SECTION 07720

ROOF ACCESSORIES

Display hidden notes to specifier. (Don't know how? [Click Here](http://www.arcat.com/sd/display_hidden_notes.shtml))

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\*\* NOTE TO SPECIFIER \*\* Quality Edge; steel siding, roofing and accessories.  
This section is based on the products of Quality Edge, which is located at:  
2712 Walkent Dr.  
Walker, MI 49544  
Toll Free Tel: 888-784-0878  
Tel: 616-735-3833  
Fax: 616-735-3844  
Email: [request info ()](http://admin.arcat.com/users.pl?action=UserEmail&company=Quality+Edge&coid=44368&rep=&fax=616-735-3844&message=RE:%20Spec%20Question%20(07720que):%20%20&mf=)  
Web: [www.quality-edge.com](http://www.quality-edge.com)   
 [ [Click Here](http://www.arcat.com/arcatcos/cos44/arc44368.html) ] for additional information.  
Are you looking for stronger materials? A perfect color match? A way to turn your rough sketch into your ultimate solution? Whether it's customizing an existing product or creating something new, Quality Edge is here to listen and ready to respond with innovation, design, execution and service beyond all expectations. This includes shorter lead times, faster turnaround, and multiple products in a single drop shipment. We are a loyal partner to one- and two-step distribution channels, providing exceptional, industry leading products and customer service as we put our products and your ideas into practice for quality solutions that truly give you the edge.

1. GENERAL
   1. SECTION INCLUDES

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

* + 1. Roof accessories of the following types:
       1. Drip edge.
       2. Valley metal.
       3. Flashing.
       4. Ridge vents.
       5. Soffits.
       6. Fascia.
       7. Gutters and downspouts.
       8. Gutters protection.
  1. RELATED SECTIONS

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

* + 1. Section 06100 - Rough Carpentry: Roof framing and sheathing.
  1. REFERENCES

\*\* NOTE TO SPECIFIER \*\* Delete references from the list below that are not actually required by the text of the edited section.

* 1. SUBMITTALS
     1. Submit under provisions of Section 01300.
     2. Product Data: Manufacturer's data sheets on each product to be used, including:
        1. Preparation instructions and recommendations.
        2. Storage and handling requirements and recommendations.
        3. Installation methods.

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

* + 1. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
    2. Verification Samples: For each finish product specified, two samples, minimum size 6 inches (150 mm) square representing actual product, color, and patterns.
  1. QUALITY ASSURANCE
     1. Manufacturer Qualifications: Minimum 5 year experience manufacturing similar products.
     2. Installer Qualifications: Minimum 2 year experience installing similar products.

\*\* 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 is approved by Architect.
       3. Refinish mock-up area as required to produce acceptable work.
  1. PRE-INSTALLATION MEETINGS
     1. Convene minimum two weeks prior to starting work of this section.
  2. DELIVERY, STORAGE, AND HANDLING
     1. Deliver and store products in manufacturer's unopened packaging bearing the brand name and manufacturer's identification until ready for installation.
     2. Handling: Handle materials to avoid damage.
  3. PROJECT CONDITIONS
     1. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.
  4. SEQUENCING
     1. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.

1. PRODUCTS
   1. MANUFACTURERS
      1. Acceptable Manufacturer: Quality Edge, which is located at: 2712 Walkent Dr.; Walker, MI 49544; Toll Free Tel: 888-784-0878; Tel: 616-735-3833; Fax: 616-735-3844; Email: [request info ()](http://admin.arcat.com/users.pl?action=UserEmail&company=Quality+Edge&coid=44368&rep=&fax=616-735-3844&message=RE:%20Spec%20Question%20(07720que):%20%20&mf=); Web: [www.quality-edge.com](http://www.quality-edge.com)

\*\* 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 01600.

\*\* NOTE TO SPECIFIER \*\* Drip Edge is crucial because it sheds water away from the roof edge. In addition, it flashes the natural point of separation where the roof deck, fascia and the truss meet. Delete if not required.

* 1. DRIP EDGE
     1. Product: Drip edge as manufactured by Quality Edge.
     2. Drip edge shall be PreNotched and Dual-Hemmed for strength and clean lines. Finish color as selected from manufacturer's standard offering.

