#### **CRESCENT DRIVE PARK PAVILION CRESCENT DRIVE PARK, WINNIPEG, MANITOBA**

## **GENERAL CONDITIONS**

## GENERAL PROVISIONS

.1 Notwithstanding the terms of the Contract between the City of Winnipeg and the Contractor, the general terms, definitions, conditions of that Contract are read in conjunction with these Specifications and the Drawings listed on A-00 these are, in their entirety, the Contract Documents.

.2 The Specifications include all the written instructions herein and on the drawings.

.3 General Notes and Specifications on one drawing apply to all drawings unless specifically noted otherwise.

.4 In the Contract Documents, "supply" means: deliver to the site and place as directed by the Contractor. "Install" means: accommodate in the Work, receive, store, assemble, adjust, trim, and fit as necessary to make fully operational. "Provide" means: supply and install.

ADMINISTRATION OF THE CONTRACT

.1 The Contract Administrator will be the first interpreter of the Contract Documents and give findings to all parties. The findings shall not be partial to the Contractor or the City of Winnipeg.

.2 The General Conditions of the Contract apply to the Drawings and Specifications included here.

## **00 31 00 AVAILABLE PROJECT INFORMATION**

SOILS INVESTIGATION

.1 Any information pertaining to soils and all borehole logs are furnished by the Consultant as a matter of general information only and borehole descriptions or logs are not to be interpreted as descriptive of conditions at locations other than those described by the boreholes themselves.

.2 Included within the Bid Opportunity is the geotechnical investigation report titled "Crescent Drive Park Pavilion Geotechnical Investigation", prepared by DYREGROV ROBINSON INC. (dated May 27, 2016, Project: 163939).

.3 The purpose of these reports is to provide geotechnical information of the site, and recommendations for the design of the permanent foundation engineering work.

.4 The report may not reveal all conditions that exist or can occur on the site. The Contractor should conduct further investigation, as deemed necessary.

## TOPOGRAPHICAL SURVEY

.1 The Topographical Survey prepared by Pollock & Wright Land Surveying and Geomatics (dated 20 November, 2015, Pollock & Wright File No. 269M/15).

## 01 93 00 FACILITY MAINTENANCE

MAINTENANCE & COMMISSIONING

.1 System Start-up and First Year Winterization

A. Contractor to perform the system start-up with training for City staff in accordance with the information contained in the Operation and Maintenance Manuals in order to have the Work fully operational for public use by the date of Substantial Performance.

B. After the operation of the Work for the season, the Contractor shall perform the first year winterization of the Work with training for City staff.

C. The Contractor shall provide the Contract Administrator with 48 hours notice prior to commencing the start-up and winterization procedures in order that the City staff may attend.

.2 Operation and Maintenance Manuals:

A. The Contractor shall provide, in a format acceptable to the Contract Administrator, three (3) bound copies as well as one electronic copy (in pdf format) detailing the operation and maintenance instructions for all elements of the Construction including:

(I) Manufacturers' written instructions, warranties, shop drawings, schedules, wire diagram and a listing of persons to contact for repairs during the warranty period.

(ii) Descriptions of day to day operations, preventative maintenance, annual and periodic maintenance, and procedures for seasonal shut down and start-up.

.3 Staff Training:

A. Provide On-Site training to City staff and maintenance personnel in proper operation and maintenance procedures for the system.

B. Trainers shall be qualified trades persons or consultants knowledgeable of the equipment and familiar with the installation at Crescent Drive Park Pavilion.

C. Legible documentation shall be provided to City staff during the training

## **MATERIALS AND METHODS**

#### 03 35 00 CONCRETE FINISHING

.1 Structural slab concrete floor to be machine paddle float polished.

.2 Concrete to be protected during construction against chipping, staining,

.3 Refer to Structural and Landscape Specification for further instruction on concrete work.

## 05 50 00 METAL FABRICATIONS

marring or any other damage to effect final finish.

PRODUCTS

.1 Miscellaneous Steel Sections: Supply all miscellaneous steel angles, plates, brackets, lintels, etc., as indicated and noted on the drawings. Size according to loads, set plumb and true and securely fix. Continuously weld and grind smooth exposed connections. Refer to structural drawings and specifications for connections.

