



ENGINEERING DEPARTMENT

**ADDENDUM TO THE CONTRACT  
for the  
Juneau School District (JSD)  
Office Exterior Upgrades**

**Contract No. E13-268**

**ADDENDUM NO.: ONE**

**CURRENT DEADLINE FOR BIDS:  
May 14, 2013**

**PREVIOUS ADDENDA: NONE**

**ISSUED BY:** City and Borough of Juneau  
ENGINEERING DEPARTMENT  
155 South Seward Street  
Juneau, Alaska 99801

**DATE ADDENDUM ISSUED: May 8, 2013**

The following items of the contract are modified as herein indicated. All other items remain the same. This addendum has been issued and is posted online. Please refer to the CBJ Engineering Contracts Division webpage at:

[http://www.juneau.org/engineering\\_ftp/contracts/Contracts.php](http://www.juneau.org/engineering_ftp/contracts/Contracts.php)

**SPECIFICATIONS:**

Item No. 1: **Add** the attached section 064600 Wood Trim, labeled Addendum One.

Item No. 2: Section 072500 – Weather Barriers: **Replace** 2.1 A. with the following:

- A. Building Wrap: Primary water-resistive weather barrier membrane components and accessories must be obtained as a single-source to ensure total system compatibility and integrity.
1. Basis of Design: Primary water-resistive weather barrier sheet membrane shall be WallShield® Water-Resistive Barrier Sheet by VaproShield, a zero VOC mechanically attached vapor permeable water-resistive sheet membrane consisting of multiple layers of UV stabilized spun-bonded polypropylene having the following properties:
    - a. Color: Green or Black
    - b. Water Vapor Permeance tested to ASTM E 96 Method B: 212 perms (12180ng/Pa.s.m<sup>2</sup>)
    - c. Water Resistance tested to AATCC 127, 550 mm hydrostatic head for 5 hours: No leakage
    - d. Tensile Strength tested to ASTM D 882: 25 lbf/inch (43.8 N/mm), machine direction; 20 lbf/inch (35.0 N/mm), cross-machine direction
    - e. Surface Burning Characteristics tested to ASTM E 84: Class A, Flame-spread index of less than 25, Smoke-development index of less than 450
    - f. Application Temperature: No temperature restrictions
    - g. Allowable UV Exposure Time: 270 days
    - h. Physical Dimensions: 0.020 inches (0.51 mm) thick, 59 inches (1.5 m) wide and 5 oz per sq. yd. (175 g/sq. m.)

2. Water Resistive Weather Barrier sheet membrane fasteners
  - a. Water-resistive air barrier sheet membrane fasteners shall be corrosion-resistant or stainless steel screws with preformed head caps.
  - b. Screw head caps for water-resistive air barrier sheet membrane shall be VaproCaps by VaproShield, a 1 $\frac{3}{4}$  inch diameter preformed head caps with a center throat hole that seals the membrane at the fastener penetration, specifically designed and tested to withstand wind loads and protect against water intrusion at screw penetrations.
  - c. Selection of fastener type is subject to sheathing board and substrate type. Manufacturer recommends subcontractor to supply and place corrosion-resistant or stainless steel screws sized to penetrate solid backing by  $\frac{3}{4}$  inch in conjunction with preformed screw head caps.
3. Water Resistive Weather Barrier joint & wall penetration sealant.
  - a. Water-resistive air barrier sealant compatible with sheet membrane shall be Dow Corning® 758, a modified silicon-based Sealant tested for compatibility with VaproShield products.
4. Water Resistive Weather Barrier transition and flashing membranes.
  - a. Self-adhered air barrier transition and flashing membrane shall be VaproFlashing SA™ by VaproShield, a zero VOC self-adhered water-resistive vapor permeable membrane having the following properties:
    - 1) VaproFlashing SA™ Orange: 11-1/2 inches or 19 inches wide x 164 feet long.
    - 2) Air Leakage: < 0.0000263 cfm/sq. ft. @ 75 Pa (0.000134 L/s/m sq @ 75 Pa) when tested in accordance with ASTM E 2178.
    - 3) Water Vapor Permeance tested to ASTM E 96 Method B: 50 perms (2875ng/Pa.s.m<sup>2</sup>).
    - 4) Water Resistance tested to AATCC 127, 550 mm hydrostatic head for 5 hours: No leakage.
5. Mechanically attached weather barrier transition and flashing membrane.
  - a. Shall be VaproFlashing by VaproShield, a zero VOC mechanically attached water-resistive vapor permeable membrane having the following properties:
    - 1) VaproFlashing Orange or Black: 6 1/2 inches, 11 3/4 inches or 19 2/3 inches wide x 164 feet long.
    - 2) Air Leakage: < 0.0000263 cfm/sq. ft. @ 75 Pa (0.000134 L/s/m sq @ 75 Pa) when tested in accordance with ASTM E 2178.
    - 3) Water Vapor Permeance tested to ASTM E 96 Method B: 50 perms (2875ng/Pa.s.m<sup>2</sup>).
    - 4) Water Resistance tested to AATCC 127, 550 mm hydrostatic head for 5 hours: No leakage
6. Water Resistive flashing and penetration tapes.
  - a. Tapes shall be VaproTape by VaproShield: UV stable, double/single sided, moisture-resistant flexible tape with adhesive backing having the following properties:
    - 1) VaproTape (Single-Sided): 20 mil thick by 2 inches (50 mm) wide penetration seam tape