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

* + 1. Drip edge in profile selected or as indicated on the Drawings.
       1. T-Style Drip Edge: Aluminum 0.011 inch (0.27 mm), 3 profiles.
       2. T-Style Drip Edge: Aluminum 0.016 inch (0.40 mm), 3 profiles.
       3. T-Style Drip Edge: Aluminum 0.019 inch (0.48 mm), 12 profiles.
       4. T-Style Drip Edge: Steel 0.010 inch (0.25 mm), 3 profiles.
       5. T-Style Drip Edge: Steel 0.013 inch (0.33 mm), 9 profiles.
       6. T-Style Drip Edge: Steel 0.016 inch (0.40 mm), 7 profiles.
       7. T-Style Drip Edge: Steel 0.019 inch (0.48 mm), 3 profiles.
       8. C-Style Drip Edge: Aluminum 0.019 inch (0.48 mm), 3 profiles.
       9. C-Style Drip Edge: Steel 0.013 inch (0.33 mm), 3 profiles.
       10. C-Style Drip Edge: Aluminum 0.016 inch (0.48 mm), 1 profile.
       11. Gutter Apron: Aluminum 0.011 inch (0.27 mm), 1 profile.
       12. Gutter Apron: Aluminum 0.016 inch (0.40 mm), 1 profile.
       13. Gutter Apron: Aluminum 0.019 inch (0.48 mm), 4 profiles.
       14. Gutter Apron: Steel 0.010 inch (0.25 mm), 1 profile.
       15. Gutter Apron: Steel 0.013 inch, (0.33 mm) 4 profiles.
       16. Gutter Apron: Steel 0.016 inch (0.40 mm), 3 profiles.
       17. Gutter Apron: Steel 0.019 inch (0.48 mm), 2 profiles
       18. Asphalt Drip: Aluminum 0.011 inch (0.27 mm), 1 profile.
       19. Asphalt Drip: Aluminum 0.013 inch (0.33 mm), 2 profiles.
       20. Asphalt Drip: Aluminum 0.016 inch (0.40 mm), 4 profiles.
       21. Asphalt Drip: Aluminum 0.019 inch (0.48 mm), 5 profiles
       22. Asphalt Drip: Aluminum 0.024 inch (0.60 mm), 1 profile
       23. Asphalt Drip: Steel 0.010 inch (0.25 mm), 5 profiles.
       24. Asphalt Drip: Steel 0.013 inch (0.33 mm), 6 profiles.
       25. Asphalt Drip: Steel 0.016 inch (0.40 mm), 4 profiles.
       26. Asphalt Drip: Steel 0.019 inch (0.48 mm), 5 profiles.
       27. Asphalt Drip: Steel 0.024 inch (0.60 mm), 1 profile.
       28. Gravel Stop: Aluminum 0.016 inch (0.40 mm), 1 profile.
       29. Gravel Stop: Aluminum 0.019 inch (0.48 mm), 1 profile.
       30. Gravel Stop: Aluminum 0.024 inch (0.60 mm), 2 profiles.
       31. Gravel Stop: Steel 0.013 inch (0.33 mm), 1 profile.
       32. Gravel Stop: Steel 0.019 inch (0.48 mm), 5 profiles.
       33. F8 Style Drip Edge: Aluminum 0.019 inch (0.48 mm), 1 profile.
       34. F8 Style Drip Edge: Steel 0.013 inch (0.33 mm), 1 profile.
       35. Open Drip Edge: Aluminum 0.019 inch (0.48 mm), 2 profiles.
       36. Vented Drip Edge: Aluminum 0.024 inch (0.60 mm), 1 profile.
       37. Crown Drip Edge: Aluminum 0.024 inch (0.60 mm), 1 profile.
       38. Siders Edge: Aluminum 0.019 inch (0.48 mm), 1 profile.

\*\* NOTE TO SPECIFIER \*\* W-style for open Valley applications The W-Valley from Quality Edge effectively channels the rainwater to run off easily, and adds strength where it's needed most in the center area of the flashing. This pre-formed product provides significant savings in installation time and labor. Delete if not required.

* 1. VALLEY METAL
     1. Product: Valley metal as manufactured by Quality Edge.
     2. Valley metal shall be pre-formed and formed for strength. Finish color as selected from manufacturer's standard offering.
     3. Valley metal in profile selected or as indicated on the Drawings. Painted finish unless noted otherwise.

