SECTION 05 70 00

ORNAMENTAL METAL PANELS / GRILLES

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

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\*\* NOTE TO SPECIFIER \*\* Archer Douglas; ornamental metal panels / grilles.  
This section is based on the products of Archer Douglas, which is located at:  
4141 E. Raymond St. , Suite E  
Phoenix, AZ 85040  
Toll Free Tel: 866-816-9005  
Tel: 602-429-0469  
Fax: 602-437-3335  
Email: [request info (doug@steelcrestonline.com)](https://arcat.com/rfi?action=email&company=Archer%252BDouglas&message=RE%253A%2520Spec%2520Question%2520(05700ste)%253A%2520&coid=53295&spec=05700ste&rep=&fax=602-437-3335)  
Web: <https://www.archerdouglas.com>   
  
 [ [Click Here](https://arcat.com/company/archer-douglas-53295) ] for additional information.  
  
Why choose Archer Douglas?   
In a world that's beginning to look the same no matter where you go, you crave meaningful over mediocre, extraordinary over average.   
  
In a word, you seek 'custom.'  
  
Custom architectural panels.  
Whether you're a motivated architect or designer, a discerning business owner or a sophisticated homeowner, Archer Douglas may be your next valuable relationship.  
  
We believe in aesthetics as much as function and we believe that every space, indoor or out, can be made remarkable and unique.  
  
Custom in design. Custom in application. Customized just for you!  
  
We work with professionals.  
People who know architectural panels know how unique the custom concept is.  
  
While we usually work with landscape architects, building architects, engineers, designers, and contractors, we also work with homeowners and business owners. Whether you need a single designed panel or 50 custom-made pieces to do the job, we can do it together.  
  
Hardware and installation.  
At Archer Douglas, we do one thing and we do it well: build exclusive, custom-made architectural panels for commercial and residential clients who want to wow all who see them. We focus on partnering with clients from concept to delivery. While we don't install, we ensure everything is built ready for you or your contractor to install according to your specifications.

1. GENERAL
   1. SECTION INCLUDES

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

* + 1. Ornamental Metal Panels / Grilles for the Following Applications:
       1. Railing and guard rail panels.
       2. Room divider panels.
       3. Security gates and fencing panels.
       4. Cabinet, window, and door inserts
       5. Windscreen and sunscreen panels
       6. Exterior landscaping accents.
       7. Custom fabrications.
       8. Indoor decorative panels.
  1. RELATED SECTIONS

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

* + 1. Section 05 50 00 - Metal Fabrications.
    2. Section 23 37 13 - Diffusers, Registers and Grilles.
  1. SUBMITTALS
     1. Submit under provisions of Section 01 30 00 - Administrative Requirements.
     2. Product Data:
        1. Manufacturer's data sheets on each product to be used.
        2. Preparation instructions and recommendations.
        3. Storage and handling requirements and recommendations.
        4. Typical 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.
    3. Shop Drawings: Include details of materials, construction and finish. Include relationship with adjacent construction.
  1. QUALITY ASSURANCE
     1. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with a minimum five years documented experience.
     2. Installer Qualifications: Company specializing in performing Work of this section with minimum two years documented experience with projects of similar scope and complexity.
     3. Source Limitations: Provide each type of product from a single manufacturing source to ensure uniformity.

\*\* NOTE TO SPECIFIER \*\* Include mock-up if the project size or quality warrant the expense. The following is one example of how a mock-up on might be specified. When deciding on the extent of the mock-up, consider all the major different types of work on the project. Delete if not required.

* + 1. Mock-Up: Construct a mock-up with actual materials in sufficient time for Architect's review and to not delay construction progress. Locate mock-up as acceptable to Architect and provide temporary foundations and support.
       1. Intent of mock-up is to demonstrate quality of workmanship and visual appearance.
       2. If mock-up is not acceptable, rebuild mock-up until satisfactory results are achieved.
       3. Retain mock-up during construction as a standard for comparison with completed work.
       4. Do not alter or remove mock-up until work is completed or removal is authorized.
  1. PRE-INSTALLATION CONFERENCE
     1. Convene a conference approximately two weeks before scheduled commencement of the Work. Attendees shall include Architect, Contractor and trades involved. Agenda shall include schedule, responsibilities, critical path items and approvals.
  2. DELIVERY, STORAGE, AND HANDLING
     1. Store and handle in strict compliance with manufacturer's written instructions and recommendations.
     2. Protect from damage due to weather, excessive temperature, and construction operations.
  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.
  5. WARRANTY
     1. Manufacturer's Warranty: Provide manufacturer's limited lifetime warranty, excluding finish.

