SECTION 07 70 00

ROOF SPECIALTIES AND ACCESSORIES

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\*\* NOTE TO SPECIFIER \*\* SAF; roof specialties of gutter, cornices, copings and gravel stops.  
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This section is based on the products of SAF, which is located at:14100 Veterans Memorial Hwy.Villa Rica, GA 30180Toll Free Tel: 800-241-7429Fax: 770-942-4173Email: [request info (cmf@saf.com)](https://arcat.com/rfi?action=email&company=SAF&message=RE%253A%2520Spec%2520Question%2520(07700saf)%253A%2520&coid=42387&spec=07700saf&rep=&fax=770-942-4173)  
Web: <https://www.saf.com/perimeter-systems/>   
 [ [Click Here](https://arcat.com/company/saf-42387) ] for additional information.  
Perimeter Systems, a division of Southern Aluminum Finishing Company, Inc., designs and supplies a unique product line with their Designer Series Gutter and Cornice Systems for the commercial construction markets. They also provide architectural copings and versatile gravel stop fascias with their Press-Loc Series product line. Since 1946, Southern Aluminum Finishing has been in the aluminum finishing and fabrication business. Today, with facilities in Georgia, North Carolina and Tennessee, the company offers a broad range of products and services to customers in all aspects of the construction business.

1. GENERAL
   1. SECTION INCLUDES

\*\* NOTE TO SPECIFIER \*\* Delete items below not required for project.

* + 1. Roof specialties and accessories of the following types:
       1. Cornices.
       2. Mouldings.
       3. Designer Series commercial gutters.
       4. Industrial Series gutters.
       5. Drain ware.
       6. Parapet copings.
       7. Architectural gravel stops.
  1. RELATED SECTIONS

\*\* NOTE TO SPECIFIER \*\* Delete any sections below not relevant to this project; add others as required.

* + 1. Section 06 10 00 - Rough Carpentry.
    2. Section 07 61 00 - Sheet Metal Roofing.
  1. SUBMITTALS
     1. Submit under provisions of Section 01 30 00 - Administrative Requirements.
     2. Product Data: Submit manufacturer's detailed product data showing dimensions of individual components, profiles, and finishes, including:
        1. Preparation instructions and recommendations.
        2. Storage and handling requirements and recommendations.
        3. Installation methods.
     3. Shop Drawings: Fully dimensioned roof plans, reflective plan views, dimensioned framing requirements, sections and details of components and other related trims.

\*\* NOTE TO SPECIFIER \*\* Delete selection samples if colors have already been selected.

* + 1. Selection Samples: For each finish product specified, manufacturer's technical data for specified finish and color chart showing full range of colors available.
    2. Verification Samples: For each finish product specified, manufacturer's technical data for specified finish and two samples, minimum size 6 inches (150 mm) square, representing actual product, color, and patterns.
  1. QUALITY ASSURANCE
     1. Obtain all components and related accessories from one single source manufacturer.
     2. Where pre-engineered manufactured products are specified, other field fabricated or shop/field fabricated substitutions will not be accepted. However, where shop/field fabrications are indicated pre-engineered systems will be considered with Architect approval.

\*\* NOTE TO SPECIFIER \*\* Include a mock-up if the project size and/or quality warrant taking such a precaution. The following is one example of how a mock-up on a large project might be specified. When deciding on the extent of the mock-up, consider all the major different types of work on the project.

* + 1. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
       1. Finish areas designated by Architect.
       2. Do not proceed with remaining work until workmanship, color, and sheen are approved by Architect.
       3. Refinish mock-up area as required to produce acceptable work.
  1. DELIVERY, STORAGE, AND HANDLING
     1. Store products in manufacturer's unopened packaging until ready for installation.
     2. All products delivered shall be stored in a clean dry location prior to installation.
     3. Products furnished with strippable protective masking shall not be exposed to direct sunlight for more than 30 minutes without removing masking.
     4. Inspect material before installation. Do not install finished materials with scars or abrasions.
     5. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.
  2. PROJECT CONDITIONS
     1. Coordinate work of this Section with adjoining work for proper sequencing to ensure protection from inclimate weather and to protect materials and their finish against damage.
     2. Do not install cornice and decorative trims during inclimate weather. When installing in cold climates warm sealant to at least 50 degrees F (10 degrees C) prior to application.
  3. WARRANTY

\*\* NOTE TO SPECIFIER \*\* Consult manufacturer for warranty provisions and duration available for finish and wind warranty for product and application scheduled.

* + 1. Wind and Finish Warranty:

1. PRODUCTS
   1. MANUFACTURERS
      1. Acceptable Manufacturer: SAF, which is located at:14100 Veterans Memorial Hwy.Villa Rica, GA 30180Toll Free Tel: 800-241-7429Fax: 770-942-4173Email: [request info (cmf@saf.com)](https://arcat.com/rfi?action=email&company=SAF&message=RE%253A%2520Spec%2520Question%2520(07700saf)%253A%2520&coid=42387&spec=07700saf&rep=&fax=770-942-4173);Web: <https://www.saf.com/perimeter-systems/>

\*\* NOTE TO SPECIFIER \*\* Delete one of the following two paragraphs; coordinate with requirements of Division 1 section on product options and substitutions.

* + 1. Substitutions: Not permitted.
    2. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* 1. CORNICES
     1. Provide cornice system with decorative trims as manufactured by Perimeter Systems, a division of Southern Aluminum Finishing Company, Inc.

\*\* NOTE TO SPECIFIER \*\* Cornice Design 1 boasts a large entablature with a small depth -- features our Designer Series Roman Gutter System stepped with an additional Roman Moulding. A frieze and architrave finish its' lower portion. Optional components include flutes and engravings. Delete if not required.

* + - 1. Product: Cornice Design 1.
         1. Nominal Size - Classic: 36 inches (914 mm) Entablature by 16 inches (406 mm) Depth.
         2. Nominal Size - Contemporary: 18 inches (457 mm) Entablature by 18 inches (457 mm) Depth.

\*\* NOTE TO SPECIFIER \*\* Cornice Design 2 boasts a large entablature with a small depth-- generally does not incorporate a gutter system but can accommodate a built in gutter. Mouldings for this cornice include a crown moulding, large frieze moulding, and J-Trim moulding. Optional components include flutes, dentils, and engravings. Delete if not required.

