
CONTRACT ADDENDUM

date: 04/29/2022
project: LCSD ECC – Pre-school Addition
by: Stephen Williams
subject: Addendum 02

The Work shall be carried out in accordance with the following supplemental instructions issued in accordance with the Contract Documents. Prior to proceeding in accordance with these instructions, indicate your acceptance of these instructions for minor change to the work as consistent with the Contract Documents and return a copy to the Architect.

Specifications:

AD2.01 Section 09 5100 – ACOUSTICAL CEILINGS
1. Updated Basis of Design Information

1 - General Sheets:

(None)

2 – Civil Sheets:

(None)

3 – Landscape Sheets:

(None)

4 – Structural Sheets:

AD2.02 S-101: FOOTING AND FOUNDATION PLAN
1. Updated foundation wall elevations

5 – Architectural Sheets:

(None)

6 – Mechanical Sheets:

AD2.03 Attached Prior Approvals

7 – Electrical Sheets:

(None)

8 - Kitchen Sheets:

(None)

END OF ADDENDUM 01

Stephen Williams 4.29.2022

ISSUED BY Date
Architect

ACCEPTED BY Date
Contractor

**SECTION 09 5100
ACOUSTICAL CEILINGS**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Suspended metal grid ceiling system.
- B. Acoustical units.

1.02 RELATED REQUIREMENTS

- A. Section 23 3700 - Air Outlets and Inlets: Air diffusion devices in ceiling.
- B. Section 26 5100 - Interior Lighting: Light fixtures in ceiling system.

1.03 REFERENCE STANDARDS

- A. ASTM C635/C635M - Standard Specification for the Manufacture, Performance, and Testing of Metal Suspension Systems for Acoustical Tile and Lay-in Panel Ceilings 2017.
- B. ASTM C636/C636M - Standard Practice for Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-In Panels 2019.
- C. ASTM E580/E580M - Standard Practice for Installation of Ceiling Suspension Systems for Acoustical Tile and Lay-in Panels in Areas Subject to Earthquake Ground Motions 2020.
- D. ASTM E1264 - Standard Classification for Acoustical Ceiling Products 2019.

1.04 ADMINISTRATIVE REQUIREMENTS

- A. Sequence work to ensure acoustical ceilings are not installed until building is enclosed, sufficient heat is provided, dust generating activities have terminated, and overhead work is completed, tested, and approved.
- B. Do not install acoustical units until after interior wet work is dry.

1.05 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements for submittal procedures.
- B. Product Data: Provide data on suspension system components and acoustical units.
- C. Samples: Submit two samples 4 x 4 inch in size illustrating material and finish of acoustical units.
- D. Samples: Submit two samples each, 6 inches long, of suspension system main runner.
- E. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.
 - 1. See Section 01 6000 - Product Requirements, for additional provisions.
 - 2. Extra Acoustical Units: Quantity equal to 5 percent of total installed.

1.06 QUALITY ASSURANCE

- A. Suspension System Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years documented experience.
- B. Acoustical Unit Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years documented experience.

1.07 FIELD CONDITIONS

- A. Maintain uniform temperature of minimum 60 degrees F, and maximum humidity of 40 percent prior to, during, and after acoustical unit installation.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Acoustic Tiles/Panels:
 - 1. Armstrong World Industries, Inc: www.armstrongceilings.com/#sle.
 - 2. CertainTeed Corporation: www.certainteed.com/#sle.

3. USG Corporation: www.usg.com/ceilings/#sle.
 4. Substitutions: See Section 01 6000 - Product Requirements.
- B. Suspension Systems:
1. Same as for acoustical units.
 2. Substitutions: See Section 01 6000 - Product Requirements.

2.02 ACOUSTICAL UNITS

- A. Acoustical Units - General: ASTM E1264, Class A.
- B. Acoustical Panels: Painted mineral fiber, ASTM E1264 Type III, with the following characteristics:
1. Size: 24 by 48 inches.
 2. Thickness: 15/16 inches.
 3. Composition: wet formed mineral fiber.
 4. Light Reflectance: 82 percent, determined in accordance with ASTM E1264.
 5. NRC Range: 53 to 57, determined in accordance with ASTM E1264.
 6. Ceiling Attenuation Class (CAC): 40, determined in accordance with ASTM E1264.
 7. Edge: Square.
 8. Surface Color: As indicated on drawings.
 9. Surface Pattern: mineral fiber smooth finish.
 10. Suspension System: Exposed grid Type 1.
 11. Products:
 - a. Basis of Design: Armstrong; Calla Square: www.armstrong.com.
 - b. Substitutions: See Section 01 6000 - Product Requirements.

2.03 SUSPENSION SYSTEM(S)

- A. Metal Suspension Systems - General: Complying with ASTM C635/C635M; die cut and interlocking components, with perimeter moldings, hold down clips, stabilizer bars, clips, and splices as required.
- B. Exposed Steel Suspension System Type 1: Formed steel, commercial quality cold rolled; heavy-duty.
1. Profile: Tee; 15/16 inch wide face.
 2. Construction: Double web.
 3. Finish: White painted.
 4. Products:
 - a. USG Donn; Brand DX/DXL26: www.usg.com/#sle..
 - b. Substitutions: See Section 01 6000 - Product Requirements.

2.04 ACCESSORIES

- A. Support Channels and Hangers: Galvanized steel; size and type to suit application, seismic requirements, and ceiling system flatness requirement specified.
- B. Hanger Wire: 12 gauge, 0.08 inch galvanized steel wire.
- C. Perimeter Moldings: Same metal and finish as grid.
1. At Exposed Grid: Provide L-shaped molding for mounting at same elevation as face of grid.
 2. At Clouds: Provide edge trims as listed below and as indicated on the drawings.
 - a. Products:
 - 1) Armstrong World Industries, Inc; Axiom Classic 6 inch Extruded Aluminum Trim: www.armstrong.com/#sle..
 - 2) Armstrong World Industries, Inc; Axiom Knife Edge Extruded Aluminum Trim: www.armstrong.com/#sle.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify existing conditions before starting work.
- B. Verify that layout of hangers will not interfere with other work.

3.02 PREPARATION

- A. Install after major above-ceiling work is complete.
- B. Coordinate the location of hangers with other work.

3.03 INSTALLATION - SUSPENSION SYSTEM

- A. Install suspension system in accordance with ASTM C636/C636M, ASTM E580/E580M, and manufacturer's instructions and as supplemented in this section.
- B. Rigidly secure system, including integral mechanical and electrical components, for maximum deflection of 1:360.
- C. Locate system on room axis according to reflected plan.
- D. Perimeter Molding: Install at intersection of ceiling and vertical surfaces and at junctions with other interruptions.
 - 1. Use longest practical lengths.
- E. Install after major above-ceiling work is complete. Coordinate the location of hangers with other work.
- F. Suspension System, Non-Seismic: Hang suspension system independent of walls, columns, ducts, pipes and conduit. Where carrying members are spliced, avoid visible displacement of face plane of adjacent members.
- G. Where ducts or other equipment prevent the regular spacing of hangers, reinforce the nearest affected hangers and related carrying channels to span the extra distance.
- H. Do not support components on main runners or cross runners if weight causes total dead load to exceed deflection capability.
- I. Support fixture loads using supplementary hangers located within 6 inches of each corner, or support components independently.
- J. Do not eccentrically load system or induce rotation of runners.
- K. Perimeter Molding: Install at intersection of ceiling and vertical surfaces and at junctions with other interruptions.
 - 1. Use longest practical lengths.
 - 2. Overlap and rivet corners.
- L. For seismic installations follow the requirements of the International Building Code, ASCE 7 and ASTM E580 and in install in accordance with the authorities having jurisdiction.

3.04 INSTALLATION - ACOUSTICAL UNITS

- A. Install acoustical units in accordance with manufacturer's instructions.
- B. Fit acoustical units in place, free from damaged edges or other defects detrimental to appearance and function.
- C. Fit border trim neatly against abutting surfaces.
- D. Install units after above-ceiling work is complete.
- E. Install acoustical units level, in uniform plane, and free from twist, warp, and dents.
- F. Cutting Acoustical Units:
 - 1. Make field cut edges of same profile as factory edges.
- G. Where round obstructions occur, provide preformed closures to match perimeter molding.

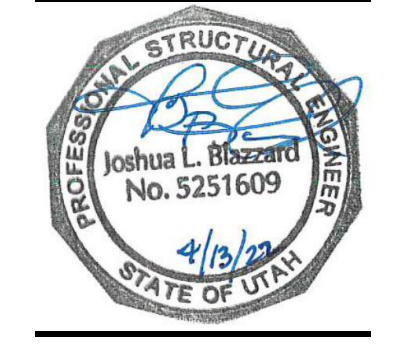
3.05 TOLERANCES

- A. Maximum Variation from Flat and Level Surface: 1/8 inch in 10 feet.
- B. Maximum Variation from Plumb of Grid Members Caused by Eccentric Loads: 2 degrees.

END OF SECTION 09 5100

MARK:	AJZ	DATE:	04/28/22	DESCRIPTION:	
PROJECT #:	121342	ADDENDUM #:			
DRAWN BY:	Z. Thorne				
CHECKED BY:	J. Blazzard				
ISSUED:	04.15.2022				

PROFESSIONAL STRUCTURAL ENGINEER
 Joshua L. Blazzard
 No. 5251609
 4/13/22
 STATE OF UTAH



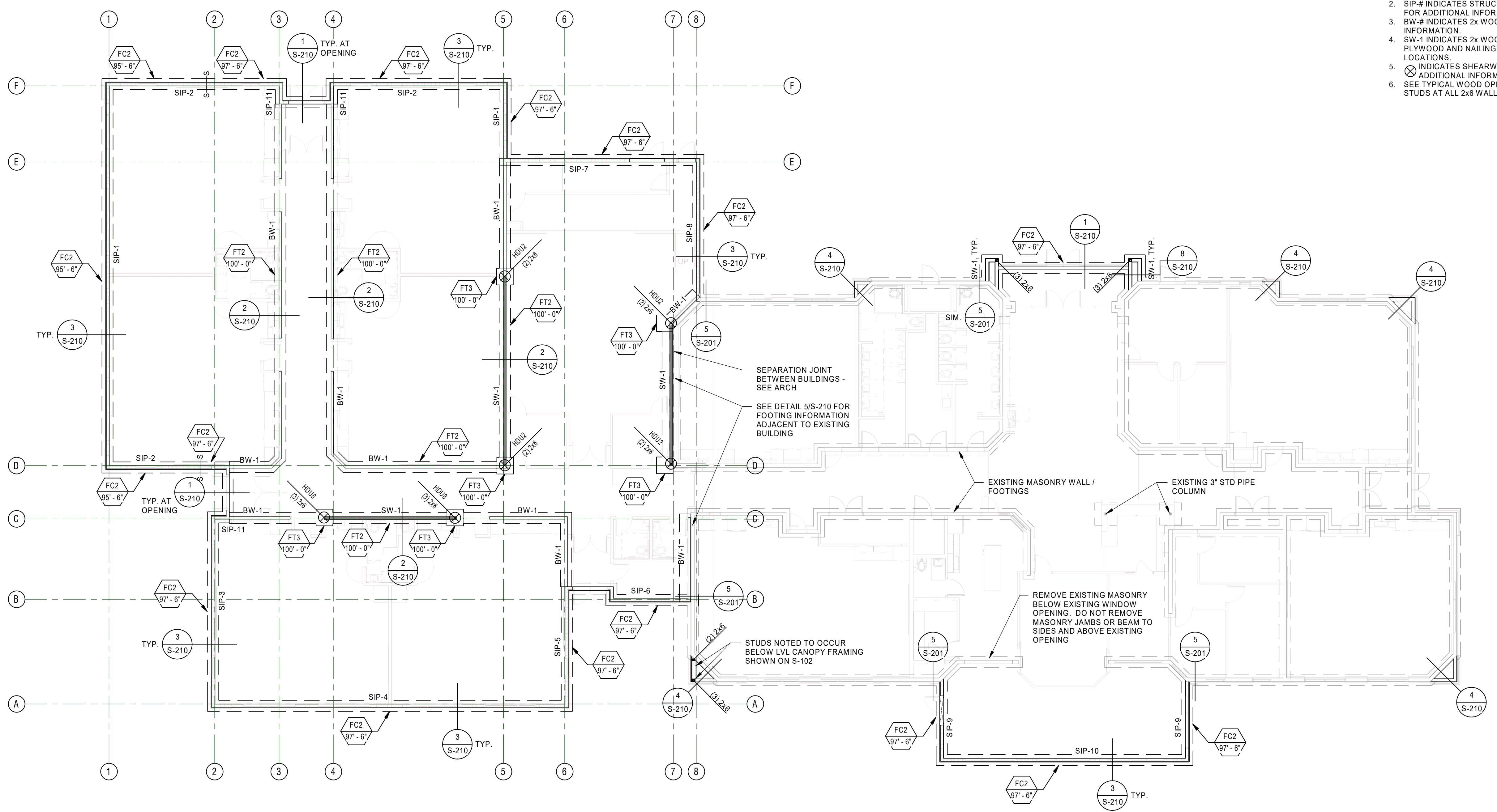
FOOTING AND FOUNDATION PLAN

S-101

- FOOTING & FOUNDATION NOTES :**
- SEE SHEET S-001 FOR GENERAL STRUCTURAL NOTES.
 - ALL FOOTINGS SHALL BE PLACED ON SOIL WHICH HAS BEEN PREPARED FOR THE BEARING PRESSURE SHOWN IN THE STRUCTURAL NOTES.
 - VERIFY ALL DIMENSIONS WITH DRAWINGS AND NOTIFY ENGINEER OF ANY DISCREPANCIES FOUND.
 - SOLID GROUT ALL MASONRY COURSES BELOW FINISHED FLOOR OR EXTERIOR GRADE (WHICHEVER IS HIGHER).
 - SEE SHEET S-003 FOR FOOTING SCHEDULE.
 - PROVIDE DOWELS IN FOOTINGS / FOUNDATIONS TO MATCH VERTICAL WALL REINFORCING U.N.O.
 - SEE SHEET S-201 FOR TYPICAL FOOTING AND FOUNDATION DETAILS.
 - ALL EXTERIOR WALL FOOTINGS TO BEAR A MINIMUM DIMENSION BELOW EXTERIOR GRADE AS NOTED IN GENERAL STRUCTURAL NOTES.
 - FOUNDATION WALLS ARE DESIGNED AND DETAILED FOR THE COMPLETED CONDITION. CONTRACTOR IS RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION. BACKFILLED WALLS SHALL BE ADEQUATELY BRACED DURING CONSTRUCTION AND BACKFILLING TO PRODUCE PLUMB AND TRUE FINISHED WALLS.
 - ALL ANCHORS, HOLD-DOWNS, ANCHOR BOLTS, DOWELS, EMBEDDED ITEMS, ETC. SHALL BE HELD IN PLACE PRIOR TO AND DURING CONCRETE AND/OR GROUT PLACEMENT.
 - COORDINATE ALL FOOTING DEPTHS (INTERIOR AND EXTERIOR) WITH DRAINS, CONDUITS, ETC. THAT MAY INTERFERE WITH FOOTINGS.
 - CONTRACTOR TO COORDINATE EXTERIOR SIP WALL PANEL HOLDOWN LOCATIONS WITH SIP SUPPLIER. SIP MANUFACTURER TO PROVIDE PLAN SHOWING QUANTITY AND LOCATIONS OF HOLDOWNS.

- CONCRETE SLAB NOTES :**
- SLAB ON GRADE SHALL BE 4" THICK CONCRETE U.N.O. SLAB SHALL BE UNDERLAIN BY FREE DRAINING MATERIAL AS PRESCRIBED IN THE SOILS REPORT.
 - SEE SHEET S-201 FOR CONTROL AND CONSTRUCTION JOINT INFORMATION.

- WOOD WALL FRAMING NOTES :**
- SEE SHEET S-001 FOR GENERAL STRUCTURAL NOTES.
 - SIP-# INDICATES STRUCTURAL INSULATED PANEL WALLS. SEE SCHEDULE AND NOTES ON SHEET S-004 FOR ADDITIONAL INFORMATION.
 - BW-# INDICATES 2x WOOD BEARING WALLS. SEE SCHEDULE ON SHEET S-004 FOR ADDITIONAL INFORMATION.
 - SW-1 INDICATES 2x WOOD SHEARWALL LOCATIONS. SEE GENERAL STRUCTURAL NOTES FOR PLYWOOD AND NAILING REQUIREMENTS. FOLLOW BW-1 FOR WALL FRAMING AT SHEARWALL LOCATIONS.
 - ⊗ INDICATES SHEARWALL ENDPPOST AND HOLDOWN SIZES. SEE DETAILS 6 AND 7/S-210 FOR ADDITIONAL INFORMATION.
 - SEE TYPICAL WOOD OPENING SCHEDULE ON SHEET S-004 FOR TYPICAL HEADER, TRIMMER AND KING STUDS AT ALL 2x8 WALL LOCATIONS (U.N.O.).



FOOTING AND FOUNDATION PLAN
 SCALE: 3/32" = 1'-0"

A
S-101

FOOTING ELEVATIONS CORRECTED
 TO CORRELATE TO F.F.E. = 100'-0"

CONSTRUCTION DOCUMENTS

4/28/2022 9:44:40 AM X:\DRAWINGS\2021\121342 - LCSD Early Childhood Development\Addition-S-1001 - LCSD Early Childhood Development Addition - S-101.rvt



ADDENDUM 2

DATE: February 16, 2022

PROJECT NO: 21527

PROJECT: LCSD Early Childhood Center Addition

The following revision, additions, deletions, and/or items of clarification shall hereby be included as an integral part of the Contract Documents for the above-listed project and shall be fully binding. All other requirements of the original plans and specification shall remain in effect in their respective order.

PRIOR APPROVALS

The following manufacturers, trade names and products are allowed to bid on a name brand only basis with the provision that they completely satisfy all and every requirement of the drawings, specifications and all addenda shall conform to the design, quality and standards specified, established and required for the complete and satisfactory installation and performance of the building and all its respective parts.

<u>Item</u>	<u>Manufacturer</u>	<u>Comments</u>
Water Softener	Ecowater	APPROVED
Domestic Expansion Tank	Patterson	APPROVED
Domestic Pump	Patterson	APPROVED
Gas Fired Water Heater	Intellihot	APPROVED
Water Softener	Water Controls Corp.	APPROVED
Balancing Valves	Griswold Controls	APPROVED
Flush Valves	American Standard	APPROVED
Faucets	American Standard	APPROVED
Toilet Seats	American Standard	APPROVED
Flush Valves	Moen	APPROVED