1. PRODUCTS
   1. MANUFACTURERS
      1. Acceptable Manufacturer: Archer Douglas, which is located at:  
         4141 E. Raymond St. , Suite E  
         Phoenix, AZ 85040  
         Toll Free Tel: 866-816-9005  
         Tel: 602-429-0469  
         Fax: 602-437-3335  
         Email: [request info (doug@steelcrestonline.com)](https://arcat.com/rfi?action=email&company=Archer%252BDouglas&message=RE%253A%2520Spec%2520Question%2520(05700ste)%253A%2520&coid=53295&spec=05700ste&rep=&fax=602-437-3335);Web: <https://www.archerdouglas.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 01 60 00 - Product Requirements.

\*\* NOTE TO SPECIFIER \*\* Railing & guard rail panels design matches other Archer Douglas products. Hide essential but unattractive control panels, motors, pumps, and electrical panels. Delete if not required.

* 1. RAILING AND GUARD RAIL PANELS
     1. Basis of Design: Railing & guard rail inserts; as manufactured by Archer Douglas.
        1. Made in USA.

\*\* NOTE TO SPECIFIER \*\* 1/8 inch steel is standard, other materials are available. Delete materials and thicknesses not required.

* + - 1. Material: Steel.
      2. Material: Aluminum.
      3. Material: Stainless steel.
      4. Material: Brass.
      5. Material: Copper.
      6. Material: \_\_\_\_\_.
      7. Material: As indicated on Drawings.
      8. Thickness: 18 gauge (0.0478 inch) (1.21 mm).
      9. Thickness: 14 gauge (0.0747 inch) (1.90 mm).
      10. Thickness: 11 gauge (0.1196 inch) (3.04 mm).
      11. Thickness: 1/8 inch (3.18 mm).
      12. Thickness: 7 gauge (0.1793 inch) (4.55 mm).
      13. Thickness: 3 gauge (0.2391 inch) (6.07 mm).

\*\* NOTE TO SPECIFIER \*\* Powder-coated steel is standard, other finishes are available. Delete finishes not required.

* + - 1. Finish: Powder-coated.
      2. Finish: Brushed, stainless steel.
      3. Polished
      4. Finish: As indicated on Drawings.
      5. Finish: \_\_\_\_\_.

\*\* NOTE TO SPECIFIER \*\* Single panels up to 116 x 56 inches (2946 x 1422 mm) are available. Larger sections can be achieved by mechanically fastening multiple sheets together. Delete size options not required.

* + - 1. Size: \_\_\_\_\_.
      2. Size: As indicated on Drawings.
      3. Size: As required to provide required access.

\*\* NOTE TO SPECIFIER \*\* Delete pattern options not required.

* + - 1. Pattern: \_\_\_\_\_.
      2. Pattern: As selected by Architect from Manufacturer's full range.
      3. Pattern: Custom, as indicated on Drawings.
      4. Pattern: Custom, to be selected by Architect.

\*\* NOTE TO SPECIFIER \*\* Bronze, Antique Bronze, BG38, and GR1031 are not suitable for outdoor use. Delete colors not required.

* + - 1. Color: Bronze.
      2. Color: Antique Bronze.
      3. Color: BR23.
      4. Color: WH120.
      5. Color: Weathered Brown.
      6. Color: Silverado.
      7. Color: BR47.
      8. Color: Oil-Rubbed Bronze.
      9. Color: Dark Roast.
      10. Color: Copper Clad.
      11. Color: Copper Texture.
      12. Color: GR06.
      13. Color: BK59.
      14. Color: BG38.
      15. Color: Almond Texture.
      16. Color: GR1031.
      17. Color: As indicated on Drawings.
      18. Color: As selected by Architect from Manufacturer's full range.