* + - 1. Product: Cornice Design 2.
         1. Nominal Size - Classic: 34 inches (864 mm) Entablature by 15 inch (381 mm) Depth.
         2. Nominal Size - Contemporary: 15 inches (381 mm) Entablature by 15 inches (381 mm) Depth.

\*\* NOTE TO SPECIFIER \*\* This striking cornice features our Designer Series "Roman Profile" commercial gutter, 2 simple convex/concave mouldings, and a frieze. Optional components such as dentils, flutes, and engravings may be added. Delete if not required.

* + - 1. Product: Cornice Design 3.
         1. Nominal Size - Classic: 44 inches (1118 mm) Entablature by 21 inches (533 mm) Depth.
         2. Nominal Size - Contemporary: 24 inches (610 mm) Entablature by 21 inches (533 mm) Depth.

\*\* NOTE TO SPECIFIER \*\* This beautifully sculptured cornice contains 2 mouldings to create a Convex / Concave Reversa pattern, a frieze, optional vented or non-vented soffit and features our Designer Series commercial gutter. Optional components such as dentils, flutes, and engravings may be added. Delete if not required.

* + - 1. Product: Cornice Design 4.
         1. Nominal Size - Classic: 48 inches (1219 mm) Entablature by 24 inches (610 mm) Depth.

b.Nominal Size - Contemporary: 20 inches (508 mm) Entablature by 24 inches (610 mm) Depth.  
\*\* NOTE TO SPECIFIER \*\* Cornice Design 5 boasts a large entablature with a small depth -- features our Designer Series Roman Gutter System stepped with an additional Roman Moulding. Profiles are separated with 2 Frieze trims along with a continuous vented soffit. Optional components such as dentils, flutes, and engravings may be added. Delete if not required.

* + - 1. Product: Cornice Design 5.
         1. Nominal Size - Classic: 42 inches (1067 mm) Entablature by 20 inches (508 mm) Depth.
         2. Nominal Size - Contemporary: 28 inches (711 mm) Entablature by 20 inches (508 mm) Depth.

\*\* NOTE TO SPECIFIER \*\* This beautifully sculptured cornice contains 3 cavetto shape mouldings, a frieze, optional vented or non-vented soffit and features our Designer Series commercial gutter. Optional components such as dentils, flutes, and engravings may be added. Delete if not required.

* + - 1. Product: Cornice Design 6.
         1. Nominal Size - Classic: 31 inches (787 mm) Entablature by 33 inches (838 mm) Depth.
         2. Nominal Size - Contemporary: 24 inches (610 mm) Entablature by 33 inches (838 mm) Depth.

\*\* NOTE TO SPECIFIER \*\* Cornice Design 7 provides a small entablature with a large depth -- features a frieze, a double set of convex mouldings, optional vented or nonvented soffit and features our Designer Series Batten commercial gutter. Optional components such as dentils, flutes, and engravings may be added. Delete if not required.

* + - 1. Product: Cornice Design 7.
         1. Nominal Size - Classic: 25 inches (635 mm) Entablature by 26 inches (660 mm) Depth.
         2. Nominal Size - Contemporary: 18 inches (457 mm) Entablature by 26 inches (660 mm) Depth.

\*\* NOTE TO SPECIFIER \*\* Cornice Design 8 is a very popular profile using dual crown mouldings. These crown mouldings feature a small radius for their convex and concave profile. These small radius mouldings simulate wood trim more so than stone work. This cornice design also lends itself well to parapets and roofs where gutters are not required. With some creative use of additional mouldings dentils, flutes, and engravings may be added. Delete if not required.

* + - 1. Product: Cornice Design 8.
         1. Nominal Size - Classic: 18 inches (457 mm) minimum Entablature by 12 inches (305 mm) Depth.
         2. Nominal Size - Contemporary: 10 inches (254 mm) Entablature by 12 inches (305 mm) Depth.

\*\* NOTE TO SPECIFIER \*\* This striking cornice features our Designer Series "Roman Profile" commercial gutter, 2 simple convex/concave mouldings, a frieze, and architrave. Optional components such as dentils, flutes, and engravings may be added. Delete if not required.

* + - 1. Product: Cornice Design 9.
         1. Nominal Size - Classic: 32 inches (813 mm) Entablature by 26 inches (660 mm) Depth.
         2. Nominal Size - Contemporary: 24 inches (610 mm) Entablature by 16 inches (406 mm) Depth.

\*\* NOTE TO SPECIFIER \*\* Cornice Design 10 is a very popular profile for use with parapets as well roof eaves. This cornice design uses a large 3" convex moulding with a scrolled 1-1/2 inches (38 mm) moulding along with a frieze moulding. This cornice design also lends itself well to parapets and roofs where gutters are not required. With some creative use of additional mouldings dentils, flutes, and engravings may be added. Delete if not required.

* + - 1. Product: Cornice Design 10.
         1. Nominal Size - Classic: 24 inches (610 mm) Entablature by 15 inches (381 mm) Depth.
         2. Nominal Size - Contemporary: 15 inches (381 mm) Entablature by 15 inches (381 mm) Depth.

\*\* NOTE TO SPECIFIER \*\* Cornice Design 11 boasts a large entablature with a small depth -- features our Designer Series Roman Gutter System stepped with an additional Roman Moulding. Profiles are separated with 2 Frieze trims along with a continuous vented soffit. Optional components such as dentils, flutes, and engravings may be added. Delete if not required.

* + - 1. Product: Cornice Design 11.
         1. Nominal Size - Classic: 36 inches (914 mm) Entablature by 20 inches (508 mm) Depth.
         2. Nominal Size - Contemporary: 18 inches (457 mm) Entablature by 20 inches (508 mm) Depth.

\*\* NOTE TO SPECIFIER \*\* Cornice Design 12 offers simple mouldings to create a large entablature with a small depth -- featuring our Designer Series Roman Gutter System stepped with an compound curved LZ trim and finished with a large frieze trim. Optional components such as dentils, flutes, and engravings may be added. Delete if not required.

* + - 1. Product: Cornice Design 12.
         1. Nominal Size - Classic: 36 inches (914 mm) Entablature by 20 inches (508 mm) Depth.
         2. Nominal Size - Contemporary: 18 inches (457 mm) Entablature by 20 inches (508 mm) Depth.

\*\* NOTE TO SPECIFIER \*\* Cornice Design 14 originated for us from a project in the deep south. This simple 4 piece cornice design offers a large entablature by exposing a portion of the wall surface as well as a large depth. Moulding profiles include our crown moulding and dual convex concave mouldings. An LZ Trim is placed on the wall surface below the cornice giving it a striking effect. With a little creativity this cornice could include dentils. Gabled ends are finished with the cornice completely wrapping the structure. The rake cornice for gables utilize the cornice's main components simplifying installation. Delete if not required.

