



Architecture
Civil Engineering
Planning
Surveying
Water Resources

Bid Addendum No. 2

PROJECT: The Center - Adaptive Reuse and Tenant Infill

DATE: 4/4/2023

OWNER/AGENT: Butte County Office of Education (BCOE)
1859 Bird Street
Oroville, CA 95965

ARCHITECT: Ty Yurkovic

NORTHSTAR PROJECT No. 19-022

A. This Addendum shall be considered part of the bid documents for the above mentioned project as though it had been issued at the same time and shall be incorporated integrally therewith. Where provisions of the following supplementary data differ from those of the original bid documents, this Addendum shall govern and take precedence.

B. Bidders are hereby notified that they shall make any necessary adjustments in their estimates as a result of this Addendum. It will be construed that each bidder's proposal is submitted with full knowledge of all modifications and supplemental data specified herein.

C. All changes in the documents are clouded and noted with Delta #4.

See attached drawings clarifying and adding the following:

Architecture: Missing sheets CG-1, CG-2, and CG-3 as previously indicated on the A000 title sheet index.

See attached Specification Sections clarifying and adding the following:

Architecture: Revised Accessories Schedule for missing/incorrect items.

Attachments:

Drawings: CG-1, CG-2, and CG-3

Specification Sections: 10 28 13

Sincerely,

Ty Yurkovic, AIA
Senior Architect

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes: Provide toilet accessories with attachment hardware and rough-in frames as required for complete, operational installation.
- B. Related Requirements:
 - 1. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.
 - 2. Section 06 10 00: In wall wood backing for support of accessories.
 - 3. Section 10 81 10 Electric Hand Dryers.

1.2 SUBMITTALS

All submittals shall be submitted under the provisions of Section 01 33 00.

- A. Submittal No. 10 28 13A (#) – Product Data: Provide product data on accessories describing size, finish, details of function, attachment methods and blocking requirements and locations prior to wall framing.
- B. Submittal No. 10 28 13B (#) –Installation Instructions: Submit manufacturers installation instructions for all specified products.

1.3 QUALITY ASSURANCE

- A. Access for Persons with Disabilities: Comply with California Building Code and Americans with Disabilities Act Accessibility Guidelines (ADAAG).
- B. ASTM C-1503-01 Silvered Flat Glass Mirror

1.4 DELIVERY, STORAGE AND HANDLING

- A. Deliver inserts and rough-in frames to jobsite at appropriate time for building in.
- B. Do not deliver accessories to site until rooms in which they are to be installed are ready to receive them.
- C. Pack accessories individually, protect each item and its finish.

1.5 PROJECT CONDITIONS

- A. Protect adjacent or adjoining finished surfaces from damage during installation of work of this section.
- B. Before starting work notify Architect in writing of conditions detrimental to installation or operation of units.
- C. Verify with Architect exact location of accessories.
- D. Coordinate the work of this Section with the placement of internal wall reinforcement and reinforcement to receive anchor attachments.

1.6 WARRANTY

- A. Special Warranty: Replace mirrors that exhibit signs of desilvering or distortion.
 - 1. Special Warranty Period: Two years.
- B. Special Warranty: Mirror Silver Spoilage Warranty.
 - 1. Special Warranty Period: Ten years

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Bobrick Washroom Equipment, Inc.
- B. Bradley Corporation.
- C. American Specialties, Inc.
- D. Substitutions: Refer to Section 01 25 00.

2.2 MATERIALS

- A. Stainless Steel Sheet: ASTM A666, commercial grade, Type 302/304, gages as standard with manufacturer of specified items.
- B. Stainless Steel Tubing: ASTM A269, commercial grade, seamless welded.
- C. Sheet Steel: ASTM A1008, cold rolled stretcher leveled; minimum G90 galvanized coating, ASTM A924 and A653.
- D. Adhesive: Epoxy type contact cement as recommended by accessory manufacturer.
- E. Fasteners, Screws, and Bolts: Hot dip galvanized; as recommended by accessory manufacturer for component and substrate.
- F. Keys: Provide universal keys for access to toilet accessory units requiring internal access for servicing and supply.
 - 1. Provide minimum six keys to Owner representative.
- G. Mirror Glazing: Mirror quality Number 1 clear float glass; 1/4" thick; full silver back coating, factory treated and sealed after cutting and finishing, sized as shown on drawings.
- H. Miscellaneous Metal Hangers: Provide manufacturer's standard concealed stainless-steel wall hangers.