.2 Stainless Steel Trough Sinks (L-1, L-2, L-3): To be fabricated by Kustom Metal Kraft Manufacturing Inc., or approved equal in accordance with B7 Substitutes.

.3 Mirrors: To be 1/16" non-directional mirrored stainless steel adhered to 3/4" plywood. Manufacturer: Excelsior Steel Processing Ltd., or approved equal in accordance with B7 Substitutes. Finish: X-L Buff. Bend and wrap stainless steel around sides of plywood. Adhere to GWB substrate behind.

.4 Aluminum facade panels to be custom fabricated with light sandblast finish.

EXECUTION

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

.2 Use self-tapping shake-proof round headed screws on items requiring a screws or as indicated.

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

.4 Ensure exposed welds are continuously sealed for length of each joint. exposed welds smooth and flush with adjacent finish surface. Ease expose small uniform radius.

.5 Exposed Mechanical Fastenings: Flush countersunk screws or bolts; ur located; consistent with design of component, except where noted otherwise

.6 Supply components required for anchorage of fabrications. Fabricate ar related components of same material and finish as fabrication, except whe specifically noted otherwise.

.7 Site confirm field dimensions prior to fabrication.

.8 Fabrication Tolerances:

Squareness: 3 mm (1/8 inch) maximum difference in diagonal measurement Maximum Offset Between Faces: 1.6 mm (1/16 inch). Maximum Misalignment of Adjacent Members: 1.6 mm (1/16 inch). Maximum Bow: 3 mm in 1.2 m (1/8 inch in 4 ft).

Maximum Deviation From Plane: 1.6 mm in 1.2 m (1/16 inch in 4 ft).

.9 Clean surfaces of rust, scale, grease, and foreign matter prior to finishin

.10 Do not prime surfaces in direct contact bond with concrete or where fie required.

.11 Apply coatings in shop and before assembly. Where size permits, galv components after assembly.

.12 Prime paint items with one coat. Apply two coats of primer to areas ina after final installation.

.13 Hot dip galvanize components where indicated after fabrication in acco requirements of CSA Standard G164-M1981.

.14 Apply one coat of bituminous enamel to contact surfaces of metal com contact with cementitious materials and dissimilar metals.

#### .15 Isolate aluminum from following components, by means of bituminous Dissimilar metals except stainless steel, zinc, or white bronze of small area Concrete, mortar and masonry, (C) Wood.

.16 Shop Painting:

A. Apply one shop coat of primer to metal items, with exception of galvanized or concrete encased items.

B. Use primer unadulterated, as prepared by manufacturer. Pain surfaces, free from rust, scale, grease. Do not paint when temperative lower than 7°C.

C. Clean surfaces to be field welded; do not paint.

D. Non-ferrous metals shall be finished as specified by item.

## 06 10 00 ROUGH CARPENTRY

.1 Include in this Section all rough carpentry work as required to complete including but not limited to: (A) Walls, partitions, floors and ceilings, (B) Ro roof sheathing, fascias and soffits. (C) All nails, screws, staples, blocking, fu shims, fasteners, hardware, anchors and straps as required.

.2 Store and install wood materials that must maintain dimensional stability successful installation of later work in dry areas and where further work will contribute to high humidity conditions.

.3 Framing and rough carpentry shall be carried out using S,P,F No. 1 & 2 g wood, unless otherwise specifically required by the Drawings or Specificati

.4 All new stud walls, furring blocking, structural framing, door and window rough carpentry as well as all nails, screws, bolts, metal joist hangers and o connectors shall be provided as required to carry out the work of this Bid C

.5 All exterior materials shall be installed with hot dipped galvanized or alu or fasteners in compliance with wood type.

.6 Install work plumb, square, level, permanently secured, accurately and and aligned in locations required by other Work.

.7 Install permanent bracing and bridging prior to application of any loads.

.8 Install reinforced plastic sheet damproof membrane between wood men concrete or masonry. Protect all wood from wetting and moisture gain. Rec store all products with care, preventing damage. Store indoors in secure, dr the floor, under wrap.

.9 Install all door hardware in strict conformance with manufacturer's instru as dictated by hardware schedule.

.10 Make provisions in all cabinetry and millwork for electrical, water servic electrical outlets and provide concealment of service lines in the work exce service must be exposed.

.11 All framing and furring exposed to weathering to be pressure treated g

## 06 20 00 FINISH CARPENTRY

PRODUCTS

.1 Softwood lumber: unless specified otherwise, S4S, moisture content 19 accordance with following standards:

A. CAN/CSA 0141.

B. NLGA Standard Grading Rules for Canadian Lumber.

- C. AWMAC custom grade, moisture content as specified.
- D. Machine stress-rated lumber is acceptable for all purposes.

.2 Hardwood lumber: moisture content 6 % or less in accordance with follo standards:

- A. National Hardwood Lumber Association (NHLA).
- B. AWMAC custom grade, moisture content as specified.

.3 Lumber manufacturing process must adhere to Lifecycle Assessment (L Standards as per ISO 14040/14041 LCA Standards.

.4 All panel materials to be SFI Certified wood products. All panel materials certified under Sustainable Forest Initiative.

- .5 Douglas fir plywood (DFP): to CSA O121, standard construction or lates
- .6 Canadian softwood plywood (CSP): to CSA O151, standard construction
- .7 Hardwood plywood: to CSA O115 or latest.
- .8 Particleboard: to ANSI A208.1-99 or latest.

