

Kitsap Transit
CHARLESTON BASE EXPANSION
IFB KT08-384
ADDENDUM 3
October 7, 2008

TO ALL BIDDERS:

The original specifications and drawings for the project noted above are amended by this Addendum #3

Receipt of this addendum shall be acknowledged by inserting its number in the space provided on the bid form. This addendum has been sent to the firms and plan centers listed on the cover sheet. If you are downloading this Addendum #3 from the Kitsap Transit website, please download [CBE ADD 3.PDF](#). This document has been revised to reflect the following changes:

Don Laford, Construction Manager

ADD Specification 06402 – Interior Architectural Wood work; to the Project Contract Documents;

SECTION 06402 - INTERIOR ARCHITECTURAL WOODWORK

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes the following:
 - 1. Wood cabinets.
 - 2. Plastic-laminate countertops.
 - 3. Shop finishing of woodwork.
- B. Interior architectural woodwork includes wood furring, blocking, shims, and hanging strips unless concealed within other construction before woodwork installation.
- C. Rough carriages for stairs are a part of interior architectural woodwork. Platform framing, headers, partition framing, and other rough framing associated with stairwork are specified in Division 6 Section "Rough Carpentry."

1.2 SUBMITTALS

- A. Product Data: For finishing materials and processes.

- B. Shop Drawings: Show location of each item, dimensioned plans and elevations, large-scale details, attachment devices, and other components.
- C. Samples:
 - 1. Lumber and panel products for transparent finish, for each species and cut, finished on one side and one edge.
 - 2. Plastic-laminates, for each type, color, pattern, and surface finish.
- D. Woodwork Quality Standard Compliance Certificates: AWI Quality Certification Program certificates.

1.3 QUALITY ASSURANCE

- A. Installer Qualifications: Fabricator of woodwork.
- B. Quality Standard: Unless otherwise indicated, comply with AWI's "Architectural Woodwork Quality Standards."

1.4 PROJECT CONDITIONS

- A. Environmental Limitations: Do not deliver or install woodwork until building is enclosed, wet work is complete, and HVAC system is operating and maintaining temperature and relative humidity at occupancy levels during the remainder of the construction period.

PART 2 - PRODUCTS

2.1 WOODWORK FABRICATORS

- A. Fabricators: Subject to compliance with requirements, provide interior architectural woodwork by one of the following:

2.2 MATERIALS

- A. Wood Species and Cut for Transparent Finish: birch, plain sawn or sliced.
- B. Wood Products:
 - 1. Hardboard: AHA A135.4.
 - 2. Medium-Density Fiberboard: ANSI A208.2, Grade MD, made with binder containing no urea formaldehyde.
 - 3. Particleboard: ANSI A208.1, Grade M-2.
- C. Thermoset Decorative Panels: Particleboard or medium-density fiberboard finished with thermally fused, melamine-impregnated decorative paper complying with LMA SAT-1.

- D. High-Pressure Decorative Laminate: NEMA LD 3, grades as indicated or, if not indicated, as required by woodwork quality standard.

2.3 CABINET HARDWARE AND ACCESSORIES

- A. General: Provide cabinet hardware and accessory materials associated with architectural woodwork, except for items specified in Division 8 Section "Door Hardware (Scheduled by Describing Products)."
- B. Butt Hinges: 2-3/4-inch, 5-knuckle steel hinges made from 0.095-inch-thick metal, and as follows:
 - 1. Semiconcealed Hinges for Overlay Doors: BHMA A156.9, B01521.
- C. Back-Mounted Pulls: BHMA A156.9, B02011.
- D. Wire Pulls: Back mounted, solid metal, 5 inches long, 2-1/2 inches deep, and 5/16 inch in diameter.
- E. Catches: Magnetic catches, BHMA A156.9, B03141.
- F. Drawer Slides: BHMA A156.9, B05091.
 - 1. Standard Duty (Grade 1, Grade 2, and Grade 3): Side mounted and extending under bottom edge of drawer; partial-extension type; zinc-plated steel with polymer rollers.
- G. Exposed Hardware Finishes: For exposed hardware, provide finish that complies with BHMA A156.18 for BHMA finish number indicated.
 - 1. Satin Stainless Steel: BHMA 630.

