

## DIVISION 15 - SIDING (SUBJECT TO DIVISION 1)

### 15.A. GENERAL

1. Repair shall mean to realign and resecure existing siding to provide a weather tight and secure surface that matches adjacent surfaces.
2. Replacement shall mean complete removal of siding to existing end joints of all deteriorated wood siding, and the installation of new matching materials.
3. Repair and replacement work shall be installed in such a manner as to match existing finish work. Alternate methods of construction requires written authorization from the Rehab Office prior to execution.

### 15.B. WOOD SIDING

1. Wood siding shall be redwood or cedar of a standard pattern to match existing.
2. Hard board siding shall be manufactured according to Commercial Standard CS251-63 and be factory primed and sealed.
3. Laminated Fiberboard siding shall be adhesive laminated siding manufactured from wood fiber treated to resist mold, fungus, and termites, factory primed and edge sealed.
4. Plywood siding shall conform to American Plywood Association (APA), APA -303 Siding Manufacturers Specifications.
5. Repair Wooden Beveled Siding: After careful inspection and evaluation of existing wooden siding, repair and/or replace all damaged or deteriorated siding. Repair of siding shall consist of: using a premium quality wood filler to rebuild minor holes and nail holes, and renailling of all loose siding with galvanized 7d nails. Replacement of siding too deteriorated to patch shall consist of: removal and proper disposal of all deteriorated boards, and replacement with salvaged or new siding of appropriate size.

Replace siding to match existing on required areas of structure. Installation shall follow manufacturer's specifications and codes regarding surface preparation, nailing, lap, and joint staggering, etc. All siding to be back primed before installation. Allow for replacing and/or repair of sheathing and/or studs in areas where new sheathing and siding will be installed.

6. Installation
  - a. Remove all deteriorated materials and necessary trim.
  - b. Repair all deteriorated sheathing materials and secure.
  - c. Install new materials to match existing coursings and patterns, locating end joints on bearing members or adequate backing. Fit all members for tight joints and proper overlap. All new siding shall be installed as per manufacturer's warranties and guidelines.
  - d. Loose siding shall be resecured with appropriate fasteners to provide a weather tight secure finished surface.
  - e. Seal all vertical and open joints for weatherization installation.
  - f. Flash and trim as required for complete installation.

## 15.C. MANUFACTURED SIDING

1. All siding shall be delivered to the job site in the manufacturer's unopened bundles with all labels intact. (Vinyl siding shall be labeled "Conforms to U.B.C. Standard 14-2"). Materials shall be stored and handled in such a manner as to prevent water damage, staining, or any other damage. Contractor shall comply with manufacturer's recommendations for storage and handling.
2. Manufactured siding shall be installed in strict conformance with the manufacturer's instructions and recommendations. Nails shall be centered in the elongated nailing slots without binding to allow for thermal movement. Trim and accessories shall be installed according to the manufacturer's recommendations. Dissimilar metals shall be isolated. The siding shall be free of bulges, waves, ripples, and warps.
3. Soffit panels, ventilated soffit panels, window casings, door casings, corner posts, starter strips, trim, and any other accessories shall be as recommended by the siding manufacturer for the type of house being sided, and shall match the siding type selected.
4. Any damaged substrate shall be repaired before installation of manufactured siding. If installed over sheathing, a house wrap such as Tyvek or approved equal shall be properly installed. Installation shall include the manufacturer's recommended insulating backer board.
5. Nails used to fasten manufactured siding shall have a minimum head diameter of 3/8" and a minimum shank diameter of 0.120". Nails shall be noncorrosive aluminum, or as recommended by the manufacturer, and shall be of a sufficient length to penetrate the substrate by a minimum of 1". Where siding is installed horizontally the nail spacing shall not exceed 16" horizontally and 12" vertically. Where installed vertically the nail spacing shall not exceed 12" horizontally and 12' vertically.
6. Fasteners used to install accessories, or fasteners that will be exposed shall be prefinished to a color to match that of the item being fastened. The fasteners shall not be of a dissimilar metal from that of the item being fastened.
7. A written guarantee shall be provided to the owner by the siding contractor. The guarantee shall cover defects in workmanship for a period of not less than one year, and shall include the manufacturer's warranty on materials for a minimum of twenty years.
8. Aluminum siding and accessories shall conform with ALMA 1402 and be fabricated from aluminum sheet alloy with a nominal thickness of 0.019. The siding shall be of a texture and exposure as chosen by the owner. It shall include the manufacturer's standard primer, and a backed-on topcoat in a color selected by the owner.
9. Vinyl siding and accessories shall conform to U.B.C. Standard 14-2. It shall be manufactured by extrusion of a polyvinyl chloride homopolymer resin. It shall conform to table 14-A and 14-B of the U.B.C. and comply with ASTI D3679. The texture, exposure, and color shall be chosen by the owner.
10. Steel siding and accessories shall conform to ASTI A-361, and shall be 30 gauge galvanized steel. It shall have a corrosion resistant primer and a baked on top coat of PVC enamel. The texture, exposure, and color shall be chosen by the owner.

11. Installation

a. Repair Existing

1. Remove all damaged or unsound material as designated in the Bid Document.
2. Replace all damaged or missing siding and associated flashing. New siding shall match with coursing of existing and shall be located with end joints on framing member. Securely nail with a minimum of two nails for every member.

b. Install New

1. Install all new prefinished manufactured siding on entire structure. Main structure and open air porch shall be included. Owner to select color and texture.
2. Install prefinished material over all fascia and soffits. Color selected by owner. Fir out fascia to be plumb.
3. Remove all combination windows and cover all window trim with prefinished material.
  - a. All door trim included.
  - b. All nails shall be installed under window channel and to blind stop, exposed nails shall be kept to a minimum.
  - c. Siding and trim shall be installed with no hazards and shall be free of all surface defects.
4. Cover all window sills with pre-finished material.
  - a. New metal sills shall extend ¼ inch under interior stool.
  - b. New sills shall protrude ½ inch up on casing.
  - c. Seal around existing wood sills before new metal sill is installed.

12. Replace Damaged Asbestos Cement Siding

Replace broken or cracked asbestos siding. Use galvanized nails of proper size to penetrate sheathing 3/4" and roofing cement as recommended by manufacturer.

Asbestos shingles to match existing as to color, texture, and quality as closely as possible. Proper care shall be taken when cutting or nailing this type of siding.