

Owner

City of Winnipeg
Crescent Drive Park, Winnipeg MB

Rev. No.	Date	Revision Notes
0.	2018.07.27	Issued for Construction

08 11 00 STEEL DOORS AND FRAMES (CONTINUED)

4. Locate anchors for frames in existing openings not more than 150 mm from top and bottom of each jambs and intermediate at 660 mm o.c. maximum.

5. Frames for installation in stud partitions shall be provided with steel anchors of suitable design. For installation inside each jamb as follows:

- A. Frames up to 2300mm height - four (4) anchors
- B. Frames 2300mm to 2450mm - five (5) anchors

FRAMES: WELDED TYPE

1. Welding in accordance with CSA W59 or latest.
2. Accurately mitre or mechanically joint frame product and securely weld on inside of profile.
3. Cope accurately and securely weld butt joints of mullions, transom bars, centre rails and sills.
4. Grind welded joints and corners to a flat plane, fill with metallic paste and sand to uniform smooth finish.
5. Securely attach floor anchors to inside of each jamb profile.
6. Weld in 2 temporary jamb spreaders per frame to maintain proper alignment during shipment.
7. Securely attach lead to inside of frame profile from return to jamb soffit (inclusive) on door side of frame only.

HOLLOW STEEL CONSTRUCTION

1. Form each face sheet for exterior doors from 16 gauge minimum sheet steel.
2. Form each face sheet for interior doors from 16 gauge minimum sheet steel.
3. Reinforce doors with vertical stiffeners, securely welded to each face sheet at 150 mm on centre maximum.
4. Fill voids between stiffeners of exterior doors with polyurethane core.
5. Fill voids between stiffeners of interior doors with temperature rise rated core.

INSTALLATION

1. Install doors and frames to CSDFMA Installation Guide.
2. Set frames plumb, square, level and at correct elevation.
3. Secure anchorages and connections to adjacent construction.
4. Brace frames rigidly in position while building-in. Install temporary horizontal wood spreader at third points of door opening to maintain frame width. Provide vertical support at centre of head for openings over 1200 mm wide. Remove temporary spreaders after frames are built-in.
5. Make allowances for deflection of structure to ensure structural loads are not transmitted to frames.
6. Caulk perimeter of frames between frame and adjacent material.
7. At doors to receive paint finish, touch up with primer finishes damaged during installation and fill exposed frame anchors and surfaces with imperfections with metallic paste filler and sand to a uniform smooth finish.

09 29 00 GYPSUM WALLBOARD

1. Standard interior board: Impact-resistant, mold-resistant, glass-mat faced, type X gypsum board. DensArmor Plus by Georgia Pacific or approved equal in accordance with B7 Substitutes. Thicknesses to be 16 mm as noted on Drawings.
2. Interior board for ceilings: Abuse-resistant, Type X gypsum wall board by Georgia Pacific or approved equal in accordance with B7 Substitutes. Thickness to be 16 mm as noted on Drawings.
3. Drywall furring channels: 0.5 mm core thickness galvanized steel channels for screw attachment of gypsum board.
4. Steel drill screws: to ASTM C 1002 or latest.
5. Stud adhesive: to CAN/CGSB-71.25 or latest.
6. Laminating compound: as recommended by manufacturer, asbestos-free.
7. Sealants: in accordance with Section 07 92 00.
8. Polyethylene: to CAN/CGSB-51.34 or latest, Type 2.
9. Insulating strip: rubberized, moisture resistant, 3 mm thick closed cell neoprene strip, 12 mm wide, with self sticking permanent adhesive on one face, lengths as required.
10. Joint compound: to ASTM C 475 or latest, asbestos-free.
11. All Work is to be done by skilled trades persons, in accordance with CSA Standard A82.31, approved manufacturer's trade Specifications and to the Manual of Gypsum Wallboard Construction by Gypsum Drywall Contractors International.
12. Examine Site conditions and other underlying Work. Ensure that all bucks, anchors, blocking, electrical and mechanical Work which are to be installed in or behind gypsum wallboard have been installed and approved.
13. Apply wallboard using vertical method, with the board parallel to bearing. Fixing is to be used. Screw fixing at 305 mm O/C for ceilings and 405 mm O/C for walls.
14. Install metal accessories as follows: corner beads to be installed at all external corners, using longest practical lengths and fixed at max. 150 mm O/C on alternate sides; metal edge trim shall be installed to all cased openings and wherever gypsum wallboard abuts a dissimilar Material. Use longest practical lengths, fixed at max. 305 mm O/C.
15. To finish gypsum wallboard, tape, fill and sand all exposed joints, edges and corners, openings and fixings to produce an acceptable surface ready for decoration. Allow for full skim coat where painting will occur over glass-mat faced panels. Metal corner beads, casing beads and trim shall be used wherever detailed or specified or otherwise required to carry out the Work in accordance with good construction practice. All such items shall be filled and finished unless specifically noted otherwise. Taping and filling of all joints and other items shall be with a minimum of three coats.

