

PART 1 - GENERAL

- 1.1 REFERENCES
- .1 American Society of Mechanical Engineers (ASME)
 - .1 ASME B18.6.3-2011, Machine Screws, Tapping Screws, and Metallic Drive Screws (Inch Series).
 - .2 ASTM International
 - .1 ASTM D 2369-10e1, Test Method for Volatile Content of Coatings.
 - .2 ASTM D 2832-92(2011), Standard Guide for Determining Volatile and Nonvolatile Content of Paint and Related Coatings.
 - .3 ASTM D 5116-10, Standard Guide For Small-Scale Environmental Chamber Determinations of Organic Emissions From Indoor Materials/Products.
 - .3 Canadian General Standards Board (CGSB)
 - .1 CAN/CGSB-93.4-92, Galvanized and Aluminum-Zinc Alloy Coated Steel Siding Soffits and Fascia, Prefinished, Residential.
 - .4 CSA International
 - .1 CSA B111-1974(R2003), Wire Nails, Spikes and Staples.
 - .5 Environmental Choice Program (ECP)
 - .1 CCD-045-95, Sealants and Caulking Compounds.
 - .6 Green Seal Environmental Standards (GS)
 - .1 GS-36-11, Standard for Commercial Adhesives.
 - .7 South Coast Air Quality Management District (SCAQMD), California State, Regulation XI. Source Specific Standards
 - .1 SCAQMD Rule 1168-A2005, Adhesives and Sealants Applications.
 - .8 Underwriters' Laboratories of Canada (ULC)
 - .1 CAN/ULC-S706-09, Standard for Wood Fibre Insulating Boards for Buildings.
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1.2 ACTION AND
INFORMATIONAL
SUBMITTALS

- .1 Submit in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Product Data:
 - .1 Submit manufacturer's instructions, printed product literature and data sheets for metal soffit and include product characteristics, performance criteria, physical size, finish and limitations.
 - .2 Submit digital copies of WHMIS and MSDS in accordance with Section 01 35 29 - Health and Safety Requirements.
- .3 Shop Drawings:
 - .1 Submit drawings stamped and signed by professional engineer registered or licensed in the Province of Newfoundland and Labrador, Canada.
 - .2 Indicate dimensions, profiles, attachment methods, schedule of wall elevations, trim and closure pieces, soffits, fascia, metal furring, and related work.
- .4 Samples:
 - .1 Submit samples of siding material, of colour and profile specified.

1.3 QUALITY
ASSURANCE

- .1 Certificates: submit product certificates signed by manufacturer certifying materials comply with specified performance characteristics and criteria and physical requirements.
 - .2 Warranty:
 - .1 Provide a written guarantee, signed and issued in the name of the Owner, covering the metal cladding/siding material for 10 (ten) years and workmanship for a period of two (2) years from the date of Substantial Completion.
 - .2 Areas which prove to be defective in any way shall be repaired or replaced and any damage to other work as a result of such defects shall be repaired at no cost to the Departmental Representative.
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| <u>1.4 DELIVERY,
STORAGE AND
HANDLING</u> | .1 | Deliver, store and handle materials in accordance with Section 01 61 00 - Common Product Requirements and with manufacturer's written instructions. |
| | .2 | Delivery and Acceptance Requirements: deliver materials to site in original factory packaging, labelled with manufacturer's name and address. |
| | .3 | Storage and Handling Requirements: |
| | .1 | Store materials off ground in dry location and in accordance with manufacturer's recommendations in clean, dry, well-ventilated area. |
| | .2 | Store and protect metal soffit from nicks, scratches, and blemishes. |
| | .3 | Replace defective or damaged materials with new. |

PART 2 - PRODUCTS

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| <u>2.1 METAL CLADDING
AND COMPONENTS</u> | .1 | Metal soffit cladding to be Armstrong Metalworks Linear - Exterior; 101.6mm unperforated, smooth texture. |
| | .2 | Finish to be factory applied. White in colour. |
| | .3 | Soffit system to include proprietary trims, flashing, carriers, etc.. Non-proprietary trims to be prefinished 22 gauge metal to match soffit. |
| <u>2.2 FASTENERS</u> | .1 | Screws: ASME B18.6.3. Purpose made as per manufacturer's specifications. |
| <u>2.3 CAULKING</u> | .1 | Sealants: in accordance with Section 07 92 00-Joint Sealants. |
| <u>2.4 ACCESSORIES</u> | .1 | Accessories to be as per supplier's proprietary system components. |

PART 3 - EXECUTION

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| <u>3.1 EXAMINATION</u> | .1 | Verification of Conditions: verify that conditions of substrate previously installed under other Sections or Contracts are acceptable in accordance with manufacturer's written instructions.
.1 Visually inspect substrate in presence of Departmental Representative.
.2 Inform Departmental Representative of unacceptable conditions immediately upon discovery.
.3 Proceed with installation only after unacceptable conditions have been remedied and after receipt of written approval to proceed from Departmental Representative. |
| <u>3.2 MANUFACTURER'S INSTRUCTIONS</u> | .1 | Compliance: comply with manufacturer's written data, including product technical bulletins, product catalogue installation instructions, product carton installation instructions, and data sheets. |
| <u>3.3 INSTALLATION</u> | .1 | Install soffit cladding in accordance with CGSB 93.5, and manufacturer's written instructions. |
| | .2 | Install continuous starter strips, inside and outside corners, edgings, soffit, drip, cap, sill and window/door opening flashings as indicated. |
| | .3 | Install outside corners, fillers and closure strips with carefully formed and profiled work. |
| | .4 | Install soffit and fascia cladding as indicated. |
| | .5 | Maintain joints in exterior soffit cladding, true to line, tight fitting, hairline joints. |
| | .6 | Attach components in manner not restricting thermal movement. |
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| <u>3.3 INSTALLATION</u>
(Cont'd) | .7 | Caulk junctions with adjoining work with sealant. Do work in accordance with Section 07 92 00 - Joint Sealants. |
| <u>3.4 CLEANING</u> | .1 | Progress Cleaning: clean in accordance with Section 01 74 11 - Cleaning.
.1 Leave Work area clean at end of each day. |
| | .2 | Final Cleaning: upon completion remove surplus materials, rubbish, tools and equipment in accordance with Section 01 74 11 - Cleaning. |
| <u>3.5 PROTECTION</u> | .1 | Protect installed products and components from damage during construction. |
| | .2 | Repair damage to adjacent materials caused by preformed metal siding installation. |