- 2) VaproTape (Double-Sided): 30 mil thick by 1 inch (25 mm) wide penetration seam tape
  - 3) VaproAlumaTape: 20 mil thick by 4.5 inches (114 mm) and 9 inches (229 mm) wide, foil faced, UV stable, moisture-resistant flashing and membrane transition tape for use with silicone sealants
  - 4) Preformed window and door corners
7. Preformed window and door flashing membrane shall be VaproFlashing Factory Formed Corners™ by VaproShield, an 18 inch x 18 inch preformed 90 degree inside corner membrane with the same vapor permeance and resistance to air leakage physical properties as the primary air barrier membrane.

Item No. 3: Section 072500 – Weather Barriers, 2.1: **Delete** B and C.

Item No. 4: Section 074213.13 Formed Metal Wall Panels, 2.2 B.1: **Delete** “or comparable product by one of the following” and add “ Available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:”

Item No. 5: Section 074213.13 Formed Metal Wall Panels, 2.2 B.1: **Add** paragraph “h. Morin Corp.(Kingspan).”

Item No. 6: Section 074213.19 Insulated Metal Wall Panels, 2.2, **Add** paragraph C as follows:

C. Acceptable alternative panel (in lieu of Centria Formawall Graphix series) Reveal-Joint, Concealed-Fastener Interlocking Dry Joint Aluminum Wall Panel: Formed with vertical panel edges and a flat pan between panel edges with back stiffeners; with narrow reveal joint between panels.

1. Basis-of-Design Product: Subject to compliance with requirements, provide North Clad AL panel system. Available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
  - a. Dri-Design Wall Panel system
2. Aluminum Sheet: Coil-coated sheet, ASTM B 209 (ASTM B 209M), alloy as standard with manufacturer, with temper as required to suit forming operations and structural performance required.
  - a. Thickness: 0.062 inch.
  - b. Panel Depth: 1.25, nominal
  - c. Weight: Less than 2 lbs/sf
  - d. Surface: Smooth, flat finish.
  - e. Exterior Finish: Two-coat fluoropolymer.
  - f. Color: As selected by Architect from manufacturer’s full range.

Item No. 7: Section 087100 - Door hardware 3.2: **Replace** hardware groups 1 and 3 with the following:

GRP QTY	ITEM	MFR ABR	PRODUCT NO.
HW-01			
			CB1901R 630 4.5 X 4.5
3	BUTTS	STANLEY	NRP
1	WITH ELECTRIC TRANSFER ELECTRIC LATCH RETRACTION	PRECISION	EPT-5
1	EXIT DEVICE	PRECISION	ELR2103 630
1	POWER SUPPLY	PRECISION	ELR152
1	RIM CYLINDER	BEST	1E72 630
1	MORTISE CYLINDER	BEST	1E74 630
1	PULL	ROCKWOOD	RM3301- MEGATEK
1	CLOSER	NORTON	PR7500 x 7788 689
1	KICKPLATE	ROCKWOOD	K1050 12 X 2" LTDW 630
1	DOOR SWEEP	PEMKO	2221DV
1	THRESHOLD	PEMKO	2748 D
1	KEY SWITCH	ACSI	1310-2
1	WIRING DIAGRAMS		WIRING DIAGRAMS
1	CARD READER	LENEL	OPEN CARD - SECURE
1	WEATHERSTRIP	PEMKO	319DN

HW-03

			CB1901R 630 4.5 X 4.5
3	BUTTS	STANLEY	NRP
1	EXIT DEVICE	PRECISION	2101630
1	CLOSER	NORTON	PR7500 x 7788 689
1	KICKPLATE	ROCKWOOD	K1050 12 X 2" LTDW 630
1	WEATHERSTRIP	PEMKO	319DN
1	DOOR SWEEP	PEMKO	2221DV
1	THRESHOLD	PEMKO	2748D

**DRAWINGS:**

- Item No. 1 Sheet A002 Opening Schedule: Under glass column **delete** G1 for all type B doors.
- Item No. 2 Sheet A002 Window type: **Add** the following note "Wall thicknesses vary from room to room. Contractor to site verify jamb depth for each window to determine extension jamb material needed. Approximate existing conditions are: Dimension from outside face of EIFS to outside face of window frame +7"; Width of existing window frame, outside face to inside face +5 .25"; Dimension from inside face of window frame to finish wall is between 3.5" and 4" at all windows except as follows: First floor west office window type F –jamb depth 8.25"; First floor east offices (2) window type C – jamb depth 5.625" and window type A (1) @ 5", (1) @ 5.5" and (1) @ 5.625"; first floor office east of the stair with door 104, window type E – jamb depth 4.375". Second floor north stair window type A1 – jamb depth 10". Second floor south storage window type A- jamb depth 9.25".
- Item No. 3 Sheet A003 Detail 3: **Add** the following note: After the last day of school and before August 15th, additional parking is available on a first come first serve basis in the Harbor View Elementary staff parking lot.

- Item No. 4 Sheet A003 Detail 3: Extend leader and arrow to the hatch pattern at front of building from the following note: "Bid alternate See A201 and A300"
- Item No. 5 Sheet A201: **Add** the following note: "As part of base bid work, install a concrete slab with D-1 according to note 2 on A201. The concrete slab is to fill the rectangular shaped void created by removal of the concrete planter and wing wall indicated in note 8 on A300. Install slab flush with existing sidewalk all sides".
- Item No. 6 Sheet A300 note 1: **Change** note 1 to read "Remove windows, interior wood trim jamb/head/sill and casing and metal flashing typical".
- Item No. 7 Sheet A300 note 6: **Change** note 6 to read "Remove (22) surface mounted metal signs. Reinstall (16) signs as directed by architect. Return remaining signs to owner."
- Item No. 8 Sheet A300 note 8: **Change** note 8 to read " Remove concrete planter and concrete wing wall extending to face of building. Remove the concrete slab between the planter and the building leaving a rectangular shaped void in the sidewalk."
- Item No. 9 Sheet A301: **Add** the following general note: "Existing parapet height/top of wall +125'-6"."
- Item No. 10 Sheet A301, Detail 1: **Add** the following note: "Provide 3 vertical joints in the unbroken portion of wall approximately equally spaced. One at center and 2 approximately 28' from each building corner. Provide Centria reveal flashing and closures Centria Detail CS - 6005B (or approved equal). Final location of joint to be confirmed during shop drawing review. Provide full panel lengths between reveals."
- Item No. 11 Sheet A301 & A302: Provide continuous "Z" shaped metal flashing for entire perimeter of building at bottom of siding between windows. Vertical leg of Z at back- 6", horizontal leg- depth of siding and vertical face leg sized to match window sill flashing. Align flashing with window sill metal flashing and lap under siding at each side of windows.
- Item No. 12 Sheet A302 Detail 1: **Add** the following note: "Provide 2 vertical joints in the unbroken portion of wall approximately equally spaced. Provide Centria reveal flashing and closures Centria Detail CS -6005B (or approved equal). Final location of joint to be confirmed during shop drawing review. Provide full panel lengths between reveals."
- Item No. 13 Sheet A801 Detail 3&6: **Change** "Rain screen furring at 24" oc." to read " 7/8" 18 ga galv hat channel rain screen furring at 24" oc typical." Clark Dietrich or approved equal."
- Item No. 14 Sheet A801 Details 1,2,4&5: **Add** the following note: "Hollow Metal Frames 2"x6" with ½" stops typical. Provide painted wood trim extension jamb and 3 ½" wood trim casing at interior head and jamb similar to window trim, typical all doors. Locate exterior face of door frame 10" from face of metal siding typical. Exterior metal flashing at door jambs to be 4" wide from face of frame to corner/bend (not ½" as shown) then continue in direction of bend to face of metal siding as shown."
- Item No. 15 Sheet A802 Details 1,2,4&5: **Change** the interior window jamb, head and sill trim as shown on the attached detail SK-1 labeled Addendum 1. Typical window location is also shown in this detail. All other notes and materials in the details remain unchanged and still apply.
- Item No. 16 Sheet A802 Detail 6: After "remove ex EIFS below grade" **add** "provide 2" x 12" x continuous rigid insulation at face of building-below grade".

- Item No. 17 Sheet A802 Detail 6: **Add** the following note: Bottom of CMU to step up with existing grade. Bury CMU a maximum of one CMU unit and maximum space of 1" from grade to bottom of Steel/CMU. Slope grade away from face of building. Where paving abuts CMU provide ½" isolation material between CMU and paving. Slope patched paving to drain away from face of building.
- Item No. 18 Sheet A802 Detail 6: **Change** "continuous galv bent plate 8" x8" " to read " ¾"x8"x8" continuous galvanized bent plate where 5 or more courses rest on the plate and ¼" x 8"x8" continuous galv bent plate where 4 or fewer courses rest on the plate".
- Item No. 19 Sheet A802 Detail 6: **Delete** ¼" gussets.
- Item No. 20 Sheet A802 Detail 6: **Change** "½" x 3" galv exp bolt @ 24" oc" to read "1/2" dia galv threaded rod/washer and nut. Embed 6" into concrete with Simpson SET XP. Set as follows: 2 aligned vertically every 16" oc horizontal with the top rod at 1.5 inches from the top of the bent plate and the other 6.5 inches from the top of the bent plate.
- Item No. 21 Sheet A803 Detail 3: **Add** the following note: 5/8" diameter stainless steel standoffs Gyford Standoff or approved equal. Screws by Sign manufacturer. Provide cap/plug for each fastener/standoff.
- Item No. 22 Sheet S200 Detail C: **Change** the ¾" x 2 ¾" x 6" bent plate shown at the face of the canopy to a bent plate configured as follows: The sloping portion of the bent plate is 3¾" wide x 6" with bolt holes indicated. The vertical leg of the bent plate is ¾"thick x 12" at the base tapering to 3 ¾" at the bend. The dimension from the top of the channel to the bend is 5½". See 3/A803 for additional information.
- Item No. 23 Sheet E201: Door access key pad. **Change** location of keypad to north side of door.
- Item No. 24 Sheet E201: **Add** the following general note: "Provide box extension at all existing devices/boxes as required to accommodate new exterior finish."
- Item No. 25 Sheet E201: **Add** the following to Note 5: "typical (3) locations".

By:   
Jennifer Mannix,  
Contract Administrator

Total number of pages contained within this Addendum: 10

## **SECTION 064600 - WOOD TRIM**

### **PART 1 - GENERAL**

#### 1.1 SUMMARY

- A. Section Includes:
  - 1. Interior standing and running trim.
  - 2. Shop priming of wood trim.

#### 1.2 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Shop Drawings: Show location of each item, dimensioned plans and elevations, large-scale details, attachment devices, and other components.

#### 1.3 INFORMATIONAL SUBMITTALS

- A. Woodwork Quality Standard Compliance Certificates: AWI Quality Certification Program certificates.

### **PART 2 - PRODUCTS**

#### 2.1 WOOD TRIM, GENERAL

- A. Quality Standard: Unless otherwise indicated, comply with the "Architectural Woodwork Standards" for grades of wood trim indicated for construction, finishes, installation, and other requirements.
  - 1. Provide labels from AWI certification program indicating that woodwork complies with requirements of grades specified.

#### 2.2 INTERIOR STANDING AND RUNNING TRIM FOR OPAQUE FINISH

- A. Grade: Custom.
- B. Wood Species: Any closed-grain hardwood.

#### 2.3 WOOD MATERIALS

- A. Wood Products: Provide materials that comply with requirements of referenced quality standard for each type of wood trim and quality grade specified unless otherwise indicated.
  - 1. Wood Moisture Content for Interior Materials: 8 to 13 percent.

## SECTION 064600 - WOOD TRIM

### 2.4 MISCELLANEOUS MATERIALS

- A. Interior Furring, Blocking, Shims, and Hanging Strips: Softwood or hardwood lumber, kiln dried to less than 15 percent moisture content.
- B. Provide self-drilling screws for metal-framing supports.
- C. Adhesives: Do not use adhesives that contain urea formaldehyde.
- D. VOC Limits for Installation Adhesives and Sealants: Use products that comply with the following limits for VOC content when calculated according to 40 CFR 59, Subpart D (EPA Method 24):
  - 1. Wood Glues: 30 g/L.
  - 2. Multipurpose Construction Adhesives: 70 g/L.
  - 3. Structural Wood Member Adhesive: 140 g/L.
  - 4. Architectural Sealants: 250 g/L.

### 2.5 FABRICATION

- A. Fabricate wood trim to dimensions, profiles, and details indicated. Ease edges to radius indicated for the following:
  - 1. Edges of Solid-Wood (Lumber) Members: **1/16 inch (1.5 mm)** unless otherwise indicated.
- B. Backout or groove backs of flat trim members and kerf backs of other wide, flat members except for members with ends exposed in finished work.
- C. Assemble casings in shop except where shipping limitations require field assembly.

### 2.6 SHOP PRIMING

- A. Interior Wood Trim for Opaque Finish: Shop prime with one coat of wood primer specified in Section 099123 "Interior Painting."
- B. Preparations for Finishing: Comply with referenced quality standard for sanding, filling countersunk fasteners, sealing concealed surfaces, and similar preparations for finishing wood trim, as applicable to each unit of work.
  - 1. Backpriming: Apply one coat of sealer or primer, compatible with finish coats, to concealed surfaces of wood trim.



## SECTION 064600 - WOOD TRIM

### PART 3 - EXECUTION

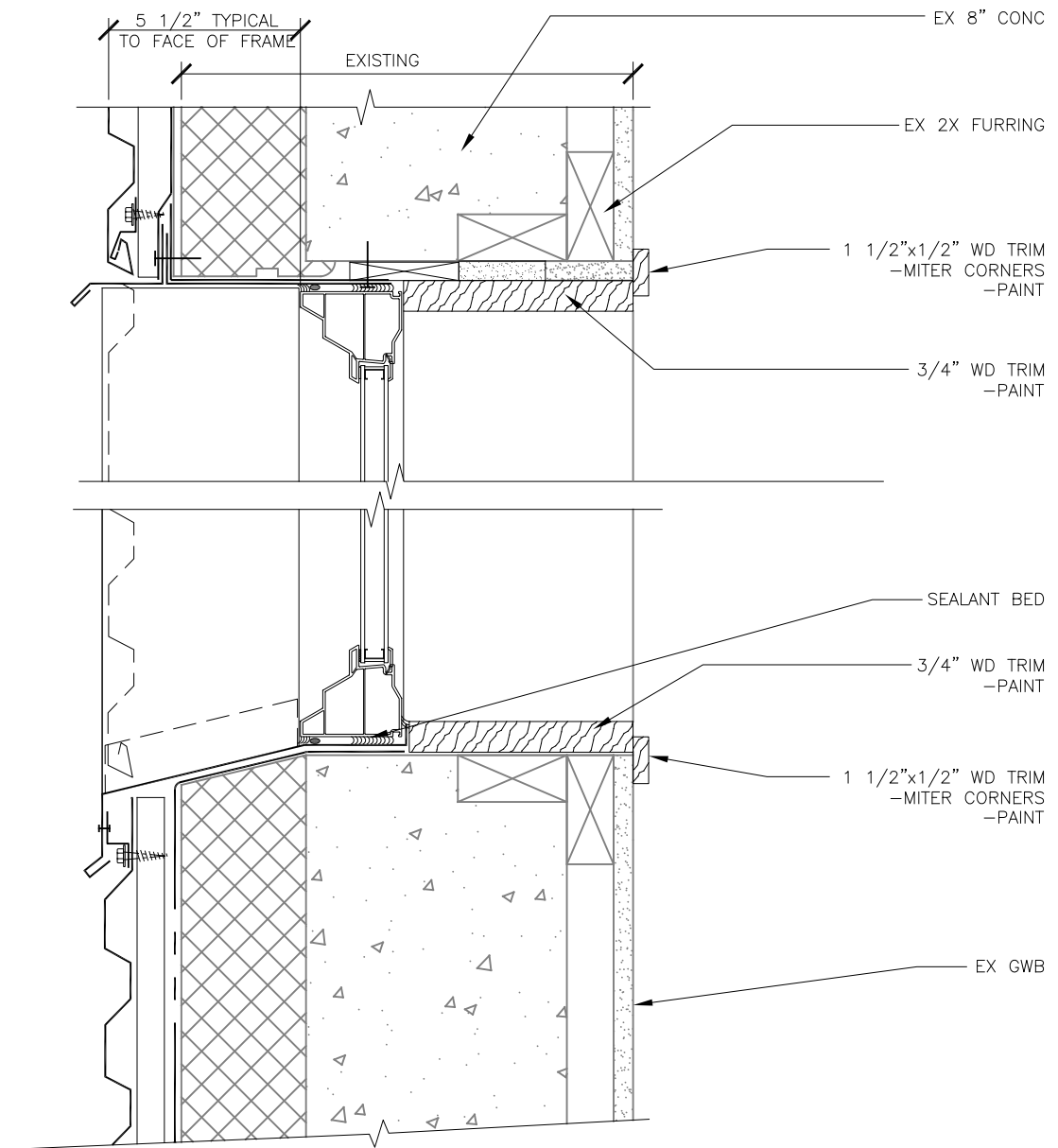
#### 3.1 PREPARATION

- A. Before installation, condition wood trim to average prevailing humidity conditions in installation areas.

#### 3.2 INSTALLATION

- A. Grade: Install wood trim to comply with same grade as item to be installed.
- B. Install wood trim level, plumb, true, and straight. Shim as required with concealed shims. Install level and plumb to a tolerance of **1/8 inch in 96 inches (3 mm in 2400 mm)**.
- C. Scribe and cut wood trim to fit adjoining work, refinish cut surfaces, and repair damaged finish at cuts.
- D. Anchor wood trim to anchors or blocking built in or directly attached to substrates. Secure with countersunk, concealed fasteners and blind nailing. Use fine finishing nails or finishing screws for exposed fastening, countersunk and filled flush with woodwork.
- E. Standing and Running Trim: Install with minimum number of joints possible, using full-length pieces (from maximum length of lumber available) to greatest extent possible. Do not use pieces less than **36 inches (900 mm)** long except where shorter single-length pieces are necessary.
  1. Install standing and running trim with no more variation from a straight line than **1/8 inch in 96 inches (3 mm in 2400 mm)**.

**END OF SECTION 064600**



**SK-1 WINDOW HEAD & SILL (JAMB SIM)**  
13018/X\_SK-1

SCALE: 0 3" 6" 1'

**Jensen  
Yorba  
Lott**  
Inc.  
522 West 10th Street  
Juneau, Alaska 99801  
phone 907-586-1070  
fax 907-586-3959  
jensenyorbalott.com

**CBJ JUNEAU SCHOOL DISTRICT  
OFFICE EXTERIOR UPGRADES**

ADDENDUM #1  
05-07-2013

**SK-1**