DOCUMENT 00 90 00 ADDENDUM

ADDENDUM NO. [4] Date: August 8, 2019

RE: SCHOOL DISTRICT OF HOLMEN

HIGH SCHOOL ADDITION AND REMODELING BID PKG #2

1001 McHUGH ROAD

HOLMEN, WISCONSIN 54636

HSR 18061

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 July 2019. 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 [3] pages, [3] specification sections and [7] 30 x 42 drawing.

CHANGES TO SPECIFICATIONS:

- 1. Section 07 25 00 AIR BARRIERS
 - a. Section attached hereto as part of Contract Documents.
- 2. Section 09 64 29 WOOD STRIP AND PLANK FLOORING
 - a. 2.02, B, 2: Change "1/8" hardboard" to "1/4" hardboard"
- Section 23 07 19 PIPE INSULATION
 - a. 2.02, K. Direct Buried Piping
 - 1. Pittsburgh Corning: Foamglas: Inorganic, incombustible, foamed or cellulated glass with annealed, rigid, hermetically sealed cells.
 - a. Block Insulation: ASTM C 552, Type I.
 - b. Special-Shaped Insulation: ASTM C 552, Type III.
 - c. Board Insulation: ASTM C 552, Type IV.
 - d. Preformed Pipe Insulation with Factory-Applied Jacket: Comply with ASTM C 552, Type II, Class 2.
 - e. Factory fabricate shapes according to ASTM C 450 and ASTM C 585.
 - 2. Minimum thickness of insulation.
 - a. 1 ½ inches for chilled water.
 - 3. Factory applied jacket. Terostat PC® FRi.
 - 4. Joint and seam sealant/adhesive.
 - a.Terostat PC® FRi. One component sealant, coating and adhesive, silicone based, which cures by reaction with humidity to a soft elastic product.

- 1. Odorless coating, free of solvents, isocyanates and PVC, demonstrates good weathering, UV and mechanical resistance, as well as excellent chemical resistance.
- 2. Not sensitive to temperature changes, and has excellent crack-bridging capabilities. Flame retardant sealant and coating (class O as per BS476

b. 3.10 DIRECT BURIED PIPING

- A. Terostat PC® FRi.
 - 1. Follow manufacturer's instructions.
 - 2. Protect from freezing. Store and ship above 0°C (32°F). Avoid application at freezing conditions.
 - 3. Do not apply if rain or temperatures below 5°C (41°F) or above 40°C (104°F) are expected before coating cures.
 - 4. As a joint sealant.
 - a) If necessary, the mating surfaces should be rubbed to ensure they are flat and smooth before application of sealant. Apply using extrusion gun, cartridges or trowel.
 - b) Apply sealant to mating surfaces of one half or both halves of the pipe insulation section. Press insulation together firmly in order to obtain a complete seal. Smooth any squeezed out sealant flush with the Terostat PC® FRi finish. A raised joint surface is also acceptable, but a recessed (low) joint isn't. Eventually apply an extra bead.
 - 5. As a coating.
 - a) Apply a coat of 1.5 to 4 kg/m² (30 to 80 lbs/100ft²). It may be applied by trowel or cartridge. Immediately after application, the coating is smoothed using trowel, spatula, squeegee or gloves

CHANGES TO DRAWINGS

- 4. Sheet C102 SITE PLAN
 - a. Change note from "8' chain link fence" to "6' chain link fence"
- 5. Sheet A204 INTERIOR ELEVATIONS 30 x 42 attached hereto
 - a. Revisions clouded on Drawing
- 6. Sheet ID103 FINISH FLOOR PLAN SEGMENT B 30 x 42 attached hereto
 - a. Revisions clouded on Drawing
- 7. Sheets ID105 FINISH FLOOR PLAN SEGMENT E 30 x 42 attached hereto
 - a. Revisions clouded on Drawing
- 8. Sheet ID400 INTERIOR ELEVATIOINS AND ENLARGED PLANS 30 x 42 attached hereto
 - a. Revisions clouded on Drawing
- 9. Sheet M106 OVERALL MECHANICAL PIPING REMODEL PLAN 30 x 42 attached hereto
 - a. Revisions clouded on Drawing
- 10. Sheet M110 MECHANICAL PIPING REMODEL PLAN SEG. 'E' 30 x 42 attached hereto
 - a. Revisions clouded on Drawing

11. Sheet E204 FIRST FLOOR POWER PLAN – SEGMENT E

a. 1/E204 - First Floor power plan – Segment 'E": 600 amp safety switch and adjacent transformer in electrical room is existing to remain. Install conduit raceways indicated to new kitchen panel K, for phase 1 of work. (Phase 2 of work will replace feeders with 400 amp conductors- not this bid set).

12. Sheet E500 ELECTRIC RISER DIAGRAM

- a. 1/E500-Electrical one-line diagram; Provide 100amp, 3 pole circuit breaker and feeder to panel LG in Band Mezzanine.
- b. 3/E500 –Existing Electrical one-line diagram; Indicate/show Panel LE2 to be mounted adjacent panel LE; with sub-feed lugs and conductors from panel LE.

13. Sheet E502 ELECTRICAL SYSTEMS PLAN 30 x 42 attached hereto

a. Revisions clouded on Drawing.

PRIOR APPROVALS

- 1. Section 10 22 39 FOLDING PANEL PARITIONS
 - a. Moderco: Signature 842

END OF DOCUMENT 00 90 00

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SECTION 07 25 00 AIR BARRIERS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Water-Resistive Barrier: Under exterior wall cladding, over sheathing or other substrate; not air tight or vapor retardant.

1.02 RELATED REQUIREMENTS

A. Section 07 42 13 - Metal Wall Panels: Areas requiring water resistive barrier.

1.03 DEFINITIONS

- A. Weather Barrier: Assemblies that form either water-resistive barriers, air barriers, or vapor retarders.
- B. Water-Resistive Barrier: Water-shedding barrier made of material that is moisture resistant, to the degree specified, intended to be installed to shed water without sealed seams.

1.04 SUBMITTALS

- A. See Section 01 30 00 Administrative Requirements, for submittal procedures.
- B. Product Data: Provide data on material characteristics.
- C. Manufacturer's Installation Instructions: Indicate preparation and installation methods.

1.05 FIELD CONDITIONS

A. Maintain temperature and humidity recommended by the materials manufacturers before, during and after installation.

PART 2 PRODUCTS

2.01 WATER-RESISTIVE BARRIER MATERIALS (NEITHER AIR BARRIER OR VAPOR RETARDER)

- A. Weather Barrier Sheet, Mechanically Fastened:
 - Air Permeance: 0.004 cubic feet per minute per square foot, maximum, when tested in accordance with ASTM E2178.
 - 2. Water Vapor Permeance: 5 perms, minimum, when tested in accordance with ASTM E96/E96M Procedure A (desiccant method).
 - 3. Water Penetration Resistance: Withstand a water head of 21 inches, minimum, for minimum of 5 hours, when tested in accordance with AATCC 127.
 - 4. Ultraviolet and Weathering Resistance: Approved in writing by manufacturer for minimum of 6 months weather exposure.
 - 5. Surface Burning Characteristics: Flame spread index of 25 or less, smoke developed index of 50 or less, when tested in accordance with ASTM E84.
 - 6. Products:
 - a. DuPont Building Innovations; Tyvek Commercial Wrap with Tyvek Fluid Applied Flashing Brush Formulation, Tyvek Fluid Applied Flashing and Joint Compound, FlexWrap NF, StraightFlash, StraightFlash VF, Tyvek Wrap Caps, and Tyvek Tape: www.dupont.com.
 - b. Fiberweb. Inc: Typar MetroWrap: www.typar.com.
 - c. National Shelter Products, Inc.; DRYLine RainDrain: www.drylinewrap.com.
 - d. Pactiv Corporation; GreenGuard; RainDrop Building Wrap: greenguard.pactiv.com.
 - e. Substitutions: See Section 01 60 00 Product Requirements.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that surfaces and conditions are ready to accept the work of this section.

3.02 PREPARATION

A. Remove projections, protruding fasteners, and loose or foreign matter that might interfere with proper installation.

3.03 INSTALLATION

A. Install materials in accordance with manufacturer's instructions.

- B. Water-Resistive Barriers: Install continuous barrier over surfaces indicated, with sheets lapped to shed water but with seams not sealed.
- C. Mechanically Fastened Sheets On Exterior:
 - Install sheets shingle-fashion to shed water, with seams generally horizontal.
 - 2. Overlap seams as recommended by manufacturer but at least 6 inches.
 - 3. Overlap at outside and inside corners as recommended by manufacturer but at least 12 inches.
 - 4. Install water-resistive barrier over jamb flashings.
 - 5. Install air barrier and vapor retarder UNDER jamb flashings.
 - 6. Install head flashings under weather barrier.
 - 7. At openings to be filled with frames having nailing flanges, wrap excess sheet into opening; at head, seal sheet over flange and flashing.
- D. Openings and Penetrations in Exterior Air Barriers:
 - 1. Install self-adhesive flashing over sills, covering entire sill frame member, extending at least 5 inches onto air barrier and at least 6 inches up jambs; mechanically fasten stretched edges.
 - 2. At openings to be filled with frames having nailing flanges, seal head and jamb flanges using a continuous bead of sealant compressed by flange and cover flanges with sealing tape at least 4 inches wide; do not seal sill flange.
 - 3. At openings to be filled with non-flanged frames, seal air barrier to all sides of opening framing, using self-adhesive flashing at least 9 inches wide, covering entire depth of framing.
 - 4. At head of openings, install self-adhesive flashing under air barrier extending at least 2 inches beyond face of jambs; seal air barrier to flashing.
 - 5. At interior face of openings, seal gap between window/door frame and rough framing, using joint sealant over backer rod.
 - 6. Service and Other Penetrations: Fill all annular space with spray foam insulation and trim flush with surface. Form self-adhesive flashing around penetrating item and seal to air barrier surface.

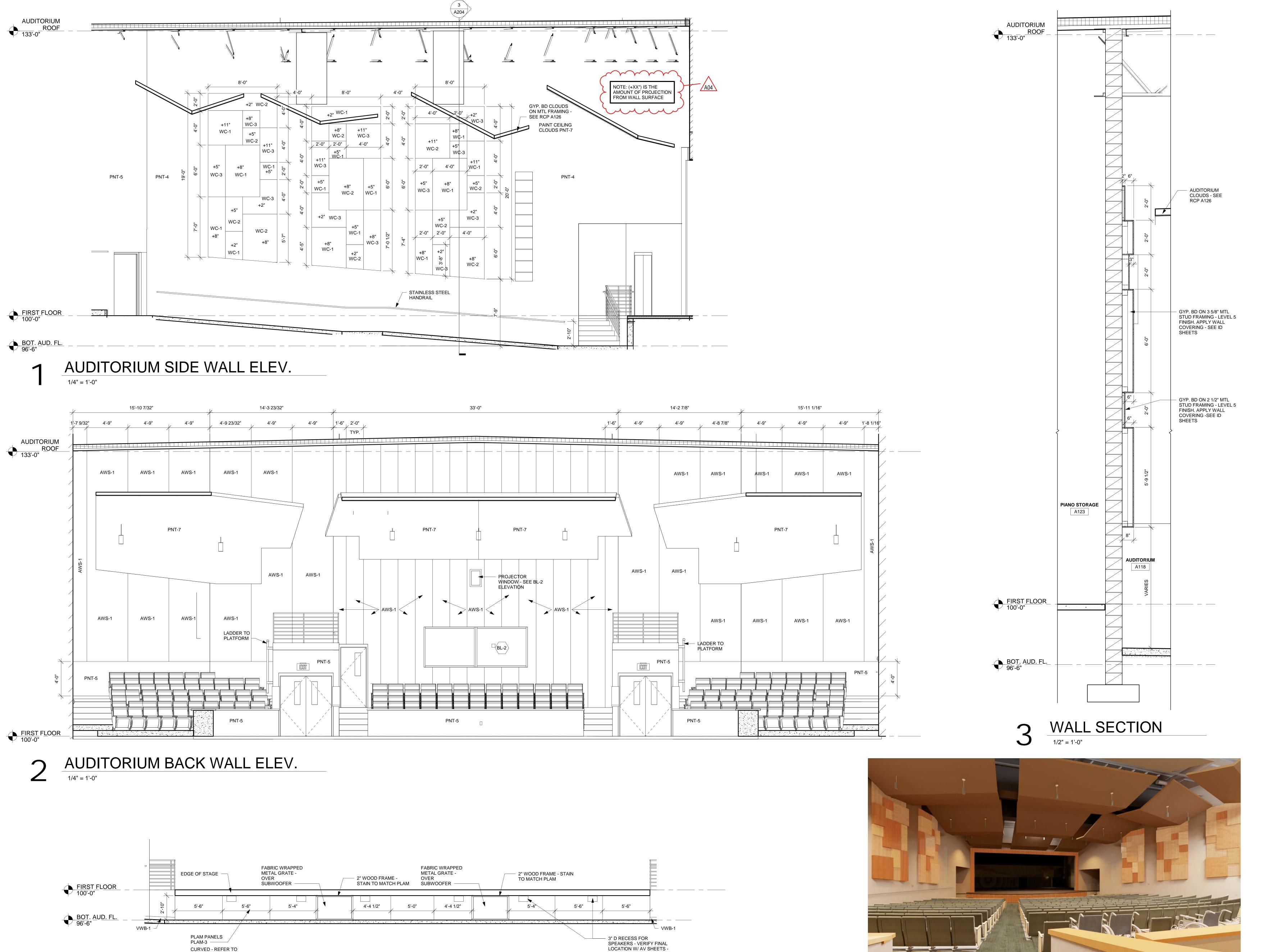
3.04 FIELD QUALITY CONTROL

- A. See Section 01 40 00 Quality Requirements, for additional requirements.
- B. Obtain approval of installation procedures by the weather barrier manufacturer based on a mock-up installed in place, prior to proceeding with remainder of installation.

3.05 PROTECTION

A. Do not leave materials exposed to weather longer than recommended by manufacturer.

END OF SECTION



TOTAL OF 6 SPEAKERS

CURVED - REFER TO A101 FOR RADIUS

FRONT OF STAGE ELEVATION

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: HOLMEN HSR Project Number: **JULY 2019** M.MALAND

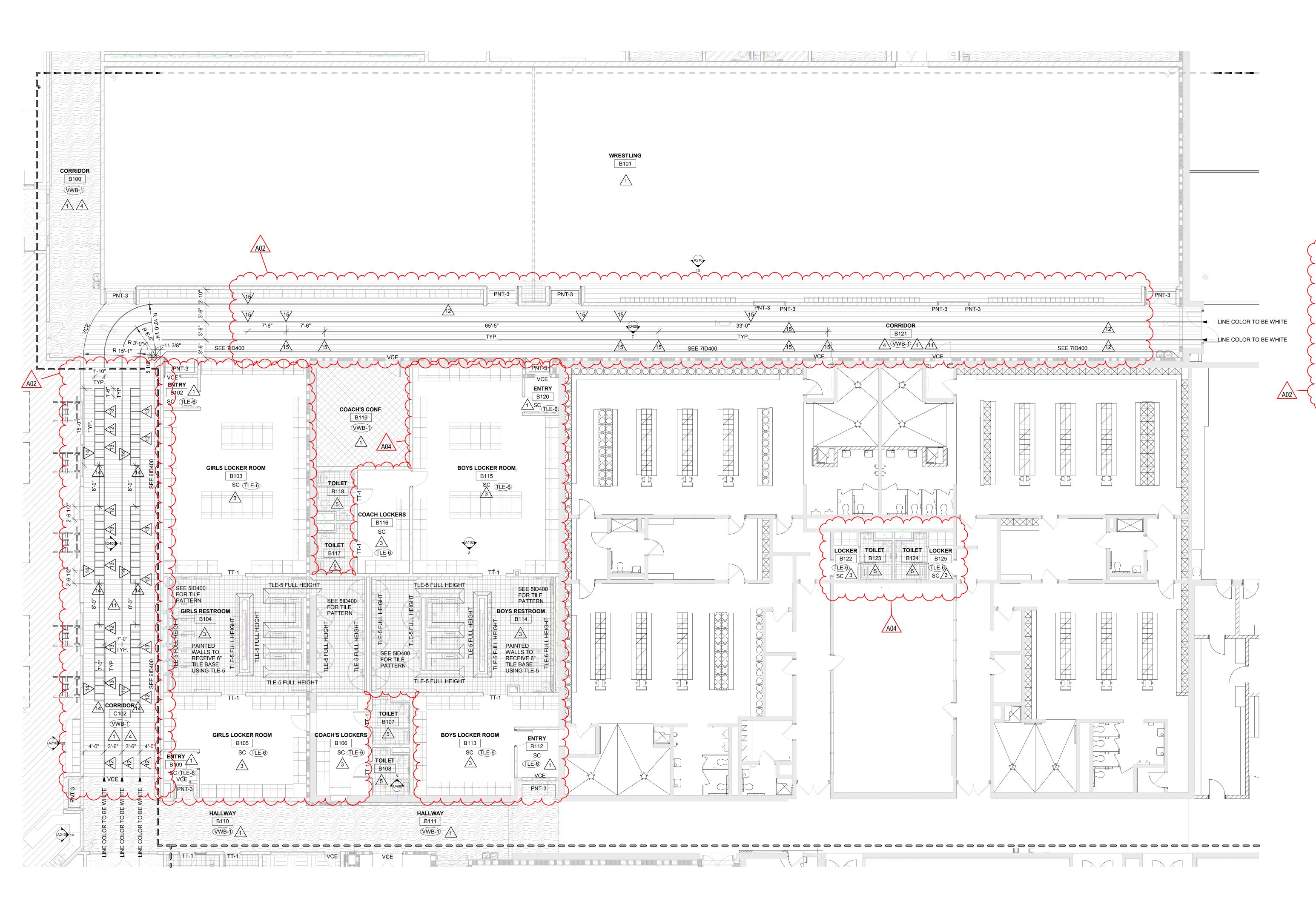
5 AUDITORIUM RENDERING

A01 Addendum 1 A04 Addendum 4

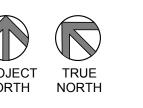
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FIRST FLOOR FINISH PLAN - SEGMENT B



INTERIOR GENERAL NOTES: REFERENCES TO PAINT PERTAIN TO COLOR ONLY: PAINT TYPE SHALL

BE IDENTIFIED IN THE ARCHITECTURAL SPECIFICATIONS.

B PNT-1 FIELD PAINT; ACCENT PAINT AS INDICATED. SEE ID SHEETS.

REFER TO MASTER COLOR SCHEDULE ON ID600 FOR MATERIAL FINISH SPECIFICATIONS, ANNOTATIONS, AND ADDITIONAL INFORMATION. TOILET ROOM WALL AND FLOOR GROUT LINES SHALL ALIGN TO CONTINUE

PATTERN THROUGHOUT. SEE ID400 FOR ELEVATED PATTERNING. VINYL COMPOSITE EDGE (VCE) TO BE INSTALLED AT DISSIMILAR FINISH AREAS; REFER TO ID SHEETS. INSTALL APPROPRIATE EDGE PROFILE

TO PROTECT FINISH EDGES. COLOR AS SELECTED BY A/E. AT DISSIMILAR FLOORING FINISHES, SET JOINT OF MATERIALS AT CENTER OF DOOR. TRANSISITONS TO BE ADA COMPLIANT.

REFER TO PLUMBING FOR FLOOR DRAIN LOCATIONS PAINT EXPOSED CEILINGS PNT-1 UNLESS OTHERWISE NOTED

FINISH KEY PLAN:

SEE ROOM FINISH REMARKS XXX WALL BASE

FINISH LEGEND:

—PNT-X— ACCENT PAINT

CPT-1 WCPT-1

ROOM FINISH REMARKS PAINT ALL WALLS PNT-1 - ACCENT AS INDICATED ON PLANS PAINT ALL WALLS PNT-4 - ACCENT AS INDICATED ON PLANS

PAINT ALL WALLS AND CEILINGS EPOXY PNT-1 - ACCENT AS INDICATED PAINT EXPOSED CEILINGS PNT-2 FULL HEIGHT TILE AT ALL WALLS. SEE TILE PATTERN ON ID400 PAINT ALL WALLS PNT-5 PAINT EXPOSED CEILING PNT-5 PAINT ALL WALLS PNT-8 PAINT EXPOSED CEILINGS PNT-8 PAINT EXPOSED CEILINGS PNT-4 LOCATION AND DIMENSION OF TRACK LINES AND DASHES TO BE VERIFIED BY OWNER

TRACK LANE LINES TO BE WHITE. "3 DOT DRILL" DASHES IN CORRIDOR C102 TO BE BLACK. HORIZONTAL AND PLAN WEST VERTICAL LINES OF "LADDER DRILLS" TO BE STONE GRAY. PLAN EAST VERTICAL LINE OF "LADDER DRILLS" THAT IS ALSO TRACK LANE LINES TO BE WHITE.

TRACK HANDOFF DASHES IN CORRIDOR B121 TO BE BLACK. SEE ID103

INTERIOR DESIGN

ARCHITECTURE

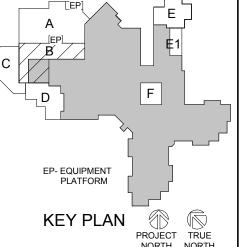
HSR ASSOCIATES INC. 100 MILWAUKEE STREET LA CROSSE, WISCONSIN PHONE: 608.784.1830

FAX: 608.782.5844

www.hsrassociates.com Consultant:

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JULY 2019

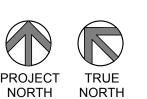


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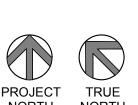
EXISTING EXISTING OFFICE STORAGE **AG SCIENCE LAB** EXISTING GREENHOUSE AG CLASSROOM E115

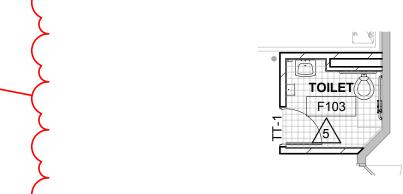
FIRST FLOOR FINISH PLAN - SEGMENT E



FIRST FLOOR FINISH PLAN - SEGMENT E1

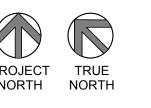
1/8" = 1'-0"





FIRST FLOOR FINISH PLAN - SEGMENT F RESTROOM

PROJECT TRUE NORTH



INTERIOR GENERAL NOTES: REFERENCES TO PAINT PERTAIN TO COLOR ONLY; PAINT TYPE SHALL A BE IDENTIFIED IN THE ARCHITECTURAL SPECIFICATIONS.

B PNT-1 FIELD PAINT; ACCENT PAINT AS INDICATED. SEE ID SHEETS. REFER TO MASTER COLOR SCHEDULE ON ID600 FOR MATERIAL FINISH

SPECIFICATIONS, ANNOTATIONS, AND ADDITIONAL INFORMATION. TOILET ROOM WALL AND FLOOR GROUT LINES SHALL ALIGN TO CONTINUE PATTERN THROUGHOUT. SEE ID400 FOR ELEVATED PATTERNING.

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REFER TO PLUMBING FOR FLOOR DRAIN LOCATIONS

H PAINT EXPOSED CEILINGS PNT-1 UNLESS OTHERWISE NOTED

FINISH KEY PLAN: SEE ROOM FINISH REMARKS XXX WALL BASE PNT-X ACCENT PAINT

FINISH LEGEND:			
TLE-1	LVT-1	CPT-1	
TLE-2	LVT-2	CPT-2	
PAF-1	LVT-3	CPT-3	
PAF-2	RAF-1	WCPT-1	
EPOXY SEE SPEC SECTION	RAF-2	RT-1	
09 67 00 TURF	RAF-3		

ROOM FINISH REMARKS PAINT ALL WALLS PNT-1 - ACCENT AS INDICATED ON PLANS

PAINT ALL WALLS PNT-4 - ACCENT AS INDICATED ON PLANS PAINT ALL WALLS AND CEILINGS EPOXY PNT-1 - ACCENT AS INDICATED

PAINT EXPOSED CEILINGS PNT-2 FULL HEIGHT TILE AT ALL WALLS. SEE TILE PATTERN ON ID400

PAINT ALL WALLS PNT-5 PAINT EXPOSED CEILING PNT-5

PAINT ALL WALLS PNT-8 PAINT EXPOSED CEILINGS PNT-8

PAINT EXPOSED CEILINGS PNT-4 LOCATION AND DIMENSION OF TRACK LINES AND DASHES TO BE VERIFIED BY OWNER

TRACK LANE LINES TO BE WHITE. 13 "3 DOT DRILL" DASHES IN CORRIDOR C102 TO BE BLACK.

HORIZONTAL AND PLAN WEST VERTICAL LINES OF "LADDER DRILLS" TO BE STONE GRAY. PLAN EAST VERTICAL LINE OF "LADDER DRILLS" THAT IS ALSO TRACK LANE LINES TO BE WHITE.
 TRACK HANDOFF DASHES IN CORRIDOR B121 TO BE BLACK. SEE ID103

ARCHITECTURE INTERIOR DESIGN

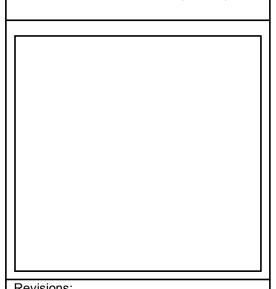
HSR ASSOCIATES INC. 100 MILWAUKEE STREET LA CROSSE, WISCONSIN PHONE: 608.784.1830 FAX: 608.782.5844

Consultant:

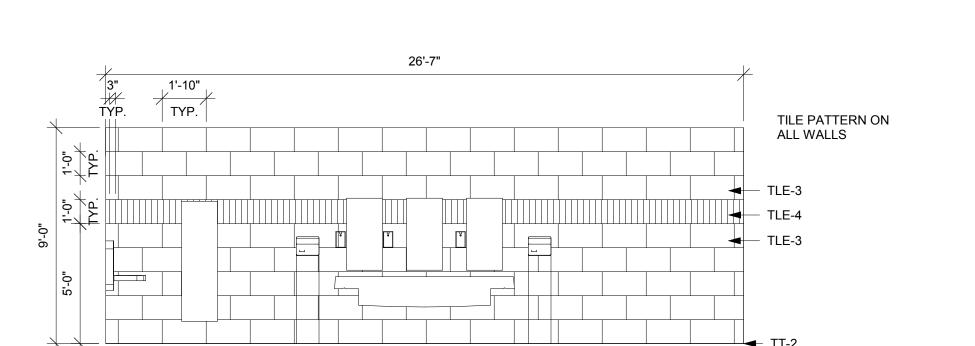
www.hsrassociates.com

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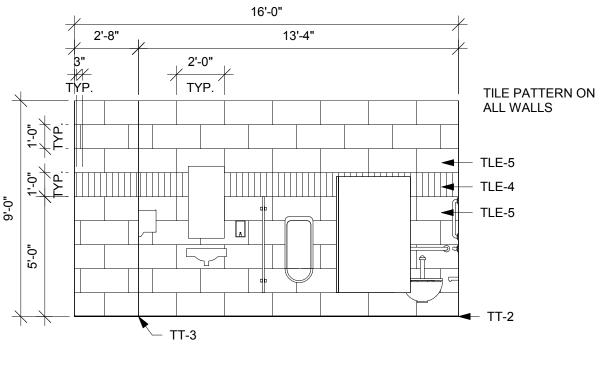
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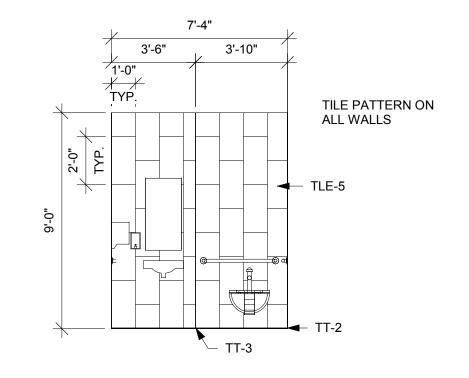
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TILE ELEVATION A106, A107, A109 1/4" = 1'-0"



TILE ELEVATION A114, A115



TILE ELEVATION TILE PATTERN IN ROOMS B104, B107, B108, B114, B117, B118, B123, B124, D101, F103 **ROOM FINISH REMARKS**

PAINT ALL WALLS PNT-1 - ACCENT AS INDICATED ON PLANS
PAINT ALL WALLS PNT-4 - ACCENT AS INDICATED ON PLANS
PAINT ALL WALLS AND CEILINGS EPOXY PNT-1 - ACCENT AS INDICATED ON PLANS PAINT EXPOSED CEILINGS PNT-2

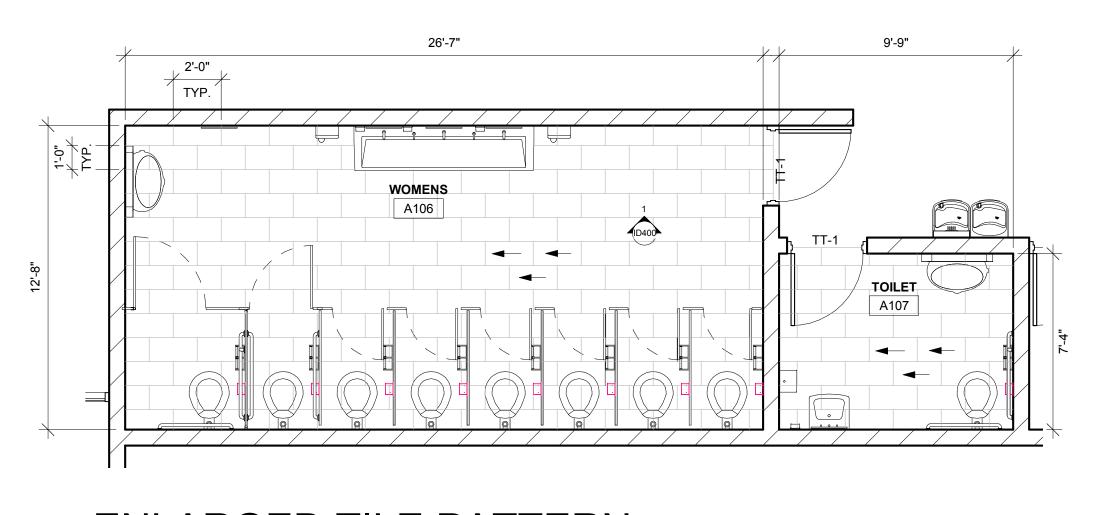
FULL HEIGHT TILE AT ALL WALLS. SEE TILE PATTERN ON ID400
PAINT ALL WALLS PNT-5

PAINT EXPOSED CEILING PNT-5 PAINT ALL WALLS PNT-8 PAINT EXPOSED CEILINGS PNT-8 PAINT EXPOSED CEILINGS PNT-4 LOCATION AND DIMENSION OF TRACK LINES AND DASHES TO BE VERIFIED BY OWNER

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ALSO TRACK LANE LINES TO BE WHITE. TRACK HANDOFF DASHES IN CORRIDOR B121 TO BE BLACK. SEE ID103

BLACK

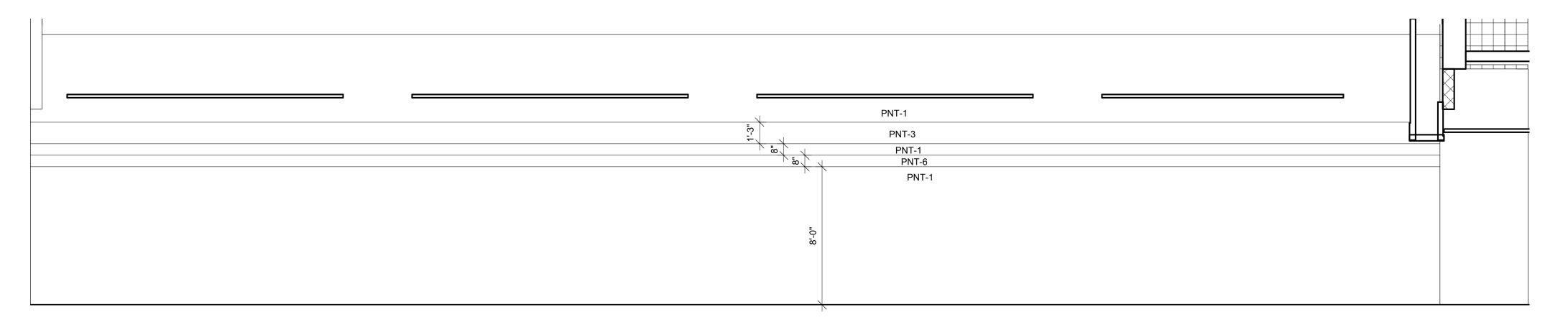


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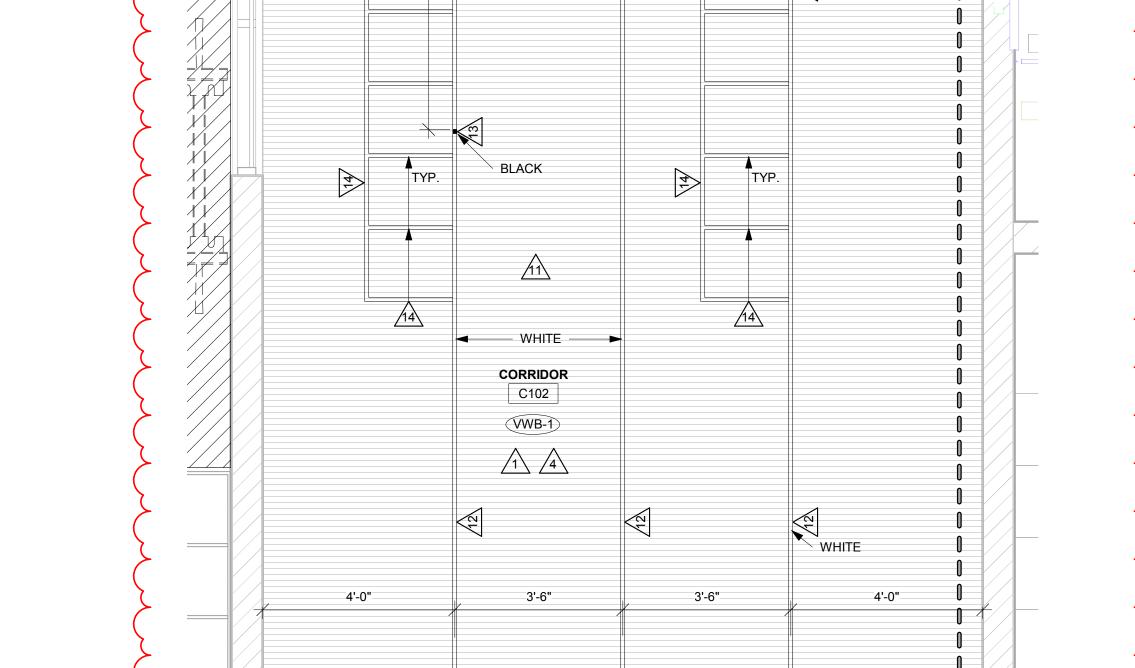
7'-4"

ENLARGED TILE PATTERN

ENLARGED THE PATTERN



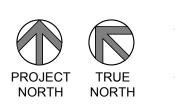
C102 ELEVATION

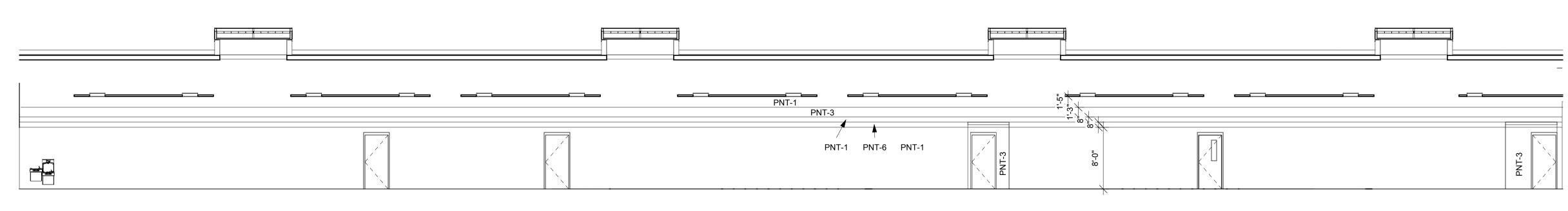


BLACK

ENLARGED HALLWAY FLOOR PATTERN

LAYOUT OCCURS IN 3 LOCATIONS SEE ID103





B121 ELEVATION

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

ARCHITECTURE

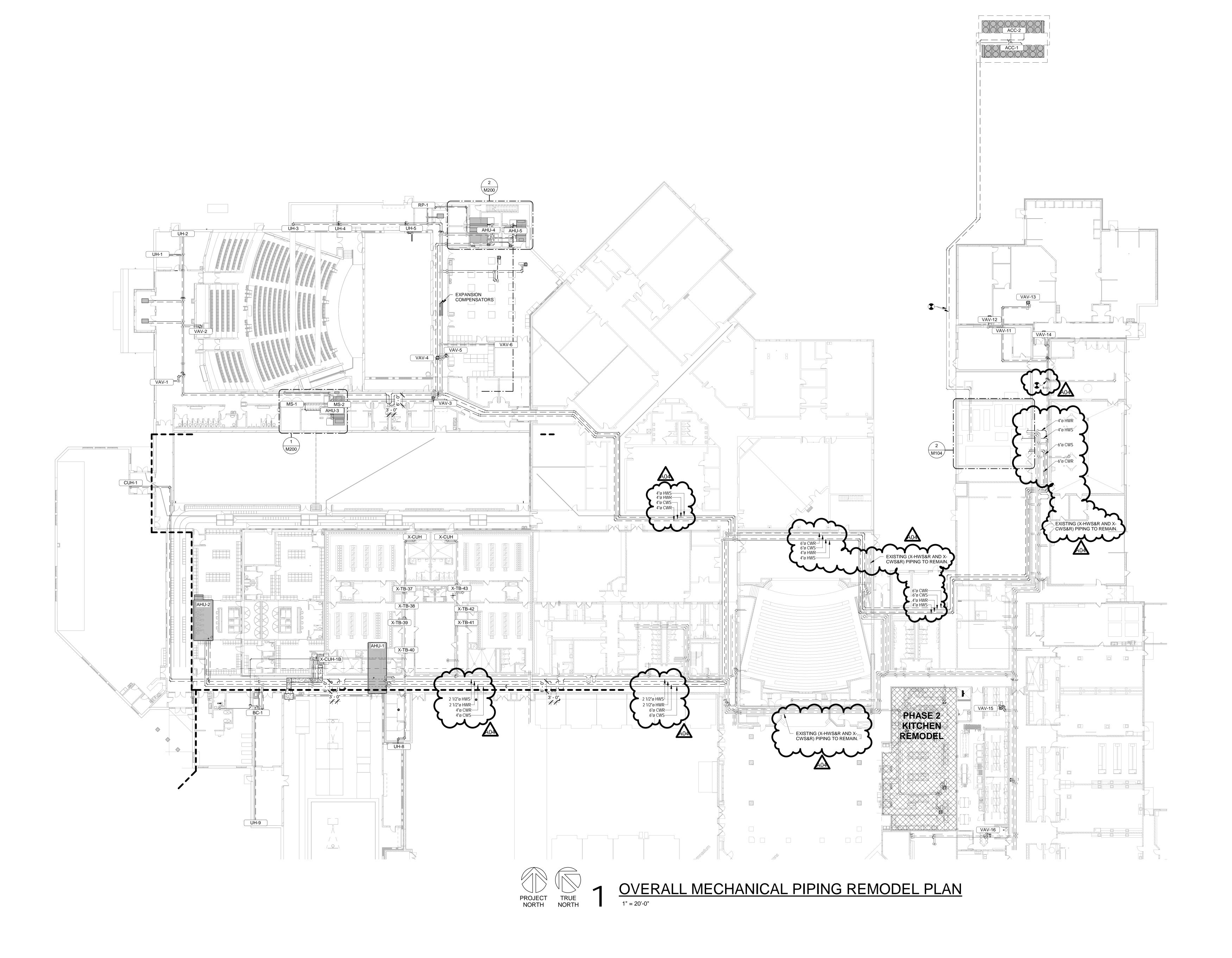
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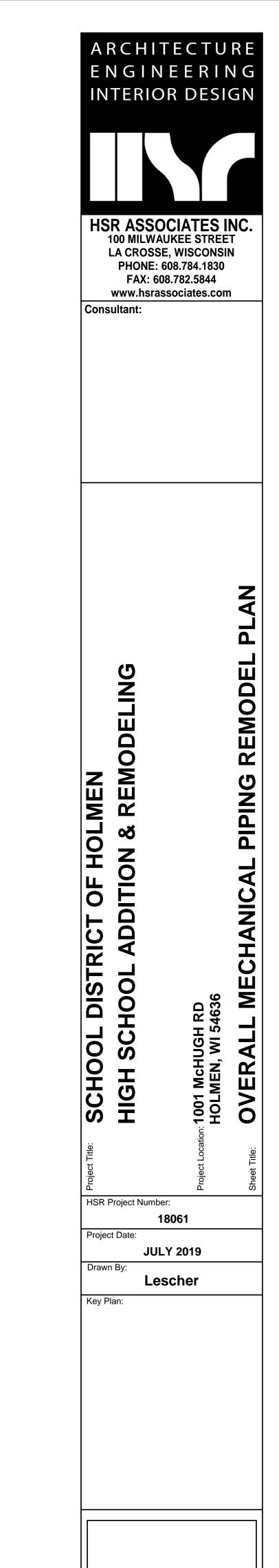
MEN REMODELING

HSR Project Number: **JULY 2019** Key Plan:

A04 Addendum 4

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Revisions:

No. Description Date

 No.
 Description
 Date of the part of the part

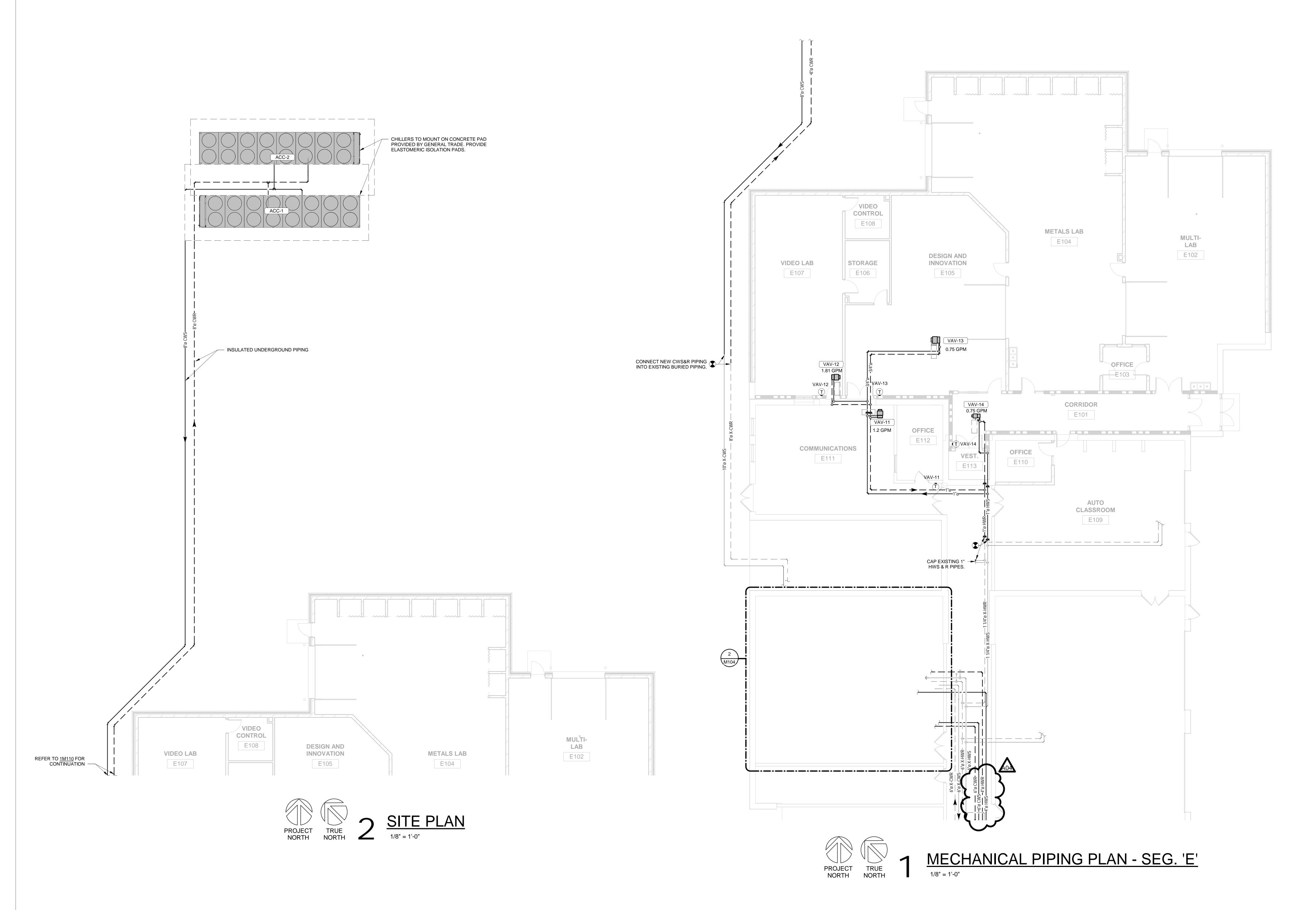
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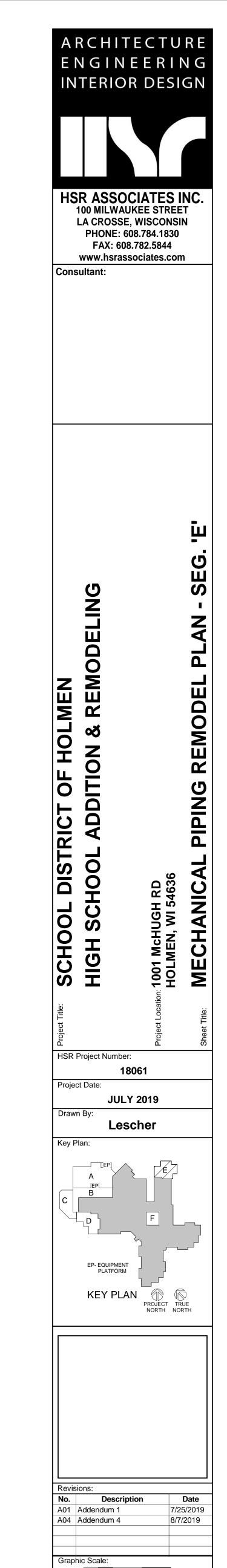
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M106





M110

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