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

* + - 1. W-Valley: Standard.
         1. 18 inches (457 mm) in 0.019 inch (0.48 mm) copper.
         2. 24 inches (610 mm) in 0.019 inch (0.48 mm) aluminum.
         3. 20 inches (508 mm) in 0.019 inch (0.48 mm) steel (painted or mill).
         4. 20 inches (508 mm) in 0.016 inch (0.40 mm) steel (painted or mill).
         5. 24 inches (610 mm) in 0.016 inch (0.40 mm) steel (painted or mill).
      2. W-Valley: Ribbed, Aluminum and Steel.
         1. 18 inches (457 mm) in 0.013 inch (0.33 mm) steel (painted or mill).
         2. 20 inches (508 mm) in 0.013 inch (0.33 mm) steel (painted or mill).
         3. 20 inches (508 mm) in 0.013 inch (0.33 mm) steel (painted or mill).
         4. 24 inches (610 mm) in 0.013 inch (0.33 mm) steel (painted or mill).
         5. 24 inches (610 mm) in 0.016 inch (0.40 mm) steel (painted or mill).
      3. W-Valley: Ribbed with Waterlocked Edges, Steel.
         1. 20 inches (508 mm) in 0.013 inch (0.33 mm) steel (painted or mill).
         2. 20 inches (508 mm) in 0.013 inch (0.33 mm) steel (painted or mill).
         3. 24 inches (610 mm) in 0.013 inch (0.33 mm) steel (painted or mill).
         4. 24 inches (610 mm) in 0.013 inch (0.33 mm) steel (painted or mill).
      4. A-Valley: Standard.
         1. 18 inches (457 mm) in 0.019 inch (0.48 mm) steel.
      5. W-Valley: Tile Shake.
         1. 10 inches (254 mm) in 0.013 inch (0.33 mm) steel Mill finish.

\*\* NOTE TO SPECIFIER \*\* Pre-bent and pre-cut, Quality Edge Step Flashing is ready to go - saving you valuable time on-site. This premium quality flashing comes in many shapes and sizes to fit your specific needs. Choose from our mill finish, one of our many colors or our 16 oz. copper for a distinctive appearance. Delete if not required.

* 1. FLASHING
     1. Product: Flashing metal as manufactured by Quality Edge.
     2. Flashing metal shall be pre-formed and formed for strength. Finish color as selected from manufacturer's standard offering.
     3. Flashing metal in profile selected or as indicated on the Drawings. Painted finish.

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

* + - 1. Step Flashing: Flat - Aluminum 3 profiles.
      2. Porch Flashing: Steel 4 profiles.
      3. Prebent Flashing: Aluminum 13 profiles.
      4. Prebent Flashing: Steel 9 profiles.
      5. Prebent Flashing: Copper 1 profile.
      6. Step Flashing: Flat - Steel 7 profiles.
      7. Base/Roof Flashing: Aluminum 1 profile.
      8. Base/Roof Flashing: Steel 2 profiles.
      9. Deck Flashing: Steel 1 profile.
      10. Porch Flashing: Aluminum 1 profile.
      11. Roof to Wall Flashing: Aluminum 1 profile Standard.
      12. Roof to Wall Flashing: Aluminum 1 profile Decorative.
      13. Z-Flashing: Aluminum. 3 profiles.
      14. Angle Flashing: Steel 8 profiles.
      15. Roll Flashing: .008 inch (0.20 mm) Aluminum 28 profiles.
      16. Roll Flashing: .011 inch (0.28 mm) Aluminum 28 profiles.
      17. Roll Flashing: 28G 0.010 in (0.38 mm) Steel. 33 profiles.
      18. Dormer Flashing: Steel 1 profile.
      19. Reglet: Steel 1 profile.
      20. Reglet with Return: Steel 1 profile.

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

* 1. RIDGE VENTS

\*\* NOTE TO SPECIFIER \*\* The design of TruAir® Series 4.4's inward baffles creates an even, uninterrupted flow of air which lifts air from your attic. Delete if not required.

* + 1. Ridge Vent
       1. TruAir Series 4.4 as manufactured by Quality Edge.

\*\* NOTE TO SPECIFIER \*\* Though virtually undetectable from the street, TruAir® Series 5 allows just as much airflow as external products. Delete if not required.

* + 1. Ridge Vent
       1. TruAir Series 5 as manufactured by Quality Edge.

\*\* NOTE TO SPECIFIER \*\* Most cap shingles do not fit standard ridge vents resulting in obstruction of the baffle, sacrificing NFA. TruAir® Series 6 has a revolutionary one-sided design and fits any shingle cap 9" or larger, perfectly. Delete if not required.

* + 1. Ridge Vent
       1. TruAir Series 6 as manufactured by Quality Edge.

\*\* NOTE TO SPECIFIER \*\* Though virtually undetectable from the street, TruAir® Rolled Ridge Vents allow just as much airflow as external products. Delete if not required.

* + 1. Rolled Ridge Vents:
       1. TruAir Rolled Ridge Vents as manufactured by Quality Edge.

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

* + 1. Rigid Rolled Ridge Vent as manufactured by Quality Edge.
       1. Design maintains proper orientation of baffle.
       2. Design shall prevent rain and snow infiltration and insect infestation.
       3. Design shall exceed Department of Energy recommendations and all nationally recognized building codes when installed properly.

\*\* NOTE TO SPECIFIER \*\* Provides intake ventilation for homes with no overhang. Delete if not required.

* + 1. Eave Intake Vent as manufactured by Quality Edge.
       1. Designed with an all-weather filter.
       2. Design shall not require connectors, straps or gaskets.
       3. Design shall prevent rain and snow infiltration and insect infestation.
       4. Constructed of specially formulated polymer.
       5. Interior baffles and louvers for proven protection
       6. Pre-formed nail holes.

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

* 1. SOFFITS

\*\* NOTE TO SPECIFIER \*\* TruVent®, patented Hidden Vent Soffit provides the right amount of airflow (11 NFA) to work with most ridge vent systems, while maximizing the architectural integrity of your overhangs. Ventilation is at its best when it's invisible™. Delete if not required.

* + 1. Hidden Vent Soffit:
       1. TruVent as manufactured by Quality Edge.
          1. Intelligent Air Design - Ventilation shall be invisible. Airflow (11 NFA).
          2. Design shall incorporate I-beam construction engineered for optimum strength.

Material: .019 inch (0.48 mm) Titanium Stabilized Specially Annealed High Performance Aluminum Alloy.

* + - * 1. Finish: Thick paint finish that resists peeling, cracking, chipping or delaminating.

\*\* NOTE TO SPECIFIER \*\* TruBead® offers a classic beaded profile that provides the air you need and the style you desire. TruBead's patented micro-lance design provides the right amount of airflow (10.2NFA), while maximizing the architectural integrity of your over hangs. Delete if not required.

* + 1. Soffit:
       1. TruBead as manufactured by Quality Edge.
          1. Design delivers the highest ventilation rating of its kind. Airflow (10.2 NFA)
          2. Design provides the character of a classic beaded style.
          3. Design shall incorporate Intelligent Air - Jet 45 degrees concealed ventilation.
          4. Material: .019 inch (0.48 mm) Titanium Stabilized Specially Annealed High Performance Aluminum Alloy.
          5. Thick paint finish that resists peeling, cracking, chipping or delaminating.

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

* + - 1. TruBead Soffit: 3 Panel Non Vented.
      2. TruBead Soffit: 2 Panel Non Vented.
      3. TruBead Soffit: 3 Panel Vented.
      4. TruBead Soffit: 2 Panel Vented.

\*\* NOTE TO SPECIFIER \*\* Ventilation is what TruLine® HP is all about. When you enhance the ventilation, you enhance everything. With TruLine® HP you can reduce the temperature in the attic, prolong the life of your roof and other building materials, reduce energy cost and help improve indoor air quality. Delete if not required.

