

EXTERIOR SITE FURNISHINGS

Part 1 General

1.1 SECTION INCLUDES

- .1 Labour, materials, tools, and equipment, required to supply and install all site furnishings including benches, picnic tables, bike rings, waste receptacles, bollards, and drinking fountains.
- .2 Installation of fences and gates to be coordinated with electrical grounding details as indicated in Drawings and in accordance with Specifications.

1.2 RELATED WORK

- .1 Section 03 48 00 – Precast Concrete
- .2 Section 05 50 00 – Metal Fabrications
- .3 Section 06 15 01 – Timber and Woodwork
- .4 Section 32 16 15 – Concrete Paving
- .5 Refer to structural drawings and notes
- .6 Reference Documents:
 - .1 Appendix A - Arborist Report, Macpherson Avenue Park, Urban Forest Innovations Inc., April 23, 2025
 - .2 Appendix B - Soil and Groundwater Management Plan – Davenport Lands (Parcel 28B, 29 and 30, WSP, July 2024
 - .3 Appendix C - Contaminant Health and Safety Plan – 28B, 29 and 30 Green Line Trail, WSP, July 2024
 - .4 Appendix D - City of Toronto Tree Protection Policy and Specifications for Construction Near Trees, July 2016
 - .5 Appendix E – Geotechnical Investigation for Macpherson Avenue Park, October 31, 2022
 - .6 Appendix F – Hydro One General Conditions for Secondary Ladn Uses, Hydro One, January 2023
 - .7 Appendix G -General Requirements for Construction Work by External Parties in the Vicinity of Hydro One 115,000 and 230,000 Volt Underground Plant, Hydro One, January 2024

1.3 QUALITY ASSURANCE

- .1 Installer Qualifications: An experienced installer who has completed installation of identified products similar in material, design, and extent to that indicated for this project and whose work has resulted in construction with a record of successful in-service performance.
- .2 Manufacturer Qualifications: A firm experienced in manufacturing identified products similar to those required for this project and with a record of successful in-service performance.
- .3 Source Limitations: Obtain each color, finish, shape and type of bicycle rack from a single source with resources to provide components of consistent quality in appearance and physical properties.

EXTERIOR SITE FURNISHINGS

- .4 Product Options: Drawings indicate size, shape and dimensional requirements and are based on the specific systems indicated.

1.4 SUBMITTALS

- .1 All submissions shall be in accordance with Section 01 33 00.
- .2 Product Data: For each type of product indicated. Include construction details, material descriptions, dimensions of individual components and profiles, finishes, field-assembly requirements, and installation details.
 - .1 Submit powdercoat / paint colours for each item listed in 2.1.
- .3 Shop Drawings:
 - .1 Show installation details for each item listed in 2.1.
- .4 Samples:
 - .1 Submit 600mm length sample of slates for all wood products showing accurate colour and finish.
 - .2 Submit 300m sample of all metal components showing accurate colour and finish.
- .5 Maintenance Data: For each item listed in 2.1.
 - .1 Include recommended methods for maintenance and repairing damage to the finish. Include any keys or tamper proof tools for lockable features

1.5 DELIVERY, STORAGE AND HANDLING

- .1 Deliver, store and handle materials in accordance with Manufacturer's recommendations.
- .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 in dry location and in accordance with manufacturer's recommendations in clean, dry, well-ventilated area.
 - .2 Store and protect furnishings from nicks, scratches, and blemishes.
 - .3 Replace defective or damaged materials with new.

1.6 WARRANTY

- .1 Work of this Section shall be guaranteed for a period of two (2) years in accordance with the General Conditions of the Contract.
- .2 The Contractor shall not be responsible for the cost of replacements of correctly installed components resulting from vandalism during the guarantee period.
- .3 The Contractor will be responsible for the cost of replacements at each site of components or work vandalized prior to Substantial Performance by the Consultant of all work at that site.

