

1. GENERAL

1.1 Work Included

- .1 Base and drip flashings for around HVAC and electrical transformer curbs and pedestals.

1.2 Reference Standards

- .1 CRCA - "Canadian Roofing Contractors Association".
- .2 ASTM A525 - Sheet Steel, Zinc Coated, Galvanized by the Hot-Dip Process.
- .3 CGSB 37-GP-5M - "Sealing Compound, Rubber Asphalt".

1.3 Existing Conditions/Protection

- .1 Exercise care when working on or about roof surfaces to avoid damaging or puncturing membrane or flexible flashings.
- .2 Place plywood panels on roof surfaces to work of this section and on access routes. Keep in place until completion of work.

2. PRODUCTS

2.1 Sheet Metals

- .1 Galvanized steel: minimum 18 gauge core steel conforming to requirements of ASTM A525 G90 Galvanized Coating.

2.2 Accessory Materials and Components

- .1 Fasteners: concealed clip type, of same materials as flashings; sized to suit application.
- .2 Rubber-Asphalt Sealing Compound: conforming to requirements of CGSB 37-GP-5M.
- .3 Bituminous paint: acid and alkali resistant type; black colour.

2.3 Fabrication

- .1 Fabricate metal flashings in accordance with recommendations of CRCA and as indicated on drawings.
- .2 Form sections square, true, and accurate to size, free from distortion and other defects detrimental to appearance or performance.
- .3 Form sections in 2.4 meter lengths. Make allowances for expansion at joints.
- .4 All seams are to be flat lock type except corners. Fabricate corners minimum 460 mm, mitred, soldered or welded, and sealed as one piece.

- .5 Hem exposed edges of flashings on underside 13 mm.
- .6 Fabricate flashings to allow toe to extend minimum 50 mm horizontally over roofing and return break edge.
- .7 Backpaint flashing with bituminous paint where expected to be in contact with cementitious materials or dissimilar metals.

3. EXECUTION

3.1 Examination

- .1 Verify insulation and roofing membrane installation is completed for curbs and pedestals.
- .2 Verify membrane termination and base flashings are in place, sealed, and secure.
- .3 Beginning of installation means acceptance of existing conditions.

3.2 Preparation

- .1 Field measure site conditions prior to fabricating work.
- .2 Install starter and edge strips and cleats before starting installation.

3.3 Installation

- .1 Install flashings in accordance with CRCA recommendations and as indicated on Drawings.
- .2 Secure flashing in place using concealed type fasteners. Use exposed fasteners in locations accepted by Contract Administrator only. When using exposed fasteners, they are to be of the same finish as flashings.
- .3 Apply sealing compound at junction of metal flashings and asphalt felt flashings.
- .4 Lock seams and end joints. Fit flashing tight in place. Make corners square, surfaces true and straight in all planes and all lines accurate to profiles.
- .5 Counter-flash all mechanical and electrical items projecting through.
- .6 Install prefinished flashing to all locations indicated on Drawings.
- .7 Seal metal joints watertight.

END OF SECTION