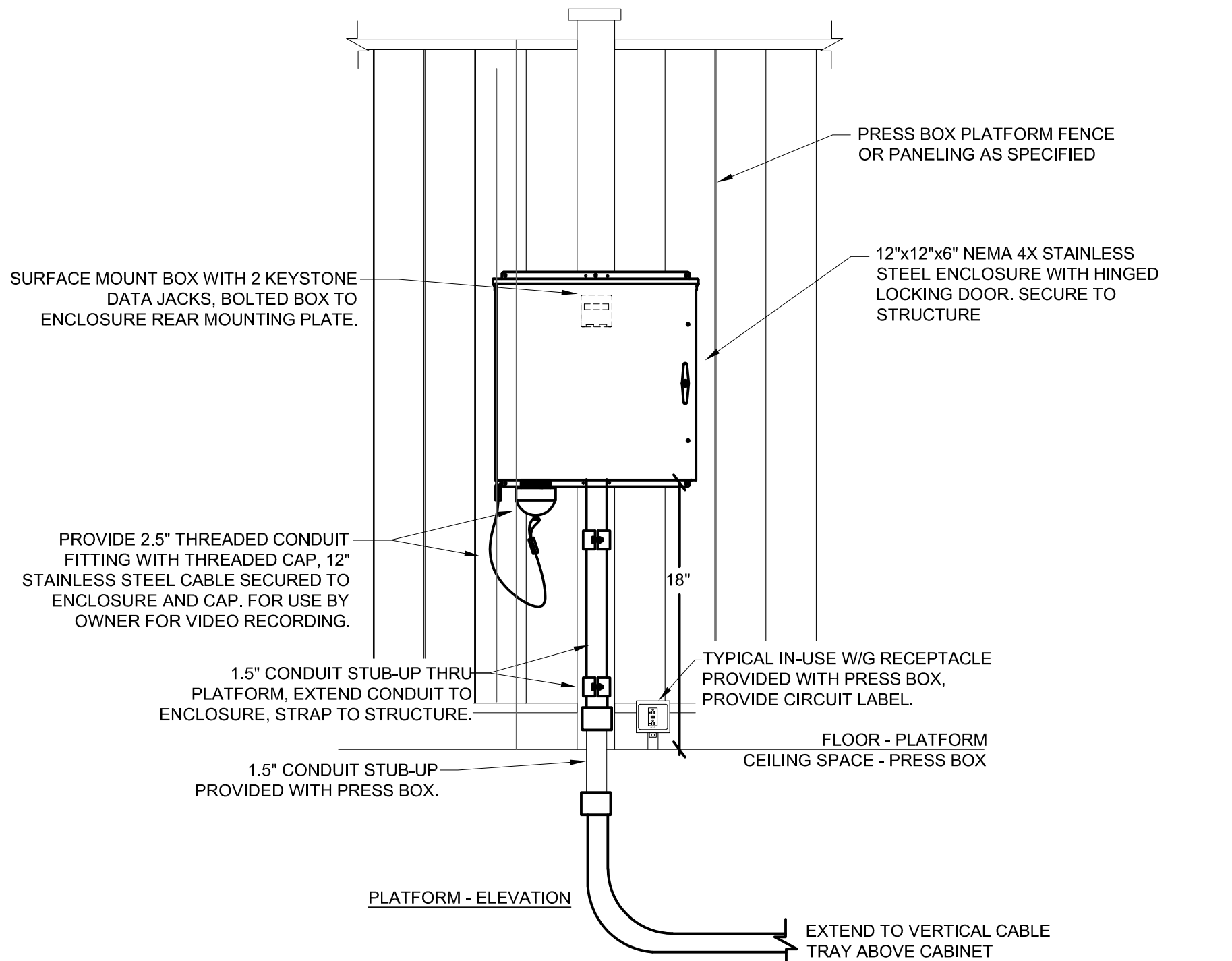
No.	Submittal / Revision	Appr	By	Date

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

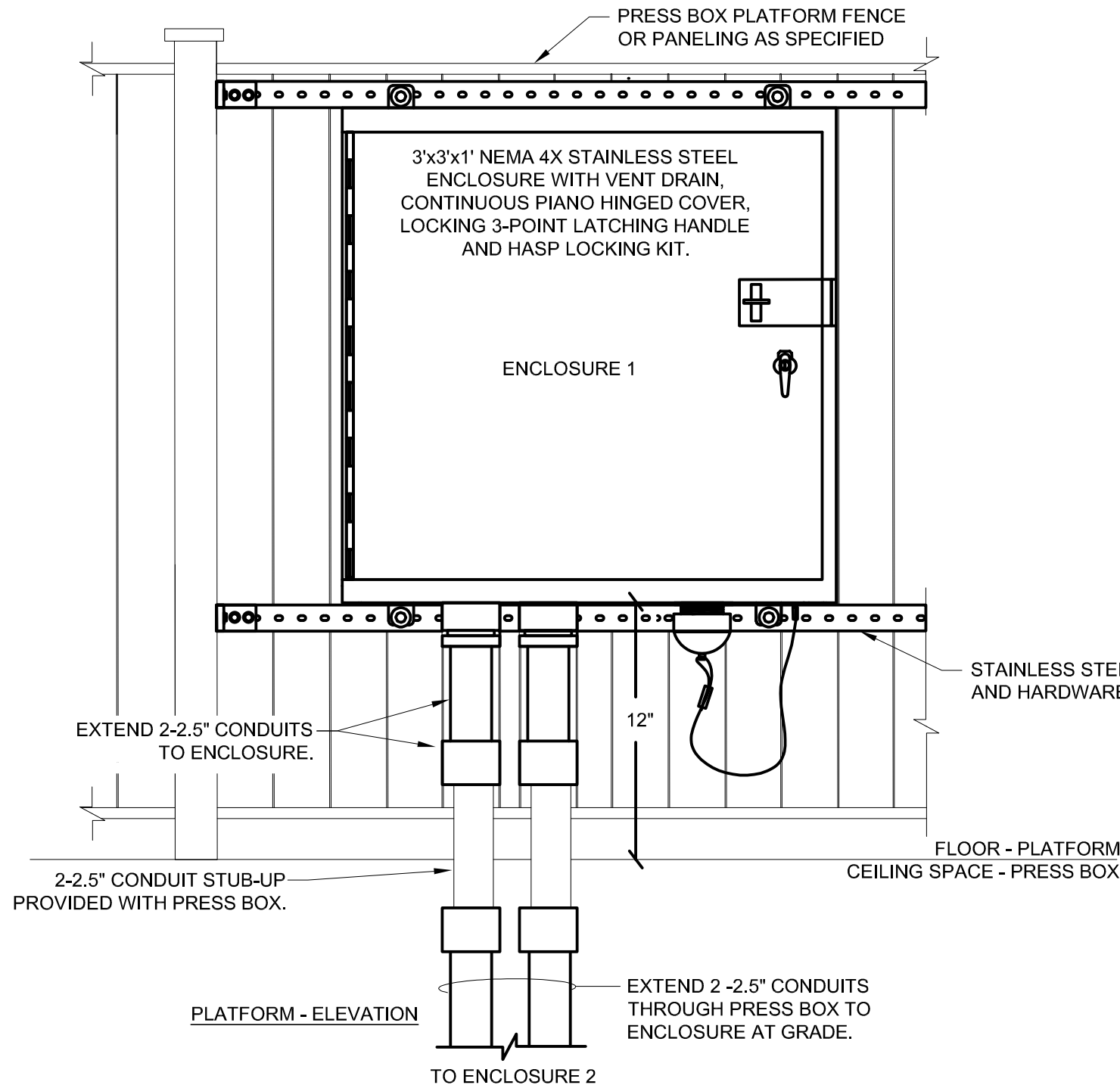
Drawing No.:

E-101



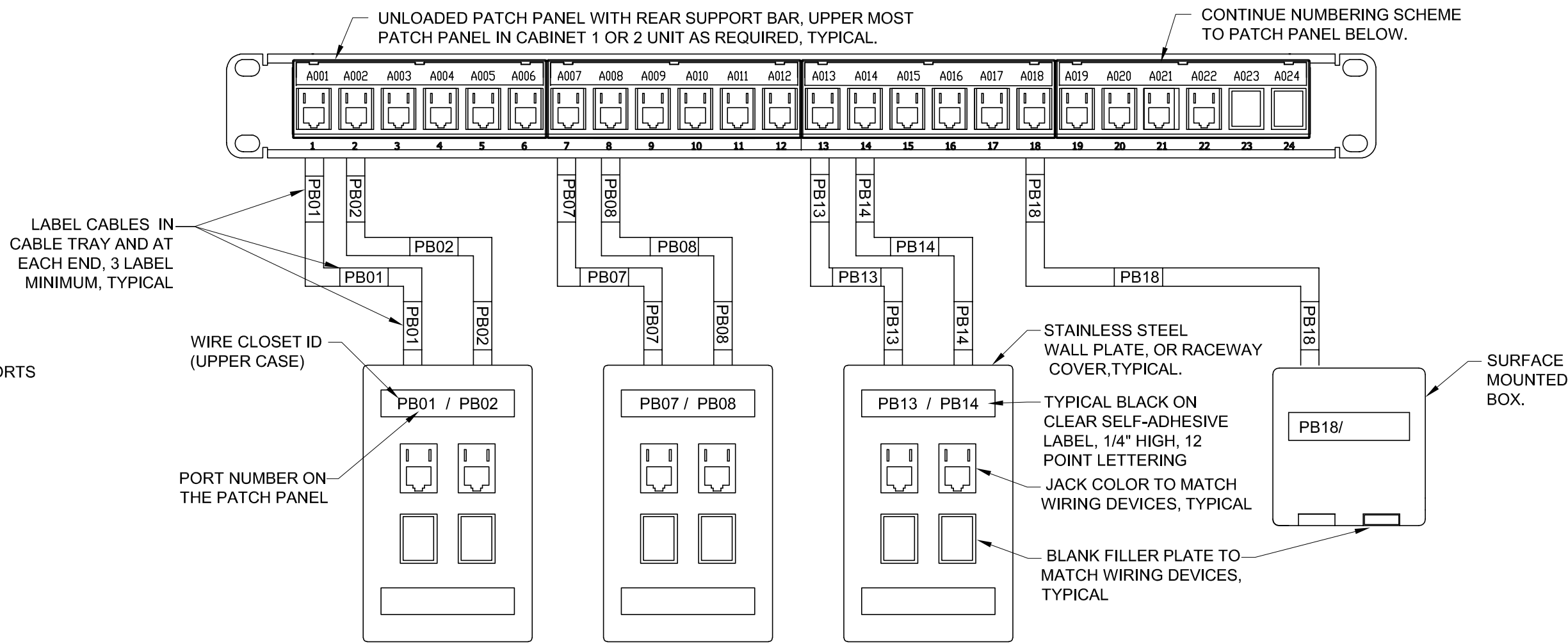
ENCLOSURE 3A & 3B SUPPORT AND MOUNTING - BASE BID B

- NOT TO SCALE
- NOTES: 1. PROVIDE STAINLESS STEEL HARDWARE.
2. SEAL CONDUIT OPENING IN THE ENCLOSURE.