2.4 MISCELLANEOUS MATERIALS

- A. Furring, Blocking, Shims, and Hanging Strips: Softwood or hardwood lumber, kiln-dried to less than 15 percent moisture content.
- B. Adhesives, General: Do not use adhesives that contain urea formaldehyde.

2.5 FABRICATION

- A. General: Complete fabrication to maximum extent possible before shipment to Project site. Where necessary for fitting at site, provide allowance for scribing, trimming, and fitting.
 - 1. Interior Woodwork Grade: Custom.
 - 2. Shop cut openings to maximum extent possible. Sand edges of cutouts to remove splinters and burrs. Seal edges of openings in countertops with a coat of varnish.

B. Wood Cabinets for Transparent Finish:

1. AWI Type of Cabinet Construction: Flush overlay.
2. WI Construction Type: Type I, multiple self-supporting units rigidly joined together.
3. WI Door and Drawer Front Style: Flush overlay.
4. Reveal Dimension: 1/2 inch.
5. Grain Direction: Vertically for drawer fronts, doors, and fixed panels.
6. Matching of Veneer Leaves: Random match.
7. Veneer Matching within Panel Face: Center-balance match.
8. Semiexposed Surfaces Other Than Drawer Bodies: Thermoset decorative panels.
9. Drawer Sides and Backs: Thermoset decorative panels.
10. Drawer Bottoms: Thermoset decorative panels.
11. Provide dust panels of 1/4-inch plywood or tempered hardboard above compartments and drawers, unless located directly under tops.

C. Plastic-Laminate Countertops:

1. High-Pressure Decorative Laminate Grade: HGS.
2. Colors, Patterns, and Finishes: As selected by Architect from laminate manufacturer's full range of solid colors and patterns finish.
3. Edge Treatment: Same as laminate cladding on horizontal surfaces.
4. Core Material at Sinks: Exterior-grade plywood.

2.6 SHOP FINISHING

- A. Finish architectural woodwork at fabrication shop. Defer only final touchup, cleaning, and polishing until after installation.
- B. Backpriming: Apply one coat of sealer or primer, compatible with finish coats, to concealed surfaces of woodwork. Apply two coats to back of paneling.
- C. Transparent Finish:
1. Grade: Custom.
 2. AWI Finish System: Acrylic lacquer.
 3. Staining: None required.
 4. Sheen: Semigloss, 46-60 gloss units measured on 60-degree gloss meter per ASTM D 523.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Before installation, condition woodwork to average prevailing humidity conditions in installation areas. Examine shop-fabricated work for completion and complete work as required, including removal of packing and backpriming.

- B. Grade: Install woodwork to comply with requirements for the same grade specified in Part 2 for fabrication of type of woodwork involved.
- C. Install woodwork level, plumb, true, and straight to a tolerance of 1/8 inch in 96 inches. Shim as required with concealed shims.
- D. Scribe and cut woodwork to fit adjoining work, refinish cut surfaces, and repair damaged finish at cuts.
- E. Anchor woodwork to anchors or blocking built in or directly attached to substrates. Secure with countersunk, concealed fasteners and blind nailing as required for complete installation. Use fine finishing nails for exposed fastening, countersunk and filled flush with woodwork and matching final finish if transparent finish is indicated.
- F. Cabinets: Install without distortion so doors and drawers fit openings properly and are accurately aligned. Adjust hardware to center doors and drawers in openings and to provide unencumbered operation.
 - 1. Fasten wall cabinets through back, near top and bottom, at ends and not more than 16 inches o.c. with No. 10 wafer-head screws sized for 1-inch penetration into wood framing, blocking, or hanging strips.
- G. Countertops: Anchor securely by screwing through corner blocks of base cabinets or other supports into underside of countertop. Calk space between backsplash and wall with sealant specified in Division 7 Section "Joint Sealants."