* + 1. Soffit:
       1. TruLine HP as manufactured by Quality Edge.
          1. Design shall Maximized Air Flow - Offers more deeper and longer lances per foot.
          2. Material: .019 inch (0.48 mm) Titanium Stabilized Specially Annealed High Performance Aluminum Alloy.
          3. Thick paint finish that resists peeling, cracking, chipping or delaminating

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

* + - 1. TruLine Soffit: 12 inches (305 mm) Solid.
      2. TruLine Soffit: 12 inches (305 mm) Center Vented.
      3. TruLine Soffit: 12 inches (305 mm) Fully Vented. NFA of 19.6.
      4. TruLine Soffit: 16 inches (406 mm) Solid.
      5. TruLine Soffit: 16 inches (406 mm) Center Vented.
      6. TruLine Soffit: 16 inches (406 mm) Fully Vented. NFA of 19.6
      7. TruLine Soffit: D5 Solid.
      8. TruLine Soffit: D5 Vented. NFA of 22.5.
      9. TruLine Soffit: D6 Solid.
      10. TruLine Soffit: D6 Vented. NFA of 21.5.

\*\* NOTE TO SPECIFIER \*\* Each TruLine® TS-Series Soffit panel is made from a Titanium Stabilized Aluminum Alloy and is available in five profiles. Delete if not required.

* + 1. Soffit:
       1. TruLine TS as manufactured by Quality Edge.
          1. Material: .019 inch (0.48 mm) Titanium Stabilized Specially Annealed High Performance Aluminum Alloy.

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

* + - 1. TruLine TS-Series 12 inches (305 mm) & 16 inches (406 mm) Soffit is available in: Two solid profiles, perfect for gables or other non vented areas. Refer to Drawings.
      2. TruLine TS-Series Center Vented are available in 12 inches (305 mm) Center Vent with an NFA of 5.9, and 16 inches (406 mm) Center Vent with an NFA of 9.9 as applicable.
      3. TruLine TS-Series Fully Vented profile delivers over 644 carefully sculpted intake vents per foot and with a 19.6 NFA.
    1. Architectural Soffit:
       1. TruLegacy Soffit as manufactured by Quality Edge.

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

* + - 1. TruLegacy: 12 inches (305 mm), 18 inches (457 mm), 24 inches (610 mm) Ribbed Non Vented. Refer to Drawings.
      2. TruLegacy: 12 inches (305 mm), 18 inches (457 mm), 24 inches (610 mm) Ribbed Vented. Refer to Drawings.
      3. TruLegacy: 6 inches (152 mm), 12 inches (305 mm), 18 inches (457 mm) Rolled Non Vented. Refer to Drawings.
      4. TruLegacy: 6 inches (152 mm), 12 inches (305 mm), 18 inches (457 mm) Rolled Vented. Refer to Drawings.
    1. Soffit:
       1. Builders Soffit as manufactured by Quality Edge.

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

* + - 1. Builders Soffit: 12 inches (305 mm) Solid.
      2. Builders Soffit: 12 inches (305 mm) Center Vented.
      3. Builders Soffit: 12 inches (305 mm) Fully Vented.

\*\* NOTE TO SPECIFIER \*\* Explore our color-coordinated Soffit Corbels, Crown Frieze Board, Colonial Soffit Receiver and Recessed Crown Molding. Delete if not required.

* + 1. Soffit Enhancers as manufactured by Quality Edge.
       1. Refer to Drawings.

\*\* NOTE TO SPECIFIER \*\* The Porch Ceiling Collection features 5 woodgrain finishes that exhibit the classic look and feel of real stained wood with the durability and performance of an aluminum substrate. Delete if not required.

* + 1. Porch Ceiling Collection as manufactured by Quality Edge.
       1. Refer to Drawings.

\*\* NOTE TO SPECIFIER \*\* With so many building products on the market, it takes real innovation to rise above the crowd. Sometimes, it's the simple ideas that have the greatest impact. That's the thinking behind the latest improvement in our pre-engineered aluminum fascia. Delete if not required.

* 1. FASCIA

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

* + 1. Fascia:
       1. Builders Fascia as manufactured by Quality Edge.
          1. Material: .019 inch (0.48 mm) Aluminum Alloy.

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

* + - 1. Builders Woodgrain: 6 inches (152 mm).
      2. Builders Woodgrain: 8 inches (203 mm).
      3. Builders Ribbed: 6 inches (152 mm).
      4. Builders Ribbed: 8 inches (203 mm).

\*\* NOTE TO SPECIFIER \*\* Our unique extra strength TruLine® pre engineered fascia is pre-notched for a better looking and faster application, dual-hemmed for straighter lines and easier handling and is 120% stiffer than standard trim coil. Delete profile not required.

* + 1. Fascia:
       1. TruLine as manufactured by Quality Edge.

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

* + - 1. TruLine Smooth: 4 inches (102 mm).
      2. TruLine Smooth: 5-3/4 inches (146 mm).
      3. TruLine Smooth: 6 inches (152 mm).
      4. TruLine Smooth: 8 inches (203 mm).
      5. TruLine Ribbed: 4 inches (102 mm).
      6. TruLine Ribbed: 5-3/4 inches (146 mm).
      7. TruLine Ribbed: 6 inches (152 mm).
      8. TruLine Ribbed: 8 inches (203 mm).
      9. TruLine Ribbed: 10 inches (254 mm).
      10. TruLine Woodgrain: 3-3/4 inches (95 mm).
      11. TruLine Woodgrain: 4 inches (102 mm).
      12. TruLine Woodgrain: 5-3/4 inches (146 mm).
      13. TruLine Woodgrain: 6 inches (152 mm).
      14. TruLine Woodgrain: 7-3/4 inches (197 mm).
      15. TruLine Woodgrain: 8 inches (203 mm).
      16. TruLine Woodgrain: 10 inches (254 mm).

\*\* NOTE TO SPECIFIER \*\* TruCedar ® steel siding accessories combine the functionality and strength of the kind of steel you use and depend on every day, with a thermally deposited, anti-corrosive and extremely abrasion resistant coating. Color matched to provide every option to finish your home with a complete Steel System.

* + 1. Fascia:
       1. TruCedar as manufactured by Quality Edge.

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

* + - 1. TruCedar Woodgrain (Steel): 6 inches (152 mm).
      2. TruCedar Woodgrain (Steel): 8 inches (203 mm).
      3. TruCedar Woodgrain (Alum): 6 inches (152 mm).
      4. TruCedar Woodgrain (Alum): 8 inches (203 mm).

\*\* NOTE TO SPECIFIER \*\* TruClip's unique patent pending pre engineered fascia is proud to the soffit providing the reveal of a real wood plank.

* + 1. Fascia (0.024 Gauge):
       1. TruClip as manufactured by Quality Edge.

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

* + - 1. TruClip Smooth: 6 inches (152 mm).
      2. TruClip Woodgrain: 6 inches (152 mm).
      3. TruClip Smooth: 8 inches (203 mm). TruLine (Steel): 6 inches.
      4. TruClip Woodgrain: 8 inches (203 mm). TruLine (Steel): 8 inches.

\*\* NOTE TO SPECIFIER \*\* Quality Edge offers many accessories to complete your gutter job and give you a seamless look!. Delete if not required.

* 1. GUTTERS AND DOWNSPOUTS
     1. Rainware Systems as manufactured by Quality Edge.
     2. Gutter: Field formed from prefinished coil.

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

* + - 1. Gutter Coil .027 inch (0.69 mm) Aluminum.
      2. Gutter Coil .032 inch (0.81 mm) Aluminum.
    1. Mitered Corners:

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

* + - 1. 5 inches (127 mm) Box Mitre: Inside & Outside Corners.
      2. 6 inches (152 mm) Box Mitre: Inside & Outside Corners.
    1. Downspouts & Elbows:
       1. Material Thickness: .019 inch (0.48 mm) aluminum.
       2. Finish: Q800.

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

* + - 1. Profile: 2 inches X 3 inches (51 mm X 76 mm) Downpipe.
      2. Profile: 3 inches X 4 inches (76 mm X 102 mm) Downpipe.
    1. Finish: Q800.

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

* + - 1. Color: Autumn Leaf 560.
      2. Color: Black 518.
      3. Color: Brown 502.
      4. Color: Cactus 200.
      5. Color: Champagne 827.
      6. Color: Clay 807.
      7. Color: Cozy Cottage 606.
      8. Color: Cypress 559.
      9. Color: Desert Tan 327.
      10. Color: Eggshell 503.
      11. Color: Eldridge Gray 605.
      12. Color: Forest 522.
      13. Color: Granite 204.
      14. Color: Heather 506.
      15. Color: Herringbone 819.
      16. Color: Mocha 507.
      17. Color: Musket 508.
      18. Color: Navy 521.
      19. Color: Norwood 509.
      20. Color: Pewter 805.
      21. Color: Prairie Sand 549.
      22. Color: Sable 538.
      23. Color: Sandy Beige 177.
      24. Color: Snowmist 523.
      25. Color: Terratone 511.
      26. Color: White 280.
      27. Color: Wicker 809.
      28. Color: Wineberry 604.