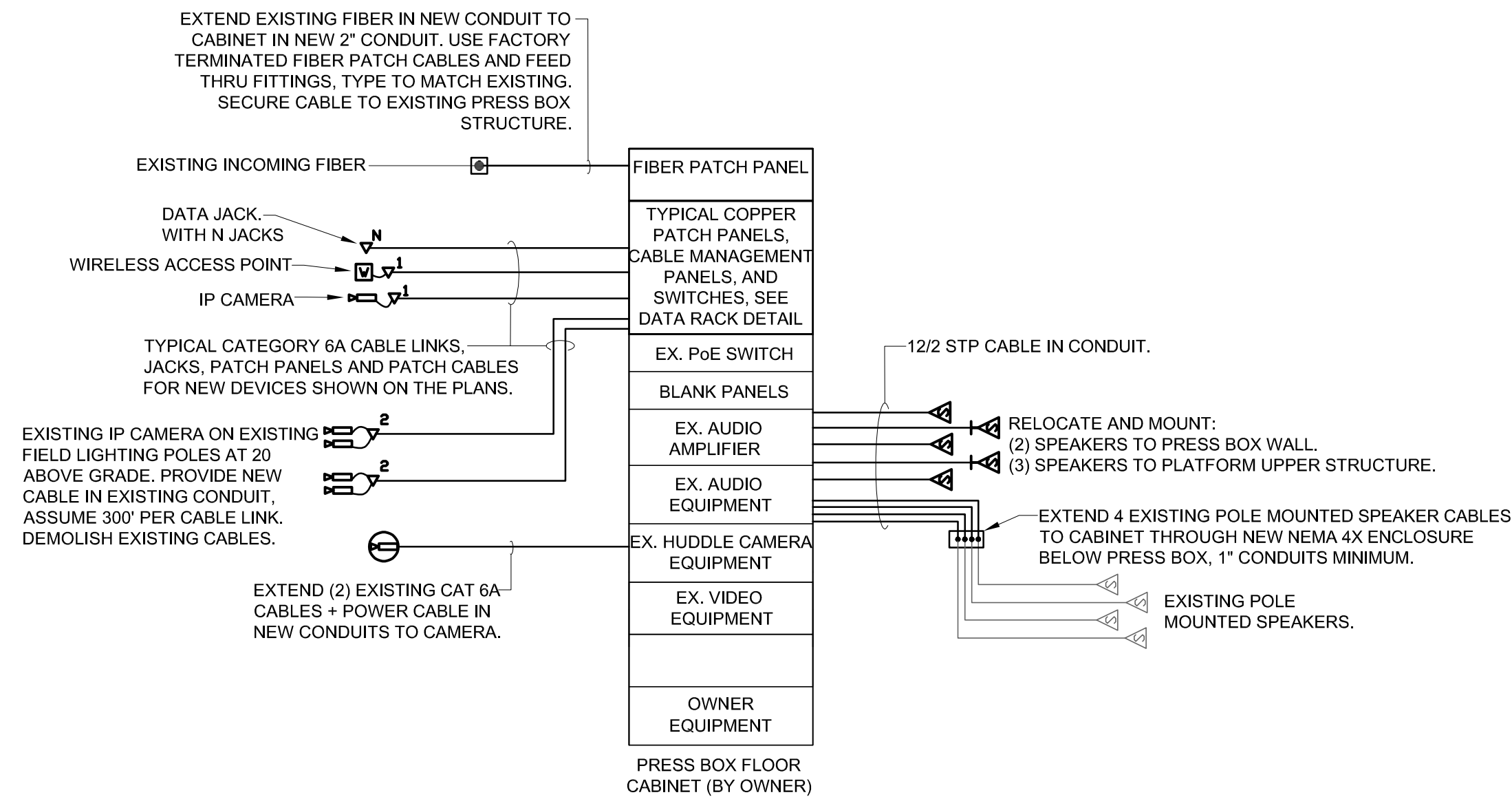
ENCLOSURE 1 SUPPORT AND MOUNTING - BASE BID B

- NOT TO SCALE
- NOTES: 1. PROVIDE STAINLESS STEEL HARDWARE.



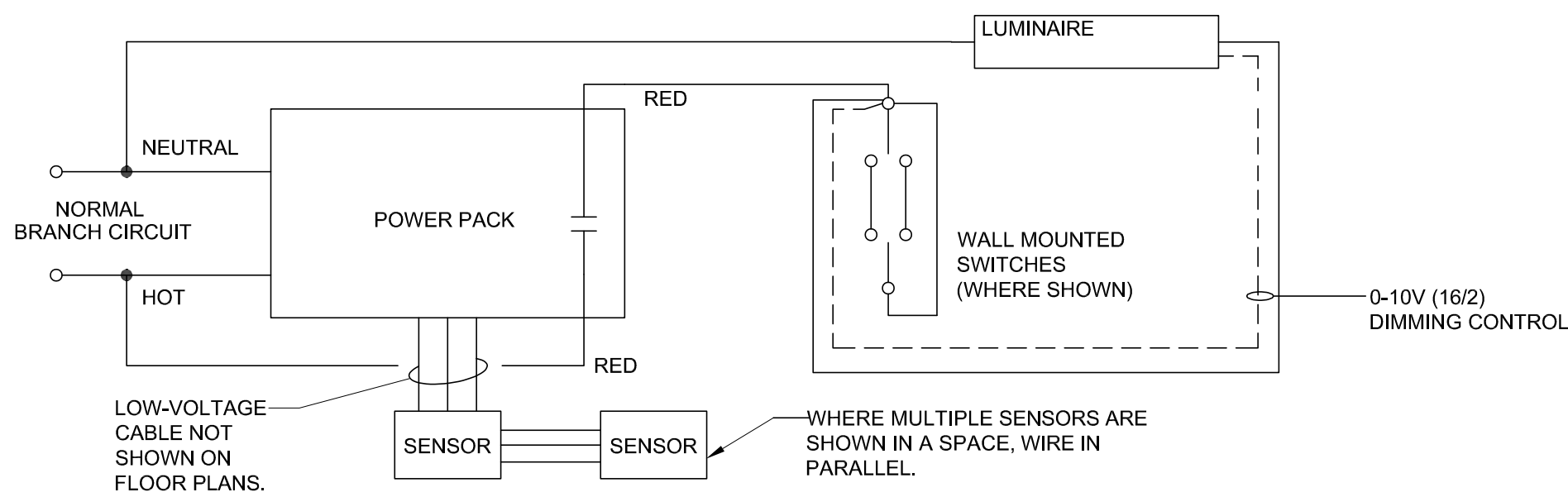
TYPICAL TELEDATA LABELING DETAIL - BASE BID A

- 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 - BASE BID B

- 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 OCCUPANCY SENSOR SWITCHING DETAIL - BASE BID A

- NOT SCALE
- REFER TO ELECTRICAL NOTES FOR ADDITIONAL REQUIREMENTS AND SPECIFICATIONS.
2. WHERE 120V AND 277V LIGHTING IS CONTROLLED BY THE SAME SENSORS PROVIDE DEDICATED POWER PACKS WIRED IN PARALLEL.

