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# NOTICE TO ALL CONTRACTORS AND SUB-CONTRACTORS

October 26, 2023

# Rossville Family Dental Renovation – Proj 22-3211

#### **ADDENDUM NO. 1**

YOU ARE INSTRUCTED TO READ AND TO NOTE THE FOLLOWING DESCRIBED CHANGES, CORRECTIONS, CLARIFICATIONS, OMISSIONS, DELETIONS, ADDITIONS, APPROVALS, AND STATEMENTS PERTINENT TO THE CONTRACT AND CONSTRUCTION DOCUMENTS. THIS ADDENDUM IS A PART OF THE CONTRACT AND CONSTRUCTION DOCUMENTS AND SHALL GOVERN IN THE PERFORMANCE OF THE WORK.

#### Bid Date: Thursday, November 2, 2023 by 2:00 pm. Bids may be submitted electronically to jgr@jgrarchitects.com and srogge@jgrarchitects.com .

#### ARCHITECTURAL -Specifications

- Section 07311 Asphalt Shingles Add the attached specification. Section 08216 Stile And Rail Wood Doors Doors are to be paint grade. Factory or field finish is acceptable. Wood species may 2. be poplar or similar smooth finish veneer. There shall be no wood grain texture or appearance.

#### **ARCHITECTURAL - Drawings**

- Sheet D1.1, Demolition Site Plan Delete Reference to Specific Note 4. Existing landscaping material at the perimeter of the building is to remain. All landscaping, including removal of existing is to be by owner.
- Sheet A2.1, Floor Plan At Sterilization Room 115, the Alternate #5 Cabinetry has been revised. Alternate Cabinetry shall 2. include the entirety of the south wall cabinet bank. Reference the attached Revised Sheet A2.1.
- Sheet A2.1, Floor Plan Existing brick walls at the entry ramp and stair area are to be cleaned to remove all effervescence from 3. the face of the brick. Existing brick shall receive masonry water repellant coating per specification section 07181.
- Sheet A2.1, Floor Plan At Lobby Area, elevation symbols B/A9.1 and C/A9.1 are reversed. 4.
- Sheet A3.2, South Exterior Building Elevation At west and east ends of the building, patch holes in face of brick where signs 5. were previously removed. Patch to match existing as close as possible with grout fill and sealant at holes. Reference the attached photo page indicating the approximate area of wall to be patched.
- 6. Sheet A7.1, Reflected Ceiling Plan: Delete detail E. Section reference at Lobby Reception canopy has been modified to refer to L/A9.1
- 7. Sheet A9.1 Detail A – At Vestibule Entry Wall, Delete the reference to veneer wood panel. The finish wall shall be Painted G.B. With ¼" reveal joints at 2'-0" o.c. Wood veneer panels remain as shown at details B and C/A9.1.
- Sheet A9.2 Details B and C Clarification, The horizontal reveals at Hallways 113 and 114, shall be the 1/4" Fry Reglet joints as 8. detailed at H/A9.1.
- Sheet A9.2 Detail H This elevation references Hallway 111 in lieu of 113. 9.
- Sheet 9.4, Casework Elevations: Reference the attached revised casework elevation for the Alternate #5 Sterilization Cabinet at 10. Room 115.
- 11. Sheet A9.5 Details H, J, and K The reference to G.B. wall finish is at the wood slat accents. The areas that are not wood slat, as shown on the elevations are to be P. lam panel. All G.B. behind the wood slat shall be painted flat black. Reference Cover sheet for rendered images.
- 12. Sheet A10.1, Finish Schedule Vestibule 101 and Lobby Waiting #102 to receive wood base. All Treatment area headwalls with wood slat wall accent to have wood base. All other rooms are to be rubber base or Ceramic tile per the interior finish schedule. Disregard the references to wood base at the A9.2 wall elevation details at G.B. walls within the treatment area spaces.
- 13. Sheet A10.1, Finish Schedule: Lobby Waiting #102 to receive wood base. All other rooms are per schedule and details.
- 14. Sheet A10.1 Door Schedule Door 118 shall be hollow metal frame in lieu of Aluminum.
- 15. Sheet A10.1 Door Schedule Door 103 shall be hollow metal frame in lieu of Aluminum

#### MECHANICAL – Drawings

Sheet M6.1 - Plumbing Fixture Schedule: Fixture KS shall be trim only for sink integral to the countertop. Trim and rough-in 1. shall be unchanged.

Receipt of this Addendum shall be noted on the Bid Form.

#### END OF ADDENDUM NO. 1

Attachments: Section 07311, Sheet A2.1, Exterior Wall photo, Sheet A9.4

# SECTION 07311

# ASPHALT SHINGLES

# PART 1 - GENERAL

- 1.1 RELATED DOCUMENTS
  - A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

# 1.2 SUMMARY

- A. This Section includes the following:
  - 1. Asphalt shingles.
  - 2. Felt underlayment.
  - 3. Self-adhering sheet underlayment.
  - 4. Ridge vents.

# 1.3 QUALITY ASSURANCE

- A. Installer Qualifications: A firm or individual that is approved, authorized, or licensed by asphalt shingle roofing system manufacturer to install roofing system indicated.
- B. Source Limitations: Obtain ridge and hip cap shingles ridge vents, felt underlayment, and self-adhering sheet underlayment through one source from a single asphalt shingle manufacturer.
- C. Fire-Test-Response Characteristics: Provide asphalt shingle and related roofing materials with the firetest-response characteristics indicated, as determined by testing identical products per test method below by UL or another testing and inspecting agency acceptable to authorities having jurisdiction. Identify materials with appropriate markings of applicable testing and inspecting agency.
  - 1. Exterior Fire-Test Exposure: **Class C or better**; ASTM E 108 or UL 790, for application and roof slopes indicated.

# 1.4 DELIVERY, STORAGE, AND HANDLING

- A. Store roofing materials in a dry, well-ventilated, weathertight location according to asphalt shingle manufacturer's written instructions. Store underlayment rolls on end on pallets or other raised surfaces. Do not double-stack rolls.
  - 1. Handle, store, and place roofing materials in a manner to avoid significant or permanent damage to roof deck or structural supporting members.
- B. Protect unused underlayment from weather, sunlight, and moisture when left overnight or when roofing work is not in progress.

### 1.5 PROJECT CONDITIONS

- A. Weather Limitations: Proceed with installation only when existing and forecasted weather conditions permit asphalt shingle roofing to be performed according to manufacturer's written instructions and warranty requirements.
  - 1. Install self-adhering sheet underlayment within the range of ambient and substrate temperatures recommended by manufacturer.

### 1.6 WARRANTY

- A. Special Project Warranty: Roofing Installer's warranty, on warranty form at end of this Section, signed by roofing Installer, covering Work of this Section, in which roofing Installer agrees to repair or replace components of asphalt shingle roofing that fail in materials or workmanship within the following warranty period:
  - 1. Installation Warranty Period: Two years from date of Substantial Completion.
  - 2. Product Warranty Period: Forty year product warranty.

# 1.7 EXTRA MATERIALS

- A. Furnish extra materials described below that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
  - 1. Asphalt Shingles: 100 sq. ft (9.3 sq. m) of each type, in unbroken bundles.

# PART 2 - PRODUCTS

# 2.1 MANUFACTURERS

- A. In other Part 2 articles where titles below introduce lists, the following requirements apply to product selection:
  - 1. Available Products: Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to, products specified.
  - 2. Products: Subject to compliance with requirements, provide one of the products specified.
  - 3. Products and Installation; Roof System and Materials to be provided and installed to be Exterior Fire-Test Exposure Class B or better; ASTM E 108 or UL 790.

# 2.2 GLASS-FIBER-REINFORCED ASPHALT SHINGLES

- A. Laminated-Strip Asphalt Shingles: Class A, ASTM D 3462, laminated, multi-ply overlay construction, glass-fiber reinforced, mineral-granule surfaced, and self-sealing. GAF Timberline HDZ 25 year, plus Algae warranty or approved equal, 15 year wind Warranty.
  - 1. Butt Edge: Straight or Notched cut.
  - 2. Strip Size: Manufacturer's standard.
  - 3. Algae Resistance: Granules treated to resist algae discoloration.
  - 4. Color and Blends As selected by Architect from manufacturer's full range.
- B. Hip and Ridge Shingles: Manufacturer's standard units to match asphalt shingles.

# 2.3 UNDERLAYMENT MATERIALS

- A. Felts: ASTM D 4869, Type I, asphalt-saturated organic felts, non-perforated.
- B. Self-Adhering Sheet Underlayment, Granular Surfaced: ASTM D 1970, minimum of 55-mil- thick sheet; glass-fiber-mat-reinforced, SBS-modified asphalt; mineral-granule surfaced; with release paper backing; cold applied

# 2.4 RIDGE VENTS

A. Rigid Ridge Vent: Manufacturer's standard rigid section high-density polypropylene or other UVstabilized plastic ridge vent with nonwoven geotextile filter strips and with external deflector baffles; for use under ridge shingles.

# 2.5 ACCESSORIES

- A. Asphalt Roofing Cement: ASTM D 4586, Type II, asbestos free.
- B. Roofing Nails: ASTM F 1667; aluminum, stainless-steel, copper, or hot-dip galvanized steel wire shingle nails, minimum 0.120-inch- (3-mm-) diameter, barbed shank, sharp-pointed, with a minimum 3/8-inch- (9.5-mm-) diameter flat head and of sufficient length to penetrate 3/4 inch (19 mm) into solid wood decking or extend at least 1/8 inch (3 mm) through OSB or plywood sheathing.
  - 1. Where nails are in contact with metal flashing, use nails made from same metal as flashing.
- C. Felt Underlayment Nails: Aluminum, stainless-steel, or hot-dip galvanized steel wire with low profile capped heads or disc caps, 1-inch (25-mm) minimum diameter.

### 2.6 METAL FLASHING AND TRIM

- A. Sheet Metal Flashing and Trim: Comply with requirements in Division 7 Section "Sheet Metal Flashing and Trim."
  - 1. Sheet Metal: Zinc-coated (galvanized) steel or Prepainted, metallic-coated steel.
- B. Fabricate sheet metal flashing and trim to comply with recommendations in SMACNA's "Architectural Sheet Metal Manual" that apply to design, dimensions, metal, and other characteristics of item.
  - 1. Apron Flashings: Fabricate with lower flange a minimum of 4 inches (100 mm) over and 4 inches (100 mm) beyond each side of down slope asphalt shingles and 6 inches (150 mm)] up the vertical surface.
  - 2. Step Flashings: Fabricate with a headlap of 2 inches (50 mm) and a minimum extension of 4 inches (100 mm) over the underlying asphalt shingle and up the vertical surface.
  - 3. Cricket Flashings: Fabricate with concealed flange extending a minimum of 18 inches (450 mm) beneath upslope asphalt shingles and 6 inches (150 mm) beyond each side of chimney, skylight, and 6 inches (150 mm) above the roof plane.

- 4. Open Valley Flashings: Fabricate in lengths not exceeding 10 feet (3 m) with 1-inch- (25-mm-) high inverted-V profile at center of valley and equal flange widths of 12 inches (300 mm).
- 5. Drip Edges: Fabricate in lengths not exceeding 10 feet (3 m) with 2-inch (50-mm) roof deck flange and 1-1/2-inch (38-mm) fascia flange with 3/8-inch (9.6-mm) drip at lower edge.
- C. Vent Pipe Flashings: ASTM B 749, Type L51121, at least 1/16 inch (1.6 mm) thick. Provide lead sleeve sized to slip over and turn down into pipe, soldered to skirt at slope of roof and extending at least 4 inches (100 mm) from pipe onto roof.

# PART 3 - EXECUTION

# 3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of work.
  - 1. Examine roof sheathing to verify that sheathing joints are supported by framing and blocking or metal clips and that installation is within flatness tolerances.
  - 2. Verify that substrate is sound, dry, smooth, clean, sloped for drainage, and completely anchored; and that provision has been made for flashings and penetrations through asphalt shingles.
  - 3. For the record, prepare written report, endorsed by Installer, listing conditions detrimental to performance of work.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

# 3.2 UNDERLAYMENT INSTALLATION

- A. Double-Layer Felt Underlayment: Install double layers of felt underlayment on roof deck perpendicular to roof slope in parallel courses. Install a 19-inch- (485-mm-) wide starter course at eaves and completely cover with full-width second course. Install succeeding courses lapping previous courses 19 inches (485 mm) in shingle fashion. Lap ends a minimum of 6 inches (150 mm). Stagger end laps between succeeding courses at least 72 inches (1830 mm). Fasten with felt underlayment roofing nails.
  - 1. Apply a continuous layer of asphalt roofing cement over starter course and on felt underlayment surface to be concealed by succeeding courses as each felt course is installed.
  - 2. Install felt underlayment on roof sheathing not covered by self-adhering sheet underlayment. Lap edges over self-adhering sheet underlayment not less than 3 inches (75 mm) in direction to shed water.
  - 3. Terminate felt underlayment extended up not less than 4 inches (100 mm)] against sidewalls, curbs, chimneys and other roof projections.
- B. Self-Adhering Sheet Underlayment: Install self-adhering sheet underlayment, wrinkle free, on roof deck. Comply with low-temperature installation restrictions of underlayment manufacturer if applicable. Install at locations indicated below, lapped in direction to shed water. Lap sides not less than 3-1/2 inches (89 mm). Lap ends not less than 6 inches (150 mm) staggered 24 inches (600 mm) between courses. Roll laps with roller. Cover underlayment within seven days.
  - 1. Prime concrete and masonry surfaces to receive self-adhering sheet underlayment.
  - Eaves: Extend from edges of eaves 24 inches (600 mm) beyond interior face of exterior wall. Rakes: Extend from edges of rake 24 inches (600 mm) beyond interior face of exterior wall. Valleys: Extend from lowest to highest point 18 inches (450 mm) on each side. Hips: Extend 18 inches (450 mm on each side. Ridges: Extend 36 inches (914 mm) on each side without obstructing continuous ridge vent slot.
  - 3. Sidewalls: Extend beyond sidewall 18 inches (450 mm) and return vertically against sidewall not less than 4 inches (100 mm).
  - 4. Dormers, Chimneys, Skylights, and other Roof-Penetrating Elements: Extend beyond penetrating element 18 inches (450 mm) and return vertically against penetrating element not less than 4 inches (100 mm).
  - 5. Roof Slope Transitions: Extend 18 inches (450 mm) on each roof slope.
- C. Metal-Flashed Open Valley Underlayment: Install two layers of 36-inch- (914-mm-) wide felt underlayment centered in valley. Stagger end laps between layers at least 72 inches (1830 mm). Lap ends of each layer at least 12 inches (300 mm) in direction to shed water, and seal with asphalt roofing cement. Fasten each layer to roof deck with felt underlayment roofing nails.
  - 1. Lap roof deck felt underlayment over first layer of valley felt underlayment at least 6 inches (150 mm).

# 3.3 METAL FLASHING INSTALLATION

- A. General: Install metal flashings and other sheet metal to comply with requirements in Division 7 Section "Sheet Metal Flashing and Trim."
  - 1. Install metal flashings according to recommendations in ARMA's "Residential Asphalt Roofing Manual" and asphalt shingle recommendations in NRCA's "The NRCA Roofing and Waterproofing Manual."
- B. Apron Flashings: Extend lower flange over and beyond each side of downslope asphalt shingles and up the vertical surface.
- C. Step Flashings: Install with a head lap of 2 inches (50 mm) and extend over the underlying asphalt shingle and up the vertical surface. Fasten to roof deck only.
- D. Cricket or Backer Flashings: Install against the roof-penetrating element extending concealed flange beneath upslope asphalt shingles and beyond each side.
- E. Open Valley Flashings: Install centrally in valleys, lapping ends at least 8 inches (200 mm) in direction to shed water. Fasten upper end of each length to roof deck beneath overlap.
  - 1. Secure hemmed flange edges into metal cleats spaced 12 inches apart and fastened to roof deck.
  - 2. Adhere 9-inch- (225-mm-) wide strip of self-adhering sheet to metal flanges and to self-adhering sheet underlayment.
- F. Rake Drip Edges: Install rake drip edge flashings over underlayment and fasten to roof deck.
- G. Eave Drip Edges: Install eave drip edge flashings below underlayment and fasten to roof sheathing.
- H. Pipe Flashings: Form flashing around pipe penetrations and asphalt shingles. Fasten and seal to asphalt shingles as recommended by manufacturer.
- 3.4 ASPHALT SHINGLE INSTALLATION
  - A. Install asphalt shingles according to manufacturer's written instructions, recommendations in ARMA's "Residential Asphalt Roofing Manual," and asphalt shingle recommendations in NRCA's "The NRCA Roofing and Waterproofing Manual."
  - B. Install starter strip along lowest roof edge, consisting of an asphalt shingle strip with tabs removed with self-sealing strip face up at roof edge.
    - 1. Extend asphalt shingles 1/2 inch (13 mm) over fascia at eaves and rakes.
    - 2. Install starter strip along rake edge.
  - C. Install first and remaining courses of asphalt shingles stair-stepping diagonally across roof deck with manufacturer's recommended offset pattern at succeeding courses, maintaining uniform exposure.
  - D. Install first and remaining courses of asphalt shingles stair-stepping diagonally across roof deck with manufacturer's recommended offset pattern at succeeding courses, maintaining uniform exposure.
  - E. Install asphalt shingles by single-strip column or racking method, maintaining uniform exposure. Install full length first course followed by cut second course, repeating alternating pattern in succeeding courses.
  - F. Fasten asphalt shingle strips with a minimum of six roofing nails located according to manufacturer's written instructions.
    - 1. Where roof slope exceeds 20:12, seal asphalt shingles with asphalt roofing cement spots.
    - 2. Where roof slope is less than 4:12, seal asphalt shingles with asphalt roofing cement spots.
    - 3. When ambient temperature during installation is below 50 deg F (10 deg C), seal asphalt shingles with asphalt roofing cement spots.
  - G. Open Valleys: Cut and fit asphalt shingles at open valleys, trimming upper concealed corners of shingle strips. Maintain uniform width of exposed open valley from highest to lowest point.
    - Set valley edge of asphalt shingles in a 3-inch- (75-mm-) wide bed of asphalt roofing cement.
      Do not nail asphalt shingles to metal open valley flashings.
  - H. Ridge Vents: Install continuous ridge vents over asphalt shingles according to manufacturer's written instructions. Fasten with roofing nails of sufficient length to penetrate sheathing.
  - I. Ridge and Hip Cap Shingles: Maintain same exposure of cap shingles as roofing shingle exposure. Lap cap shingles at ridges to shed water away from direction of prevailing winds. Fasten with roofing nails of sufficient length to penetrate sheathing.

# END OF SECTION 07311







SECOND FLOOR PLAN 3/16"=1'-0"