END OF SECTION 06402

ADD Specification 09681 Carpet Tile: as follows:

SECTION 09681 – CARPET TILE

PART 4 - GENERAL

4.1 SUMMARY

- A. This Section includes:
 - 1. Modular loop carpet tile for adhesion to concrete floor slabs.
- B. Related Sections including the following:
 - 1. Section 09653 - Resilient Wall Base and Accessories for resilient wall base and accessories installed with carpet tile.

4.2 SUBMITTALS

- A. Product Data: For each product indicated.
- B. Shop Drawings: Show the following:
 - 1. Carpet tile type, color, and dye lot.
 - 2. Pattern of installation.
 - 3. Coordination with access flooring.
 - 4. Edge, transition, and other accessory strips.
 - 5. Transition details to other flooring materials.
- C. Samples: For each color and texture required.
 - 1. Carpet Tile: Full-size Samples with and without access floor locator tabs.
 - 2. Exposed Edge, Transition, and other Accessory Stripping: 12-inch- long Samples.
- D. Product Schedule: For carpet tile. Use same designations indicated on Drawings.
- E. Maintenance data.

4.3 QUALITY ASSURANCE

- A. Referenced Standards: This Section incorporates by reference the latest revision of the following documents. They are a part of this Section as specified and modified. In case of conflict between the requirements of this Section and that of the listed document, the requirements of this Section shall govern.

<u>Reference</u>	<u>Title</u>
AATCC 16	Colorfastness to Light
AATCC 24	Resistance of Textiles to Insects
AATCC 134	Electrostatic Propensity of Carpets
ASTM D1335	Test Method for Tuft Bind of Pile Yarn Floor Coverings
ASTM D2646	Test Methods for Backing Fabric Characteristics of Pile Yarn Floor Coverings
ASTM D3936	Test Method for Resistance to Delamination of the Secondary Backing of Pile Yarn Floor Covering
ASTM D5116	Guide for Small-Scale Environmental Chamber Determinations of Organic Emissions from Indoor Materials/Products
ASTM D6859	Test Method for Pile Thickness of Finished Level Pile Yarn Floor Coverings
ASTM E648	Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source
ASTM F710	Practice for Preparing Concrete Floors and Other Monolithic Floors to Receive Resilient Flooring
CRI 104	Standard for Installation Specification of Commercial Carpet
ISO 2551 (Aachen Test)	Machine-Made Textile Floor Coverings - Determination of Dimensional Changes in Varying Moisture Conditions

- B. Single Source: All carpet tile in the work shall be by the same manufacturer.

- C. Installer Qualifications: An experienced installer who is certified by the Floor Covering Installation Board or who can demonstrate compliance with its certification program requirements.
- D. Mockups: Before installing carpet tile, build mockups to verify selections made under sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution.
 - 1. Approved mockups may become part of the completed Work if undamaged at time of Substantial Completion.

4.4 DELIVERY, STORAGE, AND HANDLING

- A. Comply with CRI 104, Section 5, "Storage and Handling."

4.5 PROJECT CONDITIONS

- A. Comply with CRI 104, Section 7.2, "Site Conditions; Temperature and Humidity" and Section 7.12, "Ventilation."
- B. Environmental Limitations: Do not install carpet tiles until wet work in spaces is complete and dry, and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.
- C. Do not install carpet tiles over concrete slabs until slabs have cured and are sufficiently dry to bond with adhesive and concrete slabs have pH range recommended by carpet tile manufacturer.
- D. Where demountable partitions or other items are indicated for installation on top of carpet tiles, install carpet tiles before installing these items.

4.6 WARRANTY

- A. Special Warranty for Carpet Tiles: Manufacturer's standard form in which manufacturer agrees to repair or replace components of carpet tile installation that fail in materials or workmanship within specified warranty period. Failures include, but are not limited to, more than 10 percent loss of face fiber, edge raveling, snags, runs, loss of tuft bind strength, dimensional stability, excess static discharge, and delamination.
 - 1. Warranty Period: 10 years from date of Substantial Completion.

4.7 EXTRA MATERIALS

- A. Furnish extra materials described below, before installation begins, that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.

1. Carpet Tile without Locator Tabs: Full-size units equal to 5 percent of amount installed for each type indicated, but not less than 10 sq. yd.

PART 5 - PRODUCTS

5.1 CARPET TILE

- A. Basis of Design Products: Subject to compliance with requirements, provide the following, or approved comparable products.

- B. Carpet Tile:

1. Manufacturer: Lees Carpets, Inc.
2. Style: Name: SisalTile II modular.
3. Style Number: DA983.
4. Color: Wood Reedgrass
5. Fiber Brand: Antron Legacy Nylon with soil protection.
6. Dye Method: 100% Yarn Dyed.
7. Primary Backing: Fiberglass reinforced thermosplastic.
8. Secondard Backing: Ecoworx.
9. Average Yarn Weight: 26 oz/sq. yd.
10. Radiant Panel (ASTM E648): Class 1.
11. Flaming Mode: less than 450.
12. Type Static Control: Permanent Conductive Fiber.
13. Installation (tile): 1/4 turn only.
14. Size: 24 inch by 24 inch tile
15. Warranty: Shaw Lifetime High.
16. Performance Characteristics:
 - a. Critical Radiant Flux Classification: Not less than 0.45 W/sq. cm.
 - b. Dry Breaking Strength: Not less than 100 lbf per ASTM D 2646.
 - c. Tuft Bind: Not less than 10 lbf per ASTM D 1335.
 - d. Delamination: Not less than 4 lbf/in. per ASTM D 3936.
 - e. Dimensional Tolerance: Within 1/32 inch of specified size dimensions, as determined by physical measurement.
 - f. Dimensional Stability: 0.2 percent or less per ISO 2551 (Aachen Test).
 - g. Resistance to Insects: Comply with AATCC 24.
 - h. Colorfastness to Crocking: Not less than 4, wet and dry, per AATCC 165.
 - i. Colorfastness to Light: Not less than 4 after 60 AFU (AATCC fading units) per AATCC 16, Option E.
 - j. Antimicrobial Activity: Not less than 2-mm halo of inhibition for gram-positive bacteria; not less than 1-mm halo of inhibition for gram-negative bacteria; no fungal growth; per AATCC 174.
 - k. Electrostatic Propensity: Less than 3.5 kV per AATCC 134.

5.2 INSTALLATION ACCESSORIES

- A. Trowelable Leveling and Patching Compounds: Latex-modified, hydraulic-cement-based formulation provided or recommended by carpet tile manufacturer.
- B. Adhesives: Water-resistant, mildew-resistant, nonstaining, pressure-sensitive type to suit products and subfloor conditions indicated, that complies with flammability requirements for installed carpet tile and is recommended by carpet tile manufacturer for releasable installation.

PART 6 - EXECUTION

6.1 INSTALLATION

- A. General: Comply with CRI 104, Section 14, "Carpet Modules," and with carpet tile manufacturer's written installation instructions.
- B. Installation Method: As recommended in writing by carpet tile manufacturer.
- C. For installation on concrete floor slabs, use staggered joint installation in alternating rows.
- D. Extend carpet tile into toe spaces, door reveals, closets, open-bottomed obstructions, removable flanges, alcoves, and similar openings.
- E. Install pattern parallel to walls and borders.

END OF SECTION 09681

ADD Specification 10260 Impact-Resistant Wall Protection: As follows:

SECTION 10260

IMPACT-RESISTANT WALL PROTECTION

PART 1 GENERAL

1.01 SUMMARY

- A. This Section includes the following:
 - 1. Corner guards.
- B. Related Sections including the following:
 - 1. Section 01150 - Sustainable Design and Construction.

2. Section 08710 - Door Hardware for metal armor, kick, mop, and push plates.

1.02 SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Shop Drawings: Include sections, details, and attachments to other work.
- C. Samples: For each type of unit and for each color and texture required.
- D. Maintenance data.

1.03 QUALITY ASSURANCE

- A. Referenced Standards: This Section incorporates by reference the latest revision of the following documents. They are a part of this Section as specified and modified. In case of conflict between the requirements of this Section and that of the listed document, the requirements of this Section shall govern.

<u>Reference</u>	<u>Title</u>
ASTM A 240A	Specification for Heat-Resisting Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels
NAAMM	Metal Finishes Manual for Architectural and Metal Products
40 CFR Part 59S	National Volatile Organic Compound Emission Standards for Architectural Coatings

1.04 DELIVERY, STORAGE, AND HANDLING

- A. Store plastic wall-protection components for a minimum of 72 hours, or until plastic material attains a minimum room temperature of 70 deg F.

1.05 WARRANTY

- A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of impact-resistant wall-protection units that fail in materials or workmanship within specified warranty period.
 - 1. Warranty Period: Five years from date of Substantial Completion.

PART 2 PRODUCTS

- A. Surface-Mounted, Metal Corner Guards: Fabricated from 1-piece, formed or extruded metal with formed edges; with 90- or 135-degree turn to match wall condition. Basis of Design product American Floor Products CG-2143 or approved equal.
 - 1. Available Manufacturers:
 - a. American Floor Products Co., Inc.
 - b. ARDEN Architectural Specialties, Inc.
 - c. Balco, Inc.
 - d. Boston Retail Products.

- e. Construction Specialties, Inc.
 - f. IPC Door and Wall Protection Systems; Division of InPro Corporation.
 - g. Pawling Corporation.
2. Material: Stainless steel, Type 304.
 - a. Thickness: Minimum 0.0625 inch.
 - b. Finish: Directional satin, No. 4.
 3. Wing Size: Nominal 1.5 by 1.5 inches.
 4. Corner Radius: 1/8 inch.
 5. Mounting: Flat-head, countersunk screws through factory-drilled mounting holes.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Complete finishing operations, including painting, before installing impact-resistant wall-protection system components.
- B. Install 4-foot high corner guard unless noted otherwise on the Drawing.
- C. Install impact-resistant wall-protection units level, plumb, and true to line without distortions. Do not use materials with chips, cracks, voids, stains, or other defects that might be visible in the finished Work.
- D. Provide splices, mounting hardware, anchors, and other accessories required for a complete installation.
- E. Immediately after completion of installation, clean corner guard surfaces using a standard, ammonia-based, household cleaning agent.

END OF SECTION 10260

Refer to Specification 11165 Vehicle Fueling System

Para 2.1 Add note:

Fuel dispenser supply line feed from overhead to dispenser. Either provide code approved side access from fuel supply to emergency valve in dispenser, or provide above grade stainless steel containment basin under dispensers to allow below unit access of fuel supply to emergency valve. Containment basin shall not exceed 15" in height.