Luminaire Schedule - Base Bid A

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 to 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. IK08, 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 exit 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

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, REPRODUCE, REUSE, OR IN ANY MANNER
REPRODUCE OR ALTER THE CONTENT OF THIS DOCUMENT.
IF ANY PERSON REPRODUCES OR ALTERS THE CONTENT OF
THIS DOCUMENT WITHOUT THE WRITTEN PERMISSION OF THE
OWNER, THE USER SHALL BE RESPONSIBLE FOR ALL
CONSEQUENCES OF SUCH ACTION. THE USER SHALL BE
RESPONSIBLE FOR OBTAINING THE NECESSARY
PERMISSIONS FROM THE OWNER OF THE ALTERNATIVE.

NAZARETH AREA SCHOOL DISTRICT STADIUM PRESS BOX REPLACEMENT

No.	Submittal / Revision	Appr	By	Date

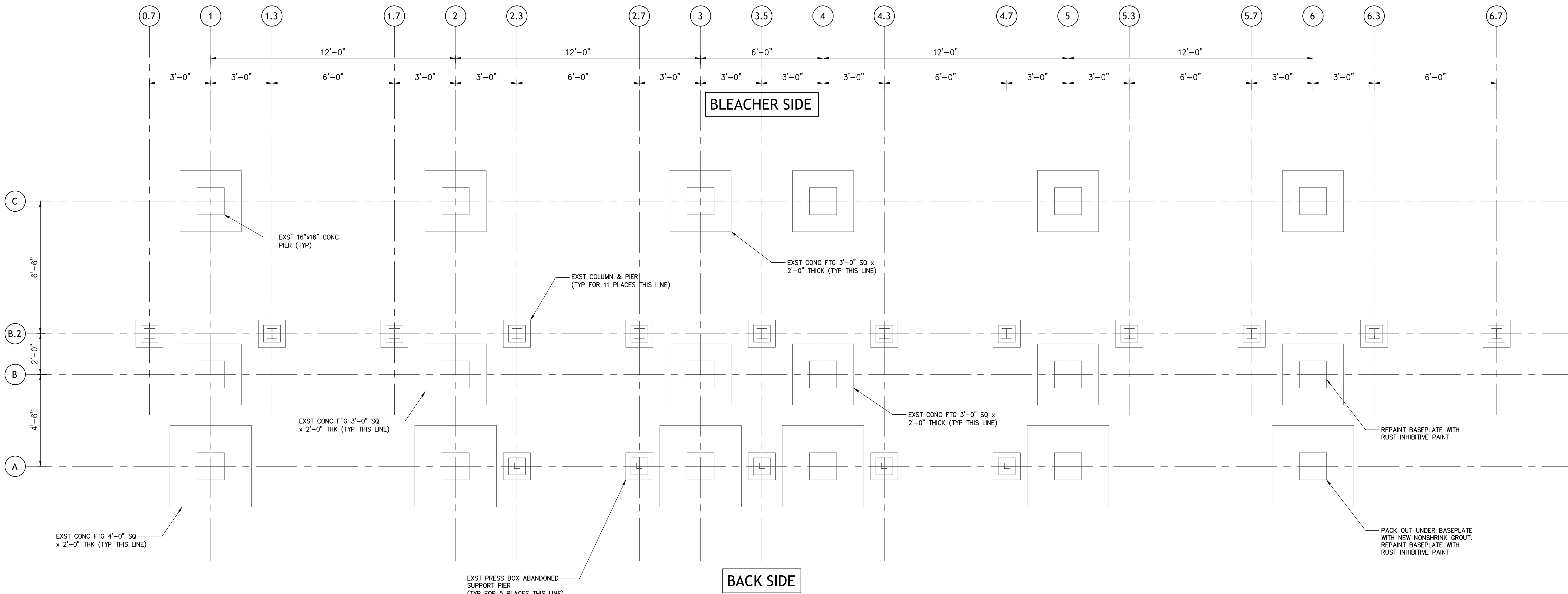
DETAILS

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

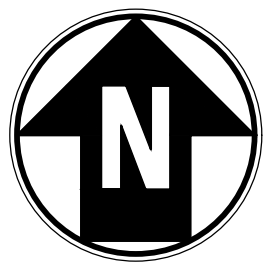
Drawing No.:

E-701

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



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	PRESS BOX UPPER CANOPY LEVEL	20	PSF
LIVE LOADS:			
PRESS BOX	LOWER LEVEL	100	PSF
PRESS BOX	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 or 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.

