SECTION 10 21 16

SHOWER AND BATH ENCLOSURES

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\*\* NOTE TO SPECIFIER \*\* Cardinal Shower Enclosures; shower and bath enclosures.  
   
 This section is based on the products of Cardinal Shower Enclosures, which is located at:  
4795 Shepherdsville Rd.  
Louisville, KY 40218  
 Toll Free: 800-826-2577  
 Phone: 502-969-4059  
 Fax: 800-313-4195  
 Email: [info@cardinalshower.com](mailto:info@cardinalshower.com)

Web: [www.cardinalshower.com](http://www.cardinalshower.com)

Cardinal Shower Enclosures is a full service domestic manufacturer of shower enclosures, offering an extremely wide selection of models, finishes and glass options, from patterned to cast glass. Our enclosures are engineered to the highest possible standards for maximum reliability, and carry a lifetime guarantee against defects in craftsmanship and materials on extruded aluminum parts. With locations across the U.S., we can reach 80 percent of the population with next-day delivery, and the balance with two or three day service.

With the addition of our 80,000 square foot tempering facility, we can be your single source for enclosures and Venetian Cast Glass. While the industry standard is a 20 percent reject rate for tempered panels, we're running at a less than 1 percent reject rate, virtually eliminating the need for return trips to the job. Our large 160,000 square foot manufacturing facility means we can provide hundreds of enclosures at a time for your large projects. We also produce all of our stunning cast glass in-house, ensuring the best quality for your enclosures and architectural glass applications.  
  
See our SpecWizard: [Click Here](http://www.arcat.com/specwizard/10185car/index.htm)

1. GENERAL
   1. SECTION INCLUDES

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

* + 1. Shower and Bath Enclosures of the Following Types:
       1. Cardinal Series Semi-Frameless Stall Showers with Continuous Hinge Swing Door (CD).
       2. Craftsman Series Framed Stall Showers with Continuous Hinge Swing Door (CRFD).
       3. Craftsman Series Framed Tub Slider (CRTE).
       4. Craftsman Series Framed Shower Slider (CRSE).
       5. Craftsman Builder Series Framed Tub Slider (CRBT).
       6. Craftsman Builder Series Framed Shower Slider (CRBS).
       7. Cardinal/Trojan Builder Series Semi-Frameless Tub Slider (TTE).
       8. Cardinal/Trojan Builder Series Semi-Frameless Shower Slider (TSE).
       9. Cardinal Series Semi-Frameless Tub Slider (TE).
       10. Cardinal Series Semi-Frameless Shower Slider (SE).
       11. Light Euro Series Semi-Frameless Tub Slider (LETE).
       12. Light Euro Series Semi-Frameless Shower Slider (LESE).
       13. Traditional Euro Series Semi-Frameless Tub Slider (TETE).
       14. Traditional Euro Series Semi-Frameless Shower Slider (TESE).
       15. Euro Series Semi-Frameless Tub Slider (ETE).
       16. Euro Series Semi-Frameless Shower Slider (ESE).
       17. Heavy Euro Series Semi-Frameless Tub Slider (HGTE).
       18. Heavy Euro Series Semi-Frameless Shower Slider (HGSE).
       19. Apollo Series Semi-Frameless Tub Slider (ATE).
       20. Apollo Euro Series Semi-Frameless Shower Slider (ASE).
       21. Heavy Apollo Series Semi-Frameless Tub Slider (HATE).
       22. Heavy Apollo Series Semi-Frameless Shower Slider (HASE).
       23. Skyline Series Frameless Enclosure (SKY).
       24. Skyline Ultimate Series Frameless Enclosure (SKYU).
       25. TruFit Semi-Frameless Swing Door Enclosure (TRU).
       26. Heavy Glass Frameless Shower Enclosures.
       27. Custom Powder Coat Colors.
       28. Bath Screen.
  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; blocking.
    2. Section 07 91 26 - Joint Fillers.
    3. Section 09 21 16 - Gypsum Board Shaft Wall Assemblies.
    4. Section 09 30 00 - Tiling.
    5. Section 22 40 00 - Plumbing Fixtures; coordination with plumbing fixtures, shower receptor base.
  1. REFERENCES

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

* + 1. American National Standards Institute (ANSI): ANSI Z97.1 - Safety Glazing Materials Used in Buildings - Safety Performance Specifications and Methods of Test.
    2. Consumer Product and Safety Commission (CPSC): 16CFR1201 II - Safety Standard for Architectural Glazing Materials.
    3. American Society of Testing and Materials (ASTM): ASTM C 1048 - Standard Specification for Heat-Treated Flat Glass, Kind HS, Kind FT Coated and Uncoated Glass.
    4. United States Federal Specifications(USFS): DD-G-1403B - Federal Specification, Glass, Float, Sheet, Figured, Coated, (Heat Strengthened and Tempered).
    5. ADA and ABA Accessibility Guidelines for Buildings and Facilities.
  1. SUBMITTALS
     1. Submit under provisions of Section 01 30 00.
     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.
     3. Shop drawings showing dimensions, method of attachment, and required supports.

\*\* 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. Source quality control factory test for metal hardness, finish and dimensional tolerance.
     2. Shower and bath enclosures shall be provided and installed in compliance with ANSI Z.97.1, CPSC 16CFR1201 II, ASTM C1048, and USFS DD-G-1403B.

\*\* 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. Delete if not required

* + 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. Deliver units to job site door assembled and ready for installation to the greatest extent practical.
     3. Store off ground, under cover, protected from weather and construction activities.
     4. Do not lay glass flat either in transport or stage.
  2. 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 absolute limits.
  3. WARRANTY
     1. Manufacturer's Warranty: Provide manufacturer's standard warranty for shower and bath enclosures and warranty for any optional glass surface protection system selected.

1. PRODUCTS
   1. MANUFACTURERS
      1. Acceptable Manufacturer: Cardinal Shower Enclosures, which is located at: 4795 Shepherdsville Rd.; Louisville, KY 40218; Toll Free Tel: 800-826-2577; Tel: 502-969-4059; Fax: 800-313-4195; Email: [request info (livermore@cardinalshower.com)](http://admin.arcat.com/users.pl?action=UserEmail&company=Cardinal+Shower+Enclosures&coid=45747&rep=&fax=800-313-4195&message=RE:%20Spec%20Question%20(10185car):%20%20&mf=); Web: [www.cardinalshower.com](http://www.cardinalshower.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.
  1. SHOWER AND BATH ENCLOSURES

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

* + 1. Cardinal Series Semi-Frameless Stall Showers with Continuous Hinge Swing Doors:

\*\* NOTE TO SPECIFIER \*\* Single Door (CD) enclosure standard heights are listed below. These have different standard heights than other Semi-Frameless Stall Showers with additional panels because they do not require a header. Custom heights available. Delete height options not required.

* + - 1. Height: 66 5/8 inches (1693 mm).
      2. Height: 69 5/8 inches (1769 mm).
      3. Height: 72 5/8 inches (1845 mm).
      4. Height: 77 5/8 inches (1972 mm).
      5. Height: 87 5/8 inches (2226 mm).

\*\* NOTE TO SPECIFIER \*\* Enclosures with Semi-Frameless Door and one or more panels standard heights are listed below. Custom heights available. Delete height options not required.

* + - 1. Height: 69 inches (1753 mm).
      2. Height: 72 inches (1829 mm).
      3. Height: 75 inches (1905 mm).
      4. Height: 80 inches (2032 mm).
      5. Height: 90 inches (2286 mm).
      6. Height: As selected by Architect from manufacturer's full range of standard available height options.
      7. Height: As indicated on the Drawings.

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

* + - 1. Configuration: Semi-Frameless Enclosure with Single door (CD) as manufactured by Cardinal Shower Enclosures.
      2. Configuration: Semi-Frameless Enclosure with Door and inline panel (CD-I) as manufactured by Cardinal Shower Enclosures.
      3. Configuration: Semi-Frameless Enclosure with Door and 90o return panel (CD-90) as manufactured by Cardinal Shower Enclosures.
      4. Configuration: Semi-Frameless Enclosure with Door and inline and 90o return panel (CD-I-90) as manufactured by Cardinal Shower Enclosures.
      5. Configuration: Semi-Frameless Enclosure with Door and neo-angle panels (CD-NEO) as manufactured by Cardinal Shower Enclosures.
      6. Configuration: Semi-Frameless Enclosure with custom configuration including a Cardinal Series Continuous Hinge Door (CD) as indicated on the Drawings, manufactured by Cardinal Shower Enclosures.

\*\* NOTE TO SPECIFIER \*\* If ordering a Venetian Cast Glass Pull, note that the standoffs are not available in Antique or White finish. For comparison and details of the aluminum extrusion finishes available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete aluminum extrusion finish options not required.

* + - 1. Aluminum extrusion finish: Antique.
      2. Aluminum extrusion finish: Brushed Nickel.
      3. Aluminum extrusion finish: Chrome.
      4. Aluminum extrusion finish: Gold.
      5. Aluminum extrusion finish: Oil Rubbed Bronze.
      6. Aluminum extrusion finish: Roman Bronze.
      7. Aluminum extrusion finish: Satin.
      8. Aluminum extrusion finish: White.
      9. Aluminum extrusion finish: Custom Powder Coat (color specified below).

\*\* NOTE TO SPECIFIER \*\* Select the type of header profile for the shower enclosure. For comparison and details of the header styles available for Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete header options not required.

* + - 1. Header Style: Standard style shower enclosure header profile (ZSS 3101).
      2. Header Style: Euro style shower enclosure header profile (ZSS 2101).
      3. Header Style: Apollo style shower enclosure header profile (ZSS 8101)
      4. Header Style: No header required for Single Door (CD) enclosure.

\*\* NOTE TO SPECIFIER \*\* Hardware types are specified separately in this section. Hardware finish will match the aluminum extrusion finish. Delete options not required.

* + - 1. Hardware: Wrap Around Pull, Standard.
      2. Hardware: 6 inch Back-to-Back C-Pull.
      3. Hardware: 8 inch Back-to-Back C-Pull.
      4. Hardware: 6 inch Apollo Style Back-to-Back C-Pull.
      5. Hardware: 8 inch Apollo Style Back-to-Back C-Pull.
      6. Hardware: Towel Bar/Pull Combo.
      7. Hardware: Custom.

\*\* NOTE TO SPECIFIER \*\* If selecting a Venetian Cast Glass pull, you must select the pull style, the pull color, and the type of hardware for the inside of the enclosure. Delete options not required.

* + - 1. Hardware - Outside Enclosure: Venetian Cast Glass Pull, 360 style.
      2. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Arrow style.
      3. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Aspen Leaf style.
      4. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Aztec style.
      5. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Bear style.
      6. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Blade style.
      7. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Cactus style.
      8. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Cat style.
      9. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Crescent Wave style.
      10. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Dolphin style.
      11. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Eiffel Tower style.
      12. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Ellipse style.
      13. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Fleur-de-lis style.
      14. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Giraffe style.
      15. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Guitar style.

\*\* NOTE TO SPECIFIER \*\* On a custom basis, Cardinal Shower Enclosures can match the shape, size and design of nearly any guitar model. Fill in the blank below with a description of the desired guitar. Delete if not required.

* + - 1. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Guitar to match model \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
      2. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Keystone style.
      3. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Lighthouse style.
      4. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Maple Leaf style.
      5. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Oak Leaf style.
      6. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Palm Tree style.
      7. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Penguin style.
      8. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Pineapple style.
      9. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Rectangle style.
      10. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Sand Dollar style.
      11. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Shell style.
      12. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Sunflower style.
      13. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Surfboard style.
      14. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Texas style.
      15. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Trout style.
      16. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Wolf style.
      17. Hardware - Outside Enclosure: Venetian Cast Glass Pull, custom design, as indicated in Drawings.
      18. Hardware - Outside Enclosure: As selected by Architect from manufacturer's full range of standard available retrofit pull shapes options.
      19. Hardware - Venetian Cast Glass Pull Color: Clear, 3/8 inch (9.5 mm) thick.
      20. Hardware - Venetian Cast Glass Pull Color: Starphire (Optically Clear), 3/8 inch (9.5 mm) thick.
      21. Hardware - Venetian Cast Glass Pull Color: Solexia (Green) , 3/8 inch (9.5 mm) thick.
      22. Hardware - Venetian Cast Glass Pull Color: Azuria (Blue) , 3/8 inch (9.5 mm) thick.
      23. Hardware - Venetian Cast Glass Pull Color: Rosetta (Salmon Pink) , 3/8 inch (9.5 mm) thick.
      24. Hardware - Venetian Cast Glass Pull Color: Bronze, 3/8 inch (9.5 mm) thick.
      25. Hardware - Venetian Cast Glass Pull Color: Smoke, 3/8 inch (9.5 mm) thick.
      26. Hardware - Inside Enclosure: 6 inch C-Pull.
      27. Hardware - Inside Enclosure: 8 inch C-Pull.
      28. Hardware - Inside Enclosure: Knob.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the glass types and colors available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete glass options not required.

* + - 1. Glass Type: Clear, 3/16 inch (4.75 mm) thick, Standard.
      2. Glass Type: Aquatex, 5/32 inch (4.75 mm) thick door glass and 3/16 inch (4.75 mm) thick panel glass.
      3. Glass Type: Obscure (P516), 3/16 inch (4.75 mm) thick, Standard.
      4. Glass Type: Rain, 3/16 inch (4.75 mm) thick, Standard.
      5. Glass Type: Aquatex, 3/16 inch (4.75 mm) thick.
      6. Glass Type: Bamboo, 3/16 inch (4.75 mm) thick.
      7. Glass Type: Glue Chip, 3/16 inch (4.75 mm) thick.
      8. Glass Type: Autumn, 1/4 inch (6.35 mm) thick.
      9. Glass Type: Bronze, 1/4 inch (6.35 mm) thick.
      10. Glass Type: Clear, 1/4 inch (6.35 mm) thick door glass
      11. Glass Type: Clear, 1/4 inch (6.35 mm) thick door glass and 3/16 inch (4.75 mm) thick panel glass.
      12. Glass Type: Everglade, 1/4 inch (6.35 mm) thick.
      13. Glass Type: Glacier, 1/4 inch (6.35 mm) thick.
      14. Glass Type: Glue Chip, 1/4 inch (6.35 mm) thick.
      15. Glass Type: Rain, 1/4 inch (6.35 mm) thick.
      16. Glass Type: Reeded, 1/4 inch (6.35 mm) thick.
      17. Glass Type: Satin, 1/4 inch (6.35 mm) thick.
      18. Glass Type: Starphire, 1/4 inch (6.35 mm) thick.
      19. Glass Type: Smoke, 1/4 inch (6.35 mm) thick.
      20. Glass Type: Clear with Shower Guard, 1/4 inch (6.35 mm) thick.
      21. Glass Type: As selected by Architect from manufacturer's full range of standard available glass options.
      22. Glass Type: As indicated on the Drawings.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the different surface protection systems available with Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete surface protection system options not required.

* + - 1. Surface Protection System for Glass: Cardinal 10 Surface Protection as manufactured by Cardinal Shower Enclosures.
      2. Surface Protection System for Glass: Not required.
      3. Surface Protection System for Glass: As selected by Architect from manufacturer's full range of standard available surface treatments.
      4. Surface Protection System for Glass: As indicated on the Drawings.
    1. Craftsman Series Framed Stall Showers with Continuous Hinge Swing Doors:

\*\* NOTE TO SPECIFIER \*\* Single Door (CRFD) enclosure standard heights are listed below. These have different standard heights than other Framed Stall Showers with Continuous Hinge Doors because they do not require a header. Custom heights available. Delete height options not required

* + - 1. Height: 64 7/16 inches (1637 mm) .
      2. Height: 67 inches (1702 mm).
      3. Height: 70 inches (1778 mm).
      4. Height: 73 inches (1854 mm).
      5. Height: 78 inches (1981 mm).
      6. Height: 88 inches (2235 mm).

\*\* NOTE TO SPECIFIER \*\* Enclosures with Framed Door and one or more panels standard heights are listed below. Custom heights available. Delete height options not required.

* + - 1. Height: 69 inches (1753 mm).
      2. Height: 72 inches (1829 mm).
      3. Height: 75 inches (1905 mm).
      4. Height: 80 inches (2032 mm).
      5. Height: 90 inches (2286 mm).
      6. Height: As selected by Architect from manufacturer's full range of standard available height options.
      7. Height: As indicated on the Drawings.

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

* + - 1. Configuration: Framed Enclosure with Single Door (CRFD) as manufactured by Cardinal Shower Enclosures.
      2. Configuration: Framed Enclosure with Door and inline panel (CRFD-I) as manufactured by Cardinal Shower Enclosures.
      3. Configuration: Framed Enclosure with Door and 90o return panel (CRFD-90) as manufactured by Cardinal Shower Enclosures.
      4. Configuration: Framed Enclosure with Door and inline and 90o return panel (CRFD-I-90) as manufactured by Cardinal Shower Enclosures.
      5. Configuration: Framed Enclosure with Door and neo-angle panels (CRFD-NEO) as manufactured by Cardinal Shower Enclosures.
      6. Configuration: Custom configuration including a Craftsman Series Framed Continuous Hinge Door (CRFD) as indicated on the Drawings, manufactured by Cardinal Shower Enclosures.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the aluminum extrusion finishes available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete aluminum extrusion finish options not required.

