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**1.1 RELATED SECTIONS**

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| .1 Wood Cant Strips, Blocking, Curbs, and Nailing Strips | 06100  |
| .2 Modified Bitumen Roofing :                            | 07500. |

**2.1 PREFINISHED ALUMINUM SHEET**

- .1 Finish aluminum sheet metal with factory applied coating to CGSB 93-GP-1M amended as:
- Alcan painted coiled stock 0.56mm thickness.
  - Colour as designated and / or scheduled.
  - Enamel Finish: for aluminum feature strip and trim in accordance with 05032, aluminum minimum 0.91 mm, colour as selected.

**2.2 ACCESSORIES**

- .1 Isolation Coating: Alkali resistant bituminous paint.
- .2 Plastic Cement: to CGSB 37-GP-5M.
- .3 Sealants: in accordance with 07900, paragraph 2.1.4, Colour as selected.
- .4 Cleats: of same material and temper as sheet metal, min. 50mm wide. Thickness same as sheet metal being secured.
- .5 Fasteners: of same material as sheet metal, to CSA B111-1974, flat head roofing nails of length and thickness suitable for metal flashing application.
- .6 Washers: of same material as sheet metal, 1mm thick with rubber packings.
- .7 Solder: to ASTM B32-76, 50% tin and 50% lead.
- .8 Flux: rosin, cut muriatic acid, or commercial preparation suitable for materials to be soldered.
- .9 3/4" plywood for back up of feature aluminum strip.

**2.3 FABRICATION**

- .1 Fabricate metal flashings and other sheet metal work to applicable CRCA ' FL ' series specifications and as detailed
- .2 Fabricate aluminum flashings and other sheet aluminum work in accordance with Aluminum Association ' Aluminum Sheet Metal Work in Building Construction - 1971 '.
- .3 Form pieces in 2400 mm maximum lengths. Make allowance for expansion at joints.
- .4 Hem exposed edges on underside 12 mm. Mitre and seal corners with sealant.
- .5 Form sections square, true and accurate to size, free from distortion and other defects detrimental to appearance or performance.
- .6 Apply isolation coating to metal surfaces to be embedded in concrete or mortar.

**2.4 METAL FLASHINGS**

- .1 Form flashing, coping, fascias and scuppers to profiles indicated of minimum 0.57mm thick prefinished aluminum unless otherwise indicated.

**2.5 REGLETS AND CAP FLASHING**

- .1 Form metal cap flashing of 0.57mm thick prefinished aluminum to be built in masonry work for base flashing as detailed and to CRCA FL series details. Provide slotted fixing holes and steel / plastic washer fasteners. Cover face and ends with plastic tape.

**2.6 SCUPPERS AND DOWNPIPES: Not Applicable**

- .1 Form scuppers and downpipes from 0.57mm thick prefinished aluminum to size / profile detail.

**2.7 FEATURE ALUMINUM STRIP [ LAMINATED ]: Not Applicable**

- .1 Laminated prefinished aluminum of minimum 0.91mm thickness to 19mm plywood.

**2.8 SOFFIT: Not Applicable**

- .1 Alcan: roll, formed, vented.

**2.9 FINISH AND COLOUR**

- .1 All exterior aluminum listed to colour designated by Contract Administrator.

**3.1 INSTALLATION**

- .1 Install sheet metal work as detailed.
- .2 Use concealed fastenings except where approved by Contract Administrator.
- .3 Counterflash bituminous flashings at intersections of roof with vertical surfaces and curbs. Flash joints using standing seams forming tight fit over hook strips, except where shown otherwise.
- .4 Lock end joints and caulk with sealant.
- .5 Turn top edge of flashing into recessed reglet or mortar joint minimum of 25mm. Lead wedge flashing securely into joint.
- .6 Caulk flashing at reglet and cap flashing with sealant.

**3.2 SCUPPERS AND DOWNPIPES**

- .1 Secure downpipes to wall with straps at 1800mm o.c.: minimum 2 straps per downpipe.
- .2 For rainware see 07311.

End: 07625