\*\* NOTE TO SPECIFIER \*\* Additional Colors.

* + - 1. Color: Almond 801.
      2. Color: Cream 817.
      3. Color: Green 505.

\*\* NOTE TO SPECIFIER \*\* Steel Siding Colors.

* + - 1. Color: Sahara 407.
    1. Accessories: Exposed finish to match gutters and downspouts. Material: .019 inch (0.48 mm) aluminum.
       1. End Caps: As required.

\*\* NOTE TO SPECIFIER \*\* Our Brick Ledge Jumper is constructed of our specially-annealed metal.

* + - 1. Brick Ledge Jumper: As required.

\*\* NOTE TO SPECIFIER \*\* Our Pipe Clips are forged from our specially-annealed Q800 alloy

* + - 1. Pipe Clips: As required.

\*\* NOTE TO SPECIFIER \*\* Our economical and dependable ferrules feature a mill finish.

* + - 1. Ferrule: As required.

\*\* NOTE TO SPECIFIER \*\* In a system of colors to match any rainware job, our 7" Spikes come in our special Q800 finish.

* + - 1. Spike: As required.

\*\* NOTE TO SPECIFIER \*\* Our Diamond Pipe Bands are specially annealed and available in over 28 colors.

* + - 1. Diamond Pipe Band : As required.
      2. Wrap Around Hangers: As required.

\*\* NOTE TO SPECIFIER \*\* Designed and built to last a lifetime. Our gutter protection brands let gutters do what they do best: drain water. Even during heavy downpours, water is easily channeled into the gutter while the nose-forward design of our gutter protection stops any other debris from coming into the gutter. Our products take advantage of surface tension - the same factor that allows water to rise above the rim of a glass. The surface tension of water allows it to follow the contours of the gutter protection into the gutter, while debris simply falls to the ground. Delete if not required.

* 1. GUTTER PROTECTION
     1. Gutter Protection:

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

* + - 1. Product: Builders Gutter Protection Panels.
         1. Sustainable Material - Recycled aluminum alloy. 0.016 inch (0.41 mm) thick.

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

* + - 1. Product: Comfort Flow Gutter Protection Screen.
         1. Sustainable Material - Recycled aluminum alloy. 0.016 inch (0.41 mm) thick.

\*\* NOTE TO SPECIFIER \*\* Forward Nose - Maximum amount of surface tension (14-3/16 inches (360 mm)) handling more water Tri-Sectioned Rib Debris Separator - Allows debris to fall off at three different points Patented Smart Clip™ Bracket using Bridge Technology - Strengthens existing gutters and gives consistent surface tension Sustainable Material - Recycled aluminum alloy UV Paint System - Offers the best UV protection using a Kynar paint finish resisting fading and chalking ensuring consistent surface tension. Delete if not required.

* + - 1. Product: TruGuard Gutter Protection as manufactured by Quality Edge.
         1. Forward Nose - Maximum amount of surface tension, 14-3/16 inches (360 mm) handling more water.
         2. Tri-Sectioned Rib Debris Separator - Allows debris to fall off at three different points.
         3. Patented Smart Clip Bracket using Bridge Technology - Strengthens existing gutters and gives consistent surface tension.
         4. Sustainable Material - Recycled aluminum alloy. 0.024 inch (0.61 mm) thick.
         5. UV Paint System - Offers the best UV protection using a Kynar paint finish resisting fading and chalking ensuring consistent surface tension.
         6. Brackets and accessories as required for a complete functioning system.

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

* + - * 1. Panel: TruGuard Gutter Protection Panels.
        2. Panel: High-Capacity Ported Panels.

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 the substrate under the project conditions.
   3. INSTALLATION
      1. Install roofing accessories per manufacturer's instructions and requirements to provide performance as designed and maintain warranties offered.
   4. PROTECTION
      1. Protect installed products until completion of project.
      2. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION