

PART 1 - GENERAL

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| <u>1.1 REFERENCES</u> | .1 | Canada Green Building Council (CaGBC)
.1 LEED Canada 2009 for Design and Construction Leadership in Energy and Environmental Design Green Building Rating System Reference Guide. |
| | .2 | CSA International
.1 CSA B111-1974(R2003), Wire Nails, Spikes and Staples.
.2 CSA O121-08, Douglas Fir Plywood.
.3 CSA O151-09, Canadian Softwood Plywood.
.4 CAN/CSA-Z809-08, Sustainable Forest Management. |
| | .3 | Environmental Choice Program (ECP)
.1 CCD-045-95, Sealants and Caulking Compounds. |
| | .4 | Forest Stewardship Council (FSC)
.1 FSC-STD-01-001-2004, FSC Principle and Criteria for Forest Stewardship. |
| | .5 | National Lumber Grading Authority (NLGA)
.1 NLGA Standard Grading Rules for Canadian Lumber 2010. |
| | .6 | Sustainable Forestry Initiative (SFI)
.1 SFI-2010-2014 Standard. |
| <u>1.2 ACTION AND INFORMATIONAL SUBMITTALS</u> | .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 wood siding and include product characteristics, performance criteria, physical size, finish and limitations.
.2 Submit 2 copies of WHMIS MSDS in accordance with Section 01 35 29.06 - Health and Safety Requirements. Indicate VOC's for caulking materials during application and curing. |
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1.2 ACTION AND
INFORMATIONAL
SUBMITTALS
(Cont'd)

- .3 Samples:
 - .1 Submit duplicate standard sized sample of all specified materials.
- .4 Sustainable Design Submittals:
 - .1 LEED Canada submittals: in accordance with Section 01 35 21 - LEED Requirements.

1.3 QUALITY
ASSURANCE

- .1 Test Reports: submit certified test reports showing compliance with specified performance characteristics and physical properties.
- .2 Certificates: submit product certificates signed by manufacturer certifying materials comply with specified performance characteristics and criteria and physical requirements.

1.4 DELIVERY,
STORAGE AND
HANDLING

- .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 Develop Construction Waste Management Plan related to Work of this Section and in accordance with Section 01 35 21 - LEED Requirements.
 - .4 Packaging Waste Management: remove for reuse and return by manufacturer of pallets, crates, padding, and packaging materials as specified in Construction Waste Management Plan in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal and Section 01 35 21 - LEED Requirements.
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PART 2 - PRODUCTS

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| <u>2.1 MATERIALS</u> | .1 | Lumber siding: to NLGA Standard Grading Rules for Canadian Lumber.
.1 Rabetted Bevel siding: lodgepole pine, factory finished face.
.2 Board size: 22 mm x 150 mm nominal.
.3 FSC or SFI certified wood. |
| | .2 | Accessories: exposed soffit trim, closures, cap pieces and all related accessories manufacturer's standard, finish to match siding. Colour to be selected from manufacturer's full colour range. |
| | .3 | Fasteners: nails to CSA B111, type 316, stainless steel ring shank coloured nails, sized as required. |
| | .4 | Sealants: to Section 07 92 00. |

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. |
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- 3.3 INSTALLATION
- .1 Install siding and accessories to manufacturers' written instructions.
 - .2 Install sill flashings, wood starter strips, inside corner flashings, edgings and flashings over openings.
 - .3 Fasten wood siding in straight, aligned lengths.
- 3.4 ATTACHMENT SURFACE
- .1 Provide flat surface for mounting of electrical and mechanical components, 150 mm longer all around than item being mounted from trim boards.
- 3.5 CLEANING
- .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.
 - .3 Waste Management: separate waste materials for reuse and recycling in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal and Section 01 35 21 - LEED Requirements.
 - .1 Remove recycling containers and bins from site and dispose of materials at appropriate facility.
- 3.6 PROTECTION
- .1 Protect installed products and components from damage during construction.
 - .2 Repair damage to adjacent materials caused by wood siding installation.