ABBREVIATIONS

#	NUMBER, POUND	DBL	DOUBLE	ID	INSIDE DIAMETER	N/A	NOT APPLICABLE	REV	REVISION	WBL	WOOD BLOCKING
@	AT	DEM	DEMOLITION	IF	INSIDE FACE	NIC	NOT IN CONTRACT	RH	ROOF HATCH	WJ	WALL JOINT
	DEGREE	DET	DETAIL	IN	INCHES	NOM	NOMINAL	RND	ROUND	WF	WALL FOOTING
		DIA	DIAMETER	INFO	INFORMATION	NS	NEAR SIDE	RO	ROUGH OPENING	WP	WORKING POINT
		DIM	DIMENSION	INSUL	INSULATION	NTS	NOT TO SCALE			WS	WALL STEP
		DJ	DOWEL JOINT	INV	INVERT	NWT	NORMAL WEIGHT	SC	SLIP CONTROL	WWR	WELDED WIRE REINFORCEMENT
		DL	DEAD LOAD	ISO JT	ISOLATION JOINT			SCHED	SCHEDULE		
		DN	DOWN			OC	ON CENTER	SECT	SECTION	X BRACE	CROSS BRACE
		DWG	DRAWING	JBE	JOIST BEARING ELEVATION	OD	OUTSIDE DIAMETER	SF	SQUARE FEET/FOOT	XS	EXTRA STRONG
				JT	JOINT	OF	OUTSIDE FACE	SHT	SHEET	XXS	DOUBLE EXTRA STRONG
		EA	EACH	K	KIPS	OPNG	OPENING	SIM	SIMILAR		
		EE	EACH END	K-FT	KIP FEET	OPP	OPPOSITE	SOG	SLAB ON GROUND		
		EF	EACH FACE	KB	KNEE BRACE	OVS	OVERSIZE	SFA	SPACE(S)		
		EJ	EXPANSION JOINT	KO	KNOCKOUT	PAF	POWDER ACTUATED FASTENER	SPEC	SPECIFICATION		
		EL	ELEVATION	KPL	KICK PLATE	PAR	PARALLEL	SQ	SQUARE		
		ELEC	ELECTRICAL	KSF	KIPS PER SQUARE FOOT	PCC	PRECAST CONCRETE	SSLT	SHORT SLOT		
		EOD	EDGE OF DECK	KWY	KEY WAY	PCF	POUND PER CUBIC FOOT	SST	STAINLESS STEEL		
		EOS	EDGE OF SLAB			PEMB	PRE ENGINEERED METAL BUILDING	STA	STATION		
		EPS	EXPANDED POLYSTYRENE			PERP	PERPENDICULAR	STD	STANDARD		
		EQ	EQUAL	LB(S)	POUND(S)	PL	PLATE	STL	STEEL		
		EQUIP	EQUIPMENT	LD BRG	LOAD BEARING	PJP	PARTIAL JOINT PENETRATION	STRUCT	STRUCTURAL		
		EW	EACH WAY	LS	LENGTH / LONG	PL	PLATE	SW	SHEAR WALL OR SHORT WAY		
		EXP	EXPANSION	LL	LIVE LOAD	PLAT	PLATFORM				
		LLBB	LONG LEG BACK TO BACK	PLMB	PLUMBING	PLF	POUNDS PER LINEAR FOOT	T&B	TOP AND BOTTOM		
		LLH	LONG LEG HORIZONTAL	PLF	PREFABRICATED	PSI	POUNDS PER SQUARE FOOT	TD	TRENCH DRAIN		
		LLV	LONG LEG VERTICAL	PREFAB	TEMP	PT	PRESSURE TREATED	THK	THICKNESS		
		LNTL	LINTEL	PRELIM	PROJECTION	PUR	PURLINS	THRD	THREADED ROD		
		LONG	LONGITUDINAL			PVG	PAVING	THRU	THROUGH		
		LPT	LOW POINT			QA	QUALITY ASSURANCE	TO	TOP OF		
		LSH	LONG SIDE HORIZONTAL			QC	QUALITY CONTROL	TOC	TOP OF CONCRETE		
		LSLT	LONG SLOT			QTY	QUANTITY	TOFTG	TOP OF FOOTING		
		LSV	LONG SIDE VERTICAL					TOS	TOP OF STEEL		
		LT WT	LIGHTWEIGHT					TOSL	TOP OF SLAB		
		LW	LONG WAY					TOW	TOP OF WALL		
								TYP	TYPICAL		
		MAX	MAXIMUM					UNEX	UNEXCAVATED		
		MECH	MECHANICAL					UNO	UNLESS NOTED OTHERWISE		
		MEP	MECHANICAL - ELECTRICAL - PLUMBING								
		MFD	MANUFACTURED			R	RADIUS				
		MFG	MANUFACTURING			RD	ROOF DRAIN				
		MFR	MANUFACTURER			RDG INS	RIGID INSULATION				
		MIN	MINIMUM			REF	REFERENCE	VERT	VERTICAL		
		MO	MASONRY OPENING			REINF	REINFORCING	VR	VERIFY IN FIELD		
		MTL	METAL			REK	REMAINDER		VAPOR RETARDER		
						REQD	REQUIRED	W/	WITH		
						RET	RETAINING	W/O	WITHOUT		



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, ADD, DELETE OR IN ANY MANNER
BROKEN, ARCHITECT, LANDSCAPE ARCHITECT OR LAND
SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE
INDICATION, 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

