1. Section 076200   
   Sheet Metal Flashing and Trim
   1. PART 1  GENERAL
      1. REFERENCE STANDARDS
         1. AAMA 2605 - Voluntary Specification, Performance Requirements and Test Procedures for Superior Performing Organic Coatings on Aluminum Extrusions and Panels (with Coil Coating Appendix); 2022.
         2. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 2023.
         3. CDA A4050 - Copper in Architecture - Handbook; current edition.
         4. SMACNA (ASMM) - Architectural Sheet Metal Manual; 2012.
      2. QUALITY ASSURANCE
         1. Perform work in accordance with SMACNA (ASMM) and CDA A4050 requirements and standard details, except as otherwise indicated.
   2. PART 2  PRODUCTS
      1. SHEET MATERIALS
         1. Pre-Finished Galvanized Steel:  ASTM A653/A653M, with G90/Z275 zinc coating; minimum 24-gauge, 0.0239-inch thick base metal, shop pre-coated with PVDF coating.
            1. Polyvinylidene Fluoride (PVDF) Coating:  Superior performing organic powder coating, AAMA 2605; multiple coat, thermally cured fluoropolymer finish system.
      2. FABRICATION
         1. Form sections true to shape, accurate in size, square, and free from distortion or defects.
         2. Form pieces in longest possible lengths.
         3. Hem exposed edges on underside 1/2 inch; miter and seam corners.
         4. Form material with flat lock seams, except where otherwise indicated; at moving joints, use sealed lapped, bayonet-type or interlocking hooked seams.
         5. Fabricate corners from one piece with minimum 18-inch long legs; seam for rigidity, seal with sealant.
         6. Fabricate flashings to allow toe to extend 2 inches over roofing gravel.  Return and brake edges.
      3. GUTTERS AND DOWNSPOUTS
         1. Gutters:  SMACNA (ASMM) Rectangular profile.
         2. Downspouts:  Rectangular profile.
         3. Accessories:  Profiled to suit gutters and downspouts.
            1. Anchorage Devices:  In accordance with SMACNA (ASMM) requirements.
            2. Gutter Supports:  Brackets.
            3. Downspout Supports:  Brackets.
         4. Downspout Boots:  Steel.
         5. Seal metal joints.
      4. Flashing
         1. Flashing Panels for Exterior Wall Penetrations:  Premanufactured components and accessories as required to preserve integrity of building envelope; suitable for conduits and facade materials to be installed.
   3. PART 3  EXECUTION
      1. INSTALLATION
         1. Secure flashings in place using concealed fasteners, and use exposed fasteners only where permitted..
         2. Apply plastic cement compound between metal flashings and felt flashings.
         3. Fit flashings tight in place; make corners square, surfaces true and straight in planes, and lines accurate to profiles.
         4. Seal metal joints watertight.
         5. Secure gutters and downspouts in place with concealed fasteners.
         6. Connect downspouts to downspout boots, and grout connection watertight.
2. END OF SECTION