* + - 1. Product: Cornice Design 14.
         1. Nominal Size - Classic: 45 inches (1143 mm) Entablature by 24 inches (610 mm) Depth.
         2. Nominal Size - Contemporary: Not offered.

\*\* NOTE TO SPECIFIER \*\* Cornice Design 15 utilizes large scrolled dentils custom designed for the project shown in the photograph. The cornice boasts a large entablature with a small depth and features our Designer Series Colonial gutter that has been customized. Often, we are asked can we modify the fascia of our Designer Series commercial gutters and the answer (in most cases) is yes. Cornice Design 15 is an excellent example of such modifications. In lieu of the custom dentils our optional components include our standard dentils, flutes, and engravings. Delete if not required.

* + - 1. Product: Cornice Design 15.
         1. Nominal Size - Classic: 40 inches (1016 mm) Entablature by 18 inches (457 mm) Depth.
         2. Nominal Size - Contemporary: 18 inches (457 mm) Entablature by 18 inches (457 mm) Depth.

\*\* NOTE TO SPECIFIER \*\* Cornice Design 16 offers a large entablature with a variable depth to accommodate your soffit requirements. This simple design may be used without gutters or by increasing the fascia our Designer Series are easily applied. Profiles include large 3" convex and concave mouldings. Soffits may be solid, half vented, or full vented. Optional components include flutes and engravings. Delete if not required.

* + - 1. Product: Cornice Design 16.
         1. Nominal Size - Classic: 32 inches (813 mm) Entablature by 18 inches (457 mm) minimum (Variable Depth).
         2. Nominal Size - Contemporary: Not offered.

\*\* NOTE TO SPECIFIER \*\* Utilizing profiles from our Cornice Mouldings, Versa Cornice is a product developed to convert dull parapet copings into a visually exciting sculptured roof edge. Designed for both retrofit and new construction, Versa-Cornice attachment brackets fit all Perimeter Systems' coping caps and most other parapet caps or conditions. Delete if not required.

* + - 1. Product: Versa Cornice.
         1. Nominal Size - Classic: 36 inches (914 mm) Entablature by 16 inches (406 mm) Depth.
         2. Nominal Size - Contemporary: 18 inches (457 mm) Entablature by 18 inches (457 mm) Depth.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + - 1. Product: Versa Cornice VS-OCB-ICT.
         1. Nominal Size - Classic: 36 inches (914 mm) Entablature by 16 inches (406 mm) Depth.
         2. Nominal Size - Contemporary: 18 inches (457 mm) Entablature by 18 inches (457 mm) Depth.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + - 1. Product: Versa Cornice VS-ICB-OCT.
         1. Nominal Size - Classic: 36 inches (914 mm) Entablature by 16 inches (406 mm) Depth.
         2. Nominal Size - Contemporary: 18 inches (457 mm) Entablature by 18 inches (457 mm) Depth.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + - 1. Product: Versa Cornice VS-LZ1.
         1. Nominal Size - Classic: 36 inches (914 mm) Entablature by 16 inches (406 mm) Depth.
         2. Nominal Size - Contemporary: 18 inches (457 mm) Entablature by 18 inches (457 mm) Depth.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + - 1. Product: Versa Cornice VS-LZ2.
         1. Nominal Size - Classic: 36 inches (914 mm) Entablature by 16 inches (406 mm) Depth.
         2. Nominal Size - Contemporary: 18 inches (457 mm) Entablature by 18 inches (457 mm) Depth.
    1. Material: Decorative cornice profiles shall be manufactured from 0.040 inch (1.0 mm) aluminum, 10 feet (3048 mm) lengths.
    2. Fabrication:
       1. Profiles containing radius bends shall be press formed with radius dies on a CNC Press to provide repeated true and accurate profiles.
       2. Cornice trims shall be factory punched with elongated fastening holes.
       3. Decorative cornice splices shall be manufactured from 0.040 inch (1.0 mm) aluminum, 6 inches (152 mm) lengths, formed to fit the inside of the cornice profiles.
       4. Support brackets, attachments brackets and retainer brackets shall be manufactured from 0.125 inch (3 mm) by 1.0 inch (25 mm) extruded aluminum bar, helliarc welded construction (where necessary), factory punched for fasteners.
       5. Provide factory mitered corners, precision saw cut, helliarc tack welded to produce a picture frame joint.
    3. Trim:
       1. Mitered Corners: Provide factory mitered corners for all cornice profiles (excluding soffits). Cornice profiles shall be precision saw cut, helliarc tack welded to produce a picture frame joint.
       2. Sculptured End Caps: Provide factory mitered end caps for cornice. Cornice profiles shall be precision saw cut, heliarc tack welded to produce a picture frame joint.
       3. Cornice Returns: If shown on drawings, provide cornice returns at eaves and rake terminations in lengths as indicated on plans.
       4. Rake and Gable Trims: As shown on drawings, provide rake and gable trims in profiles as indicated complete with concealed splices, attachment brackets (if required).
    4. Finish:
       1. Apply coatings to exposed aluminum components after fabrication for maximum coating performance and to prevent crazing, abrasion, and damage to finished surfaces.
       2. Pretreatment: Aluminum components shall be pretreated with solutions to remove organic and inorganic surface soils, remove residual oxides, followed by a chrome phosphate conversion coating to which organic coatings will firmly adhere.
       3. Coating Type: High Performance Coating, two-coat, shop applied, 70% Polyvinylidene Fluoride (PVDF) coating based on Elf Atochem, Inc. Kynar 500 or Ausimont U.S.A., Inc. Hylar 5000 resin, meeting AAMA 2605 specification.

\*\* NOTE TO SPECIFIER \*\* Select from manufacturer's full range of 56 EZ Mix Colors.

* + - 1. Color: As selected by Architect from manufacturer's offered colors.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* 1. MOULDINGS
     1. Provide moulding as manufactured by Perimeter Systems, a division of Southern Aluminum Finishing Company, Inc.

\*\* NOTE TO SPECIFIER \*\* Delete moulding not required.

* + 1. Roman Mouldings:

Roman Moulding Profile, Style 1, is designed to align with the Roman Series Designer gutter system and has a closed top. This profile is used to continue the "gutter cornice" where no gutter is required.

* + - 1. Roman Mouldings Style 1.

Roman Moulding Profile, Style 2, designed for flat or rake roof edges. Its roof deck flange is fastened with 1-1/2 inches (38 mm) ring shank nails at 24 inches (610 mm) centers. Its lower hemmed edge hooks onto mounting brackets spaced at 24 inches (610 mm) centers.

* + - 1. Roman Mouldings Style 2.

Roman Moulding Profile, Style 3, designed for fascia mounting. Its upper edge is fastened with 1-1/2 inches (38 mm) ring shank nails at 24 inches (610 mm) centers. Its lower hemmed edge hooks onto mounting brackets spaced at 24 inches (610 mm) centers.

* + - 1. Roman Mouldings Style 3.

Roman Moulding Profile, Style 4, designed for soffit mounting. Its upper edge is fastened with 1-1/2 inches (38 mm) ring shank nails at 24 inches (610 mm) centers. Its lower hemmed edge hooks onto mounting brackets spaced at 24 inches (610 mm) centers.

* + - 1. Roman Mouldings Style 4.

Roman Moulding Profile, Style 5, designed for soffit mounting. Its upper edge may be fastened with 1-1/2 inches (38 mm) ring shank nails at 24 inches (610 mm) centers or it may be held in position with mating cornice mouldings such as a J-Cover. Its lower hemmed edge hooks onto mounting brackets spaced at 24 inches (610 mm) centers.

* + - 1. Roman Mouldings Style 5.

Roman Moulding Profile, Style 6, designed for soffit mounting. Its upper edge is fastened with 1-1/2 inches (38 mm) ring shank nails at 24 inches (610 mm) centers. This moulding comes with a notched edge to allow concealed fastening and to adjoin cornice members and it's lower hemmed edge hooks onto mounting brackets spaced at 24 inches (610 mm) centers.

* + - 1. Roman Mouldings Style 6.

\*\* NOTE TO SPECIFIER \*\* Delete moulding not required.

* + 1. Colonial Mouldings:

Colonial Moulding Profile, Style 1, is designed to align with the Colonial Series Designer gutter system and has a closed top. This profile is used to continue the "gutter cornice" where no gutter is required.

* + - 1. Colonial Mouldings Style 1.

Colonial Moulding Profile, Style 2, designed for flat or rake roof edges. Its roof deck flange is fastened with 1-1/2 inches (38 mm) ring shank nails at 24 inches (610 mm) centers. Its lower hemmed edge hooks onto mounting brackets spaced at 24 inches (610 mm) centers.

* + - 1. Colonial Mouldings Style 2.

Colonial Moulding Profile, Style 3, designed for fascia mounting. Its upper edge is fastened with 1-1/2 inches (38 mm) ring shank nails at 24 inches (610 mm) centers. Its lower hemmed edge hooks onto mounting brackets spaced at 24 inches (610 mm) centers.

* + - 1. Colonial Mouldings Style 3.

Colonial Moulding Profile, Style 4, designed for soffit mounting. Its upper edge is fastened with 1-1/2 inches (38 mm) ring shank nails at 24 inches (610 mm) centers. Its lower hemmed edge hooks onto mounting brackets spaced at 24 inches (610 mm) centers.

* + - 1. Colonial Mouldings Style 4.

Colonial Moulding Profile, Style 5, designed for soffit mounting. Its upper edge may be fastened with 1-1/2 inches (38 mm) ring shank nails at 24 inches (610 mm) centers or it may be held in position with mating cornice mouldings such as a J-Cover. Its lower hemmed edge hooks onto mounting brackets spaced at 24 inches (610 mm) centers.

* + - 1. Colonial Mouldings Style 5.

Colonial Moulding Profile, Style 6, designed for soffit mounting. Its upper edge is fastened with 1-1/2 inches (38 mm) ring shank nails at 24 inches (610 mm) centers. This moulding comes with a notched edge to allow concealed fastening and to adjoin cornice members and it's lower hemmed edge hooks onto mounting brackets spaced at 24 inches (610 mm) centers.  
\*\* NOTE TO SPECIFIER \*\* Delete moulding not required.

* + 1. Crown Mouldings

Style 1 Cornice Crown is designed for fascia mounting. It's lower edge accommodates soffits, other mouldings, or the soffit lip may be eliminated for a closed fit.

* + - 1. Crown Mouldings Style 1.

Style 2 Cornice Crown is designed for soffit mounting. It is designed as an intermediate moulding to accommodates soffits, or other mouldings. This cornice moulding is used in our Cornice Design #8.

* + - 1. Crown Mouldings Style 2.

Style 3 Cornice Crown is designed for fascia mounting. It's lower edge accommodates soffits or other mouldings. The soffit leg may be hemmed and hooked onto brackets for a stand-alone moulding. See Cornice Design #14.

* + - 1. Crown Mouldings Style 3.

Style 4 Cornice Crown is designed for soffit mounting. As with Style 3, the soffit leg may be hemmed and hooked onto brackets for a stand-alone moulding.

* + - 1. Crown Mouldings Style 4.

Style 5 Cornice Crown is designed for eave and fascia mounting. It's lower edge accommodates soffits or other mouldings. The soffit leg may be hemmed and hooked onto brackets for a stand-alone moulding. See Cornice Design #1.

* + - 1. Crown Mouldings Style 5.

Style 6 Cornice Crown is designed for fascia mounting. It's lower edge accommodates soffits or other mouldings. It is commonly used as a termination or stand-alone moulding. See Cornice Design #8.

* + - 1. Crown Mouldings Style 6.

Style 7 Cornice Crown is designed for soffit mounting. This cornice moulding is used in our Cornice Design #8.

* + - 1. Crown Mouldings Style 7.

\*\* NOTE TO SPECIFIER \*\* Delete moulding not required.

* + 1. Convex and Concave Mouldings: Provide shapes and profiles as indicated or scheduled on the drawings.
       1. Style 1: Concave and Convex mouldings are receivers for style 4. These mouldings are designed to connect with frieze trims.
       2. Style 2: Concave and Convex mouldings are receivers for style 4. These mouldings are designed to connect with soffits.
       3. Style 3: Concave and Convex mouldings are receivers for style 4. These mouldings are to adjoin with other trims by using a cornice bracket.
       4. Style 4: Concave and Convex mouldings are designed to interlock with styles 1, 2, and 3.
       5. Style 5: Concave and Convex mouldings are designed to connect with soffits.
       6. Style 6: Concave and Convex mouldings are to adjoin with other trims by using a cornice bracket

\*\* NOTE TO SPECIFIER \*\* Delete moulding not required.

