

SPECIFICATIONS

SECTION 01 33 00 SUBMITTAL PROCEDURES

1.1. SHOP DRAWINGS AND PRODUCT DATA

1.1.1. The term "shop drawings" means drawings, diagrams, illustrations, schedules, performance charts, brochures and other data which are to be provided by Contractor to illustrate details of a portion of Work.

1.1.2. Submit drawings stamped and signed by professional engineer registered or licensed in Manitoba, Canada.

1.1.3. Indicate materials, methods of construction and attachment or anchorage, erection diagrams, connections, explanatory notes and other information necessary for completion of Work. Where articles or equipment attach or connect to other articles or equipment, indicate that such items have been coordinated, regardless of Section under which adjacent items will be supplied and installed. Indicate cross references to design drawings and specifications.

1.1.4. Allow 10 days for City of Winnipeg Contract Administrator and Consultant review of each submission.

1.1.5. Adjustments made on shop drawings by City of Winnipeg Contract Administrator and Consultant are not intended to change Contract Price. If adjustments affect value of Work, state such in writing to City of Winnipeg Contract Administrator prior to proceeding with Work.

1.1.6. Make changes in shop drawings as City of Winnipeg Contract Administrator may require, consistent with Contract Documents. When resubmitting, notify City of Winnipeg Contract Administrator and Consultant in writing of revisions other than those requested.

1.1.7. Accompany submissions with transmittal letter, in duplicate, containing:

- 1.1.7.1. Date.
- 1.1.7.2. Project title and number.
- 1.1.7.3. Contractor's name and address.
- 1.1.7.4. Identification and quantity of each shop drawing, product data and sample.
- 1.1.7.5. Other pertinent data.

1.1.8. After City of Winnipeg Contract Administrator and Consultant review, distribute copies.

1.1.9. Submit electronic copy of shop drawings for each requirement requested in specification Sections and as City of Winnipeg Contract Administrator may reasonably request.

1.1.10. Submit electronic copies of product data sheets or brochures for requirements requested in specification Sections and as requested by City of Winnipeg Contract Administrator where shop drawings will not be prepared due to standardized manufacture of product.

1.1.11. Submit electronic copies of test reports for

requirements requested in specification Sections and as requested by City of Winnipeg Contract Administrator and Consultant.

1.1.11.1. Report signed by authorized official of testing laboratory that material, product or system identical to material, product or system to be provided has been tested in accord with specified requirements.

1.1.11.2. Testing must have been within 3 years of date of contract award for project.

1.1.12. If upon review by City of Winnipeg Contract Administrator and Consultant, no errors or omissions are discovered or if only minor corrections are made, copies will be returned and fabrication and installation of Work may proceed. If shop drawings are rejected, noted copy will be returned and resubmission of corrected shop drawings, through same procedure indicated above, must be performed before fabrication and installation of Work may proceed.

1.2. PHOTOGRAPHIC DOCUMENTATION

1.2.1. Submit electronic and hard copy of grey tone colour digital photography in .jpg format, fine standard resolution monthly with progress statement and as directed by City of Winnipeg Contract Administrator

1.2.2. Project identification: name and number of project and date of exposure indicated.

1.2.3. Number of viewpoints: 2 to 4 locations.

1.2.3.1. Viewpoints and their location as determined by City of Winnipeg Contract Administrator.

1.2.4. Frequency of photographic documentation: weekly or as directed by City of Winnipeg Contract Administrator

1.2.4.1. Upon completion of: excavation, foundation, framing and services before concealment, of Work, and as directed by City of Winnipeg Contract Administrator

05 50 00 METAL FABRICATIONS

1.1. REFERENCES

1.1.1. American Society for Testing and Materials International, (ASTM)

1.1.1.1. ASTM A53/A53M-02, Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated Welded and Seamless.

1.1.2. Canadian Standards Association (CSA International)

1.1.2.1. CAN/CSA G164-M92 R1998, Hot Dip Galvanizing of Irregularly Shaped Articles.

1.1.2.2. CAN/CSA S16.1-01, Limit States Design of Steel Structures.

1.1.2.3. CSA W48-01, Filler Metals and Allied Materials for Metal Arc Welding (Developed in co-operation with the Canadian Welding Bureau).

1.1.2.4. CSA W59-1989 R2001, Welded Steel

Construction (Metal Arc Welding) (Imperial Version).

1.2. SUBMITTALS

1.2.1. Shop Drawings

1.2.1.1. Indicate materials, core thickness, finishes, connections, joints, method of anchorage, number of anchors, supports, reinforcement, details, and accessories.

2. Products

2.1. MATERIALS

2.1.1. Steel pipe: to ASTM A53/A53M standard weight black.

2.1.2. Welding materials: to CSA W59.

2.2. FABRICATION

2.2.1. Fabricate work square, true, straight and accurate to required size, with joints closely fitted and properly secured.

2.2.2. Use self-tapping shake-proof oval headed screws on items requiring assembly by screws or as indicated.

2.2.3. Where possible, fit and shop assemble work, ready for erection.

2.2.4. Ensure exposed welds are continuous for length of each joint. File or grind exposed welds smooth and flush.

2.3. FINISHES

2.3.1. Galvanizing: hot dipped galvanizing with zinc coating 600 g/m² to CAN/CSA G164.

2.3.2. Shop coat primer: to CAN/CGSB 1.40.

2.3.3. Zinc primer: zinc rich, ready mix to CAN/CGSB 1.181.

32 17 00 TACTILE WARNING SURFACING

1.1. MATERIALS

1.1.1. Approved Products

1.1.1.1. Armor-Tile Cast in Place Tactile- Domes.

1.1.1.2. Cast-In-Place Composite Paver Unit - Inline Dome Pattern: Tactile Warning Surface

1.1.1.3. Or approved alternate.

1.2. GENERAL

1.2.1. Detectable warning surface tiles shall be Federal Yellow or Safety Yellow. Colour shall be homogeneous throughout the tile.

1.2.2. Detectable warning surface tiles shall be cast in place type with ribs.

1.2.3. Truncated domes on detectable warning surface tiles shall be in accordance with ADA Accessibility Guidelines (ADAAG) and have a height of 5 ± 1 mm; with a base diameter of 23 mm; and be organized in a regular pattern with spacing of 60 mm minimum on centre; be slip resistant when dry or wet; and contrast visually with adjoining surfaces

1.2.4. Detectable domes shall be on a square grid (in line pattern).



John van Leeuwen
Architecture and Design
412-63 Albert Street Wpg. MB R3B 1G4
Ph: 204-504-7443

SOUTH TRANSCONA COMMUNITY CENTRE-ACCESSABLE RAMP AND STAIR ADDITION

124 BORDEN AVENUE
WINNIPEG, MANITOBA

CLIENT REVIEW SIGNATURE:



SHEET TITLE:
SPECIFICATIONS

PROJECT NO: 2018177

DRAWN BY: RR

CHECKED BY: JV

SCALE:

ISSUED FOR: CONSTRUCTION

ISSUE DATE: APRIL 16, 2019

AA-0.1

DATE PLOTTED

4/16/19