SUPPORT FRAMING

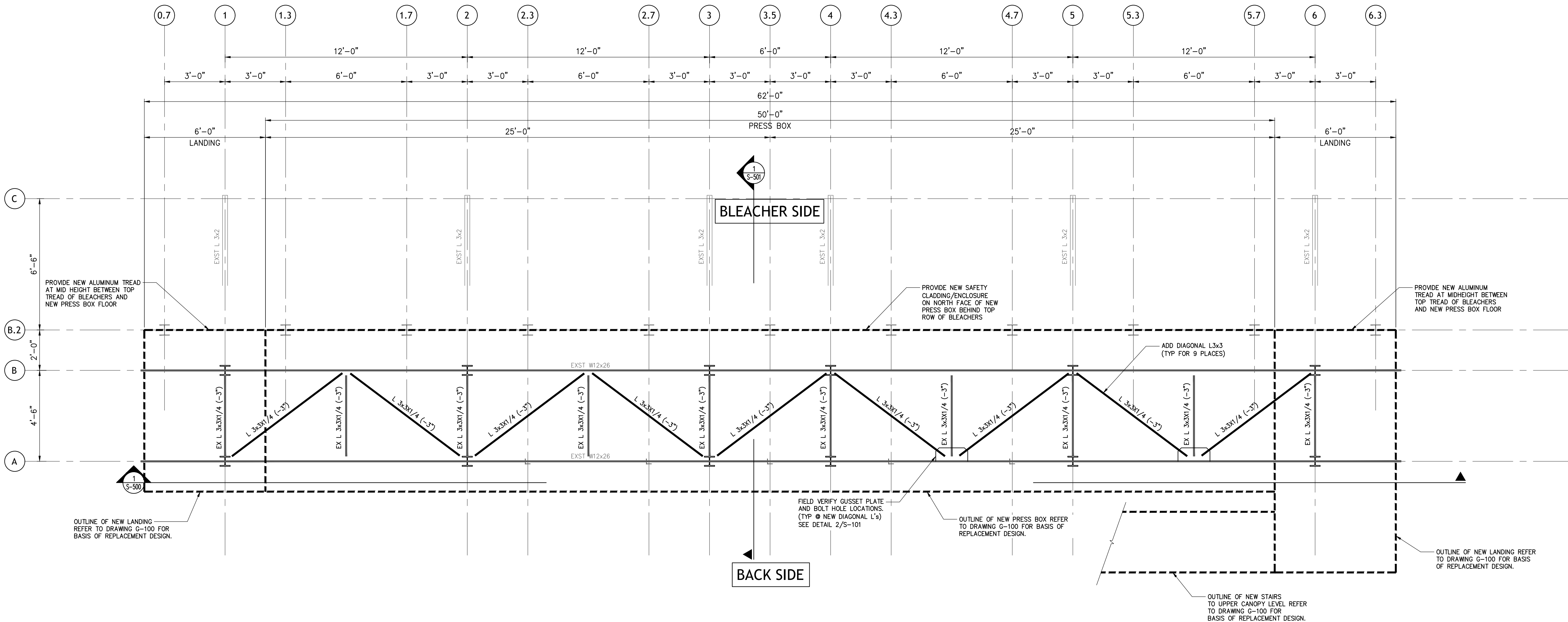
No.	Submittal / Revision	Appr	By	Date

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

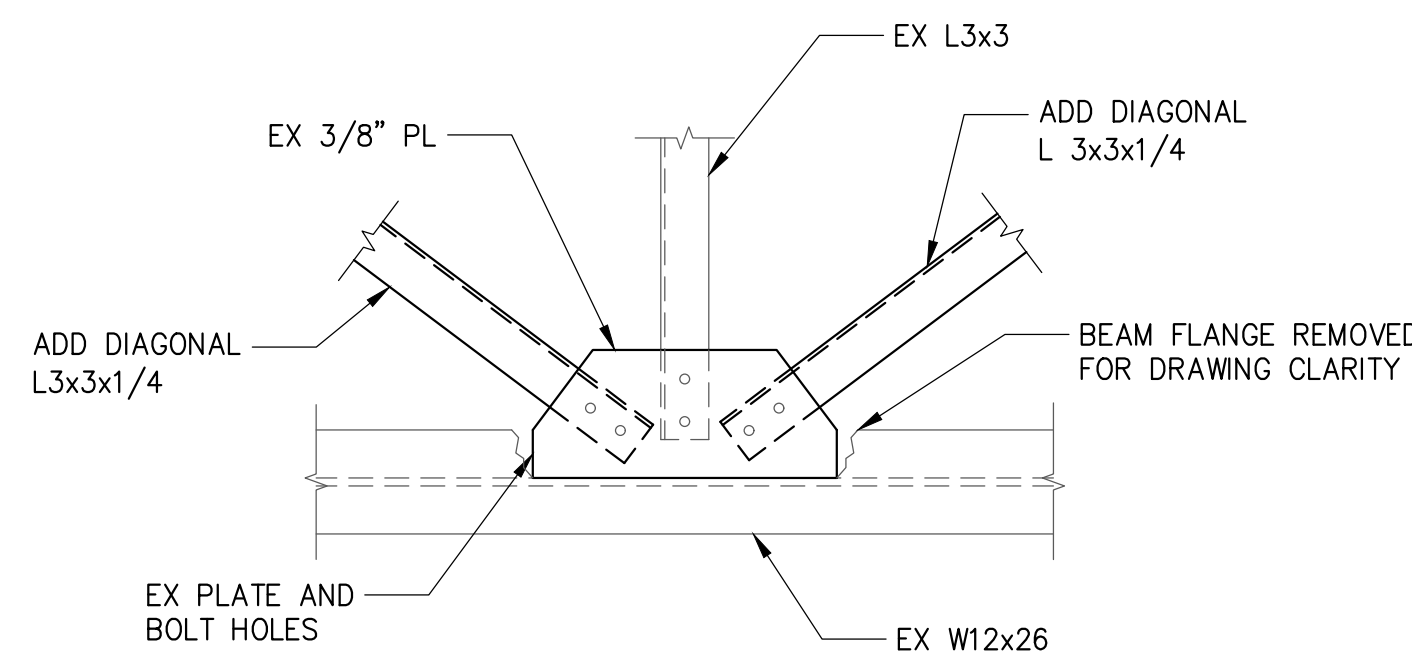
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S-100
Sheet 3 of 6

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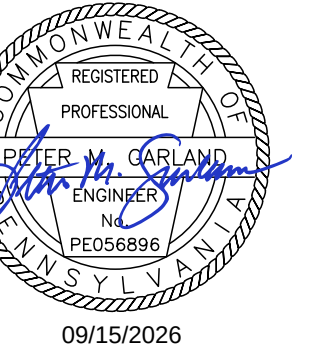


1 FRAMING PLAN
3/8" = 1'-0"

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



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



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STAMP OF A LICENSED PROFESSIONAL IS ALTERED. THE ALTERING
ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND
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INDICATION, ALTERED BY, FOLLOWED BY THEIR SIGNATURE, THE
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NAZARETH AREA SCHOOL
DISTRICT
STADIUM PRESS BOX
REPLACEMENT

SUPPORT FRAMING

No.	Submittal / Revision	Appr	By	Date

FRAMING
PLAN
BASE BID B

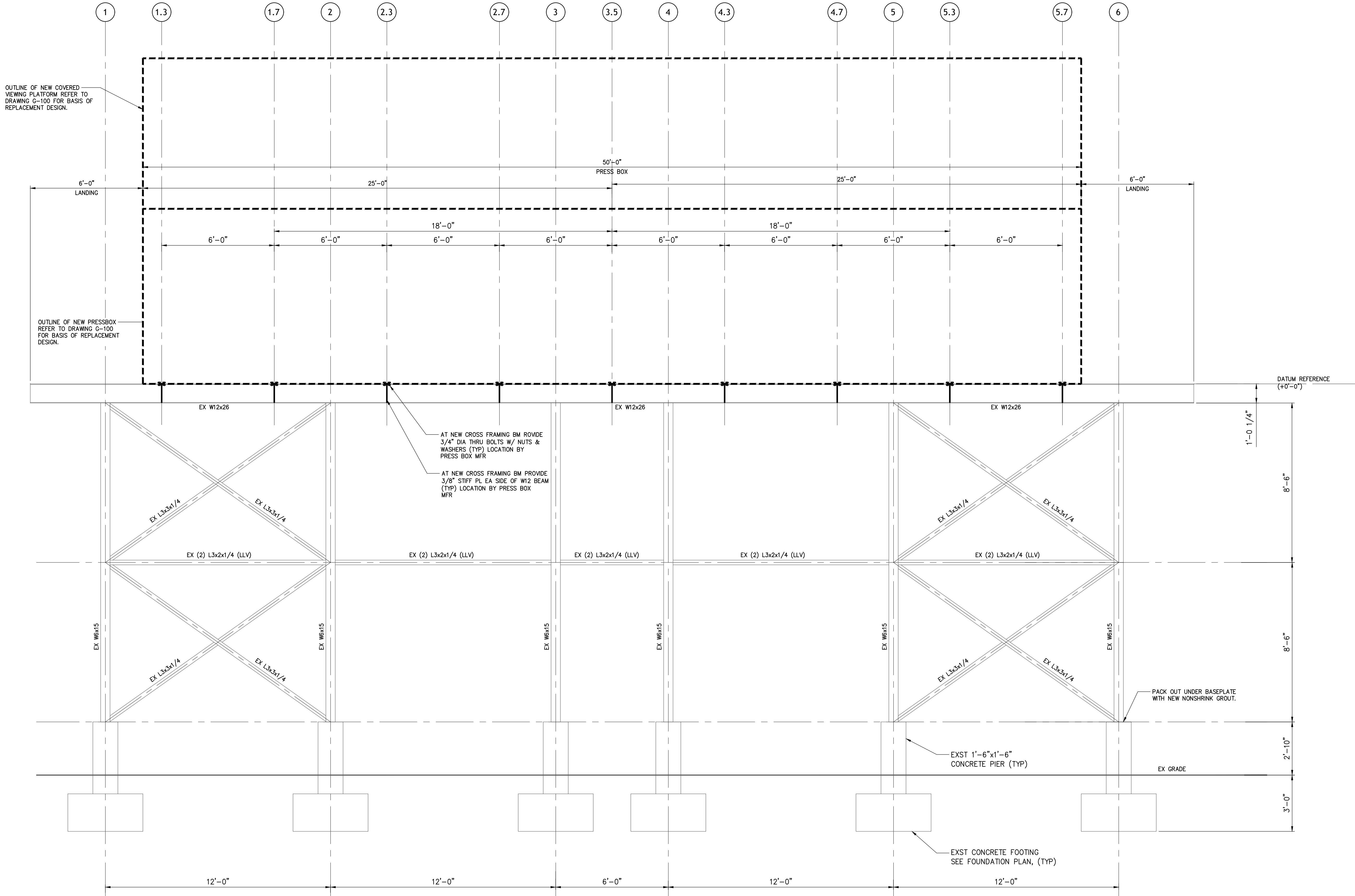
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Issue Date: 09/14/26	Project No.: 106040	Scale: AS SHOWN

Drawing No.:

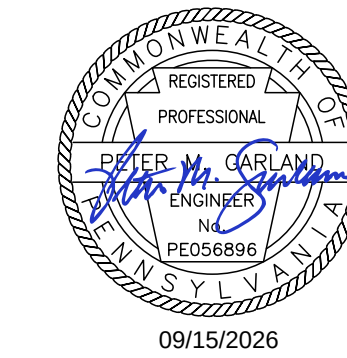
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Sheet 4 of 6

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1 NORTH ELEVATION NEW PRESS BOX
3/8" = 1'-0"



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STAMP OF A LICENSED PROFESSIONAL IS ALTERED. THE ALTERING
ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND
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INDICATION, 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