Part 2 Products

EXTERIOR SITE FURNISHINGS

2.1 MATERIALS

- .1 Bicycle rings:
 - .1 Bike rings shall be City of Toronto standard cast aluminum encapsulated bike ring with galvanized steel post as supplied by Toronto Fabricating & Mfg. Co., 1021 Rangeview Rd., Mississauga, Ontario, L5E 1H2
 - .2 Model: TFMC Style #938DB (direct-buried)
 - .3 Finish: Standard - Galvanized
 - .4 Mounting: In-ground. Extended buried post to accommodate concrete unit paver thickness as required.
- .2 Backed Wood Bench:
 - .1 Backed bench with armrests as supplied by Maglin Site Furniture or approved equal, Contact: sales@maglin.com, 1-800-716-5506, www.maglin.com.
 - .2 Model: MBE-2300-00017 - ICONIC Backed bench with two armrests
 - .3 Wood: Thermally modified ash wood
 - .4 Frame: Aluminum
 - .5 Finish / Colour: Silver 14 Fine Textured (Matte)
 - .6 Mounting: Surface mounted
- .3 Picnic Table
 - .1 Picnic table and benches as supplied by Maglin Site Furniture or approved equal, Contact: sales@maglin.com, 1-800-716-5506, www.maglin.com.
 - .2 Model: MMP-0720-00062, 720 Cluster Seating, 30.9inches high, 500mm edge clearance
 - .3 Wood: Thermally modified ash wood
 - .4 Frame: Steel frame, Cast aluminum ends
 - .5 Finish / Colour: Silver 14 Fine Textured (Matte)
 - .6 Mounting: Surface mounted.
- .4 Lounge Chair:
 - .1 Bloc Sun Bench as supplied by Vestre, Contact: Kristoffer Vestre, +1 212.634.9658 email: kristoffer@vestre.com, www.vestre.com, or approved equivalent.
 - .2 Model: 1556-900 Bloc Sun Bench
 - .3 Wood: Kebony Radiata
 - .4 Steel : Lakk 30 80
 - .5 Finish / Colour: Hot-dip galvanized and powder-coated steel in RAL 6017
 - .6 Mounting: Surface mounted.

EXTERIOR SITE FURNISHINGS

- .7 Orientation of lounge shall be as directed on site by the Contract Administrator.
- .5 Custom Platform Bench:
 - .1 Metal Components:
 - .1 For all metal components, refer to Section 05 50 00 – Metal Fabrications
 - .2 All fasteners to be tamper-proof and uniform to metal materials and components being anchored or of a metal which will not set-up a galvanic action causing damage to the fastening or metal component under moist conditions.
 - .2 Wood: Kebony wood. Refer to Section 06 15 01 – Timber and Woodwork.

.6 Bottle Filler:

- .1 Bottle filler as supplied by MDF Fountains Inc. or approved equal (www.mostdependable.com), 5705 Commander Drive, Arlington, TN 38002, 901-867-0039
- .1 Model: 10125SM (Stainless Steel)
- .2 Colour: Chrome.
- .2 Adjust the height of the bottle filler platform and push button to meet the City of Toronto Accessibility standards.
- .3 Installation as per manufacturer's instructions.
- .4 Install bottle filler to face the primary circulation paths or as directed on site by Contract Administrator.
- .5 Provide shop drawings.
- .6 Refer to electrical drawings for grounding details.



Part 3 Execution

3.1 EXAMINATION

- .1 Examine areas and conditions for compliance with requirements for correct and level finished grade, mounting surfaces, installation tolerances, and other conditions affecting performance.
- .2 Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- .1 **Site furnishings shall be grounded according to electrical drawings and specifications.**
- .2 Comply with manufacturer's written installation instructions.
- .3 Install site furnishings level, plumb, true, and securely anchored at locations indicated on Drawings, per manufacturer's specifications.

3.3 CLEANING

- .1 After completing site and street furnishing installation, inspect components. Remove spots, dirt, and debris. Repair damaged finishes to match original finish or replace component.

3.4 PROTECTION

EXTERIOR SITE FURNISHINGS

- .1 Protect installed products and components from damage during construction.
- .2 Repair damage to adjacent materials caused by site furnishings installation.

END OF SECTION