

Scanlon Creek Nature Centre

SCNC - NMS and CMS

October 21, 2024

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Part 1 General

1.1 SUMMARY

- .1 Provide labour, materials, Products, equipment and services to complete the Standard Ladders specified herein. This includes, but is not necessarily limited, to:
 - .1 Modular aluminum Standard Ladders .
 - .2 Auxiliary materials required for a complete installation
- .2 Related Requirements: Specifications throughout all Divisions of the Project shall be read as a whole, and may be directly applicable to this Section. Related requirements provided below are for convenience purposes only.

1.2 REFERENCE STANDARDS

- .1 Reference Standards: Unless otherwise indicated in this Section or the Building Code, the latest published editions of reference standards as of the Project's Bid Closing deadline apply.
- .2 All materials, installation and workmanship shall comply with all applicable requirements and standards.
- .3 ANSI/ASSE A1264.1: Safety Requirements For Workplace Walking/Working Surfaces And Their Access; Workplace, Floor, Wall And Roof Openings And Guardrail/Handrail Systems
- .4 ASTM B209/B209M: Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate
- .5 ASTM B221/B221M: Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes

1.3 ACTION SUBMITTALS

- .1 Make Submittals in accordance with provisions indicated in Section 01 33 00, Submittal Procedures.
- .2 Product Data: Submit Product information for the Standard Ladders work specified in this Section.
 - .1 Submit manufacturer's installation instructions.
- .3 Shop Drawings: Submit Shop Drawings including dimensions that have been verified to be suitable for the project and reviewed by the contractor prior to submission.
 - .1 Drawings to be stamped by an engineer allowed to practice in the province of Ontario once the dimensions of the project have been finalized and approved.

1.4 CLOSEOUT SUBMITTALS

- .1 General Requirements and Procedures for Closeout Submittals: in accordance with Section 01 78 00, Closeout Submittals.

1.5 QUALITY ASSURANCE

- .1 Manufacturer Qualifications: Provide Products for work of this Section by manufacturer with at least 10 years' experience manufacturing roof accessories and similar materials.

1.6 DELIVERY, STORAGE AND HANDLING

- .1 Storage and Handling Requirements: Store materials in clean, dry, and well-ventilated area.

Part 2 Products

2.1 MANUFACTURERS

- .1 Materials specified in this Section are based on products by Skyline Group; 19896 Hwy 7, Perth ON, K7H 3C9; web: www.skylinegroupintl.com as listed in this Specification; TEL: 613-267-4493.
- .2 Consultant will consider requests for substitution if received [10] days before Bid Closing Deadline. Requests received after that time will be rejected. Consultant will consider requests for substitution when following conditions are satisfied:
 - .1 Requests for substitution include a list of at least five similar projects of equivalent size where products have been installed for a minimum of five years.
 - .2 Requested substitution does not require extensive revisions to the Contract Documents.
 - .3 Requested substitution is consistent with the Contract Documents and will produce indicated results.
 - .4 Requested substitution will not adversely affect construction schedule.
 - .5 Requested substitution provides specified warranty.

2.2 REGULATORY REQUIREMENTS

- .1 Applicable Building Code: [National Building Code of Canada, 2020]
- .2 Applicable Health and Safety Regulation:
 - .1 Ontario: Occupational Health and Safety Act Ontario Regulation 213/91
 - .2 Occupational Health and Safety Act R.R.O. 1990, Regulation 851, Industrial Establishments
 - .3 OSHA Part 1910 – Occupational Safety and Health Standards and ANSI/ASSE A1264.1

2.3 MATERIALS

- .1 Aluminum Extrusions: to ASTM B221M (ASTM B221), 6061-T6 or 6106-T6 alloy unless indicated otherwise.
- .2 Material substitutions of equal or greater properties are admissible.
- .3 Provide materials and types of fasteners, protective coatings, and other auxiliary components required by manufacturer for a complete installation.
- .4 Fasteners: Manufacturer-recommended for application and metals specified. Unless otherwise indicated, Provide the following:
 - .1 Drilling screws: to ASTM A479/A479M; Type 410 or 18-8 Stainless Steel
 - .2 Machine screws: 18-8 Stainless Steel

2.4 FINISHES

- .1 Unless otherwise specified, all aluminum components specified in this Section shall be mill finish or "as fabricated" aluminum.

Part 3 Execution

3.1 EXAMINATION

- .1 Verify actual site conditions and location of adjacent materials prior to commencing work. Notify Consultant in writing of any conditions which would be detrimental to the installation. Proceed with installation only after unacceptable conditions have been remedied. Commencement of work implies acceptance of previously completed work.

3.2 INSTALLATION

- .1 Assemble and install Standard Ladder system in accordance with manufacturer's instructions,
and accepted shop drawings.

END OF SECTION



Specification created using NBS Chorus