2.3 FABRICATION

- A. Weld and grind smooth joints of fabricated components.
- B. Form exposed surfaces from one sheet of stock, free of joints.
- C. Fabricate units with tight seams and joints, exposed edges rolled; hang doors and access panels with continuous piano hinges; provide concealed anchorage where possible.
- D. Provide steel anchor plates and anchor components for installation on building finishes.

**SECTION 10 28 13
TOILET ACCESSORIES**

- E. Form surfaces flat without distortion; maintain flat surfaces without scratches and without dents; finish exposed edges eased, free of sharp edges where potential exists for physical contact.
- F. Back paint components where contact is made with building finishes, to prevent electrolysis.
- G. Hot dip galvanized ferrous metal anchors and fastening devices.
- H. Assemble components in shop; package complete with anchors and fittings.

2.4 FINISHES

- A. Exposed Finishes: Stainless steel, number 4, satin finish; satin chrome finish acceptable where stainless steel not available for accessory item listed or scheduled.
- B. Concealed Surfaces: Treat and clean, spray-apply one coat primer and baked enamel finish.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Provide templates and rough-in measurements.

3.2 INSTALLATION

- A. Install accessories in accordance with manufacturer's printed instructions using fasteners appropriate to substrate.
- B. Install true, plumb and level, securely and rigidly anchored to substrate.
- C. Use tamper-proof, security type fasteners.
- D. Adjust accessories for proper operation and verify mechanisms function smoothly.
- E. Replace damaged and defective items.
- F. Clean and polish exposed surfaces after removing temporary labels.



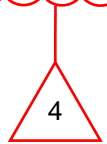
3.3 ACCESSORIES SCHEDULE

FRAMED MIRROR SIZE / ROOMS	Bobrick	Bradley	ASI
Standard: 18" wide x 3'-0" high See interior elevations	B-290-1836	SPR	Substitution per requirements (SPR)
TOILET ACCESSORIES:	Bobrick	Bradley	ASI
Paper Towel Dispenser/Waste Combo (Recessed)	B-3940	SPR	SPR
Paper Towel Dispenser (Surface Mount)	B-262	SPR	SPR
Soap Dispenser (Surface Mount)	B-2012	SPR	SPR
Toilet Paper Dispenser Multi-roll (Surface Mount)	B-2888	SPR	SPR
Toilet Paper Dispenser Multi-roll, semi-recessed	B-3888	5412	SPR
Toilet Paper Dispenser Multi-roll, partition recessed, double sided access	B-386	5422	SPR

**SECTION 10 28 13
TOILET ACCESSORIES**

Grab Bars (Surface Mount) 1 1/2" diameter, peened finish, straight length. (Sizes as indicated on the drawings)	B-6806.99	GB812-001	
Sanitary Napkin Disposal (Surface Mount)	B-254	SPR	SPR
Toilet Seat Cover Dispenser	B-221	SPR	SPR
Baby Changing Station	KB311-SSWM	SPR	SPR
Baby Changing Station	KB310-SSWM	SPR	SPR
SPECIMAN TURNTABLE PASS BOX	Bobrick	Bradley	ASI
SIZE/ROOMS			
Standard: 13 3/4" wide x 14" high Pharmacy and Urinalysis Toilet	SPR	SPR	0515

END OF SECTION





California

2019 CALIFORNIA GREEN BUILDING STANDARDS CODE
NONRESIDENTIAL MANDATORY MEASURES, SHEET 1 (July 2021, Includes July 2021 Supplement)

Table 5.504.4.1 - ADHESIVE VOC LIMIT. Less Water and Less Exempt Compounds in Grams per Liter. Architectural Applications, Current VOC Limit.

Table 5.504.4.2 - SEALANT VOC LIMIT. Less Water and Less Exempt Compounds in Grams per Liter. Sealants, Current VOC Limit.

Table 5.504.4.3 - VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS. Grams of VOC per Liter of Coating, Less Water & Less Exempt Compounds.

Table 5.504.4.4 - CARPET CUSHION. VOC Content Limits for Carpet Cushion.

Table 5.504.4.5 - COMPOSITE WOOD PRODUCTS. VOC Content Limits for Composite Wood Products.

Table 5.504.4.6 - RESILIENT FLOORING SYSTEMS. VOC Content Limits for Resilient Flooring Systems.

Table 5.504.4.7 - ENVIRONMENTAL TOBACCO SMOKE (ETS) CONTROL. Requirements for ETS Control.

Table 5.504.4.8 - INDOOR MOISTURE CONTROL. Requirements for Indoor Moisture Control.

Table 5.504.4.9 - INDOOR AIR QUALITY. Requirements for Indoor Air Quality.

Table 5.504.4.10 - ENVIRONMENTAL COMFORT. Requirements for Environmental Comfort.