\*\* NOTE TO SPECIFIER \*\* Room divider panels design matches other Archer Douglas products. Delete if not required.

* 1. ROOM DIVIDER PANELS
     1. Basis of Design: Railing & guard rail inserts; as manufactured by Archer Douglas.
        1. Made in USA.

\*\* NOTE TO SPECIFIER \*\* 1/8 inch steel is standard, other materials are available. Delete materials and thicknesses not required.

* + - 1. Material: Steel.
      2. Material: Aluminum.
      3. Material: Stainless steel.
      4. Material: Brass.
      5. Material: Copper.
      6. Material: \_\_\_\_\_.
      7. Material: As indicated on Drawings.
      8. Thickness: 18 gauge (0.0478 inch) (1.21 mm).
      9. Thickness: 14 gauge (0.0747 inch) (1.90 mm).
      10. Thickness: 11 gauge (0.1196 inch) (3.04 mm).
      11. Thickness: 1/8 inch (3.18 mm).
      12. Thickness: 7 gauge (0.1793 inch) (4.55 mm).
      13. Thickness: 3 gauge (0.2391 inch) (6.07 mm).

\*\* NOTE TO SPECIFIER \*\* Powder-coated steel is standard, other finishes are available. Delete finishes not required.

* + - 1. Finish: Powder-coated.
      2. Finish: Brushed, stainless steel.
      3. Polished
      4. Finish: As indicated on Drawings.
      5. Finish: \_\_\_\_\_.

\*\* NOTE TO SPECIFIER \*\* Single panels up to 116 x 56 inches (2946 x 1422 mm) are available. Larger sections can be achieved by mechanically fastening multiple sheets together. Delete size options not required.

* + - 1. Size: \_\_\_\_\_.
      2. Size: As indicated on Drawings.
      3. Size: As required to provide required access.

\*\* NOTE TO SPECIFIER \*\* Delete pattern options not required.

* + - 1. Pattern: \_\_\_\_\_.
      2. Pattern: As selected by Architect from Manufacturer's full range.
      3. Pattern: Custom, as indicated on Drawings.
      4. Pattern: Custom, to be selected by Architect.

\*\* NOTE TO SPECIFIER \*\* Bronze, Antique Bronze, BG38, and GR1031 are not suitable for outdoor use. Delete colors not required.

* + - 1. Color: Bronze.
      2. Color: Antique Bronze.
      3. Color: BR23.
      4. Color: WH120.
      5. Color: Weathered Brown.
      6. Color: Silverado.
      7. Color: BR47.
      8. Color: Oil-Rubbed Bronze.
      9. Color: Dark Roast.
      10. Color: Copper Clad.
      11. Color: Copper Texture.
      12. Color: GR06.
      13. Color: BK59.
      14. Color: BG38.
      15. Color: Almond Texture.
      16. Color: GR1031.
      17. Color: As indicated on Drawings.
      18. Color: As selected by Architect from Manufacturer's full range.

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

* 1. SECURITY GATES AND FENCING PANELS
     1. Basis of Design: Railing & guard rail inserts; as manufactured by Archer Douglas.
        1. Made in USA.

\*\* NOTE TO SPECIFIER \*\* 1/8 inch steel is standard, other materials are available. Delete materials and thicknesses not required.

* + - 1. Material: Steel.
      2. Material: Aluminum.
      3. Material: Stainless steel.
      4. Material: Brass.
      5. Material: Copper.
      6. Material: \_\_\_\_\_.
      7. Material: As indicated on Drawings.
      8. Thickness: 18 gauge (0.0478 inch) (1.21 mm).
      9. Thickness: 14 gauge (0.0747 inch) (1.90 mm).
      10. Thickness: 11 gauge (0.1196 inch) (3.04 mm).
      11. Thickness: 1/8 inch (3.18 mm).
      12. Thickness: 7 gauge (0.1793 inch) (4.55 mm).
      13. Thickness: 3 gauge (0.2391 inch) (6.07 mm).

\*\* NOTE TO SPECIFIER \*\* Powder-coated steel is standard, other finishes are available. Delete finishes not required.