* + - 1. Aluminum extrusion finish: Brushed Nickel.
      2. Aluminum extrusion finish: Chrome.
      3. Aluminum extrusion finish: Gold.
      4. Aluminum extrusion finish: Oil Rubbed Bronze.
      5. Aluminum extrusion finish: Roman Bronze.
      6. Aluminum extrusion finish: Satin.
      7. Aluminum extrusion finish: Custom Powder Coat (color specified below).

\*\* NOTE TO SPECIFIER \*\* Select the type of header profile for the shower enclosure. For comparison and details of the header styles available for Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete header options not required.

* + - 1. Header Style: Standard style shower enclosure header profile (ZSS 3101).
      2. Header Style: Euro style shower enclosure header profile (ZSS 2101).
      3. Header Style: Apollo style shower enclosure header profile (ZSS 8101).
      4. Header Style: No header required for Single Door (CRFD) enclosure.

\*\* NOTE TO SPECIFIER \*\* Hardware types are specified separately in this section. Delete options not required. Hardware finish will match the aluminum extrusion finish.

* + - 1. Hardware: Stock Craftsman Series Pull, Standard.
      2. Hardware: Slimline Pull.
      3. Hardware: 6 inch Back-to-Back C-Pull.
      4. Hardware: 8 inch Back-to-Back C-Pull.
      5. Hardware: 6 inch Apollo Style Back-to-Back C-Pull.
      6. Hardware: 8 inch Apollo Style Back-to-Back C-Pull.
      7. Hardware: Towel Bar/Pull Combo.
      8. Hardware: Venetian Cast Glass Pull: Model specified below.
      9. Hardware: Custom.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the glass types and colors available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete glass options not required.   
 \*\* NOTE TO SPECIFIER \*\* Use one of the next three options when selecting stock glass for units with a swing door and no additional panels.

* + - 1. Glass Type: Clear, 5/32 inch (4.75 mm) thick door glass, Standard.
      2. Glass Type: Obscure (P516), 5/32 inch (4.75 mm) thick door glass, Standard.
      3. Glass Type: Rain, 5/32 inch (4.75 mm) thick door glass, Standard.

\*\* NOTE TO SPECIFIER \*\* Use one of the next three options when selecting stock glass for units with a swing door and additional glass panels.

* + - 1. Glass Type: Clear, 5/32 inch (4.75 mm) thick door glass and 3/16 inch (4.75 mm) thick panel glass, Standard.
      2. Glass Type: Obscure (P516), 5/32 inch (4.75 mm) thick door glass and 3/16 inch (4.75 mm) thick panel glass, Standard.
      3. Glass Type: Rain, 5/32 inch (4.75 mm) thick door glass and 3/16 inch (4.75 mm) thick panel glass, Standard.
      4. Glass Type: Aquatex, 5/32 inch (4.75 mm) thick door glass and 3/16 inch (4.75 mm) thick panel glass.
      5. Glass Type: Clear, 3/16 inch (4.75 mm) thick.
      6. Glass Type: Obscure (P516), 3/16 inch (4.75 mm) thick.
      7. Glass Type: Rain, 3/16 inch (4.75 mm) thick.
      8. Glass Type: Aquatex, 3/16 inch (4.75 mm) thick.
      9. Glass Type: Bamboo, 3/16 inch (4.75 mm) thick.
      10. Glass Type: Glue Chip, 3/16 inch (4.75 mm) thick.
      11. Glass Type: Autumn, 1/4 inch (6.35 mm) thick.
      12. Glass Type: Bronze, 1/4 inch (6.35 mm) thick.
      13. Glass Type: Clear, 1/4 inch (6.35 mm) thick door glass
      14. Glass Type: Clear, 1/4 inch (6.35 mm) thick door glass and 3/16 inch (4.75 mm) thick panel glass.
      15. Glass Type: Everglade, 1/4 inch (6.35 mm) thick.
      16. Glass Type: Glacier, 1/4 inch (6.35 mm) thick.
      17. Glass Type: Glue Chip, 1/4 inch (6.35 mm) thick.
      18. Glass Type: Rain, 1/4 inch (6.35 mm) thick.
      19. Glass Type: Reeded, 1/4 inch (6.35 mm) thick.
      20. Glass Type: Satin, 1/4 inch (6.35 mm) thick.
      21. Glass Type: Starphire, 1/4 inch (6.35 mm) thick.
      22. Glass Type: Smoke, 1/4 inch (6.35 mm) thick.
      23. Glass Type: Clear with Shower Guard, 1/4 inch (6.35 mm) thick.
      24. Glass Type: As selected by Architect from manufacturer's full range of standard available glass options.
      25. Glass Type: As indicated on the Drawings.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the different surface protection systems available with Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete surface protection system options not required.

* + - 1. Surface Protection System for Glass: Cardinal 10 Surface Protection as manufactured by Cardinal Shower Enclosures.
      2. Surface Protection System for Glass: Not required.
      3. Surface Protection System for Glass: As selected by Architect from manufacturer's full range of standard available surface treatments.
      4. Surface Protection System for Glass: As indicated on the Drawings.

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

* + 1. Craftsman Series Framed Tub Sliders:

\*\* NOTE TO SPECIFIER \*\* Custom heights available. Delete height options not required.

* + - 1. Height: 54 1/2 inches (1384 mm).
      2. Height: 56 1/2 inches (1435 mm).
      3. Height: 58 5/8 inches (1489 mm).
      4. Height: As selected by Architect from manufacturer's full range of standard available height options.
      5. Height: As indicated on the Drawings.

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

* + - 1. Configuration: Framed tub slider (CRTE) as manufactured by Cardinal Shower Enclosures.
      2. Configuration: Framed tub slider with inline panel (CRTE-I) as manufactured by Cardinal Shower Enclosures.
      3. Configuration: Framed tub slider with two inline panels (CRTE-2) as manufactured by Cardinal Shower Enclosures.
      4. Configuration: Framed tub slider with 90o return panel (CRTE-3) as manufactured by Cardinal Shower Enclosures.
      5. Configuration: Framed tub slider with neo-angle panels (CRTE-4) as manufactured by Cardinal Shower Enclosures.
      6. Configuration: Custom configuration including a Craftsman Series Framed Tub Slider (CRTE) door as indicated on the Drawings, manufactured by Cardinal Shower Enclosures.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the aluminum extrusion finishes available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete aluminum extrusion finish options not required.

* + - 1. Aluminum extrusion finish: Brushed Nickel.
      2. Aluminum extrusion finish: Chrome.
      3. Aluminum extrusion finish: Gold.
      4. Aluminum extrusion finish: Oil Rubbed Bronze.
      5. Aluminum extrusion finish: Roman Bronze.
      6. Aluminum extrusion finish: Satin.
      7. Aluminum extrusion finish: Custom Powder Coat (color specified below).

\*\* NOTE TO SPECIFIER \*\* Hardware types are specified separately in this section. Delete options not required. Hardware finish will match the aluminum extrusion finish. Please check applicable building codes as some may not permit the use of a second towel bar on the inside of the shower enclosure.

* + - 1. Hardware: Single Towel Bar on the outside of the enclosure and a Pull on the inside of the enclosure.
      2. Hardware: Single Towel Bar on the outside and inside of the enclosure.
      3. Hardware: Through-the-glass Towel Bar and Knob.
      4. Hardware: Through-the-glass Towel Bar and Knob with Recessed Finger Pulls.
      5. Hardware: Custom.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the glass types and colors available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete glass options not required.   
 \*\* NOTE TO SPECIFIER \*\* Use one of the next three options when selecting stock glass for units with sliding doors and no additional panels.

* + - 1. Glass Type: Clear, 5/32 inch (4.75 mm) thick door glass, Standard.
      2. Glass Type: Obscure (P516), 5/32 inch (4.75 mm) thick door glass, Standard.
      3. Glass Type: Rain, 5/32 inch (4.75 mm) thick door glass, Standard.

\*\* NOTE TO SPECIFIER \*\* Use one of the next three options when selecting stock glass for units with sliding doors and additional glass panels.

* + - 1. Glass Type: Clear, 5/32 inch (4.75 mm) thick door glass and 3/16 inch (4.75 mm) thick panel glass, Standard.
      2. Glass Type: Obscure (P516), 5/32 inch (4.75 mm) thick door glass and 3/16 inch (4.75 mm) thick panel glass, Standard.
      3. Glass Type: Rain, 5/32 inch (4.75 mm) thick door glass and 3/16 inch (4.75 mm) thick panel glass, Standard.
      4. Glass Type: Aquatex, 5/32 inch (4.75 mm) thick door glass and 3/16 inch (4.75 mm) thick panel glass.
      5. Glass Type: Clear, 3/16 inch (4.75 mm) thick, Standard.
      6. Glass Type: Obscure (P516), 3/16 inch (4.75 mm) thick, Standard.
      7. Glass Type: Rain, 3/16 inch (4.75 mm) thick, Standard.
      8. Glass Type: Aquatex, 3/16 inch (4.75 mm) thick.
      9. Glass Type: Bamboo, 3/16 inch (4.75 mm) thick.
      10. Glass Type: Glue Chip, 3/16 inch (4.75 mm) thick.
      11. Glass Type: Autumn, 1/4 inch (6.35 mm) thick.
      12. Glass Type: Bronze, 1/4 inch (6.35 mm) thick.
      13. Glass Type: Clear, 1/4 inch (6.35 mm) thick door glass
      14. Glass Type: Clear, 1/4 inch (6.35 mm) thick door glass and 3/16 inch (4.75 mm) thick panel glass.
      15. Glass Type: Everglade, 1/4 inch (6.35 mm) thick.
      16. Glass Type: Glacier, 1/4 inch (6.35 mm) thick.
      17. Glass Type: Glue Chip, 1/4 inch (6.35 mm) thick.
      18. Glass Type: Rain, 1/4 inch (6.35 mm) thick.
      19. Glass Type: Reeded, 1/4 inch (6.35 mm) thick.
      20. Glass Type: Satin, 1/4 inch (6.35 mm) thick.
      21. Glass Type: Starphire, 1/4 inch (6.35 mm) thick.
      22. Glass Type: Smoke, 1/4 inch (6.35 mm) thick.
      23. Glass Type: Clear with Shower Guard, 1/4 inch (6.35 mm) thick.
      24. Glass Type: As selected by Architect from manufacturer's full range of standard available glass options.
      25. Glass Type: As indicated on the Drawings.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the different surface protection systems available with Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete surface protection system options not required.

* + - 1. Surface Protection System for Glass: Cardinal 10 Surface Protection as manufactured by Cardinal Shower Enclosures.
      2. Surface Protection System for Glass: Not required.
      3. Surface Protection System for Glass: As selected by Architect from manufacturer's full range of standard available surface treatments.
      4. Surface Protection System for Glass: As indicated on the Drawings.

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

* + 1. Craftsman Series Framed Shower Sliders:

\*\* NOTE TO SPECIFIER \*\* Custom heights available. Delete height options not required.

* + - 1. Height: 65 1/2 inches (1664 mm).
      2. Height: 68 inches (1740 mm).
      3. Height: 71 inches (1803 mm).
      4. Height: 75 inches (1905 mm).
      5. Height: 80 inches (2032 mm).
      6. Height: 90 inches (2286 mm).
      7. Height: As selected by Architect from manufacturer's full range of standard available height options.
      8. Height: As indicated on the Drawings.

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

* + - 1. Configuration: Framed shower slider (CRSE) as manufactured by Cardinal Shower Enclosures.
      2. Configuration: Framed shower slider with inline panel (CRSE-I) as manufactured by Cardinal Shower Enclosures.
      3. Configuration: Framed shower slider with two inline panels (CRSE-2) as manufactured by Cardinal Shower Enclosures.
      4. Configuration: Framed shower slider with 90o return panel (CRSE-3) as manufactured by Cardinal Shower Enclosures.
      5. Configuration: Framed shower slider with neo-angle panels (CRSE-4) as manufactured by Cardinal Shower Enclosures.
      6. Configuration: Custom configuration including a Craftsman Series Framed Shower Slider (CRSE) as indicated on the Drawings, manufactured by Cardinal Shower Enclosures.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the aluminum extrusion finishes available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete aluminum extrusion finish options not required.

* + - 1. Aluminum extrusion finish: Brushed Nickel.
      2. Aluminum extrusion finish: Chrome.
      3. Aluminum extrusion finish: Gold.
      4. Aluminum extrusion finish: Oil Rubbed Bronze.
      5. Aluminum extrusion finish: Roman Bronze.
      6. Aluminum extrusion finish: Satin.
      7. Aluminum extrusion finish: Custom Powder Coat (color specified below).

\*\* NOTE TO SPECIFIER \*\* Hardware types are specified separately in this section. Delete options not required. Hardware finish will match the aluminum extrusion finish.

* + - 1. Hardware: Single Towel Bar on the outside of the enclosure and a Pull on the inside of the enclosure.
      2. Hardware: Single Towel Bar on the outside and inside of the enclosure.
      3. Hardware: Through-the-glass Towel Bar and Knob.
      4. Hardware: Through-the-glass Towel Bar and Knob with Recessed Finger Pulls.
      5. Hardware: Custom.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the glass types and colors available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete glass options not required.   
 \*\* NOTE TO SPECIFIER \*\* Use one of the next three options when selecting stock glass for units with sliding doors and no additional panels.

* + - 1. Glass Type: Clear, 5/32 inch (4.75 mm) thick door glass, Standard.
      2. Glass Type: Obscure (P516), 5/32 inch (4.75 mm) thick door glass, Standard.
      3. Glass Type: Rain, 5/32 inch (4.75 mm) thick door glass, Standard.

\*\* NOTE TO SPECIFIER \*\* Use one of the next three options when selecting stock glass for units with sliding doors and additional glass panels.

* + - 1. Glass Type: Clear, 5/32 inch (4.75 mm) thick door glass and 3/16 inch (4.75 mm) thick panel glass, Standard.
      2. Glass Type: Obscure (P516), 5/32 inch (4.75 mm) thick door glass and 3/16 inch (4.75 mm) thick panel glass, Standard.
      3. Glass Type: Rain, 5/32 inch (4.75 mm) thick door glass and 3/16 inch (4.75 mm) thick panel glass, Standard.
      4. Glass Type: Clear, 3/16 inch (4.75 mm) thick, Standard.
      5. Glass Type: Obscure (P516), 3/16 inch (4.75 mm) thick, Standard.
      6. Glass Type: Rain, 3/16 inch (4.75 mm) thick, Standard.
      7. Glass Type: Aquatex, 3/16 inch (4.75 mm) thick.
      8. Glass Type: Bamboo, 3/16 inch (4.75 mm) thick.
      9. Glass Type: Glue Chip, 3/16 inch (4.75 mm) thick.
      10. Glass Type: Autumn, 1/4 inch (6.35 mm) thick.
      11. Glass Type: Bronze, 1/4 inch (6.35 mm) thick.
      12. Glass Type: Clear, 1/4 inch (6.35 mm) thick door glass
      13. Glass Type: Clear, 1/4 inch (6.35 mm) thick door glass and 3/16 inch (4.75 mm) thick panel glass.
      14. Glass Type: Everglade, 1/4 inch (6.35 mm) thick.
      15. Glass Type: Glacier, 1/4 inch (6.35 mm) thick.
      16. Glass Type: Glue Chip, 1/4 inch (6.35 mm) thick.
      17. Glass Type: Rain, 1/4 inch (6.35 mm) thick.
      18. Glass Type: Reeded, 1/4 inch (6.35 mm) thick.
      19. Glass Type: Satin, 1/4 inch (6.35 mm) thick.
      20. Glass Type: Starphire, 1/4 inch (6.35 mm) thick.
      21. Glass Type: Smoke, 1/4 inch (6.35 mm) thick.
      22. Glass Type: Clear with Shower Guard, 1/4 inch (6.35 mm) thick.
      23. Glass Type: As selected by Architect from manufacturer's full range of standard available glass options.
      24. Glass Type: As indicated on the Drawings.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the different surface protection systems available with Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete surface protection system options not required.

* + - 1. Surface Protection System for Glass: Cardinal 10 Surface Protection as manufactured by Cardinal Shower Enclosures.
      2. Surface Protection System for Glass: Not required.
      3. Surface Protection System for Glass: As selected by Architect from manufacturer's full range of standard available surface treatments.
      4. Surface Protection System for Glass: As indicated on the Drawings.

\*\* NOTE TO SPECIFIER \*\* Craftsman Builder Series Enclosures by Cardinal Shower Enclosures are made from stock glass and materials and does not include any custom size options, and are available with one type of hardware and finish. Not all widths available in all heights. For a complete list of the stock sizes available, see manufacturer's literature. Delete if not required.

* + 1. Craftsman Builder Series Framed Tub Sliders:

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

* + - 1. Height: 53 1/4 inches (1346 mm).
      2. Height: 55 1/4 inches (1403 mm).
      3. Height: 57-3/8 inches (1457 mm).
      4. Height: As selected by Architect from manufacturer's full range of standard available height options.

\*\* NOTE TO SPECIFIER \*\* The Craftsman Builder Series is only available in one configuration, finish and hardware option.

* + - 1. Configuration: Framed tub slider (CRBT) as manufactured by Cardinal Shower Enclosures.
      2. Aluminum Extrusion Finish: Chrome.
      3. Hardware: Single Towel Bar on the outside and inside of the enclosure.

\*\* NOTE TO SPECIFIER \*\* The Snap-In Retainer is an optional safety feature to help prevent the sliding doors from coming off the track. Delete if not required.

* + - 1. Use Snap-In Retainer, manufactured by Cardinal Shower Enclosures.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the glass types and colors available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete glass options not required.

* + - 1. Glass Type: Clear, 5/32 inch (4.75 mm) thick door glass, Standard.
      2. Glass Type: Obscure (P516), 5/32 inch (4.75 mm) thick door glass, Standard.
      3. Glass Type: Rain, 5/32 inch (4.75 mm) thick door glass, Standard.

\*\* NOTE TO SPECIFIER \*\* Craftsman Builder Series Enclosures by Cardinal Shower Enclosures are made from stock glass and materials and does not include any custom size options, and are available with one type of hardware and finish. Not all widths available in all heights. For a complete list of the stock sizes available, see manufacturer's literature. Delete if not required.

* + 1. Craftsman Builder Series Framed Shower Sliders:

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

* + - 1. Height: 64 3/4 inches (1645 mm).
      2. Height: 66 3/4 inches (1695 mm).
      3. Height: 69 3/4 inches (1772 mm).

Height: As selected by Architect from manufacturer's full range of standard available height options.\*\* NOTE TO SPECIFIER \*\* The Craftsman Builder Series is only available in one configuration, finish and hardware option.

* + - 1. Configuration: Framed shower slider (CRBS) as manufactured by Cardinal Shower Enclosures.
      2. Aluminum Extrusion Finish: Chrome.
      3. Hardware: Single Towel Bar on the outside and inside of the enclosure.

\*\* NOTE TO SPECIFIER \*\* The Snap-In Retainer is an optional safety feature to help prevent the sliding doors from coming off the track. Delete if not required.

* + - 1. Use Snap-In Retainer, manufactured by Cardinal Shower Enclosures.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the glass types and colors available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete glass options not required.

* + - 1. Glass Type: Clear, 5/32 inch (4.75 mm) thick door glass, Standard.
      2. Glass Type: Obscure (P516), 5/32 inch (4.75 mm) thick door glass, Standard.
      3. Glass Type: Rain, 5/32 inch (4.75 mm) thick door glass, Standard.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the different surface protection systems available with Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete surface protection system options not required.

* + - 1. Surface Protection System for Glass: Cardinal 10 Surface Protection as manufactured by Cardinal Shower Enclosures.
      2. Surface Protection System for Glass: Not required.
      3. Surface Protection System for Glass: As selected by Architect from manufacturer's full range of standard available surface treatments.
      4. Surface Protection System for Glass: As indicated on the Drawings.

\*\* NOTE TO SPECIFIER \*\* The Cardinal Builder Series (East Coast Name) or Trojan Builder Series (West Coast Name) Enclosures by Cardinal Shower Enclosures are made from stock glass and materials and does not include any custom size options, and are available with one type of hardware and two finishes. Not all widths available in all heights. For a complete list of the stock sizes available, see manufacturer's literature. Delete if not required.

* + 1. Cardinal/Trojan Builder Series Semi-Frameless Tub Sliders:

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

* + - 1. Height: 54 3/8 inches (1381 mm).
      2. Height: 55 3/8 inches (1407 mm).
      3. Height: 56 3/8 inches (1432 mm).
      4. Height: 57 3/8 inches (1457 mm).
      5. Height: 60 inches (1524 mm).
      6. Height: 62 3/8 inches (1584 mm).
      7. Height: As selected by Architect from manufacturer's full range of standard available height options.

\*\* NOTE TO SPECIFIER \*\* The Cardinal/Trojan Builder Series is only available in one configuration and hardware type.

* + - 1. Configuration: Cardinal/Trojan Builder Series Semi-Frameless tub slider as manufactured by Cardinal Shower Enclosures.
      2. Hardware: Double Towel Bar on the outside of the enclosure and a pull on the inside of the enclosure.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the aluminum extrusion finishes available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete aluminum extrusion finish options not required.

* + - 1. Aluminum extrusion finish: Chrome.
      2. Aluminum extrusion finish: Gold.

\*\* NOTE TO SPECIFIER \*\* The Snap-In Retainer is an optional safety feature to help prevent the sliding doors from coming off the track. Delete if not required.

* + - 1. Use Snap-In Retainer, manufactured by Cardinal Shower Enclosures.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the glass types and colors available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete glass options not required.

* + - 1. Glass Type: Clear, 3/16 inch (4.75 mm) thick, Standard.
      2. Glass Type: Obscure (P516), 3/16 inch (4.75 mm) thick, Standard.
      3. Glass Type: Rain, 3/16 inch (4.75 mm) thick, Standard.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the different surface protection systems available with Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete surface protection system options not required.

* + - 1. Surface Protection System for Glass: Cardinal 10 Surface Protection as manufactured by Cardinal Shower Enclosures.
      2. Surface Protection System for Glass: Not required.
      3. Surface Protection System for Glass: As selected by Architect from manufacturer's full range of standard available surface treatments.
      4. Surface Protection System for Glass: As indicated on the Drawings.

\*\* NOTE TO SPECIFIER \*\* The Cardinal Builder Series (East Coast Name) or Trojan Builder Series (West Coast Name) Enclosures by Cardinal Shower Enclosures are made from stock glass and materials and does not include any custom size options, and are available with one type of hardware and two finishes. For a complete list of the stock sizes available, see manufacturer's literature. Delete if not required.

* + 1. Cardinal/Trojan Builder Series Semi-Frameless Shower Sliders:

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

* + - 1. Height: 65 3/8 inches (1661 mm).
      2. Height: 67 3/8 inches (1711 mm).
      3. Height: 70 3/8 inches (1788 mm).
      4. Height: As selected by Architect from manufacturer's full range of standard available height options.

\*\* NOTE TO SPECIFIER \*\* The Cardinal/Trojan Builder Series is only available in one configuration and hardware type.

* + - 1. Configuration: Cardinal/Trojan Builder Series Semi-Frameless shower slider as manufactured by Cardinal Shower Enclosures.
      2. Hardware: Double Towel Bar on the outside of the enclosure and a pull on the inside of the enclosure.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the aluminum extrusion finishes available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete aluminum extrusion finish options not required.

* + - 1. Aluminum extrusion finish: Chrome.
      2. Aluminum extrusion finish: Gold.

\*\* NOTE TO SPECIFIER \*\* The Snap-In Retainer is an optional safety feature to help prevent the sliding doors from coming off the track. Delete if not required.

* + - 1. Use Snap-In Retainer, manufactured by Cardinal Shower Enclosures.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the glass types and colors available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete glass options not required.

* + - 1. Glass Type: Clear, 3/16 inch (4.75 mm) thick, Standard.
      2. Glass Type: Obscure (P516), 3/16 inch (4.75 mm) thick, Standard.
      3. Glass Type: Rain, 3/16 inch (4.75 mm) thick, Standard.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the different surface protection systems available with Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete surface protection system options not required.

* + - 1. Surface Protection System for Glass: Cardinal 10 Surface Protection as manufactured by Cardinal Shower Enclosures.
      2. Surface Protection System for Glass: Not required.
      3. Surface Protection System for Glass: As selected by Architect from manufacturer's full range of standard available surface treatments.
      4. Surface Protection System for Glass: As indicated on the Drawings.

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

* + 1. Cardinal Series Semi-Frameless Tub Sliders:

\*\* NOTE TO SPECIFIER \*\* Custom heights available. Delete height options not required.

* + - 1. Height: 54 3/8 inches (1381 mm)
      2. Height: 55 3/8 inches (1407 mm).
      3. Height: 56 3/8 inches (1432 mm).
      4. Height: 57 3/8 inches (1457 mm).
      5. Height: 60 inches (1524 mm).
      6. Height: 62 3/8 inches (1584 mm).
      7. Height: As selected by Architect from manufacturer's full range of standard available height options.
      8. Height: As indicated on the Drawings.

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

* + - 1. Configuration: Semi-Frameless tub slider (TE) as manufactured by Cardinal Shower Enclosures.
      2. Configuration: Semi-Frameless tub slider with inline panel (TE-I) as manufactured by Cardinal Shower Enclosures.
      3. Configuration: Semi-Frameless tub slider with two inline panels (TE-2) as manufactured by Cardinal Shower Enclosures.
      4. Configuration: Semi-Frameless tub slider with 90o return panel (TE-3) as manufactured by Cardinal Shower Enclosures.
      5. Configuration: Semi-Frameless tub slider with neo-angle panels (TE-4) as manufactured by Cardinal Shower Enclosures.
      6. Configuration: Custom configuration including a Cardinal Series Semi-Frameless Sliding Tub Enclosure (TE) as indicated on the Drawings, manufactured by Cardinal Shower Enclosures.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the aluminum extrusion finishes available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete aluminum extrusion finish options not required.

* + - 1. Aluminum extrusion finish: Antique.
      2. Aluminum extrusion finish: Brushed Nickel.
      3. Aluminum extrusion finish: Chrome.
      4. Aluminum extrusion finish: Gold.
      5. Aluminum extrusion finish: Oil Rubbed Bronze.
      6. Aluminum extrusion finish: Roman Bronze.
      7. Aluminum extrusion finish: Satin.
      8. Aluminum extrusion finish: White.
      9. Aluminum extrusion finish: Custom Powder Coat (color specified below).

\*\* NOTE TO SPECIFIER \*\* Only one style of hardware is available with the Cardinal Series Tub Enclosure (TE). Hardware finish will match the aluminum extrusion finish.

* + - 1. Hardware: Double Towel Bar.

\*\* NOTE TO SPECIFIER \*\* The Snap-In Retainer is an optional safety feature to help prevent the sliding doors from coming off the track. Delete if not required.

* + - 1. Use Snap-In Retainer, manufactured by Cardinal Shower Enclosures.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the glass types and colors available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete glass options not required.

* + - 1. Glass Type: Clear, 3/16 inch (4.75 mm) thick, Standard.
      2. Glass Type: Obscure (P516), 3/16 inch (4.75 mm) thick, Standard.
      3. Glass Type: Rain, 3/16 inch (4.75 mm) thick, Standard.
      4. Glass Type: Aquatex, 3/16 inch (4.75 mm) thick.
      5. Glass Type: Bamboo, 3/16 inch (4.75 mm) thick.
      6. Glass Type: Glue Chip, 3/16 inch (4.75 mm) thick.
      7. Glass Type: Autumn, 1/4 inch (6.35 mm) thick.
      8. Glass Type: Bronze, 1/4 inch (6.35 mm) thick.
      9. Glass Type: Clear, 1/4 inch (6.35 mm) thick door glass
      10. Glass Type: Clear, 1/4 inch (6.35 mm) thick door glass and 3/16 inch (4.75 mm) thick panel glass.
      11. Glass Type: Everglade, 1/4 inch (6.35 mm) thick.
      12. Glass Type: Glacier, 1/4 inch (6.35 mm) thick.
      13. Glass Type: Glue Chip, 1/4 inch (6.35 mm) thick.
      14. Glass Type: Rain, 1/4 inch (6.35 mm) thick.
      15. Glass Type: Reeded, 1/4 inch (6.35 mm) thick.
      16. Glass Type: Satin, 1/4 inch (6.35 mm) thick.
      17. Glass Type: Starphire, 1/4 inch (6.35 mm) thick.
      18. Glass Type: Smoke, 1/4 inch (6.35 mm) thick.
      19. Glass Type: Clear with Shower Guard, 1/4 inch (6.35 mm) thick.
      20. Glass Type: As selected by Architect from manufacturer's full range of standard available glass options.
      21. Glass Type: As indicated on the Drawings.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the different surface protection systems available with Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete surface protection system options not required.

* + - 1. Surface Protection System for Glass: Cardinal 10 Surface Protection as manufactured by Cardinal Shower Enclosures.
      2. Surface Protection System for Glass: Not required.
      3. Surface Protection System for Glass: As selected by Architect from manufacturer's full range of standard available surface treatments.
      4. Surface Protection System for Glass: As indicated on the Drawings.

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

* + 1. Cardinal Series Semi-Frameless Shower Sliders:

\*\* NOTE TO SPECIFIER \*\* Custom heights available. Delete height options not required.

* + - 1. Height: 65 3/8 inches (1661 mm).
      2. Height: 67 3/8 inches (1711 mm).
      3. Height: 70 3/8 inches (1788 mm).
      4. Height: 73 3/8 inches (1864 mm).
      5. Height: 76 3/8 inches (1940 mm).
      6. Height: As selected by Architect from manufacturer's full range of standard available height options.
      7. Height: As indicated on the Drawings.

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

* + - 1. Configuration: Semi-Frameless shower slider (SE) as manufactured by Cardinal Shower Enclosures.
      2. Configuration: Semi-Frameless shower slider with inline panel (SE-I) as manufactured by Cardinal Shower Enclosures.
      3. Configuration: Semi-Frameless shower slider with two inline panels (SE-2) as manufactured by Cardinal Shower Enclosures.
      4. Configuration: Semi-Frameless shower slider with 90o return panel (SE-3) as manufactured by Cardinal Shower Enclosures.
      5. Configuration: Semi-Frameless shower slider with neo-angle panels (SE-4) as manufactured by Cardinal Shower Enclosures.
      6. Configuration: Custom configuration including a Cardinal Series Semi-Frameless Sliding Tub Enclosure (SE) as indicated on the Drawings, manufactured by Cardinal Shower Enclosures.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the aluminum extrusion finishes available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete aluminum extrusion finish options not required.

* + - 1. Aluminum extrusion finish: Antique.
      2. Aluminum extrusion finish: Brushed Nickel.
      3. Aluminum extrusion finish: Chrome.
      4. Aluminum extrusion finish: Gold.
      5. Aluminum extrusion finish: Oil Rubbed Bronze.
      6. Aluminum extrusion finish: Roman Bronze.
      7. Aluminum extrusion finish: Satin.
      8. Aluminum extrusion finish: White.
      9. Aluminum extrusion finish: Custom Powder Coat (color specified below).

\*\* NOTE TO SPECIFIER \*\* Only one style of hardware is available with the Cardinal Series Shower Enclosure (SE). Hardware finish will match the aluminum extrusion finish.

* + - 1. Hardware: Double Towel Bar.

\*\* NOTE TO SPECIFIER \*\* The Snap-In Retainer is an optional safety feature to help prevent the sliding doors from coming off the track. Delete if not required.

* + - 1. Use Snap-In Retainer, manufactured by Cardinal Shower Enclosures.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the glass types and colors available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete glass options not required.

* + - 1. Glass Type: Clear, 3/16 inch (4.75 mm) thick, Standard.
      2. Glass Type: Obscure (P516), 3/16 inch (4.75 mm) thick, Standard.
      3. Glass Type: Rain, 3/16 inch (4.75 mm) thick, Standard.
      4. Glass Type: Aquatex, 3/16 inch (4.75 mm) thick.
      5. Glass Type: Bamboo, 3/16 inch (4.75 mm) thick.
      6. Glass Type: Glue Chip, 3/16 inch (4.75 mm) thick.
      7. Glass Type: Autumn, 1/4 inch (6.35 mm) thick.
      8. Glass Type: Bronze, 1/4 inch (6.35 mm) thick.
      9. Glass Type: Clear, 1/4 inch (6.35 mm) thick door glass
      10. Glass Type: Clear, 1/4 inch (6.35 mm) thick door glass and 3/16 inch (4.75 mm) thick panel glass.
      11. Glass Type: Everglade, 1/4 inch (6.35 mm) thick.
      12. Glass Type: Glacier, 1/4 inch (6.35 mm) thick.
      13. Glass Type: Glue Chip, 1/4 inch (6.35 mm) thick.
      14. Glass Type: Rain, 1/4 inch (6.35 mm) thick.
      15. Glass Type: Reeded, 1/4 inch (6.35 mm) thick.
      16. Glass Type: Satin, 1/4 inch (6.35 mm) thick.
      17. Glass Type: Starphire, 1/4 inch (6.35 mm) thick.
      18. Glass Type: Smoke, 1/4 inch (6.35 mm) thick.
      19. Glass Type: Clear with Shower Guard, 1/4 inch (6.35 mm) thick.
      20. Glass Type: As selected by Architect from manufacturer's full range of standard available glass options.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the different surface protection systems available with Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete surface protection system options not required.

* + - 1. Surface Protection System for Glass: Cardinal 10 Surface Protection as manufactured by Cardinal Shower Enclosures.
      2. Surface Protection System for Glass: Not required.
      3. Surface Protection System for Glass: As selected by Architect from manufacturer's full range of standard available surface treatments.
      4. Surface Protection System for Glass: As indicated on the Drawings.

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

* + 1. Light Euro Series Semi-Frameless Tub Sliders:

\*\* NOTE TO SPECIFIER \*\* Custom heights available. Delete height options not required.

* + - 1. Height: 54 3/8 inches (1381 mm)
      2. Height: 55 3/8 inches (1407 mm).
      3. Height: 56 3/8 inches (1432 mm).
      4. Height: 57 3/8 inches (1457 mm).
      5. Height: 60 inches (1524 mm).
      6. Height: 62 3/8 inches (1584 mm).
      7. Height: As selected by Architect from manufacturer's full range of standard available height options.
      8. Height: As indicated on the Drawings.

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

* + - 1. Configuration: Semi-Frameless tub slider (LETE) as manufactured by Cardinal Shower Enclosures.
      2. Configuration: Semi-Frameless tub slider with inline panel (LETE-I) as manufactured by Cardinal Shower Enclosures.
      3. Configuration: Semi-Frameless tub slider with two inline panels (LETE-2) as manufactured by Cardinal Shower Enclosures.
      4. Configuration: Semi-Frameless tub slider with 90o return panel (LETE-3) as manufactured by Cardinal Shower Enclosures.
      5. Configuration: Semi-Frameless tub slider with neo-angle panels (LETE-4) as manufactured by Cardinal Shower Enclosures.
      6. Configuration: Custom configuration including a Cardinal Series Semi-Frameless Sliding Tub Enclosure (LETE) as indicated on the Drawings, manufactured by Cardinal Shower Enclosures.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the aluminum extrusion finishes available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete aluminum extrusion finish options not required.

* + - 1. Aluminum extrusion finish: Antique.
      2. Aluminum extrusion finish: Brushed Nickel.
      3. Aluminum extrusion finish: Chrome.
      4. Aluminum extrusion finish: Gold.
      5. Aluminum extrusion finish: Oil Rubbed Bronze.
      6. Aluminum extrusion finish: Roman Bronze.
      7. Aluminum extrusion finish: Satin.
      8. Aluminum extrusion finish: White.
      9. Aluminum extrusion finish: Custom Powder Coat (color specified below).

\*\* NOTE TO SPECIFIER \*\* Hardware types are specified separately in this section. Delete options not required. Hardware finish will match the aluminum extrusion finish.  
 \*\* NOTE TO SPECIFIER \*\* The Single Towel Bar option is not available in the Antique finish.

* + - 1. Hardware: Single Towel Bar, Standard.
      2. Hardware: Double Towel Bar.

\*\* NOTE TO SPECIFIER \*\* The Snap-In Retainer is an optional safety feature to help prevent the sliding doors from coming off the track. Delete if not required.

* + - 1. Use Snap-In Retainer, manufactured by Cardinal Shower Enclosures.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the glass types and colors available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete glass options not required.

* + - 1. Glass Type: Clear, 3/16 inch (4.75 mm) thick, Standard.
      2. Glass Type: Obscure (P516), 3/16 inch (4.75 mm) thick, Standard.
      3. Glass Type: Rain, 3/16 inch (4.75 mm) thick, Standard.
      4. Glass Type: Aquatex, 3/16 inch (4.75 mm) thick.
      5. Glass Type: Bamboo, 3/16 inch (4.75 mm) thick.
      6. Glass Type: Glue Chip, 3/16 inch (4.75 mm) thick.
      7. Glass Type: Autumn, 1/4 inch (6.35 mm) thick.
      8. Glass Type: Bronze, 1/4 inch (6.35 mm) thick.
      9. Glass Type: Clear, 1/4 inch (6.35 mm) thick door glass
      10. Glass Type: Clear, 1/4 inch (6.35 mm) thick door glass and 3/16 inch (4.75 mm) thick panel glass.
      11. Glass Type: Everglade, 1/4 inch (6.35 mm) thick.
      12. Glass Type: Glacier, 1/4 inch (6.35 mm) thick.
      13. Glass Type: Glue Chip, 1/4 inch (6.35 mm) thick.
      14. Glass Type: Rain, 1/4 inch (6.35 mm) thick.
      15. Glass Type: Reeded, 1/4 inch (6.35 mm) thick.
      16. Glass Type: Satin, 1/4 inch (6.35 mm) thick.
      17. Glass Type: Starphire, 1/4 inch (6.35 mm) thick.
      18. Glass Type: Smoke, 1/4 inch (6.35 mm) thick.
      19. Glass Type: Clear with Shower Guard, 1/4 inch (6.35 mm) thick.
      20. Glass Type: As selected by Architect from manufacturer's full range of standard available glass options.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the different surface protection systems available with Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete surface protection system options not required.

* + - 1. Surface Protection System for Glass: Cardinal 10 Surface Protection as manufactured by Cardinal Shower Enclosures.
      2. Surface Protection System for Glass: Not required.
      3. Surface Protection System for Glass: As selected by Architect from manufacturer's full range of standard available surface treatments.
      4. Surface Protection System for Glass: As indicated on the Drawings.

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

* + 1. Light Euro Series Semi-Frameless Shower Sliders:

\*\* NOTE TO SPECIFIER \*\* Custom heights available. Delete height options not required.

* + - 1. Height: 65 3/8 inches (1661 mm).
      2. Height: 67 3/8 inches (1711 mm).
      3. Height: 70 3/8 inches (1788 mm).
      4. Height: 73 3/8 inches (1864 mm).
      5. Height: 76 3/8 inches (1940 mm).
      6. Height: As selected by Architect from manufacturer's full range of standard available height options.
      7. Height: As indicated on the Drawings.

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

* + - 1. Configuration: Semi-Frameless shower slider (LESE) as manufactured by Cardinal Shower Enclosures.
      2. Configuration: Semi-Frameless shower slider with inline panel (LESE-I) as manufactured by Cardinal Shower Enclosures.
      3. Configuration: Semi-Frameless shower slider with two inline panels (LESE-2) as manufactured by Cardinal Shower Enclosures.
      4. Configuration: Semi-Frameless shower slider with 90o return panel (LESE-3) as manufactured by Cardinal Shower Enclosures.
      5. Configuration: Semi-Frameless shower slider with neo-angle panels (LESE-4) as manufactured by Cardinal Shower Enclosures.
      6. Configuration: Custom configuration including a Cardinal Series Semi-Frameless Sliding Tub Enclosure (LESE) as indicated on the Drawings, manufactured by Cardinal Shower Enclosures.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the aluminum extrusion finishes available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete aluminum extrusion finish options not required.

* + - 1. Aluminum extrusion finish: Antique.
      2. Aluminum extrusion finish: Brushed Nickel.
      3. Aluminum extrusion finish: Chrome.
      4. Aluminum extrusion finish: Gold.
      5. Aluminum extrusion finish: Oil Rubbed Bronze.
      6. Aluminum extrusion finish: Roman Bronze.
      7. Aluminum extrusion finish: Satin.
      8. Aluminum extrusion finish: White.
      9. Aluminum extrusion finish: Custom Powder Coat (color specified below).

\*\* NOTE TO SPECIFIER \*\* Hardware types are specified separately in this section. Delete options not required. Hardware finish will match the aluminum extrusion finish.  
 \*\* NOTE TO SPECIFIER \*\* The Single Towel Bar option is not available in the Antique finish.

* + - 1. Hardware: Single Towel Bar, Standard.
      2. Hardware: Double Towel Bar.

\*\* NOTE TO SPECIFIER \*\* The Snap-In Retainer is an optional safety feature to help prevent the sliding doors from coming off the track. Delete if not required.

* + - 1. Use Snap-In Retainer, manufactured by Cardinal Shower Enclosures.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the glass types and colors available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete glass options not required.

* + - 1. Glass Type: Clear, 3/16 inch (4.75 mm) thick, Standard.
      2. Glass Type: Obscure (P516), 3/16 inch (4.75 mm) thick, Standard.
      3. Glass Type: Rain, 3/16 inch (4.75 mm) thick, Standard.
      4. Glass Type: Aquatex, 3/16 inch (4.75 mm) thick.
      5. Glass Type: Bamboo, 3/16 inch (4.75 mm) thick.
      6. Glass Type: Glue Chip, 3/16 inch (4.75 mm) thick.
      7. Glass Type: Autumn, 1/4 inch (6.35 mm) thick.
      8. Glass Type: Bronze, 1/4 inch (6.35 mm) thick.
      9. Glass Type: Clear, 1/4 inch (6.35 mm) thick door glass
      10. Glass Type: Clear, 1/4 inch (6.35 mm) thick door glass and 3/16 inch (4.75 mm) thick panel glass.
      11. Glass Type: Everglade, 1/4 inch (6.35 mm) thick.
      12. Glass Type: Glacier, 1/4 inch (6.35 mm) thick.
      13. Glass Type: Glue Chip, 1/4 inch (6.35 mm) thick.
      14. Glass Type: Rain, 1/4 inch (6.35 mm) thick.
      15. Glass Type: Reeded, 1/4 inch (6.35 mm) thick.
      16. Glass Type: Satin, 1/4 inch (6.35 mm) thick.
      17. Glass Type: Starphire, 1/4 inch (6.35 mm) thick.
      18. Glass Type: Smoke, 1/4 inch (6.35 mm) thick.
      19. Glass Type: Clear with Shower Guard, 1/4 inch (6.35 mm) thick.
      20. Glass Type: As selected by Architect from manufacturer's full range of standard available glass options.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the different surface protection systems available with Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete surface protection system options not required.

* + - 1. Surface Protection System for Glass: Cardinal 10 Surface Protection as manufactured by Cardinal Shower Enclosures.
      2. Surface Protection System for Glass: Not required.
      3. Surface Protection System for Glass: As selected by Architect from manufacturer's full range of standard available surface treatments.
      4. Surface Protection System for Glass: As indicated on the Drawings.

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

* + 1. Traditional Euro Series Semi-Frameless Tub Sliders:

\*\* NOTE TO SPECIFIER \*\* Custom heights available. Delete height options not required.

* + - 1. Height: 54 3/8 inches (1381 mm)
      2. Height: 55 3/8 inches (1407 mm).
      3. Height: 56 3/8 inches (1432 mm).
      4. Height: 57 3/8 inches (1457 mm).
      5. Height: 60 inches (1524 mm).
      6. Height: 62 3/8 inches (1584 mm).
      7. Height: As selected by Architect from manufacturer's full range of standard available height options.
      8. Height: As indicated on the Drawings.

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

* + - 1. Configuration: Semi-Frameless tub slider (TETE) as manufactured by Cardinal Shower Enclosures.
      2. Configuration: Semi-Frameless tub slider with inline panel (TETE-I) as manufactured by Cardinal Shower Enclosures.
      3. Configuration: Semi-Frameless tub slider with two inline panels (TETE-2) as manufactured by Cardinal Shower Enclosures.
      4. Configuration: Semi-Frameless tub slider with 90o return panel (TETE-3) as manufactured by Cardinal Shower Enclosures.
      5. Configuration: Semi-Frameless tub slider with neo-angle panels (TETE-4) as manufactured by Cardinal Shower Enclosures.
      6. Configuration: Custom configuration including a Cardinal Series Semi-Frameless Sliding Tub Enclosure (TETE) as indicated on the Drawings, manufactured by Cardinal Shower Enclosures.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the aluminum extrusion finishes available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete aluminum extrusion finish options not required.

* + - 1. Aluminum extrusion finish: Antique.
      2. Aluminum extrusion finish: Brushed Nickel.
      3. Aluminum extrusion finish: Chrome.
      4. Aluminum extrusion finish: Gold.
      5. Aluminum extrusion finish: Oil Rubbed Bronze.
      6. Aluminum extrusion finish: Roman Bronze.
      7. Aluminum extrusion finish: Satin.
      8. Aluminum extrusion finish: White.
      9. Aluminum extrusion finish: Custom Powder Coat (color specified below).

\*\* NOTE TO SPECIFIER \*\* Hardware types are specified separately in this section. Delete options not required. Hardware finish will match the aluminum extrusion finish.

* + - 1. Hardware: Through-the-Glass Towel Bar and Knob, Standard Hardware: Through-the-Glass Towel Bar and Knob with Recessed Finger Pulls.

\*\* NOTE TO SPECIFIER \*\* The Snap-In Retainer is an optional safety feature to help prevent the sliding doors from coming off the track. Delete if not required.

* + - 1. Use Snap-In Retainer, manufactured by Cardinal Shower Enclosures.

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

* + - 1. Door Style: Cardinal S-Curve.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the glass types and colors available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete glass options not required.

* + - 1. Glass Type: Clear, 1/4 inch (6.35 mm) thick door glass and 3/16 inch (4.75 mm) thick panel glass, Standard.
      2. Glass Type: Rain, 3/16 inch (4.75 mm) thick, Standard.
      3. Glass Type: Aquatex, 3/16 inch (4.75 mm) thick.
      4. Glass Type: Bamboo, 3/16 inch (4.75 mm) thick.
      5. Glass Type: Glue Chip, 3/16 inch (4.75 mm) thick.
      6. Glass Type: Obscure (P516), 3/16 inch (4.75 mm) thick.
      7. Glass Type: Autumn, 1/4 inch (6.35 mm) thick.
      8. Glass Type: Bronze, 1/4 inch (6.35 mm) thick.
      9. Glass Type: Clear, 1/4 inch (6.35 mm) thick door glass
      10. Glass Type: Everglade, 1/4 inch (6.35 mm) thick.
      11. Glass Type: Glacier, 1/4 inch (6.35 mm) thick.
      12. Glass Type: Glue Chip, 1/4 inch (6.35 mm) thick.
      13. Glass Type: Rain, 1/4 inch (6.35 mm) thick.
      14. Glass Type: Reeded, 1/4 inch (6.35 mm) thick.
      15. Glass Type: Satin, 1/4 inch (6.35 mm) thick.
      16. Glass Type: Starphire, 1/4 inch (6.35 mm) thick.
      17. Glass Type: Smoke, 1/4 inch (6.35 mm) thick.
      18. Glass Type: Clear with Shower Guard, 1/4 inch (6.35 mm) thick.
      19. Glass Type: As selected by Architect from manufacturer's full range of standard available glass options.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the different surface protection systems available with Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete surface protection system options not required.

* + - 1. Surface Protection System for Glass: Cardinal 10 Surface Protection as manufactured by Cardinal Shower Enclosures.
      2. Surface Protection System for Glass: Not required.
      3. Surface Protection System for Glass: As selected by Architect from manufacturer's full range of standard available surface treatments.
      4. Surface Protection System for Glass: As indicated on the Drawings.

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

* + 1. Traditional Euro Semi-Series Frameless Shower Sliders:

\*\* NOTE TO SPECIFIER \*\* Custom heights available. Delete height options not required.

* + - 1. Height: 65 3/8 inches (1661 mm).
      2. Height: 67 3/8 inches (1711 mm).
      3. Height: 70 3/8 inches (1788 mm).
      4. Height: 75 3/8 inches (1915 mm).
      5. Height: As selected by Architect from manufacturer's full range of standard available height options.
      6. Height: As indicated on the Drawings.

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

* + - 1. Configuration: Semi-Frameless shower slider (TESE) as manufactured by Cardinal Shower Enclosures.
      2. Configuration: Semi-Frameless shower slider with inline panel (TESE-I) as manufactured by Cardinal Shower Enclosures.
      3. Configuration: Semi-Frameless shower slider with two inline panels (TESE-2) as manufactured by Cardinal Shower Enclosures.
      4. Configuration: Semi-Frameless shower slider with 90o return panel (TESE-3) as manufactured by Cardinal Shower Enclosures.
      5. Configuration: Semi-Frameless shower slider with neo-angle panels (TESE-4) as manufactured by Cardinal Shower Enclosures.
      6. Configuration: Custom configuration including a Cardinal Series Semi-Frameless Sliding Tub Enclosure (TESE) as indicated on the Drawings, manufactured by Cardinal Shower Enclosures.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the aluminum extrusion finishes available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete aluminum extrusion finish options not required.

* + - 1. Aluminum extrusion finish: Antique.
      2. Aluminum extrusion finish: Brushed Nickel.
      3. Aluminum extrusion finish: Chrome.
      4. Aluminum extrusion finish: Gold.
      5. Aluminum extrusion finish: Oil Rubbed Bronze.
      6. Aluminum extrusion finish: Roman Bronze.
      7. Aluminum extrusion finish: Satin.
      8. Aluminum extrusion finish: White.
      9. Aluminum extrusion finish: Custom Powder Coat (color specified below).

\*\* NOTE TO SPECIFIER \*\* Hardware types are specified separately in this section. Delete options not required. Hardware finish will match the aluminum extrusion finish.

* + - 1. Hardware: Through-the-Glass Towel Bar and Knob, Standard Hardware: Through-the-Glass Towel Bar and Knob with Recessed Finger Pulls.

\*\* NOTE TO SPECIFIER \*\* The Snap-In Retainer is an optional safety feature to help prevent the sliding doors from coming off the track. Delete if not required.

* + - 1. Use Snap-In Retainer, manufactured by Cardinal Shower Enclosures.

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

* + - 1. Door Style: Cardinal S-Curve.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the glass types and colors available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete glass options not required.

* + - 1. Glass Type: Clear, 1/4 inch (6.35 mm) thick door glass and 3/16 inch (4.75 mm) thick panel glass, Standard.
      2. Glass Type: Rain, 3/16 inch (4.75 mm) thick, Standard.
      3. Glass Type: Aquatex, 3/16 inch (4.75 mm) thick.
      4. Glass Type: Bamboo, 3/16 inch (4.75 mm) thick.
      5. Glass Type: Glue Chip, 3/16 inch (4.75 mm) thick.
      6. Glass Type: Obscure (P516), 3/16 inch (4.75 mm) thick.
      7. Glass Type: Autumn, 1/4 inch (6.35 mm) thick.
      8. Glass Type: Bronze, 1/4 inch (6.35 mm) thick.
      9. Glass Type: Clear, 1/4 inch (6.35 mm) thick door glass
      10. Glass Type: Everglade, 1/4 inch (6.35 mm) thick.
      11. Glass Type: Glacier, 1/4 inch (6.35 mm) thick.
      12. Glass Type: Glue Chip, 1/4 inch (6.35 mm) thick.
      13. Glass Type: Rain, 1/4 inch (6.35 mm) thick.
      14. Glass Type: Reeded, 1/4 inch (6.35 mm) thick.
      15. Glass Type: Satin, 1/4 inch (6.35 mm) thick.
      16. Glass Type: Starphire, 1/4 inch (6.35 mm) thick.
      17. Glass Type: Smoke, 1/4 inch (6.35 mm) thick.
      18. Glass Type: Clear with Shower Guard, 1/4 inch (6.35 mm) thick.
      19. Glass Type: As selected by Architect from manufacturer's full range of standard available glass options.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the different surface protection systems available with Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete surface protection system options not required.

* + - 1. Surface Protection System for Glass: Cardinal 10 Surface Protection as manufactured by Cardinal Shower Enclosures.
      2. Surface Protection System for Glass: Not required.
      3. Surface Protection System for Glass: As selected by Architect from manufacturer's full range of standard available surface treatments.
      4. Surface Protection System for Glass: As indicated on the Drawings.

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

* + 1. Euro Series Semi-Frameless Tub Sliders:

\*\* NOTE TO SPECIFIER \*\* Custom heights available. Delete height options not required.

* + - 1. Height: 54 3/8 inches (1381 mm)
      2. Height: 55 3/8 inches (1407 mm).
      3. Height: 56 3/8 inches (1432 mm).
      4. Height: 57 3/8 inches (1457 mm).
      5. Height: 60 inches (1524 mm).
      6. Height: 62 3/8 inches (1584 mm).
      7. Height: As selected by Architect from manufacturer's full range of standard available height options.
      8. Height: As indicated on the Drawings.

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

* + - 1. Configuration: Semi-Frameless tub slider (ETE) as manufactured by Cardinal Shower Enclosures.
      2. Configuration: Semi-Frameless tub slider with inline panel (ETE-I) as manufactured by Cardinal Shower Enclosures.
      3. Configuration: Semi-Frameless tub slider with two inline panels (ETE-2) as manufactured by Cardinal Shower Enclosures.
      4. Configuration: Semi-Frameless tub slider with 90o return panel (ETE-3) as manufactured by Cardinal Shower Enclosures.
      5. Configuration: Semi-Frameless tub slider with neo-angle panels (ETE-4) as manufactured by Cardinal Shower Enclosures.
      6. Configuration: Custom configuration including a Cardinal Series Semi-Frameless Sliding Tub Enclosure (ETE) as indicated on the Drawings, manufactured by Cardinal Shower Enclosures.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the aluminum extrusion finishes available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete aluminum extrusion finish options not required.

* + - 1. Aluminum extrusion finish: Antique.
      2. Aluminum extrusion finish: Brushed Nickel.
      3. Aluminum extrusion finish: Chrome.
      4. Aluminum extrusion finish: Gold.
      5. Aluminum extrusion finish: Oil Rubbed Bronze.
      6. Aluminum extrusion finish: Roman Bronze.
      7. Aluminum extrusion finish: Satin.
      8. Aluminum extrusion finish: White.
      9. Aluminum extrusion finish: Custom Powder Coat (color specified below).

\*\* NOTE TO SPECIFIER \*\* Hardware types are specified separately in this section. Delete options not required. Hardware finish will match the aluminum extrusion finish.

* + - 1. Hardware: Through-the-Glass Towel Bar and Knob, Standard.
      2. Hardware: Through-the-Glass Towel Bar and Knob with Recessed Finger Pulls.

\*\* NOTE TO SPECIFIER \*\* The Snap-In Retainer is an optional safety feature to help prevent the sliding doors from coming off the track. Delete if not required.

* + - 1. Use Snap-In Retainer, manufactured by Cardinal Shower Enclosures.

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

* + - 1. Door Style: Cardinal S-Curve.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the glass types and colors available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete glass options not required.

* + - 1. Glass Type: Clear, 1/4 inch (6.35 mm) thick door glass and 3/16 inch (4.75 mm) thick panel glass, Standard.
      2. Glass Type: Rain, 3/16 inch (4.75 mm) thick, Standard.
      3. Glass Type: Aquatex, 3/16 inch (4.75 mm) thick.
      4. Glass Type: Bamboo, 3/16 inch (4.75 mm) thick.
      5. Glass Type: Glue Chip, 3/16 inch (4.75 mm) thick.
      6. Glass Type: Obscure (P516), 3/16 inch (4.75 mm) thick.
      7. Glass Type: Autumn, 1/4 inch (6.35 mm) thick.
      8. Glass Type: Bronze, 1/4 inch (6.35 mm) thick.
      9. Glass Type: Clear, 1/4 inch (6.35 mm) thick door glass
      10. Glass Type: Everglade, 1/4 inch (6.35 mm) thick.
      11. Glass Type: Glacier, 1/4 inch (6.35 mm) thick.
      12. Glass Type: Glue Chip, 1/4 inch (6.35 mm) thick.
      13. Glass Type: Rain, 1/4 inch (6.35 mm) thick.
      14. Glass Type: Reeded, 1/4 inch (6.35 mm) thick.
      15. Glass Type: Satin, 1/4 inch (6.35 mm) thick.
      16. Glass Type: Starphire, 1/4 inch (6.35 mm) thick.
      17. Glass Type: Smoke, 1/4 inch (6.35 mm) thick.
      18. Glass Type: Clear with Shower Guard, 1/4 inch (6.35 mm) thick.
      19. Glass Type: As selected by Architect from manufacturer's full range of standard available glass options.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the different surface protection systems available with Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete surface protection system options not required.

* + - 1. Surface Protection System for Glass: Cardinal 10 Surface Protection as manufactured by Cardinal Shower Enclosures.
      2. Surface Protection System for Glass: Not required.
      3. Surface Protection System for Glass: As selected by Architect from manufacturer's full range of standard available surface treatments.
      4. Surface Protection System for Glass: As indicated on the Drawings.

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

* + 1. Euro Series Semi-Frameless Shower Sliders:

\*\* NOTE TO SPECIFIER \*\* Custom heights available. Delete height options not required.

* + - 1. Height: 65 3/8 inches (1661 mm).
      2. Height: 67 3/8 inches (1711 mm).
      3. Height: 70 3/8 inches (1788 mm).
      4. Height: 75 3/8 inches (1915 mm).
      5. Height: As selected by Architect from manufacturer's full range of standard available height options.
      6. Height: As indicated on the Drawings.

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

* + - 1. Configuration: Semi-Frameless shower slider (ESE) as manufactured by Cardinal Shower Enclosures.
      2. Configuration: Semi-Frameless shower slider with inline panel (ESE-I) as manufactured by Cardinal Shower Enclosures.
      3. Configuration: Semi-Frameless shower slider with two inline panels (ESE-2) as manufactured by Cardinal Shower Enclosures.
      4. Configuration: Semi-Frameless shower slider with 90o return panel (ESE-3) as manufactured by Cardinal Shower Enclosures.
      5. Configuration: Semi-Frameless shower slider with neo-angle panels (ESE-4) as manufactured by Cardinal Shower Enclosures.
      6. Configuration: Custom configuration including a Cardinal Series Semi-Frameless Sliding Tub Enclosure (ESE) as indicated on the Drawings, manufactured by Cardinal Shower Enclosures.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the aluminum extrusion finishes available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete aluminum extrusion finish options not required.

* + - 1. Aluminum extrusion finish: Antique.
      2. Aluminum extrusion finish: Brushed Nickel.
      3. Aluminum extrusion finish: Chrome.
      4. Aluminum extrusion finish: Gold.
      5. Aluminum extrusion finish: Oil Rubbed Bronze.
      6. Aluminum extrusion finish: Roman Bronze.
      7. Aluminum extrusion finish: Satin.
      8. Aluminum extrusion finish: White.
      9. Aluminum extrusion finish: Custom Powder Coat (color specified below).

\*\* NOTE TO SPECIFIER \*\* Hardware types are specified separately in this section. Delete options not required. Hardware finish will match the aluminum extrusion finish.

* + - 1. Hardware: Through-the-Glass Towel Bar and Knob, Standard.
      2. Hardware: Through-the-Glass Towel Bar and Knob with Recessed Finger Pulls.

\*\* NOTE TO SPECIFIER \*\* The Snap-In Retainer is an optional safety feature to help prevent the sliding doors from coming off the track. Delete if not required.

* + - 1. Use Snap-In Retainer, manufactured by Cardinal Shower Enclosures.

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

* + - 1. Door Style: Cardinal S-Curve.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the glass types and colors available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete glass options not required.

* + - 1. Glass Type: Clear, 1/4 inch (6.35 mm) thick door glass and 3/16 inch (4.75 mm) thick panel glass, Standard.
      2. Glass Type: Rain, 3/16 inch (4.75 mm) thick, Standard.
      3. Glass Type: Aquatex, 3/16 inch (4.75 mm) thick.
      4. Glass Type: Bamboo, 3/16 inch (4.75 mm) thick.
      5. Glass Type: Glue Chip, 3/16 inch (4.75 mm) thick.
      6. Glass Type: Obscure (P516), 3/16 inch (4.75 mm) thick.
      7. Glass Type: Autumn, 1/4 inch (6.35 mm) thick.
      8. Glass Type: Bronze, 1/4 inch (6.35 mm) thick.
      9. Glass Type: Clear, 1/4 inch (6.35 mm) thick door glass
      10. Glass Type: Everglade, 1/4 inch (6.35 mm) thick.
      11. Glass Type: Glacier, 1/4 inch (6.35 mm) thick.
      12. Glass Type: Glue Chip, 1/4 inch (6.35 mm) thick.
      13. Glass Type: Rain, 1/4 inch (6.35 mm) thick.
      14. Glass Type: Reeded, 1/4 inch (6.35 mm) thick.
      15. Glass Type: Satin, 1/4 inch (6.35 mm) thick.
      16. Glass Type: Starphire, 1/4 inch (6.35 mm) thick.
      17. Glass Type: Smoke, 1/4 inch (6.35 mm) thick.
      18. Glass Type: Clear with Shower Guard, 1/4 inch (6.35 mm) thick.
      19. Glass Type: As selected by Architect from manufacturer's full range of standard available glass options.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the different surface protection systems available with Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete surface protection system options not required.

* + - 1. Surface Protection System for Glass: Cardinal 10 Surface Protection as manufactured by Cardinal Shower Enclosures.
      2. Surface Protection System for Glass: Not required.
      3. Surface Protection System for Glass: As selected by Architect from manufacturer's full range of standard available surface treatments.
      4. Surface Protection System for Glass: As indicated on the Drawings.

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

* + 1. Heavy Euro Series Semi-Frameless Tub Sliders:

\*\* NOTE TO SPECIFIER \*\* Custom heights available. Delete height options not required.

* + - 1. Height: 57 1/2 inches (1460 mm).
      2. Height: 60 inches (1524 mm).
      3. Height: 62 1/2 inches (1587 mm).
      4. Height: As selected by Architect from manufacturer's full range of standard available height options.
      5. Height: As indicated on the Drawings.

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

* + - 1. Configuration: Semi-Frameless tub slider (HGTE) as manufactured by Cardinal Shower Enclosures.
      2. Configuration: Semi-Frameless tub slider with inline panel (HGTE-I) as manufactured by Cardinal Shower Enclosures.
      3. Configuration: Semi-Frameless tub slider with two inline panels (HGTE-2) as manufactured by Cardinal Shower Enclosures.
      4. Configuration: Semi-Frameless tub slider with 90o return panel (HGTE-3) as manufactured by Cardinal Shower Enclosures.
      5. Configuration: Semi-Frameless tub slider with neo-angle panels (HGTE-4) as manufactured by Cardinal Shower Enclosures.
      6. Configuration: Custom configuration including a Cardinal Series Semi-Frameless Sliding Tub Enclosure (HGTE) as indicated on the Drawings, manufactured by Cardinal Shower Enclosures.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the aluminum extrusion finishes available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete aluminum extrusion finish options not required.

* + - 1. Aluminum extrusion finish: Brushed Nickel.
      2. Aluminum extrusion finish: Chrome.
      3. Aluminum extrusion finish: Gold.
      4. Aluminum extrusion finish: Oil Rubbed Bronze.
      5. Aluminum extrusion finish: Roman Bronze.
      6. Aluminum extrusion finish: Satin.
      7. Aluminum extrusion finish: White.
      8. Aluminum extrusion finish: Custom Powder Coat (color specified below).

\*\* NOTE TO SPECIFIER \*\* Hardware types are specified separately in this section. Delete options not required. Hardware finish will match the aluminum extrusion finish.

* + - 1. Hardware: Through-the-Glass Towel Bar and Knob, Standard.
      2. Hardware: Through-the-Glass Towel Bar and Knob with Recessed Finger Pulls.

\*\* NOTE TO SPECIFIER \*\* The Snap-In Retainer is an optional safety feature to help prevent the sliding doors from coming off the track. Delete if not required.

* + - 1. Use Snap-In Retainer, manufactured by Cardinal Shower Enclosures.

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

* + - 1. Door Style: Cardinal S-Curve.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the glass types and colors available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. The various glass types include: Krystal patterns are made with optically clear glass similar to Starphire. Other patterns are made from the slightly green standard Clear glass; Venetian Cast Glass is kiln formed glass with rich textures; UltimateOptique Glass incorporates a new casting process that integrates the rich textural elements of kiln formed glass with unobstructed, optically clear areas or patters. Delete glass options not required.

* + - 1. Glass Type: Clear, 3/8 inch (9.5 mm) thick, Standard.
      2. Glass Type: Acid Etch, 3/8 inch (9.5 mm) thick.
      3. Glass Type: Antique, 3/8 inch (9.5 mm) thick.
      4. Glass Type: Azuria (Aqua Blue), 3/8 inch (9.5 mm) thick.
      5. Glass Type: Bamboo, 3/8 inch (9.5 mm) thick.
      6. Glass Type: Bronze, 3/8 inch (9.5 mm) thick.
      7. Glass Type: Bubbles, 3/8 inch (9.5 mm) thick.
      8. Glass Type: Coral, 3/8 inch (9.5 mm) thick.
      9. Glass Type: Forest, 3/8 inch (9.5 mm) thick.
      10. Glass Type: Glue Chip, 3/8 inch (9.5 mm) thick.
      11. Glass Type: Master Carre, 3/8 inch (9.5 mm) thick.
      12. Glass Type: Monumental, 3/8 inch (9.5 mm) thick.
      13. Glass Type: Paint, 3/8 inch (9.5 mm) thick.
      14. Glass Type: Pattern Glue Chip, 3/8 inch (9.5 mm) thick.
      15. Glass Type: Smoke, 3/8 inch (9.5 mm) thick.
      16. Glass Type: Solexia (Green), 3/8 inch (9.5 mm) thick.
      17. Glass Type: Starphire (Optically Clear), 3/8 inch (9.5 mm) thick.
      18. Glass Type: Krystal Flutex, 3/8 inch (9.5 mm) thick.
      19. Glass Type: Krystal Glacier, 3/8 inch (9.5 mm) thick.
      20. Glass Type: Krystal Rain, 3/8 inch (9.5 mm) thick.
      21. Glass Type: Krystal Serenity, 3/8 inch (9.5 mm) thick.
      22. Glass Type: Krystal Storm, 3/8 inch (9.5 mm) thick.
      23. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Cottage Door pattern.
      24. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Creek pattern.
      25. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Lava pattern.
      26. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Lodge pattern.
      27. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Marine pattern.
      28. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Meander pattern.
      29. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Palm pattern.
      30. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Rock Wall pattern.
      31. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Safari pattern.
      32. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Scuba pattern.
      33. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Sensu pattern.
      34. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Storm pattern.
      35. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Waterfall pattern.
      36. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, custom Venetian Cast Glass pattern.
      37. Glass Type: UltimateOptique Cast Glass, 3/8 inch (9.5 mm) thick, Meander pattern.
      38. Glass Type: UltimateOptique Cast Glass, 3/8 inch (9.5 mm) thick, Palm pattern.
      39. Glass Type: UltimateOptique Cast Glass, 3/8 inch (9.5 mm) thick, custom UltimateOptique pattern.
      40. Glass Type: As selected by Architect from manufacturer's full range of standard available glass options.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the different surface protection systems available with Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete surface protection system options not required.

* + - 1. Surface Protection System for Glass: Cardinal 10 Surface Protection as manufactured by Cardinal Shower Enclosures.
      2. Surface Protection System for Glass: Not required.
      3. Surface Protection System for Glass: As selected by Architect from manufacturer's full range of standard available surface treatments.
      4. Surface Protection System for Glass: As indicated on the Drawings.

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

* + 1. Heavy Euro Series Semi-Frameless Shower Sliders:

\*\* NOTE TO SPECIFIER \*\* Custom heights available. Delete height options not required.

* + - 1. Height: 65 1/2 inches (1664 mm).
      2. Height: 70 1/2 inches (1791 mm).
      3. Height: 75 1/2 inches (1918 mm).
      4. Height: As selected by Architect from manufacturer's full range of standard available height options.
      5. Height: As indicated on the Drawings.

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

* + - 1. Configuration: Semi-Frameless shower slider (HGSE) as manufactured by Cardinal Shower Enclosures.
      2. Configuration: Semi-Frameless shower slider with inline panel (HGSE-I) as manufactured by Cardinal Shower Enclosures.
      3. Configuration: Semi-Frameless shower slider with two inline panels (HGSE-2) as manufactured by Cardinal Shower Enclosures.
      4. Configuration: Semi-Frameless shower slider with 90o return panel (HGSE-3) as manufactured by Cardinal Shower Enclosures.
      5. Configuration: Semi-Frameless shower slider with neo-angle panels (HGSE-4) as manufactured by Cardinal Shower Enclosures.
      6. Configuration: Custom configuration including a Cardinal Series Semi-Frameless Sliding Tub Enclosure (HGSE) as indicated on the Drawings, manufactured by Cardinal Shower Enclosures.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the aluminum extrusion finishes available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete aluminum extrusion finish options not required.

* + - 1. Aluminum extrusion finish: Brushed Nickel.
      2. Aluminum extrusion finish: Chrome.
      3. Aluminum extrusion finish: Gold.
      4. Aluminum extrusion finish: Oil Rubbed Bronze.
      5. Aluminum extrusion finish: Roman Bronze.
      6. Aluminum extrusion finish: Satin.
      7. Aluminum extrusion finish: White.
      8. Aluminum extrusion finish: Custom Powder Coat (color specified below).

\*\* NOTE TO SPECIFIER \*\* Hardware types are specified separately in this section. Delete options not required. Hardware finish will match the aluminum extrusion finish.

* + - 1. Hardware: Through-the-Glass Towel Bar and Knob, Standard.
      2. Hardware: Through-the-Glass Towel Bar and Knob with Recessed Finger Pulls.

\*\* NOTE TO SPECIFIER \*\* The Snap-In Retainer is an optional safety feature to help prevent the sliding doors from coming off the track. Delete if not required.

* + - 1. Use Snap-In Retainer, manufactured by Cardinal Shower Enclosures.

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

* + - 1. Door Style: Cardinal S-Curve.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the glass types and colors available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. The various glass types include: Krystal patterns are made with optically clear glass similar to Starphire. Other patterns are made from the slightly green standard Clear glass; Venetian Cast Glass is kiln formed glass with rich textures; UltimateOptique Glass incorporates a new casting process that integrates the rich textural elements of kiln formed glass with unobstructed, optically clear areas or patters. Delete glass options not required.

* + - 1. Glass Type: Clear, 3/8 inch (9.5 mm) thick, Standard.
      2. Glass Type: Acid Etch, 3/8 inch (9.5 mm) thick.
      3. Glass Type: Antique, 3/8 inch (9.5 mm) thick.
      4. Glass Type: Azuria (Aqua Blue), 3/8 inch (9.5 mm) thick.
      5. Glass Type: Bamboo, 3/8 inch (9.5 mm) thick.
      6. Glass Type: Bronze, 3/8 inch (9.5 mm) thick.
      7. Glass Type: Bubbles, 3/8 inch (9.5 mm) thick.
      8. Glass Type: Coral, 3/8 inch (9.5 mm) thick.
      9. Glass Type: Forest, 3/8 inch (9.5 mm) thick.
      10. Glass Type: Glue Chip, 3/8 inch (9.5 mm) thick.
      11. Glass Type: Master Carre, 3/8 inch (9.5 mm) thick.
      12. Glass Type: Monumental, 3/8 inch (9.5 mm) thick.
      13. Glass Type: Paint, 3/8 inch (9.5 mm) thick.
      14. Glass Type: Pattern Glue Chip, 3/8 inch (9.5 mm) thick.
      15. Glass Type: Smoke, 3/8 inch (9.5 mm) thick.
      16. Glass Type: Solexia (Green), 3/8 inch (9.5 mm) thick.
      17. Glass Type: Starphire (Optically Clear), 3/8 inch (9.5 mm) thick.
      18. Glass Type: Krystal Flutex, 3/8 inch (9.5 mm) thick.
      19. Glass Type: Krystal Glacier, 3/8 inch (9.5 mm) thick.
      20. Glass Type: Krystal Rain, 3/8 inch (9.5 mm) thick.
      21. Glass Type: Krystal Serenity, 3/8 inch (9.5 mm) thick.
      22. Glass Type: Krystal Storm, 3/8 inch (9.5 mm) thick.
      23. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Cottage Door pattern.
      24. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Creek pattern.
      25. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Lava pattern.
      26. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Lodge pattern.
      27. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Marine pattern.
      28. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Meander pattern.
      29. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Palm pattern.
      30. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Rock Wall pattern.
      31. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Safari pattern.
      32. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Scuba pattern.
      33. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Sensu pattern.
      34. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Storm pattern.
      35. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Waterfall pattern.
      36. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, custom Venetian Cast Glass pattern.
      37. Glass Type: UltimateOptique Cast Glass, 3/8 inch (9.5 mm) thick, Meander pattern.
      38. Glass Type: UltimateOptique Cast Glass, 3/8 inch (9.5 mm) thick, Palm pattern.
      39. Glass Type: UltimateOptique Cast Glass, 3/8 inch (9.5 mm) thick, custom UltimateOptique pattern.
      40. Glass Type: As selected by Architect from manufacturer's full range of standard available glass options.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the different surface protection systems available with Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete surface protection system options not required.

* + - 1. Surface Protection System for Glass: Cardinal 10 Surface Protection as manufactured by Cardinal Shower Enclosures.
      2. Surface Protection System for Glass: Not required.
      3. Surface Protection System for Glass: As selected by Architect from manufacturer's full range of standard available surface treatments.
      4. Surface Protection System for Glass: As indicated on the Drawings.

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

* + 1. Apollo Series Semi-Frameless Tub Sliders:

\*\* NOTE TO SPECIFIER \*\* Custom heights available. Delete height options not required.

* + - 1. Height: 54 3/8 inches (1381 mm)
      2. Height: 55 3/8 inches (1407 mm).
      3. Height: 56 3/8 inches (1432 mm).
      4. Height: 57 3/8 inches (1457 mm).
      5. Height: 60 inches (1524 mm).
      6. Height: 62 3/8 inches (1584 mm).
      7. Height: As selected by Architect from manufacturer's full range of standard available height options.
      8. Height: As indicated on the Drawings.

\*\* NOTE TO SPECIFIER \*\* The Apollo Series is only available as a sliding door enclosure with no additional panels.

* + - 1. Configuration: Semi-Frameless tub slider (ATE) as manufactured by Cardinal Shower Enclosures.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the aluminum extrusion finishes available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete aluminum extrusion finish options not required.

* + - 1. Aluminum extrusion finish: Brushed Nickel.
      2. Aluminum extrusion finish: Chrome.
      3. Aluminum extrusion finish: Gold.
      4. Aluminum extrusion finish: Oil Rubbed Bronze.
      5. Aluminum extrusion finish: Roman Bronze.
      6. Aluminum extrusion finish: Satin.
      7. Aluminum extrusion finish: White.
      8. Aluminum extrusion finish: Custom Powder Coat (color specified below).

\*\* NOTE TO SPECIFIER \*\* Only one type of hardware is available with the Apollo unit.

* + - 1. Hardware: Apollo Style Through-The-Glass Towel Bar and Pull.

\*\* NOTE TO SPECIFIER \*\* The Snap-In Retainer is an optional safety feature to help prevent the sliding doors from coming off the track. Delete if not required.

* + - 1. Use Snap-In Retainer, manufactured by Cardinal Shower Enclosures.

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

* + - 1. Door Style: Cardinal S-Curve.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the glass types and colors available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete glass options not required.

* + - 1. Glass Type: Clear, 1/4 inch (6.35 mm) thick, Standard.
      2. Glass Type: Aquatex, 3/16 inch (4.75 mm) thick.
      3. Glass Type: Bamboo, 3/16 inch (4.75 mm) thick.
      4. Glass Type: Glue Chip, 3/16 inch (4.75 mm) thick.
      5. Glass Type: Obscure (P516), 3/16 inch (4.75 mm) thick.
      6. Glass Type: Rain, 3/16 inch (4.75 mm) thick.
      7. Glass Type: Autumn, 1/4 inch (6.35 mm) thick.
      8. Glass Type: Bronze, 1/4 inch (6.35 mm) thick.
      9. Glass Type: Clear, 1/4 inch (6.35 mm) thick door glass
      10. Glass Type: Everglade, 1/4 inch (6.35 mm) thick.
      11. Glass Type: Glacier, 1/4 inch (6.35 mm) thick.
      12. Glass Type: Glue Chip, 1/4 inch (6.35 mm) thick.
      13. Glass Type: Rain, 1/4 inch (6.35 mm) thick.
      14. Glass Type: Reeded, 1/4 inch (6.35 mm) thick.
      15. Glass Type: Satin, 1/4 inch (6.35 mm) thick.
      16. Glass Type: Starphire, 1/4 inch (6.35 mm) thick.
      17. Glass Type: Smoke, 1/4 inch (6.35 mm) thick.
      18. Glass Type: Clear with Shower Guard, 1/4 inch (6.35 mm) thick.
      19. Glass Type: As selected by Architect from manufacturer's full range of standard available glass options.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the different surface protection systems available with Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete surface protection system options not required.

* + - 1. Surface Protection System for Glass: Cardinal 10 Surface Protection as manufactured by Cardinal Shower Enclosures.
      2. Surface Protection System for Glass: Not required.
      3. Surface Protection System for Glass: As selected by Architect from manufacturer's full range of standard available surface treatments.
      4. Surface Protection System for Glass: As indicated on the Drawings.

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

* + 1. Apollo Euro Series Semi-Frameless Shower Sliders:

\*\* NOTE TO SPECIFIER \*\* Custom heights available. Delete height options not required.

* + - 1. Height: 65 3/8 inches (1661 mm).
      2. Height: 67 3/8 inches (1711 mm).
      3. Height: 70 3/8 inches (1788 mm).
      4. Height: 75 3/8 inches (1915 mm).
      5. Height: As selected by Architect from manufacturer's full range of standard available height options.
      6. Height: As indicated on the Drawings.

\*\* NOTE TO SPECIFIER \*\* The Apollo Series is only available as a sliding door enclosure with no additional panels.

* + - 1. Configuration: Semi-Frameless shower slider (ASE) as manufactured by Cardinal Shower Enclosures.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the aluminum extrusion finishes available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete aluminum extrusion finish options not required.

* + - 1. Aluminum extrusion finish: Brushed Nickel.
      2. Aluminum extrusion finish: Chrome.
      3. Aluminum extrusion finish: Gold.
      4. Aluminum extrusion finish: Oil Rubbed Bronze.
      5. Aluminum extrusion finish: Roman Bronze.
      6. Aluminum extrusion finish: Satin.
      7. Aluminum extrusion finish: White.

Aluminum extrusion finish: Custom Powder Coat (color specified below).\*\* NOTE TO SPECIFIER \*\* Only one type of hardware is available with the Apollo unit.

* + - 1. Hardware: Apollo Style Through-The-Glass Towel Bar and Pull.

\*\* NOTE TO SPECIFIER \*\* The Snap-In Retainer is an optional safety feature to help prevent the sliding doors from coming off the track. Delete if not required.

* + - 1. Use Snap-In Retainer, manufactured by Cardinal Shower Enclosures.

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

* + - 1. Door Style: Cardinal S-Curve.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the glass types and colors available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete glass options not required.

* + - 1. Glass Type: Clear, 1/4 inch (6.35 mm) thick, Standard.
      2. Glass Type: Aquatex, 3/16 inch (4.75 mm) thick.
      3. Glass Type: Bamboo, 3/16 inch (4.75 mm) thick.
      4. Glass Type: Glue Chip, 3/16 inch (4.75 mm) thick.
      5. Glass Type: Obscure (P516), 3/16 inch (4.75 mm) thick.
      6. Glass Type: Rain, 3/16 inch (4.75 mm) thick.
      7. Glass Type: Autumn, 1/4 inch (6.35 mm) thick.
      8. Glass Type: Bronze, 1/4 inch (6.35 mm) thick.
      9. Glass Type: Clear, 1/4 inch (6.35 mm) thick door glass
      10. Glass Type: Everglade, 1/4 inch (6.35 mm) thick.
      11. Glass Type: Glacier, 1/4 inch (6.35 mm) thick.
      12. Glass Type: Glue Chip, 1/4 inch (6.35 mm) thick.
      13. Glass Type: Rain, 1/4 inch (6.35 mm) thick.
      14. Glass Type: Reeded, 1/4 inch (6.35 mm) thick.
      15. Glass Type: Satin, 1/4 inch (6.35 mm) thick.
      16. Glass Type: Starphire, 1/4 inch (6.35 mm) thick.
      17. Glass Type: Smoke, 1/4 inch (6.35 mm) thick.
      18. Glass Type: Clear with Shower Guard, 1/4 inch (6.35 mm) thick.
      19. Glass Type: As selected by Architect from manufacturer's full range of standard available glass options.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the different surface protection systems available with Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete surface protection system options not required.

* + - 1. Surface Protection System for Glass: Cardinal 10 Surface Protection as manufactured by Cardinal Shower Enclosures.
      2. Surface Protection System for Glass: Not required.
      3. Surface Protection System for Glass: As selected by Architect from manufacturer's full range of standard available surface treatments.
      4. Surface Protection System for Glass: As indicated on the Drawings.

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

* + 1. Heavy Apollo Series Semi-Frameless Tub Sliders:

\*\* NOTE TO SPECIFIER \*\* Custom heights available. Delete height options not required.

* + - 1. Height: 57 1/2 inches (1460 mm).
      2. Height: 60 inches (1524 mm).
      3. Height: 62 1/2 inches (1587 mm).
      4. Height: As selected by Architect from manufacturer's full range of standard available height options.
      5. Height: As indicated on the Drawings.

\*\* NOTE TO SPECIFIER \*\* The Apollo Series is only available as a sliding door enclosure with no additional panels.

* + - 1. Configuration: Semi-Frameless tub slider (HATE) as manufactured by Cardinal Shower Enclosures.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the aluminum extrusion finishes available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete aluminum extrusion finish options not required.

* + - 1. Aluminum extrusion finish: Brushed Nickel.
      2. Aluminum extrusion finish: Chrome.
      3. Aluminum extrusion finish: Gold.
      4. Aluminum extrusion finish: Oil Rubbed Bronze.
      5. Aluminum extrusion finish: Roman Bronze.
      6. Aluminum extrusion finish: Satin.
      7. Aluminum extrusion finish: White.
      8. Aluminum extrusion finish: Custom Powder Coat (color specified below).

\*\* NOTE TO SPECIFIER \*\* Only one type of hardware is available with the Apollo unit.

* + - 1. Hardware: Apollo Style Through-The-Glass Towel Bar and Pull.

\*\* NOTE TO SPECIFIER \*\* The Snap-In Retainer is an optional safety feature to help prevent the sliding doors from coming off the track. Delete if not required.

* + - 1. Use Snap-In Retainer, manufactured by Cardinal Shower Enclosures.

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

* + - 1. Door Style: Cardinal S-Curve.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the glass types and colors available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. The various glass types include: Krystal patterns are made with optically clear glass similar to Starphire. Other patterns are made from the slightly green standard Clear glass; Venetian Cast Glass is kiln formed glass with rich textures; UltimateOptique Glass incorporates a new casting process that integrates the rich textural elements of kiln formed glass with unobstructed, optically clear areas or patters. Delete glass options not required.

* + - 1. Glass Type: Clear, 3/8 inch (9.5 mm) thick, Standard.
      2. Glass Type: Acid Etch, 3/8 inch (9.5 mm) thick.
      3. Glass Type: Antique, 3/8 inch (9.5 mm) thick.
      4. Glass Type: Azuria (Aqua Blue), 3/8 inch (9.5 mm) thick.
      5. Glass Type: Bamboo, 3/8 inch (9.5 mm) thick.
      6. Glass Type: Bronze, 3/8 inch (9.5 mm) thick.
      7. Glass Type: Bubbles, 3/8 inch (9.5 mm) thick.
      8. Glass Type: Coral, 3/8 inch (9.5 mm) thick.
      9. Glass Type: Forest, 3/8 inch (9.5 mm) thick.
      10. Glass Type: Glue Chip, 3/8 inch (9.5 mm) thick.
      11. Glass Type: Master Carre, 3/8 inch (9.5 mm) thick.
      12. Glass Type: Monumental, 3/8 inch (9.5 mm) thick.
      13. Glass Type: Paint, 3/8 inch (9.5 mm) thick.
      14. Glass Type: Pattern Glue Chip, 3/8 inch (9.5 mm) thick.
      15. Glass Type: Smoke, 3/8 inch (9.5 mm) thick.
      16. Glass Type: Solexia (Green), 3/8 inch (9.5 mm) thick.
      17. Glass Type: Starphire (Optically Clear), 3/8 inch (9.5 mm) thick.
      18. Glass Type: Krystal Flutex, 3/8 inch (9.5 mm) thick.
      19. Glass Type: Krystal Glacier, 3/8 inch (9.5 mm) thick.
      20. Glass Type: Krystal Rain, 3/8 inch (9.5 mm) thick.
      21. Glass Type: Krystal Serenity, 3/8 inch (9.5 mm) thick.
      22. Glass Type: Krystal Storm, 3/8 inch (9.5 mm) thick.
      23. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Cottage Door pattern.
      24. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Creek pattern.
      25. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Lava pattern.
      26. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Lodge pattern.
      27. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Marine pattern.
      28. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Meander pattern.
      29. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Palm pattern.
      30. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Rock Wall pattern.
      31. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Safari pattern.
      32. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Scuba pattern.
      33. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Sensu pattern.
      34. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Storm pattern.
      35. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Waterfall pattern.
      36. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, custom Venetian Cast Glass pattern.
      37. Glass Type: UltimateOptique Cast Glass, 3/8 inch (9.5 mm) thick, Meander pattern.
      38. Glass Type: UltimateOptique Cast Glass, 3/8 inch (9.5 mm) thick, Palm pattern.
      39. Glass Type: UltimateOptique Cast Glass, 3/8 inch (9.5 mm) thick, custom UltimateOptique pattern.
      40. Glass Type: As selected by Architect from manufacturer's full range of standard available glass options.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the different surface protection systems available with Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete surface protection system options not required.

* + - 1. Surface Protection System for Glass: Cardinal 10 Surface Protection as manufactured by Cardinal Shower Enclosures.
      2. Surface Protection System for Glass: Not required.
      3. Surface Protection System for Glass: As selected by Architect from manufacturer's full range of standard available surface treatments.
      4. Surface Protection System for Glass: As indicated on the Drawings.

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

* + 1. Heavy Apollo Series Semi-Frameless Shower Sliders:

\*\* NOTE TO SPECIFIER \*\* Custom heights available. Delete height options not required.

* + - 1. Height: 65 1/2 inches (1664 mm).
      2. Height: 70 1/2 inches (1791 mm).
      3. Height: 75 1/2 inches (1918 mm).
      4. Height: As selected by Architect from manufacturer's full range of standard available height options.
      5. Height: As indicated on the Drawings.

\*\* NOTE TO SPECIFIER \*\* The Apollo Series is only available as a sliding door enclosure with no additional panels.

* + - 1. Configuration: Semi-Frameless shower slider (HASE) as manufactured by Cardinal Shower Enclosures.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the aluminum extrusion finishes available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete aluminum extrusion finish options not required.

* + - 1. Aluminum extrusion finish: Brushed Nickel.
      2. Aluminum extrusion finish: Chrome.
      3. Aluminum extrusion finish: Gold.
      4. Aluminum extrusion finish: Oil Rubbed Bronze.
      5. Aluminum extrusion finish: Roman Bronze.
      6. Aluminum extrusion finish: Satin.
      7. Aluminum extrusion finish: White.
      8. Aluminum extrusion finish: Custom Powder Coat (color specified below).

\*\* NOTE TO SPECIFIER \*\* Only one type of hardware is available with the Apollo unit.

* + - 1. Hardware: Apollo Style Through-The-Glass Towel Bar and Pull.

\*\* NOTE TO SPECIFIER \*\* The Snap-In Retainer is an optional safety feature to help prevent the sliding doors from coming off the track. Delete if not required.

* + - 1. Use Snap-In Retainer, manufactured by Cardinal Shower Enclosures.

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

* + - 1. Door Style: Cardinal S-Curve.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the glass types and colors available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. The various glass types include: Krystal patterns are made with optically clear glass similar to Starphire. Other patterns are made from the slightly green standard Clear glass; Venetian Cast Glass is kiln formed glass with rich textures; UltimateOptique Glass incorporates a new casting process that integrates the rich textural elements of kiln formed glass with unobstructed, optically clear areas or patters. Delete glass options not required.

* + - 1. Glass Type: Clear, 3/8 inch (9.5 mm) thick, Standard.
      2. Glass Type: Acid Etch, 3/8 inch (9.5 mm) thick.
      3. Glass Type: Antique, 3/8 inch (9.5 mm) thick.
      4. Glass Type: Azuria (Aqua Blue), 3/8 inch (9.5 mm) thick.
      5. Glass Type: Bamboo, 3/8 inch (9.5 mm) thick.
      6. Glass Type: Bronze, 3/8 inch (9.5 mm) thick.
      7. Glass Type: Bubbles, 3/8 inch (9.5 mm) thick.
      8. Glass Type: Coral, 3/8 inch (9.5 mm) thick.
      9. Glass Type: Forest, 3/8 inch (9.5 mm) thick.
      10. Glass Type: Glue Chip, 3/8 inch (9.5 mm) thick.
      11. Glass Type: Master Carre, 3/8 inch (9.5 mm) thick.
      12. Glass Type: Monumental, 3/8 inch (9.5 mm) thick.
      13. Glass Type: Paint, 3/8 inch (9.5 mm) thick.
      14. Glass Type: Pattern Glue Chip, 3/8 inch (9.5 mm) thick.
      15. Glass Type: Smoke, 3/8 inch (9.5 mm) thick.
      16. Glass Type: Solexia (Green), 3/8 inch (9.5 mm) thick.
      17. Glass Type: Starphire (Optically Clear), 3/8 inch (9.5 mm) thick.
      18. Glass Type: Krystal Flutex, 3/8 inch (9.5 mm) thick.
      19. Glass Type: Krystal Glacier, 3/8 inch (9.5 mm) thick.
      20. Glass Type: Krystal Rain, 3/8 inch (9.5 mm) thick.
      21. Glass Type: Krystal Serenity, 3/8 inch (9.5 mm) thick.
      22. Glass Type: Krystal Storm, 3/8 inch (9.5 mm) thick.
      23. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Cottage Door pattern.
      24. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Creek pattern.
      25. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Lava pattern.
      26. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Lodge pattern.
      27. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Marine pattern.
      28. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Meander pattern.
      29. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Palm pattern.
      30. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Rock Wall pattern.
      31. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Safari pattern.
      32. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Scuba pattern.
      33. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Sensu pattern.
      34. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Storm pattern.
      35. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Waterfall pattern.
      36. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, custom Venetian Cast Glass pattern.
      37. Glass Type: UltimateOptique Cast Glass, 3/8 inch (9.5 mm) thick, Meander pattern.
      38. Glass Type: UltimateOptique Cast Glass, 3/8 inch (9.5 mm) thick, Palm pattern.
      39. Glass Type: UltimateOptique Cast Glass, 3/8 inch (9.5 mm) thick, custom UltimateOptique pattern.
      40. Glass Type: As selected by Architect from manufacturer's full range of standard available glass options.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the different surface protection systems available with Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete surface protection system options not required.

* + - 1. Surface Protection System for Glass: Cardinal 10 Surface Protection as manufactured by Cardinal Shower Enclosures.
      2. Surface Protection System for Glass: Not required.
      3. Surface Protection System for Glass: As selected by Architect from manufacturer's full range of standard available surface treatments.
      4. Surface Protection System for Glass: As indicated on the Drawings.

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

* + 1. Skyline Series Frameless Shower Enclosure:

\*\* NOTE TO SPECIFIER \*\* Skyline series enclosures are custom made to fit the exact opening. Custom heights available. Delete height options not required.

* + - 1. Height: 60 inches (1524 mm).
      2. Height: 70 inches (1778 mm).
      3. Height: 80 inches (2032 mm).
      4. Height: As indicated on the Drawings.

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

* + - 1. Configuration: Sliding door with fixed inline panel.
      2. Configuration: Sliding door with fixed inline panel and return panel.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the aluminum extrusion finishes available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete finish options not required.

* + - 1. Glass-to-Wall Hardware Style: Clips.
      2. Hardware Type: Standard Skyline Pull.
      3. Hardware Finish: Polished Stainless Steel.
      4. Hardware Finish: Brushed Stainless Steel.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the glass types and colors available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. The various glass types include: Krystal patterns are made with optically clear glass similar to Starphire. Other patterns are made from the slightly green standard Clear glass. Delete glass options not required.

* + - 1. Glass Type: Clear, 3/8 inch (9.5 mm) thick, Standard.
      2. Glass Type: Acid Etch, 3/8 inch (9.5 mm) thick.
      3. Glass Type: Antique, 3/8 inch (9.5 mm) thick.
      4. Glass Type: Azuria (Aqua Blue), 3/8 inch (9.5 mm) thick.
      5. Glass Type: Bamboo, 3/8 inch (9.5 mm) thick.
      6. Glass Type: Bronze, 3/8 inch (9.5 mm) thick.
      7. Glass Type: Bubbles, 3/8 inch (9.5 mm) thick.
      8. Glass Type: Coral, 3/8 inch (9.5 mm) thick.
      9. Glass Type: Forest, 3/8 inch (9.5 mm) thick.
      10. Glass Type: Glue Chip, 3/8 inch (9.5 mm) thick.
      11. Glass Type: Master Carre, 3/8 inch (9.5 mm) thick.
      12. Glass Type: Monumental, 3/8 inch (9.5 mm) thick.
      13. Glass Type: Paint, 3/8 inch (9.5 mm) thick.
      14. Glass Type: Pattern Glue Chip, 3/8 inch (9.5 mm) thick.
      15. Glass Type: Smoke, 3/8 inch (9.5 mm) thick.
      16. Glass Type: Solexia (Green), 3/8 inch (9.5 mm) thick.
      17. Glass Type: Starphire (Optically Clear), 3/8 inch (9.5 mm) thick.
      18. Glass Type: Krystal Flutex, 3/8 inch (9.5 mm) thick.
      19. Glass Type: Krystal Glacier, 3/8 inch (9.5 mm) thick.
      20. Glass Type: Krystal Rain, 3/8 inch (9.5 mm) thick.
      21. Glass Type: Krystal Serenity, 3/8 inch (9.5 mm) thick.
      22. Glass Type: Krystal Storm, 3/8 inch (9.5 mm) thick.
      23. Glass Type: As selected by Architect from manufacturer's full range of standard available glass options.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the different edging available with Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete options not required.

* + - 1. Top Edge of Glass: Straight, standard.
      2. Top Edge of Glass: Chipped edge, applied to straight cut.
      3. Top Edge of Glass: Chipped edge, applied to ragged wave cut top.
      4. Top Edge of Glass: Custom edge per Drawings.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the different surface protection systems available with Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete surface protection system options not required.

* + - 1. Surface Protection System for Glass: Cardinal 10 Surface Protection as manufactured by Cardinal Shower Enclosures.
      2. Surface Protection System for Glass: Not required.
      3. Surface Protection System for Glass: As selected by Architect from manufacturer's full range of standard available surface treatments.
      4. Surface Protection System for Glass: As indicated on the Drawings.

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

* + 1. Skyline Ultimate Series Frameless Shower Enclosure:

\*\* NOTE TO SPECIFIER \*\* Skyline series enclosures are custom made to fit the exact opening. Custom heights available. Delete height options not required.

* + - 1. Height: 60 inches (1524 mm).
      2. Height: 70 inches (1778 mm).
      3. Height: 80 inches (2032 mm).
      4. Height: As indicated on the Drawings.

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

* + - 1. Configuration: Sliding door with fixed inline panel.
      2. Configuration: Sliding door with fixed inline panel and return panel.

\*\*NOTE TO SPECIFIER\*\* For comparison and details of the aluminum extrusion finishes available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete finish options not required.

* + - 1. Glass-to-Wall Hardware Style: Clips.
      2. Hardware Type: Standard Skyline Pull.
      3. Hardware Finish: Polished Stainless Steel.
      4. Hardware Finish: Brushed Stainless Steel.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the glass types and colors available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete glass options not required.

* + - 1. Glass Type: Clear, 1/2 inch (12.7 mm) thick.
      2. Glass Type: Acid Etch, 1/2 inch (12.7 mm) thick.
      3. Glass Type: Starphire, 1/2 inch (12.7 mm) thick.
      4. Glass Type: As selected by Architect from manufacturer's full range of standard available glass options.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the different edging available with Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete surface treatment options not required.

* + - 1. Top Edge of Glass: Straight, standard.
      2. Top Edge of Glass: Chipped edge, applied to straight cut.
      3. Top Edge of Glass: Chipped edge, applied to ragged wave cut top.
      4. Top Edge of Glass: Custom edge per Drawings.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the different surface protection systems available with Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete surface protection system options not required.

* + - 1. Surface Protection System for Glass: Cardinal 10 Surface Protection as manufactured by Cardinal Shower Enclosures.
      2. Surface Protection System for Glass: Not required.
      3. Surface Protection System for Glass: As selected by Architect from manufacturer's full range of standard available surface treatments.
      4. Surface Protection System for Glass: As indicated on the Drawings.

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

* + 1. TruFit Semi-Frameless Swing Door Enclosures:

\*\* NOTE TO SPECIFIER \*\* Custom heights available. Delete height options not required.

* + - 1. Height: 72 inches (1829 mm).
      2. Height: 75 inches (1905 mm).
      3. Height: As selected by Architect from manufacturer's full range of standard available height options.
      4. Height: As indicated on the Drawings.

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

* + - 1. Configuration: Single swing door (TRU) as manufactured by Cardinal Shower Enclosures.
      2. Configuration: Single swing door with inline panel (TRUI) as manufactured by Cardinal Shower Enclosures.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the aluminum extrusion finishes available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. Delete aluminum extrusion finish options not required.

* + - 1. Hardware Type: Through-the-Glass back-to-back C-Pull.
      2. Aluminum extrusion finish: Brushed Nickel.
      3. Aluminum extrusion finish: Chrome.
      4. Aluminum extrusion finish: Roman Bronze.
      5. Aluminum extrusion finish: Oil-Rubbed Bronze.
      6. Aluminum extrusion finish: White.
      7. Aluminum extrusion finish: Custom Powder Coat (color specified below).
      8. Glass Type: Clear, 3/8 inch (9.5 mm) thick, Standard.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the different surface protection systems available with Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete surface protection system options not required.

* + - 1. Surface Protection System for Glass: Cardinal 10 Surface Protection as manufactured by Cardinal Shower Enclosures.
      2. Surface Protection System for Glass: Not required.
      3. Surface Protection System for Glass: As selected by Architect from manufacturer's full range of standard available surface treatments.
      4. Surface Protection System for Glass: As indicated on the Drawings.

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

* + 1. Heavy Glass Frameless Shower Enclosure:

\*\* NOTE TO SPECIFIER \*\* Due to the extreme flexibility of custom made heavy glass shower enclosures, we've endeavored here to provide you with a list of the general options which you can specify to include in your enclosure. If you have any questions regarding the design constraints or suggestions, please contact Cardinal Shower Enclosures.

\*\* NOTE TO SPECIFIER \*\* Custom heights available. Delete height options not required.

* + - 1. Height: 69 inches (1753 mm).
      2. Height: 72 inches (1829 mm).
      3. Height: 75 inches (1905 mm).
      4. Height: 80 inches (2032 mm).
      5. Height: 90 inches (2286 mm).
      6. Height: As indicated on the Drawings.

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

* + - 1. Configuration: Single door, manufactured by Cardinal Shower Enclosures.
      2. Configuration: Double doors, manufactured by Cardinal Shower Enclosures.
      3. Configuration: Door with inline panel, manufactured by Cardinal Shower Enclosures.
      4. Configuration: Door with two inline panels, manufactured by Cardinal Shower Enclosures.
      5. Configuration: Door with 90o return panel, manufactured by Cardinal Shower Enclosures.
      6. Configuration: Door with inline and 90o return panel, manufactured by Cardinal Shower Enclosures.
      7. Configuration: Door with neo-angle panels, manufactured by Cardinal Shower Enclosures.
      8. Configuration: Custom configuration as indicated on the Drawings, manufactured by Cardinal Shower Enclosures.

\*\* NOTE TO SPECIFIER \*\* Select the type of header profile for the shower enclosure. For comparison and details of the header styles available for Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete header options not required.

* + - 1. Header Style: Standard style shower enclosure header profile (ZSS 4101A).
      2. Header Style: Apollo style shower enclosure header profile (ZSS 8101).
      3. Header Style: Support Bar(s) with Clamp(s).
      4. Header Style: No header required.

\*\* NOTE TO SPECIFIER \*\* Delete door swing hardware not required.

* + - 1. Door Swing Hardware: Standard hinges, beveled edge.
      2. Door Swing Hardware: Standard hinges, square edge.
      3. Door Swing Hardware: Heavy duty hinges, square edge.
      4. Door Swing Hardware: Pivot hinges, beveled edge.
      5. Door Swing Hardware: Pivot hinges, square edge.

\*\* NOTE TO SPECIFIER \*\* Delete glass to wall hardware style not required.

* + - 1. Glass-to-Wall Hardware Style: Clips, beveled edge.
      2. Glass-to-Wall Hardware Style: Clips, square edge.
      3. Glass-to-Wall Hardware Style: Shallow channels.
      4. Glass-to-Wall Hardware Style: Deep channels.

\*\* NOTE TO SPECIFIER \*\* Hardware types are specified separately in this section. Hardware finish will match the aluminum extrusion finish. Delete options not required.

* + - 1. Hardware: 6 inch Back-to-Back C-Pull.
      2. Hardware: 8 inch Back-to-Back C-Pull.
      3. Hardware: 6 inch Apollo Style Back-to-Back C-Pull.
      4. Hardware: 8 inch Apollo Style Back-to-Back C-Pull.
      5. Hardware: Towel Bar/Pull Combo.
      6. Hardware: Custom.

\*\* NOTE TO SPECIFIER \*\* If selecting a Venetian Cast Glass pull, you must select the pull style, the pull color, and the type of hardware for the inside of the enclosure. Delete options not required.

* + - 1. Hardware - Outside Enclosure: Venetian Cast Glass Pull, 360 style.
      2. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Arrow style.
      3. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Aspen Leaf style.
      4. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Aztec style.
      5. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Bear style.
      6. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Blade style.
      7. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Cactus style.
      8. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Cat style.
      9. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Crescent Wave style.
      10. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Dolphin style.
      11. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Eiffel Tower style.
      12. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Ellipse style.
      13. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Fleur-de-lis style.
      14. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Giraffe style.
      15. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Guitar style.

\*\* NOTE TO SPECIFIER \*\* On a custom basis, Cardinal Shower Enclosures can match the shape, size and design of nearly any guitar model. Fill in the blank below with a description of the desired guitar. Delete if not required.

* + - 1. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Guitar to match model \_\_\_\_\_.
      2. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Keystone style.
      3. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Lighthouse style.
      4. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Maple Leaf style.
      5. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Oak Leaf style.
      6. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Palm Tree style.
      7. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Penguin style.
      8. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Pineapple style.
      9. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Rectangle style.
      10. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Sand Dollar style.
      11. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Shell style.
      12. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Sunflower style.
      13. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Surfboard style.
      14. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Texas style.
      15. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Trout style.
      16. Hardware - Outside Enclosure: Venetian Cast Glass Pull, Wolf style.
      17. Hardware - Outside Enclosure: Venetian Cast Glass Pull, custom design, as indicated in Drawings.
      18. Hardware - Outside Enclosure: As selected by Architect from manufacturer's full range of standard available retrofit pull shapes options.
      19. Hardware - Venetian Cast Glass Pull Color: Clear, 3/8 inch (9.5 mm) thick.
      20. Hardware - Venetian Cast Glass Pull Color: Starphire (Optically Clear), 3/8 inch (9.5 mm) thick.
      21. Hardware - Venetian Cast Glass Pull Color: Solexia (Green) , 3/8 inch (9.5 mm) thick.
      22. Hardware - Venetian Cast Glass Pull Color: Azuria (Blue) , 3/8 inch (9.5 mm) thick.
      23. Hardware - Venetian Cast Glass Pull Color: Rosetta (Salmon Pink) , 3/8 inch (9.5 mm) thick.
      24. Hardware - Venetian Cast Glass Pull Color: Bronze, 3/8 inch (9.5 mm) thick.
      25. Hardware - Venetian Cast Glass Pull Color: Smoke, 3/8 inch (9.5 mm) thick.
      26. Hardware - Inside Enclosure: 6 inch C-Pull.
      27. Hardware - Inside Enclosure: 8 inch C-Pull.
      28. Hardware - Inside Enclosure: Knob.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the aluminum finishes available for Cardinal heavy glass hardware, see manufacturer's literature. Delete options not required.

* + - 1. Heavy Glass Hardware Finish: Brushed Nickel.
      2. Heavy Glass Hardware Finish: Chrome.
      3. Heavy Glass Hardware Finish: Gold.
      4. Heavy Glass Hardware Finish: Oil Rubbed Bronze.
      5. Heavy Glass Hardware Finish: Satin.

\*\* NOTE TO SPECIFIER \*\* If ordering a Venetian Cast Glass Pull, note that the standoffs for the pull are not available in Antique or White. Delete options not required.

* + - 1. Heavy Glass Hardware Finish: Antique.
      2. Heavy Glass Hardware Finish: White.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the glass types and colors available for Cardinal Shower and Tub Enclosures, see manufacturer's literature. The various glass types include: Krystal patterns are made with optically clear glass similar to Starphire. Other patterns are made from the slightly green standard Clear glass; Venetian Cast Glass is kiln formed glass with rich textures; UltimateOptique Glass incorporates a new casting process that integrates the rich textural elements of kiln formed glass with unobstructed, optically clear areas or patters. Delete glass options not required.

* + - 1. Glass Type: Clear, 3/8 inch (9.5 mm) thick.
      2. Glass Type: Clear, 3/8 inch (9.5 mm) thick, with ShowerGuard Surface Protection, manufactured by Guardian.
      3. Glass Type: Acid Etch, 3/8 inch (9.5 mm) thick.
      4. Glass Type: Antique, 3/8 inch (9.5 mm) thick.
      5. Glass Type: Azuria (Aqua Blue), 3/8 inch (9.5 mm) thick.
      6. Glass Type: Bamboo, 3/8 inch (9.5 mm) thick.
      7. Glass Type: Bronze, 3/8 inch (9.5 mm) thick.
      8. Glass Type: Bubbles, 3/8 inch (9.5 mm) thick.
      9. Glass Type: Coral, 3/8 inch (9.5 mm) thick.
      10. Glass Type: Forest, 3/8 inch (9.5 mm) thick.
      11. Glass Type: Glue Chip, 3/8 inch (9.5 mm) thick.
      12. Glass Type: Master Carre, 3/8 inch (9.5 mm) thick.
      13. Glass Type: Monumental, 3/8 inch (9.5 mm) thick.
      14. Glass Type: Paint, 3/8 inch (9.5 mm) thick.
      15. Glass Type: Pattern Glue Chip, 3/8 inch (9.5 mm) thick.
      16. Glass Type: Smoke, 3/8 inch (9.5 mm) thick.
      17. Glass Type: Solexia (Green), 3/8 inch (9.5 mm) thick.
      18. Glass Type: Starphire (Optically Clear), 3/8 inch (9.5 mm) thick.
      19. Glass Type: Krystal Flutex, 3/8 inch (9.5 mm) thick.
      20. Glass Type: Krystal Glacier, 3/8 inch (9.5 mm) thick.
      21. Glass Type: Krystal Rain, 3/8 inch (9.5 mm) thick.
      22. Glass Type: Krystal Serenity, 3/8 inch (9.5 mm) thick.
      23. Glass Type: Krystal Storm, 3/8 inch (9.5 mm) thick.
      24. Glass Type: Clear, 1/2 inch (12.7 mm) thick.
      25. Glass Type: Acid Etch, 1/2 inch (12.7 mm) thick.
      26. Glass Type: Starphire, 1/2 inch (12.7 mm) thick.
      27. Glass Type: Clear with Shower Guard, 1/2 inch (12.7 mm) thick.
      28. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Cottage Door pattern.
      29. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Creek pattern.
      30. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Lava pattern.
      31. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Lodge pattern.
      32. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Marine pattern.
      33. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Meander pattern.
      34. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Palm pattern.
      35. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Rock Wall pattern.
      36. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Safari pattern.
      37. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Scuba pattern.
      38. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Sensu pattern.
      39. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Storm pattern.
      40. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, Waterfall pattern.
      41. Glass Type: Venetian Cast Glass, 3/8 inch (9.5 mm) thick, custom Venetian Cast Glass pattern.
      42. Glass Type: UltimateOptique Cast Glass, 3/8 inch (9.5 mm) thick, Meander pattern.
      43. Glass Type: UltimateOptique Cast Glass, 3/8 inch (9.5 mm) thick, Palm pattern.
      44. Glass Type: UltimateOptique Cast Glass, 3/8 inch (9.5 mm) thick, custom Ultra UltimateOptique.
      45. Glass Type: As selected by Architect from manufacturer's full range of standard available glass options.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the different edging available with Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete surface treatment options not required.

* + - 1. Top Edge of Glass: Straight, standard.
      2. Top Edge of Glass: Chipped edge, applied to straight cut.
      3. Top Edge of Glass: Chipped edge, applied to ragged wave cut top.
      4. Top Edge of Glass: Custom edge per Drawings.

\*\* NOTE TO SPECIFIER \*\* Transoms may be used to vent steam from the enclosure. These can be placed in the door, above the door, or in the other enclosure panels. Delete transoms not required.

* + - 1. Transom Vent: In the door.
      2. Transom Vent: Above the door, as indicated on the Drawings.
      3. Transom Vent: In shower enclosure panel, as indicated on the Drawings.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the different surface protection systems available with Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete surface protection system options not required.

* + - 1. Surface Protection System for Glass: Cardinal 10 Surface Protection as manufactured by Cardinal Shower Enclosures.
      2. Surface Protection System for Glass: Not required.
      3. Surface Protection System for Glass: As selected by Architect from manufacturer's full range of standard available surface treatments.
      4. Surface Protection System for Glass: As indicated on the Drawings.

\*\* NOTE TO SPECIFIER \*\* Polycarbonates help eliminate leakage while maintaining the all glass look. The manufacturer recommends securing the polycarbonates with crystal clear two-way tape. Fill in the blank below and duplicate the line if necessary to specify multiple types of polycarbonate hardware for frameless shower doors. For comparison and details of the different polycarbonates available with Cardinal Shower and Bath Enclosures, see manufacturer's literature. Delete if not required.

* + - 1. Polycarbonates: Heavy Glass Water Seal.
      2. Polycarbonates: Model \_\_\_\_\_\_\_\_\_\_.

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

* + 1. Custom Powder Coat Color for Aluminum Extrusions For Shower and Tub Enclosures as manufactured by Cardinal Shower Enclosures:

\*\* NOTE TO SPECIFIER \*\* Delete custom powder coating colors for aluminum extrusion not required. Delete all custom powder coating options if specifying aluminum extrusion finish.

* + - 1. Custom Powder Coating Color: 009-RD02, Dark Red 90 percent Gloss.
      2. Custom Powder Coating Color: T009-RD03, Red 90 percent Gloss.
      3. Custom Powder Coating Color: T241-RD129, Red Fine Texture Semi-Gloss.
      4. Custom Powder Coating Color: T013-RD15, Red Hammer Semi-Gloss.
      5. Custom Powder Coating Color: T009-RD01, Red 90 percent Gloss.
      6. Custom Powder Coating Color: T009-OG26, international Orange 90 percent Gloss.
      7. Custom Powder Coating Color: T009-OG01, Safety Orange 90 percent Gloss.
      8. Custom Powder Coating Color: T009-YL71, Yellow 90 percent Gloss.
      9. Custom Powder Coating Color: T009-YL14, Yellow #13538 90 percent Gloss.
      10. Custom Powder Coating Color: T009-YL01, Yellow 90 percent Gloss.
      11. Custom Powder Coating Color: T007-GN16, Traffic Green 70 percent Gloss.
      12. Custom Powder Coating Color: T013-GN220, Green Hammer Semi-Gloss.
      13. Custom Powder Coating Color: C006-GN03, Green 60 percent Gloss.
      14. Custom Powder Coating Color: T008-BL20, Dark Blue 80 percent Gloss.
      15. Custom Powder Coating Color: T032-BL04, Blue Texture #25109 Semi-Gloss.
      16. Custom Powder Coating Color: T007-GN13, D.O.T. Green #14066 70 percent Gloss.
      17. Custom Powder Coating Color: T009-BL01, Blue 90 percent Gloss.
      18. Custom Powder Coating Color: C241-BL210, Blue Fine Texture Semi Gloss.
      19. Custom Powder Coating Color: T009-BL05, Blue 90 percent Gloss.
      20. Custom Powder Coating Color: P009-BK180, Black Ultra-Smooth 90 percent Gloss.
      21. Custom Powder Coating Color: T009-BK12, Black #17038 90 percent Gloss.
      22. Custom Powder Coating Color: P008-BK06, Black 80 percent Gloss.
      23. Custom Powder Coating Color: T008-BK181, Black 80 percent Gloss.
      24. Custom Powder Coating Color: T006-BK05, Black 60 percent Gloss.
      25. Custom Powder Coating Color: TK05-BK78, Black 50 percent Gloss.
      26. Custom Powder Coating Color: P004-BK02, Black 40 percent Gloss.
      27. Custom Powder Coating Color: T001-BK120, Black 10 percent Gloss.
      28. Custom Powder Coating Color: C24-BK01, Black Texture Semi-Gloss.
      29. Custom Powder Coating Color: T241-BK59, Black Texture Semi-Gloss.
      30. Custom Powder Coating Color: C241-BK110, Black Extra Fine Texture Semi-Gloss.
      31. Custom Powder Coating Color: C241-BK109, Black Fine Texture Semi-Gloss.
      32. Custom Powder Coating Color: T002-BK08, Black #27038 20 percent Gloss.
      33. Custom Powder Coating Color: P141-BK03, Black Fine Texture Low-Gloss.
      34. Custom Powder Coating Color: C081-BK176, Black Wrinkle Semi-Gloss.
      35. Custom Powder Coating Color: T032-BR62, Brown Fine-Texture Semi-Gloss.
      36. Custom Powder Coating Color: P004-BR23, Bronze 40 percent Gloss.
      37. Custom Powder Coating Color: T013-BK62, Black Hammer Semi-Gloss.
      38. Custom Powder Coating Color: P003-GR01, Gray #26307 30 percent Gloss.
      39. Custom Powder Coating Color: P004-GR09, ANSI #49 Gray 40 percent Gloss.
      40. Custom Powder Coating Color: P004-GR16, ANSI #61 Gray 40 percent Gloss.
      41. Custom Powder Coating Color: T008-GR736, ANSI #61 Gray 80 percent Gloss.
      42. Custom Powder Coating Color: P008-GR21, RAL 7042 Gray 80 percent Gloss.
      43. Custom Powder Coating Color: T032-BG03, Beige Texture Semi-Gloss.
      44. Custom Powder Coating Color: T009-BG16, Designer Beige 90 percent Gloss.
      45. Custom Powder Coating Color: P005-WH01, White #27875 50 percent Gloss.
      46. Custom Powder Coating Color: T002-WH08, White 20 percent Gloss.
      47. Custom Powder Coating Color: T009-GR230, RAL 7035 Gray 90 percent Gloss.
      48. Custom Powder Coating Color: T009-WH13, White 90 percent Gloss.
      49. Custom Powder Coating Color: P009-WH14, White 90 percent Gloss.
      50. Custom Powder Coating Color: T032-WH15, White Texture Semi-Gloss.
      51. Custom Powder Coating Color: C031-WH120, White Texture Semi-Gloss.
      52. Custom Powder Coating Color: T009-BG01, Almond 90 percent Gloss.
      53. Custom Powder Coating Color: T375-BK07, Copper Vein Semi-Gloss.
      54. Custom Powder Coating Color: T375-BK10, Gold Vein Semi-Gloss.
      55. Custom Powder Coating Color: T375-BK26, Silver Vein Semi-Gloss.
      56. Custom Powder Coating Color: T075-WH34, Black/White Vein Semi-Gloss.
      57. Custom Powder Coating Color: T064-BR24, Bronze Hammertone Semi-Gloss.
      58. Custom Powder Coating Color: T064-GR660, Gray Hammertone Semi-Gloss.
      59. Custom Powder Coating Color: T064-GR05, Silver Hammertone Semi-Gloss.
      60. Custom Powder Coating Color: T064-BL95, Blue Hammertone Semi-Gloss.
      61. Custom Powder Coating Color: T064-GN81, Green Hammertone Semi-Gloss.
      62. Custom Powder Coating Color: As selected by Architect from manufacturer's full range of standard available color options.
      63. Custom Powder Coating Color: As indicated on the Drawings.

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

* + 1. Bath Screens as Manufactured by Cardinal Shower Enclosures:
       1. Glass Type: 3/8 inch (9.5 mm) thick flat polish clear glass.
       2. Shape: 12 inches (305 mm) radius, notched for two hinges.

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

* + - 1. Size: 30 inches (762 mm) x 60 inches (1524 mm).
      2. Size: 36 inches (914 mm) x 60 inches (1524 mm).
      3. Size: As selected by Architect from manufacturer's full range of standard available size options.
      4. Size: As indicated on the Drawings.

\*\* NOTE TO SPECIFIER \*\* For comparison and details of the aluminum finishes available for Cardinal heavy glass hardware, see manufacturer's literature. Delete options not required.

* + - 1. Heavy Glass Hardware Finish: Brushed Nickel.
      2. Heavy Glass Hardware Finish: Chrome.
      3. Heavy Glass Hardware Finish: Gold.
      4. Heavy Glass Hardware Finish: Oil Rubbed Bronze.
      5. Heavy Glass Hardware Finish: Satin.
  1. FABRlCATlON
     1. Shop assembly of doors and sliding panel shall be completed prior to delivery to job site.
     2. Fabrication of metal for out-of-plumb or out-of-level conditions exceeding normal adjustments shall be done prior to installation.

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

* + - 1. Roller brackets for clear glass sliding panels shall be bonded to glass with silicone sealant 24 hours prior to installation.
      2. Handles shall be secured by means of pressure fitting or screws.

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

* + - 1. Sliding shower enclosures shall have one piece, pressure fitted handles and roller brackets.

1. EXECUTION
   1. COORDINATION
      1. Coordinate requirements for blocking to ensure adequate means for support and installation of shower and bath enclosures.
   2. 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.
   3. PREPARATION
      1. Clean surfaces thoroughly prior to installation. Prior to installation of unit, installer shall be sure that surface is free from foreign matter that could compromise the watertight bond of unit to surface including but not limited to rust, dirt, grease, paint, mastic, taping, compound, and similar items.
      2. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
   4. INSTALLATION
      1. Comply with manufacturer's installation guidelines and instructions and approved shop drawings.
      2. Install shower and bath enclosures such that contact between glass and metal during normal operation does not occur.
   5. TESTING AND CLEANING
      1. Inspect installation to verify secure and proper mounting.
      2. Test and adjust operation of all doors until smooth operation is achieved.
         1. Clean surfaces and wash with solution as recommended by manufacturer's written instructions.
         2. Test to ensure that contact between glass and metal does not occur during normal operation.
      3. Protect shower and bath from damage from subsequent construction operations. If damage occurs, remove and replace damaged units.
   6. PROTECTION
      1. Protect installed products until completion of project.
      2. Touch-up, repair or replace damaged products before Substantial Completion.
      3. Replace damaged products before Substantial Completion.

END OF SECTION