

Part 1 General

1.1 SECTION INCLUDES

- .1 Materials and installation of preformed metal cladding, soffits, fascias, flashings and trim.

1.2 RELATED SECTIONS

- .1 Section 01 33 00 – Submittal Procedures
- .2 Section 01 61 00 – Common Product Requirements
- .3 Section 01 74 19 – Construction/Demolition Waste Management and Disposal
- .4 Section 07 62 00 – Sheet Metal Flashing and Trim
- .5 Section 07 92 10 – Joint Sealing

1.3 REFERENCES

- .1 American National Standards Institute (ANSI):
 - .1 ANSI/ASME B18.6.4-1998(R2005) – Thread Forming and Thread Cutting Tapping Screws and Metallic Drive Screws.
- .2 Canadian General Standards Board (CGSB):
 - .1 CAN/CGSB-51.32-M77 – Sheathing, Membrane, Breather Type
 - .2 CAN/CGSB-93.2-M91 – Prefinished Aluminum Siding, Soffits and Fascia, for Residential Use
 - .3 CAN/CGSB 93.5-92 – Installation of Metal Residential Siding, Soffits and Fascia
- .3 Canadian Standards Association (CSA International):
 - .1 CSA B111-1974(R2003) – Wire Nails, Spikes and Staples.

1.4 SUBMITTALS

- .1 Submit samples and product data in accordance with Section 01 33 00.
- .2 Samples.
 - .1 Submit duplicate samples of siding and soffit components. Samples to be representative of material, finish, color and profile.
- .3 Manufacturer's Data.
 - .1 Submit manufacturer's printed product literature, specifications and data sheets.
 - .2 Submit manufacturer's installation instructions.

1.5 DELIVERY, STORAGE AND HANDLING

- .1 Deliver, handle, store and protect materials in accordance with Section 01 61 00.

- .2 Provide and maintain dry, off-ground weatherproof storage.

1.6 WASTE MANAGEMENT AND DISPOSAL

- .1 Separate waste materials in accordance with Section 01 74 19.
- .2 Divert used metal cut-offs from landfill by disposal into the on-site metals recycling bin.
- .3 Divert reusable materials for reuse at nearest recycling facility.
- .4 Collect and separate for disposal paper, plastic, polystyrene, corrugated cardboard, and other packaging material in appropriate on-site bins for recycling in accordance with Waste Management Plan.

Part 2 Products

2.1 COMPONENTS

- .1 Strip siding: factory prefinished aluminum to CAN/CGSB-93.2 Type A, Class 1, horizontal, to match existing.
 - .1 Colour: light brown to match existing, with final color selection by Departmental Representative.
 - .2 Gloss: medium to match existing.
 - .3 Profile: 203 mm wide x 19 mm mm deep; preformed interlocking joints, fastener holes prepunched.
 - .4 Pattern: patterned surface to match existing.
 - .5 Thickness: minimum 0.61 mm base metal thickness.
- .2 Soffit: factory prefinished aluminum, to CAN/CGSB-93.2, Type B, Class 1, to match existing.
 - .1 Colour: white to match existing, with final color selection by Departmental Representative.
 - .2 Gloss: medium to match existing.
 - .3 Profile: flat sheet 'V' crimped for stiffness, vented 0.1 m² of opening for every 30 m² of building area.
 - .4 Pattern: plain surface to match existing.
 - .5 Thickness: minimum 0.61 mm base metal thickness.
- .3 Fascia and exposed trim: factory prefinished to CAN/CGSB-93.2, Type C, Class 1, to match existing.
 - .1 Colour: white to match existing, with final color selection by Departmental Representative.
 - .2 Gloss: medium to match existing.
 - .3 Profile: custom to match existing.
 - .4 Pattern: plain surface to match existing.
 - .5 Thickness: minimum 0.61 mm base metal thickness.

- .4 Flashing and exposed trim: factory prefinished aluminum; consisting of inside corners, outside corners, cap strip, drip cap, undersill trim, starter strip, window trim and door trim to match existing.
 - .1 Colour: white to match existing, with final color selection by Departmental Representative.
 - .2 Gloss: medium to match existing.
 - .3 Profile: custom to match existing; outside corners with 150 mm wide face.
 - .4 Pattern: plain surface to match existing.
 - .5 Thickness: minimum 0.61 mm base metal thickness.
- .5 Exterior wall sheathing paper: to CAN2-51.32, single ply coated sheet.
- .6 Fasteners:
 - .1 Nails to CSA B111; purpose made to suit application; aluminum alloy or stainless steel construction.
 - .2 Screws: to ANSI B18.6.4; purpose made to suit application; stainless steel or cadmium plated steel construction.

Part 3 Execution

3.1 MANUFACTURER'S INSTRUCTIONS

- .1 Comply with manufacturer's written data, including product technical bulletins, product catalogue installation instructions, product carton installation instructions, and data sheets.

3.2 INSTALLATION

- .1 Install preformed metal cladding, soffits, fascias, flashings and trim in accordance with CGSB 93.5, and manufacturer's written instructions.
 - .1 On existing building faces, reuse existing cladding and fascia salvaged from demolition.
 - .2 If possible, on new building faces, reuse existing components salvaged from demolition. Place existing components on north-east and south-west building faces, as colors and gloss level of existing components will vary from new components.
- .2 Install double layer exterior wall sheathing paper horizontally by stapling in place, and lapping edges 150 mm. Stagger joints of each layer. On existing building faces, install new double layer wall sheathing paper.
- .3 Install continuous starter strips, corners, edgings, soffit, fascia, drip, cap, sill, and window and door opening flashings to match existing..
- .4 Install outside corners, fillers and closure strips with carefully formed and profiled work.
- .5 Maintain joints in components true to line, tight fitting, and joints hairline.
- .6 Attach components in manner not restricting thermal movement.

3.3 CLEANING

- .1 Upon completion of installation, remove surplus materials, rubbish, tools and equipment barriers.

END OF SECTION