Refer to Specification 15140: Par 2.1 Materials Insert new A. Sanitary Sewer Pipe (Below Grade)

1. Sanitary sewer pipe shall be PVC SDR-35 per W.S.D.O.T. Spec 9-05.12(1) Solid Wall Sanitary Sewer Pipe.

Refer to Dwg. C101 and C102: Add Note #7

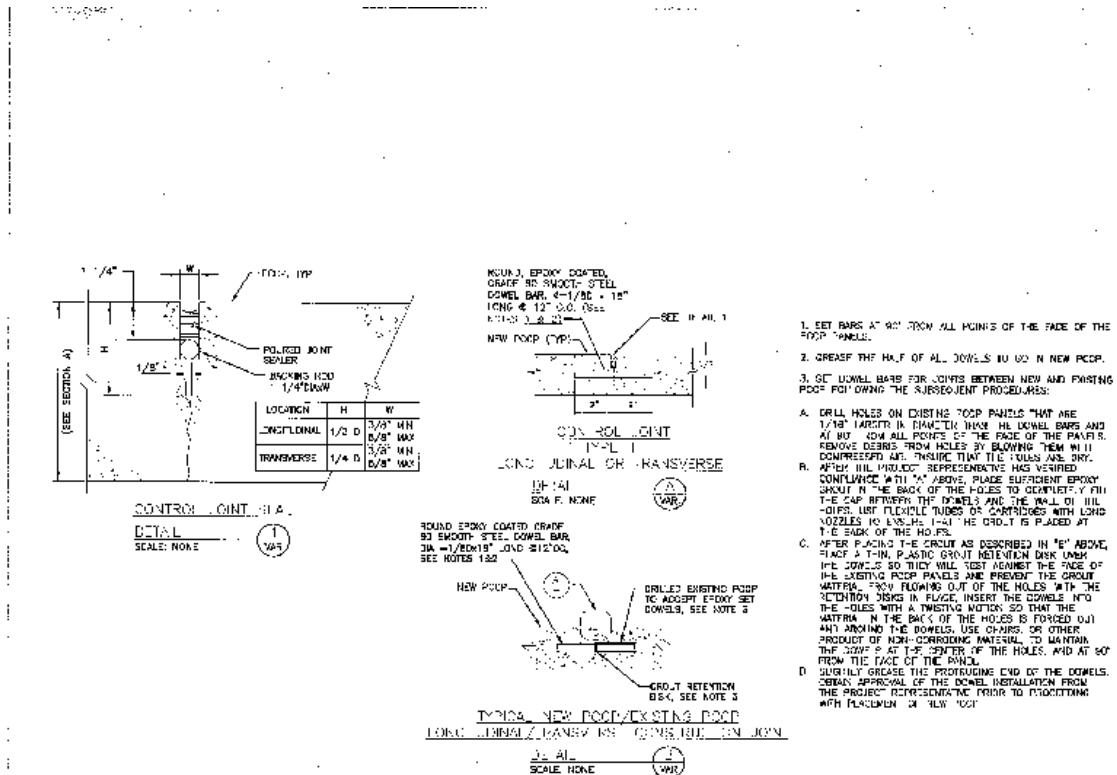
Painted paving marking shall be per W.S.D.O.T. specification section 8-22
Pavement Marking.

Refer to Dwg. C101 and C102: Add the following paving joint details:

Control Joint Seal Detail 1

Control Joint Type 1 Detail A

Typical New PCCP/Existing PCCP Construction Joint Detail B



Refer to Dwg. C102: Add an exit only emergency man gate. Location to be determined later.

Refer to Dwg. M006, Detail 1.

Add note: Pump-out dipstick pump shall be provided with a drain to the waste oil tank.

Revise Note 3 to read:

Provide 30" watertight bolted manway cover meeting H-20 loading requirements. Maximum weight of cover shall be 75lbs.

(Note.... the Waste Oil Storage Tank detail on M006, does not show all the details of every single component . Vendors can submit different components as long as they meet or exceed the spec.)

Question: The roof insulation over the Wash building equipment room area, and the Maintenance bay area both have 4” of poly-iso called out. (R-24)

Question; Is this “R” factor of R-24 the correct value rating or do we need the R-value to be R-30 or R-38 which would result in a thicker Iso layer??

Response: Provide and install 4” of roof insulation as shown on the drawings.