

BID ADDENDUM NO. 1

March 23, 2026
Elmira City School District
Elementary Schools 2026 Renovations
HUNT No.: 2012-255

SED # 07-06-00-01-0-008-016 – Fassett Elementary School
SED # 07-06-00-01-0-002-020 – Coburn Elementary School
SED # 07-06-00-01-0-005-018 – Beecher Elementary School
SED # 07-06-00-01-0-038-034 – Ernie Davis Academy

The following Addendum items shall be considered a part of the contract documents prepared by HUNT ENGINEERS, ARCHITECTS, LAND SURVEYORS & LANDSCAPE ARCHITECT, DPC.
Bid Document date of **December 12, 2025**; Issued For Bid **February 25, 2026**.

Clarifications issued by this Addendum:

1. None

Project Manual Sections issued by this Addendum:

23 81 23.16 – Computer-Room Air-Conditioners High Wall
32 18 23.59 – Synthetic Court Surfacing
32 91 19 – Landscape Grading

Drawings issued by this Addendum:

AD1-A1 - CB-TYPICAL EXISTING WINDOW DETAIL
AD1-A2 – FS-SECONDFLOOR AND WALL FINISH PLAN REVISION

Revisions to Project Manual issued by this Addendum:

ITEM AD1-1 Refer to Section 00 01 12 – TABLE OF CONTENTS

ADD Specification Section 23 81 23.16-Computer-Room Air-Conditioners High Wall,
issued by this addendum.

ITEM AD1-2 Refer to Section 00 01 12 – TABLE OF CONTENTS

ADD Specification Section 32 18 23.59 – Synthetic Court Surfacing, *issued by this addendum.*

ITEM AD1-3 Refer to 01 32 16 – Construction Progress Schedule

ADD Bullet under heading, “• Beecher – June 29 – August 28, 2026” to read:
“■ Roof Replacement”

ITEM AD1-4 Refer to 01 32 16 – Construction Progress Schedule

DELETE Bullet under heading, “• Beecher – June 29 – August 28, 2026” that reads:
“■ Corridor Flooring Removal and Replacement”

ITEM AD1-5 Refer to 01 32 16 – Construction Progress Schedule

ADD Bullet under heading, “• Beecher – June 28 – August 20, 2027” to read:
“■ Corridor Flooring Removal and Replacement”

ITEM AD1-6 Refer to Section 32 91 19 – LANDSCAPE GRADING

DELETE Specification Section 32 91 19 – Landscape Grading, *in its entirety*
ADD Specification Section 32 91 19 – Landscape Grading, *issued by this addendum.*

Revisions to Drawings issued by this Addendum:

ITEM AD1-7 Refer to BC-A0.1 – BC-A0.5 – ARCHITECTURAL DEMOLITION SERIES

AMEND Demolition Note “D6” to read:
“REMOVE SINK BASE, COUNTERTOP, AND ASSOCIATED ACCESSORIES TO
EXTENTS SHOWN. ADJACENT WOOD CABINETS TO REMAIN. REFER TO
BC-A5.1 FOR CASEWORK TO REMAIN”

ITEM AD1-8 Refer to BC-A0.1 – BC-A0.5 – ARCHITECTURAL DEMOLITION SERIES

AMEND Demolition Note “D20” to read:
“ALT# BC-2 REPLACE TRASLUSANT CANOPY GASKETING IN ITS
ENTIERTY. EXISTING CANOPY MULLIONS AND PANELS TO REMAIN.”

ITEM AD1-9 Refer to BC-A0.2 – FIRST FLOOR DEMO PLAN - AREA B

ADD Demolition Note “D6” to Room 101-FACULTY

ITEM AD1-10 Refer to BC-A0.3 – FIRST FLOOR DEMO PLAN - AREA C

AMEND Demolition Note “D2” in room x104-CORR on detail #1 to read: “D9”

ITEM AD1-11 Refer to BC-A1.0 - BC-A1.5 – ARCHITECTURAL FLOOR PLAN SERIES

DELETE Plan Drawing Note “10”

ITEM AD1-12 Refer to BC-A1.1 – FIRST FLOOR PLAN - AREA A

DELETE Plan call out on detail 1, labeled: “4/BC-A6.1”

ITEM AD1-13 Refer to BC-A1.1 – FIRST FLOOR PLAN - AREA A

DELETE Section call out on detail 1, labeled: “5/BC-A6.1”

ITEM AD1-14 Refer to BC-A1.1 – FIRST FLOOR PLAN - AREA A

DELETE Plan Drawing Note “10” from detail 1

ITEM AD1-15 Refer to BC-A3.1 - BC-A3.2 – ARCHITECTURAL EXTERIOR ELEVATIONS

ADD Exterior Elevation General Notes list to sheets as follows:

EXT. ELEVATION GENERAL NOTES (BEECHER):

- A APPROXIMATE CUMULATIVE QUANTITY OF BUILDING EXPANTION JOINT
BUILDING WIDE: 32 LF
- B APPROXIMATE CUMULATIVE QUANTITY OF MASONRY CONTROL JOINT
BUILDING WIDE: 420 LF
- C APPROXIMATE CUMULATIVE QUANTITY OF BRICK REPOINTING
BUILDING WIDE: 710 SF
- D APPROXIMATE CUMULATIVE QUANTITY OF STONE REPOINTING
BUILDING WIDE: 70 SF

ITEM AD1-16 Refer to BC-A2.1 – FIRST FLOOR REFLECTED CEILING PLAN - AREA A
DELETE Three instances of RCP drawing note “1” from Room C108-ART

ITEM AD1-17 Refer to BC-A2.5 – SECOND & THIRD FLOOR REFLECTED CEILING PLAN - AREA B
ADD RCP drawing note “2” to Room 228-CLASSROOM

ITEM AD1-18 Refer to BC-A8.2 – FIRST FLOOR & WALL FINISH PLAN - AREA B & C
ADD Construction Note - Interior Wall Finish “W3” to Room 101-FACULTY

ITEM AD1-19 Refer to BC-A8.2 – FIRST FLOOR & WALL FINISH PLAN - AREA B & C
ADD Construction Note - Interior Wall Finish “W4” to Room 101-FACULTY

ITEM AD1-20 Refer to BC-A8.2 – FIRST FLOOR & WALL FINISH PLAN - AREA B & C
ADD Construction Note - Interior Floor Finish “F5” to Room 101-FACULTY

ITEM AD1-21 Refer to BC-A8.3 – SECOND & THIRD FLOOR & WALL FINISH PLAN - AREA A & B
ADD Construction Note - Interior Wall Finish “W3” to Room 209-12:1:1

ITEM AD1-22 Refer to BC-A8.3 – SECOND & THIRD FLOOR & WALL FINISH PLAN - AREA A & B
ADD Construction Note - Interior Wall Finish “W4” to Room 209-12:1:1

ITEM AD1-23 Refer to BC-A8.3 – SECOND & THIRD FLOOR & WALL FINISH PLAN - AREA A & B
ADD Construction Note - Interior Floor Finish “F5” to Room 209-12:1:1

ITEM AD1-24 Refer to BC-P0.1 – FIRST FLOOR DEMOLITION PLAN - AREA A
DELETE Demolition Notes “D1” from room 107-COMPUTER CLASSROOM

ITEM AD1-25 Refer to BC-P1.1 – FIRST FLOOR PLAN - AREA A
DELETE Construction Notes “3” and tag “SK-3” from room 107-COMPUTER CLASSROOM

ITEM AD1-26 Refer to CB-A1.10Alt #CB-1 - ENLARGED PLAN & DETAILS
AMEND Note on detail 6 that reads, “1 7/8” DYNAPLANK FRP PULTRUTED DECK BOARDS”
to read:
“1 1/2” FRP DECK, SEE SECTION 06 74 00”

ITEM AD1-27 Refer to CB-A3.1 – EXTERIOR ELEVATIONS
ADD Exterior Elevation General Notes list to sheets as follows:

EXT. ELEVATION GENERAL NOTES (COBURN):

- A APPROXIMATE CUMULATIVE QUANTITY OF CMU REPOINTING BUILDING WIDE: 50 SF
- B APPROXIMATE CUMULATIVE QUANTITY OF MASONRY CONTROL JOINT BUILDING WIDE: 545 LF
- C APPROXIMATE CUMULATIVE QUANTITY OF BRICK REPOINTING BUILDING WIDE: 1,175 SF
- D APPROXIMATE CUMULATIVE QUANTITY OF STONE REPOINTING BUILDING WIDE: 170 SF

ITEM AD1-28 Refer to CB-A3.1 - SCHEDULES & DETAILS

ADD Text note on 3/CB-A3.1 that reads:
"REPLACE DAMAGED STONE, APPROX 128 SF".

ITEM AD1-29 Refer to CB-A3.1 - EXTERIOR ELEVATIONS

AMEND Text note: "REPLACE CRACKED WATERTABLE, REFER TO _/A6._" To read as:
"REPLACE CRACKED WATERTABLE, REFER TO 8/CB-A6.1"

ITEM AD1-30 Refer to CB-A6.1 - SCHEDULES & DETAILS

ADD Detail, 8/AD1-A1 - TYPICAL EXISTING WINDOW DETAIL" to sheet, *issued by this addendum.*

ITEM AD1-31 Refer to FS-A3.1 - FS-A3.2 - ARCHITECTURAL EXTERIOR ELEVATIONS

ADD Exterior Elevation General Notes list to sheets as follows:

EXT. ELEVATION GENERAL NOTES (FASSETT):

- A APPROXIMATE CUMULATIVE QUANTITY OF BUILDING EXPANTION JOINT BUILDING WIDE: 30 LF
- B APPROXIMATE CUMULATIVE QUANTITY OF MASONRY CONTROL JOINT BUILDING WIDE: 495 LF
- C APPROXIMATE CUMULATIVE QUANTITY OF BRICK REPOINTING BUILDING WIDE: 336 SF
- D APPROXIMATE CUMULATIVE QUANTITY OF STONE REPOINTING BUILDING WIDE: 70 SF

ITEM AD1-32 Refer to FS-A3.2 - SCHEDULES & DETAILS

AMEND Detail 7 text note, "LOUVERS IN STAIRWELL" to read as:
"LOUVERS IN STAIRWELL, APPROX. 64 SF TOTAL".

ITEM AD1-33 Refer to FS-A3.2 - SCHEDULES & DETAILS

ADD note 3 to detail 6, with leaders pointing to wall surrounding diagonally hatched wall on rightmost portion of detail.

ITEM AD1-34 Refer to FS-A3.2 - SCHEDULES & DETAILS

ADD Text note in detail 6 next to note "3" that reads:

“APPROX SF FOR MASONRY RESTORATION: 500 SF”.

ITEM AD1-35 Refer to FS-A6.1 - SCHEDULES & DETAILS

AMEND Text note in detail 2 “NEW WELDED STL. PLATE” To read:
“EXG WELDED STL. PLATE”

ITEM AD1-36 Refer to CB-A8.2 – FIRST FLOOR FINISH PLAN - AREA B2

ADD Construction Note - Interior Floor Finish “8” to Room 109a-OFFICE.

ITEM AD1-37 Refer to FS-A8.4 – SECOND FLOOR AND WALL FINISH PLAN - AREA A

AMEND Detail 1 per detail 1/AD1-A2, *issued by this addendum.*

ITEM AD1-38 Refer to FS-A8.5 – SECOND FLOOR AND WALL FINISH PLAN - AREA B

AMEND Blank Elevation Mark - Room B217 – SPECIAL ED CLASSROOM on detail 1/FS-A8.5 to read, “22/A5.1^{MIR}”

End of Addendum 1

SECTION 23 81 23.16
COMPUTER-ROOM AIR-CONDITIONERS HIGH WALL

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Self-Contained cooling units.
- B. Controls.

1.2 RELATED REQUIREMENTS

- A. Section 23 31 00 - HVAC Ducts and Casings.

1.3 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide rated capacities, weights, accessories, electrical nameplate data, and wiring diagrams.
- C. Shop Drawings: Indicate assembly, required clearances, and location and size of field connections.
- D. Design Data: Indicate refrigerant pipe sizing.
- E. Manufacturer's Instructions: Indicate rigging, assembly, and installation instructions.
- F. Operation and Maintenance Data: Include manufacturer's descriptive literature, operating instructions, installation instructions, maintenance and repair data, and parts listing.
- G. Warranty: Submit manufacturers warranty and ensure forms have been filled out in Owner's name and registered with manufacturer.
- H. Project Record Documents: Record actual locations of components and connections.

1.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing the type of products specified in this section, with minimum three years of documented experience.
- B. Installer Qualifications: Company specializing in performing the work of this section with minimum 3 years of experience and approved by manufacturer.

1.5 WARRANTY

- A. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.
- B. Provide two year manufacturers warranty for complete system.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Liebert, a brand of Vertiv Co: www.vertivco.com/#sle.

- B. Or Approved Equal.
- C. Substitutions: See Section 01 60 00 - Product Requirements.

2.2 SYSTEM DESIGN

- A. Self-Contained Cooling Units: Self-contained, packaged pre-wired indoor rack mounted cooling unit; UL listed.
 - 1. Heating: None.
 - 2. Cooling: Self-contained R32 refrigerant based.
- B. Split-System Cooling Units: Self-contained, packaged, matched factory-engineered and assembled, pre-wired indoor and outdoor units; UL listed.
 - 1. Heating: None.
 - 2. Cooling: Outdoor electric condensing unit with evaporator coil in central ductless rack mounted indoor unit.
 - 3. Provide refrigerant lines internal to units and between indoor and outdoor units, factory cleaned, dried, pressurized and sealed, with insulated suction line.
- C. Performance Requirements: See Drawings for additional requirements.

2.3 INDOOR UNIT - HIGH WALL

- A. Basis of Design: Vertiv
- B. Evaporator Construction
 - 1. All cabinet panels shall be painted, hot-dip galvanized sheet metal, with side panel covered with insulation cotton.
 - 2. The uni shall be equipped with two wall-mounted brackets to facilitate on-site service personnel with mounting the evaporator section to the wall.
 - 3. On the left and right sides of the indoor unit, there are drainage quick connectors, air pipe quick joints and liquid pipe quick connectors, which are convenient for the flexible pipe wiring on the site and connect the indoor unit and the outdoor unit.
- C. Cabinet Serviceability and Accessibility
 - 1. The evaporator cabinet shall be designed so all components are easily accessible for service and maintenance through either the front or side of the unit.
 - 2. The upper front cover of the unit opens, allowing easy access to the filter and temperature and humidity detection board.
 - 3. The left side panel is removable with maintenance access to refrigerant leak sensors, EEV, temperature and pressure sensors, filter driers, water level detection boards and other electrical components, so that field service personnel can quickly replace these components.
- D. Fan Section
 - 1. The units are equipped with direct-driven centrifugal fans with backward-curved blades and electronically commutated DC motors. The fan speed shall be variable and automatically regulated by the ICOM Edge through all modes of operations. Each fan shall have a dedicated motor, fault monitoring circuitry and speed controller which provides a level of redundancy for models with multiple fans. The entire fan assembly shall be removed from the front of the cabinet.
 - 2. Return air to the evaporator shall be through the front, towards the top of the cabinet. The supply air shall be horizontal, near the bottom of the cabinet.
 - 3. The evaporator fan output adjustment range is 40%-100%
- E. Refrigeration System

1. A single refrigeration circuit shall include factory installed evaporator coil, electronic expansion valve, low pressure switch, fans, and refrigerant check valve. The indoor evaporator refrigerant piping shall be spun shut with a nitrogen holding charge. Field relief of the Schrader valve shall indicate a leak-free system. The evaporator unit shall be powered by the condensing unit or a separate source.
- F. Evaporator Coil
1. The evaporator shall be constructed of copper tubes and hydrophilic-coated aluminum fins.
- G. Electronic Expansion Valve
1. The Electronic Expansion Valve (EEV) shall be designed for precise modulation of refrigerant mass flow in response to varying system loads. The EEV shall incorporate sensors for simultaneous collection of temperature and pressure signals to accurately regulate refrigerant flow. The valve shall operate within a wide envelope, enabling it to reduce condensing pressure when conditions allow.
- H. Refrigerant Filter Drier
1. A factory installed filter drier shall be designed to remove moisture and contaminants from the refrigeration system that may otherwise clog or damage the refrigeration system.
- I. R32 Refrigerant
1. The system shall use R32 refrigerant, with a GWP100 of 675. Refrigerant shall be field supplied and field charged.
- J. Air Filtration
1. The filter channel shall be located inside the evaporator cabinet. The filters shall be washable mesh structures, including filter clog alarm and maintenance warnings.

2.4 CONDENSING UNIT

- A. Standard Features
1. TCP coated micro channel coil, axial EC fan, electrical controls and housing.
 2. Unit shall operate between -31 to 118 degrees F.
- B. Cabinet
1. Galvanized steel and divided into separate fan chambers and compressor chambers by partitions. Internal structural supports shall be galvanized steel and outer surface shall be powder coated.
 2. The service panel shall be located on the compressor chamber side.
 3. IPX4 waterproof electric control box.
- C. Fan
1. Unit shall consist of and EC fan, EC motor, fan blades and fan/finger guard.
 2. Fan terminal blocks shall be located in an IP54 enclosure.
 3. EC fan output adjustment range is 10%-100%
- D. Rotary Compressor
1. Rotary type, suitable for operation with an inverter drive to adjust capacity
 2. Output: 20%-100%
- E. Electrical Controls:
1. Controls and service connection terminals shall be factory-wired inside the control section. Only high-voltage supply wiring and low-voltage indoor unit communication wiring shall be required at condensing unit installation.

2. Controls to include an inverter, EC fan motor, discharge temperature sensor and refrigerant pressure transducers. The inverter board shall receive an indoor unit run signal via field-supplied low voltage interlock wires to the compressor side switch via field supplied RS485 communication wires from the indoor units ICOM Edge or via both. The inverter board shall use refrigerant transducer and communication inputs to maintain system pressure by controlling the EC fan.
3. The condensing unit uses a variable frequency drive to control the frequency of the compressor.
4. If a refrigerant leak is detected the compressor shall stop. The indoor fans start and the outdoor fans shall shut down

2.5 ICOM EDGE CONTROL

- A. Display
 1. 128x64 dot screen with white backlight, symbolic representation of unit functions, diagnostics feature. A buzzer provides audible indication in case of the "Warning" or "Alarm" event.
- B. Communication Interfaces
 1. Remote shutdown terminal shall provide a location to remotely shut down the unit.
 2. Common alarm contact shall provide a set of normally open contacts for remote indication of unit alarms
 3. IntelliSlot Unity Card (IS-UNITY-DP) shall provide ground fault isolated RS-485 Modbus, BACnet IP and Modbus IP network connectivity to the BMS for unit monitoring and management. Also, it shall provide ground fault isolated 10/100BASE-T Ethernet connectivity for unit monitoring and management. The supported management interfaces include SNMP for Network Management Systems, HTTP for web page viewing, SMTP for e-mail and SMS mobile messaging. The card shall support IP and 485 Protocols simultaneously.
- C. R32
 1. The unit shall be equipped with refrigerant leak detection sensors for real time monitoring of refrigerant leaks.
 2. When the unit detects that the refrigerant concentration in the air exceeds the threshold, it will shut down the compressor and control the internal fan to operate at high speed to reduce the ambient refrigerant concentration and an alarm shall be announced on the local display through monitoring.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify that substrates are ready for installation of units and openings are as indicated on shop drawings.
- B. Verify that proper power supply is available and in correct location.

3.2 INSTALLATION

- A. Install in accordance with manufacturer's instructions and requirements of local authorities having jurisdiction.
- B. Install in accordance with NFPA 90A and NFPA 90B.
- C. Install refrigeration systems in accordance with ASHRAE Std 15.
- D. Pipe drain from cooling coils to nearest floor drain.

END OF SECTION

SECTION 32 18 23.59
SYNTHETIC COURT SURFACING

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Acrylic Athletic Court Resurfacer.
- B. Acrylic Athletic Court Color Finish Coat.
- C. Acrylic Athletic Court Line Paint.

1.2 SUBMITTALS

- A. Product data including technical data sheets for all components used in acrylic color surfacing system.
- B. Certification that materials meet or exceed the requirements specified.
- C. Color samples and complete specifications of acrylic color system proposed.
- D. Installer's Qualification Statement.

1.3 QUALITY ASSURANCE

- A. Installer must be a member of American Sports Builders Association.
- B. All system components shall be free of asbestos, lead, and mercury.
- C. Water used in all mixtures shall be fresh and potable.
- D. No part of the surfacing system shall be applied during a rainfall, or when rainfall is imminent.
- E. Do not apply coatings to a cold surface. Surface and air temperatures must be a minimum of 50 degrees F and rising.
- F. No coatings shall be applied if surface temperatures exceed 130 degrees F.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. All materials shall be delivered to the job site in sealed containers with manufacturer's label affixed.
- B. Store products between 40 and 90°F prior to application.

1.5 WARRANTY

- A. Contractor shall warrant the surface installation against faulty materials or workmanship for a period of two years from the date of acceptance by the Owner. Any defects occurring during the warranty period shall be promptly repaired upon notification at no cost to the Owner.

PART 2 PRODUCTS

2.1 BASIS OF DESIGN

- A. Advanced Polymer Technology; Laykold Advantage Color System: www.advpolytech.com.

2.2 SYSTEM COMPONENTS

- A. Resurfacer and Filler
 1. Sand-filled 100% acrylic emulsion to fill and smooth rough pavements.
 2. Single- or multi-coat application.
 3. Percent solids by weight 52% Minimum.
 4. Weight: 10.68 lbs/gal.
 5. Color: Same as finish coat.
 6. Product: Laykold Advantage NuSurf.
- B. Color Finish Coat
 1. Sand-filled pigmented wear-resistant acrylic emulsion.
 2. Two coats.
 3. Percent solids by weight 49% minimum.
 4. Weight: 12.9 (+/-3) lbs/gal.
 5. Color: As selected by owner from manufacturer's standard colors..
 6. Product: Laykold Advantage Color.
- C. Line Paint
 1. Factory textured, wear-resistant acrylic emulsion line marking paint.
 - a. One coat hand painted or two coats if rolled.
 - b. Spray application not permitted.
 2. Percent solids by weight 67% minimum.
 3. Weight: 11.4 lbs/gal.
 4. Color: White.
 5. Product: Laykold Acrylic Paint.

PART 3 EXECUTION

3.1 PREPARATION

- A. Follow manufacturer's preparation procedures.
- B. New asphalt substrates shall be allowed to cure a minimum of 30 days prior to application of any coatings.
- C. The substrate shall be clean and dry before coatings are applied. The surface of the substrate shall be inspected and free of grease, oil, dust, dirt and other foreign matter before any coatings are applied.
- D. Pressure wash entire court surface to remove all mildew, mold and debris using a rotating high pressure washing head capable of producing heated water. Utilize water reclamation and filtration systems to conserve water and reduce water runoff. Soiled water and debris must be contained and not allowed to run off into surrounding areas.
- E. Flood entire court surface with the Owner or Owner's representative present. After one hour of 70 degree sunny temperatures any depressions holding more than a nickel laying flat, will be defined and receive a shim of acrylic Leveling binder patch. Re-flood designated area to insure it is within tolerance. the finished surface shall have no depressions or ridges exceeding one eighth (1/8) inch in ten (10) feet. Clean and fill structural cracks with crack & leveling binder patch.

3.2 INSTALLATION

- A. Mix and apply acrylic resurfacer /filler per manufacturer's instructions. Court surfaces shall match existing colors.
 - 1. One coat on existing asphalt.
 - 2. Two coats on new asphalt.
 - a. Second coat shall be pulled 90 degrees to the first coat.

- B. Apply acrylic color finish in two coats per manufacturer's instructions. Courts shall be same color as filler coats.
 - 1. All color pigmented by the manufacturer. The use of neutral material pigmented on site will not be allowed.
 - 2. All acrylic color material must be mixed using a motor agitation system having a minimum capacity of 165 gallons.
 - 3. Color: Playing court and out of bounds area color to match existing, and to be approved by Owner.
 - 4. Mask and hand paint courts with acrylic white line paint two inches wide per USTA standards, accurately located and marked in accordance with rules of the high school tennis. No spraying of the line paint will be allowed.

END OF SECTION

SECTION 32 91 19
LANDSCAPE GRADING

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Topsoil placement.
- B. Finish grading.

1.2 RELATED REQUIREMENTS

- A. Section 31 22 00 - Grading.
- B. Section 31 23 23 - Fill.

1.3 REFERENCE STANDARDS

- A. ASTM D2487 - Standard Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System); 2017, with Editorial Revision (2020).
- B. ASTM D5268 - Standard Specification for Topsoil Used for Landscaping and Construction Purposes; 2023.
- C. ASTM F1647 - Standard Test Method for Organic Matter Content of Athletic Field Rootzone Mixes; 2011 (Reapproved 2018).

1.4 SUBMITTALS

- A. Project Record Documents: Accurately record actual locations of utilities remaining by horizontal dimensions, elevations or inverts, and slope gradients.
- B. Soil Samples: 10 pounds sample of each type of topsoil; submit in air-tight containers to testing laboratory.
 - 1. Provide test of topsoil at a rate of one sample per 100 cubic yards.
 - 2. Stockpiled on-site topsoil shall be sampled from multiple locations within the stockpile.
- C. Field Quality Control Submittals: Topsoil depth measurements.

1.5 FIELD CONDITIONS

- A. Place topsoil during dry weather.

PART 2 PRODUCTS

2.1 MATERIALS

- A. Topsoil: Comply with ASTM D5268.
- B. Topsoil: Topsoil excavated on-site, tested and amended as required to meet the following:.
 - 1. Select.
 - 2. Handle excavated topsoil in accordance with Section 31 22 00 - Grading.
 - 3. Double screened on site prior to placement.

4. Free of roots, rocks larger than 1/2 inch, subsoil, debris, large weeds and foreign matter, including but not limited to woody material, trash and glass.
 5. Acidity range (pH) of 5.5 to 7.5.
 6. Complying with ASTM D2487 Group Symbol OH.
 7. Disturbed soil shall be minimally mechanically raked to smooth soil and remove stone.
- C. Topsoil: Friable loam; imported borrow.
1. Select.
 2. Free of roots, rocks larger than 1/2 inch, subsoil, debris, large weeds and foreign matter.
 3. Acidity range (pH) of 5.5 to 7.5.
 4. Containing a minimum organic matter of 4 percent of total content by volume, when tested in accordance with ASTM F1647, Test Method A.
 5. Complying with ASTM D2487 Group Symbol OH.
 6. USDA Textural Soil Classification: Percentage of clay, silt, and sand; defined as Sandy Loam.
 - a. Assume 1:3 sand to topsoil ratio to meet requirements.
 7. Investigate imported soil supply prior to bidding and include necessary amendments.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify grading and intended elevations are as indicated on drawings.
- B. Verify absence of standing or ponding water.

3.2 PREPARATION

- A. Protect site features to remain, including bench marks, survey control points, existing structures, fences, sidewalks, paving, and curbs.
- B. Protect trees, plants, lawns, rock outcroppings, and other features to remain.
- C. Remove debris, roots, branches, stones, in excess of 1/2 inch in size.
- D. Scarify trafficked surface to a minimum depth of 8 inches.
- E. Follow State's best practice for decompaction and deep ripping all surfaces impacted by construction.
- F. Grade substrate, see Section 31 22 00.

3.3 TOPSOIL PLACEMENT

- A. Uniformly distribute and spread topsoil.
- B. Place topsoil in areas where seeding, sodding, and planting as indicated on drawings.
- C. Place topsoil to the following compacted thicknesses:
 1. Areas Indicated Aerate, Topdress and Overseed: 1/4 inch.
 2. Areas Indicated Seeded with Grass: 6 inches.
 3. Areas Indicated as Sodded: 4 inches.
 4. Shrub Beds: 18 inches.
 5. Flower Beds: 12 inches.

3.4 FINISH GRADING

- A. Maintain profiles and contour of subgrade.

- B. Remove roots, weeds, rocks, and foreign material while spreading.
- C. Maintain uniform topsoil thickness.
- D. Lightly compact placed topsoil.
- E. Regrade or add topsoil where settling occurs during lawn establishment.

3.5 TOLERANCES

- A. Topsoil Thickness: 1/2 inch plus/minus.

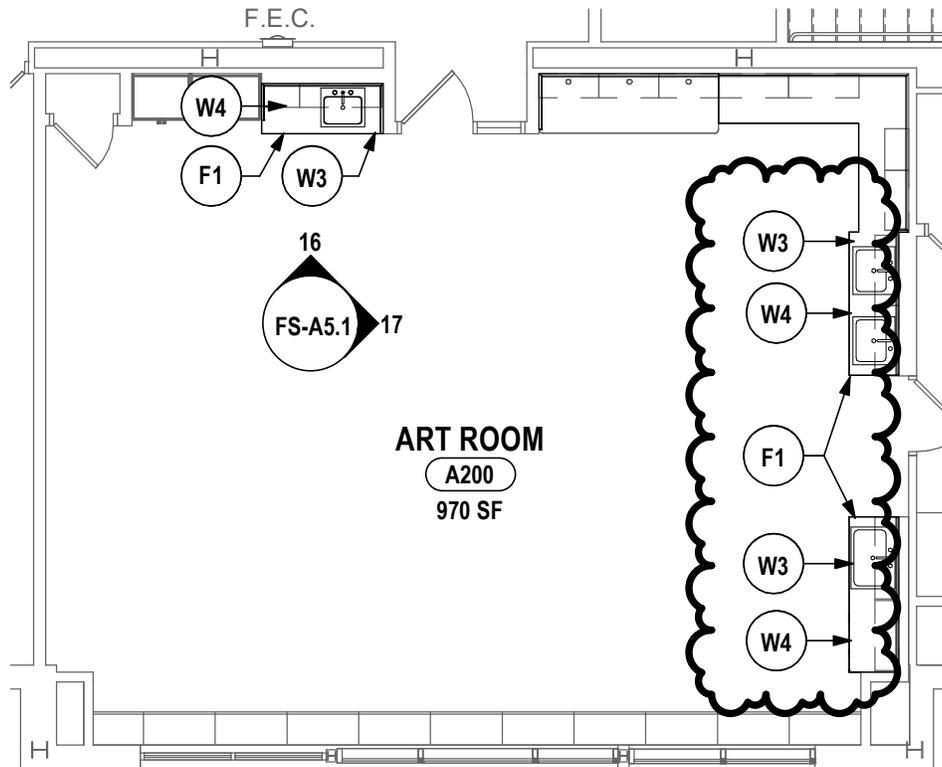
3.6 CLEANING

- A. See Section 01 70 00 - Execution and Closeout Requirements for additional requirements.
- B. Remove unused topsoil. Grade stockpile area to prevent standing water.

3.7 PROTECTION

- A. Protect from stormwater runoff and subsequent construction operations.
- B. Do not permit traffic until established.
- C. Provide appropriate stakes, flags, or signage along sidewalk(s) or other areas where foot or vehicle traffic is possible until lawn is established.

END OF SECTION



1 SECOND FLOOR AND WALL FINISH PLAN - REVISION
 1/8" = 1'-0"

**FS-SECOND FLOOR AND WALL FINISH PLAN REVISION
 ELEMENTARY SCHOOLS 2026 RENOVATIONS
 ELMIRA CITY SCHOOL DISTRICT**

430 W Washington Ave, Elmira, NY 14901

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AD1-A2

DATE:
03/19/26

PROJECT NO:
2012-255