09 67 00 RESINOUS FLOORING

EPOXY FLOOR FINISH

1. Provide labour, Materials, tools and equipment required to install complete resinous flooring system specified in this Section including surface preparation.
2. Submit manufacturer's Product data, including physical properties and appearance options including: standard colours, variable surface textures and surface sheen.
3. Submit manufacturer's colour charts showing the full range (including custom colours) of colours available for each type of finish coat Material indicated for Contract Administrator's initial selection.
4. Submit samples of each colour and Material being applied, with texture to simulate actual conditions, on representative samples of the actual substrate and as follows for Contract Administrator's verification:
 - A. Use representative colours when preparing samples for review; resubmit until required sheen, colour, and texture are achieved.
 - B. List of Material and application for each coat of each sample; label each sample for location and application.
 - C. Submit samples on the following substrates for Contract Administrator's review of colour and texture:
 1. Hardboard: Provide two (2) 100 mm square samples for each colour and finish.

09 67 00 RESINOUS FLOORING (CONTINUED)

5. Submit Applicator's written warranty, signed and issued in the name of The City warranting the Work of this Section against defects in Materials and workmanship for a period of one (1) year from the date of Substantial Performance of the Work.

SYSTEM

1. Sikafloor Morritex Broadcast System by Sika Canada Inc. or approved equal in accordance with B7 Substitutes.
2. 2mm (80mils) minimum system thickness.

COMPONENTS

1. Primer, Broadcast Coat and Top Coats: two component, clear, high solids, low odour, low VOC, high gloss epoxy finish:
 - A. Applied Thickness:
 1. Prime Coat: 203 µm (8 mils) wet film thickness
 2. Broadcast Coat: 1,143 µm (45mils) wet film thickness
 3. Top Coat: 508 µm (20 mils) wet film thickness
 - B. Product: Sikafloor 261 by Sika Canada Inc. or approved equal in accordance with B7 Substitutes.
2. Silica Broadcast Aggregates: Medium texture #32 (spherical) 0.3 – 0.85 mm by Bell & MacKenzie Co. Ltd. or approved equal in accordance with B7 Substitutes.
3. Epoxy Cove Mortar: three-component, solid colour, low odour, low VOC, vertical grade coving and detailing mortar with primer.
 - A. Product: Sika Canada Inc., Sikafloor Morritex Epoxy Cove Mortar or approved equal in accordance with B7 Substitutes.
4. Accessories: Provide all cleaning agents, cleaning cloths, sanding Materials, and clean-up Materials required per manufacturer's written requirements.

APPLICATION AND PROTECTION

1. Mix and apply Material in accordance with manufacturer's written installation instructions and procedures.
2. Protect finished floor from damage by subsequent trades.
3. Protect freshly applied Products from dampness, condensation and water for at least seventy-two (72) hours.
4. Monitor air flow and changes in air flow. Protect against introduction of dust, debris, and particles, etc. that may result in surface imperfections and other defects.
5. Follow manufacturer's written recommendations with respect to cure, wait time and return to service.

09 90 00 PAINTING

1. Provide paint finish where called for on the Drawings. Allow for (1) base colour, and (1) distinct accent colour in each room. Note this does not include pre-finished items, e.g. flashing, windows, etc.
2. All paint colours to be selected by Contract Administrator.
3. Provide small area with specified number of coats of each colour prior to complete application or two weeks minimum prior to painting.
4. Prepare all surfaces according to paint manufacturer's specifications for warrantable adhesion and smooth professional finish.
6. Paint type and method
 - A. Interior Gypsum Board walls and ceilings:
Paint Requirements: One coat Primer. Two coats epoxy paint using Pro Industrial, Pre Catalyzed water based Epoxy by Sherwin Williams or equal in accordance with B7.
 - B. Exposed steel
Paint Requirements: One coat primer using Pro Industrial Pro-Cryl Universal Acrylic Primer by Sherwin Williams or equal. Two coats epoxy paint using Pro Industrial, Pre Catalyzed water based Epoxy by Sherwin Williams or equal in accordance with B7.

10 14 00 SIGNAGE

1. Sign graphics to be well defined, arranged for balanced appearance, and properly word and letter spaced. Graphics and text size and contrast to conform to Winnipeg 2015 Accessibility Guidelines.
 2. Fabricate signs in accordance with details, Specifications and Shop Drawings. Build units square, true, accurate to size, free from visual or performance defects. Accurately fit and securely join sections to obtain tight, closed joints. Allow for thermal movement without distortion of components. Exposed fasteners permitted only where indicated or approved by Contract Administrator and to be inconspicuous and same finish and colour as base Material, or as noted.
 3. Manufacturer's nameplates on sign surface locations visible in completed work is not acceptable.
- 10 99 90 MISCELLANEOUS SPECIALTIES**
- TOILET PARTITIONS & URINAL SCREENS
1. Toilet Partitions: Hadrian Standard Series Solid Plastic or equal in accordance with B7.
 2. Style: Ceiling hung.
 3. Type: 25mm thick High Density Polyethylene (HDPE) homogeneous colour thru Material.
 4. Include panel brackets, three (3) pilaster attachments per panel, concealed gravity type hinges, two (2) door stops per door, one (1) collapsible coat hook per stall, sliding latches, pilaster shoes, hinges, brackets and bumpers to be extruded clear anodized aluminum. Each door to have 140mm D-type door pulls. Provide an additional 140mm D-type door pull on the inside of each outward swinging door, installed according to 2015 City of Winnipeg Accessibility Design Standards. Colour to be selected from standard range available by Contract Administrator.

ACCESSORY LEGEND

GB	Grab Bars	BOBRICK model series B-5806. GB-1: 24" GB-2: 30" GB-3: 30"
MIR	Mirror	Polished stainless steel mirror. Dimensions as per Drawings and site confirmed conditions. Refer to Section 05 50 00 Metal Fabrications.
TP	Toilet Paper Dispenser	BOBRICK Model B2890. Service-Mounted Single Jumbo-Roll.
RH	Robe Hook	FROST Model: 1150.
SN	Sanitary Napkin Disposal	BOBRICK model B-270. Surface Mounted.
SD	Soap Dispenser	BOBRICK model: B4112. Surface Mounted.
WR-1	Circular Waste Chute	BOBRICK model: B-529. 5-1/2" countertop-mounted circular waste chute.
WR-2	Floor Standing Waste Receptacle	BOBRICK model: B-2280. Free standing waste bin with open top.

ACCESSORY NOTES

1. Install all accessories as per manufacturer's written instructions.
2. Install plumb and level, securely and rigidly anchored to substrate.
3. Verify exact location of accessories for installation and ensure blocking has been provided as required.
4. Supply two (2) keys for each accessory to City of Winnipeg. Master key all accessories.
5. Provide steel anchor plates and anchor components for installation as needed.
6. Provide adequate blocking for all grab bar & accessory installation.

END OF ARCHITECTURAL SPECIFICATIONS



This drawing must not be scaled. The contractors shall verify all dimensions and other data on site prior to commencement of work. Discrepancies, errors, and omissions are to be reported to Public City Architecture Inc. prior to proceeding with the Work.

Drawings and specifications as instruments of service are the property of Public City Architecture Inc., and when made, must bear their name. All prints to be returned to Public City Architecture Inc. upon request.

Project

Crescent Drive Park Pavilion

Drawing

Architectural Specification

Drawn By	Reviewed By
DB, TH	AL
Scale	Drawing No.
As Noted	A-SP2

Date	Project No.
2018.05.24	1448