SUPPORT FRAMING

No.	Submittal / Revision	Appr	By	Date

EXISTING
NORTH
ELEVATION
BASE BID B

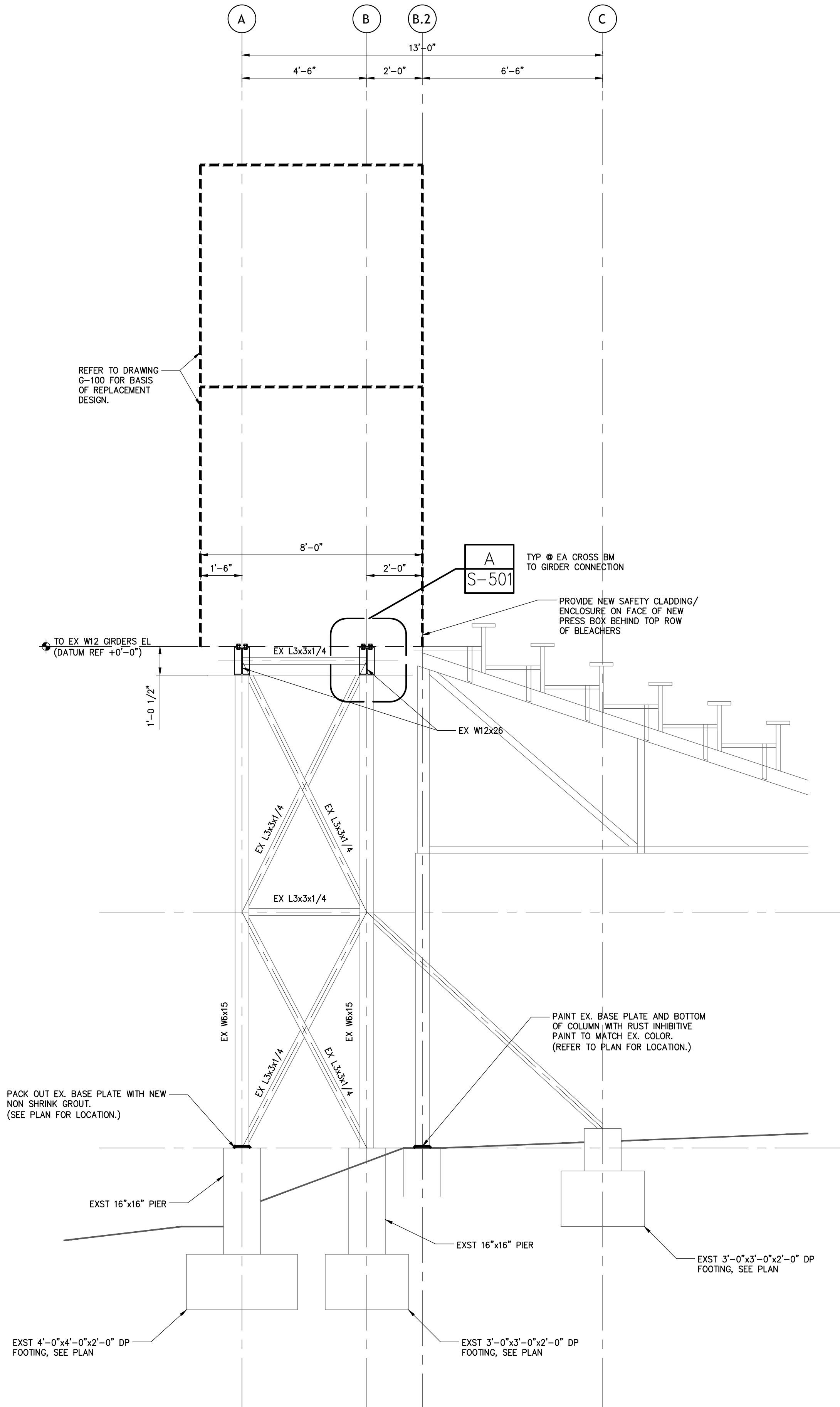
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Issue Date: 09/14/26	Project No.: 106040	Scale: AS SHOWN

Drawing No.:

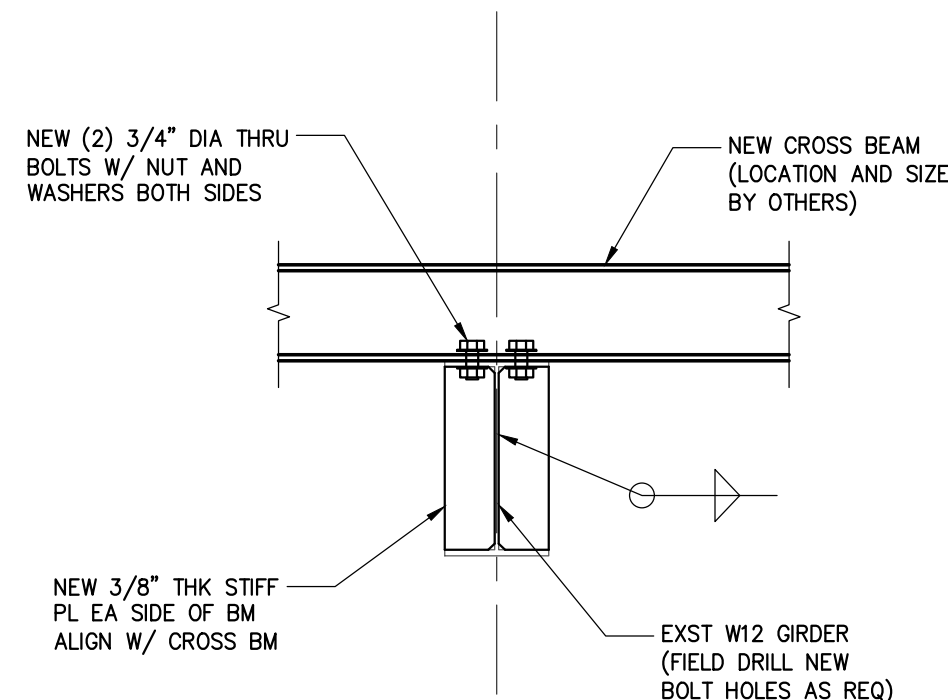
S-500

Sheet 5 of 6

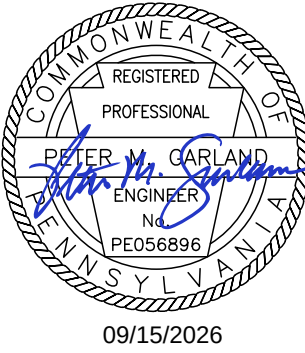
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1 SECTION
3/8" = 1'-0"



A DETAIL
1" = 1'-0"



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SURVEYOR TO ALTER ANY TITLE IN ANY WAY. IF AN OTHER PERSON'S
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**

SUPPORT FRAMING

No.	Submittal / Revision	Appr	By	Date

**EAST
ELEVATION
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.:

S-501

Sheet 6 of 6