* + 1. LZ Mouldings: Provide shapes and profiles as indicated or scheduled on the drawings.
       1. Style 1: LZ mouldings are receivers for style 4. These mouldings are designed to connect with frieze trims.
       2. Style 2: LZ mouldings are receivers for style 4. These mouldings are designed to connect with soffits.
       3. Style 3: LZ mouldings are receivers for style 4. These mouldings are to adjoin with other trims by using a cornice bracket.
       4. Style 4: LZ mouldings are designed to interlock with styles 1, 2, and 3.
       5. Style 5: LZ mouldings are designed to connect with soffits.
       6. Style 6: LZ mouldings are to adjoin with other trims by using a cornice bracket.

\*\* NOTE TO SPECIFIER \*\* Perimeter Systems' Cornice Frieze and Architrave Mouldings feature several configurations to create impressive and striking cornice features. These mouldings are used as the base to your cornice design. Since the moulding are large it is advisable to design a solid backing behind them. Plywood or proprietary nailable sheathing is commonly used. Frieze mouldings are commonly adorned with flutes, dentils and engravings. Dentils require the frieze moulding to be designed with an inset. Delete if not required.

* + 1. Frieze and Architrave Mouldings: Provide shapes and profiles as indicated or scheduled on the drawings.

\*\* NOTE TO SPECIFIER \*\* The following styles are available (please note Batten Trims are cleat mounted).

* + - 1. Style A frieze mouldings are designed for a simple fit over wood framing.
      2. Style B frieze mouldings are designed to finish and join soffits.
      3. Style C frieze mouldings are designed to join soffits at the upper edge.
      4. Style D frieze mouldings offers a decorative edge for a soffit. The lower edge of this profile is presented with a batten profile but edges from style A and B are available.
    1. Finish:
       1. Apply coatings to exposed aluminum components after fabrication for maximum coating performance and to prevent crazing, abrasion, and damage to finished surfaces.
       2. Pretreatment: Aluminum components shall be pretreated with solutions to remove organic and inorganic surface soils, remove residual oxides, followed by a chrome phosphate conversion coating to which organic coatings will firmly adhere.
       3. Coating Type: High Performance Coating, two-coat, shop applied, 70% Polyvinylidene Fluoride (PVDF) coating based on Elf Atochem, Inc. Kynar 500 or Ausimont U.S.A., Inc. Hylar 5000 resin, meeting AAMA 2605 specification.

\*\* NOTE TO SPECIFIER \*\* Select from manufacturer's full range of 56 EZ Mix Colors.

* + - 1. Color: As selected by Architect from manufacturer's offered colors.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* 1. DESIGNER SERIES COMMERCIAL GUTTERS

\*\* NOTE TO SPECIFIER \*\* Delete profile not required.

* + 1. Roman Profile - DSR Series as manufactured by Perimeter Systems, a division of Southern Aluminum Finishing Company, Inc.
    2. Colonial Profile - DSC Series as manufactured by Perimeter Systems, a division of Southern Aluminum Finishing Company, Inc.
    3. Batten Profile - DSB Series as manufactured by Perimeter Systems, a division of Southern Aluminum Finishing Company, Inc.
    4. Contemporary Profile - DSCT Series as manufactured by Perimeter Systems, a division of Southern Aluminum Finishing Company, Inc.

\*\* NOTE TO SPECIFIER \*\* Delete size/configuration not required.

* + - 1. Size/Configuration: 6 inch (152 mm).
      2. Size/Configuration: 8 inch (203 mm).
      3. Size/Configuration: Type 1 Concealed Drain.
      4. Size/Configuration: Type 2 Concealed Drain.

\*\* NOTE TO SPECIFIER \*\* Delete material not required.

* + - 1. Material: 0.040 inch (1.0 mm) Aluminum.
      2. Material: 0.050 inch (1.3 mm) Aluminum.
      3. Material: 0.063 inch (1.6 mm) Aluminum.
      4. Material: 0.080 inch (2.0 mm) Aluminum.
      5. Material: 0.090 inch (2.3 mm) Aluminum.
      6. Material: 16 OZ Copper.

\*\* NOTE TO SPECIFIER \*\* Delete finish not required.

* + - 1. Finish: EZ Mix Kynar.
      2. Finish: Custom Kynar.
      3. Finish: Clear Anodized.
      4. Finish: Integral Color Anodized.
      5. Finish: Mill Finish.

\*\* NOTE TO SPECIFIER \*\* Internal drain for type 1 and type 2 internal drain only. Delete if not required.

* + 1. Drain Receiver and Nozzle:
       1. 2 inches (52 mm) drain outlet.
       2. 3 inches (76 mm) drain outlet.
       3. 4 inches (102 mm) drain outlet.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + 1. Leaf Guard Screen: Manufacturer' standard components.
    2. Fabrication:
       1. Concealed Gutter Liner shall be manufactured from 0.040 inch (1.0 mm) mill finished aluminum in 10 feet (3048 mm) lengths. Liner shall be:
          1. Factory notched to receive brackets and straps.
          2. Manufactured with 1 inch (25 mm) telescoping and notched end laps.
          3. Factory punched with fastening holes elongated to allow for thermal movement.
       2. Support Bracket and retainer stem shall be manufactured from 0.125 inch (3 mm) by 1.0 inch (25 mm) extruded aluminum bar, heliarc welded construction, factory punched for fasteners.
       3. Interior Straps shall be manufactured from 0.125 inch (3 mm) by 1.0 inch (25 mm) extruded aluminum.
       4. Snap-on fascia shall be manufactured from aluminum, 10 feet (3048 mm) lengths. Fascia shall be press formed with radius dies on a CNC Press to provide repeated true and accurate profiles.
       5. Fascia splices shall be manufactured from 0.040 inch (1.0 mm) aluminum, 6 inches (152 mm) lengths, formed to fit the inside of the snap-on fascia.
       6. Corners shall be factory mitered corners for both fascia and liner. Fascia profiles shall be precision saw cut, heliarc tack welded to produce a picture frame joint. Concealed liner miter shall be precision saw cut with a continuous heliarc weld watertight joint.
       7. Sculptured end caps shall be factory mitered end caps for fascias. Fascia profiles shall be precision saw cut, heliarc tack welded to produce a picture frame joint.
       8. Cornice returns, if shown on drawings, shall be provided at gutter terminations in lengths as indicated on plans.
       9. Liner end caps shall be provided of mill finished aluminum at all fascia end caps and wall abutments.
       10. Liner expansion Joint, provide manufacturer's elastomeric expansion joints at 40 feet (12 m) intervals or as shown on shop drawings.

\*\* NOTE TO SPECIFIER \*\* Installed throughout the United States, these commercial gutters are designed to withstand snow and ice conditions and have an unblemished record of durability for over 20 years. Delete if not required.

* 1. INDUSTRIAL SERIES GUTTERS

\*\* NOTE TO SPECIFIER \*\* Delete profile not required.

* + 1. G1 Profile as manufactured by Perimeter Systems, a division of Southern Aluminum Finishing Company, Inc.
    2. G2 Profile as manufactured by Perimeter Systems, a division of Southern Aluminum Finishing Company, Inc.
    3. G4 Profile as manufactured by Perimeter Systems, a division of Southern Aluminum Finishing Company, Inc.
    4. G5 Profile as manufactured by Perimeter Systems, a division of Southern Aluminum Finishing Company, Inc.

\*\* NOTE TO SPECIFIER \*\* Delete size/configuration not required.

* + - 1. Size/Configuration: 6 inch (152 mm).
      2. Size/Configuration: 8 inch (203 mm).
      3. Size/Configuration: 9 inches (229 mm).
      4. Size/Configuration: 12 inches (305 mm).

\*\* NOTE TO SPECIFIER \*\* Delete material not required.

* + - 1. Material: 0.040 inch (1.0 mm) Aluminum.
      2. Material: 0.050 inch (1.3 mm) Aluminum.
      3. Material: 0.063 inch (1.6 mm) Aluminum.
      4. Material: 0.080 inch (2.0 mm) Aluminum.
      5. Material: 0.090 inch (2.3 mm) Aluminum.

\*\* NOTE TO SPECIFIER \*\* Delete finish not required.

* + - 1. Finish: EZ Mix Kynar.
      2. Finish: Custom Kynar.
      3. Finish: Clear Anodized.
      4. Finish: Integral Color Anodized.
      5. Finish: Mill Finish.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + 1. Leaf Guard Screen: Manufacturer' standard components.
    2. Fabrication:
       1. Concealed Gutter Liner shall be manufactured from 0.040 inch (1.0 mm) mill finished aluminum in 10 feet (3048 mm) lengths. Liner shall be:
          1. Factory notched to receive brackets and straps.
          2. Manufactured with 1 inch (25 mm) telescoping and notched end laps.
          3. Factory punched with fastening holes elongated to allow for thermal movement.
       2. Support Bracket and retainer stem shall be manufactured from 0.125 inch (3 mm) by 1.0 inch (25 mm) extruded aluminum bar, heliarc welded construction, factory punched for fasteners.
       3. Interior Straps shall be manufactured from 0.125 inch (3 mm) by 1.0 inch (25 mm) extruded aluminum.
       4. Snap-on fascia shall be manufactured from aluminum, 10 feet (3048 mm) lengths. Fascia shall be press formed with radius dies on a CNC Press to provide repeated true and accurate profiles.
       5. Fascia splices shall be manufactured from 0.040 inch (1.0 mm) aluminum, 6 inches (152 mm) lengths, formed to fit the inside of the snap-on fascia.
       6. Corners shall be factory mitered corners for both fascia and liner. Fascia profiles shall be precision saw cut, heliarc tack welded to produce a picture frame joint. Concealed liner miter shall be precision saw cut with a continuous heliarc weld watertight joint.
       7. Sculptured end caps shall be factory mitered end caps for fascias. Fascia profiles shall be precision saw cut, heliarc tack welded to produce a picture frame joint.
       8. Cornice returns, if shown on drawings, shall be provided at gutter terminations in lengths as indicated on plans.
       9. Liner end caps shall be provided of mill finished aluminum at all fascia end caps and wall abutments.
       10. Liner expansion Joint, provide manufacturer's elastomeric expansion joints at 40 feet (12 m) intervals or as shown on shop drawings.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* 1. DRAIN WARE
     1. Provide downspouts as manufactured by Perimeter Systems, a division of Southern Aluminum Finishing Company, Inc.
     2. Downspouts: Finish to match gutters unless noted otherwise.
     3. Provide downspout in sizes and locations as indicated on plans. Downspouts shall be manufactured from aluminum, finished to match gutter fascia. Downspout elbows shall have heliarc welded joints.

\*\* NOTE TO SPECIFIER \*\* Drains are available in 3 inches (76 mm) and 4 inches (102 mm) formed round, and 3 inches by 4 inches (76 mm by 102 mm) and 4 inches by 4 inches (102 mm by 102 mm) formed rectangular only. Consult manufacturer for material thickness available. Delete style not required.

* + 1. Style: Rectangular Formed - Closed Face.
    2. Style: Rectangular Formed - Open Face. Back plate is omitted, edges hemmed and finish applied to inside surface of downspout.

\*\* NOTE TO SPECIFIER \*\* Delete size/configuration not required.

* + - 1. Size/Configuration: 3 inches by 4 inches (76 mm by 102 mm) rectangular.
      2. Size/Configuration: 4 inches by 4 inches (102 mm by 102 mm) rectangular.
      3. Size/Configuration: 4 inches by 5 inches (102 mm by 127 mm) rectangular.
      4. Size/Configuration: 4 inches by 6 inches (102 mm by 152 mm) rectangular.
      5. Size/Configuration: 5 inches by 5 inches (127 mm by 127 mm) rectangular.
      6. Size/Configuration: 5 inches by 6 inches (127 mm by 152 mm) rectangular.
      7. Size/Configuration: 6 inches by 6 inches (1152 mm by 152 mm) rectangular.

\*\* NOTE TO SPECIFIER \*\* Delete material not required.

* + - 1. Material: 0.040 inch (1.0 mm) Aluminum.
      2. Material: 0.050 inch (1.3 mm) Aluminum.
      3. Material: 0.063 inch (1.6 mm) Aluminum.
      4. Material: 0.080 inch (2.0 mm) Aluminum.
      5. Material: 0.090 inch (2.3 mm) Aluminum.
      6. Material: 0.090 inch (2.3 mm) Aluminum.
      7. Material: 0.125 inch (3.2 mm) Aluminum.
      8. Material: 16 OZ Copper.

\*\* NOTE TO SPECIFIER \*\* Delete finish not required.