issembly by	.9 Manufacturing process must adhere to Lifecycle Assessment Standards as ISO 14040/14041 LCA Standards	07 2	
	.10 Nails and staples: to CSA B111 or latest; galvanized to CAN/CSA-G164 or latest for exterior work, interior humid areas and for treated lumber; plain finish elsewhere.	.1 W singl and	
File or grind ed edges to	.11 Wood screws: to CSA B35.4 or latest plain, type and size to suit application.	.2 M	
nobtrusively se.	.12 Splines: wood. .13 Adhesive: recommended by manufacturer such that formaldehyde emissions do		
nchors and	not exceed 0.05 ppm 180 _g/m3.		
re	.14 Vertical rainscreen slats to be formed from 2" x 3" rough, clear mixed grain dougles fir lumber. Three (3) sides to remain rough. Fabricators to create knife and rip profile on one 2.5" side. All vertical rainscreen pieces to be machined and prefinished by Yarrow Sash & Door (or approved equal in accordance with B7 Substitutes).		
nts.	EXECUTION		
	.1 Do finish carpentry to Quality Standards of the Architectural Woodwork Manufacturers Association of Canada (AWMAC), except where specified otherwise.	.3 U	
ıg.	.2 Scribe and cut as required, fit to abutting walls, and surfaces, fit properly into recesses and to accommodate piping, columns, fixtures, outlets, or other projecting, intersecting or penetrating objects.	.4 R air/va <b>07 4</b> 2	
eld welding is	<ul> <li>.3 Form joints to conceal shrinkage.</li> <li>4 Design and select fasteners to suit size and nature of components being joined. Use</li> </ul>		
anize	.4 Design and select fasteners to suit size and nature of components being joined. Use proprietary devices as recommended by manufacturer.		
accessible	.5 Set finishing nails to receive filler. Where screws are used to secure members, countersink screw in round cleanly cut hole and plug with wood plug to match material being secured.		
ord with	.6 Replace items of finish carpentry with damage to wood surfaces.	defeo	
ponents in	.7 Butt and cope internal joints to make snug, tight joints. Cut right angle joints of trim, casing, and base with mitred joints.		
paint: (A) ., (B)	.8 Fit backs of trims and casings snugly to wall surfaces to eliminate cracks at junction with walls.		
., (D)	.9 Make joints in casing and trims where necessary using a 45° scarf type joint.	insta .7 V	
of aluminum,	.10 Install trims in single lengths without splicing. 06 64 00 PLASTIC PANELING	faste indic	
	.1 3 mm ACRYLITE Resist corrugated sheets, high impact acrylic, wave profile. Colour	.8 S	
t on dry ature is	and finish to be selected by Contract Administrator from manufacturer's full range.	wher .9 C	
	<ul> <li>.2 Provide manufacturer recommended gaskets and fasteners for installation.</li> <li>07 17 13 WATERPROOFING</li> </ul>	and 6 alum	
	.1 Include all waterproofing work as required to properly complete the work of the project.	<b>07 5</b> 0	
the project, of framing, urring,	.2 Ensure that surfaces to receive membrane have been smoothed and are firm, dry and free of dew frost, voids, projections, loose material, oil, grease, asphalt, curing compounds, and other foreign matter.	Pane .2 W (Galv	
-	07 21 00 THERMAL INSULATION	manı .3 In	
y for I not	BLANKET INSULATION .1 Batt and blanket mineral fibre: to ASTM C 665, Type 1, CFC and formaldehyde free	polys 4	
grade	to R-Value/thickness and locations indicated on drawings.	.4 In	
ons. r frames and other	support and confirm. ity. .3 Mineral fibre fire-resistant: nails A. "RXL Safe n' Sound" non-combustible mineral wool fibre insulation made from basalt rock and slag, by Roxul Inc.		
)pportunity. minum nails			
closely fitted,	B. "Paroc Safing Insulation" by Partek Insulation, as distributed by Steels Industrial Products, basaltic rock fibres bonded into semi-rigid board.	.8 G	
	RIGID INSULATION	perm	
nbers and eive and ry area off	.1 Exterior walls above grade: Extruded Polystyrene to CAN/ULC-S701, Type 3, RSI = 0.87/25mm (R5/in.), butt edges, staggered joints and taped. Standard of acceptance: Styrospan, or Styrofoam CavityMate by Dow Chemical Inc., or CelFort 200 by Owen's Corning Celfortec Inc. Total thickness as per drawings.		
uctions and	.2 Exterior walls below grade: Extruded Polystyrene to CAN/ULC-S701, Type 4, RSI = 0.87/25mm (R5/in.), butt edges. Refer to Section 07 50 10 - CFI (Concrete Faced Insulated) Wall Panels.		
ces and pt where	.3 Underslab (interior & exterior): Extruded polystyrene to ASTM C578, Type 7, RSI = 0.87/25mm (R5/in.), butt edges, compressive strength of 60psi min. Standard of acceptance: Styrofoam Highload 60 by Dow Chemical Inc., or Foamular 600 XPS.		
reen.	Total thickness as per drawings. .4 Roof:	Clos profil	
% or less in	A. Glass fibre reinforced polyisocyanurate foam insulation sloped as required, and mechanically fastened to the roof deck. Provide tapered insulation where indicated and where required to maintain a minimum 2% slope to roof drains, unless noted otherwise. Total thickness as per drawings.	FABI .1 Fo defeo	
	B. TOP layer to be Soprema Sopra-ISO Plus with glass filament facer: thermal resistance allowable of RSI - 1.00/25mm (R=5.7/in.), or acceptable "as Equal". Min. <u>3" (75mm)</u> thick Type 2 polystyrene, tapered for back slopes, and positive drainage.	.2 Fo	
	C. BOTTOM layer to be Soprema Sopra-ISO polyisocyanurate insulation with fibre reinforced facer: thermal resistance allowable of RSI - 1.00/25mm (R=5.7/in.), or acceptable "as Equal". Primer: as recommended by the	INST .1 R clear	
owing	manufacturer for the specific product and application. D. 2 layers of polyisocyanurate insulation to be staggered if called for on drawings. Primer: as recommended by the manufacturer for the specific	.2 E .3 If with	
	product and application. .5 Insulation clips: impale type, perforated 50 x 50 mm cold rolled carbon steel 0.8 mm thick, adhesive back, spindle of 2.5 mm diameter annealed steel, length to suit insulation, 25 mm diameter washers of self locking type.	.4 W .5 S	
_CA)	.6 Performance requirements for installed insulation fasteners: (A) Pullout Resistance:	.6 E	
s to be st.	minimum 200N, perpendicular to applicable substrates and within temperature range of -30C to +40C, (B) Corrosion Resistance: carbon steel components shall show not more than 15% of the surface rusted, and coatings shall not blisher, peel or crack, when tested to Corrosion Test Procedure of Factory Mutual Research Approval		
n or latest.	Standard, Class I Roof Covers (4470) FOAMED-IN-PLACE INSULATION	flash .9 Wi	
	.1 Spray-foam insulation: spray polyethylene to CAN/ULC-S705.1	isola <sup>.</sup> move	
	.2 Primer: in accordance with manufacturer's recommendations for surface conditions.		

25 00 VAPOUR AND AIR BARRIER

/aterproofing membrane components and accessories must be le-source from the membrane manufacturer to ensure total syst integrity. lembranes

> A. Primary sheet air/vapour barrier shall be Blueskin TG Henry - Bakor, a SBS modified bitumen, reinforced therr membrane. Thickness: 2.5 mm (100 mils) min.

> B. Self-adhered air/vapour barrier transition membrane s manufactured by Henry - Bakor, a SBS modified bitumen, membrane complete with a cross-laminated polyethylene mm (40 mils) min.

> C. Through-wall flashing membrane and dampproof cours shall be Blueskin TWF manufactured by Henry-Bakor, a bitumen, self-adhering sheet membrane complete with a c polyethylene film. Thickness: 1.0 mm (40 mils),

Jse adhesive and primers in accordance with Manufacturer's rea efer to Section 07 53 50 Modified Bituminous Membrane Roof

apour barrier membrane.

42 13 METAL WALL PANELS

Exterior panel: Aluminum, 3/16 inch thick, ASTM B209, 5052-H3 es, not to exceed standard plate dimensions. Exterior finish: Sa inistrator to approve sample finish prior to fabrication.

asteners: Aluminum facade to be fastened with stainless steel ntersunk flush with face of aluminum.

orm sections true to shape, accurate in size, square, and free cts. Form pieces in longest practicable lengths.

Return seams on panels are bent using press brake machine.

erify dimensions, tolerances, and interfaces with other work are I wall panel installation.

erify substrate on-site to determine that conditions are acceptal llation in accordance with manufacturers written instructions.

erify support system has been installed perpendicular to panel ened to substrates and shimmed and leveled to uniform plane. ated.

eparate dissimilar metals; use gasket fasteners, isolation shims re needed to eliminate possibility of electrolytic action between

lean aluminum surfaces in accordance with recommendations 610. Do not use agressive alkaline, TSP, acid cleaners, or abra inum surfaces.

# 50 10 CFI (CONCRETE FACED INSULATED) WALL PANELS

CFI®Wall Panel, in modular sections, Manufacturer: Tech-Crete el size: Width: 610 mm (24 inches), Length: 1220 mm (48 inche

/all Panel Attachment: Galvanized Steel: ASTM A123/A123M vanized), Z275 to G90 coating designation, preformed as supp ufacturer, complete with corrosion proof masonry fasteners.

sulation: STYROFOAM<sup>™</sup> Tech-Crete Blanks by DOW Chemi styrene, conforming to code requirements, in accordance with

sulation Thickness: 4 inches

oncrete: Latex modified concrete mix, 8 mm (5/16") thick, with length.

dge Treatment: Tongue and groove along longitudinal foam ed al edges.

urface Finish and colour to be selected by Contract Administrat ufacturer's standard range.

askets to Adjacent Substrates: Standard type suitable for use nanently resilient; ultraviolet and ozone resistant; colour to mate

ealants to Adjacent Substrates: Standard type suitable for use em; non-staining, non-skinning, non-shrinking and non-sagging ne resistant; colour as selected.

Clips and Fasteners: Manufacturer's standard type to suit appli

Field Repair and Touch-up: As recommended by panel manufa

Perimeter Insulation Flashings 24 gauge minimum: Coordinate ures and flashings for perimeter insulation system with Section

nternal and External Corners: Follow manufacturers installation ner details. Metal profiles to suit assembly, brake formed to requ sure Pieces, Caps, Flashings, Facias, Soffits and Infills: Brake for es.

# RICATION

orm sections true to shape, accurate in size, square, and free cts.

orm custom pieces in longest practicable lengths.

abricate corners in one continuous piece

TALLATION

emove substrate surface irregularities before installing wall pan debris clear of surfaces to receive panels.

nsure water proofing below grade is cured and dry.

the lowest substrate surface is not level to receive panels, creating a galvanized steel ledger angle, and secure level.

leather lap barriers, stagger vertical joints of each course. Repa

eal securely to achieve air and moisture tightness.

nsure snug fit between panel tongue and grooves, and lateral

istall panels with vertical joints and panel control joints in aligni

over exposed insulation at corners and top of perimeter insulat ing as specified in Section 07 62 00 - Sheet Metal Flashing and

here concrete flatwork or asphalt is to be laid adjacent to CFI Wall Panels, an

ation joint should be provided to protect the CFI mortar surface from differential ement.

	07 53 50 MODIFIED BITUMINOUS MEMBRANE ROOFING		
be obtained as a /stem compatibility	.1 System: 2-ply modified bitumen roof assembly	<b>DC DC DCDC DC DCDDCDDCDDCDDDCDDDDDDDDDDDDD</b>	
G manufactured by	.2 Air/vapour barrier membrane (AVB): thermo-fusible membrane composed of glass reinforcement, styrene-butadiene-styrene (SBS 110) modified bitumen and thermo-fusible plastic film, to CGSB 37-GP-56M, "Membrane, Modified, Bituminous, Prefabricated, and Reinforced for Roofing".	Peter Sampson Architecture Studio Incorporated 707 Sara Avenue R3G 0Y8 Winnipeg, Manitoba studio@psastudio.ca	
ermofusible	A. Elastophene Flam 2.2 S/P, as manufactured by Soprema. Prime with	1 204 475 9323	
shall be Blueskin SA n, self-adhering sheet	Elastocol 500. B. Torchflex TF-95-FF-Base 2.2, as manufactured by IKO		
e film. Thickness: 1.0	.3 Roofing insulation: Refer to Section 07 21 00 - Thermal Insulation	Owner City of Winnipeg	
urse (Self-Adhering) a SBS modified	.4 Plywood: Refer to Section 06 10 00 - Rough Carpentry. Thickness as per drawings.	Crescent Drive Park 781 Crescent Drive	
a cross-laminated	.5 Membrane roofing:	No. Date Revision Notes	
recommendations. ofing for roof	<ul> <li>A. Base sheet: SBS 180 torch-on modified bituminous membrane, conforming to CAN/CGSB 37.56-M. Acceptable products: Sopralene Flam 180 by Soprema, equivalent by IKO, or approved equal in accordance with B7 Substitutes.</li> </ul>	1.2016.02.26Issued for Client Review2.2016.07.05Issued for Construction	
H32 alloy. Panel size: Sandblasted. Contract	B. Cap sheet: SBS 250 torch-on modified bituminous membrane, conforming to CAN/CGSB 37.56-M. Acceptable products: Sopralene Flam 250 GR by Soprema, equivalent by IKO, or approved equal in accordance with B7 Substitutes. Colour to be selected by Contract Administrator.		
el #10 wood screws	C. Traffic Cap sheet: SBS 250 torch-on modified bituminous membrane, conforming to CAN/CGSB 37.56-M. Sizes and locations as per drawings. Colour to be distinct from cap sheet.		
e from distortion or	.6 Membrane flashings:		
are acceptable for	<ul> <li>A. Base sheet: self-adhesive SBS elastomeric modified bitumen membrane, conforming to CAN/CGSB 37.56-M. Acceptable products: Sopraflash Flam Stick by Soprema, or approved equal in accordance with B7 Substitutes.</li> </ul>		
table for product	B. Cap sheet: SBS modified bitumen membrane, conforming to CAN/CGSB 37.56- M. Acceptable products: Sopralene Flam 250 GR by Soprema, or approved equal in accordance with B7 Substitutes.		
el length, securely e. Space at intervals	.7 Flame-stop membrane: self-adhesive membrane composed of SBS modified bitumen and a glass mat reinforcement, designed to prevent flames from penetrating into voids, cavities and openings before installing heat-welded membranes. Acceptable products: Sopraguard tape by Soprema, IKO equivalent.		
ms, or isolation tape en metals.	.8 Pourable sealer: Sonolastic SL 2, two part self levelling pourable polyurethane, complete with Sonneborn Primer 733, as manufactured by Sonneborn and Distributed by Brock White.		
ns found in AAMA 609 prasive cleaners on	.9 Modified primer: primer as recommended by manufacturer for the specific product and application. Specific attention to be paid to required laps over existing cap sheets.		
<b>.S</b> ite Processors Ltd., hes)	.10 Waterproofing mastic: multi-purpose mastic composed of SBS modified bitumen, fibres, mineral fillers and solvents. Acceptable products: Sopramastic by Soprema, equivalent by IKO, Bakor or approved equal in accordance with B7 Substitutes.		
1-08 - Zinc-Coated pplied by	<ul> <li>.11 Sealant: Tremco Dymonic FC, equivalent by Bakor, or approved equal in accordance with B7 Substitutes.</li> <li>.12 Accessories:</li> </ul>		
nical, extruded n CAN/ULC S701 type	A. Roofing nails: type and size as required to suit application, conforming		
TCAN/OLC STOT type	to CSA B111, "Wire Nails, Spikes and Staples". B. Screws: purpose made self-drilling of sufficient length to pass through steel decking at least 15mm (5/8").		
h control joint score at	C. Insulation fasteners as recommended by the insulation manufacturer, long enough to penetrate the decking at least 20-mm.		
edges, butt joints on rator from	D. Maximum penetration of fasteners through existing deck to be 25mm. Examine underside of deck to determine location of conduit and place screws to avoid conduit, typical.		
	.13 Vent stacks: Insulated Stack Jack Flashings with metal cap, SJ-37, as manufactured by Thaler.	SHOTINGE OF MANITOR	
e with system, atch adjacent colour.	.14 Protection cup (at pipes penetrating roof): pipe flashing sealed to roof and pipe.	CAMPGON	
e with installation of ng; ultraviolet and	07 62 00 SHEET METAL FLASHING AND TRIM	ARCHITECTURE	
plication; as supplied. ufacturer.	<ul> <li>.1 Flashings and Bent Closures: 0.6 mm (24 ga.) steel, shop pre-coated.</li> <li>.2 Flashing colour at openings and parapet/caps will be selected by Contract Administrator from standard 8000 series colours.</li> </ul>	TE PROMITECTURAL OF	
te supply of end	.3 Fascia: shop pre-coated steel	SALHOE OF MANITO	
on 07 62 00. on guidelines provide	.4 Scupper and downspouts: precoated steel of 24 gauge as per drawings. Colour as selected by Contract Administrator from standard colours.	A BAR	
quired profiles. Trim, e formed to required	.5 Fasteners: Prefinished steel with fiberglass reinforced nylon head and soft neoprene washer, at exposed locations. Finish exposed fasteners to be same colour as flashing and fascias.	2016.07.05 2016.07.05	
e from distortion or	.7 Form sections true to shape, accurate in size, square, and free from distortion or defects. Fabricate cleats, clips, and starter strips of same material as sheet, inter-lockable with sheet. Form pieces in longest practical lengths. Hem exposed edges on underside 13 mm; miter and seam corners and form material with flat lock seam.		
	.8 Seal all joints with clear silicone sealant. .9 Fabricate corners from one piece with minimum 450 mm long legs; solder for	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 the Architect prior to	
	rigidity, seal continuously with silicone sealant. Fabricate vertical faces with bottom edge formed outward 6 mm and hemmed to form drip.	proceeding with the Work. Drawings and specifications as instruments of service are the property of the Architect; the convright in the same being reserved to him	
anels. Sweep and	.10 On exposed faces, return drip edge hem back to form interlock with concealed clip. Provide continuous clips at all exposed faces.	copyright in the same being reserved to him. No reproduction or revision to these drawings may be made without the permission of the Architect, and when made, must bear his name. All prints to be returned to the Architect upon request.	
reate a level surface	.11 Fabricate flashings to allow toe to extend 50 mm over roofing. Return and brake edges.	Project	
epair incidental tears.		Crescent Drive Park Pavilion	
al butt joints.		Drawing Architectural Specification	
nment. lation with prefinished and Trim.		Drawn By Reviewed By DB PS	
l Wall Panels, an e from differential		Scale Drawing No. As Noted SP-1	

Date Project No January 2016 1448

File No.