Table 5.504.4.5 - FORMALDEHYDE LIMITS. Maximum Formaldehyde Emissions in Parts per Million.

5.504.4.6 Resilient flooring systems. Where resilient flooring is installed, at least 80 percent of floor area receiving resilient flooring shall meet the requirements of the California Department of Public Health, 'Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers,' Version 1.2, January 2017.

5.504.4.6.1 Verification of compliance. Documentation shall be provided verifying that resilient flooring materials meet the pollutant emission limits.

5.504.4.7 Environmental tobacco smoke (ETS) control. Where outdoor areas are provided for smoking, prohibit smoking within 25 feet of building entries, outdoor air intakes and operable windows and within the building.

5.504.4.8 Indoor moisture control. Buildings shall meet or exceed the provisions of California Building Code, CCR, Title 24, Part 2, Sections 1202 (Ventilation) and Chapter 14 (Exterior Walls).

5.504.4.9 Indoor air quality. For mechanically or naturally ventilated spaces in buildings, meet the minimum requirements of Section 120.1 (Requirements For Ventilation of the California Energy Code, or the applicable local code, whichever is more stringent, and Division 1, Chapter 4 of CCR, Title 8.

5.504.4.10 Environmental comfort. 5.507.4 ACoustical Control. Employ building assemblies and components with Sound Transmission Class (STC) values determined in accordance with ASTM E 90 and ASTM E 413, or Outdoor-Indoor Sound Transmission Class (OITC) determined in accordance with ASTM E 1332, using either the prescriptive or performance method in Section 5.507.4.1 or 5.507.4.2.

5.507.4.1 Exterior noise transmission, prescriptive method. Wall and roof-ceiling assemblies exposed to the noise source making up the building or addition envelope shall meet a composite STC rating of at least 50 or a composite OITC rating of no less than 40, with exterior windows of a minimum STC of 40 or OITC of 30 in the following locations:

5.507.4.1.1 Noise exposure. Noise contours are not readily available. Buildings exposed to a noise level of 65 dB Ldn - 1 hr during any hour of operation shall have building, addition or alteration exterior wall and roof-ceiling assemblies exposed to the noise source meeting a composite STC rating of at least 45 (or OITC 35), with exterior windows of a minimum STC of 40 (or OITC 30).

5.507.4.2 Performance Method. For buildings located as defined in Section 5.507.4.1, wall and roof-ceiling assemblies exposed to the noise source making up the building or addition envelope or altered envelope shall be constructed to provide an interior noise environment attributable to exterior sources that does not exceed an hourly equivalent noise level (Leq-1hr) of 50 dBA in occupied areas during any hour of operation.

5.507.4.2.1 Site Features. Exterior features such as sound walls or earth berms may be utilized as appropriate to the building, addition or alteration project to mitigate sound migration to the interior.

5.507.4.2.2 Documentation of Compliance. An acoustical analysis documenting complying interior sound levels shall be prepared by personnel approved by the architect or engineer of record.

5.507.4.3 Interior sound transmission. Wall and floor-ceiling assemblies separating tenant spaces and tenant spaces and public spaces shall have an STC of at least 40.

5.507.4.4 Noise exposure. Noise contours are not readily available. Buildings exposed to a noise level of 65 dB Ldn - 1 hr during any hour of operation shall have building, addition or alteration exterior wall and roof-ceiling assemblies exposed to the noise source meeting a composite STC rating of at least 45 (or OITC 35), with exterior windows of a minimum STC of 40 (or OITC 30).

5.508.2.1 Refrigerant piping. Piping compliant with the California Mechanical Code shall be installed to be accessible for leak protection and repairs. Piping runs using threaded pipe, copper tubing with an outside diameter (OD) less than 1/4 inch, flared tubing connections and short radius elbows shall not be used in refrigerant systems except as noted below.

5.508.2.1.1 Threaded pipe. Threaded connections are permitted at the compressor rack.

5.508.2.1.2 Copper pipe. Copper tubing with an OD less than 1/4 inch may be used in systems with a refrigerant charge of 5 pounds or less.

5.508.2.1.2.1 Anchorage. One-fourth-inch OD tubing shall be securely clamped to a rigid base to keep vibration levels below 8 mils.

5.508.2.1.3 Flared tubing connections. Double-flared tubing connections may be used for pressure controls, valve pilot lines and oil.

5.508.2.1.4 Elbows. Short radius elbows are only permitted where space limitations prohibit use of long radius elbows.

5.508.2.2 Valves. Valves and fittings shall comply with the California Mechanical Code and as follows:

5.508.2.2.1 Pressure relief valves. For vessels containing high-GWP refrigerant, a rupture disc shall be installed between the outlet of the vessel and the inlet of the pressure relief valve.

5.508.2.2.1.1 Pressure detection. A pressure gauge, pressure transducer or other device shall be installed in the space between the rupture disc and the relief valve inlet to indicate a disc rupture or discharge of the relief valve.

5.508.2.2.2 Access valves. Only Schrader access valves with a brass or steel body are permitted for use.

5.508.2.2.2.1 Valve caps. For systems with a refrigerant charge of 5 pounds or more, valve caps shall be brass or steel and not plastic.

5.508.2.2.2.1.1 Chain tethers. Chain tethers to fit over the stem are required for valves designed to have seal caps.

5.508.2.2.2.2 Seal caps. If designed for it, the cap shall have a neoprene O-ring in place. Exception: Valves with seal caps that are not removed from the valve during stem operation.

5.508.2.3 Refrigerated service cases. Refrigerated service cases holding food products containing vinegar and salt shall have evaporator coils of corrosion-resistant material, such as stainless steel, or be coated to prevent corrosion from these substances.

5.508.2.3.1 Coil coating. Consideration shall be given to the heat transfer efficiency of coil coating to maximize energy efficiency.

5.508.2.4 Refrigerant receivers. Refrigerant receivers with capacities greater than 200 pounds shall be fitted with a device that indicates the level of refrigerant in the receiver.

5.508.2.5 Pressure testing. The system shall be pressure tested during installation prior to evacuation and charging.

5.508.2.5.1 Minimum pressure. The system shall be charged with regulated dry nitrogen and appropriate tracer gas to bring system pressure up to 300 psig minimum.

5.508.2.5.2 Leaks. Check the system for leaks, repair any leaks, and retest for pressure using the same gauge.

5.508.2.5.3 Allowable pressure change. The system shall stand, unaltered, for 24 hours with no more than a +/- one-pound pressure change from 300 psig, measured with the same gauge.

5.508.2.6 Evacuation. The system shall be evacuated after pressure testing and prior to charging.

5.508.2.6.1 First vacuum. Pull a system vacuum down to at least 1000 microns (+/- 50 microns), and hold for 30 minutes.

5.508.2.6.2 Second vacuum. Pull a second system vacuum to a minimum of 500 microns and hold for 30 minutes.

5.508.2.6.3 Third vacuum. Pull a third vacuum down to a minimum of 300 microns, and hold for 24 hours with a maximum drift of 100 microns over a 24-hour period.

CHAPTER 7 INSTALLER & SPECIAL INSPECTOR QUALIFICATIONS

702 QUALIFICATIONS 702.1 INSTALLER TRAINING. HVAC system installers shall be trained and certified in the proper installation of HVAC systems including ducts and equipment by a nationally or regionally recognized training or certification program.

- 1. State certified apprenticeship programs.
2. Public utility training programs.
3. Training programs sponsored by trade, labor or statewide energy consulting or verification organizations.
4. Programs sponsored by manufacturing organizations.
5. Other programs acceptable to the enforcing agency.

702.2 SPECIAL INSPECTION [HCJ]. When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code.

- 1. Certification by a national or regional green building program or standard publisher.
2. Certification by a statewide energy consulting or verification organization, such as HERS raters, building performance contractors, and home energy auditors.
3. Successful completion of a third party apprentice training program in the appropriate trade.
4. Other programs acceptable to the enforcing agency.

Notes: 1. Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.

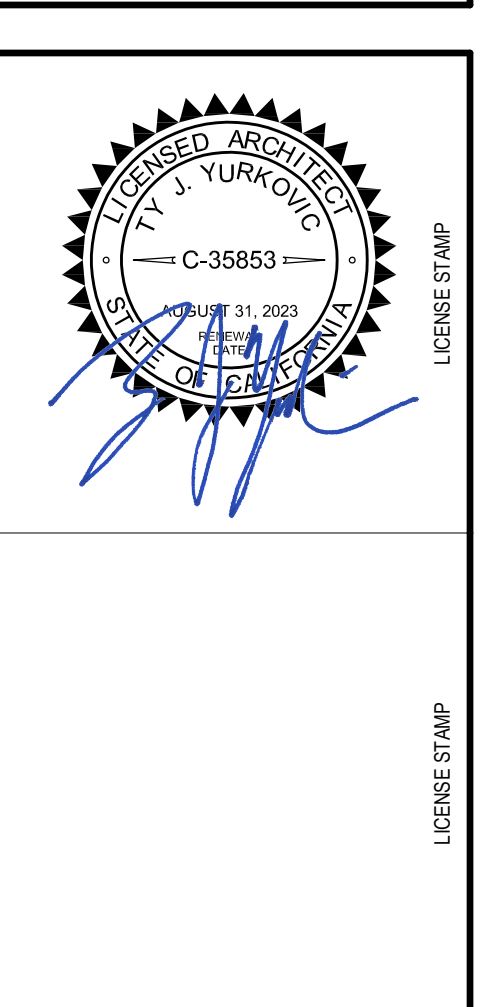
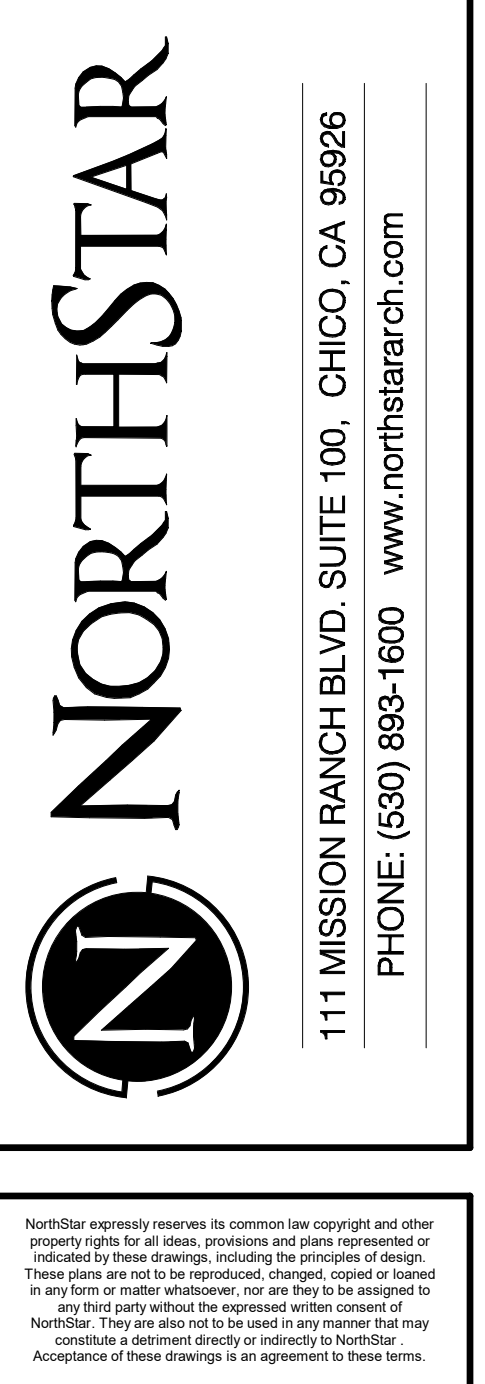
[BSC-CG] When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code.

703 VERIFICATIONS 703.1 DOCUMENTATION. Documentation used to show compliance with this code shall include but is not limited to, construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to the enforcing agency which demonstrate substantial conformance.

703.2 DOCUMENTATION. Documentation used to show compliance with this code shall include but is not limited to, construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to the enforcing agency which demonstrate substantial conformance.

703.3 VERIFICATIONS. Documentation used to show compliance with this code shall include but is not limited to, construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to the enforcing agency which demonstrate substantial conformance.

DISCLAIMER: THIS DOCUMENT IS PROVIDED AND INTENDED TO BE USED AS A MEANS TO INDICATE AREAS OF COMPLIANCE WITH THE CALIFORNIA GREEN BUILDING STANDARDS (CALGREEN) CODE. DUE TO THE VARIABLES BETWEEN BUILDING DEPARTMENT JURISDICTIONS, THIS CHECKLIST IS TO BE USED ON AN INDIVIDUAL PROJECT BASIS AND MAY BE MODIFIED BY THE END USER TO MEET THOSE INDIVIDUAL NEEDS. THE END USER ASSUMES ALL RESPONSIBILITY ASSOCIATED WITH THE USE OF THIS DOCUMENT, INCLUDING VERIFICATION WITH THE FULL CODE.



The Center for Learning and Resilience for Butte County Office of Education, 655 Olander Ave Chico, CA 95926 (APN: 003-180-021)

Table with columns: INITIAL SUBMITTAL, 228-ZZ, Date, and Description. Includes entries for BID ADDENDUM #2 dated 04/04/2023.

Sheet Title: CAL GREEN NON-RESIDENTIAL MANDATORY MEASURES. Scale: CONSTRUCTION DOCUMENTS. Status: Author/Checker. Date Issued: 12-01-2022. Project No: 19-022. Sheet No: 4. Includes a 'CG-3' stamp.