* + - 1. Finish: Powder-coated.
      2. Finish: Brushed, stainless steel.
      3. Polished
      4. Finish: As indicated on Drawings.
      5. Finish: \_\_\_\_\_.

\*\* NOTE TO SPECIFIER \*\* Single panels up to 116 x 56 inches (2946 x 1422 mm) are available. Larger sections can be achieved by mechanically fastening multiple sheets together. Delete size options not required.

* + - 1. Size: \_\_\_\_\_.
      2. Size: As indicated on Drawings.
      3. Size: As required to provide required access.

\*\* NOTE TO SPECIFIER \*\* Delete pattern options not required.

* + - 1. Pattern: \_\_\_\_\_.
      2. Pattern: As selected by Architect from Manufacturer's full range.
      3. Pattern: Custom, as indicated on Drawings.
      4. Pattern: Custom, to be selected by Architect.

\*\* NOTE TO SPECIFIER \*\* Bronze, Antique Bronze, BG38, and GR1031 are not suitable for outdoor use. Delete colors not required.

* + - 1. Color: Bronze.
      2. Color: Antique Bronze.
      3. Color: BR23.
      4. Color: WH120.
      5. Color: Weathered Brown.
      6. Color: Silverado.
      7. Color: BR47.
      8. Color: Oil-Rubbed Bronze.
      9. Color: Dark Roast.
      10. Color: Copper Clad.
      11. Color: Copper Texture.
      12. Color: GR06.
      13. Color: BK59.
      14. Color: BG38.
      15. Color: Almond Texture.
      16. Color: GR1031.
      17. Color: As indicated on Drawings.
      18. Color: As selected by Architect from Manufacturer's full range.

\*\* NOTE TO SPECIFIER \*\* Add that elegant touch to your home with our large selection of stylish cabinet door, window, and entry door inserts. Delete if not required.

* 1. CABINET, WINDOW, AND DOOR INSERTS
     1. Basis of Design: Railing & guard rail inserts; as manufactured by Archer Douglas.
        1. Made in USA.

\*\* NOTE TO SPECIFIER \*\* 1/8 inch steel is standard, other materials are available. Delete materials and thicknesses not required.

* + - 1. Material: Steel.
      2. Material: Aluminum.
      3. Material: Stainless steel.
      4. Material: Brass.
      5. Material: Copper.
      6. Material: \_\_\_\_\_.
      7. Material: As indicated on Drawings.
      8. Thickness: 18 gauge (0.0478 inch) (1.21 mm).
      9. Thickness: 14 gauge (0.0747 inch) (1.90 mm).
      10. Thickness: 11 gauge (0.1196 inch) (3.04 mm).
      11. Thickness: 1/8 inch (3.18 mm).
      12. Thickness: 7 gauge (0.1793 inch) (4.55 mm).
      13. Thickness: 3 gauge (0.2391 inch) (6.07 mm).

\*\* NOTE TO SPECIFIER \*\* Powder-coated steel is standard, other finishes are available. Delete finishes not required.

* + - 1. Finish: Powder-coated.
      2. Finish: Brushed, stainless steel.
      3. Polished
      4. Finish: As indicated on Drawings.
      5. Finish: \_\_\_\_\_.

\*\* NOTE TO SPECIFIER \*\* Single panels up to 116 x 56 inches (2946 x 1422 mm) are available. Larger sections can be achieved by mechanically fastening multiple sheets together. Delete size options not required.

* + - 1. Size: \_\_\_\_\_.
      2. Size: As indicated on Drawings.
      3. Size: As required to provide required access.

\*\* NOTE TO SPECIFIER \*\* Delete pattern options not required.

* + - 1. Pattern: \_\_\_\_\_.
      2. Pattern: As selected by Architect from Manufacturer's full range.
      3. Pattern: Custom, as indicated on Drawings.
      4. Pattern: Custom, to be selected by Architect.

\*\* NOTE TO SPECIFIER \*\* Bronze, Antique Bronze, BG38, and GR1031 are not suitable for outdoor use. Delete colors not required.

