

**PART 1 GENERAL**

1.1 WORK INCLUDED

- .1 The work included under this section shall conform to the industry standard and be accepted by the local construction and trade associations.

**PART 2 PRODUCTS**

2.1 MATERIALS

- .1 Pre-coated Galvanized Steel: ASTM A525, Z275 zinc coating; 0.6 mm core steel, shop pre-coated with 5000 series coating, colour as selected by Architect.
- .2 Galvanized Steel: ASTM A525, Z275 zinc coating; 0.6 mm core steel.

2.2 COMPONENTS

- .1 Gutters: Rectangular profile 150 mm wide x 150 mm deep
- .2 Downspouts: Rectangular open face profile; 100 mm deep x 150 mm wide.
- .3 Splashpads: Precast concrete, 760 x 280 x 76 mm. See plan for locations but generally at bottom of each downspout.

2.3 ACCESSORIES

- .1 Anchorage Devices: Type recommended by fabricator.
- .2 Gutter Supports: Brackets or Straps, as is appropriate.
- .3 Downspout Supports: Straps.

2.4 FABRICATION

- .1 Form gutters and downspouts to profiles and sizes indicated.
- .2 Field measure site conditions prior to fabricating work.
- .3 Fabricate with required connection pieces.
- .4 Form sections square, true, and accurate in size, in maximum possible lengths and free of distortion or defects detrimental to appearance or performance.
- .5 Hem exposed edges of metal.
- .6 Seal metal joints.
- .7 Fabricate gutter and downspout accessories; seal watertight.

**PART 3 EXECUTION**

**3.1 INSPECTION**

- .1 Verify that surfaces are ready to receive work.
- .2 Beginning of installation means acceptance of existing conditions.

**3.2 INSTALLATION**

- .1 Join lengths with seams sealed watertight. Flash and seal gutters to downspouts and accessories.
- .2 Apply bituminous protective backing on surfaces in contact with dissimilar materials.
- .3 Slope gutters 5mm/m minimum.
- .4 Seal metal joints watertight for full metal surface contact.
- .5 Set splash pads under downspouts.