ADDENDUM 03

PROJECT: RFP24-012 - Ben Lomond High School Auditorium Remodel
PROJECT NUMBER: 230109
DATE: March 6, 2024

Incorporate into the Contract the following drawing & project manual revisions, and answers to questions asked during the open question period of bidding:

GENERAL

After Q5 was answered through SciQuest, it was agreed during the mandatory bid walk meeting on February 23, 2024 that a specification for Fixed Audience Seating for Theaters would, in fact, be provided.

QUESTIONS

Q1: Sheet A1.1, Alternate #2 - Will a substitution be accepted for the auditorium seating?
A1: Substitutions that meet the same design criteria as the basis of design will be accepted.

Q2: Sheet IA1.21, Finish Schedule, MP1 - The notes note that this is by GC and to reference Sheet A2.21, Detail 10 - This detail does not exist. Are metal panels used on this project, I am not finding where it is called out?
A2: This question will be addressed with revised drawings that will be issued as Addendum 03: [Please see revised sheet A2.21]

Q3: Specification Section 01 5000, 1.03, A - Will we be able to use electricity and water free of charge?
A3: Water & Power will be available, and free of charge to the contractor.

Q4: Is it anticipated that fire sprinkler modifications will be required at the new ticket booth or other locations?
A4: The ticket booth is open to above is not anticipated to require sprinkler modifications. It is not anticipated that fire sprinkler modifications will be required at other locations.

Q5: Sheet A1.1, Alternate #2 - Will a specification be provided for the auditorium seating?
A5: At this time, a specification will not be issued for the auditorium seating
[Please see added Specification Section 12 6100 FIXED AUDIENCE SEATING FOR THEATERS]

Q6: Specification Section 01 5000, 1.04, A - Will we be able to existing facilities or will temp. toilets be required?
A6: We will designate a restroom in the building for the contractors to use. They will not need to bring in portable toilets.

Q7: Specification Section 01 5000, 1.07, A - This notes to See Section 01 3553. This section is not included. Will security be required, if yes, what will be required?
A7: Security will not be required: the specification will be updated to remove this reference.

Q8: Specification Section 01 5000, 1.05 & 1.06 - Where will barriers an interior enclosures be required?
A8: Interior barriers will not be required: the specification will be updated to remove this reference.

Q9: Specification Section 01 5000 - Will a job trailer be required or will we be given space inside for a temp. office?
A9: A job trailer would not be required for a project this size. The contractor can set up on the stage area.

Q10: RFP, Proposal Submittal Requirements - The RFP is very specific that only 2 documents are to be submitted, the Technical Proposal and the Cost Proposal. It then notes that we have to submit a Bid Bond. Is this a 3rd document, or is it to be included in one of the 2 documents above?
A10: In the Request for Proposal Submittal Requirements we do ask for a Technical Proposal, and Cost Proposal. They must be submitted as separate attachments. In the (Other Requirements, Section B) of the RFP states a bid bond in the amount of 5% of the bid, made payable to the Ogden School District shall accompany the bid. This can be included with the Cost Proposal submission.

Q11: Sheet A1.11 - There are 4 hashed boxes up front, by the stage. What are these?
A11: The 4 hashed boxes at the front of the seating are ADA accessible seats. Revised drawings clarifying and updating the quantity and location of the ADA accessible seating will be issued in a future addendum. [Please see revised sheet A1.11]

Q12: Sheets AD1.11 & A1.11 The auditorium has carpet tile, accept where the seating is. Just to confirm existing carpet will remain? Alternate #2 only occurs in the exposed floor areas, under the seats?
A12: The existing auditorium carpet will be retained and protected in Add Alternate #2

Q13: I’m trying to get a price put together for the fabric wrapped Tectum panels in the auditorium. However, there are some discrepancies with the panel dimensions. The finish schedule calls for AP1: 4’ AP2: 6’ AP3: 8’ The Specs call for AP1: 4’ AP2: 5’ AP3: 6’. Please advise.
A13: The sizes of the fabric wrapped tectum panel’s indicated in the finish schedule are the correct size. The sizes indicated in the specification will be revised to match the finish schedule.

Q14: Just to confirm, for this alternate, wood wainscotting gets removed and either: Option 1 - gets framing/drywall to reflect the angled wall above, then gets paint? Option 2 - gets framing/drywall where the wainscotting was flat to the ground, acoustic wall panels then get installed on the new flat wall?
A14: Confirmed: For add alternate #4, Remove wood wainscotting. Then, for Option 1, provide new framing/drywall buildout to reflect the angles of the walls above, with the new buildout painted to match walls in add alternate #1. And, for option 2, provide new framing/drywall flat to the ground, with new acoustic barrel diffusers installed on the new flat wall. [Please see revised sheet A1.11]

Q15: Sheet AD1.1 removes 954 seats. Sheet A1.1 adds 1,000 seats. Where are the extra 46 seat going? It appears to be the same amount of rows, are the new seats smaller?
A15: The quantity of 1,000 seats added are for bidding purposes: contractor will coordinate the final seat count, including attic stock, and final seat locations, including the quantity and location ADA accessible seating and companion seating, with the owner based on existing conditions. [Please see revised sheet A1.11]

Q16: RFP, Proposal Submittal Requirements - Schedule B is noted to be included in the Cost Proposal. There is a Schedule A in the RFP packet. It is not noted in either attachment. Is it to be included? If yes, where?
A16: Include Schedule A with the cost proposal as well

Q17: Can you provide a specification to the "AUDITORIUM" signage? Material, finish, size, etc.? A17: "AUDITORIUM" Signage is to be 20" Tall Brushed/Natural Satin finish Aluminum Letters that are ¼” Thick and attached with a ¼” standoff. Contractor will field verify actual size, finish, and attachment and
coordinate new signage to match existing signage. A sample will be required as part of the construction submittal.