* + - 1. Color: Bronze.
      2. Color: Antique Bronze.
      3. Color: BR23.
      4. Color: WH120.
      5. Color: Weathered Brown.
      6. Color: Silverado.
      7. Color: BR47.
      8. Color: Oil-Rubbed Bronze.
      9. Color: Dark Roast.
      10. Color: Copper Clad.
      11. Color: Copper Texture.
      12. Color: GR06.
      13. Color: BK59.
      14. Color: BG38.
      15. Color: Almond Texture.
      16. Color: GR1031.
      17. Color: As indicated on Drawings.
      18. Color: As selected by Architect from Manufacturer's full range.

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

* 1. WINDSCREEN AND SUNSCREEN PANELS
     1. Basis of Design: Railing & guard rail inserts; as manufactured by Archer Douglas.
        1. Made in USA.

\*\* NOTE TO SPECIFIER \*\* 1/8 inch steel is standard, other materials are available. Delete materials and thicknesses not required.

* + - 1. Material: Steel.
      2. Material: Aluminum.
      3. Material: Stainless steel.
      4. Material: Brass.
      5. Material: Copper.
      6. Material: \_\_\_\_\_.
      7. Material: As indicated on Drawings.
      8. Thickness: 18 gauge (0.0478 inch) (1.21 mm).
      9. Thickness: 14 gauge (0.0747 inch) (1.90 mm).
      10. Thickness: 11 gauge (0.1196 inch) (3.04 mm).
      11. Thickness: 1/8 inch (3.18 mm).
      12. Thickness: 7 gauge (0.1793 inch) (4.55 mm).
      13. Thickness: 3 gauge (0.2391 inch) (6.07 mm).

\*\* NOTE TO SPECIFIER \*\* Powder-coated steel is standard, other finishes are available. Delete finishes not required.

* + - 1. Finish: Powder-coated.
      2. Finish: Brushed, stainless steel.
      3. Polished
      4. Finish: As indicated on Drawings.
      5. Finish: \_\_\_\_\_.

\*\* NOTE TO SPECIFIER \*\* Single panels up to 116 x 56 inches (2946 x 1422 mm) are available. Larger sections can be achieved by mechanically fastening multiple sheets together. Delete size options not required.

* + - 1. Size: \_\_\_\_\_.
      2. Size: As indicated on Drawings.
      3. Size: As required to provide required access.

\*\* NOTE TO SPECIFIER \*\* Delete pattern options not required.

* + - 1. Pattern: \_\_\_\_\_.
      2. Pattern: As selected by Architect from Manufacturer's full range.
      3. Pattern: Custom, as indicated on Drawings.
      4. Pattern: Custom, to be selected by Architect.

\*\* NOTE TO SPECIFIER \*\* Bronze, Antique Bronze, BG38, and GR1031 are not suitable for outdoor use. Delete colors not required.

* + - 1. Color: Bronze.
      2. Color: Antique Bronze.
      3. Color: BR23.
      4. Color: WH120.
      5. Color: Weathered Brown.
      6. Color: Silverado.
      7. Color: BR47.
      8. Color: Oil-Rubbed Bronze.
      9. Color: Dark Roast.
      10. Color: Copper Clad.
      11. Color: Copper Texture.
      12. Color: GR06.
      13. Color: BK59.
      14. Color: BG38.
      15. Color: Almond Texture.
      16. Color: GR1031.
      17. Color: As indicated on Drawings.
      18. Color: As selected by Architect from Manufacturer's full range.

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

* 1. EXTERIOR LANDSCAPING ACCENTS
     1. Basis of Design: Railing & guard rail inserts; as manufactured by Archer Douglas.
        1. Made in USA.

\*\* NOTE TO SPECIFIER \*\* 1/8 inch steel is standard, other materials are available. Delete materials and thicknesses not required.

* + - 1. Material: Steel.
      2. Material: Aluminum.
      3. Material: Stainless steel.
      4. Material: Brass.
      5. Material: Copper.
      6. Material: \_\_\_\_\_.
      7. Material: As indicated on Drawings.
      8. Thickness: 18 gauge (0.0478 inch) (1.21 mm).
      9. Thickness: 14 gauge (0.0747 inch) (1.90 mm).
      10. Thickness: 11 gauge (0.1196 inch) (3.04 mm).
      11. Thickness: 1/8 inch (3.18 mm).
      12. Thickness: 7 gauge (0.1793 inch) (4.55 mm).
      13. Thickness: 3 gauge (0.2391 inch) (6.07 mm).

\*\* NOTE TO SPECIFIER \*\* Powder-coated steel is standard, other finishes are available. Delete finishes not required.

* + - 1. Finish: Powder-coated.
      2. Finish: Brushed, stainless steel.
      3. Polished
      4. Finish: As indicated on Drawings.
      5. Finish: \_\_\_\_\_.

\*\* NOTE TO SPECIFIER \*\* Single panels up to 116 x 56 inches (2946 x 1422 mm) are available. Larger sections can be achieved by mechanically fastening multiple sheets together. Delete size options not required.

* + - 1. Size: \_\_\_\_\_.
      2. Size: As indicated on Drawings.
      3. Size: As required to provide required access.

\*\* NOTE TO SPECIFIER \*\* Delete pattern options not required.

* + - 1. Pattern: \_\_\_\_\_.
      2. Pattern: As selected by Architect from Manufacturer's full range.
      3. Pattern: Custom, as indicated on Drawings.
      4. Pattern: Custom, to be selected by Architect.

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

* + - 1. Color: BR23.
      2. Color: WH120.
      3. Color: Weathered Brown.
      4. Color: Silverado.
      5. Color: BR47.
      6. Color: Oil-Rubbed Bronze.
      7. Color: Dark Roast.
      8. Color: Copper Clad.
      9. Color: Copper Texture.
      10. Color: GR06.
      11. Color: BK59.
      12. Color: Almond Texture.
      13. Color: As indicated on Drawings.
      14. Color: As selected by Architect from Manufacturer's full range.

\*\* NOTE TO SPECIFIER \*\* Shape your space to suit your priorities. From room dividers to security doors to art deco and external wall panels, if you can visualize it, we can construct it. With Archer Douglas, you're not limited to punched patterns or flat screens. We can execute any shape or pattern, including radius forms, to fit your unique space, indoors or out. Delete if not required.

* 1. CUSTOM FABRICATIONS
     1. Basis of Design: Railing & guard rail inserts; as manufactured by Archer Douglas.
        1. Made in USA.

\*\* NOTE TO SPECIFIER \*\* 1/8 inch steel is standard, other materials are available. Delete materials and thicknesses not required.

* + - 1. Material: Steel.
      2. Material: Aluminum.
      3. Material: Stainless steel.
      4. Material: Brass.
      5. Material: Copper.
      6. Material: \_\_\_\_\_.
      7. Material: As indicated on Drawings.
      8. Thickness: 18 gauge (0.0478 inch) (1.21 mm).
      9. Thickness: 14 gauge (0.0747 inch) (1.90 mm).
      10. Thickness: 11 gauge (0.1196 inch) (3.04 mm).
      11. Thickness: 1/8 inch (3.18 mm).
      12. Thickness: 7 gauge (0.1793 inch) (4.55 mm).
      13. Thickness: 3 gauge (0.2391 inch) (6.07 mm).

\*\* NOTE TO SPECIFIER \*\* Powder-coated steel is standard, other finishes are available. Delete finishes not required.

* + - 1. Finish: Powder-coated.
      2. Finish: Brushed, stainless steel.
      3. Polished
      4. Finish: As indicated on Drawings.
      5. Finish: \_\_\_\_\_.

\*\* NOTE TO SPECIFIER \*\* Single panels up to 116 x 56 inches (2946 x 1422 mm) are available. Larger sections can be achieved by mechanically fastening multiple sheets together. Delete size options not required.

* + - 1. Size: \_\_\_\_\_.
      2. Size: As indicated on Drawings.
      3. Size: As required to provide required access.

\*\* NOTE TO SPECIFIER \*\* Delete pattern options not required.

* + - 1. Pattern: \_\_\_\_\_.
      2. Pattern: As selected by Architect from Manufacturer's full range.
      3. Pattern: Custom, as indicated on Drawings.
      4. Pattern: Custom, to be selected by Architect.

