DOCUMENT 00 90 00 ADDENDUM

ADDENDUM NO. [2] Date: November 2, 2018

RE: PRENTICE SCHOOL DISTRICT

ADDITION AND REMODELING BID PKG 3

1025 TOWN ST PRENTICE, WI 54556 HSR PROJECT NO. 18022

FROM: HSR Associates, Inc

100 Milwaukee Street La Crosse, WI 54603 (608) 784-1830

To: Prospective Bidders

This addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated October 2018. Acknowledge receipt of this Addendum in the space provided on the bid form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of [2] pages, [1] specification section, and [17] 30 x 42 drawings.

CHANGES TO BIDDING REQUIREMENTS AND CONDITIONS OF THE CONTRACT:

- 1. Section 00 11 33 ADVERTISEMENT FOR BIDS
 - a. Bid date shall change from November 6 to November 13, 2018.

GENERAL REQUIREMENTS:

- 2. Section 01 21 00 ALLOWANCES
 - a. 1.07, A: Change allowance amount for brick from \$1400 to \$2000 per thousand.

CHANGES TO SPECIFICATIONS:

- 3. Section 04 72 00 CAST STONE MASONRY
 - a. Section attached hereto as part of Contract Documents.

CHANGES TO DRAWINGS

- 4. Sheet A112R FLOOR PLAN-UNIT B 30 x 42 attached hereto.
 - a. Revisions clouded on Drawing.
 - b. 6" concrete foundation wall w/ 4" brick added at NW corner of Kitchen.
- 5. Sheet A200R EXTERIOR ELEVATIONS 30 x 42 attached hereto
 - a. Revisions clouded on Drawing.
 - b. Cast reveals added.
 - c. Cast stone corner details added.
- 6. Sheet A201R EXTERIOR ELEVATIONS 30 x 42 attached hereto
 - a. Revisions clouded on Drawing

- 7. Sheet A310R WALL SECTIONS 30 x 42 attached hereto
 - a. Revisions clouded on Drawing
 - b. Section 11 added showing 6 inch foundation brick ledge.
- 8. Sheet A311R WALL SECTIONS 30 x 42 attached hereto
 - a. Revisions clouded on Drawing
- 9. Sheet A313R WALL SECTIONS 30 x 42 attached hereto
 - a. Revisions clouded on Drawing
- 10. Sheet A314R WALL SECTIONS 30 x 42 attached hereto
 - a. Revisions clouded on Drawing
- 11. Sheet A315R WALL SECTIONS 30 x 42 attached hereto
 - a. Revisions clouded on Drawing
- 12. Sheet A500 DETAILS 30 x 42 attached hereto
 - a. Drawing attached as part of Contract Documents
- 13. Sheet A501 DETAILS 30 x 42 attached hereto
 - a. Drawing attached as part of Contract Documents
- 14. Sheet A510 DOOR-WINDOW DETAILS 30 x 42 attached hereto
 - a. Drawing attached as part of Contract Documents
- 15. Sheet A511 DOOR-WINDOW DETAILS 30 x 42 attached hereto
 - a. Drawing attached as part of Contract Documents
- 16. Sheet A512 DOOR-WINDOW DETAILS 30 x 42 attached hereto
 - a. Drawing attached as part of Contract Documents
- 17. Sheet A513 DOOR-WINDOW DETAILS 30 x 42 attached hereto
 - a. Drawing attached as part of Contract Documents
- 18. Sheet A514 MISC DETAILS 30 x 42 attached hereto
 - a. Drawing attached as part of Contract Documents
- 19. Sheet S202R FRAMING PLANS-UNIT A&E 30 x 42 attached hereto
 - a. Revisions clouded on Drawing
- 20. Sheet S810R FRAMING DETAILS 30 x 42 attached hereto
 - a. Revisions clouded on Drawing

END OF DOCUMENT 00 90 00

SECTION 04 72 00 CAST STONE MASONRY

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Architectural cast stone, dry cast.
- B. Units required are:
 - Exterior wall units, including sills, water tables, and wall panels.

1.02 RELATED REQUIREMENTS

- A. Section 04 05 11 Mortar and Masonry Grout: Mortar for setting cast stone.
- B. Section 04 20 00 Unit Masonry: Installation of cast stone in conjunction with masonry.
- C. Section 07 92 00 Joint Sealants: Sealing joints indicated to be left open for sealant.

1.03 REFERENCE STANDARDS

- ACI 318 Building Code Requirements for Structural Concrete and Commentary; 2014 (Errata 2016).
- B. ASTM A123/A123M Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products; 2015.
- C. ASTM A185/A185M Standard Specification for Steel Welded Wire Reinforcement, Plain, for Concrete; 2007
- D. ASTM A615/A615M Standard Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement; 2016.
- E. ASTM A767/A767M Standard Specification for Zinc-Coated (Galvanized) Steel Bars for Concrete Reinforcement; 2009 (Reapproved 2015).
- F. ASTM A884/A884M Standard Specification for Epoxy-Coated Steel Wire and Welded Wire Reinforcement; 2014.
- G. ASTM A1064/A1064M Standard Specification for Carbon-Steel Wire and Welded Wire Reinforcement, Plain and Deformed, for Concrete; 2015.
- H. ASTM C33/C33M Standard Specification for Concrete Aggregates; 2016.
- ASTM C150/C150M Standard Specification for Portland Cement; 2016.
- J. ASTM C 173 Standard Test Method for Air Content of Freshly Mixed Concrete by the Volume Method.
- K. ASTM C 231 Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method.
- L. ASTM C 260 Standard Specification for Air-Entrained Admixtures for Concrete.
- M. ASTM C270 Standard Specification for Mortar for Unit Masonry; 2014a.
- N. ASTM C494/C494M Standard Specification for Chemical Admixtures for Concrete; 2016.
- O. ASTM C 618 Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use as a Mineral Admixture in Concrete.
- P. ASTM C642 Standard Test Method for Density, Absorption, and Voids in Hardened Concrete; 2013.
- Q. ASTM C 666 Standard Test Method for Resistance of Concrete to Rapid Freezing and Thawing.
- R. ASTM C979/C979M Standard Specification for Pigments for Integrally Colored Concrete; 2016.
- S. ASTM C 989 Standard Specification for Ground Granulated Blast-Furnace Slag for Use in Concrete.
- T. ASTM C 1194 Standard Test Method for Compressive Strength of Architectural Cast Stone.
- U. ASTM C 1195 Standard Test Method for Absorption of Architectural Cast Stone
- V. ASTM C1364 Standard Specification for Architectural Cast Stone; 2017.
- W. ASTM D 2244 Standard Test Method for Calculation of Color Differences from Instrumentally Measured Color Coordinates.

1.04 DEFINITIONS

- A. Cast Stone a refined architectural concrete building unit manufactured to simulate natural cut stone, used in unit masonry applications.
 - 1. Dry Cast Concrete Products manufactured from zero slump concrete.
 - Vibrant Dry Tamp (VDT) casting method: Vibratory ramming of earth moist, zero- slump concrete against a rigid mold until it is densely compacted.
 - Machine casting method: manufactured from earth moist, zero-slump concrete compacted by machinery using vibration and pressure against a mold until it becomes densely consolidated
 - 2. Wet Cast Concrete Products manufactured from measurable slump concrete.
 - a. Wet casting method: manufactured from measurable slump concrete and vibrated into a mold until it becomes densely consolidated.

1.05 SUBMITTALS

- A. See Section 01 30 00 Administrative Requirements, for submittal procedures.
- B. Product Data: Test results of cast stone components made previously by the manufacturer.
- C. Shop Drawings: Include key plans, elevations, floor plans when appropriate, dimensions, layouts, profiles, cross sections, reinforcement, exposed faces, arrangement of joints, anchoring methods, anchors, and piece numbers.
- D. Test results: Submit manufacturers test results of Cast Stone previously made by the manufacturer in the last 90 days, for the following.
 - 1. Compressive Strength
 - 2. Absorption
 - 3. Air Content (wet cast only)
- E. Verification Samples: (2) pieces of actual cast stone components not less than 12 inches square, illustrating range of color and texture to be anticipated in components furnished for the project.
- F. Source Quality Control Test Reports.
- G. Manufacturer's Qualification Data: Documentation showing compliance with specified requirements.

1.06 QUALITY ASSURANCE

- A. Manufacturer Qualifications:
 - A firm with a minimum of 10 years experience producing cast stone of types required for project.
 - 2. Current producer member of the Cast Stone Institute in good standing.
 - 3. Manufacturer's production facility currently holds a Plant Certification from the Cast Stone Institute.
 - 4. Adequate plant capacity to furnish quality, sizes, and quantity of cast stone required without delaying progress of the work.
 - 5. All products must contain Portland cement.
- B. Mock-Up: Provide full size cast stone components for installation in mock-up of exterior wall.
 - 1. Approved mock-up will become standard for appearance and workmanship.

1.07 DELIVERY, STORAGE, AND HANDLING

- A. Deliver cast stone components secured to shipping pallets and protected from damage and discoloration. Protect corners from damage.
- B. Number each piece individually to match shop drawings and schedule.
- C. Store cast stone components and installation materials in accordance with manufacturer's instructions.
- D. Store cast stone components on pallets with nonstaining, waterproof covers. Ventilate under covers to prevent condensation. Prevent contact with dirt.
- E. Protect cast stone components during handling and installation to prevent chipping, cracking, or other damage.
- F. Store mortar materials where contamination can be avoided.
- G. Schedule and coordinate production and delivery of cast stone components with unit masonry work to optimize on-site inventory and to avoid delaying the work.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Architectural Cast Stone:
 - 1. Any current producer member of the Cast Stone Institute.
 - 2. Edwards Cast Stone: www.edcstone.com.
 - 3. American Artstone: www.american-artstone.com.
 - 4. MidCon Products: www.midconproducts.com
 - Custom Cast Stone: www.customcaststone.com

2.02 ARCHITECTURAL CAST STONE

- A. Cast Stone: Architectural concrete product manufactured to simulate appearance of natural stone, complying with ASTM C1364.
 - 1. Compressive Strength: As specified in ASTM C 1194 and C 1364; 6500 psi minimum for products at 28 days.
 - 2. Water absorption: ASTM C 1195: 6% maximum by the cold water method, or 10% maximum by the boiling method for products at 28 days.
 - 3. Air Content ASTM C173 or C 231, for wet cast product shall be 4-8% for units exposed to freeze-thaw environments. Air entrainment is not required for VDT products.
 - 4. Freeze-Thaw Resistance: Demonstrated by laboratory testing in accordance with ASTM C 1364. The CPWL shall be less than 5% after 300 cycles of freezing and thawing.
 - 5. Linear Shrinkage ASTM C 426: Shrinkage shall not exceed 0.065%.
 - 6. Surface Texture: Fine grained texture, with no bugholes, air voids, or other surface blemishes visible from distance of 20 feet.
 - 7. Color: Selected by Architect from manufacturer's full range.
- B. Shapes: Provide shapes indicated on drawings.
 - 1. Variation from Any Dimension, Including Bow, Camber, and Twist: Maximum of plus/minus 1/8 inch or length divided by 360, whichever is greater, but not more than 1/4 inch.
 - 2. Unless otherwise indicated on drawings, provide:
 - a. Wash or slope of 1:12 on exterior horizontal surfaces.
 - b. Drips on projecting components, wherever possible.
 - c. Raised fillets at back of sills and at ends to be built in.
- C. Reinforcement: Provide reinforcement as required to withstand handling and structural stresses; comply with ACI 318.
 - 1. Pieces More than 12 inches Wide: Provide full length two-way reinforcement of cross-sectional area not less than 0.25 percent of unit cross-sectional area.
- D. Reinforcement shall be noncorrosive where faces exposed to weather are covered with less than 1.5 in. of concrete material. All reinforcement shall have minimum coverage of twice the diameter of the bars.
- E. Panels, soffits and similar stones greater than 24 in. (600 mm) in one direction shall be reinforced in that direction. Units less than 24 in. (600 mm) in both their length and width dimension shall be non-reinforced unless otherwise specified.
- F. Welded wire fabric reinforcing shall not be used in dry cast products.

2.03 MATERIALS

- A. Portland Cement: ASTM C150/C150M.
 - 1. For Units: Type I or II, white or grey.
 - 2. For Mortar: Type I or II, except Type III may be used in cold weather.
- B. Coarse Aggregate: ASTM C33/C33M, except for gradation; granite, quartz, or limestone.
- C. Fine Aggregate: ASTM C33/C33M, except for gradation; natural or manufactured sands.
- D. Pigments: ASTM C979, inorganic iron oxides; do not use carbon black.
- E. Admixtures:
 - 1. ASTM C 260 for air entraining admixtures.
 - ASTM C 494/C 494M Types A-G for water reducing, retarding, accelerating and high range admixtures.
 - Other admixtures: integral water repellents and other chemicals, for which no ASTM Standard
 exists, shall be previously established as suitable for use in concrete by proven field performance
 or through laboratory testing.

- 4. ASTM C 618 mineral admixtures of dark and variable colors shall not be used in surfaces intended to be exposed to view.
- 5. ASTM C 989 granulated blast furnace slag may be used to improve physical properties. Tests are required to verify these features.
- F. Water: Potable.
- G. Reinforcing:
 - 1. ASTM A 615/A 615M. Grade 40 or 60 steel galvanized or epoxy coated when cover is less than 1.5 in.
 - 2. Welded Wire Fabric: ASTM A 185/A where applicable for wet cast units.
 - 3. All anchors, dowels and other anchoring devices and shims shall be standard building stone anchors commercially available in a non-corrosive material such as zinc plated, galvanized steel, brass, or stainless steel Type 302 or 304.
- H. Reinforcing Bars: ASTM A615/A615M deformed bars, galvanized.
 - Galvanized in accordance with ASTM A767/A767M, Class I.
- Steel Welded Wire Reinforcement: ASTM A1064/A1064M, galvanized or ASTM A884/A884M, epoxy coated.
- J. Embedded Anchors, Dowels, and Inserts: Type 304 stainless steel, of type and size as required for conditions.
- K. Shelf Angles and Similar Structural Items: Hot-dip galvanized steel per ASTM A123/A123M, of shapes and sizes as required for conditions.
- L. Prefab corners as recommended by supplier.
- M. Mortar: Portland cement-lime; do not use masonry cement.
- N. Sealant: As specified in Section 07 92 00.
- O. Flashings: Type as specified in Section 04 20 00.
- P. Cleaner: Approved for intended use by cast stone manufacturer and by cleaner manufacturer for use on cast stone and adjacent masonry materials.

2.04 COLOR AND FINISH

- A. Match approved sample.
- B. All surfaces intended to be exposed to view shall have a fine-grained texture similar to natural stone, with no air voids in excess of 1/32 in. (0.8 mm) and the density of such voids shall be less than 3 occurrences per any 1 in.2 (25 mm2) and not obvious under direct daylight illumination at a 5 ft (1.5m) distance.
- C. All exposed edges to be hand tooled to ensure a consistent quality edge.
- D. Units shall exhibit a texture equal to the approved sample when viewed under direct daylight illumination at a 10 ft (3 m) distance.
 - ASTM D 2244 permissible variation in color between units of comparable age subjected to similar weathering exposure.
 - a. Total color difference not greater than 6 units.
 - b. Total hue difference not greater than 2 units.
- E. All Cast Stone shall be hand sanded and acid washed with a 10% muriatic acid solution.
- F. The occurrence of crazing or efflorescence shall not constitute a cause for rejection.

2.05 SOURCE QUALITY CONTROL

- A. Production Testing:
 - 1. Test compressive strength and absorption of specimens selected at random from plant production.
 - 2. Test in accordance with ASTM C642 ASTM C 1194 and C 1195.
 - 3. Samples shall be taken and tested from every 500 cubic feet of product produced.
 - 4. New and existing mix designs shall be tested for strength, absorption and freeze thaw compliance prior to producing units.

- B. Job Site Testing: One (1) sample from production units shall be selected at random from the field for each 500 cubic feet delivered to the job site.
 - 1. Three (3) field cut cube specimens from each of these samples shall have an average minimum compressive strength of not less than 85% with no single specimen testing less than 75% of design strength as allowed by ACI 318.
 - 2. Three (3) field cut cube specimens from each of these samples shall have an average maximum cold-water absorption of 6%.
 - 3. Field specimens shall be tested in accordance with ASTM C 1194 and C 1195.
 - 4. Submit reports of tests by independent testing agency, showing compliance with requirements.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Examine construction to receive cast stone components. Notify Architect if construction is not acceptable.
 - B. Do not begin installation until unacceptable conditions have been corrected.

3.02 INSTALLATION

- A. Install cast stone components in conjunction with masonry, complying with requirements of Section 04 20 00.
- B. Mechanically anchor cast stone units indicated; set remainder in mortar.
- C. Setting:
 - 1. Drench cast stone components with clear, running water immediately before installation.
 - 2. Set units in a full bed of mortar unless otherwise indicated.
 - 3. Fill vertical joints with mortar.
 - 4. Fill dowel holes and anchor slots completely with mortar or non-shrink grout.
- D. Joints: Make all joints 3/8 inch, except as otherwise detailed.
 - 1. Rake mortar joints 3/4 inch for pointing.
 - 2. Remove excess mortar from face of stone before pointing joints.
 - 3. Point joints with mortar in layers 3/8 inch thick and tool to a slight concave profile.
 - 4. Leave the following joints open for sealant:
 - a. Head joints in top courses, including copings, parapets, cornices, sills, and steps.
 - b. Joints in projecting units.
 - c. Joints between rigidly anchored units, including soffits, panels, and column covers.
 - d. Joints below lugged sills and stair treads.
 - e. Joints below ledge and relieving angles.
 - f. Joints labeled "expansion joint".
- E. Sealant Joints: Install sealants as specified in Section 07 92 00.
- F. Installation Tolerances:
 - 1. Variation from Plumb: Not more than 1/8 inch in 10 feet or 1/4 inch in 20 feet or more.
 - 2. Variation from Level: Not more than 1/8 inch in 10 feet or 1/4 inch in 20 feet, or 3/8 inch maximum.
 - 3. Variation in Joint Width: Not more than 1/8 inch in 36 inches or 1/4 of nominal joint width, whichever is less.
 - 4. Variation in Plane Between Adjacent Surfaces (Lipping): Not more than 1/16 inch difference between planes of adjacent units or adjacent surfaces indicated to be flush with units.
- G. Repairs: Repair chips and other surface damage noticeable when viewed in direct daylight at 20 feet.
 - 1. Repair with matching touchup material provided by the manufacturer and in accordance with manufacturer's instructions.
 - 2. Repair methods and results subject to Architect 's approval.

3.03 TOLERANCES

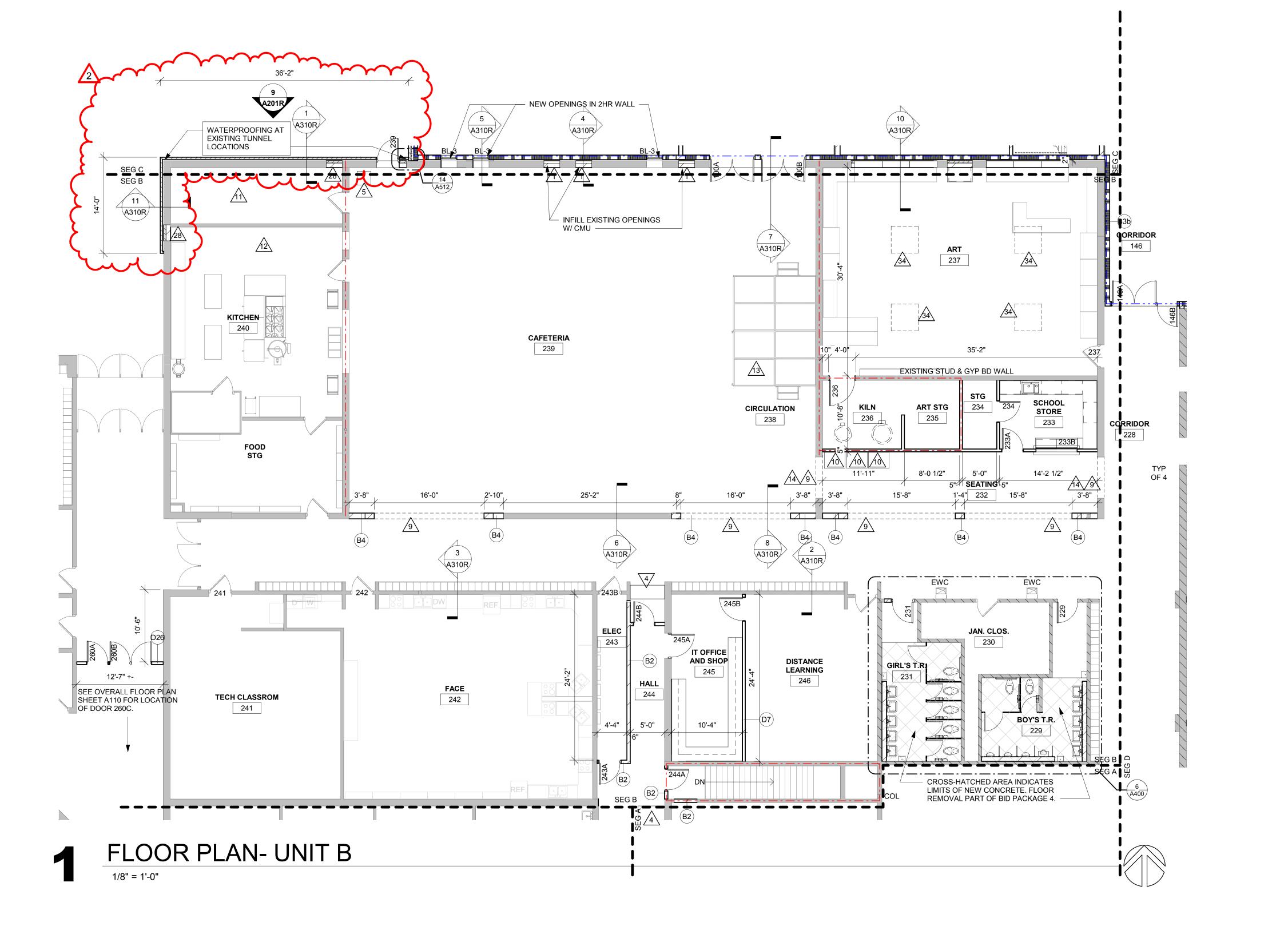
- A. Cross section dimensions shall not deviate by more than ±1/8 in. from approved dimensions.
- B. Length of units shall not deviate by more than length/ 360 or $\pm 1/8$ in., whichever is greater, not to exceed $\pm 1/4$ in. (6 mm).
 - 1. Maximum length of any unit shall not exceed 12 times the average thickness of such unit unless otherwise agreed by the manufacturer

- C. Warp, bow or twist of units shall not exceed length/ 360 or ±1/8 in. (3 mm), whichever is greater.
- D. Location of dowel holes, anchor slots, flashing grooves, false joints and similar features; on formed sides of unit, 1/8 in. (3 mm), on unformed sides of unit, 3/8 in. (9 mm) maximum deviation.

3.04 CLEANING

- A. Clean completed exposed cast stone after mortar is thoroughly set and cured.
 - 1. Wet surfaces with water before applying cleaner.
 - 2. Apply cleaner to cast stone in accordance with manufacturer's instructions.
 - 3. Remove cleaner promptly by rinsing thoroughly with clear water.
 - 4. Do not use acidic cleaners.

END OF SECTION



GENERAL NOTES:

 $\mathsf{A} \mid \mathsf{SEE} \mathsf{ID} \mathsf{SHEETS} \mathsf{FOR} \mathsf{FLOOR} \mathsf{AND} \mathsf{WALL} \mathsf{FINISH} \mathsf{LAYOUTS}.$ LOOSE FURNISHINGS EXCEPT AS NOTED SHALL BE PROVIDED AND INSTALLED BY THE OWNER.

VERIFY EXACT SIZE AND LOCATION OF ALL MECHANICAL / PLUMB AND ELEC. OPENINGS - GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FINISH AT ALL VISIBLE AREAS. ALL OPENING SHALL BE SEALED AFTER

UTILITY INSTALLATION. D PAINT ALL EXPOSED STEEL LINTELS.

INSTALL BULLNOSE CMU AT ALL OUTSIDE CORNERS W/O TILE AND AT DOOR JAMBS AS DETAILED. NO BULLNOSE AT WINDOW JAMBS. F SEE STRUCTURAL FOR SLAB CONTROL JOINTS.

SEE A510 FOR WALL CONTROL JOINT DETAILS. SEE PLANS AND ELEVATIONS FOR CJ LOCATIONS. CJ = CONTROL JOINTS

REFER TO CODE PLANS FOR FIRE RATING LOCATIONS AND T ACCESSIBILITY ROUTES.

EXTEND ALL WALLS TO DECK UNLESS NOTED OTHERWISE. SEE A601

FOR TOP OF WALL DETAILS. UNLESS NOTED OTHERWISE RESTROOM FLOORS SHALL BE SLOPED A MIN. 1/16": 12" TO FLOOR DRAINS - TO "CENTER", IF NO FLOOR DRAINS.

SEE A512 FOR TYPICAL HEAD FLASHING AND THROUGH-WALL FLASHING ISOMETRIC DETAILS.

GEN. CONTRACTOR TO PROVIDE CONC. EQUIP. PADS/CURBS AS REQUIRED FOR MECH/ELECTRICAL EQUIP. - VERIFY SIZE/PROFILE/LOCATION WITH MECH/ELECTRICAL.

N PLAN DIMENSIONS ARE FROM FACE OF WALL TO FACE OF WALL. P ALL DOOR FRAMES TO BE 4" FROM CORNERS UNLESS NOTED OTHERWISE.

LEGEND:

SYMBOL INDICATES WALL TYPE - SEE SHEET A601 FOR WALL TYPE DETAILS.

SYMBOL INDICATES WINDOW TYPE. SEE SHEET A602 FOR WINDOW FRAME ELEVATIONS.

SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

1 HOUR WALL

2 HOUR WALL

COL EXISTING STEEL COLUMN

EWC ELECTRIC WATER COOLER FIRE EXTINGUISHER- BRACKET MOUNTED

FEC FIRE EXTINGUISHER CABINET

MARKER BOARD- 48" HIGH x LENGTH INDICATED ON PLAN

SLOTTED WALL BOARD- 24" HIGH x LENGTH INDICATED ON PLAN TACK BOARD- 48" HIGH x 48" WIDE

TS- n' TACK STRIPS- MOUNT (1) AT 44" AFF AND (1) AT 84" AFF x LENGTH INDICATED ON PLAN

KEY NOTES PLAN

INFILL EXISTING OPENING WITH CMU. MATCH ADJACENT FINISHES. NEW FOLDING PANEL PARTITION. INFILL EXISTING SLAB DEPRESSION.

FLOOR OPENING INFILL. SEE _ PERMANENTLY SECURE EXISTING TUNNEL ACCESS PANELS.

RELOCATED DOOR/ TRANSOM. LINE OF CANOPY ABOVE. NEW CHEM COUNTERTOP, INTEGRAL SINK, GAS VALVES AND

ELECTRICAL. LINE OF BULKHEAD ABOVE.

VENDING MACHINES (N.I.C.)

NEW COOLER- SEE FOOD SERVICE SHEETS NEW DISHWASHER- SEE FOOD SERVICE SHEETS.

MOBILE STAGE (N.I.C.) INFILL FLOOR AS REQUIRED AFTER REMOVAL OF CMU WALL. PREPARE FOR NEW FLOORING.

ELECTRICAL OUTLETS. SEE CASEWORK DRAWINGS, PLUMBING AND

12"W x 15"D LOCKERS ON 4" CONCRETE SLAB. 12"W x 15"D CUBBIES ON 4" CONCRETE SLAB.

PROVIDE 3/4" PLYWOOD PANEL- COORDINATE SIZE AND MOUNTING HT STEEL COLUMN- SEE STRUCTUAL.

MOP SINK- SEE PLUMBING. ROOF DRAIN LEADER- SEE PLUMBING AND DETAILS A512.

SOLID SURFACE SILL. REMOVABLE RAILING.

DIMENSION INDICATES PRECAST PANEL OVERHANG AT FOUNDATION BELOW. SEE DETAIL 11/A200. CONCRETE STOOP- SEE STRUCTRAL.

4 3/4" FLOOR INFILL TO MATCH HEIGHT OF GYM FLOOR. SEE DETAIL

STUD AND GYP BD COLUMN ENCLOSURE. SEE 7/A514. CHAIR LIFT

INFILL OPENING TO MATCH EXISTING EXTERIOR WALL. RAMP- 15% SLOPE

RAMP- 8.3% SLOPE PERFORATED WINDOW BLINDS.

INSTALL SOUNDPROOFING FLOOR MAT AND 4 x 8 x 3/4" PLYWOOD ON EXISTING STAGE. PAINT BLACK. SHADED LINES INDICATE LOCATION OF IN-FLOOR HEATING. SEE9/A514.

LINE OF SKYLIGHT ABOVE. EXISTING SLOPED SILL TO REMAIN (NON ADA).

CABINET HEATER- SEE MECH SHEETS.

CANOPY COLUMN- SEE _

EXISTING DATA CABINET.

ROOM DARKENING SHADES. PLAM SHELVES IN EXISTING WINDOW AND DOOR OPENINGS.

LINE OF AWNING ABOVE- SEE ___ PAD ALL WALLS- FLOOR TO 6'-0" AFF. 6" STUDS CHASE AT VENT PIPE LOCATIONS- COODINATE WITH

NEW CURTAINS AND STAGE RIGGING- SEE SPECS.

INTERIOR DESIGN

HSR ASSOCIATES INC. 100 MILWAUKEE STREET LA CROSSE, WISCONSIN PHONE: 608.784.1830 FAX: 608.782.5844 www.hsrassociates.com

Consultant:

DISTRI OL EM SCHO AND RE PRENTICE ADDITION

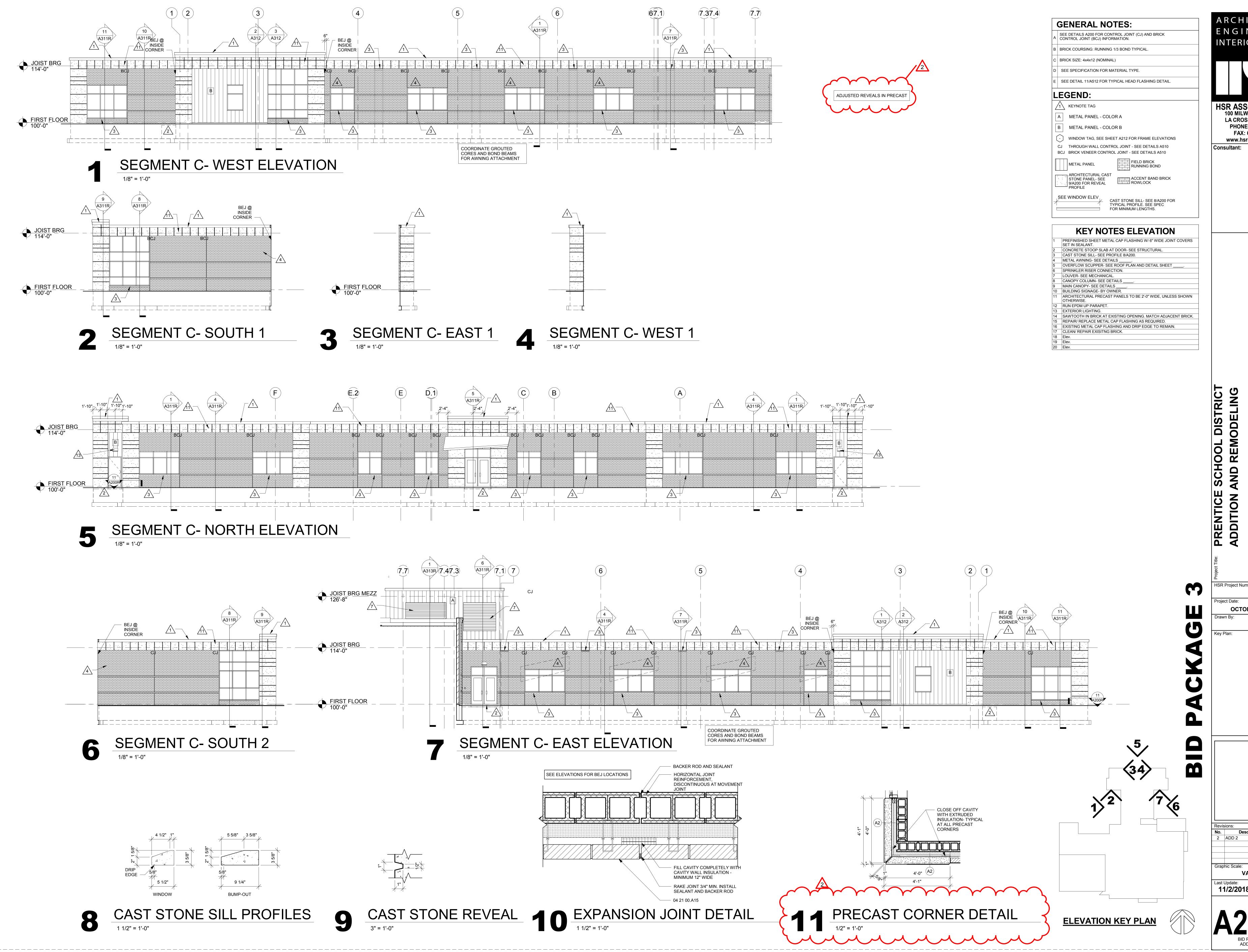
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HSR Project Number: 18022 Project Date: OCTOBER 19, 2018 Drawn By: Key Plan:

> SEG A KEY PLAN

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ARCHITECTURE ENGINEERING INTERIOR DESIGN HSR ASSOCIATES INC. 100 MILWAUKEE STREET LA CROSSE, WISCONSIN

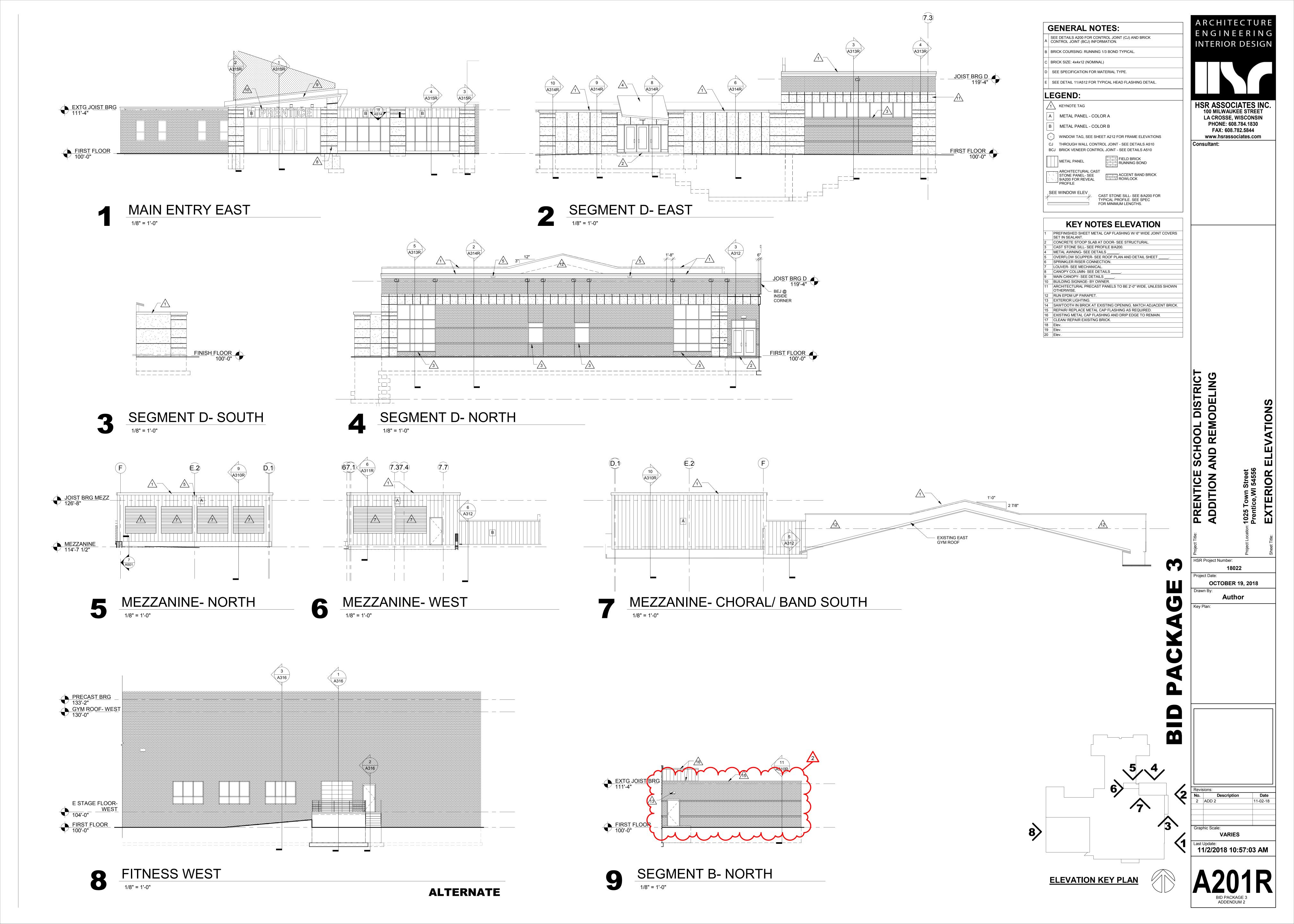
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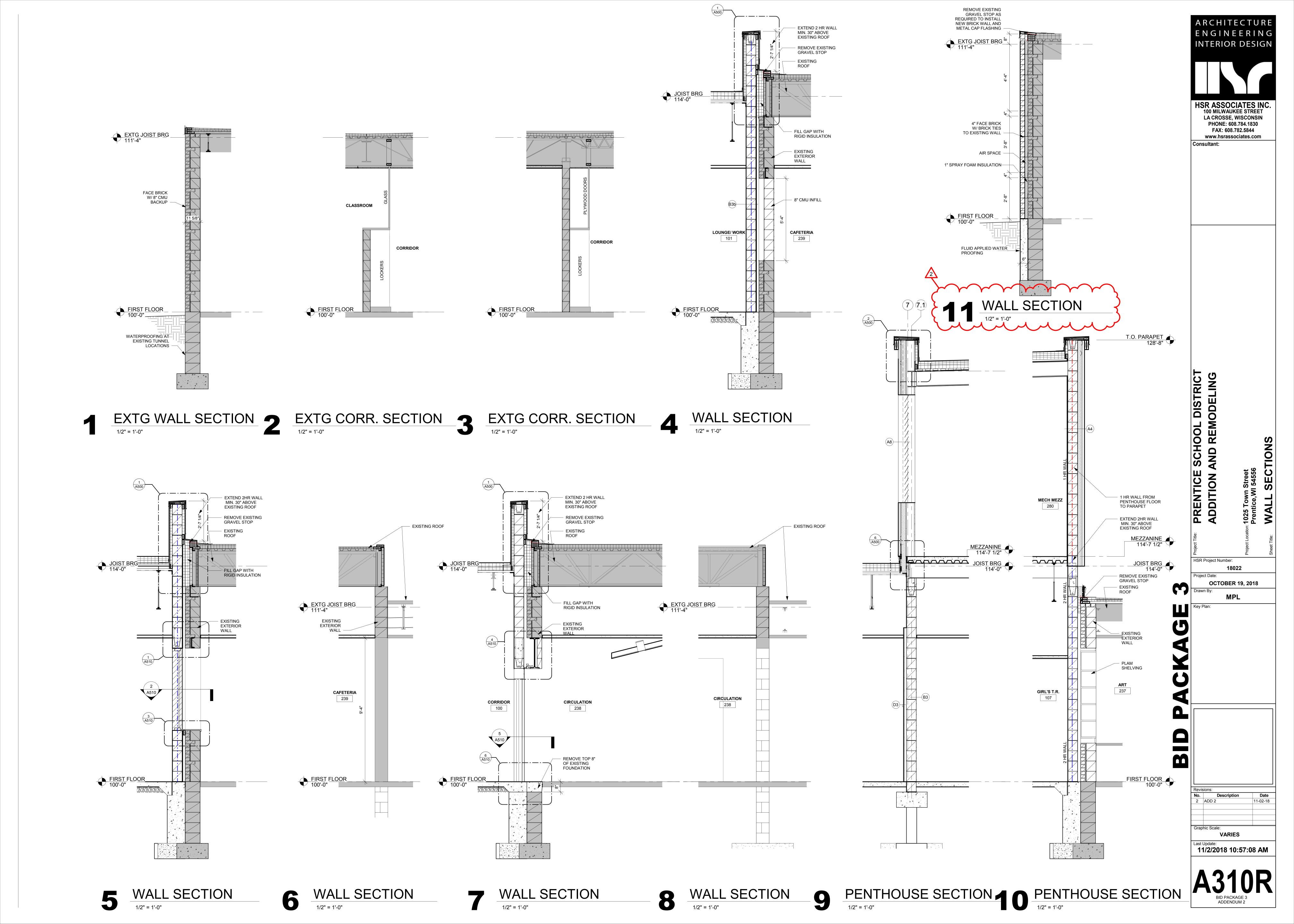
FAX: 608.782.5844 www.hsrassociates.com

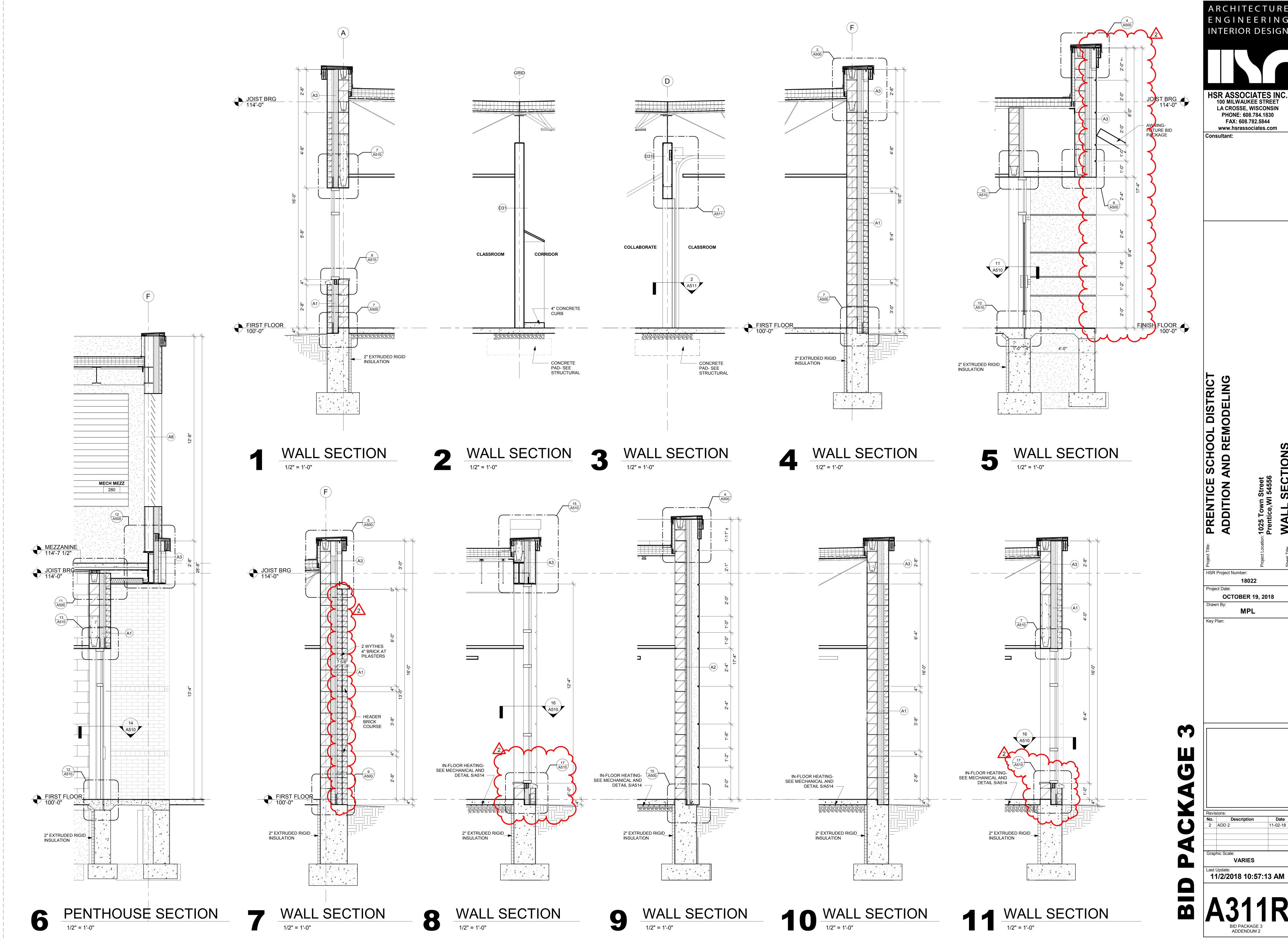
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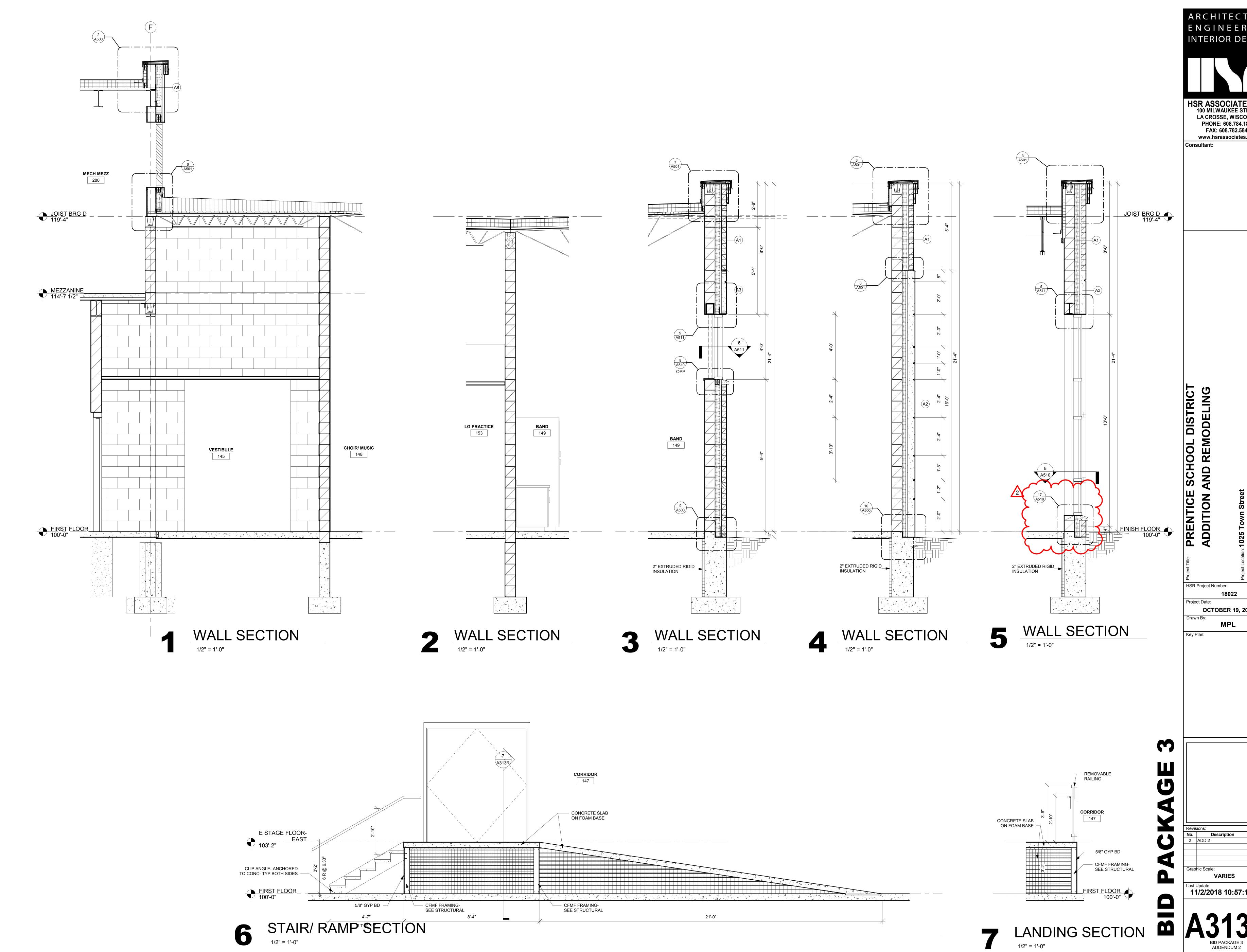






ARCHITECTURE ENGINEERING INTERIOR DESIGN HSR ASSOCIATES INC.

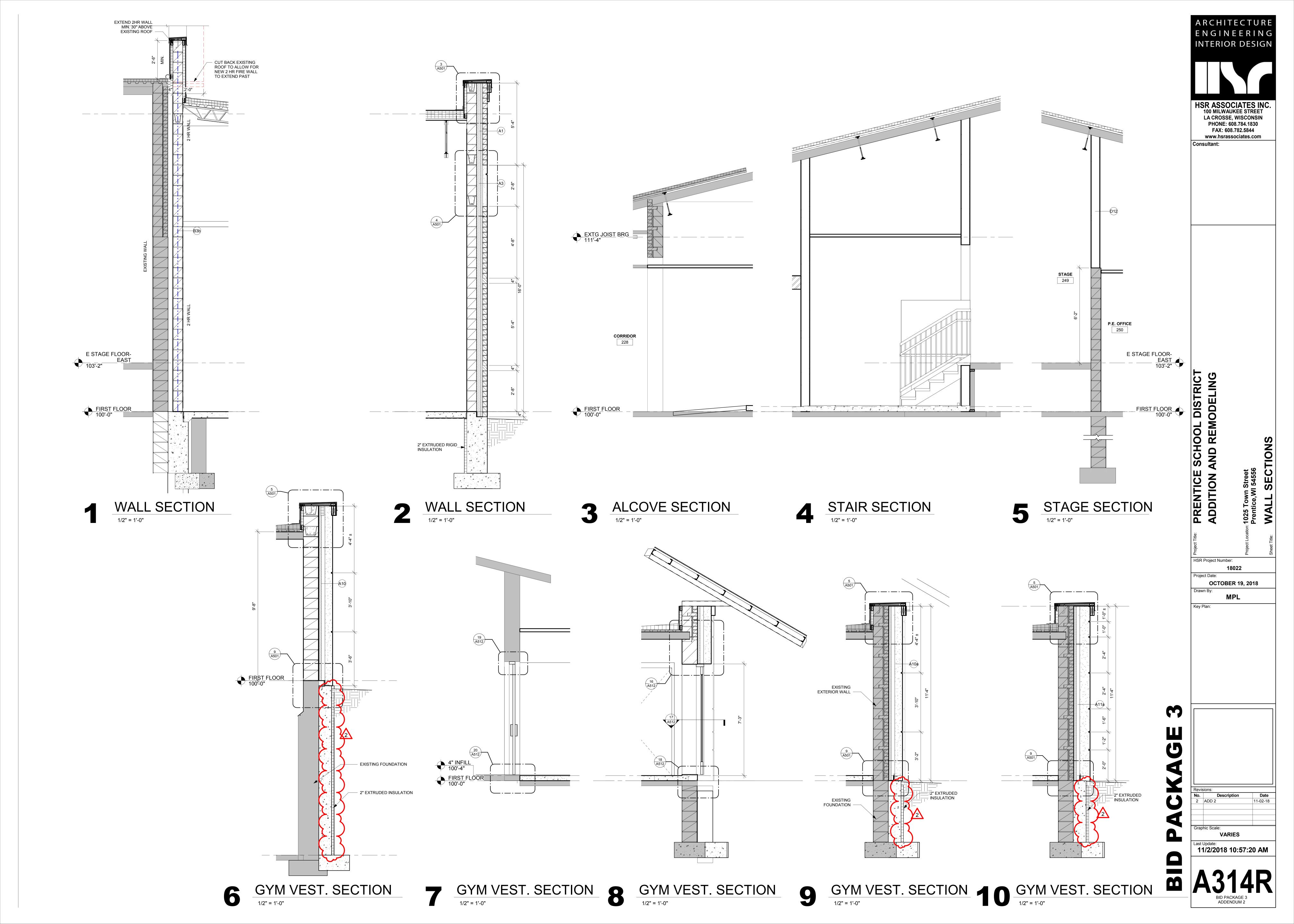
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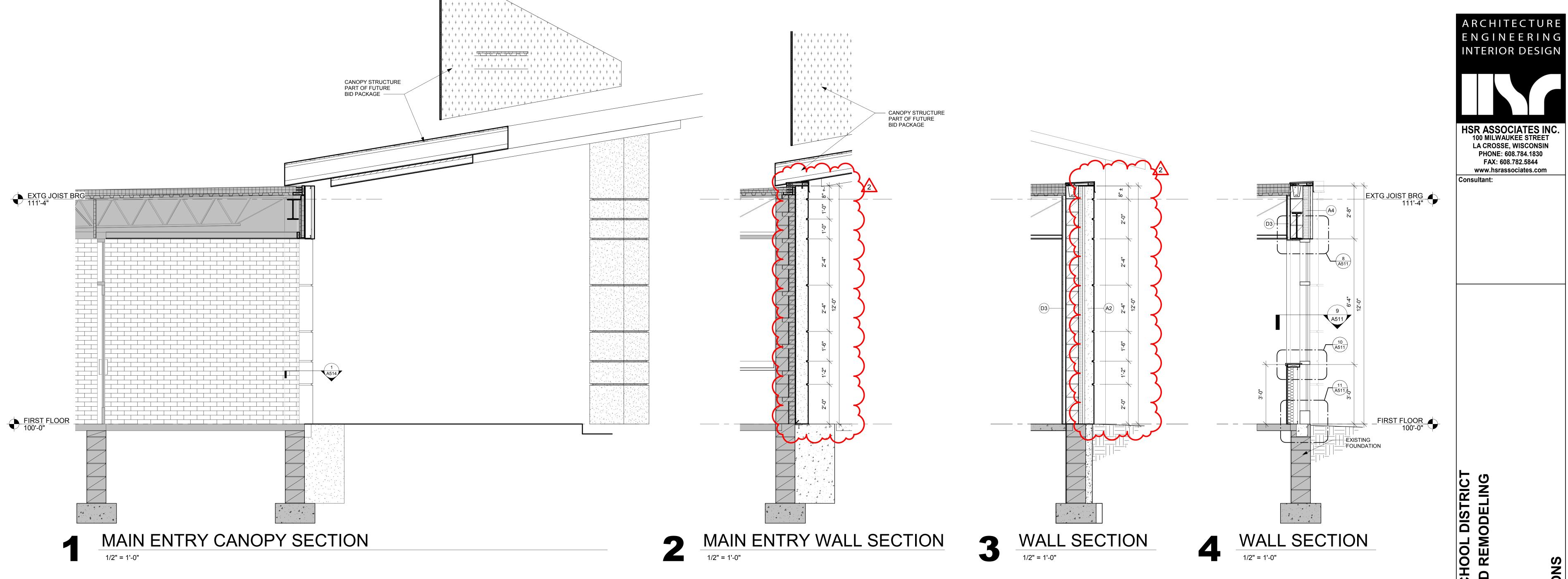


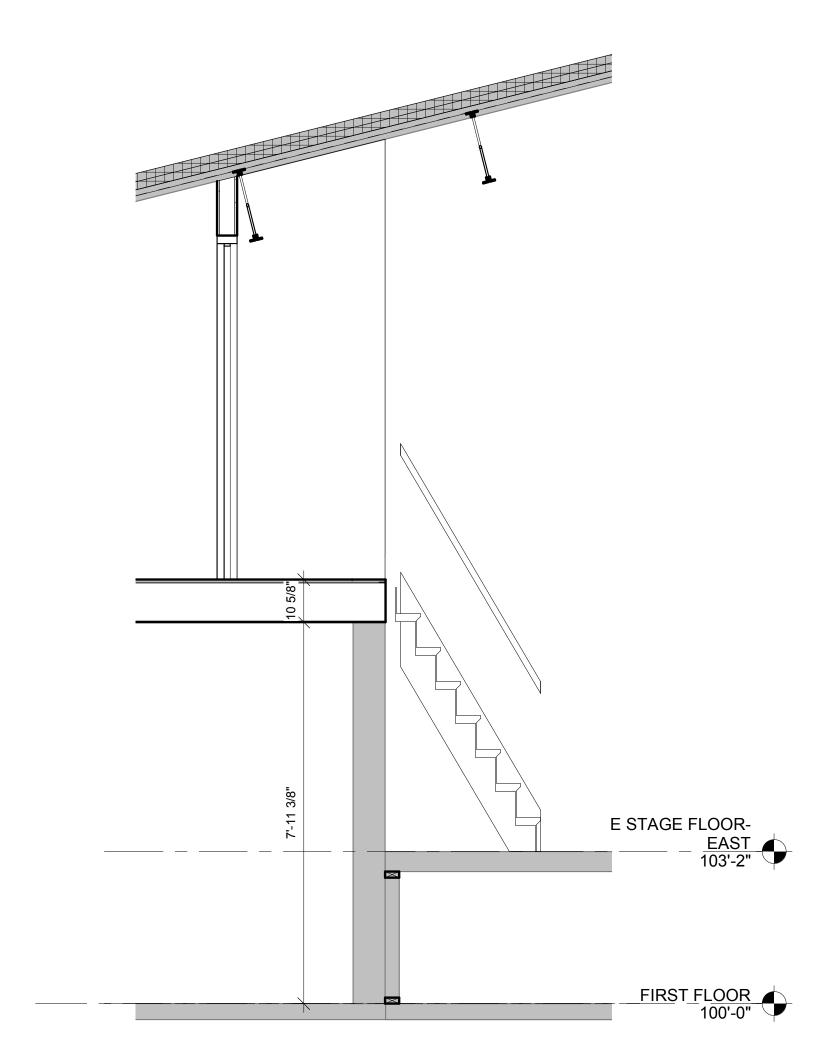
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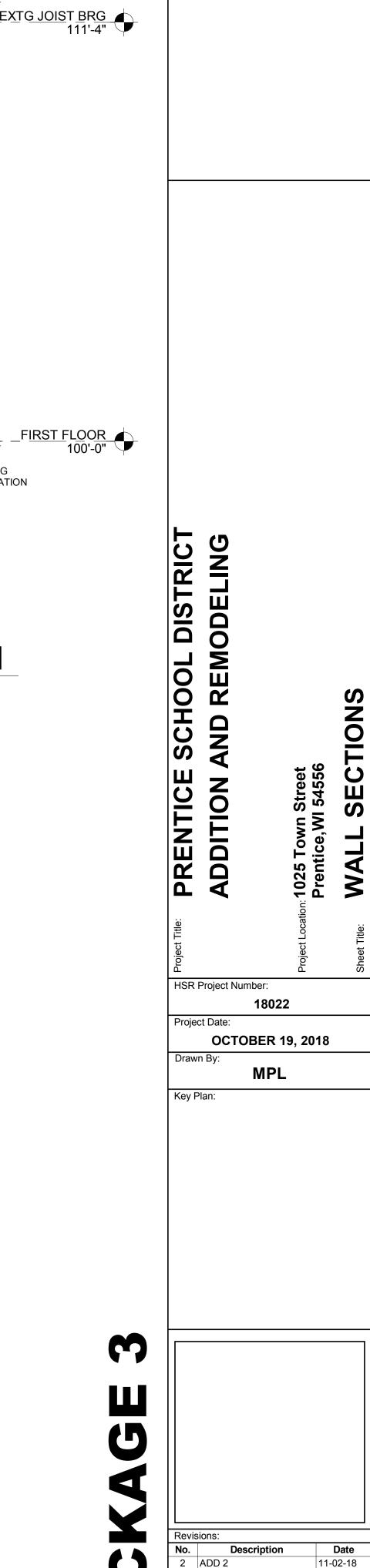
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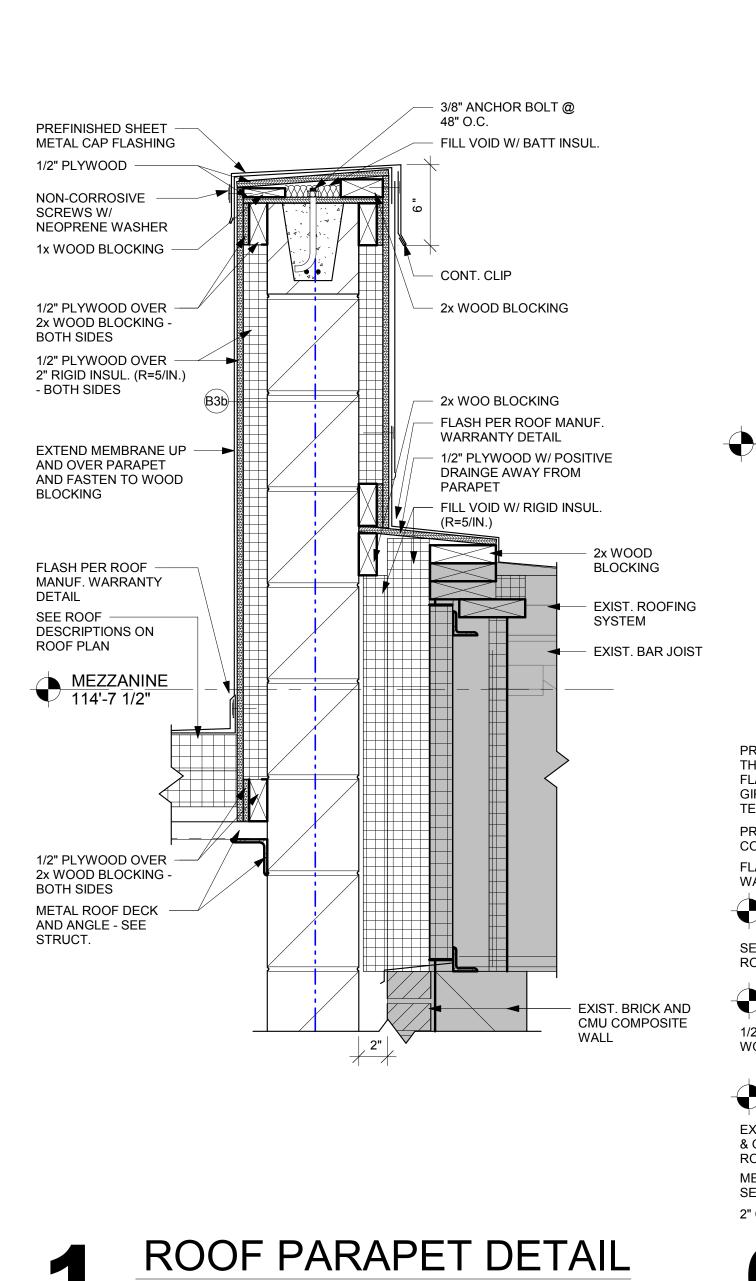


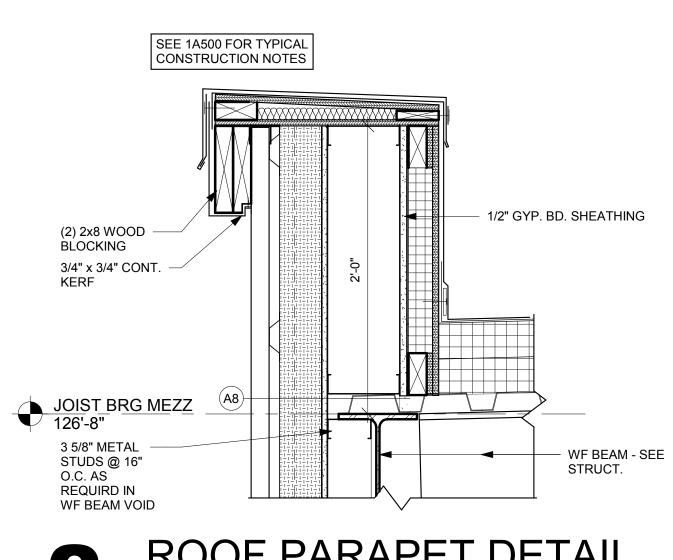


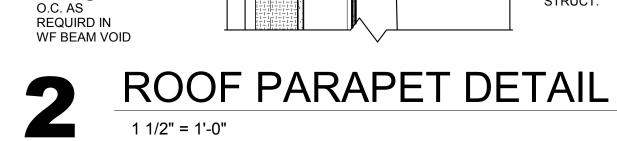
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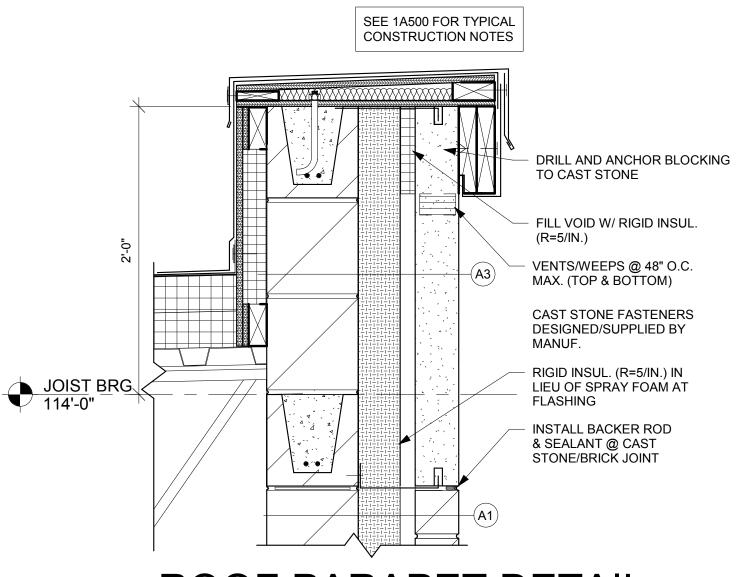
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A315-5

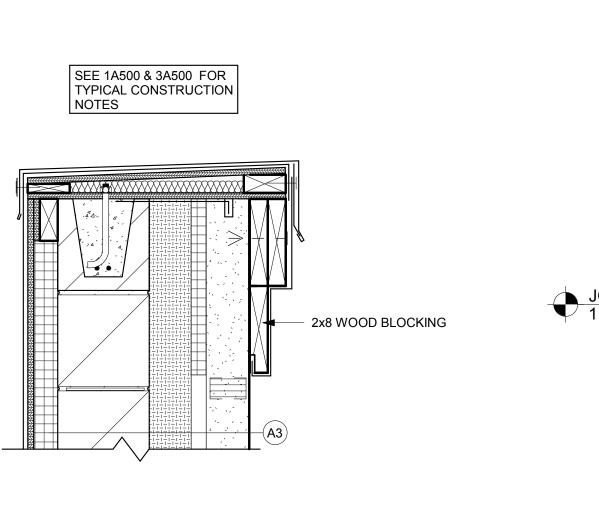








ROOF PARAPET DETAIL



RIGID INSUL. (R=5/IN.) IN

FLASHING

O.C. MAX.

LIEU OF SPRAY FOAM AT

CAST STONE FASTENERS

DESIGNED/SUPPLIED BY

S.S. FLASHING - EXTEND

BEYOND VENEER FACE

STEEL PLATE, ANGLE

AND CHANNEL - SEE

STRUCT. - PAINT

EXPOSED STEEL

VENTS/WEEPS @ 48"

ROOF PARAPET DETAIL

FLEXIBLE MEMBRANE

FLASHING - EXTEND OVER TOP OF S.S.

BOND BEAM - SEE

CEILING SUSPENSION

INTEGRALLY COLORED

5/8" GYP. SHEATHING

@ PERIMETER

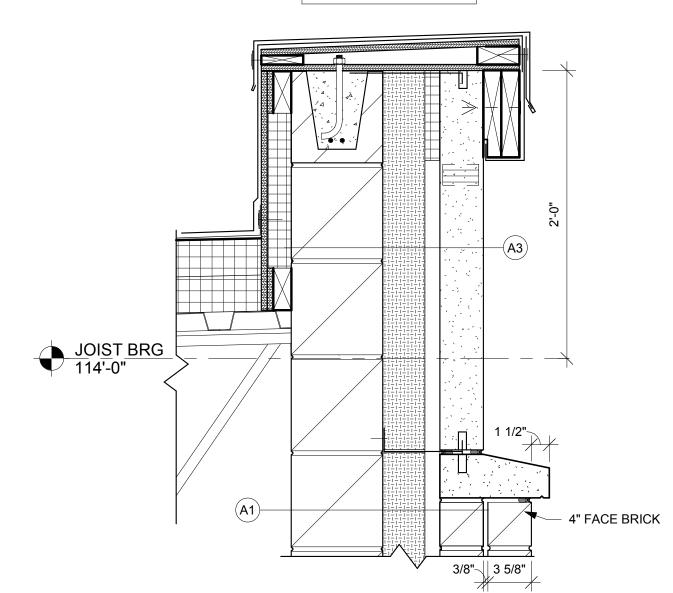
ACRYLIC COATING OVER

BACKER ROD & SEALANT -

FLASHING

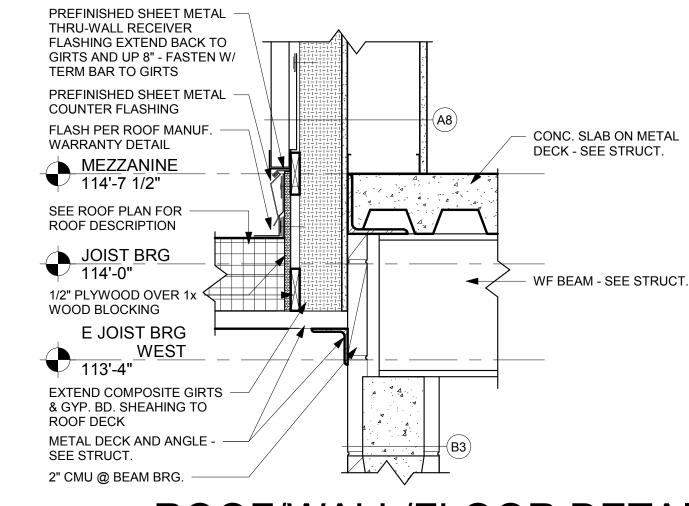
STRUCT.

SYSTEM

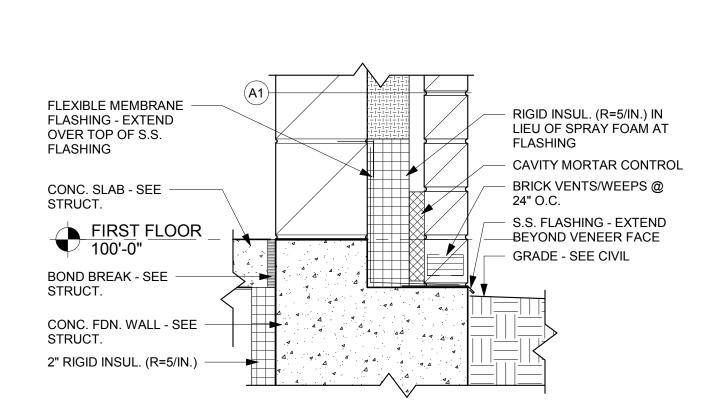


SEE 1A500 & 3A500 FOR TYPICAL CONSTRUCTION

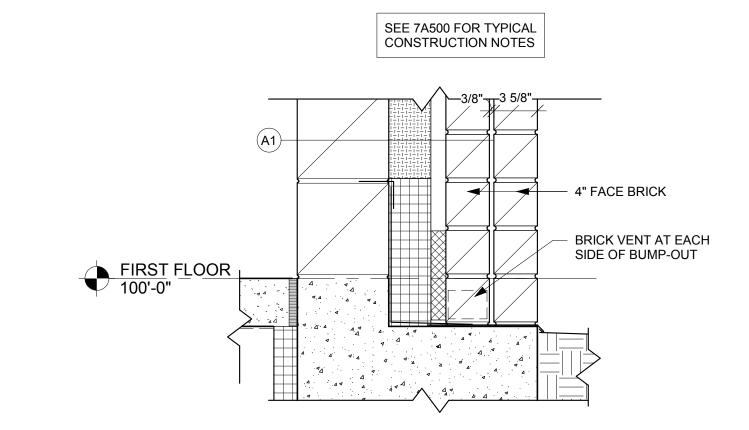
ROOF PARAPET DETAIL



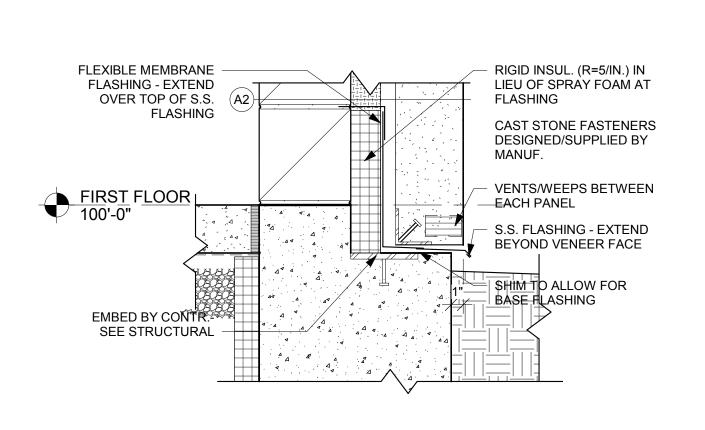
ROOF/WALL/FLOOR DETAIL

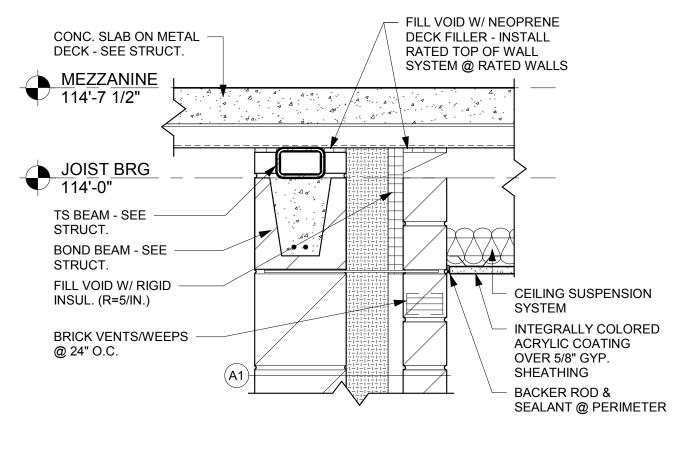


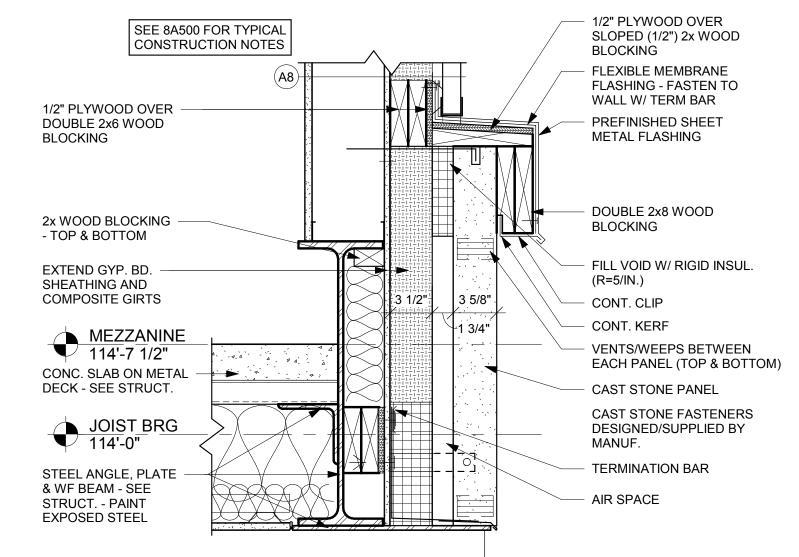
SOFFIT/WALL DETAIL



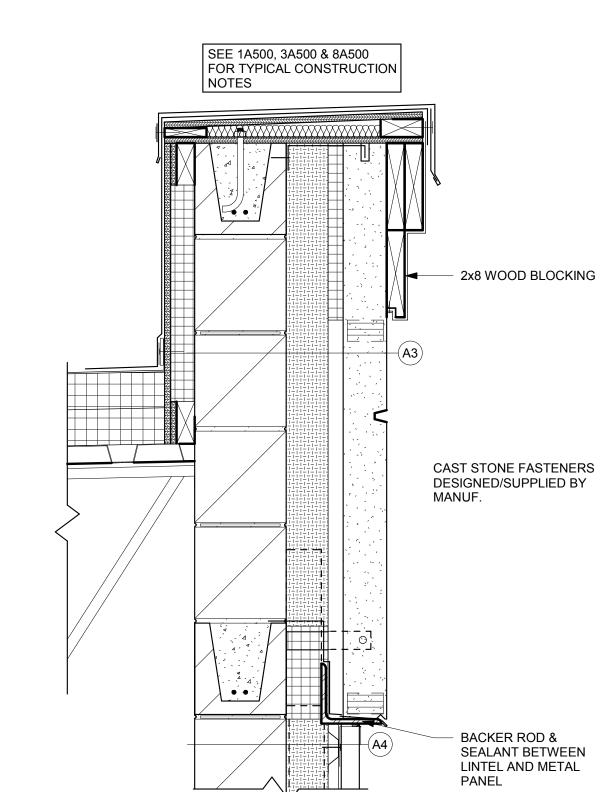
WALL BASE DETAIL





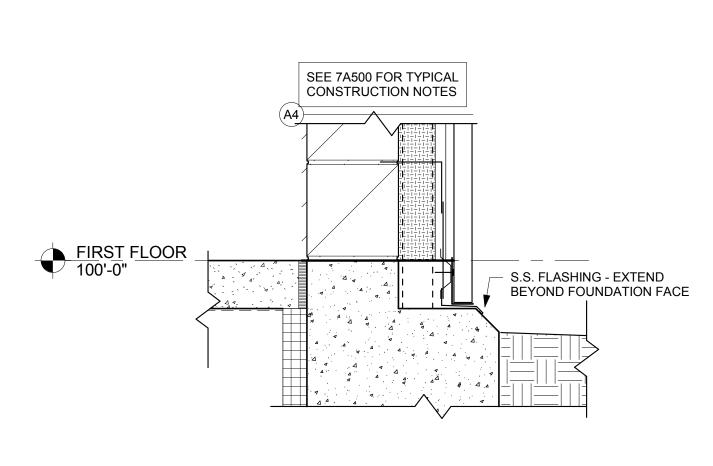


WALL BASE DETAIL



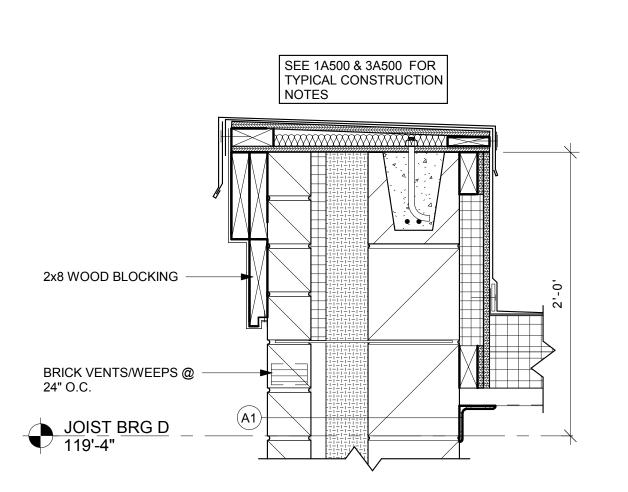
1 2 ROOF PARAPET DETAIL

1 1/2" = 1'-0"



1 4 WALL BASE DETAIL

1 1/2" = 1'-0"

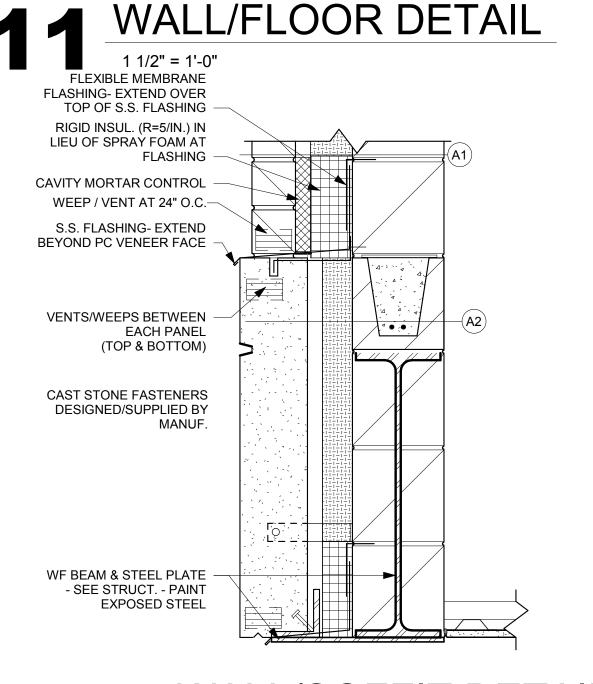


1 0 WALL BASE DETAIL

1 1/2" = 1'-0"

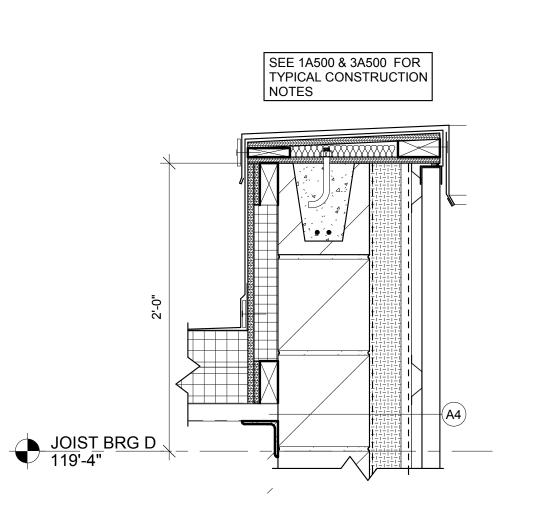
15 ROOF PAPAPET DETAIL

1 1/2" = 1'-0"



16 WALL/SOFFIT DETAIL

1 1/2" = 1'-0"

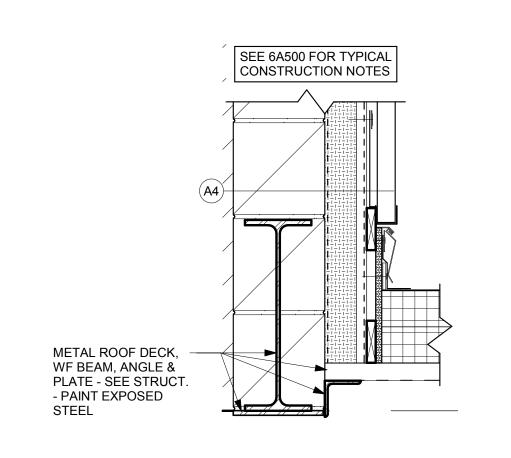


1 2 SOFFIT/WALL DETAIL

1 1/2" = 1'-0"

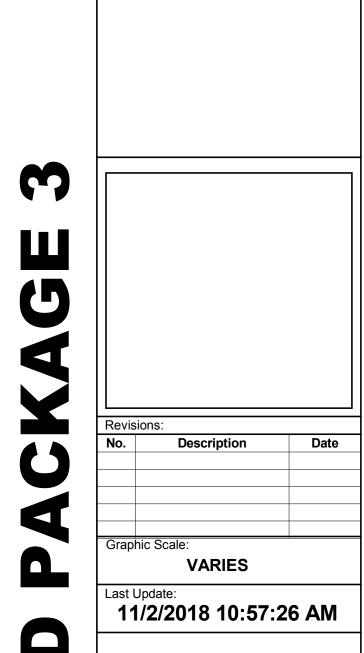
1 7 ROOF PARAPET DETAIL

1 1/2" = 1'-0"



18 WALL/ROOF DETAIL

1 1/2" = 1'-0"



ARCHITECTURE

ENGINEERING

INTERIOR DESIGN

HSR ASSOCIATES INC

100 MILWAUKEE STREET

LA CROSSE, WISCONSIN

PHONE: 608.784.1830

FAX: 608.782.5844

www.hsrassociates.com

Consultant:

DISTRI

SCHOOL AND REM

ADDITION

HSR Project Number:

Project Date:

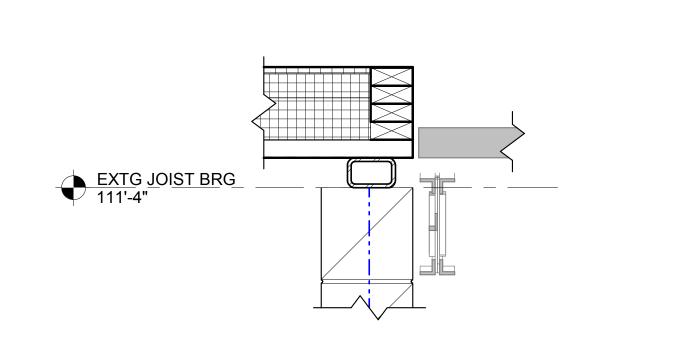
Drawn By:

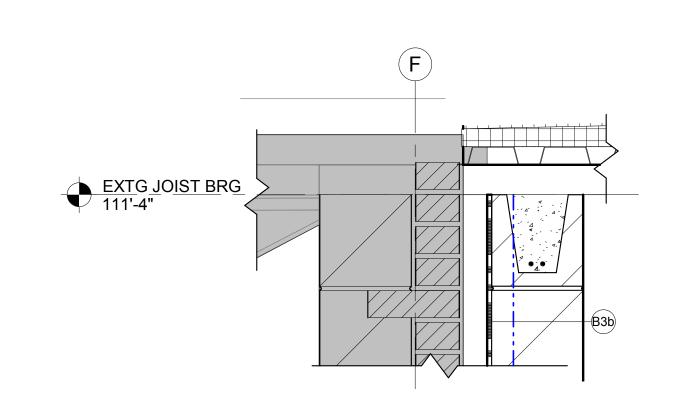
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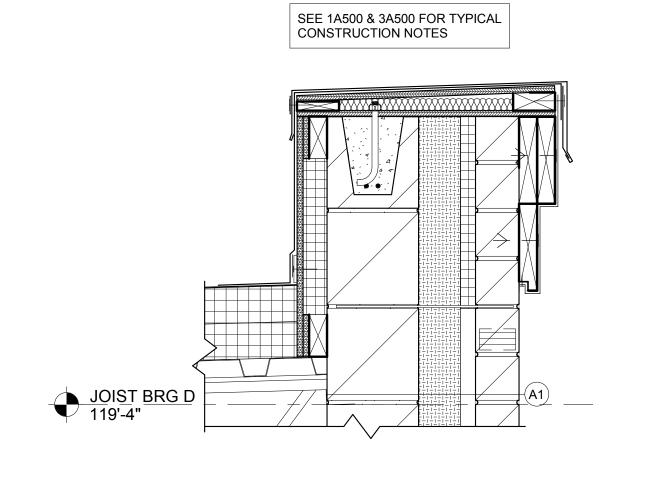
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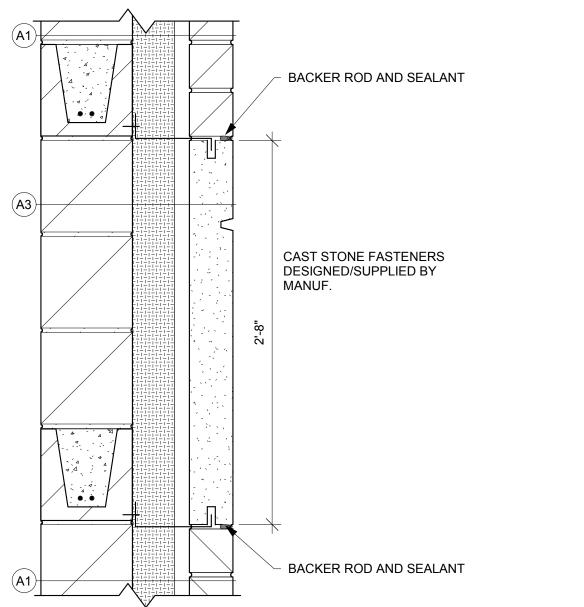
OCTOBER 19, 2018

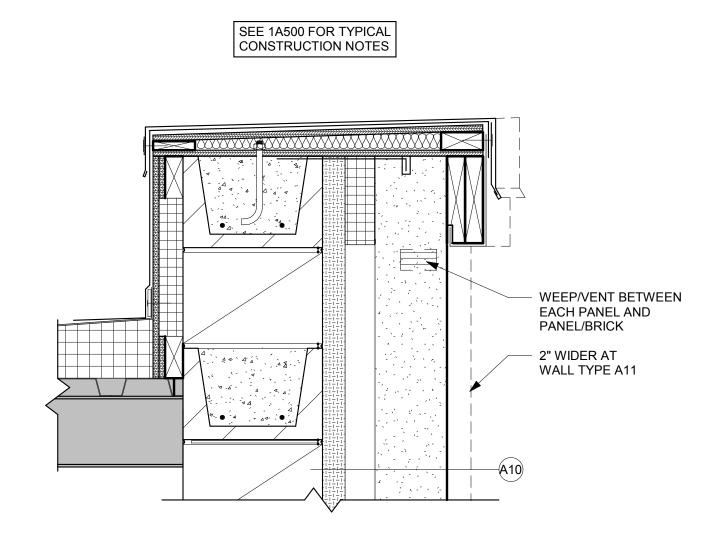
MPL/JTD











ARCHITECTURE

ENGINEERING

INTERIOR DESIGN

HSR ASSOCIATES INC.
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LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844

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Consultant:



2 ROOF DETAIL

1 1/2" = 1'-0"

ROOF PARAPET DETAIL

1 1/2" = 1'-0"

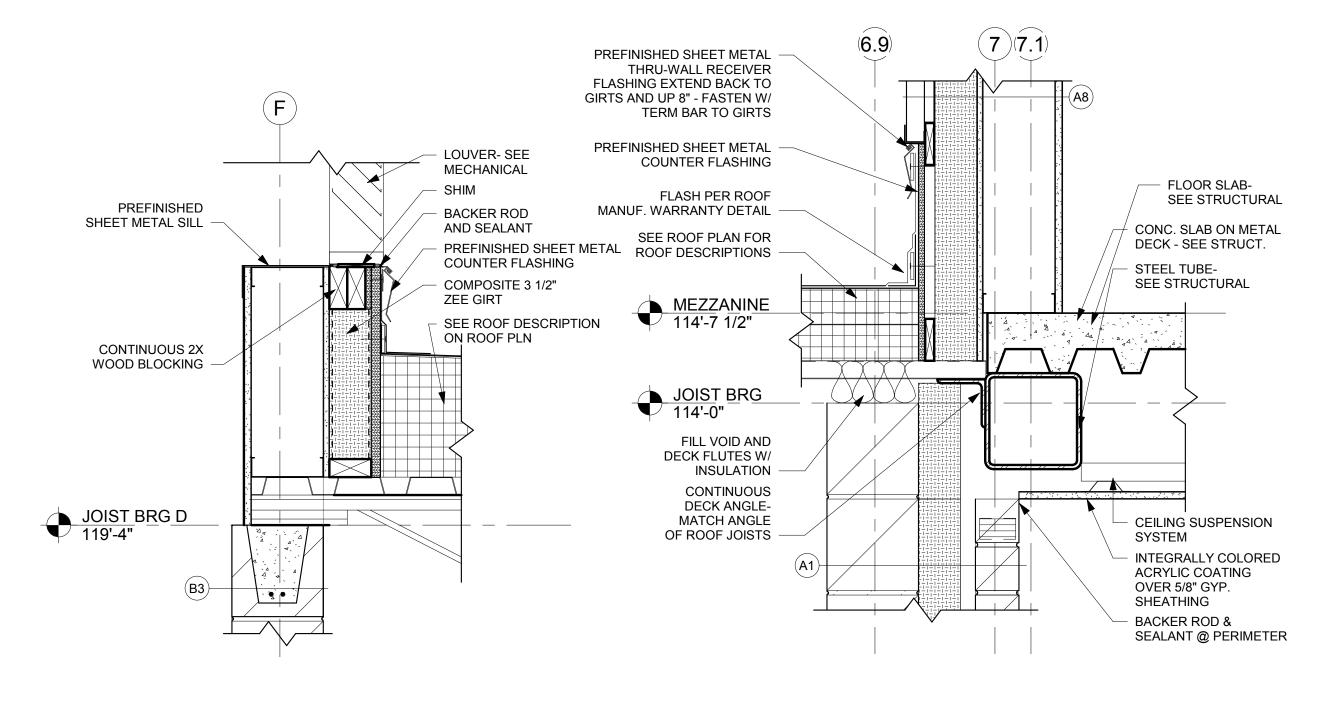
WALL DETAIL

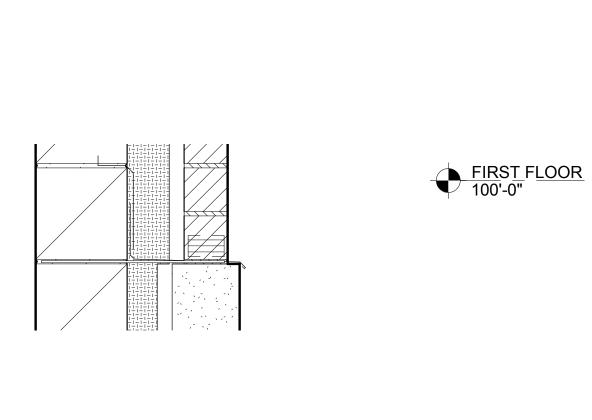
1 1/2" = 1'-0"

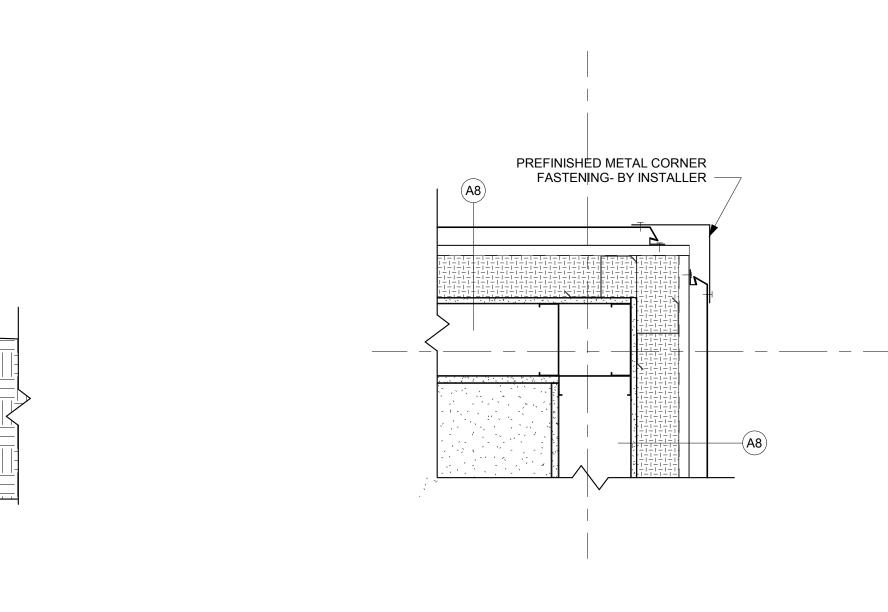
SEE 3A500 FOR TYPICAL CONSTRUCTION NOTES

5 ROOF PARAPET DETAIL

1 1/2" = 1'-0"







6 ROOF DETAIL

1 1/2" = 1'-0"

MEZZ. FLOOR-WALL DETAIL

1 1/2" = 1'-0"

8 WALL DETAIL

1 1/2" = 1'-0"

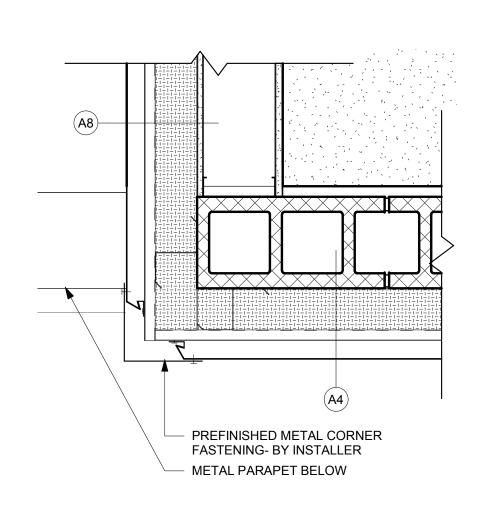
9 WALL BASE DETAIL

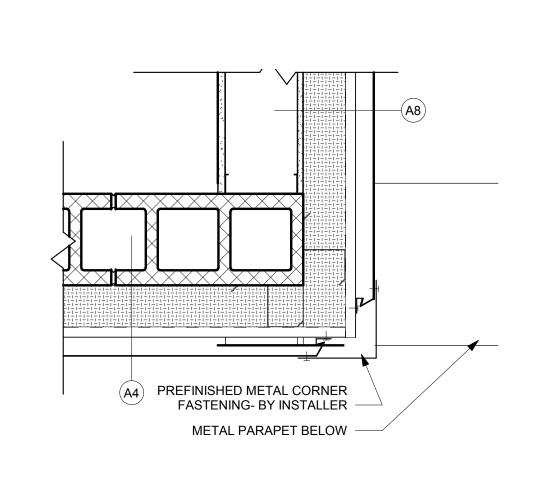
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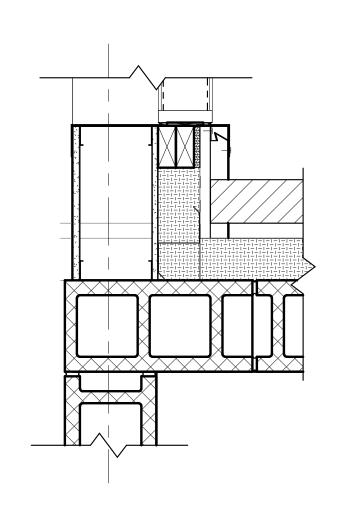
SEE 10A500 FOR TYPICAL CONSTRUCTION NOTES

10 MEZZAINE WALL DETAIL

1 1/2" = 1'-0"



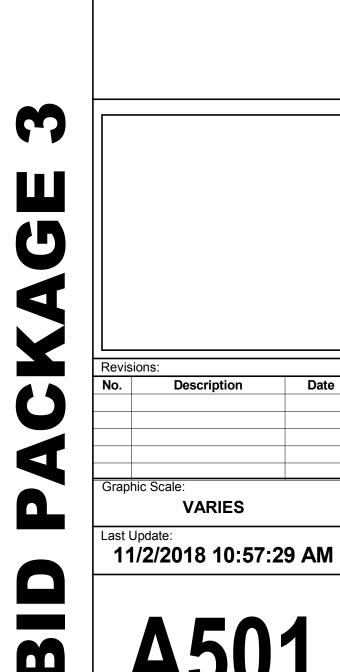




MEZZAINE WALL DETAIL

12 MEZZAINE WALL DETAIL

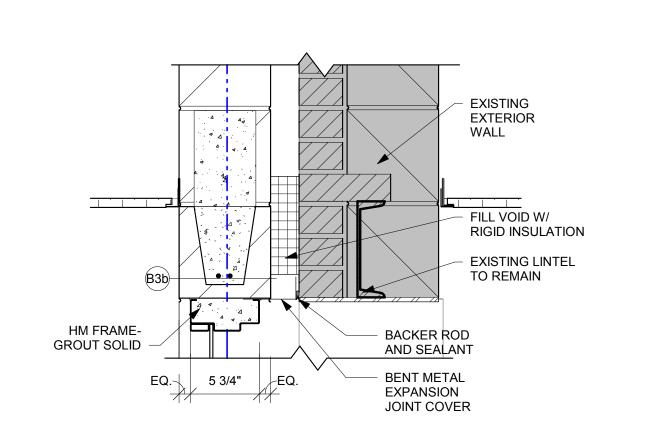
13 MEZZAINE WALL DETAIL

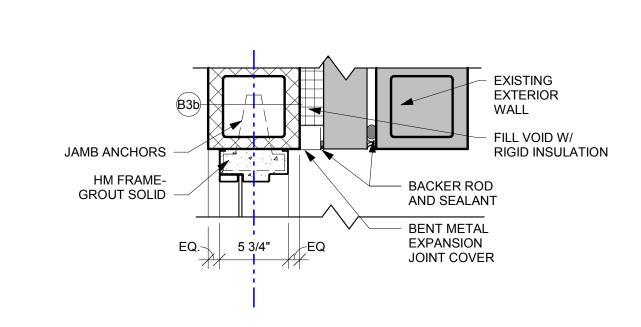


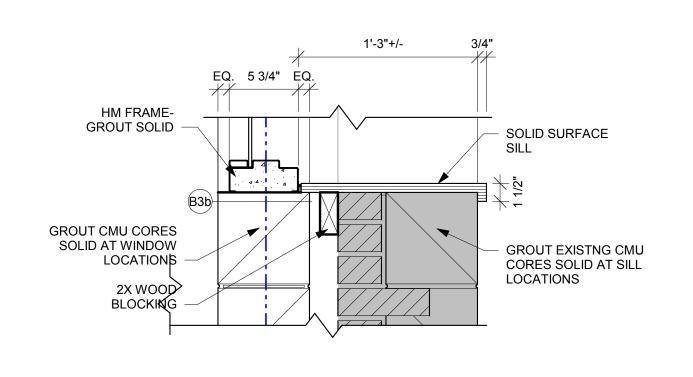
HSR Project Number:

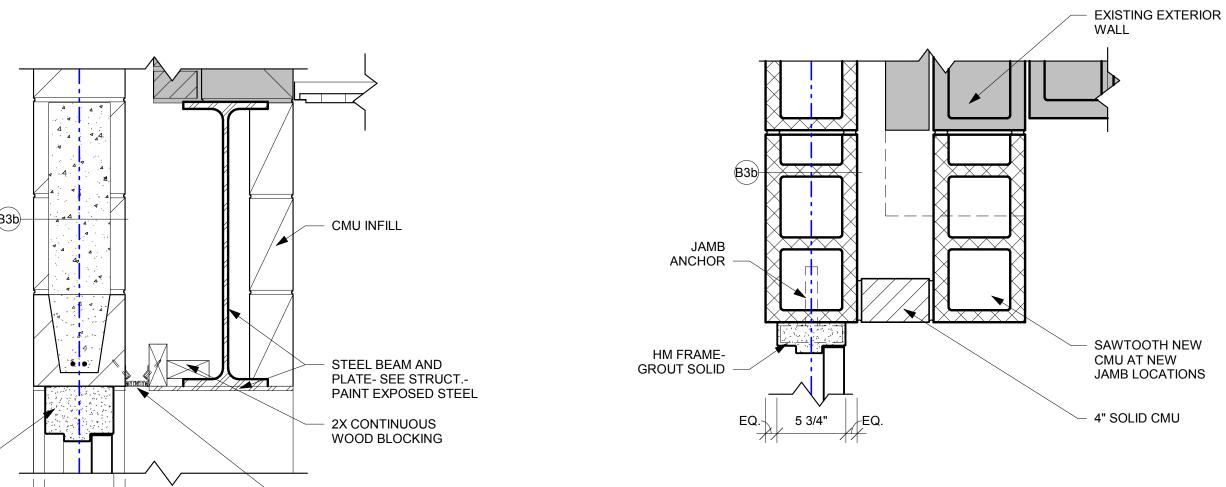
OCTOBER 19, 2018

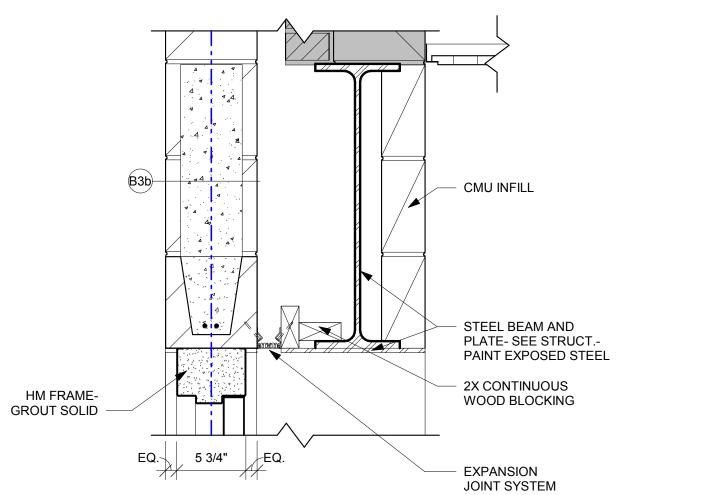
MPL/JTD

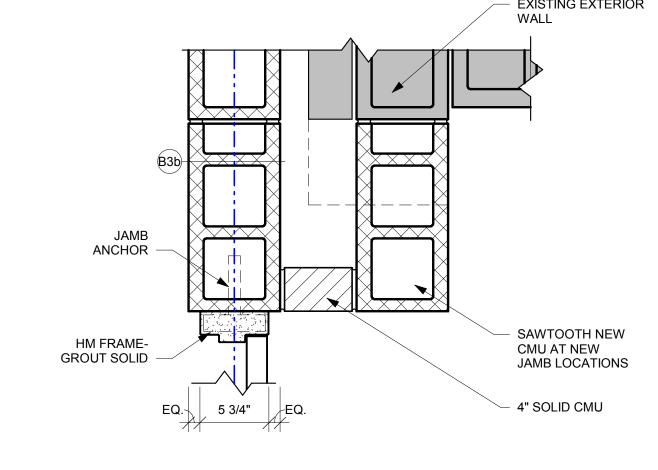












WDO. HEAD DETAIL

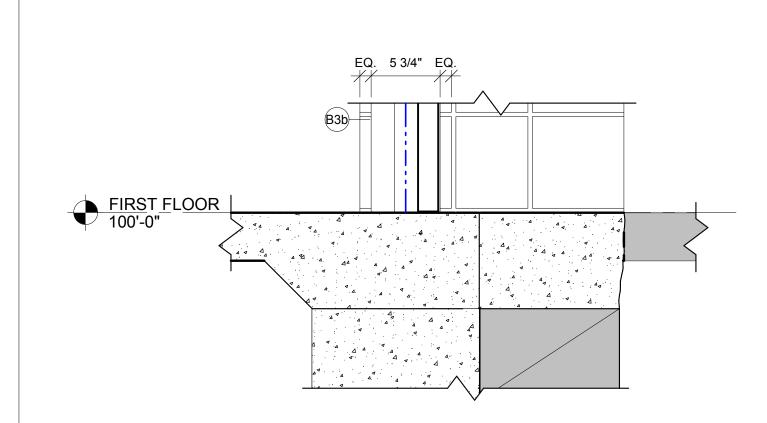


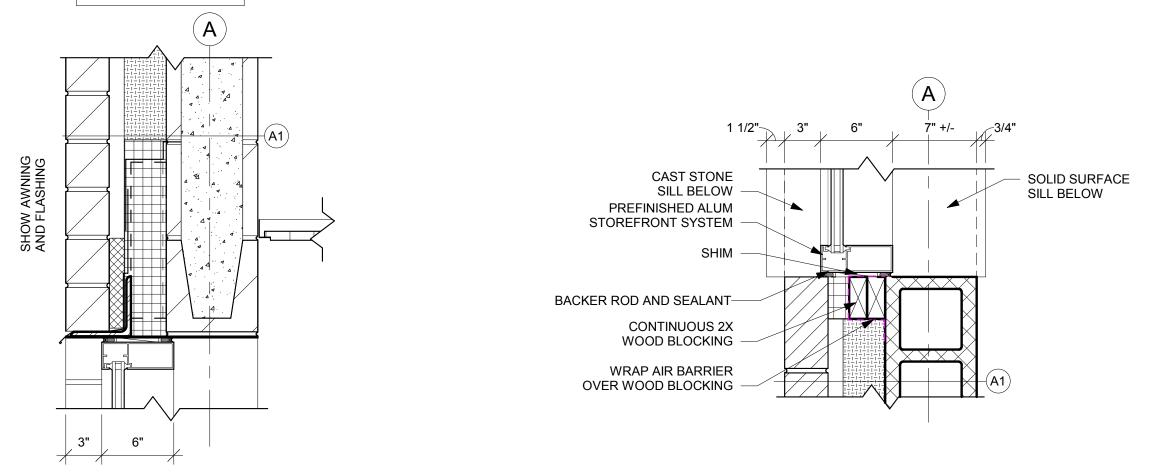
SEE 8A500 FOR TYPICAL CONSTRUCTION NOTES

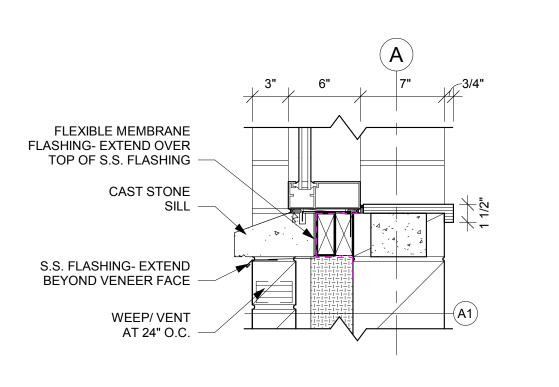
WDO. SILL DETAIL

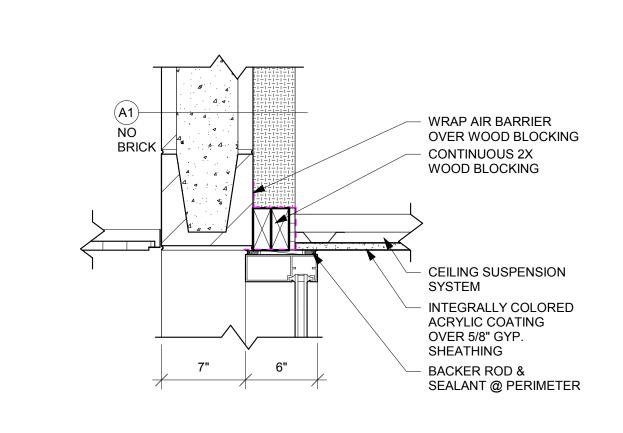
DOOR HEAD DETAIL

DOOR JAMB DETAIL









DOOR SILL DETAIL



BACKER ROD AND SEALANT

FLEXIBLE FLASHING- EXTEND OVER TOP OF S.S. FLASHING

CAVITY MORTAR CONTROL

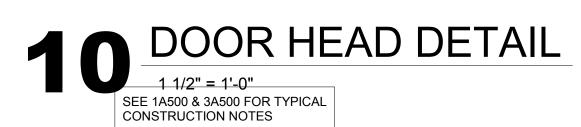
WEEP / VENT AT 24" O.C.

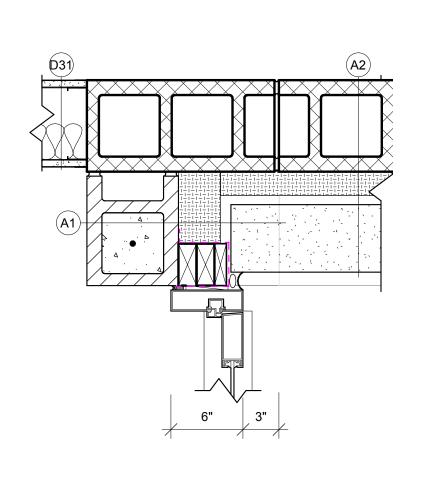
S.S. FLASHING- EXTEND

BEYOND VENEER FACE

CAST STONE SILL

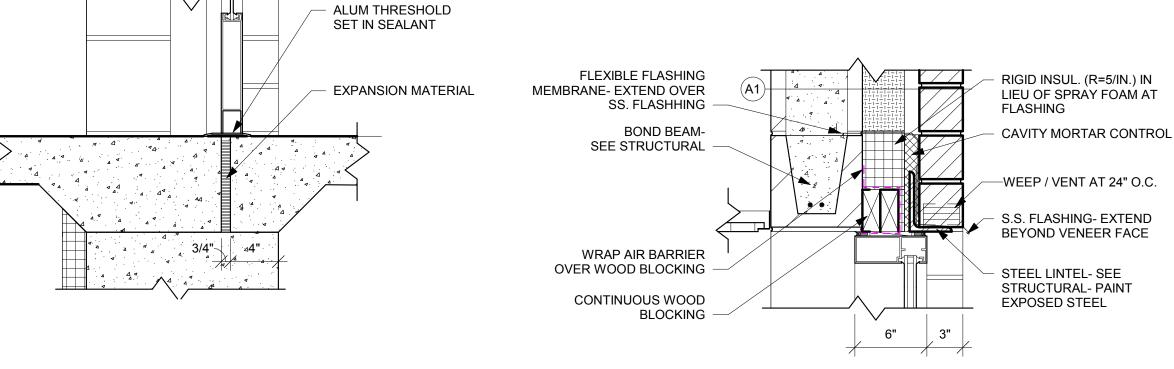
WDO. SILL DETAIL 1 1/2" = 1'-0"

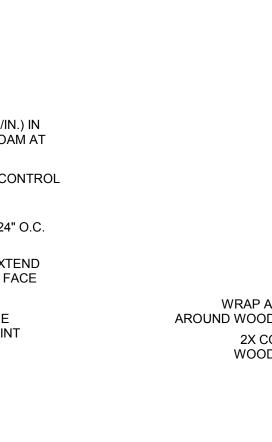




DOOR JAMB DETAIL

1 1/2" = 1'-0"





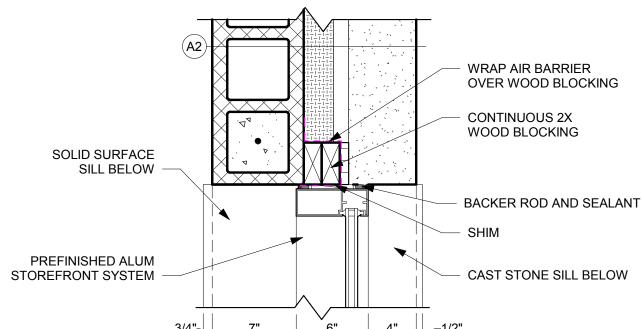
1 4 DOOR JAMB DETAIL

1 1/2" = 1'-0"

CLOSE OFF CAVITY WITH EXTRUDED INSULATION RIGID INSUL. (R=5/IN.) IN LIEU OF SPRAY FOAM AT FLASHING WRAP AIR BARRIER AROUND WOOD BLOCKING — —BACKER ROD AND SEALANT 2X CONTINUOUS WOOD BLOCKING FLEXIBLE MEMBRANE FLASHING-EXTEND OVER TOP OF S.S. FLASHING ALUM DOOR FRAME JOIST BRG 114'-0" CAVITY MORTAR CONTROL WEEP/VENT BETWEEN PANELS S.S. FLASHING- EXTEND BEYOND VENEER FACE STEEL LINTEL - SEE STRUCTURAL - PAINT EXPOSED STEEL VENEER LINTEL- SEE STRUCTURAL- PAINT EXPOSED STEEL

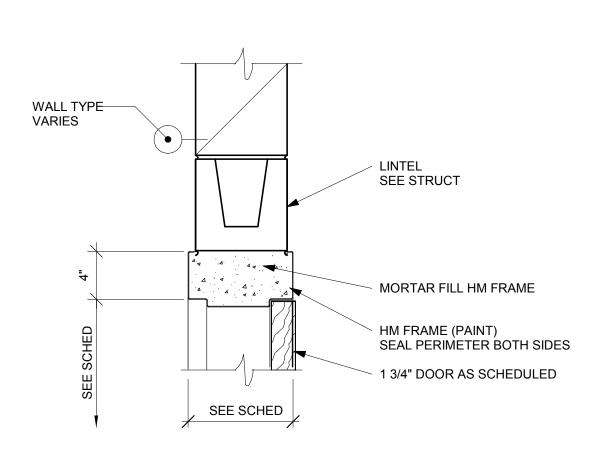
15 WDO. HEAD/ROOF DETAIL

1 1/2" = 1'-0"



16 WDO. JAMB DETAIL

1 1/2" = 1'-0"

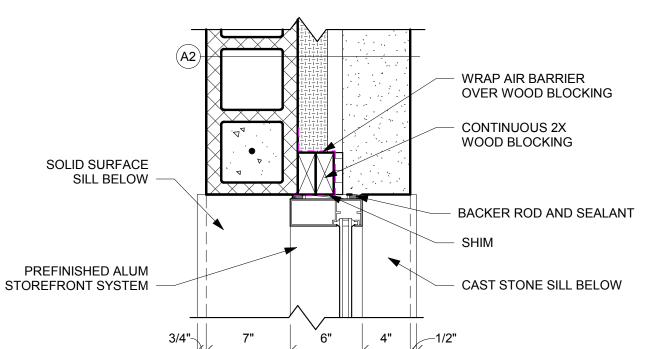


13 DOOR HEAD DETAIL

1 1/2" = 1'-0"

18 DOOR HEAD DETAIL

1 1/2" = 1'-0"



1 WDO. SILL DETAIL

1 1/2" = 1'-0"

1 2 DOOR SILL DETAIL

1 1/2" = 1'-0"

FIRST FLOOR 100'-0"

PREFINISHED ALUM STOREFRONT SYSTEM

SOLID SURFACE SILL

FIRST FLOOR 100'-0"

ADD 1 Graphic Scale: **VARIES** 11/2/2018 10:57:34 AM

HSR Project Number: 18022 Project Date: **OCTOBER 19, 2018** MPL/JTD

ARCHITECTURE

ENGINEERING

INTERIOR DESIGN

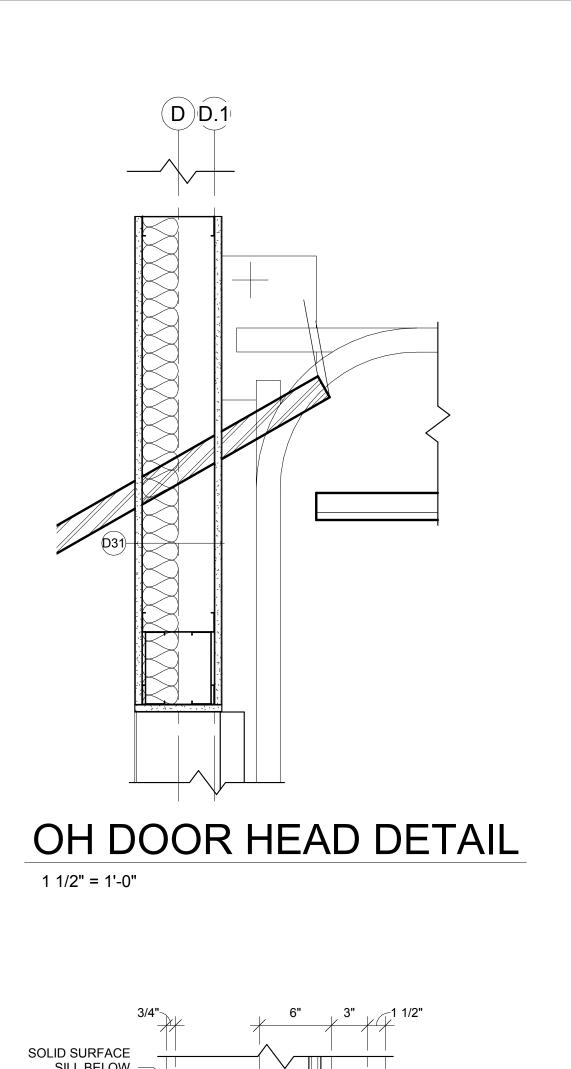
HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN

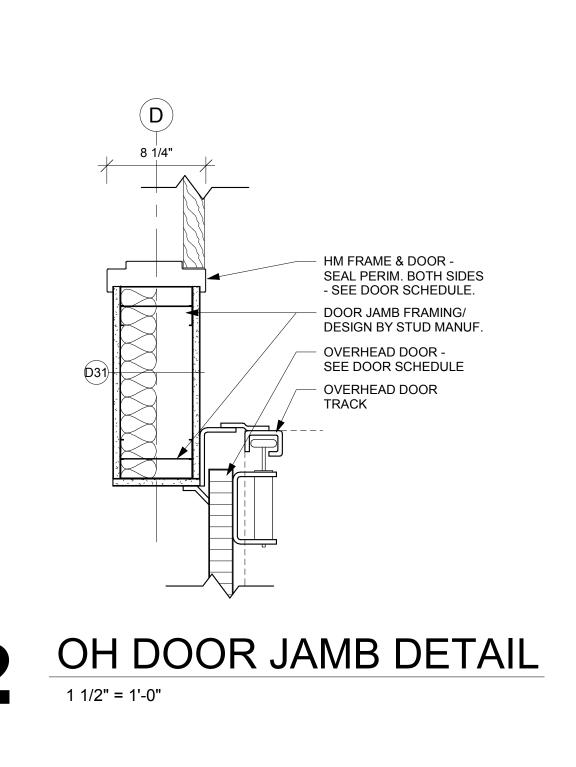
PHONE: 608.784.1830 FAX: 608.782.5844

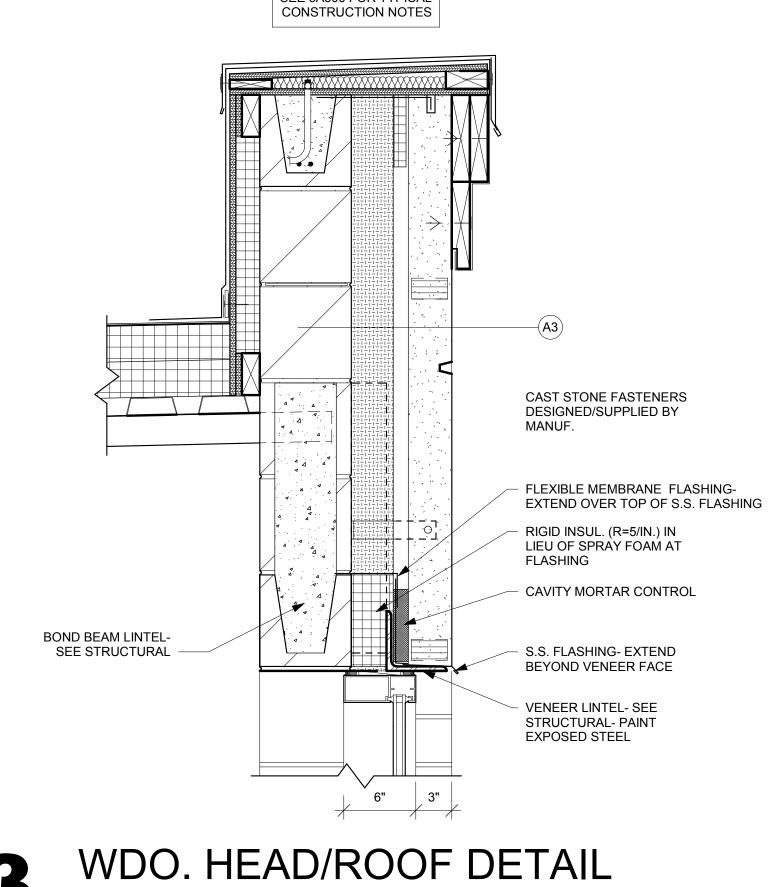
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Consultant:

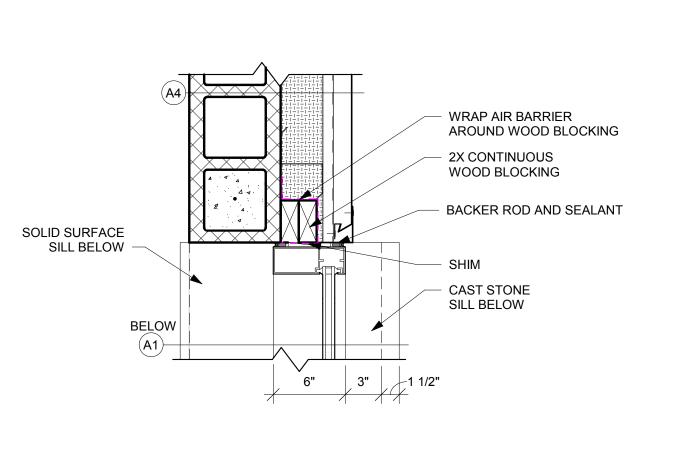
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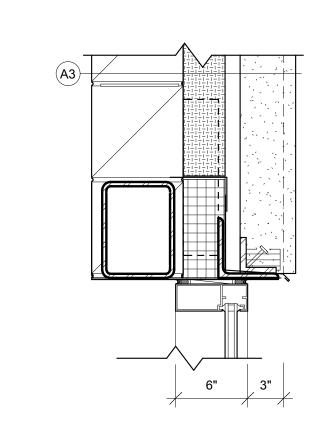






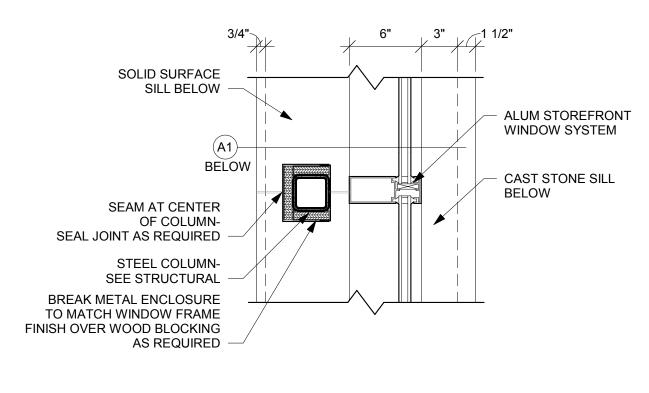
SEE 3A500 FOR TYPICAL





WDO. JAMB DETAIL

WDO. HEAD DETAIL



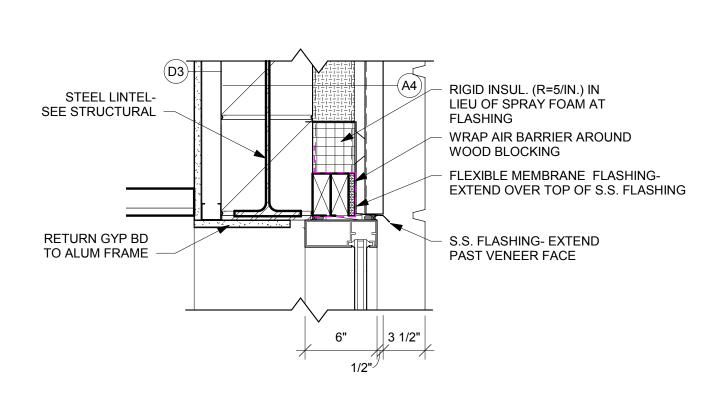
SEALANT AT PERIMETER

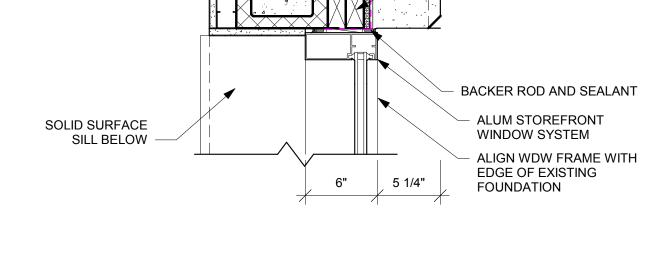
SOLID SURFACE WINDOW SILL

2X WOOD BLOCKING

WDO. MULLION DETAIL





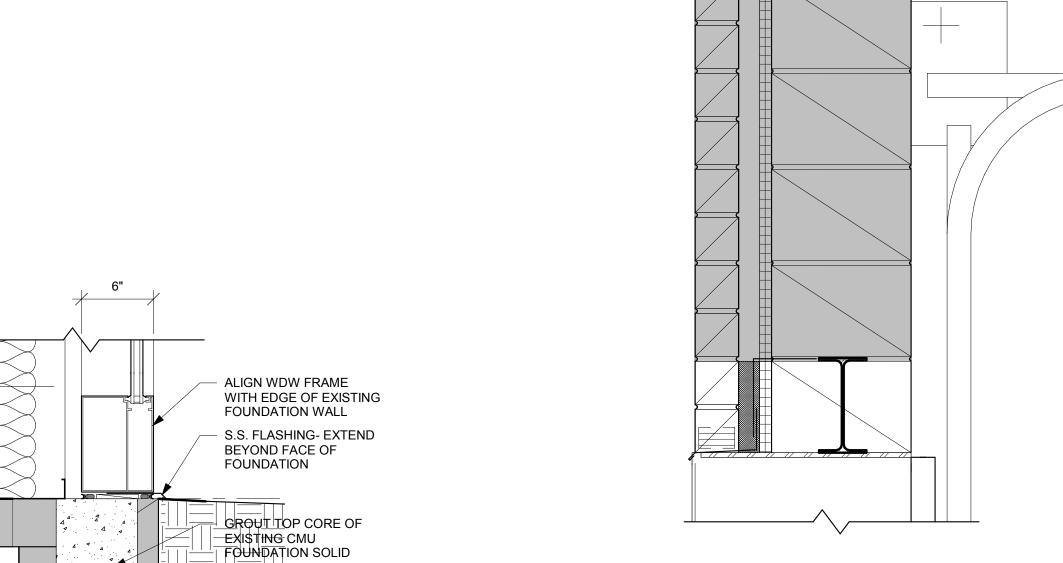


WRAP AIR BARRIER

2X CONTINUOUS

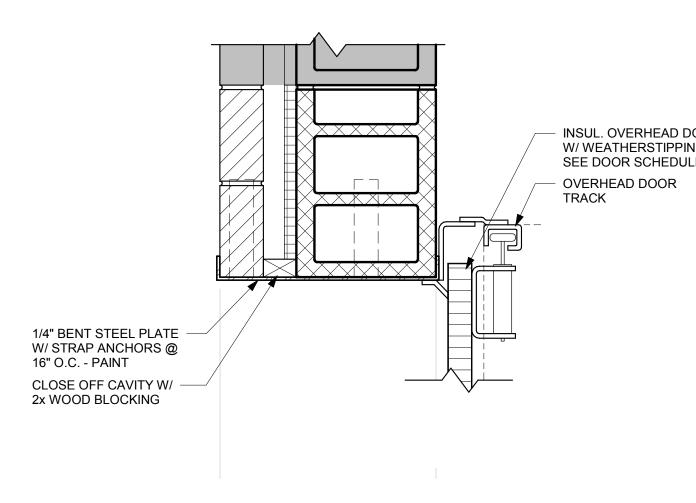
WOOD BLOCKING

AROUND WOOD BLOCKING

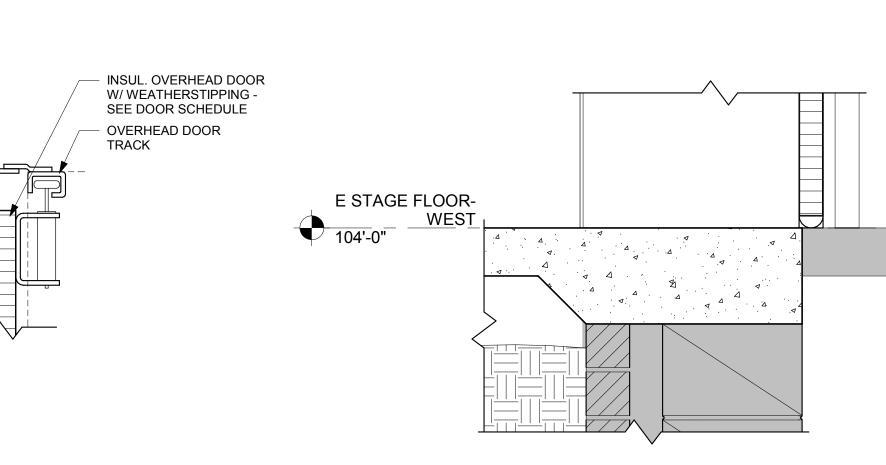




WDO. JAMB DETAIL









FIRST FLOOR 100'-0"

ALUM STOREFRONT

WINDOW SYSTEM

SPANDREL GLASS BELOW SILL

12 OH DOOR HEAD DETAIL

1 1/2" = 1'-0"

ALTERNATE

13 OH DOOR JAMB DETAIL

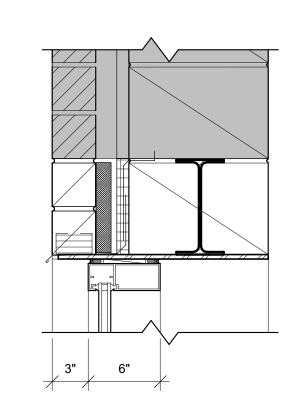
1 1/2" = 1'-0"

ALTERNATE **ALTERNATE**

14 OH DOOR SILL DETAIL

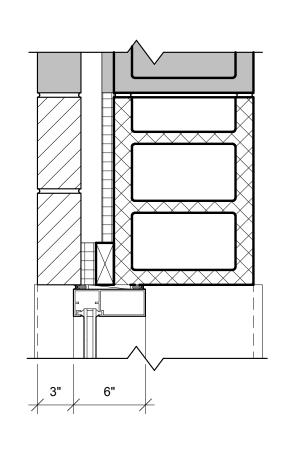
1 1/2" = 1'-0"

ALTERNATE **ALTERNATE**



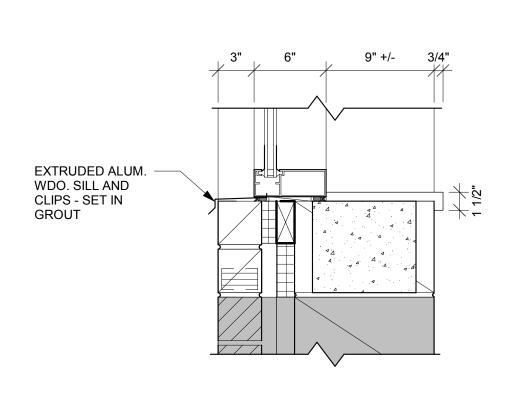
15 WDO. HEAD DETAIL

11/2" = 1'-0" --**ALTERNATE**

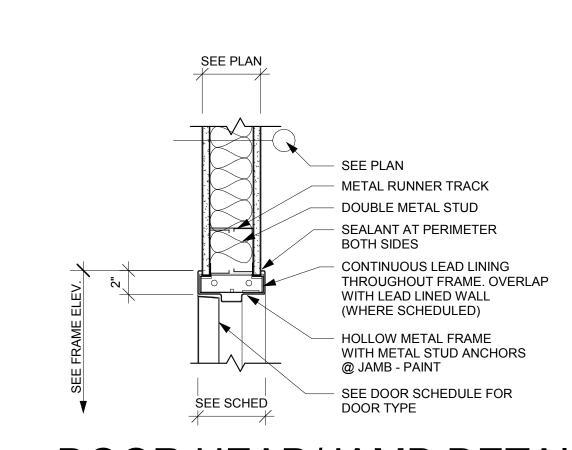


16 WDO. JAMB DETAIL

1 1/2" = 1'-0" **ALTERNATE**

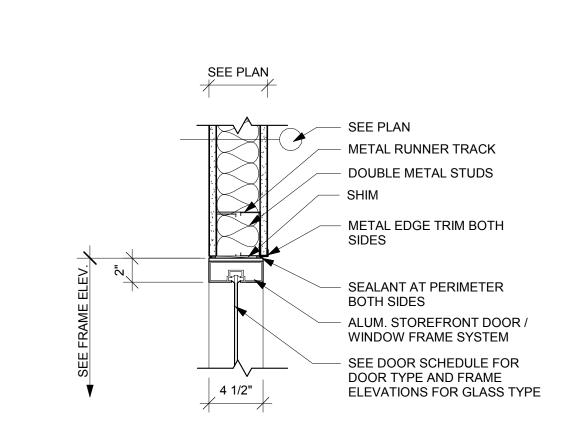


→ WDO. SILL DETAIL



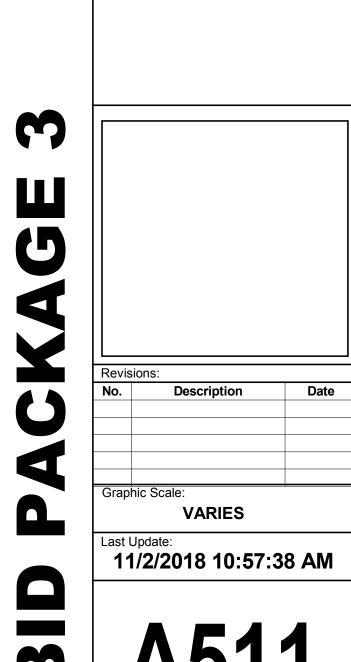
18 DOOR HEAD/JAMB DETAIL

1 1/2" = 1'-0"



19 DOOR HEAD/JAMB DETAIL

1 1/2" = 1'-0"



BID PACKAGE 3 ADDENDUM 2

HSR Project Number:

18022

OCTOBER 19, 2018

MPL/JTD

ARCHITECTURE

ENGINEERING

INTERIOR DESIGN

HSR ASSOCIATES INC.

100 MILWAUKEE STREET

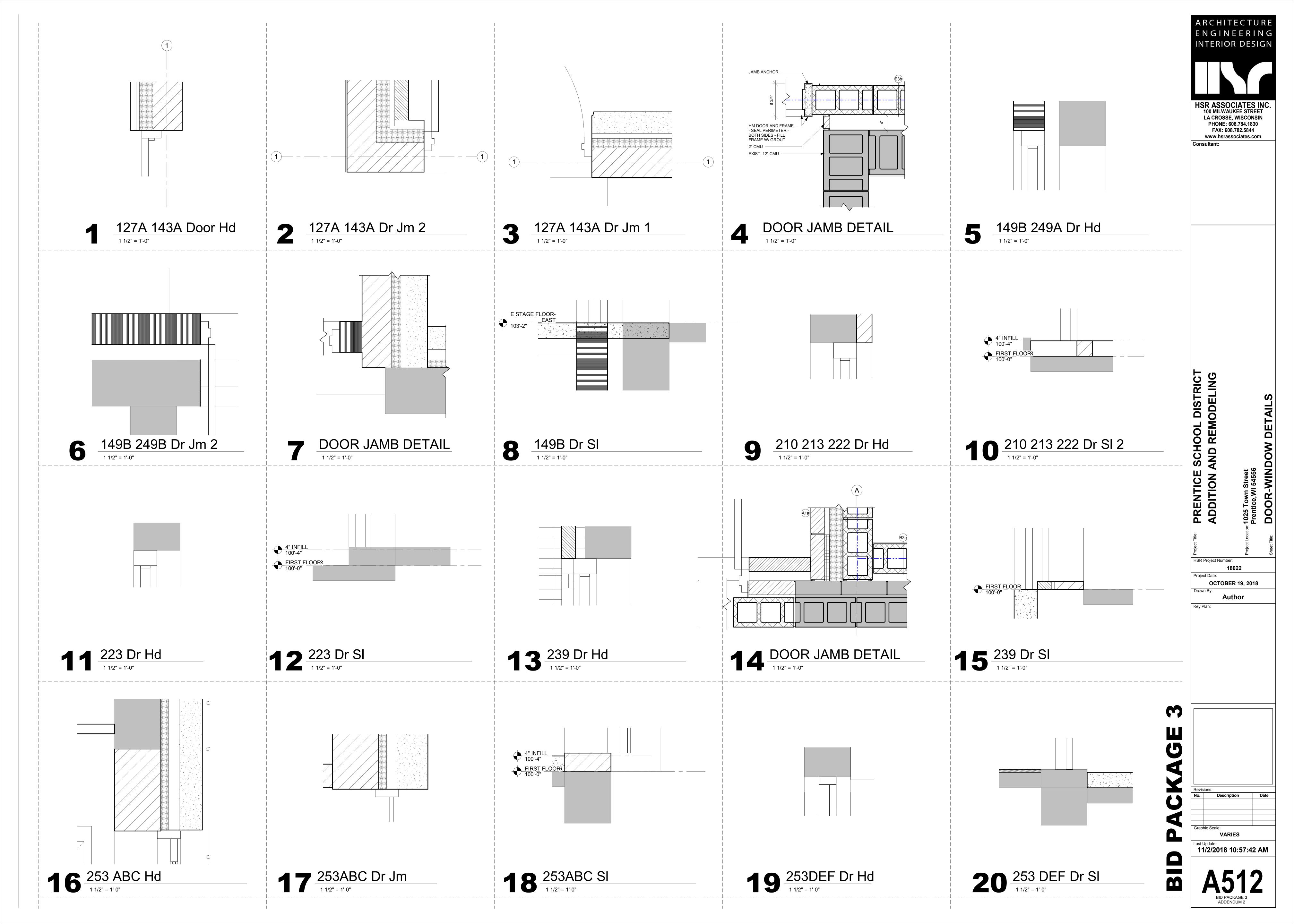
LA CROSSE, WISCONSIN

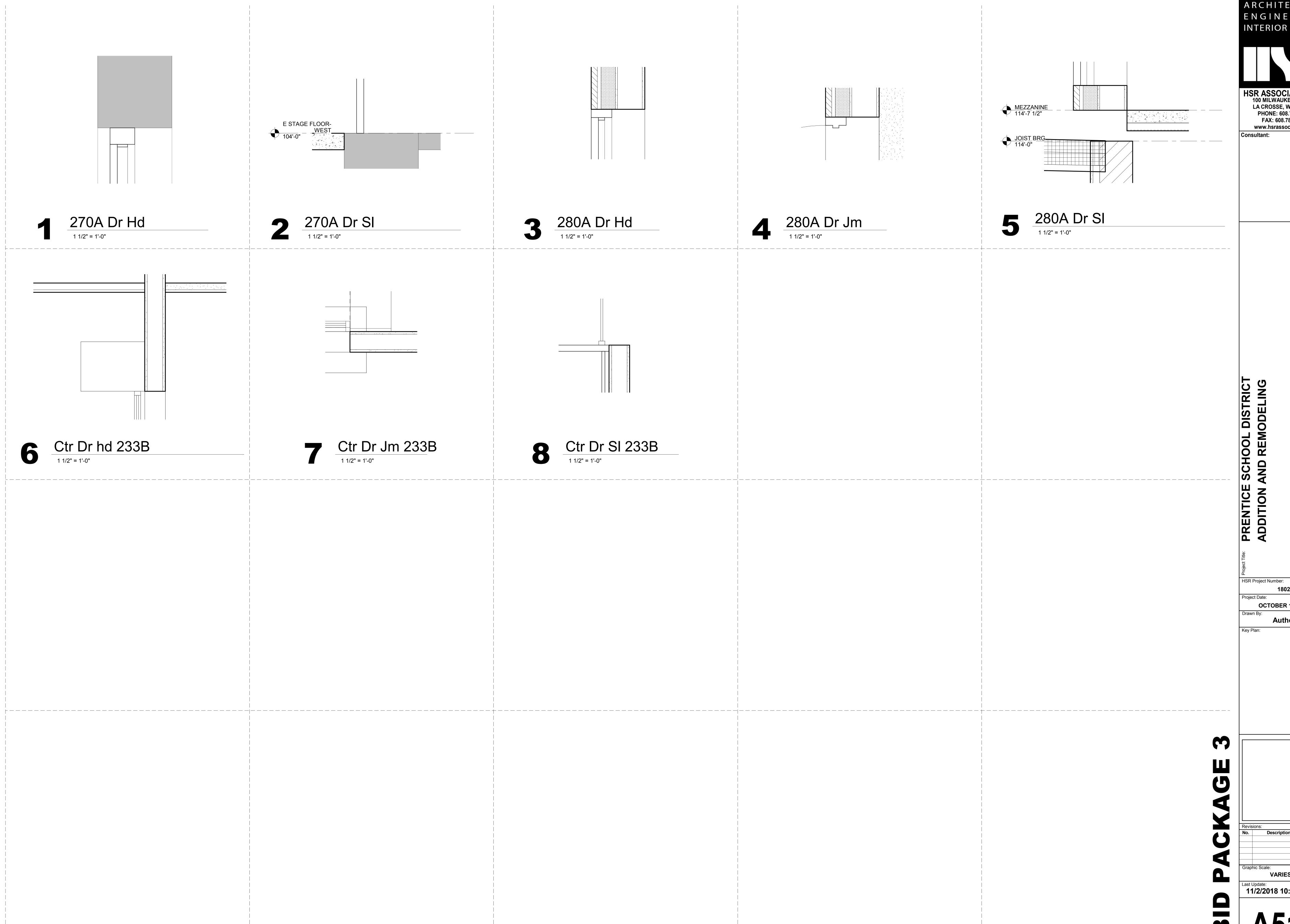
PHONE: 608.784.1830

FAX: 608.782.5844

www.hsrassociates.com

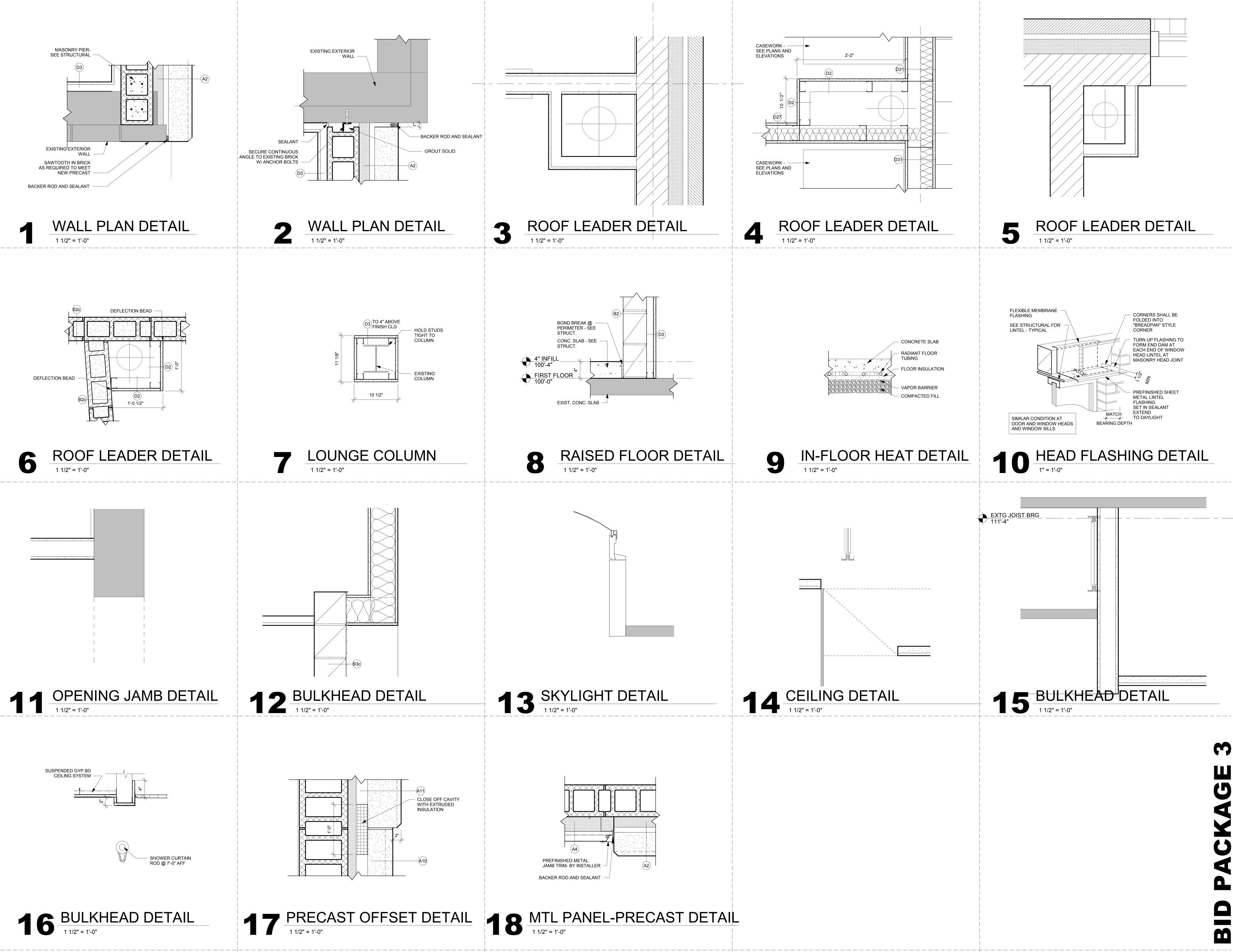
Consultant:





INTERIOR DESIGN HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN PHONE: 608.784.1830 FAX: 608.782.5844 www.hsrassociates.com

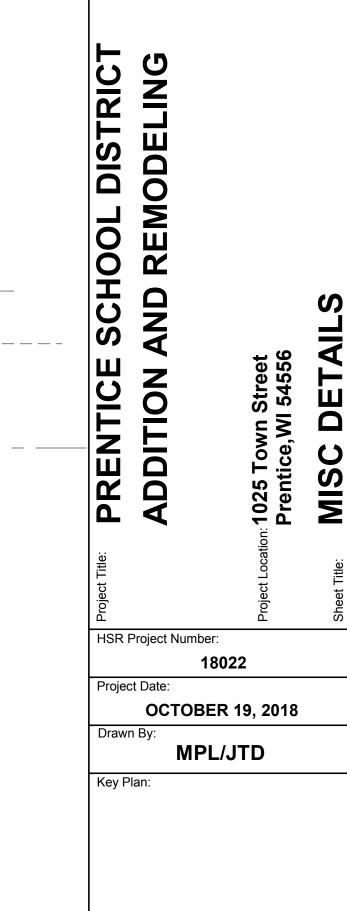
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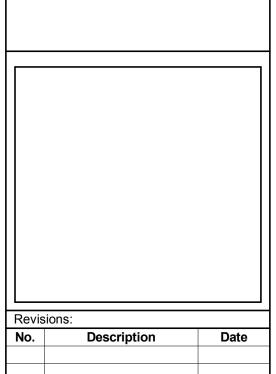




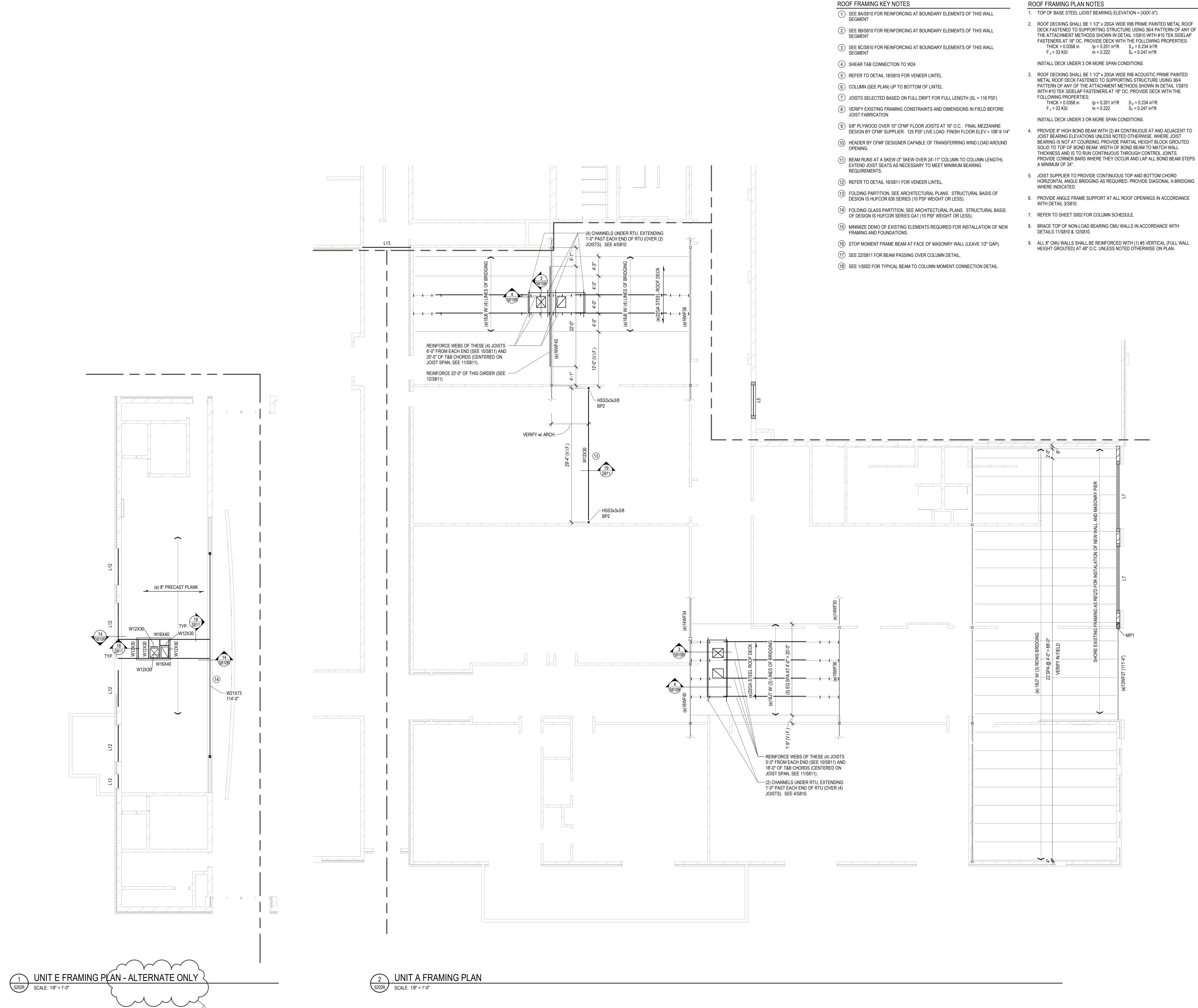




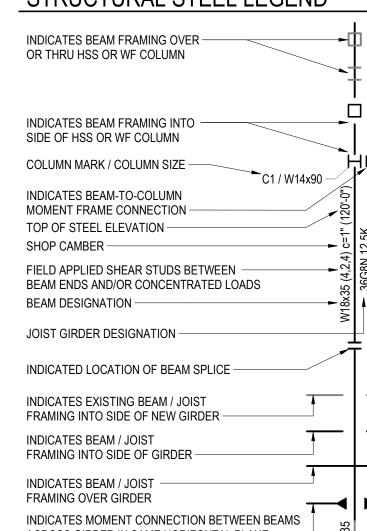




11/2/2018 10:57:48 AM



STRUCTURAL STEEL LEGEND



MEMBER SIZES OR MARKS WITH A -

PREFIX OF "(e)" ARE EXISTING ELEMENTS

ACROSS GIRDER IN SAME HORIZONTAL PLANE -

HSR Project Number: **OCTOBER 19, 2018** raSmith Key Plan:

INTERIOR DESIGN

HSR ASSOCIATES INC.

100 MILWAUKEE STREET

LA CROSSE, WISCONSIN

PHONE: 608.784.1830

FAX: 608.782.5844

www.hsrassociates.com

rasmith | 5250 E. Terrace Dr., Ste. 108 | Madison, WI 53718-8345 | (608) 467-3034

project number: 1180371

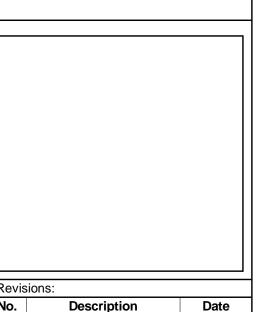
sequences and procedures of construction including, but not limited to,

REATIVITY BEYOND ENGINEERING rasmith.com

Contractors are responsible for the means, methods, techniques,

temporary supports, shoring, forming to support imposed loads and other similar items.

Consultant:



KEY PLAN

BP3 3 BP3 ADD2

VARIES

Last Update: 11/2/2018 10:28:43 AM