[Please see revised sheet A2.21]

**GENERAL DRAWING CHANGES**

None

**ARCHITECTURAL DRAWING CHANGES**

**CS COVER SHEET**

- Index of Drawings: **Added** revision information to index

**AD1.11 DEMOLITION FLOOR PLAN - AUDITORIUM**

- Drawing Legend: **Added** symbol and description for existing floor finish to be removed, retained & protected, and reinstalled

**AD1.12 DEMOLITION FLOOR PLANS - ASSOCIATED SUPPORT SPACES**

- Keynotes: **Revised** text of keynote #16
- Keynotes: **Added** keynote #18
- Drawing Legend: **Added** symbol and description for existing floor finish to be removed, retained & protected, and reinstalled
- Drawing B ‘Demolition Plan – Sound Booth’: **Added** hatch pattern to indicate removal, retention & protection, and reinstallation of existing floor finish around ticket booth.
- Drawing B ‘Demolition Plan – Sound Booth’: **Added** missing keynote tags

**A1.11 FLOOR PLAN - AUDITORIUM**

- Keynotes: **Added** keynote #9
- Add Alt #2 Auditorium Seating: **Revised** narrative to clarify design intent based on bid questions
- Add Alt #4 Auditorium Sidewall: **Revised** narrative to clarify design intent based on bid questions
- Drawing A ‘Floor Plan - Auditorium’: **Revised** detail number
- Drawing A ‘Floor Plan - Auditorium’: **Added** keynote #9 to drawings
- Drawing A ‘Floor Plan - Auditorium’: **Added** ADA accessible and companion seating to drawings

**A1.12 FLOOR PLANS - ASSOCIATED SUPPORT SPACES**

- Drawing A ‘Floor Plan – Ticket Booth’: **Added** section callout tag

**A1.21 REFLECTED CEILING PLAN - AUDITORIUM**

- Keynotes: **Added** keynote #2
- Add Alt #1 Auditorium Painting: **Added** narrative to clarify design intent
- Drawing A ‘Reflected Ceiling Plan – Auditorium’: **Revised** extents of section callout tag
- Drawing A ‘Reflected Ceiling Plan – Auditorium’: **Added** keynote #2

**A2.21 ELEVATIONS – TICKET BOOTH**

- Keynotes: **Added** keynote #3
- Drawing 1 ‘Ticket Booth Elevation – North’: **Added** keynote #3
- Drawing 1 ‘Ticket Booth Elevation – North’: **Added** material tag ‘MP1’
- Drawing 2 ‘Ticket Booth Elevation – East’: **Revised** storefront system ‘W2’
- Drawing 4 ‘Ticket Booth Elevation – West: **Revised** storefront system ‘W2’

**A3.11 SECTIONS**

- Finish Legend: **Updated** graphics of finish legend
- Drawings 1 ‘Section – Auditorium’: **Updated** extents of painting

**A4.02 WALL TYPES, SECTIONS, & TYPICAL DETAILS**
• Drawing 2 ‘Ticket Booth Section – Wall Section thru Storefront: Updated text note reference
• Drawing 3 ‘Ticket Booth Section – Wall Section @ Ticket Counter’: Updated wall section detail
• Drawing 5 ‘Diagonal Cross Bracing Detail’: Added drawing to sheet

A6.01 DOOR SCHEDULE, DOOR & WINDOW TYPES, & DETAILS
• Window Systems Types: Updated dimensions and notes of wall type ‘W1’

PROJECT MANUAL

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• Revised specification section 01 0110 TABLE OF CONTENTS in Project Manual

01 5000 TEMPORARY FACILITIES AND CONTROLS
• Revised specification section 01 5000 TEMPORARY FACILITIES AND CONTROLS in Project Manual

09 8400 ACOUSTIC WALL PANELS
• Revised specification section 09 8400 ACOUSTIC WALL PANELS in Project Manual

12 6100 FIXED AUDIENCE SEATING FOR THEATERS
• Added specification section 12 6100 FIXED AUDIENCE SEATING FOR THEATERS to Project Manual

END OF WRITTEN RESPONSE

Mark D. Pavoni, AIA, NCARB

Attachments:

CS COVER SHEET
AD1.11 DEMOLITION FLOOR PLAN - AUDITORIUM
AD1.12 DEMOLITION FLOOR PLANS - ASSOCIATED SUPPORT SPACES
A1.11 FLOOR PLAN - AUDITORIUM
A1.12 FLOOR PLANS - ASSOCIATED SUPPORT SPACES
A1.21 REFLECTED CEILING PLAN - AUDITORIUM
A2.21 ELEVATIONS – TICKET BOOTH
A3.11 SECTIONS
A4.02 WALL TYPES, SECTIONS, & TYPICAL DETAILS
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PART 1 GENERAL

1.01 SECTION INCLUDES
   A. Temporary utilities.
   B. Temporary sanitary facilities.
   C. Vehicular access and parking.
   D. Waste removal facilities and services.
   E. Project identification sign.
   F. Removal of Utilities, Facilities, and Controls

1.02 TEMPORARY UTILITIES
   A. Water and Power will be available, and free of charge to the contractor.
   B. Use trigger-operated nozzles for water hoses, to avoid waste of water.

1.03 TEMPORARY SANITARY FACILITIES
   A. A restroom will be designated in the building for the contractors to use. Contractor will not need to bring in portable toilets.

1.04 VEHICULAR ACCESS AND PARKING
   A. Coordinate access and haul routes with governing authorities and Owner.
   B. Provide and maintain access to fire hydrants, free of obstructions.
   C. Provide means of removing mud from vehicle wheels before entering streets.
   D. Provide temporary parking areas to accommodate construction personnel. When site space is not adequate, provide additional off-site parking.

1.05 WASTE REMOVAL
   A. Provide waste removal facilities and services as required to maintain the site in clean and orderly condition.
   B. Provide containers with lids. Remove trash from site periodically.
   C. If materials to be recycled or re-used on the project must be stored on-site, provide suitable non-combustible containers; locate containers holding flammable material outside the structure unless otherwise approved by the authorities having jurisdiction.
   D. Open free-fall chutes are not permitted. Terminate closed chutes into appropriate containers with lids.

1.06 PROJECT IDENTIFICATION
   A. Contractor may provide and install one Contractor's identification sign, 48 s.f. maximum, at location approved by Architect/Owner.
   B. Contractor shall install Architect's provided identification sign, 48 s.f., at location approved by Architect/Owner.
   C. No other signs are allowed without Owner permission except those required by law.

1.07 REMOVAL OF UTILITIES, FACILITIES, AND CONTROLS
   A. Remove temporary utilities, equipment, facilities, materials, prior to Substantial Completion inspection.
   B. Remove underground installations to a minimum depth of 2 feet (600 mm).
   C. Clean and repair damage caused by installation or use of temporary work.
PART 2 PRODUCTS - NOT USED
PART 3 EXECUTION - NOT USED

END OF SECTION
PART 1 GENERAL

1.01 RELATED DOCUMENTS
A. Drawings and general conditions of Contract, including General and Supplementary Conditions and Divisions-1 Specification sections apply to work of this section.

1.02 SUMMARY
A. Section Includes:
   1. Cementitious wood fiber plank acoustical wall system
B. Related Sections:
   1. Section 09 20 00 – Plaster and Gypsum Board
   2. Section 01 81 13 – Sustainable Design Requirements
   3. Section 01 81 19 – Indoor Air Quality Requirements

1.03 REFERENCES
A. American Society for Testing and Materials (ASTM)
   2. XASTM E 84 Standard Test Method for Surface Burning Characteristics of Building Materials
   3. ASTM E 580 Installation of Metal Suspension Systems in Areas Requiring Moderate Seismic Restraint
   4. ASTM C 423 Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method
   5. ASTM E 1264 Classification for Acoustical Ceiling Products
B. International Building Code
D. NFPA 70 National Electrical Code

1.04 SUBMITTALS
A. Product Data: Submit manufacturer’s technical data for each type of Fabric walls required.
B. Samples: Minimum 6 inch x 6 inch samples of specified Tectum® Fabric acoustical panel.
C. Shop Drawings: Layout and details of Tectum® Fabric walls show locations of items that are to be coordinated with, or supported by the walls.
D. Certifications: Manufacturer’s certifications that products comply with specified requirements, including laboratory reports showing compliance with specified tests and standards. For acoustical performance, products must be tested to the A, D-20, or C-40 method; each carton of material must carry an approved independent laboratory classification.
E. If the material supplied by the acoustical subcontractor does not conform to manufacturer’s current published values as specified in 2.2 of this specification, the material must be removed, disposed of, and replaced with complying product at the expense of the Contractor performing the work.

1.05 QUALITY ASSURANCE
A. Single-Source Responsibility: Provide acoustical panel units and grid components by a single manufacturer.
B. Fire Performance Characteristics: Identify acoustical wall components with appropriate markings of applicable testing and inspecting organization.
   1. Surface Burning Characteristics: Tested per ASTM E 84 and complying with ASTM E 1264 Classification.
C. Tectum® Fabric, as with other architectural features located at the wall, may obstruct or skew the planned fire sprinkler water distribution pattern through possibly delay or accelerate the activation of the sprinkler or fire detection systems by channeling heat from a fire either toward or away from the device. Designers and installers are advised to consult a fire protection engineer, NFPA 13, or their local codes for guidance where automatic fire detection and suppression systems are present.

D. Coordination of Work: Coordinate acoustical wall work with installers of related work including, but not limited to building insulation, gypsum board, light fixtures, mechanical systems, electrical systems, and sprinklers.

1.06 DELIVERY, STORAGE & HANDLING

A. Deliver acoustical wall units to project site in original, unopened packages and store them in a fully enclosed space where they will be protected against damage from moisture, direct sunlight, surface contamination, and other causes.

B. Provide labels indicating brand name, style, size and thickness.

C. Before installing acoustical wall units, permit them to reach room temperature and a stabilized moisture content.

D. Handle acoustical wall units carefully to avoid chipping edges or damaged units in any way.

1.07 ENVIRONMENTAL REQUIREMENTS:

A. Do not install wall panels until building is closed in and HVAC system is operational.

B. Locate materials onsite at least 24 hours before beginning installation to allow materials to reach temperature and moisture content equilibrium.

C. Maintain the following conditions in areas where acoustical materials are to be installed 24 hours before, during and after installation:
   1. Relative Humidity: 65 - 75%.

1.08 WARRANTY:

A. Fabric Panels: Submit a written warranty executed by the manufacturer, agreeing to repair or replace panels that fail within the warranty period. Failures include, but are not limited to the following:
   1. Fabric Wall Panels: Sagging and warping

B. Fabric Wall Panels one source manufacturer is Thirty (30) years from date of substantial completion.

C. The Warranty shall not deprive the Owner of other rights the Owner may have under other provisions of the Contract Documents and will be in addition to and run concurrent with other warranties made by the Contractor under the requirements of the Contract Documents

1.09 MAINTENANCE:

A. Extra Materials: Deliver extra materials to Owner. Furnish extra materials described below that match products installed. Packaged with protective covering for storage and identified with appropriate labels.
   1. Fabric Custom Wall Panels: Furnish quality of full-size units equal to 5.0 percent of amount installed.

PART 2 PRODUCTS

2.01 MANUFACTURER

A. Fabric Custom Wall Panels:
   1. Tectum® by Armstrong World Industries, Inc.

2.02 FABRIC CUSTOM WALL PANELS

A. Acoustical Panels Type AP-1:
   1. Surface Texture: Coarse
   2. Composition: Aspen wood fibers bonded with inorganic hydraulic cement
3. Fabric: (Custom: refer to manufacturer website for fabric selection)
4. Size: Custom Sizes (width 24”, length 48”)
5. Thickness: (2”)
6. Edge Profile: Beveled
7. Noise Reduction Coefficient (NRC): ASTM C 423 ; (Mounting; C-40(0.90)

B. Acoustical Panels Type AP-2:
1. Surface Texture: Coarse
2. Composition: Aspen wood fibers bonded with inorganic hydraulic cement
3. Fabric: (Custom: refer to manufacturer website for fabric selection)
4. Size: Custom Sizes (width 24”, length 72”)
5. Thickness: (2”)
6. Edge Profile: Beveled
7. Noise Reduction Coefficient (NRC): ASTM C 423 ; (Mounting; C-40(0.90)

C. Acoustical Panels Type AP-3:
1. Surface Texture: Coarse
2. Composition: Aspen wood fibers bonded with inorganic hydraulic cement
3. Fabric: (Custom: refer to manufacturer website for fabric selection)
4. Size: Custom Sizes (width 24”, length 96”)
5. Thickness: (2”)
6. Edge Profile: Beveled
7. Noise Reduction Coefficient (NRC): ASTM C 423 ; (Mounting; C-40(0.90)

PART 3 EXECUTION

3.01 EXAMINATION
A. Do not proceed with installation until all wet work such as concrete, terrazzo, plastering and painting has been completed and thoroughly dried out, unless expressly permitted by manufacturer's printed recommendations.

3.02 PREPARATION
A. Measure each wall area and establish layout of acoustical wall units, and comply with reflected wall plans. Coordinate panel layout with mechanical and electrical fixtures.
B. Coordination: Furnish layouts for preset inserts, clips, and other wall anchors whose installation is specified in other sections.

3.03 INSTALLATION
A. Install Fabric Custom Wall Panels in accordance manufacturer’s installation instructions.
B. Fabric Custom Wall Panels must be mechanically attached to approve substrate per installation instructions.

3.04 ADJUSTING AND CLEANING
A. Replace damaged and broken Tectum® Fabric Wall Panels.
B. Clean exposed surfaces of acoustical walls, including trim, edge moldings, and suspension members. Comply with manufacturer’s instructions for cleaning and touch up of minor finish damage. Remove any Tectum® Fabric Wall Panels that cannot be successfully cleaned and or repaired. Replace with attic stock or new product to eliminate evidence of damage.

END OF SECTION
PART 1 GENERAL SPECIFICATIONS

1.01 SUMMARY:
A. Deliver and install approximately 1,000 fixed padded and upholstered chairs as specified, floor mounted standards, with self-lifting seat that rises to a uniform 3/4-safety fold position.

1.02 SUBMITTALS:
A. Product data for each chair model specified to include construction details, material descriptions and finish options
B. Seating layout (shop drawings) developed from the contract drawings that show aisle widths, chair spacing for each row, row-lettering and chair-numbering scheme, chair dimensions and back pitch. Layout drawings to also include locations for accessories, including left- and right-hand tablet arms, electrical devices, accessibility provisions and attachments to other work.
C. Samples for verification & finish selection to include:
   1. Initial finish selections to be made from manufacturer’s standard color and fabric guides.
   2. Final powder coat selection to be approved from manufacturers standard-sized samples not less than 1” x 3”.
   3. Final laminate selection to be approved from manufacturers standard-sized samples not less than 2” x 2”.
   4. Final plastic color selection to be approved from manufacturers standard-sized samples not less than 2” x 3”.
   5. Final wood finish selection to be approved from manufacturers standard-sized samples not less than 4” x 3”.
   6. Final upholstery fabric selection to be approved from fabric mills standard swatch size if available.
D. Maintenance instructions and inspection guidelines furnished for each chair model specified.
E. Manufacturers standard warranty.

1.03 QUALITY ASSURANCE:
A. Source Limitations:
   1. Obtain each type of fixed seating required, including accessories and mounting components, from a single manufacturer.

B. Field Measurements:
1. Take field measurements to verify or supplement dimensions indicated on contract drawings prior to manufacturing.

1.05 PROJECT COORDINATION:
A. Do not deliver or install seating until space is free of lifts and/or scaffolding used by other trades which may interfere with installation and/or damage seating.
B. Coordinate layout and installation of electrical wiring and devices with electrical contractor to ensure that floor junction boxes for electrical devices are accurately located for final connection to the building’s power supply by the electrical contractor.
C. Coordinate layout and installation of seating with HVAC contractor to ensure that vents are located in a manner that will not interfere with seating installation.
D. Coordinate substrate requirements needed for proper installation.

1.06 WARRANTY:
A. Provide a manufacturer's warranty covering the material and workmanship for the specified warranty period from date of final acceptance.
B. Warranty Periods:
   1. Structural Components: five years.
   2. Operating Mechanisms: five years.
   5. Electrical Components: one year.

PART 2 PRODUCTS
2.01 MATERIALS AND FINISHES:
A. Steel shall meet requirements for ASTM A 36/A 36M plates, shapes, and bars; ASTM A 513 mechanical tubing; ASTM A 1008/A 1008M cold-rolled sheet; and ASTM A 1011 hot-rolled sheet and strip.
B. Cast Iron shall meet requirements for ASTM A 48/A 48M, Class 25, gray iron castings free of blow holes and hot checks with parting lines ground smooth.
C. Cast Aluminum shall meet requirements for ASTM B 85 aluminum-alloy die castings.
D. All exposed metal parts shall be powder coated with a hybrid thermosetting powder coat finish. The powder coat finish shall be applied by electrostatic means to a thickness of 2 - 5 mils, and shall provide a durable coating having a 2H Pencil hardness. Prior to powder coating, metal parts shall be treated with a three-stage non-acidic, bonderizing process for superior finish adhesion, and after coating shall be oven baked to cause proper flow of the epoxy powder to result in a smooth, durable finish. Manufacturer's standard color range shall be used.
E. Medium-density fiberboard shall meet requirements for ANSI A208.2, Grade MD, made with binder containing no urea formaldehyde.
F. Concealed plywood shall meet requirements for HPVA HP-1 hardwood plywood.
G. Exposed plywood shall meet requirements for HPVA HP-1, Face Grade A, hardwood veneer core with color-matched hardwood-veneer faces, made with adhesive containing no urea formaldehyde.
H. Hardwood lumber and veneer faces shall be maple selected to be free of visible defects. Exposed wood shall be sanded smooth and stained to color selected with low-VOC water-based stain and top coat to provide with a high quality finish. Color to be chosen from manufacturer's standard offering.
I. Upholstery fabric shall be 100% pre-consumer recycled polyester Open House pattern by Guilford of Maine. Fabric shall have a weight of 12.4 oz. per lineal yard (± 1 oz.). Fabric shall meet specifications AATCC 16 Option 3, AATCC 107 and AATCC 8 for color fastness and withstand 250,000 double rubs per ASTM D-4157. Fabric shall meet flammability resistance outlined in California Technical Bulletin 117; NFPA 260-1989, Class 1; UFAC, class 1.
J. Upholstery padding shall be molded or slab polyurethane foam.

K. Molded Plastics:
   1. Structural components shall be mar and dent resistant high density glass-filled polypropylene with UV stabilizers.
   2. Decorative components shall be mar and dent resistant high density polyethylene (HDPE) with UV stabilizers.
   3. Plastic components shall be chosen from manufacturer’s standard offering.

   2.02 FIXED AUDIENCE SEATING:

   A. Permanent arrangement of fixed audience seating as shown on seating layout drawings.
      1. Approved manufacturers subject to compliance with requirements outlined herein.
      2. Basis-of-design for fixed audience seating is Irwin Seating Company model 90.12.10.4 Citation or comparable product:

   B. Chair support columns shall be a formed 14 gauge (.0747") steel tube with an integral back wing plate. Column shall exhibit a 10° rearward incline to help conceal back attachment hardware. Brackets for seat attachment shall be 7-gauge (.1875") steel for superior strength, formed with an integral support buttress. Floor attachment foot shall be formed from 12 gauge (.105) steel to 7-1/2" x 2-5/8" in size. All steel components shall be robotic welded for precise assembly and exceptional integrity. Foot-to-column welds are to be concealed on the inside of the foot for a clean appearance. The standard shall be fabricated to be compatible with the floor incline, and to maintain proper seat and back height and angle.

   C. Aisle end panels shall be injection molded glass-filled polypropylene and enclose the upper 2/3 of the support column. Panels are teardrop-shaped with a concave rear edge and well-rounded surfaces around a center area, which features a veneer surfaced insert.

   D. Backs shall be rectangular shaped, padded and upholstered on their face, with a one-piece injection molded polymer rear panel. The foundation of the back component shall be provided by a 7/16" thick, 5-ply hardwood inner panel that shall also serve as the upholstery substrate. The face of the back shall be upholstered over a 2" thick polyurethane foam pad. The polyfoam pad shall be securely cemented to the plywood inner panel and upholstered with a 1-piece cover securely fastened to the hardwood inner panel by means of upholstery staples to facilitate ease of re-upholstering. The rear designer panel shall be injection molded HDPE plastic, high impact-resistant, with textured outer surface, formed to enclose the edges of the inner upholstery panel at the top and both sides of the back, and shall be not less than 25" in length, extending down to the rear of the seat. There shall be no exposed screws above the armrests. Wings used for the attachment of the complete back assembly to the standards shall be not less than 14 gauge (.0747") steel. Wings shall be firmly secured to the inner panel through the use of threaded t-nuts fastened to the inner panel. Assembled chair shall have a nominal back height of 34". The back assembly shall be certified through routine ISO testing to withstand a 250 lb. static load test applied approximately 16" above the seat assembly and a 100,000 cycle 40 lb. swing impact test.

   E. Seats shall be padded and upholstered on their top surface with a structural, injection molded polypropylene seat foundation. Seats shall self-rise to a uniform position when unoccupied. The mechanism shall be certified through routine ISO testing to exceed 300,000 cycles during ASTM Designation F851-87 Test Method for Self-Rising Seat Mechanism. In addition, the seat shall withstand as a 600 lb. static load test applied approximately 3" from the front edge of the seat assembly and a 50,000 cycles 125 lb. vertical drop impact test.
      1. Seat foundation shall be engineered glass-filled, injection molded polypropylene, strengthened by deep internal ribs and gussets, completely enclosing the self-rising hinge mechanism. Bottom surface of the foundation shall be textured and feature an attractive molded recess. Bolted attachment of the seat assembly to the chair standard shall be concealed by an integral color-coordinated plastic cap to present a finished, refined appearance.
      2. When unoccupied, the seat shall rise automatically to a 3/4 safety fold position, and upon a slight rearward pressure, shall achieve full-fold, allowing the patron additional passing room. The seat shall rotate on two, molded acetal shafts supported by nylon bearings with integral
down-stops for exceptional strength. Seat-lift shall be accomplished by compression springs and self-lubricating plastic cams.

3. The base structure for the cushion assembly shall be five serpentine springs locked to an engineered, glass-filled polypropylene frame. Serpentine springs are covered with 3-1/2" thick molded polyurethane foam. Cushion is molded with an integral chafing barrier to protect the foam from the serpentine springs and a waterfall leading edge. Cushion assembly is upholstered with a carefully tailored fabric cover secured around the perimeter of the cushion frame by means of a drawstring and staples and securely locked to the seat foundation, preventing unauthorized removal; but facilitating convenient access by trained maintenance personnel.

F. Chair width shall be 21" from center to center of armrests.

G. Back height and pitch shall be fixed as shown on seating layout drawings.

H. Center standards shall be provided with a glass-filled polypropylene armrest support structure capable of surpassing a 200 lb. vertical static load test applied 3" from the front edge of the armrest. Armrest support shall be attached to the support column with an integral ribbed post that binds into the steel support column and locked in place with a concealed security screw. Support structure is capped with a curved solid wood armrest attached with concealed hardware. Aisle end armrests are to be attached to the 14-gauge aisle panel bracket with concealed hardware.

I. Row-lettering and chair-numbering shall be provided for identification of all chairs as shown on approved seating layout drawings. Number plates shall be 5/8" x 1-5/8" aluminum with a bronze finish and black sans serif numerals. The seat pans shall be recessed at the center of the front edge for the number plates, and attached by two (2) pop rivets. Letter plates shall be 2" round with a bronze finish and black sans serif numerals attached in recess of aisle standard decorator panel by two (2) pop rivets. Attaching hardware shall have a finish compatible to plates.

J. Aisle lights shall be furnished for aisle standards designated on the approved seating layout drawings. Aisle lights shall be low voltage, non-hazardous 12 volt, D.C. Fixtures shall be mounted to the top rear of the glass-filled polypropylene aisle panel to provide illumination of the aisle panel and adjacent floor and/or steps. Fixtures are 2-1/4" diameter black hooded assemblies with high-output, light emitting diodes (LED) designed to provide an even, consistent wash of white illumination. The aisle light standards are to be provided pre-wired with approximately 18" of wiring extending beyond the base of the standards. Wiring shall be encased within a black, rubber-coated flex steel conduit that exits the column just above the foot. Seating supplier shall furnish as part of the aisle light package a voltage reduction device suitable for conversion of 120 volt, A.C., facility power to 12 volt, D.C., for aisle lights requirement. The voltage reduction device shall be Underwriters’ Laboratories listed as a Class II Power Unit for proper supply of power to the aisle lights. All wiring connections from the electric distribution system to the aisle light standards, as well as installation, proper safe mounting, and connection of the voltage reduction device, shall be the responsibility of the electrical contractor, including provision of suitable locking-style electrical disconnect device.

K. Accessible Seating:

1. Shall be designated on the seating layout drawings and designed to allow an individual to transfer from a wheelchair to the theatre chair. The aisle standard shall be equipped with an armrest capable of lifting to a position parallel with the support column, opening sideways access to the seat. Aisle standards so equipped shall be provided with a label, displaying an easily recognizable "handicapped" symbol. Decorative requirements of aisle standards are waived for the handicapped access standards.

2. Chairs located as shown in the contract drawings shall be mounted upon moveable steel bases. The steel bases shall be available for sections of one (1), two (2), or three (3) chairs. The bases shall be fabricated from 3/16" x 3-1/2" x 15-1/2" steel, with cross members securely fastened to the horizontal base members via Tec screws. Holes shall be provided for the attachment of the chair standards. Moveable bases are secured to the floor when the seating is in use with reverse anchors.

L. Furnish extra materials from the same production run that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
1. Furnish complete seat and back assemblies equal to quantity of 10 for each type and size of chair seat and back.
2. Furnish seat and back fabric covers equal to quantity of 10 for each type and size of cushion.
3. Furnish armrests equal to quantity of 10 for each type of armrest.

2.03 FABRICATION:
   A. Manufacture fabric-covered cushions with molded padding beneath fabric and with fabric covering free of welts, creases, stretch lines, and wrinkles. For each upholstered component, install pile and pattern run in a consistent direction.
   B. Fabricate floor attachment plates to conform to floor slope, if any, so that standards are plumb and chairs are maintained at same angular relationship to vertical throughout project.

PART 3 EXECUTION
3.01 EXAMINATION
   A. Prior to layout and installation examine floors, risers, and other adjacent work and conditions, with Installer present, for compliance with requirements and other conditions affecting performance of the work including, but not limited to, plumb of riser faces and concrete conditions.
   B. Examine locations of electrical connections.
   C. Examine locations of HVAC supply ducts.
   D. Proceed with installation only after unsatisfactory conditions have been corrected.

3.02 INSTALLATION
   A. Install seating in locations indicated and fastened securely to substrates according to manufacturer's written installation instructions.
   B. Use installation methods and fasteners that produce fixed audience seating assemblies with individual chairs capable of supporting an evenly distributed 600-lb static load applied 3” from front edge of the seat without failure or other conditions that might impair the chair’s usefulness.
   C. Install seating with chair end standards aligned from first to last row and with backs and seats varied in width and spacing to optimize sightlines.
   D. Install riser-mounted attachments to maintain uniform chair heights above floor.
   E. Install chairs in curved rows at a smooth radius.
   F. Install seating so moving components operate smoothly and quietly.
   G. Install wiring conductors and cables concealed in components of seating and accessible for servicing.

3.03 FIELD QUALITY CONTROL
   A. Perform tests and inspections.
   B. Prepare test and inspection reports.

3.04 ADJUSTING
   A. Adjust chair backs so that they are properly aligned with each other.
   B. Adjust self-rising seat mechanisms so seats in each row are aligned when in upright position.
   C. Verify that all components and devices are operating properly.
   D. Repair minor abrasions and imperfections in finishes with coating that matches factory-applied finish.
   E. Replace upholstery fabric damaged during installation.

END OF SECTION
ABBREVIATIONS

GENERAL NOTES

INDEX OF DRAWINGS

PROJECT DATA

PROJECT DIRECTORY

SYMBOLS LEGEND

CODE ANALYSIS

PROJECT LOCATION
**KEYNOTES**

1. REMOVE EXISTING STORAGE RACK SYSTEM, COMPLETE.
2. REMOVE EXISTING LIGHT FIXTURES, COMPLETE. (U.N.O) SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION AND COORDINATE.
3. REMOVE EXISTING FIRE ALARMS AND PREPARE FOR RELOCATION, PROTECT SURFACES AND ASSOCIATED WIRING.
4. EXISTING PIPING RETAIN AND PROTECT.
5. EXISTING GLAZING SYSTEM RETAIN AND PROTECT.
6. REMOVE EXISTING ROOF DRAIN. RETAIN AND PROTECT.
7. REMOVE EXISTING SOUND BOOTH COMPLETE.

**DRAWING LEGEND**

- **HOT IN SCOPE OF WORK**
- **PROJECT LIMIT**
- **EXISTING WALLS, RETAIN AND PROTECT**
- **EXISTING FLOOR FINISH**

**NOT IN SCOPE OF WORK**

EXISTING WALLS, RETAIN AND PROTECT.
TOTAL AUDITORIUM SEATS: 1000

ADD ALT #1: AUDITORIUM PAINTING
- PATCH, REPAIR, AND PREPARE SURFACES FOR NEW PAINT FINISH, SEE ADD ALT #1 AUDITORIUM PAINTING NOTES THIS SHEET.
- PRIME THE SURFACES TO BE PAINTED PER COLOR.
- PAINT EACH SURFACE WITH THE COLOR INDICATED BY FINISH SCHEDULE WITH TWO COATS OF EPOXY PAINT, INSTALL (1000) FIXED AUDITORIUM SEATS, INCLUDING (9) ACCESSIBLE WHEELCHAIR SPACES; THE CONTRACTOR SHALL PATCH AND PREPARE SURFACES TO RECEIVE PAINT; TAP AND PAINT PER COLOR.

ADD ALT #2: AUDITORIUM SEATING
- PATCH, REPAIR, PREPARE, AND PAINT FLOOR WITH EPOXY PAINT. INSTALL (1000 COUNT, 2 VERIFY OPERATION OF ROPE SYSTEM AND REPORT ANY MALFUNCTIONS TO OWNER AND ARCHITECT IN WRITING.
- PROVIDE NEW FRAMING/DRYWALL FLAT TO THE GROUND, WITH NEW BARREL VAULTS TO BE PAINTED AS INSTRUCTED IN ADD ALT #2 AUDITORIUM PAINTING NOTES THIS SHEET.

ADD ALT #3: STAGE POWER & DATA
- PROVIDE NEW WOOD WAINSCOTTING TO MATCH EXISTING WHERE POWER OUTLETS WERE REMOVED, SEE ADD ALT #3 STAGE POWER & DATA NOTES THIS SHEET.
- INSTALL CITATION MODEL 90.12.10.4 WITH OWNER SELECTED FINISHES AND ACCESSORIES.
- WITH THE OWNER BASED ON EXISTING CONDITIONS.
- LOCATIONS, INCLUDING THE QUANTITY AND LOCATION ADA ACCESSIBLE SEATING.

ADD ALT #4: AUDITORIUM SIDEWALL
- SEE ADD ALT #4 AUDITORIUM SIDEWALL NOTES THIS SHEET.
- ADD ALTERNATIVE #04: AUDITORIUM SIDEWALL: NEW WORK SCOPE SALVAGED FROM AUDITORIUM SIDEWALL IN ADD ALT #4., CONTRACTOR TO USE SALVAGED WAINSCOTT.
- THE CONTRACTOR SHALL REPAIR WOOD WAINSCOTT WHERE BOXES WERE REMOVED IN DEMOLITION SCOPE BY ADD ALTERNATIVE#03: STAGE POWER AND DATA: NEW WORK SCOPE CITATION MODEL 90.12.10.4 WITH OWNER SELECTED FINISHES AND ACCESSORIES.
- WITH THE OWNER BASED ON EXISTING CONDITIONS.
- ADD ALTERNATIVE #02: REPLACE EXISTING AUDITORIUM SEATING WITH NEW SEATING: NEW WORK SCOPE PAINT PER COLOR.
- ADD ALTERNATIVE #01: PAINT AUDITORIUM WALLS AND CEILING W/4 DIFFERENT COLORS: NEW WORK SCOPE PROVIDE NEW FRAMING/DRYWALL FLAT TO THE GROUND, WITH NEW BARREL VAULTS TO BE PAINTED AS INSTRUCTED IN ADD ALT #2 AUDITORIUM PAINTING NOTES THIS SHEET.
- THE CONTRACTOR SHALL PATCH AND PREPARE SURFACES TO RECEIVE PAINT; PRIME THE SURFACES TO BE PAINTED PER COLOR.
VENT TO ROOF IN THE NEW CHANGING ROOM.
VENT LINE ABOVE ASSOCIATED SUPPORT SPACES

DESCRIPTION OF PLUMBING WORK

1. INSTALL NEW 2 INCH WASTE LINE BELOW SLAB AND CONNECT TO EXISTING WASTE LINE IN DRESSING ROOM.
2. INSTALL NEW STAINLESS STEEL SINK (TYP-3).
3. NEW LOCKERS. SEE SHEET A2.23 FOR ADDITIONAL INFORMATION AND COORDINATES.
4. EDGE OF BULKHEAD ABOVE.
5. EXISTING STRUCTURAL COLUMN RETAIN AND PROTECT.
6. CONNECT NEW COLD WATER LINE TO EXISTING COLD WATER LINE.
7. INSTALL NEW 2 INCH WASTE LINE BELOW SLAB TO SERVE NEW CHANGING ROOM SINKS. PATCH AND REPAIR FLOORING TO MATCH EXISTING UPON COMPLETION OF WORK.
8. CONNECT NEW HOT WATER LINE TO EXISTING HOT WATER LINE.
9. EXTEND NEW COLD AND HOT WATER LINES ABOVE CEILING TO EACH NEW SINK. INSULATE ALL NEW WATER LINES TO PREVENT FREEZING AND INSULATE ALL NEW VENT LINES TO PREVENT FREEZING.
10. MAKE NEW PIPING CONNECTIONS TO EXISTING DOMESTIC HOT AND COLD WATER LINES.
11. CONNECT NEW COLD WATER LINE TO EXISTING COLD WATER LINE.
12. INSTALL NEW 2 INCH WASTE LINE BELOW SLAB TO SERVE NEW CHANGING ROOM SINKS. PATCH AND REPAIR FLOORING TO MATCH EXISTING UPON COMPLETION OF WORK.
13. NEW MILLWORK SWING DOOR W/STOP.
14. CORNER BRACING AT TOP OF WALL, SEE DETAIL 6/A4.01 AND DETAIL 5/A4.02.

FURNISH AND INSTALL A COMPLETE SYSTEM OF PIPING, VALVES AND GRADIENTS, INCLUDING LOCAL JURISDICTIONAL CODES IN THE COUNTY AND/OR CITY IN WHICH WORK IS PERFORMED.

All work shall be performed in accordance with International Plumbing Code. Furnish product submittals to the architect for review and comment. Maintain access to exits at all times. Fire alarms and smoke detection systems shall remain in service during construction activities. Use local authorities having jurisdiction.

Keynotes:
• All dimensions are to finished face of wall unless noted otherwise. All clear dimensions are to be taken from face of finish.

Drawing Legend:
- NOT TO SCALE OF WORK
- AS CLEARED
- PROJECT LIMIT
- NEW CONCRETE SLAB ON GRADE
- EXISTING WALK, RETAIN AND PROTECT
- NEW WALK

Sheet Notes:
- DRAWING LEGEND
- DESCRIPTION OF PLUMBING WORK
- KEYNOTES

Sheet Notes:
- DRAWING LEGEND
- DESCRIPTION OF PLUMBING WORK
- KEYNOTES

Drawing Scale: 1/4" = 1'-0"

Issue Date: 02.07.2024

Client: BEN LOMOND HIGH SCHOOL AUDITORIUM REMODEL

Construction, Using and Maintaining the work described herein is intended solely for the purpose of constructing the project. Any use of these documents or use of this design, ideas, concepts described herein in whole or part by others except by written consent of Knit is strictly prohibited. Knit is the Architect of Record for the job.

Revision Date Comment
02.07.2024 02.07.2024

Project No: Title
1080 9TH STREET, OGDEN, UT 84404

Job No: Client
OGDEN SCHOOL DISTRICT
1. New security cameras shall be installed and coordinated with the electrical drawings and contracts.
2. "Auditorium" signage is to be 20" tall and brushed/natural satin finish aluminum letters.
4. Finish legend notes:
   A. Mark description
   B. Wall covering; repurposed wainscoting salvaged from auditorium side walls
   C. Finish trim; wood trim color: stain to match existing wood wainscoting
   D. Wall tile; Daltile Prime, stamina grey 12" x 24" wall tile
   E. Laminate; Wilsonart standard laminate matte finish, Kensington Maple 10776-60
   F. Solid surface countertop; Wilsonart solid surfacing, Quiet Swirl 9241SS
   G. Paint; Sherwin Williams color: Owner approved accent color 3
   H. Laminate; Wilsonart standard laminate matte finish, Pyramid Maple 1003
   I. Wallcovering; ReproFlo Kansas Sample
5. Conditions.
   A. Although notes may be given only once, many notes are typical for similar details & to continuing work.
   B. The contractor shall notify the architect in writing for clarification.
   C. Record any discrepancy on a reproducible document.
6. The contractor shall verify all existing conditions.
7. All notes are to be shown on all drawing views. Exception to be made only in the event of coordination conflicts.
8. To avoid confusion, coordinate with all contractors.
9. All drawings are to be used only for the purpose of construction and are not intended for sale or reproduction.
DOOR SCHEDULE

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<th>QTY</th>
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DOOR HARDWARE SET 01 - CLASSROOM FUNCTION

DOOR HARDWARE SET 02 - STORAGE ROOM FUNCTION

WINDOW SYSTEM TYPES

DOOR & FRAME TYPES

H.M. JAMB - DOOR

H.M. HEAD - DOOR