

STAR MOTORS OF OTTAWA
MERCEDES DENZ

SPECIFICATIONS

ARCHITECTURAL:

BRIAN K. CLARK ARCHITECT
141 CATHERINE ST., SUITE 102
OTTAWA, ON K2P 1C3
attn: BRIAN K. CLARK
TEL (613) 238-7412

STRUCTURAL:

BPA.
580 TERRY FOX DR., SUITE 200
OTTAWA, ON K2L 4B9
attn: ROBERT NEVIN
TEL: (613) 591-1533 x 5230

MECHANICAL & ELECTRICAL:

MCKEE ENGINEERING
1785 WOODWARD DR.
OTTAWA, ON K2C 0P9
attn: SYLVAIN CHENIER
TEL: (613) 723-9584 x 128

CIVIL:

D.B. GRAY ENGINEERING INC.
700 LONG POINT CIRCLE
OTTAWA, ON K1T 4E9
attn: DOUG GRAY
TEL (613) 425-8044

Project No. 1509
September 16 2025

05 50 00 MISCELANEOUS METAL

Supply and install miscellaneous metal fabrications as indicated on drawings. Provide engineered shop drawings for review.

07 13 52 ROOFING

Supply and install 2 ply modified bitumen roof membrane systems, material, curb accessories insulation, taper insulation, and flashings for all areas indicated on drawings. Coordinate installation with mechanical RTU, exhaust fans and roof hatch.

10-year manufacturer's written warranty

10-year OIRCA guarantee certificate.

2-year roofing contractor material, installation and workmanship guarantee.

Perform work in accordance with OIRCA specifications manual.

07 21 13 RIGID INSULATION

Supply and install 50 mm (R-10) cement faced rigid insulation panels.

Union Concrete Specialties

Tech – Crete Processors Ltd.

T Clear Corporation Wallguard Panels

Or equal.

07 27 00 AIR BARRIER

Supply and install materials, adhesives, etc., as required for a complete installation. Breathable A/B where indicated. HENRY blue skin or equal.

07 42 43 COMPOSITE ALUMINUM PANELS

Supply and install ACM panel system, carriers, fasteners, trims, closures, etc., necessary for installation of wall cladding indicated on drawings.

Alpolic

Colour: MNC Mica Anodic Clear (Silver)

Provide shop drawings and samples.

Coordinate with installation of curtain wall, signage and exterior lighting.

07 46 19 PREFINISHED STEEL SIDING

Supply and install pre finished steel siding, carriers, girts, fasteners, trims, closures, etc., as necessary for installation of wall cladding indicated on drawings.

IDEAL Roofing Vicwest or equal

Profile: 7/8" corrugated profile

Colour: PU 7500 Silver, Polyurathane

07 62 00 METAL FLASHINGS

Provide all labor, materials, equipment and services necessary for installation of roof flashings.

Metal roof flashing for all applications to be pre-finished galvanized steel sheet commercial quality to ASTM A526 with Z275 designation zinc coating to ASTM A525, pre-finished STEELCOLOUR 500 series. Colour to Consultant's approval chosen from the full colour range.

Metal thickness to be 24 ga. Oil-canning of fascia flashing will not be accepted and such sheet metal shall be removed and replaced at no additional cost to the Owner. Use sheets and pieces of longest practical length for flashings.

Install sheet metal work to CRCA specifications except where otherwise detailed.

Lock joints and caulk with sealant.

All perimeter cap flashing above ACM panels to be ACM colour and finish to match with cladding

07 84 00 FIRESTOPPING / INTUMESCENT PAINT

Supply and install materials, labour as required.

INTERTEK or equal, provide specifications/data sheets for all products.

Supply and install materials, adhesives, etc., as required for a complete installation. Breathable A/B where indicated.

HENRY blueskin or equal.

08 33 00 FIRE SHUTTERS

Supply and install manual coiling fire shutter, curtain, guides, barrel, springs, etc., as required by OBC c/w label, paint finish.

C.H.I. Coiling Steel Doors or equal.

08 36 00 OVERHEAD DOORS

Provide all labor materials, equipment and services required to fabricate and install overhead type doors.

Provide door, tracks, operators, controls, etc., for a complete installation

Provide Shop Drawings and coordinate with Electrical.

Type 1. High-speed coiling, full vision door
 LEXAN window slats, electric controls
 RYTEK high performance doors

08 42 26 ALL GLASS PARTITIONS AND ENTRANCES

Provide all labor, materials, equipment and services required to fabricate and install glass entrances and all glass partitions complete with all required door hardware, glass and vision security film.

Provide shop drawings for review.

Single clear glass 15.9 mm TK tempered

Vertical glass joints, 5.0 mm wide

Hardware: CR LAWRENCE, LINK Hardware or equal.

Wall/floor U channel: LINK Hardware, CR LAWRENCE or equal.

Doors: Frameless surface mounted pivoting glass doors. Tubular pulls, stainless steel finish, closer and hold open.

08 44 13 ALUMINUM FRAMING

Aluminum finish: Clear anodized # 14 .0007" class 1 throughout.

Aluminum curtain walls: Kawneer # 1600UT System 2 Curtain Wall

Aluminum Doors: Kawneer Insulclad 560 series stile doors

 Thermally broken

 5" vertical stiles

 5" top rails

 90-degree corner extrusion as detailed.

Hardware:

 Continuous gear hinges

 LCN 4040 exposed closers

 Kawneer Architects Classic C0-9 / CP push pulls

 Threshold to suit

 Sweeps

 Weathering

 Locking: coordinate w/ owner's requirements

Handicap operators: coordinate with owner's requirements.

08 80 00 GLASS (T. UNITS)

Glazing:

Dual-Seal, warm edges spacers, black
Black Polyisobutylene primary seals
Black silicone secondary seals
Edges delete low e coatings to ensure bond of sealant to glass surfaces

Vision Glass (VG):

1" overall IGU
6mm Vitro SOLARBAN 70...or equal performing (2) tempered
X 6mm SN68 low e (3) tempered glass, inboard lite
X black warm edge spacers
X argon glass

Spandrel Glass (SP):

1" overall IGU
6mm clear tempered glass w/ bird friendly etching
X 6mm clear w/ ceramic frit coating, colour TBD
X black warm edge spacers
X argon gas

Galvanized back pans (exposed):

5" deep with Roxul Curtain Rock Insulation
20 gauge galvanized metal

Steel Anchors @ Mid Span:

10mm thick steel base plate
6mm thick
Prime painted gray

Aluminum Sill Flashings:

Break formed prefinished aluminum, .050" thickness
black finish

Air Seals:

Peel and stick Blueskin air seal 6" wide transition strip into main building air barriers

Foam Insulation:

HILTI low expansion extreme weather foam

Fasteners:

Stainless steel throughall

Silicone:

Dow Corning 795Black

Structural beads and glass to glass weatherseals

Caulking:

Dow Corning CWS

Architect to advise colour selection.

09 22 16 METAL STUD FRAMING

Supply and install steel stud framing, tracks, etc., as required for a complete installation. Provide shop drawings where engineered stud design required by OBC.

09 51 13 ACT

Supply and install ACT suspended ceiling and grid system materials and components as required to install suspended ceiling as indicated on drawings.

Materials: CGC CLIMAPLUS MARS TEGULAR TILE FINELINE GRID. White.

09 66 00 CERAMIC TILE FLOORING

Provide all labor, materials, equipment and services necessary to complete all ceramic tile flooring and bases as shown on the drawings and as specified herein.

Supply and install ceramic tile. Apply a leveling layer as required to ensure a level surface. Product to be manufactured precisely to an exact size and with factory rectified edges.

Tiles:

Type 1 - Floor Covering Basic Mid Grey

Size: 30x60cm

Specifications:

- Olympia Tile
- Marazzi Tecnica, SistemN
- MZ.SN.GFN.1224.MT
- Neutro Grafite, Matte
- 1/3 offset pattern
- Grout Mapei #47, Charcoal

Type 2 - Floor Covering Presentation Dark Grey

Size: 60x120cm

Specifications:

- Olympia Tile
- Marazzi Tecnica, SistemN
- MZ.SN.NNO.2448.MT
- Neutro Nero, Matte
- 1/3 offset pattern
- Grout Mapei #10, Black

Type 3 - Floor Covering Wood Look

Size: 10x70cm

Specifications:

- Olympia Tile
- Treverkfusion Series
- MZ.TF.NTR.0428
- Neutral Beige
- Grout Mapei #108, Bamboo