\*\* NOTE TO SPECIFIER \*\* Bronze, Antique Bronze, BG38, and GR1031 are not suitable for outdoor use. Delete colors not required.

* + - 1. Color: Bronze.
      2. Color: Antique Bronze.
      3. Color: BR23.
      4. Color: WH120.
      5. Color: Weathered Brown.
      6. Color: Silverado.
      7. Color: BR47.
      8. Color: Oil-Rubbed Bronze.
      9. Color: Dark Roast.
      10. Color: Copper Clad.
      11. Color: Copper Texture.
      12. Color: GR06.
      13. Color: BK59.
      14. Color: BG38.
      15. Color: Almond Texture.
      16. Color: GR1031.
      17. Color: As indicated on Drawings.
      18. Color: As selected by Architect from Manufacturer's full range.

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

* 1. INTERIOR DECORATIVE PANELS
     1. Basis of Design: Railing & guard rail inserts; as manufactured by Archer Douglas.
        1. Made in USA.

\*\* NOTE TO SPECIFIER \*\* 1/8 inch steel is standard, other materials are available. Delete materials and thicknesses not required.

* + - 1. Material: Steel.
      2. Material: Aluminum.
      3. Material: Stainless steel.
      4. Material: Brass.
      5. Material: Copper.
      6. Material: \_\_\_\_\_.
      7. Material: As indicated on Drawings.
      8. Thickness: 18 gauge (0.0478 inch) (1.21 mm).
      9. Thickness: 14 gauge (0.0747 inch) (1.90 mm).
      10. Thickness: 11 gauge (0.1196 inch) (3.04 mm).
      11. Thickness: 1/8 inch (3.18 mm).
      12. Thickness: 7 gauge (0.1793 inch) (4.55 mm).
      13. Thickness: 3 gauge (0.2391 inch) (6.07 mm).

\*\* NOTE TO SPECIFIER \*\* Powder-coated steel is standard, other finishes are available. Delete finishes not required.

* + - 1. Finish: Powder-coated.
      2. Finish: Brushed, stainless steel.
      3. Polished
      4. Finish: As indicated on Drawings.
      5. Finish: \_\_\_\_\_.

\*\* NOTE TO SPECIFIER \*\* Single panels up to 116 x 56 inches (2946 x 1422 mm) are available. Larger sections can be achieved by mechanically fastening multiple sheets together. Delete size options not required.

* + - 1. Size: \_\_\_\_\_.
      2. Size: As indicated on Drawings.
      3. Size: As required to provide required access.

\*\* NOTE TO SPECIFIER \*\* Delete pattern options not required.

* + - 1. Pattern: \_\_\_\_\_.
      2. Pattern: As selected by Architect from Manufacturer's full range.
      3. Pattern: Custom, as indicated on Drawings.
      4. Pattern: Custom, to be selected by Architect.

\*\* NOTE TO SPECIFIER \*\* Bronze, Antique Bronze, BG38, and GR1031 are not suitable for outdoor use. Delete colors not required.

* + - 1. Color: Bronze.
      2. Color: Antique Bronze.
      3. Color: BR23.
      4. Color: WH120.
      5. Color: Weathered Brown.
      6. Color: Silverado.
      7. Color: BR47.
      8. Color: Oil-Rubbed Bronze.
      9. Color: Dark Roast.
      10. Color: Copper Clad.
      11. Color: Copper Texture.
      12. Color: GR06.
      13. Color: BK59.
      14. Color: BG38.
      15. Color: Almond Texture.
      16. Color: GR1031.
      17. Color: As indicated on Drawings.
      18. Color: As selected by Architect from Manufacturer's full range.

1. EXECUTION
   1. EXAMINATION
      1. Do not begin installation until substrates have been properly constructed and prepared.
      2. If substrate preparation is the responsibility of another installer, notify Architect in writing 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 in accordance with manufacturer's instructions, approved submittals and in proper relationship with adjacent construction.
   4. CLEANING AND PROTECTION
      1. Clean products in accordance with the manufacturers recommendations.
      2. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION