BID ADDENDUM NO. 3

February 24, 2026
Elmira City School District
EHS 2025 Capital Improvements
2012-242

SED #07-06-00-01-0-016-027 – High School

The following Addendum items shall be considered a part of the contract documents prepared by HUNT ENGINEERS, ARCHITECTS, LAND SURVEYORS & LANDSCAPE ARCHITECT, DPC. dated November 25, 2025 and issued for bids on January 27, 2026.

Specifications issued by this Addendum:

07 42 13 – METAL WALL PANELS

Drawings issued by this Addendum:

AD3-T1 – LOBBY AV PLAN

Revisions to Project Manual issued by this Addendum:

ITEM AD3-1 Refer to Section 01 10 00 – SUMMARY
AMEND Paragraph 1.14, A, 4, c to read, "Provide the complete work of Specification Section 28 20 00 – Video Surveillance."

ITEM AD3-2 Refer to Section 04 72 00 – CAST STONE MASONRY
DELETE Paragraph 2.1, A, 5.

ITEM AD3-3 Refer to Section 07 42 13 – METAL WALL PANELS
DELETE Section 07 42 13 – METAL WALL PANELS in its entirety.
ADD Section 07 42 13 – METSSL WALL PANELS as issued by this addendum.

ITEM AD3-4 Refer to Section 07 42 13.19 – INSULATED METAL WALL PANELS
AMEND Paragraph 2.3, A, 3 to read, "Panel Thickness: 2 inch, having an R-Value of R-14, unless scheduled otherwise."

ITEM AD3-5 Refer to Section 07 42 13.19 – INSULATED METAL WALL PANELS
AMEND Paragraph 2.3, B to read, "Soffit Panels: See Section 07 46 16."

ITEM AD3-6 Refer to Section 07 42 13.19 – INSULATED METAL WALL PANELS
ADD Paragraph 2.4, A, 1, c to read, "Color #3: Standard color as noted on drawings; thickness shall be 3 inch."

ITEM AD3-7 Refer to Section 07 42 43 – COMPOSITE WALL PANELS

AMEND Paragraph 2.2, a, 1 to read:

1. Color: As indicated below:
    a. Exterior Color – Sim to Trespa L2151, London Grey.
    b. Interior Colors – Refer to Finish Key on HS-A9.1.

ITEM AD3-8 Refer to Section 08 43 13 – ALUMINUM-FRAMED STOREFRONTS

AMEND Paragraph 2.3, D, j to read:

j. Finish: Same as storefront.
    1) Color: Custom and Standard Colors as scheduled:
        a) Color #1: Custom Color to match District Red – Opening 184-4 & 184-5.
        b) Color #2: Standard Color to match storefront color – Opening 183-1.

ITEM AD3-9 Refer to Section 08 88 13 – FIRE-RATED GLAZING

AMEND Paragraph 2.2, E, 4 to read, "Framing System: ASTM E119 Assembly."

Revisions to Drawings issued by this Addendum:

ITEM AD3-10 Refer to HS-A3.4 – ENLARGED EXTERIOR ELEVATIONS

AMEND Notations on Detail 1 for Metal Panel Type 1 to read, "Insulated Metal Panel Type 1."

AMEND Notations on Detail 1 for Metal Panel Type 2 to read, "Insulated Metal Panel Type 2."

AMEND Notations on Detail 1 for Metal Panel Type 3 to read, "Insulated Metal Panel Type 3."

ITEM AD3-11 Refer to HS-A6.1 – SCHEDULES AND DETAILS

ADD Note to "NOTES" column for opening 184-2 to read, "ASTM E119 Frame Assembly – See Section 08 88 13."

ITEM AD3-12 Refer to HS-R1.2 – ROOF PLAN – PARTIAL AREA D

ADD Roof Drawing Note 3 to read, "Remove existing roof ladder. Provide new roof ladder. See Section 05 51 33."

ITEM AD3-13 Refer to HS-R1.2 – ROOF PLAN – PARTIAL AREA D

ADD Roof Drawing Note 3 reference to Detail 1 at southwest corner of Auditorium wall.

ITEM AD3-14 Refer to HS-R1.2 – ROOF PLAN – PARTIAL AREA D

DELETE Detail 4 in its entirety.

ITEM AD3-15 Refer to HS-T1.2 – FIRST FLOOR TECHNOLOGY PLAN

AMEND Detail 1 as shown on AD3-T1 as issued by this addendum.

End of Addendum 3

SECTION 07 42 13
METAL WALL PANELS

PART 1 GENERAL

1.1 SECTION INCLUDES

A. Exterior cladding consisting of formed metal composite material (ACM) sheet, secondary supports, and anchors to structure, attached to solid backup.

B. Matching flashing and trim.

1.2 RELATED REQUIREMENTS

A. Section 05 40 00 - Cold-Formed Metal Framing: Panel support framing.

B. Section 07 27 00 - Air Barriers: Air barrier behind wall panel system.

C. Section 07 62 00 - Sheet Metal Flashing and Trim: Metal flashing components integrated with this wall system.

D. Section 07 92 00 - Joint Sealants: Sealing joints between siding and adjacent construction and fixtures.

1.3 REFERENCE STANDARDS

A. AAMA 2605 - Voluntary Specification, Performance Requirements and Test Procedures for Superior Performing Organic Coatings on Aluminum Extrusions and Panels (with Coil Coating Appendix); 2022.

B. ASTM D1781 - Standard Test Method for Climbing Drum Peel for Adhesives; 1998 (Reapproved 2021).

C. ASTM D1929 - Standard Test Method for Determining Ignition Temperature of Plastics; 2023.

D. ASTM D4145 - Standard Test Method for Coating Flexibility of Prepainted Sheet; 2010 (Reapproved 2022).

E. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials; 2024.

F. ASTM E283/E283M - Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Skylights, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen; 2019.

G. ASTM E330/E330M - Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference; 2014 (Reapproved 2021).

H. ASTM E331 - Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference; 2000 (Reapproved 2023).

1.4 ADMINISTRATIVE REQUIREMENTS

A. Pre-Installation Meeting: Convene two before starting work of this section to verify project requirements, coordinate with installers of other work, establish condition and completeness of building substrate, and review manufacturers' installation instructions and warranty requirements.

1. Require attendance by the installer and relevant sub-contractors.
2. Include ACM sheet manufacturer's representative and wall system manufacturer's representative to review storage and handling procedures.
3. Review in detail truck transportation, parking, vertical transportation, schedule, personnel, installation of adjacent materials and substrate.
4. Review procedures for protection of work and other construction.

1.5 SUBMITTALS

A. See Section 01 30 00 - Administrative Requirements for submittal procedures.

B. Product Data - ACM Sheets: Manufacturer's data sheets on each product to be used, including thickness, physical characteristics, and finish, and:
   1. Finish manufacturer's data sheet showing physical and performance characteristics.
   2. Storage and handling requirements and recommendations.
   3. Fabrication instructions and recommendations.
   4. Specimen warranty for finish, as specified herein.

C. Product Data - Wall System: Manufacturer's data sheets on each product to be used, including:
   1. Physical characteristics of components shown on shop drawings.
   2. Storage and handling requirements and recommendations.
   3. Installation instructions and recommendations.
   4. Specimen warranty for wall system, as specified herein.

D. Shop Drawings: Show layout and elevations, dimensions and thickness of panels, connections, details and location of joints, sealants and gaskets, method of anchorage, support clips, number of anchors, supports, reinforcement, trim, flashings, and accessories.
   1. Indicate panel numbering system.
   2. Differentiate between shop and field fabrication.
   3. Indicate substrates and adjacent work with which the wall system must be coordinated.
   4. Include large-scale details of anchorages and connecting elements.
   5. Include large-scale details or schematic, exploded or isometric diagrams to fully explain flashing at a scale of not less than 1-1/2 inches per 12 inches.
   6. Include design engineer's stamp or seal on shop drawings for attachments and anchors.

E. Selection Samples: For each finish product specified, submit at least three sample color chips representing manufacturer's custom range of available colors and patterns.

F. Verification Samples: For each finish product specified, submit at least three samples, minimum size 12 inch square, and representing actual product in color and texture.

G. Design Data: Submit structural calculations stamped by design engineer, for Architect's information and project record.

H. Test Report: Submit report of full-size mock-up tests for air infiltration, water penetration, and wind performance.

I. Manufacturer's Field Reports: Provide within 48 hours of field review. State what was observed and what changes, if any, were requested or required.

J. Installer's qualification statement.

K. Testing agency's qualification statement.

L. Maintenance Data: Care of finishes and warranty requirements.

1.6 QUALITY ASSURANCE

A. Field Measurements: Verify actual dimensions by field measurement before fabrication; show recorded measurements on shop drawings.

B. Design Engineer's Qualifications: Design structural supports and anchorages under direct supervision of a Structural Engineer experienced in design of this type of work and licensed in the State of New York.

C. Manufacturer Qualifications: Company specializing in manufacturing wall panel systems specified in this section.
   1. With not less than five years of documented experience.

D. Installer Qualifications: Company specializing in performing work of type specified in this section.
   1. With minimum three years of documented experience.
   2. Approved by wall panel system manufacturer.

E. Testing Agency Qualifications: Independent agency experienced in testing assemblies of the type required for this project and having the necessary facilities for full-size mock-up testing of the type specified.

1.7 DELIVERY, STORAGE, AND HANDLING

A. See Section 01 74 19 - Construction Waste Management and Disposal for packaging waste requirements.

B. Deliver products in manufacturer's original, unopened, undamaged containers with identification labels intact.
   1. Protect finishes by applying heavy-duty removable plastic film during production.
   2. Package for protection against transportation damage.
   3. Provide markings to identify components consistently with drawings.
   4. Exercise care in unloading, storing, and installing panels to prevent bending, warping, twisting, and surface damage.

C. Store products protected from exposure to harmful weather conditions and at temperature conditions recommended by manufacturer.
   1. Store in well-ventilated space out of direct sunlight.
   2. Protect from moisture and condensation with tarpaulins or other suitable weathertight covering installed to provide ventilation.
   3. Store at a slope to ensure positive drainage of accumulated water.
   4. Do not store in enclosed space where ambient temperature can exceed 120 degrees F.
   5. Avoid contact with other materials that might cause staining, denting, or other surface damage.

1.8 FIELD CONDITIONS

A. Do not install panels when air temperature or relative humidity are outside manufacturer's limits.

1.9 WARRANTY

A. See Section 01 78 00 - Closeout Submittals for additional warranty requirements.

B. Material Warranty: Provide 10 year manufacturer warranty covering delamination of metal bond to the core. Include provisions for fabrication, labor and material to repair or replace ACM panels that exhibits defects within the specified warranty period.

C. Special Warranty: Provide 2-year warranty covering water tightness and integrity of seals of wall panels. Complete forms in Owner's name and register with warrantor.

D. Finish Warranty: Provide 20-year manufacturer warranty against excessive degradation of exterior finish. Include provision for replacement of units with excessive fading, chalking, or flaking. Complete forms in Owner's name and register with warrantor.

PART 2 PRODUCTS

2.1 MANUFACTURERS

A. Metal Composite Material (ACM) Sheet Manufacturers:
1. ALUCOBOND by 3A Composites USA; ALUCOBOND PLUS: www.alucobondusa.com/#sle.
2. Arconic Architectural Products LLC; REYNOBOND 4mm FR Composite Material: www.arconic.com/#sle.
3. Citadel Architectural Products, Inc; Envelope 2000: www.citadelap.com/#sle.

2.2 WALL PANEL SYSTEM

A. Wall Panel System: Metal panels, fasteners, and anchors designed to be supported by framing or other substrate provided by others; provide installed panel system capable of maintaining specified performance without defects, damage, or failure.
1. Provide structural design by or under direct supervision of a Structural Engineer licensed in the State of New York.
2. Provide panel jointing and weatherseal using reveal joints and gaskets but no sealant.
3. Anchor panels to supporting framing without exposed fasteners.

B. PERFORMANCE REQUIREMENTS
1. Thermal Movement: Provide for free and noiseless vertical and horizontal thermal movement due to expansion and contraction under material temperature range of minus 20 degrees F to 180 degrees F without buckling, opening of joints, undue stress on fasteners, or other detrimental effects; allow for ambient temperature at time of fabrication, assembly, and erection procedures.
2. Wind Performance: Provide system tested in accordance with ASTM E330/E330M without permanent deformation or failures of structural members under the following conditions:
   a. Design Wind Pressure: In accordance with local building code.
   b. Maximum deflection of perimeter framing member of L/175 normal to plane of the wall; maximum deflection of individual panels of L/60.
   c. Maximum anchor deflection in any direction of 1/16 inch at connection points of framing members to anchors.
3. Air Leakage: 0.10 cfm/sq ft maximum leakage when tested at 1.57 psf pressure difference in accordance with ASTM E283/E283M.
4. Water Penetration: No water penetration under static pressure when tested in accordance with ASTM E331 at a differential of 10 percent of inward acting design load, 6.27 psf minimum, after 15 minutes.
   a. Water penetration is defined as the appearance of uncontrolled water on the interior face of the wall.
   b. Design to drain leakage and condensation to the exterior face of the wall.

C. PANELS
1. Panels: 2-1/2-inch deep pans formed of metal composite material sheet by routing back edges of sheet, removing corners, and folding edges.
   a. Reinforce corners with riveted aluminum angles.
   b. Provide concealed attachment to supporting structure by adhering attachment members to back of panel; attachment members may also function as stiffeners.

c. Maintain maximum panel bow of 0.8 percent of panel dimension in width and length; provide stiffeners of sufficient size and strength to maintain panel flatness without showing local stresses or read-through on panel face.
d. Secure members to back face of panels using structural silicone sealant approved by ACM sheet manufacturer.
e. Fabricate panels under controlled shop conditions.
f. Where final dimensions cannot be established by field measurement before commencement of manufacturing, make allowance for field adjustments without requiring field fabrication of panels.
g. Fabricate as indicated on drawings and as recommended by ACM sheet manufacturer.
    1) Make panel lines, breaks, curves, and angles sharp and true.
    2) Keep plane surfaces free from warp or buckle.
    3) Keep panel surfaces free of scratches or marks caused during fabrication.
h. Provide joint details providing a watertight and structurally sound wall panel system that allows no uncontrolled water penetration on inside face of panel system.
i. For "dry" jointing, secure extrusions to returned pan edges with stainless steel rivets; provide means of concealed drainage with baffles and weeps for water that might accumulate in members of system.

2.3 MATERIALS

A. Metal Composite Material (ACM) Sheet: Two sheets of aluminum sandwiching a core of extruded thermoplastic material; no foamed insulation material content.
    1. Overall Sheet Thickness: 0.118 inch, minimum.
    2. Bond and Peel Strength: No adhesive failure of the bond between the core and the skin nor cohesive failure of the core itself below 22.4 inch-pound/inch with no degradation in bond performance, when tested in accordance with ASTM D1781, simulating resistance to panel delamination, after 8 hours of submersion in boiling water and after 21 days of immersion in water at 70 degrees F.
    3. Surface Burning Characteristics: Flame spread index of 25, maximum; smoke developed index of 450, maximum; when tested in accordance with ASTM E84.
    4. Flammability: Self-ignition temperature of 650 degrees F or greater when tested in accordance with ASTM D1929.

B. Metal Framing Members: Include sub-girts, zee-clips, base and sill angles and channels, hat-shaped and rigid channels, and furring channels required for complete installation.
    1. Provide material strength, dimensions, configuration as required to meet applied loads and in compliance with applicable building code.

2.4 FINISHES

A. Factory Finish: Two coat fluoropolymer resin coating, approved by coating manufacturer for length of warranty specified for project, and applied by coil manufacturing facility that specializes in coil applied finishes.
    1. Coating Flexibility: Pass ASTM D4145 minimum 1T Bend at time of manufacturing.
    2. Long-Term Performance: Not less than that specified under WARRANTY in PART 1.

B. Fluoropolymer Coil Coating System: Polyvinylidene fluoride (PVDF) multi-coat superior performing organic coatings system complying with AAMA 2605, including at least 70 percent PVDF resin, with at least 80 percent of coil coated metal surfaces having minimum total dry film thickness (DFT) of 0.9 mil, 0.0009 inch; color and gloss as scheduled.

C. Color/Texture: Custom color to match District's Red; manufacturer's standard texture.

2.5 ACCESSORIES

A. General: Provide complete metal wall panel assembly incorporating trim, copings, fascias, parapet caps, soffits, sills, inside and outside corners, and miscellaneous flashings. Provide manufacturer's factory-formed clips, shims, flashings, gaskets, lap tapes, and closure strips for a complete installation. Fabricate and install accessories in accordance with SMACNA Manual.

B. Flashing: Sheet aluminum; 0.040 inch thick, minimum; finish and color to match ACM sheet; see Section 07 62 00 for additional requirements.

C. Support for Cladding and Continuous Insulation: Thermal clips.
   1. Thermally-broken clips that provide attachment support for girts, angles, channels, and other cladding support framing.
   2. Fasteners: As recommended by clip manufacturer.

D. Sealants: See Section 07 92 00

E. Fasteners: Self-tapping screws, bolts, nuts, and other acceptable fasteners recommended by panel manufacturer. Where exposed fasteners cannot be avoided for miscellaneous applications, supply corrosion-resistant fasteners with heads matching color of metal wall panels by means factory-applied coating.

F. Bituminous Coating: Cold-applied asphalt mastic, noncorrosive compound free of asbestos, sulfur, and other deleterious impurities; 15-mil dry film thickness per coat.

PART 3 EXECUTION

3.1 EXAMINATION

A. Examine dimensions, tolerances, and interfaces with other work.

B. Examine substrate on-site to determine that conditions are acceptable for product installation in accordance with manufacturer's written instructions.

C. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

D. Notify Architect in writing of conditions detrimental to proper and timely completion of work, and do not proceed with erection until unsatisfactory conditions have been corrected.

3.2 PREPARATION

A. Protect adjacent work areas and finish surfaces from damage during installation.

3.3 INSTALLATION

A. Do not install products that are defective, including warped, bowed, dented, and broken members, and members with damaged finishes.

B. Comply with instructions and recommendations of ACM sheet manufacturer and wall system manufacturer, as well as with approved shop drawings.

C. Install wall system securely allowing for necessary thermal and structural movement; comply with wall system manufacturer's instructions for installation of concealed fasteners.

D. Do not handle or tool products during erection in manner that damages finish, decreases strength, or results in visual imperfection or failure in performance. Return component parts that require alteration to shop for refabrication, if possible, or for replacement with new parts.

E. Do not form panels in field unless required by wall system manufacturer and approved by the Architect; comply with ACM sheet manufacturer's instructions and recommendations for field forming.

F. Separate dissimilar metals; use gasket fasteners, isolation shims, or isolation tape where needed to eliminate possibility of electrolytic action between metals.

G. Install flashings as indicated on shop drawings. At flashing butt joints, provide a lap strap under flashing and seal lapped surfaces with a full bed of non-hardening sealant.

H. Install square, plumb, straight, and true, accurately fitted, with tight joints and intersections maintaining the following installation tolerances:
   1. Variation From Plane or Location: 1/2 inch in 30 feet of length and up to 3/4 inch in 300 feet, maximum.
   2. Deviation of Vertical Member From True Line: 0.1 inch in 25 feet run, maximum.
   3. Deviation of Horizontal Member From True Line: 0.1 inch in 25 feet run, maximum.
   4. Offset From True Alignment Between Two Adjacent Members Abutting End To End, In Line: 0.03 inch, maximum.

I. Replace damaged products.

3.4 CLEANING

A. Ensure weep holes and drainage channels are unobstructed and free of dirt and sealants.

B. Remove protective film after installation of joint sealers, after cleaning of adjacent materials, and immediately prior to completion of work.

C. Remove temporary coverings and protection of adjacent work areas.

D. Clean installed products in accordance with manufacturer's instructions.

3.5 PROTECTION

A. Protect installed panel system from damage until Date of Substantial Completion.

END OF SECTION

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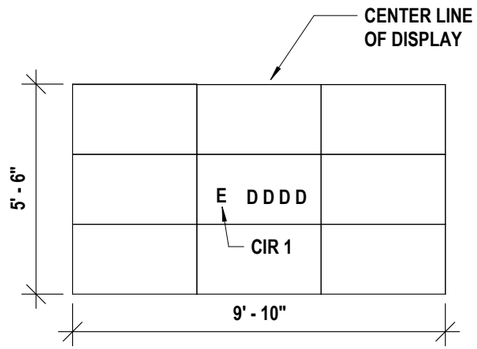
PROVIDE 3X3 2.6 RZR LED WALL (9' 10-1/8" X 5' 6-7/16") AND ASSOCIATED EQUIPMENT BY REFRESH LED. PROVIDE (1) DEDICATED 120V 20A CIRCUIT FED FROM NEAREST PANEL TO (1) NEMA 5-20 OUTLET AT LED WALL. PROVIDE (4) SHIELDED CAT6 LINES FROM A/V HEAD END LOCATION INDICATED ON WALL FACE. COORDINATE FINAL LOCATIONS WITH INTEGRATOR. COORDINATE WITH OTHER TRADES FOR INSTALLING LED WALL IN NEW WALL SYSTEM BY OTHERS.

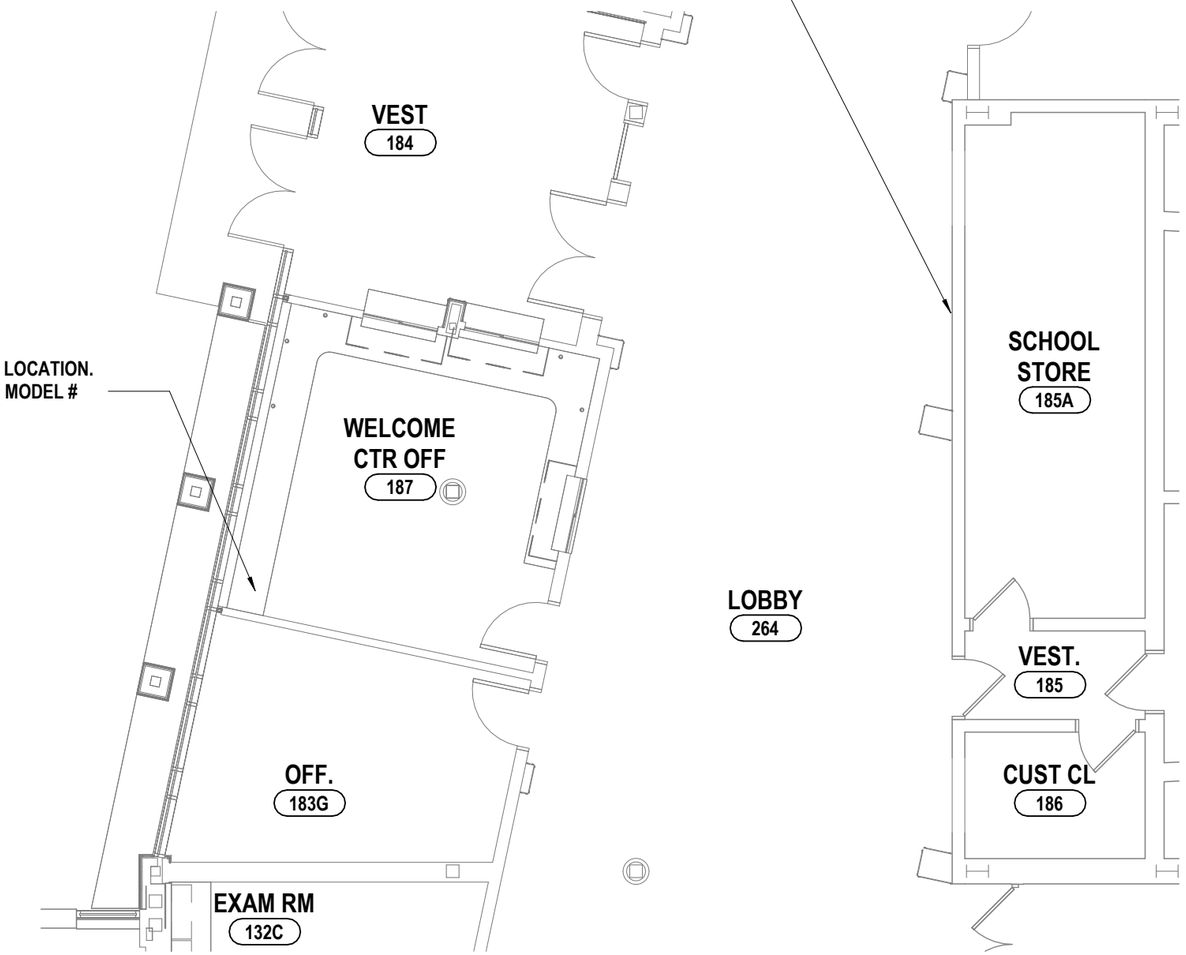


E: ELECTRICAL RECESSED OUTLET LOCATION
D: CAT6 SHIELDED LOCATION, TERMINATE BOTH ENDS TO MALE RJ45, LEAVE ENOUGH CABLE LENGTH TO REACH ALL POINTS OF THE DISPLAY

VERIFY FINAL LOCATIONS WITH INTEGRATOR

2 LOBBY DISPLAY DETAIL
1/4" = 1'-0"

NEW A/V HEAD-END EQUIPMENT LOCATION.
PROVIDE PANDUIT ENCLOSURE: MODEL # PZWMC9W



1 LOBBY A/V PLAN
1/8" = 1'-0"

DRAWN BY:	CSH
CHECKED BY:	SCC
DATE:	02/24/26

HUNT ENGINEERS | ARCHITECTS | SURVEYORS
ALBANY, NY - BINGHAMTON, NY - HORSEHEADS, NY - ROCHESTER, NY
TOWANDA, PA - WILLIAMSPORT, PA
WWW.HUNT-EAS.COM 607 - 358 - 1000
NY CERTIFICATE NO. 0018220 PA CERTIFICATE NO. TSC22031314641

LOBBY A/V PLAN

EHS 2025 CAPITAL IMPROVEMENTS
ELMIRA CITY SCHOOL DISTRICT
777 SOUTH MAIN STREET ELMIRA, NY 14904

AD3-T1

PROJECT NO: 2012-242