* + - 1. Finish: EZ Mix Kynar.
      2. Finish: Custom Kynar.
      3. Finish: Clear Anodized.
      4. Finish: Integral Color Anodized.
      5. Finish: Mill Finish.
    1. Style: Rectangular Extruded.

\*\* NOTE TO SPECIFIER \*\* Delete size/configuration not required.

* + - 1. Size/Configuration: 3 inches by 4 inches (76 mm by 102 mm) rectangular.
      2. Size/Configuration: 4 inches by 4 inches (102 mm by 102 mm) rectangular.
      3. Size/Configuration: 4 inches by 5 inches (102 mm by 127 mm) rectangular.
      4. Size/Configuration: 4 inches by 6 inches (102 mm by 152 mm) rectangular.
      5. Size/Configuration: 5 inches by 5 inches (127 mm by 127 mm) rectangular.
      6. Size/Configuration: 5 inches by 6 inches (127 mm by 152 mm) rectangular.
      7. Size/Configuration: 6 inches by 6 inches (1152 mm by 152 mm) rectangular.

\*\* NOTE TO SPECIFIER \*\* Delete material not required.

* + - 1. Material: 0.187 inch (4.7 mm) Aluminum.
      2. Material: 0.125 inch (3.2 mm) Aluminum.

\*\* NOTE TO SPECIFIER \*\* Delete finish not required.

* + - 1. Finish: EZ Mix Kynar.
      2. Finish: Custom Kynar.
      3. Finish: Clear Anodized.
      4. Finish: Integral Color Anodized.
      5. Finish: Mill Finish.
    1. Style: Round Formed.

\*\* NOTE TO SPECIFIER \*\* Delete size/configuration not required.

* + - 1. Size/Configuration: 3 inches (76 mm) Round.
      2. Size/Configuration: 4 inches (102 mm) Round.
      3. Size/Configuration: 5 inches (127 mm) Round.
      4. Size/Configuration: 6 inches (152 mm) Round.

\*\* NOTE TO SPECIFIER \*\* Delete material not required.

* + - 1. Material: 0.134 inch (3.4 mm) Aluminum.
      2. Material: 0.120 inch (3.0 mm) Aluminum.

\*\* NOTE TO SPECIFIER \*\* Delete finish not required.

* + - 1. Finish: EZ Mix Kynar.
      2. Finish: Custom Kynar.
      3. Finish: Clear Anodized.
      4. Finish: Integral Color Anodized.
    1. Style: Round Extruded.

\*\* NOTE TO SPECIFIER \*\* Delete size/configuration not required.

* + - 1. Size/Configuration: 3 inches (76 mm) Round.
      2. Size/Configuration: 4 inches (102 mm) Round.
      3. Size/Configuration: 5 inches (127 mm) Round.
      4. Size/Configuration: 6 inches (152 mm) Round.

\*\* NOTE TO SPECIFIER \*\* Delete material not required.

* + - 1. Material: 0.134 inch (3.4 mm) Aluminum.
      2. Material: 0.120 inch (3.0 mm) Aluminum.

\*\* NOTE TO SPECIFIER \*\* Delete finish not required.

* + - 1. Finish: EZ Mix Kynar.
      2. Finish: Custom Kynar.
      3. Finish: Clear Anodized.
      4. Finish: Integral Color Anodized.
    1. Hardware: Finish to match gutters unless noted otherwise.
       1. Outlets: At downspout locations provide aluminum outlets to connect liner to downspout.
       2. Wall Brackets: Provide brackets at 60 inches (1524 mm) maximum spacing (minimum 2 brackets). Brackets shall be manufactured from 0.125 inch (3 mm) by 1.0 inch (25 mm) extruded aluminum bar, finished to match downspout.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* 1. PARAPET COPINGS
     1. Provide parapet coping system with decorative trims as manufactured by Perimeter Systems, a division of Southern Aluminum Finishing Company, Inc.
        1. Product: Press-Loc Architectural Copings.

\*\* NOTE TO SPECIFIER \*\* Delete size not required.

* + - 1. Size: 4 inches (102 mm) exposed face in width as indicated or required.
      2. Size: 6 inches (152 mm) exposed face in width as indicated or required.

\*\* NOTE TO SPECIFIER \*\* Delete material not required.

* + - 1. Material: 0.040 inch (1.0 mm) Aluminum.
      2. Material: 0.050 inch (1.3 mm) Aluminum.
      3. Material: 0.063 inch (1.6 mm) Aluminum.
      4. Material: 0.080 inch (2.0 mm) Aluminum.
      5. Material: 0.090 inch (2.3 mm) Aluminum.

\*\* NOTE TO SPECIFIER \*\* Delete finish not required.

* + - 1. Finish: EZ Mix Kynar.
      2. Finish: Custom Kynar.
      3. Finish: Clear Anodized.
      4. Finish: Integral Color Anodized.
      5. Finish: Mill Finish.
      6. Parapet copings shall be manufactured from aluminum, 10 feet (3048 mm) lengths. Coping shall be formed with a 1/2 inch (13 mm) wash slope to divert water to roof side of parapet.
      7. Coping joints shall consist of a 6 inches (152 mm) wide concealed splice plate manufactured from 0.050 inch (1.27 mm) aluminum. Splice plate shall be formed to fit inside the coping and containing a stiffening bend to keep splice from flexing. Gasket strips, field applied to full width and both sides of concealed gutter splice plate.
      8. Compression cleats shall be manufactured from 20 gauge (1.0 mm) galvanized steel, installed at 30 inches (762 mm) centers and at all joint locations with factory mounted stainless steel spring clips.
      9. Elastomeric roof membrane extends over parapet plate and face fastened - Refer to Section 07 61 00 - Sheet Metal Roofing.

\*\* NOTE TO SPECIFIER \*\* These pre-engineered architectural gravel stops are the most universal products available in the industry. Designed to accommodate the most rigid performance criteria of today's advanced low slope roofing systems, architects can specify Perimeter Systems with confidence. Delete if not required.

* 1. ARCHITECTURAL GRAVEL STOPS
     1. Provide gravel stops as manufactured by Perimeter Systems, a division of Southern Aluminum Finishing Company, Inc.

\*\* NOTE TO SPECIFIER \*\* Requires no wood cant support. Delete if not required.

* + 1. Product: Press-Loc.

\*\* NOTE TO SPECIFIER \*\* Delete size not required.

* + - 1. Custom size: Refer to drawings.
      2. Pre-engineered Size: 4.5 inches (114 mm).
      3. Pre-engineered Size: 6 inches (152 mm).
      4. Pre-engineered Size: 8 inches (203 mm).
      5. Fabrication:
         1. Fascia up to 12 inches (305 mm), over 12 inches (305 mm) provide extenders.
         2. Gravel dam up to 3 inches (76 mm).
         3. 4 inches (102 mm) roof leg factory punched for fasteners.
         4. Continuous cleat required.
         5. 3/4 inch (19 mm) hemmed drip edge for stiffness and to engage cleats.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + - * 1. Brick Ledge: Width as indicated or required.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + - * 1. Extender: Length as indicated or required. Material and finish to match gravel stop.

\*\* NOTE TO SPECIFIER \*\* Requires wood cant support. Delete if not required.

* + 1. Product: Formed on piece gravel stop with continuous cleat. Refer to drawings for dimensions and profile.
       1. Requires wood blocking. Refer to Section 06 10 00 - Rough Carpentry.
       2. Fabrication:
          1. Fascia up to 12 inches (305 mm), over 12 inches (305 mm) provide extenders.
          2. Gravel dam up to 3 inches (76 mm).
          3. 4 inches (102 mm) roof leg factory punched for fasteners.
          4. Continuous cleat required.
          5. 3/4 inch (19 mm) hemmed drip edge for stiffness and to engage cleats.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + - * 1. Brick Ledge: Width as indicated or required.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + - * 1. Extender: Length as indicated or required. Material and finish to match gravel stop.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + 1. Product: Flow-Thru.
       1. Perforated face; hole pattern is 3/16 inch (5 mm) holes at 1/4 inch (6 mm) staggered centers allowing a 50 percent open area. Face is factory notched on one end for a 4 inches (102 mm) lap joint.
       2. Roof leg is factory punched for fasteners.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + - * 1. Brick Ledge: Width as indicated or required.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + - * 1. Extender: Length as indicated or required. Material and finish to match gravel stop.
    1. Material/Finish:

\*\* NOTE TO SPECIFIER \*\* Delete material not required.

* + - 1. Material: 0.040 inch (1.0 mm) Aluminum.
      2. Material: 0.050 inch (1.3 mm) Aluminum.
      3. Material: 0.063 inch (1.6 mm) Aluminum.
      4. Material: 0.080 inch (2.0 mm) Aluminum.
      5. Material: 0.090 inch (2.3 mm) Aluminum.

\*\* NOTE TO SPECIFIER \*\* Delete finish not required.

* + - 1. Finish: EZ Mix Kynar.
      2. Finish: Custom Kynar.
      3. Finish: Clear Anodized.
      4. Finish: Integral Color Anodized.
      5. Finish: Mill Finish.

1. EXECUTION
   1. EXAMINATION
      1. Do not begin installation until substrates have been properly prepared.
      2. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
   2. PREPARATION
      1. Clean surfaces thoroughly prior to installation.
      2. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for project conditions.
      3. The installer shall examine substrates and conditions under which cornice and decorative profiles will be installed. All wood plates and/or fascia boards shall be installed true, straight, and free of splits, cracks, or other irregularities. Do not proceed with installation until unsatisfactory conditions are corrected.
      4. The installer shall field verify that framing has been built in accordance with the dimensions furnished by the cornice manufacturer either by shop drawings or published literature. Do not proceed with installation until unsatisfactory conditions are corrected.
   3. INSTALLATION
      1. Install units in accordance with manufacturer's instructions and approved submittals.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* 1. CORNICE INSTALLATION
     1. Follow manufacturer's guidelines and shop drawings for installing pre-designed cornice and decorative trims. If cornice or trims join a roof system then follow primary roofing manufacturer's printed instructions for installing associated roof material for flashing decorative trims to roof.
     2. The pre-designed cornice and decorative trims shall be installed in strict accordance with manufacturer's printed instructions and shop drawings.
     3. Fastening: Cornice trims shall be nailed through elongated holes with 1-1/2 inches (38 mm) stainless steel nails. Support brackets, retaining brackets and attachment brackets shall be installed with #10 by 2 inches (52 mm) stainless steel wood screws at locations and spacing as shown on shop drawings.
     4. Install cornice profiles and decorative trims with concealed splice plates over brackets and/or framing substrates as shown on shop drawings. In accordance with shop drawings;
        1. Coordinate and align spacing of expansion reveal joints with associated trims (stack joints).
        2. Plan spacing of joints so there is no sections of fascia shorter than 48 inches (1219 mm) in length.
        3. Check horizontal alignment of fascia during installation and adjust as required.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* 1. COPING INSTALLATION
     1. General: Parapet coping shall be installed in strict accordance with manufacturer's printed instructions and shop drawings.
     2. Fastening: Coping shall be snapped onto compression cleats spaced according to manufacturer's instructions. A cleat shall be located at the coping's splice joint and in the middle of each coping section. Cleat shall be fastened with (4) #10 by 1-1/2 inches (38 mm) stainless steel wood screw.
     3. Install splice plates at all coping joints. Splice plate shall be sealed with a non-hardening, low modulus, sealant as recommended by coping manufacturer.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* 1. GUTTER INSTALLATION
     1. Support Brackets: Layout support brackets to provide 1/2 inch (13 mm) slope in 40 linear feet (12 m). Install support brackets with #10 by 2 inches (52 mm) stainless steel wood screws.
     2. Liner: Install concealed gutter liner onto support brackets and fasten to substrates with 1-1/2 inches (38 mm) aluminum or stainless steel nails. Rivet and seal liner joints with high grade exterior sealant as recommended by gutter manufacturer.
     3. Expansion Joints: Install elastomeric expansion joints as shown on plans and/or shop drawings. Maximum expansion joint spacing shall be 40 feet (12 m) centers.
     4. Locate and install downspouts before proceeding with fascia installation.
     5. Install interior straps by fully engaging them into liner and fascia, complete by securely riveting.

\*\* NOTE TO SPECIFIER \*\* Gutter systems only. Delete if not required.

* + 1. Install fascia with concealed splice plates over support brackets and liner. Coordinate and align spacing of joints with associated trims if applicable. Plan spacing of joints so there are no sections of fascia shorter than 48 inches (1219 mm) in length. Check horizontal alignment of fascia during installation and adjust as required. At downspout locations, neatly cut fascia to accommodate downspout.
  1. PROTECTION
     1. Protect installed products until completion of project.
     2. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION