SECTION 08 36 13

RESIDENTIAL SECTIONAL DOORS

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\*\* NOTE TO SPECIFIER \*\* Clopay Corporation; residential sectional doors.  
This section is based on the products of Clopay Corporation, which is located at:8585 Duke Blvd.Mason, OH 45040Toll Free Tel: 800-233-8366Tel: 513-770-4800Fax: 888-434-3193Email: [request info (marketing@clopay.com)](https://arcat.com/rfi?action=email&company=Clopay%252BCorporation&message=RE%253A%2520Spec%2520Question%2520(08361clo)%253A%2520&coid=31487&spec=08361clo&rep=&fax=888-434-3193)  
Web: <https://www.clopaydoor.com> | <https://www.clopaycommercial.com>   
 [ [Click Here](https://arcat.com/company/clopay-corporation-31487) ] for additional information.  
With two manufacturing facilities and 49 distribution centers across the U.S. and Canada, Clopay Corporation is North America's leading manufacturer of residential garage doors and a preferred supplier of commercial overhead sectional and rolling steel doors.

1. GENERAL
   1. SECTION INCLUDES

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

* + 1. Residential sectional doors of the following types:
       1. Full view aluminum doors. (Avante Series)
       2. Steel sectional doors. (Classic Premium Series)
       3. Steel sectional doors. (Classic Value Plus Series)
       4. Steel sectional doors, non-insulated. (Classic Value Series)
       5. Sectional doors. (Coachman Series)
       6. Steel sectional doors. (Gallery Series)
       7. Sectional doors. (Grand Harbor Series)
       8. Sectional doors. (Canyon Ridge Carriage House- 5 Layer and 4 Layer)
       9. Steel sectional doors. (Modern Steel Series)
       10. Steel sectional doors. (Bridgeport Series)
       11. Sectional doors. (Canyon Ridge Louver)
       12. Sectional doors. (Canyon Ridge Modern)
  1. RELATED SECTIONS

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

* + 1. Section 05 50 00 - Metal Fabrications.
    2. Section 06 10 00 - Rough Carpentry.
    3. Section 08 71 00 - Door Hardware.
    4. Section 11 12 26.13 - Parking Fee Coin Collection Equipment.
    5. Division 16 - Electrical - Electrical service and connections for powered operators.
  1. REFERENCES

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

* + 1. ASTM International (ASTM):
       1. ASTM A 653 - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.
       2. ASTM A 924 - Standard Specification for General Requirements for Steel Sheet, Metallic-Coated by the Hot-Dip Process.
  1. SUBMITTALS
     1. Submit under provisions of Section 01 30 00 - Administrative Requirements.
     2. Product Data: Manufacturer's data sheets and detail drawings for each product to be used, including:
        1. Preparation instructions and recommendations.
        2. Storage and handling requirements and recommendations.
        3. Installation details and methods.
        4. Operation and maintenance data.

\*\* NOTE TO SPECIFIER \*\* Delete below if electrically operated doors not required.

* + - 1. Nameplate data and ratings for motors.
    1. Shop Drawings: Include opening dimensions and required tolerances, connection details, anchorage spacing, hardware locations, and installation details.

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

* + 1. Selection Samples: Two complete sets of color chips representing manufacturer's full range of available colors and patterns.
    2. Verification Samples: For each finish product specified, submit samples that represent actual product, color, and sheen.
  1. QUALITY ASSURANCE
     1. Manufacturer Qualifications: Company specializing in manufacturing the types of doors specified in this section, with not less than ten years of documented experience.
     2. Installer Qualifications: Company specializing in installing the types of products specified in this section, with two years of documented experience, and approved by door manufacturer.
  2. DELIVERY, STORAGE, AND HANDLING
     1. Deliver, store and handle materials and products in strict compliance with manufacturer's instructions and recommendations and industry standards.
     2. Store products indoors in manufacturer's or fabricator's original containers and packaging, with labels clearly identifying product name and manufacturer. Protect from damage.
  3. PROJECT CONDITIONS
     1. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install systems under environmental conditions outside manufacturer's recommended limits.
  4. WARRANTY
     1. Finish Warranty:

\*\* NOTE TO SPECIFIER \*\* Lifetime warranty period not available with all products. Consult manufacturer for details. Delete warranty periods not required.

* + - 1. Warranty Period: 5 years against cracking, checking, and peeling. Residential Doors.
      2. Warranty Period: 15 years against rust through. Value Residential Doors.
      3. Warranty Period: 25 years against rust through. Value Plus Residential Doors.
      4. Warranty Period: Lifetime against rust through. Premium Residential Doors.

\*\* NOTE TO SPECIFIER \*\* Not applicable to all models. Delete if not required.

* + 1. Delamination Warranty: Manufacturer's standard warranty against delamination.
       1. Warranty Period: 5 years.
    2. Hardware and Springs Warranty: Manufacturer's standard warranty against defects in materials or workmanship.
       1. Warranty Period: 3 years.

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

* + 1. Warranty for Optional Windows: Manufacturer's standard warranty.

\*\* NOTE TO SPECIFIER \*\* Delete warranty period not required.

* + - 1. Warranty Period: 10 years against defects and excessive discoloration
      2. Warranty Period: 3 years against defects in materials and workmanship.

1. PRODUCTS
   1. MANUFACTURERS
      1. Acceptable Manufacturer: Clopay Corporation, which is located at:8585 Duke Blvd.Mason, OH 45040Toll Free Tel: 800-233-8366Tel: 513-770-4800Fax: 888-434-3193Email: [request info (marketing@clopay.com)](https://arcat.com/rfi?action=email&company=Clopay%252BCorporation&message=RE%253A%2520Spec%2520Question%2520(08361clo)%253A%2520&coid=31487&spec=08361clo&rep=&fax=888-434-3193);Web: <https://www.clopaydoor.com> | <https://www.clopaycommercial.com>

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

* + 1. Substitutions: Not permitted.
    2. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.
  1. SECTIONAL OVERHEAD DOORS - GENERAL
     1. Design doors to withstand positive and negative wind loads as calculated in accordance with applicable building code and detailed in structural documents.

\*\* NOTE TO SPECIFIER \*\* Torsion spring counterbalance cannot be specified in conjunction with extension spring counterbalance. Delete counterbalance type not required.

* + 1. Counterbalance Type: Torsion spring counterbalance mechanism.
       1. Sized to weight of door. Helically wound, coated oil tempered, or galvanized torsion spring mounted on a steel shaft. Cable drum of die cast aluminum with high strength galvanized aircraft cable. Minimum 7 to 1 safety factor.

\*\* NOTE TO SPECIFIER \*\* Delete spring type not required.

* + - 1. Spring Type: Standard Cycle Spring, 10,000 cycles.
      2. Spring Type: Optional High Cycle Spring, 20,000 cycles.

\*\* NOTE TO SPECIFIER \*\* The following is available for all models except Avante. Delete if not required.

* + 1. Counterbalance Type: Extension spring counterbalance mechanism.
       1. Sized to weight of door, with black painted extension spring. Cable sheaves of galvanized steel with high strength galvanized aircraft cable to contain spring in event of spring failure. Minimum 7 to 1 safety factor.
       2. Standard Cycle Spring: 10,000 cycles.

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

* 1. FULL VIEW ALUMINUM DOORS - AVANTE SERIES
     1. Full View Aluminum Doors: Clopay Avante Collections as manufactured by Clopay Corporation.
        1. Model AV - with 1/8 inch (3 mm) tempered glass.
        2. Model AVI - with Heavy Glazing (insulated or 1/4 inch (6 mm) tempered).
        3. Model AX - Residential (Avante) Aluminum full vision door, Non-foam filled frames.
        4. Door Construction: 2.125 inch (54 mm) thick doors.
           1. Panel Sections: 2-1/8 inches (54 mm) thick extruded 6053-T5 aluminum, with integral reinforcing fin.
           2. Enclosed Top and Bottom Rails: 3-1/2 inches (89 mm) wide, meeting rails 2-13/16 inch (71.4 mm) wide, and end stiles 3-1/2 inches (89 mm) wide, with meeting rails meeting to form a tongue-and-groove joint and bottom rail configured to retain U-shaped flexible PVC astragal.
           3. Glazing and Solid Panels: Installed and sealed with hot melt sealant, locking retainer.
        5. Maximum Door Size AV: 20 ft 0 in (6.1 m) wide by 16 ft (4.9 m) high.
        6. Maximum Door Size AVI: 16 ft 2 in (5.0 m) wide by 16 ft (4.9 m) high.
        7. Maximum Door Size AX: 20 ft 2 in (6.1M) wide by 16 ft 0 in (4.9M) high.

\*\* NOTE TO SPECIFIER \*\* Delete options for windows not required.

* + - 1. Windows: None, doors come standard with no windows.
      2. Windows: Full-view aluminum sections, pre-painted to match door.

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

* + - * 1. Glazing: 1/8 inch (3 mm) Clear Tempered DSB glass.
        2. Glazing: 1/8 inch (3 mm) Gray Tinted Tempered DSB glass.
        3. Glazing: 1/8 inch (3 mm) Bronze Tinted Tempered DSB glass.
        4. Glazing: 1/8 inch (3 mm) Obscure Tempered DSB glass.
        5. Glazing: 1/8 inch (3 mm) Frosted Tempered DSB glass.
        6. Glazing: 1/8 inch (3 mm) Frosted Acrylic.
        7. Glazing: 1/8 inch (3 mm) Clear Acrylic.
        8. Glazing: 1/8 inch (3 mm) Gray Acrylic.
        9. Glazing: 1/8 inch (3 mm) White Acrylic.
        10. Glazing: 1/4 inch (6 mm) Mirrored DSB glass.
        11. Glazing: 1/4 inch (6 mm) White Laminate DSB glass.
        12. Glazing: 1/4 inch (6 mm) Black Laminate DSB glass.
        13. Glazing: 1/4 inch (6 mm) Clear Polygal.
        14. Glazing: 1/4 inch (6 mm) Bronze Tinted Polygal.
        15. Glazing: 1/2 inch (12 mm) Insulated Tempered Clear DSB glass.
        16. Glazing: 1/2 inch (12 mm) Insulated Tempered Obscure DSB glass.
        17. Glazing: 1/2 inch (12 mm) Insulated Tempered Frosted DSB glass.
        18. Glazing: 1/2 inch (12 mm) Ins. Temp Low-E DSB glass.
        19. Glazing: Custom specialty glass \_\_\_.
        20. Glazing: None, no glazing, 0.050 inch (1.27 mm) solid aluminum panel.

\*\* NOTE TO SPECIFIER \*\* Delete panel finishes not required.

Panel Finish: Clear anodizing.

Panel Finish: Black anodizing.

Panel Finish: Bronze anodizing.

Panel Finish: Standard White.

Panel Finish: Dark Bronze anodizing.

Panel Finish: Chocolate painted.

Panel Finish: Bronze painted.

Panel Finish: Custom Color RAL Powder Coat \_\_\_\_\_\_\_\_\_\_\_\_\_.

Panel Finish: Clopay Color Blast Finish \_\_\_\_\_\_\_\_.

\*\* NOTE TO SPECIFIER \*\* Paragraphs below are standard finish options; consult factory for other available custom finishes. Delete aluminum finishes not required.

* + - 1. Aluminum Frame Finish: Standard White painted.
      2. Aluminum Frame Finish: Bronze painted.
      3. Aluminum Finish: Chocolate brown painted.
      4. Aluminum Finish: Clear Aluminum anodized.
      5. Aluminum Finish: Black anodized.
      6. Aluminum Finish: Bronze anodized.
      7. Aluminum Finish: Dark Bronze anodized.
      8. Aluminum Finish: Custom Color RAL Powder Coat \_\_\_\_\_\_.
      9. Aluminum Finish: Clopay Color Blast Finish \_\_\_\_\_.

\*\* NOTE TO SPECIFIER \*\* Delete locking type not required.

* + - 1. Locking: 1 inside spring loaded slide bolt lock on end stile that engages slot in track.
      2. Locking: 2 inside spring loaded slide bolt locks on end stile that engage slots in track.
      3. Weatherstripping: Standard, provide U shaped bottom seal.

\*\* NOTE TO SPECIFIER \*\* Perimeter seals are optional, choose from manufacturers standard options. Delete if not required.

* + - 1. Perimeter Seals: \_\_\_\_\_.
      2. Tracks: Vertical Tracks: 0.061 inch (1.55 mm) galvanized steel tapered and mounted for wedge type closing. Horizontal Tracks: 0.075 inch (1.91 mm) galvanized steel, reinforced with 0.0897 inch (2.28 mm) galvanized steel angles as required.
         1. Track Width: 2 inches (50 mm).

\*\* NOTE TO SPECIFIER \*\* Delete track type not required.

* + - * 1. Lift tracks with 15 inches (381 mm) radius track as indicated. Standard.
        2. Vertical lift tracks as indicated.
        3. High lift tracks as indicated.
        4. Tracks that follow roof slope tracks as indicated.
        5. Low headroom tracks as indicated.
  1. RESIDENTIAL STEEL SECTIONAL DOORS - CLASSIC PREMIUM SERIES (3-LAYER)
     1. Residential Steel Sectional Doors: Classic Collection Premium Series as manufactured by Clopay Corporation.
        1. Expanded Polystyrene (EPS) Insulated 1-3/8 inch (35 mm) thick product:

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

* + - * 1. Short Panel Model: Clopay Model 4050.
        2. Long Panel Model: Clopay Model 4053.
      1. Expanded Polystyrene (EPS) Insulated 2 inches (51 mm) thick product:
         1. Short Panel Model: Clopay Model 4300.
         2. Long Panel Model: Clopay Model 4310.
      2. Thermally-Broken, Intellicore Polyurethane insulated 1-3/8 inch (35 mm) thick product:

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

* + - * 1. Short Panel Model: Clopay Model 9130.
        2. Long Panel Model: Clopay Model 9133.
      1. Thermally-Broken, Intellicore Polyurethane insulated 2 inches (51 mm) thick product:
         1. Short Panel Model: Clopay Model 9200.
         2. Long Panel Model: Clopay Model 9203.
      2. Door Construction:

\*\* NOTE TO SPECIFIER \*\* First option applies to models 4050, 4053, 4300, and 4310. Second option applies to models 9130, 9133, 9200 and 9203. Delete section not required.

* + - * 1. Sections (EPS): Pressure bonded expanded polystyrene (EPS) core construction between exterior and interior steel skins.
        2. Sections (Intellicore): Foamed in place Intellicore polyurethane core construction between exterior and interior steel skins.

\*\* NOTE TO SPECIFIER \*\* First option applies to models 4050, 4300, 9130 and 9200. Second option applies to models 4053, 4310, 9133 and 9203. Delete exterior steel skins not required.

* + - * 1. Exterior Steel Skins (Short Elegant Panel): Formed from short elegant panel embossed commercial or drawing quality steel sheet, hot-dip galvanized per ASTM A 924/A 924M and ASTM A 653/A 653M, pre-painted with primer and baked-on polyester topcoat.
        2. Exterior Steel Skins (Long Elegant Panel): Formed from flush long elegant panel embossed commercial or drawing quality steel sheet, hot-dip galvanized per ASTM A 924/A 924M and ASTM A 653/A 653M, pre-painted with primer and baked-on polyester topcoat.
        3. Interior Steel Skins: Formed from roll formed commercial or drawing quality steel sheet, hot-dip galvanized per ASTM A 924/A 924M and ASTM A 653/A 653M, pre-painted with primer and baked-on polyester topcoat.

\*\* NOTE TO SPECIFIER \*\* First option applies to models 4050 and 4053. Second option applies to models 4300, 4310, 9130, 9133, 9200 and 9203. Delete section joints not required.

* + - * 1. EPS Section Joints: 1-3/8 inch (35 mm). Sections formed to create tongue-in-groove meeting joint.
        2. Other Section Joints: Sections formed to create tongue-in-groove meeting joint with thermal break.
        3. Door Stiles: Galvanized steel end stiles and center stiles, pre-punched for easy hinge attachment.
        4. Reinforcing: Galvanized and primed steel reinforcement located under each hinge location, pre-punched for hinge attachment.
        5. Connections: Stiles fastened to steel skins using Tog-L-Loc system.
        6. Handles: 2 High impact polymer step plate/lift handles to comply with DASMA 116 and be color-matched to the door sections.

\*\* NOTE TO SPECIFIER \*\* First option applies to models 4050, 4053, 9130 and 9133. Second option applies to models 4300, 4310, 9200, and 9203. Delete maximum door size not required.

* + - 1. Maximum Door Size 1-3/8 inch Thick: 18 ft 2 in (5.5 m) wide by 16 ft (4.9 m) high.
      2. Maximum Door Size 2 inches Thick: 20 ft 2 in (6.1 m) wide by 16 ft (4.9 m) high.
      3. Overall Panel Thickness listed in description.
      4. Steel Skin Thickness:

\*\* NOTE TO SPECIFIER \*\* Second option applies to color Black and all Ultra-Grain Finish options Delete option not required.

* + - * 1. Exterior: Minimum 27 gauge 0.016 inch (0.40 mm).
        2. Exterior: Minimum 24 gauge 0.022 inch (0.55 mm).

\*\* NOTE TO SPECIFIER \*\* First option applies to models 9130, 9133, 9200 and 9203. Second option applies to models 4050, 4053, 4300 and 4310. Delete option for interior not required.

* + - * 1. Interior: Minimum 29 gauge 0.012 inch (0.30 mm). Intellicore Doors.
        2. Interior: Minimum 27 gauge 0.015 inch (0.38 mm). EPS Doors.
      1. End Stiles: Galvanized steel end stiles, engineered for easy hardware attachment through pre-punched holes. Minimum 20 gauge, 0.034 inch (0.86 mm) thick.
      2. Bottom Section: Reinforced with continuous 0.040 inch (1.016 mm) aluminum astragal retainer with U-shaped flexible PVC astragal.
      3. Thermal Resistance: Calculated in accordance with DASMA TDS-163.

\*\* NOTE TO SPECIFIER \*\* First option applies to models 4050 and 4053. Second option applies to models 4300 and 4310. Third option applies to model 9130 and 9133. Fourth option applies to 9200and 9203. Delete options not required.

* + - * 1. EPS 1-3/8 inch (35 mm) thick. R-Value: 6.5 (deg F hr sq ft/Btu).
        2. EPS 2 inch (51 mm) thick. R-Value: 9.0 (deg F hr sq ft/Btu).
        3. Intellicore 1-3/8 inch (35 mm) thick. R-Value: 12.9 (deg F hr sq ft/Btu).
        4. Intellicore 2 inch (51 mm) thick. R-Value: 18.4 (deg F hr sq ft/Btu).

\*\* NOTE TO SPECIFIER \*\* Delete options for windows not required.

* + - 1. Windows: None, doors come standard with no windows.

\*\* NOTE TO SPECIFIER \*\* Windows below available with Models 4050, 4300, 9130 and 9200. Delete if not required or delete glazing options not required.

* + - 1. Windows: Decorative Insert Short Panel Windows; injection molded ASA plastic windows measuring 19-1/2 x 12 inches (495 x 305 mm).
         1. Glazing: 3/32 inch (2.5 mm) Clear SSB glass.
         2. Glazing: 1/8 inch (3 mm) Clear DSB glass.
         3. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
         4. Glazing: 1/2 inch (12 mm) Insulated DSB glass.
         5. Glazing: 1/2 inch (12 mm) Insulated Obscure DSB glass.
         6. Glazing: 1/8 inch (3 mm) Clear Acrylic.
         7. Glazing: 1/8 inch (3 mm) Frosted glass.
         8. Glazing: 1/2 inch (12 mm) Insulated Frosted glass.
         9. Glazing: 1/8 inch (3 mm) Rain glass.
         10. Glazing: 1/2 inch (12 mm) Insulated Rain glass.
         11. Glazing: 1/8 inch (3 mm) Seeded glass.
         12. Glazing: 1/2 inch (12 mm) Insulated Seeded glass.

\*\* NOTE TO SPECIFIER \*\* Delete options for decorative snap-in plastic inserts not required.

* + - * 1. Decorative Snap-in Plastic Inserts: Sunset 501.
        2. Decorative Snap-in Plastic Inserts: Sunset 502.
        3. Decorative Snap-in Plastic Inserts: Sunset 503.
        4. Decorative Snap-in Plastic Inserts: Sunset 504.
        5. Decorative Snap-in Plastic Inserts: Sunset 505.
        6. Decorative Snap-in Plastic Inserts: Sunset 506.
        7. Decorative Snap-in Plastic Inserts: Charleston 508.
        8. Decorative Snap-in Plastic Inserts: Colonial 509.
        9. Decorative Snap-in Plastic Inserts: Prairie 510.

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

* + - 1. Windows: Decorative Insert Series Impact Resistant Windows; woodgrain textured, structurally enhanced window frames (to withstand a 350 ft-lb impact as per the Florida Building Code) measuring 19-1/2 x 12 inches (495 x 305 mm).
         1. Glazing: Clear Polycarbonate.

\*\* NOTE TO SPECIFIER \*\* Delete options for decorative snap-in plastic inserts not required.

* + - * 1. Decorative Snap-in Plastic Inserts: Sunset 501.
        2. Decorative Snap-in Plastic Inserts: Sunset 502.
        3. Decorative Snap-in Plastic Inserts: Sunset 503.
        4. Decorative Snap-in Plastic Inserts: Sunset 504.
        5. Decorative Snap-in Plastic Inserts: Sunset 505.
        6. Decorative Snap-in Plastic Inserts: Sunset 506.
        7. Decorative Snap-in Plastic Inserts: Charleston 508.
        8. Decorative Snap-in Plastic Inserts: Colonial 509.
        9. Decorative Snap-in Plastic Inserts: Prairie 510.

\*\* NOTE TO SPECIFIER \*\* Windows below available with Models 4050, 4053, 4300, 4310, 9130, 9133, 9200, and 9203. Delete if not required.

* + - 1. Windows: Decorative Insert Long Panel Windows; injection molded ASA plastic windows measuring 40-1/2 x 12 inches (1029 x 305 mm).

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing not required.

* + - * 1. Glazing: 3/32 inch (2.5 mm) Clear SSB glass.
        2. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        3. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
        4. Glazing: 1/2 inch (12 mm) Insulated DSB glass.
        5. Glazing: 1/2 inch (12 mm) Insulated Obscure DSB glass.
        6. Glazing: 1/8 inch (3 mm) Clear Acrylic.
        7. Glazing: 1/8 inch (3 mm) Frosted glass.
        8. Glazing: 1/2 inch (12 mm) Insulated Frosted glass.
        9. Glazing: 1/8 inch (3 mm) Rain glass.
        10. Glazing: 1/2 inch (12 mm) Insulated Rain glass.
        11. Glazing: 1/8 inch (3 mm) Seeded glass.
        12. Glazing: 1/2 inch (12 mm) Insulated Seeded glass.

\*\* NOTE TO SPECIFIER \*\* Delete options for decorative snap-in plastic inserts not required.

* + - * 1. Decorative Snap-in Plastic Inserts: Sunset 601.
        2. Decorative Snap-in Plastic Inserts: Sunset 603.
        3. Decorative Snap-in Plastic Inserts: Sunset 605.
        4. Decorative Snap-in Plastic Inserts: Charleston 608.
        5. Decorative Snap-in Plastic Inserts: Prairie 610.
        6. Decorative Snap-in Plastic Inserts: Madison 611.
        7. Decorative Snap-in Plastic Inserts: Stockton 612.
        8. Decorative Snap-in Plastic Inserts: Madison Arch 613.

\*\* NOTE TO SPECIFIER \*\* Windows below available with Models 9130, 9133, 9200 and 9203. Delete if not required.

* + - 1. Windows: Architectural Series Short Windows; extruded cellular PVC windows measuring 19-1/2 x 16 inches (495 x 406 mm).

\*\* NOTE TO SPECIFIER \*\* Grilles only available with first four glazing options. Delete if not required.

* + - * 1. Grilles: Short with square grilles, SQ22.
        2. Grilles: Short with rectangular grilles, REC11.
        3. Grilles: Plain Short, no grilles.

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing not required.

* + - * 1. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        2. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
        3. Glazing: 1/2 inch (12 mm) Insulated DSB glass.
        4. Glazing: 1/2 inch (12 mm) Insulated Obscure DSB glass.
        5. Glazing: 1/8 inch (3 mm) Frosted glass.
        6. Glazing: 1/2 inch (12 mm) Insulated Frosted glass.
        7. Glazing: 1/8 inch (3 mm) Rain glass.
        8. Glazing: 1/2 inch (12 mm) Insulated Rain glass.
        9. Glazing: 1/8 inch (3 mm) Seeded glass.
        10. Glazing: 1/2 inch (12 mm) Insulated Seeded glass.
        11. Glazing: 1/8 inch (3 mm) Kristin Short, frosted DSB glass, leaded-look.
        12. Glazing: 1/8 inch (3 mm) Trenton Short, frosted DSB glass, leaded-look.
        13. Glazing: 1/8 inch (3 mm) Clayton Short, frosted DSB glass, leaded-look.
        14. Glazing: 1/2 inch (12 mm) Kristin Short, frosted insulated DSB glass, leaded-look.
        15. Glazing: 1/2 inch (12 mm) Trenton Short, frosted insulated DSB glass, leaded-look.
        16. Glazing: 1/2 inch (12 mm) Clayton Short, frosted insulated DSB glass, leaded-look.
        17. Glazing: Wrought Iron Short, acrylic.

\*\* NOTE TO SPECIFIER \*\* Windows below available with Models 9130, 9133, 9200 and 9203. Delete if not required.

* + - 1. Windows: Architectural Series Long Windows; extruded cellular PVC windows measuring 42 x 16 inches (1067 x 406 mm).

\*\* NOTE TO SPECIFIER \*\* Grilles only available with first four glazing options. Delete if not required.

* + - * 1. Grilles: Long with square grilles, SQ24.
        2. Grilles: Long with rectangular grilles, REC14.
        3. Grilles: Plain Long, no grilles.

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing not required.

* + - * 1. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        2. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
        3. Glazing: 1/2 inch (12 mm) Insulated DSB glass.
        4. Glazing: 1/2 inch (12 mm) Insulated Obscure DSB glass.
        5. Glazing: 1/8 inch (3 mm) Frosted glass.
        6. Glazing: 1/2 inch (12 mm) Insulated Frosted glass.
        7. Glazing: 1/8 inch (3 mm) Rain glass.
        8. Glazing: 1/2 inch (12 mm) Insulated Rain glass.
        9. Glazing: 1/8 inch (3 mm) Seeded glass.
        10. Glazing: 1/2 inch (12 mm) Insulated Seeded glass.
        11. Glazing: 1/8 inch (3 mm) Kristin Long, frosted DSB glass, leaded-look.
        12. Glazing: 1/8 inch (3 mm) Trenton Long, frosted DSB glass, leaded-look.
        13. Glazing: 1/8 inch (3 mm) Clayton Long, frosted DSB glass, leaded-look.
        14. Glazing: 1/2 inch (12 mm) Kristin Long, frosted insulated DSB glass, leaded-look.
        15. Glazing: 1/2 inch (12 mm) Trenton Long, frosted insulated DSB glass, leaded-look.
        16. Glazing: 1/2 inch (12 mm) Clayton Long, frosted insulated DSB glass, leaded-look.
        17. Glazing: Wrought Iron Long, acrylic.
      1. Windows: Decorative Insert Series Impact Resistant Windows, woodgrain textured, structurally enhanced window frames (to withstand a 350 ft-lb impact per the Florida Building Code) measuring 19-12 inches x 16 inches (495 mm x 406 mm).

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

* + - * 1. Glazing: Clear polycarbonate.
        2. Glazing: Matte polycarbonate.
        3. Glazing: Bronze polycarbonate.
        4. Glazing: Pebbled polycarbonate.
        5. Grilles: Long with square grilles, SQ22.
        6. Grilles: Plain Short, no grilles.
      1. Windows: Decorative Insert Series Impact Resistant Windows, woodgrain textured, structurally enhanced window frames (to withstand a 350 ft-lb impact as per the Florida Building Code) measuring 42 x 16 inches (1067 x 406 mm).

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

* + - * 1. Glazing: Clear polycarbonate.
        2. Glazing: Matte polycarbonate.
        3. Glazing: Bronze polycarbonate.
        4. Glazing: Pebbled polycarbonate.
        5. Grilles: Long with square grilles, SQ24.
        6. Grilles: Plain Long, no grilles.

\*\* NOTE TO SPECIFIER \*\* Windows below available with Models 9130, 9133, 9200 and 9203. Delete if not required.

* + - 1. Windows: Architectural Series ARCH1 Windows; extruded cellular PVC measuring 42 x 16 inches (1067 x 406 mm) with a 159-1/2 inches (4051 mm) radius top.
         1. Glazing: Snap-in plastic grilles, Grille on ARCH1.
         2. Glazing: Vertical grilles, Vertical Grille on ARCH1.
         3. Glazing: Plain, no grilles, ARCH1.

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing not required.

* + - * 1. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        2. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
        3. Glazing: 1/2 inch (12 mm) Insulated DSB glass.
        4. Glazing: 1/2 inch (12 mm) Insulated obscure DSB glass.
        5. Glazing: 1/8 inch (3 mm) Frosted glass.
        6. Glazing: 1/2 inch (12 mm) Insulated Frosted glass.
        7. Glazing: 1/8 inch (3 mm) Rain glass.
        8. Glazing: 1/2 inch (12 mm) Insulated Rain glass.
        9. Glazing: 1/8 inch (3 mm) Seeded glass.
        10. Glazing: 1/2 inch (12 mm) Insulated Seeded glass.

\*\* NOTE TO SPECIFIER \*\* Windows below available with Models 9130, 9133, 9200 and 9203. Delete if not required.

* + - 1. Windows: Architectural Series ARCH2 Windows; extruded cellular PVC measuring 42 x 16 inches (1067 x 406 mm) with a 39-3/4 inches (1001 mm) radius top.

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

* + - * 1. Grilles: Snap-in plastic grilles, Grille on ARCH2.
        2. Grilles: Vertical grilles, Vertical Grille on ARCH2.
        3. Grilles: Plain, no grilles, ARCH2.

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing not required.

* + - * 1. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        2. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
        3. Glazing: 1/2 inch (12 mm) Insulated DSB glass.
        4. Glazing: 1/2 inch (12 mm) Insulated Obscure DSB glass.
        5. Glazing: 1/8 inch (3 mm) Frosted glass.
        6. Glazing: 1/2 inch (12 mm) Insulated Frosted glass.
        7. Glazing: 1/8 inch (3 mm) Rain glass.
        8. Glazing: 1/2 inch (12 mm) Insulated Rain glass.
        9. Glazing: 1/8 inch (3 mm) Seeded glass.
        10. Glazing: 1/2 inch (12 mm) Insulated Seeded glass.
        11. Glazing: Wrought Iron ARCH, acrylic.

\*\* NOTE TO SPECIFIER \*\* First option below applies only to Models 4050, 4053, 4300 and 4310. Second option below applies only to Models 9130, 9133, 9200 and 9203. Delete interior finish not required.

* + - 1. Interior Finish (EPS) Door. Stucco embossed texture. Flush design, white interior.
      2. Interior Finish (Intellicore) Door. Stucco embossed texture. Shallow U ribbed pattern.

\*\* NOTE TO SPECIFIER \*\* First option available with Model 4050, 4300, 9130 and 9200. Second option available with Model 4053, 4310, 9133 and 9203. Delete finishes not required.

* + - 1. Exterior Finish: Woodgrain embossed texture, Short Elegant Panel embossments.
      2. Exterior Finish: Woodgrain embossed texture, Long Elegant Panel embossments.

\*\* NOTE TO SPECIFIER \*\* Models 4050 and 4053 only available in first 8 options. Delete colors not required. Colors apply to both exterior finishes above.

Color: Standard White.

Color: Almond.

Color: Desert Tan.

Color: Sandtone.

Color: Chocolate.

Color: Bronze.

Color: Hunter Green.

Color: Gray.

Color: Glacier White.

Color: Mocha Brown.

Color: Black.

Color: Charcoal.

Color: Clopay Color Blast \_\_\_\_.

\*\* NOTE TO SPECIFIER \*\* First option available with Model 4300 and 9200. Second option available with Model 4310 and 9203. Options not available on Models 9130 and 9133. Delete if not required.

* + - 1. Exterior Finish Type: Ultra-Grain Exterior Finish Stucco embossed texture with Short Elegant Panel embossments to simulate the look of stained wood.
      2. Exterior Finish Type: Ultra-Grain Exterior Finish: Stucco embossed texture with Long Elegant Panel embossments in one of the following color options to simulate the look of stained wood.

\*\* NOTE TO SPECIFIER \*\* Options not available on Models 9130 and 9133. Delete color options not required. Colors apply to both exterior finish options above.

* + - * 1. Color: Ultra-Grain Classic Medium Finish.
        2. Color: Ultra-Grain Classic Cherry Finish.
        3. Color: Ultra-Grain Classic Walnut Finish.

\*\* NOTE TO SPECIFIER \*\* Delete locking types not required.

* + - 1. Locking: Keyed spring-loaded lock bar. Standard.
      2. Locking: Keyed spring-loaded snap latches.
      3. Locking: Non-keyed interior slide bolt.
      4. Weatherstripping: Standard, Provide U shaped bottom seal.

\*\* NOTE TO SPECIFIER \*\* Perimeter seals are optional, choose from manufacturers standard options. Delete if not required.

* + - 1. Perimeter Seals: \_\_\_\_\_.
      2. Tracks: Vertical Tracks: 0.040 inch (1.02 mm) galvanized steel tapered and mounted for wedge type closing. Horizontal Tracks: 0.051 inch (1.29 mm) galvanized steel, reinforced with 0.0897 inch (2.28 mm) galvanized steel angles as required.

\*\* NOTE TO SPECIFIER \*\* Delete track type not required.

* + - * 1. Track Type: Lift tracks. Standard.
        2. Track Type: Low headroom track.
        3. Track Type: High lift track.
        4. Track Type: Follow-the-roof track.
        5. Track Width: 2 inches (50 mm).

\*\* NOTE TO SPECIFIER \*\* 20 inch and 32 inch radius only available on doors up to 12 ft high. Delete track radius not required.

* + - * 1. Track Radius: 10 inch (254 mm).
        2. Track Radius: 12 inch (305 mm).
        3. Track Radius: 15 inch (381 mm).
        4. Track Radius: 20 inch (508 mm).
        5. Track Radius: 32 inch (813 mm).
  1. RESIDENTIAL STEEL SECTIONAL DOORS - CLASSIC - VALUE PLUS SERIES (2-LAYER)
     1. Residential Steel Sectional Doors: Classic Collection Value Plus Series as manufactured by Clopay Corporation.

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

* + - 1. Clopay Model 1500: 25 Ga. Ship-Lap Joint Short Panel, 1-5/16 inch (33 mm) insulated.
      2. Clopay Model 76V: 25 Ga. Ship-Lap Joint Long Panel 1-5/16 inch (33 mm) insulated.
      3. Clopay Model T41S: 24 Ga. Tongue and Groove Joint Short Panel 7/8 inch (22 mm) insulated.
      4. Clopay Model T41L: 24 Ga. Tongue and Groove Joint Long Panel 7/8 inch (22 mm) insulated.
      5. Clopay Model T42S: 24 Ga. Tongue and Groove Joint Short Panel 1-5/16 inch (33 mm) insulated.
      6. Clopay Model T42L: 24 Ga. Tongue and Groove Joint Long Panel 1-5/16 inch (33 mm) insulated.
      7. Clopay Model T51S: 25 Ga. Tongue and Groove Joint Short Panel 7/8 inch (22 mm) insulated.
      8. Clopay Model T51L: 25 Ga. Tongue and Groove Joint Long Panel 7/8 inch (22 mm) insulated.
      9. Clopay Model T52S: 25 Ga. Tongue and Groove Joint Short Panel 1-5/16 inch (33 mm) insulated.
      10. Clopay Model T52L: 25 Ga. Tongue and Groove Joint Long Panel 1-5/16 inch (33 mm) insulated.
      11. Insulation: Polystyrene insulated.
      12. Door Construction:

\*\* NOTE TO SPECIFIER \*\* First option applies to Models 1500, 76V, T42S and T42L. Second option applies to Models T41S, T41L, T51S and T51L. Delete section not required.

* + - * 1. Sections: Steel frame and skin construction with 1-5/16 inch (33 mm) thick polystyrene insulation with vinyl backer.
        2. Sections: Steel frame and skin construction with bonded 7/8 inch (22 mm) thick polystyrene insulation with vinyl backer.

\*\* NOTE TO SPECIFIER \*\* First option applies to Models 1500, T41S, T42S, T51S and T52S. Second option applies to Model 76V, T41L, T42L, T51L and T52L. Delete steel skins not required.

* + - * 1. Steel Skins: Formed from Short Traditional Panel embossed commercial or drawing quality steel sheet, hot-dip galvanized per ASTM A 924/A 924M and ASTM A 653/A 653M, pre-painted with primer and baked-on polyester topcoat.
        2. Steel Skins: Formed from Long Traditional Panel embossed commercial or drawing quality steel sheet, hot-dip galvanized per ASTM A 924/A 924M and ASTM A 653/A 653M, pre-painted with primer and baked-on polyester topcoat.

\*\* NOTE TO SPECIFIER \*\* First option applies to Models 1500 and 76V. Second option applies to Models T41S, T41L, T42S, T42L, T51S, T51L, T52S and T52L. Delete section joints not required.

* + - * 1. Section Joints: Formed to create shiplap meeting joint.
        2. Section Joints: Formed to create tongue and groove meeting joint.
        3. Door Stiles: Galvanized steel end stiles and center stiles, pre-punched for easy hinge attachment.
        4. Connections: Stiles fastened to steel skins using Tog-L-Loc system.
        5. Handles: 2 high impact polymer step plate/lift handles to comply with DASMA 116 and be color-matched to the door sections.

\*\* NOTE TO SPECIFIER \*\* First option applies to Models 1500, 76V, T41S, T41L, T51S, T51L, T52S and T52L. Second option applies to Models T42S and T42L. Delete maximum door size not required.

* + - 1. 24 Ga Models Maximum Door Size: 18 ft (5.5 m) wide by 16 ft (4.9 m) high.
      2. 25 Ga Models Maximum Door Size: 20 ft (6.1 m) wide by 16 ft (4.9 m) high.

\*\* NOTE TO SPECIFIER \*\* First option applies to Models 1500 and 76V. Second option applies to Models T41S, T41L, T42S, T42L, T51S, T51L, T52S and T52L. Delete overall panel thickness not required.

* + - 1. Overall Panel Thickness: 2.125 inches (54 mm).
      2. Overall Panel Thickness: 2 inches (51 mm).

\*\* NOTE TO SPECIFIER \*\* First option applies to Models 1500, 76V, T52S and T52L. Second option applies to Models T41S, T41L, T42S and T42L. Delete steel skins not required.

* + - 1. Steel Skin Thickness: Minimum 25 gauge 0.019 inch (0.48 mm).
      2. Steel Skin Thickness: Minimum 24 gauge 0.022 inch (0.56 mm).
      3. End Stiles: Galvanized steel end stiles, engineered for easy hardware attachment through pre-punched holes. Minimum 18 gauge, 0.049 inch (1.25 mm) thick.

\*\* NOTE TO SPECIFIER \*\* First option applies to Models 1500 and 76V. Second option applies to Models T41S, T41L, T42S, T42L, T51S, T51L, T52S and T52L. Delete bottom section not required.

* + - 1. Bottom Section: Reinforced with continuous 0.040 inch (1.016 mm) aluminum astragal retainer with bulb-shaped flexible PVC astragal.
      2. Bottom Section: Reinforced with continuous 0.040 inch (1.016 mm) aluminum astragal retainer with U-shaped flexible PVC astragal.
      3. Thermal Resistance: Calculated in accordance with DASMA TDS-163.

\*\* NOTE TO SPECIFIER \*\* First option applies to Models 1500, 76V, T42S and T42L. Second option applies to Models T41S, T41L, T51S and T51L. Delete option not required.

* + - * 1. R-Value: 6.3 deg F hr sq ft/Btu.
        2. R-Value: 4.4 deg F hr sq ft/Btu.

\*\* NOTE TO SPECIFIER \*\* Delete options for windows not required.

* + - 1. Windows: None, doors come standard with no windows.

\*\* NOTE TO SPECIFIER \*\* Windows below available with Model 1500, T41S, T42S, T51S and T52S. Delete if not required.

* + - 1. Windows: Decorative Insert Series Short Panel Windows; injection molded ASA plastic windows measuring 19-1/2 inches x 12 inches (495 mm x 305 mm).

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing not required.

* + - * 1. Glazing: 3/32 inch (2.5 mm) Clear SSB glass.
        2. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        3. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
        4. Glazing: 1/8 inch (3 mm) Clear acrylic.
        5. Glazing: 1/8 inch (3 mm) Frosted glass.
        6. Glazing: 1/8 inch (3 mm) Rain glass.

\*\* NOTE TO SPECIFIER \*\* Delete options for decorative snap-in plastic inserts not required.

* + - * 1. Decorative Snap-in Plastic Inserts: Sunset 501.
        2. Decorative Snap-in Plastic Inserts: Sunset 502.
        3. Decorative Snap-in Plastic Inserts: Sunset 503.
        4. Decorative Snap-in Plastic Inserts: Sunset 504.
        5. Decorative Snap-in Plastic Inserts: Sunset 505.
        6. Decorative Snap-in Plastic Inserts: Sunset 506.
        7. Decorative Snap-in Plastic Inserts: Charleston 508.
        8. Decorative Snap-in Plastic Inserts: Colonial 509.
        9. Decorative Snap-in Plastic Inserts: Prairie 510.
      1. Windows: Decorative Insert Series Impact Resistant Windows; woodgrain textured, structurally enhanced window frames (to withstand a 350 ft-lb impact as per the Florida Building Code) measuring 19-1/2 inches x 12 inches (495 mm x 305 mm).
         1. Glazing: Clear Polycarbonate.

\*\* NOTE TO SPECIFIER \*\* Delete decorative snap-in plastic inserts not required.

* + - * 1. Decorative Snap-in Plastic Inserts: Sunset 501.
        2. Decorative Snap-in Plastic Inserts: Sunset 502.
        3. Decorative Snap-in Plastic Inserts: Sunset 503.
        4. Decorative Snap-in Plastic Inserts: Sunset 504.
        5. Decorative Snap-in Plastic Inserts: Sunset 505.
        6. Decorative Snap-in Plastic Inserts: Sunset 506.
        7. Decorative Snap-in Plastic Inserts: Charleston 508.
        8. Decorative Snap-in Plastic Inserts: Colonial 509.
        9. Decorative Snap-in Plastic Inserts: Prairie 510.

\*\* NOTE TO SPECIFIER \*\* Windows below available with Model 1500, 76V, T41S, T41L, T42S, T42L, T51S, T51L, T52S and T52L. Delete if not required.

* + - 1. Windows: Decorative Insert Series Long Panel Windows; injection molded ASA plastic windows measuring 40-1/2 x 12 inches (1029 x 305 mm).

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing not required.

* + - * 1. Glazing: 3/32 inch (2.5 mm) Clear SSB glass.
        2. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        3. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
        4. Glazing: 1/8 inch (3 mm) Clear acrylic.
        5. Glazing: 1/8 inch (3 mm) Frosted glass.
        6. Glazing: 1/8 inch (3 mm) Rain glass.

\*\* NOTE TO SPECIFIER \*\* Delete options for decorative snap-in plastic inserts not required.

* + - * 1. Decorative Snap-in Plastic Inserts: Sunset 601.
        2. Decorative Snap-in Plastic Inserts: Sunset 603.
        3. Decorative Snap-in Plastic Inserts: Sunset 605.
        4. Decorative Snap-in Plastic Inserts: Charleston 608.
        5. Decorative Snap-in Plastic Inserts: Prairie 610.
        6. Decorative Snap-in Plastic Inserts: Madison 611.
        7. Decorative Snap-in Plastic Inserts: Stockton 612.
        8. Decorative Snap-in Plastic Inserts: Madison Arch 613.
      1. Interior Finish: Vinyl backer over expanded polystyrene (EPS) insulation.

\*\* NOTE TO SPECIFIER \*\* First option below applies to Model 1500 and T52S. Second option applies to Model 76V and T52L. Delete option for exterior finish not required.

* + - 1. Exterior Finish: Woodgrain embossed texture, Short Traditional Panel embossments.
      2. Exterior Finish: Woodgrain embossed texture, Long Traditional Panel embossments.

\*\* NOTE TO SPECIFIER \*\* Delete color options not required. Colors apply to both exterior finishes above.

* + - * 1. Color: Standard White.
        2. Color: Almond.
        3. Color: Desert Tan.
        4. Color: Sandtone.
        5. Color: Chocolate.

\*\* NOTE TO SPECIFIER \*\* Delete locking types not required.

* + - 1. Locking: Keyed spring-loaded lock bar. Standard.
      2. Locking: Keyed spring-loaded snap latches.
      3. Locking: Non-keyed interior slide bolt.
      4. Weatherstripping: U-shaped bottom seal. Standard.

\*\* NOTE TO SPECIFIER \*\* Perimeter seals are optional, choose from manufacturers standard options. Delete if not required.

* + - 1. Perimeter Seals: \_\_\_\_\_.
      2. Tracks: Vertical Tracks: 0.040 inch (1.02 mm) galvanized steel tapered and mounted for wedge type closing. Horizontal Tracks: 0.051 inch (1.29 mm) galvanized steel, reinforced with 0.0897 inch (2.28 mm) galvanized steel angles as required.

\*\* NOTE TO SPECIFIER \*\* Delete track type not required.

* + - * 1. Track Type: Lift tracks. Standard.
        2. Track Type: Low headroom track.
        3. Track Type: High lift track.
        4. Track Type: Follow-the-roof track.
        5. Track Width: 2 inches (50 mm).

\*\* NOTE TO SPECIFIER \*\* 20 inch and 32 inch radius only available on doors up to 12 ft high. Delete track radius not required.

* + - * 1. Track Radius: 10 inch (254 mm).
        2. Track Radius: 12 inch (305 mm).
        3. Track Radius: 15 inch (381 mm).
        4. Track Radius: 20 inch (508 mm).
        5. Track Radius: 32 inch (813 mm).
  1. RESIDENTIAL STEEL SECTIONAL DOORS, NON-INSULATED - CLASSIC - VALUE SERIES (1 LAYER)
     1. Residential Steel Sectional Doors: Classic Collection Value Series as manufactured by Clopay Corporation.

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

* + - 1. Clopay Model 73: 25 Ga. Ship-Lap Joint Model Short Panel.
      2. Clopay Model 76: 25 Ga. Ship-Lap Joint Long Panel Model.
      3. Clopay Model 94: 24 Ga. Ship-Lap Joint Short Panel Model.
      4. Clopay Model T40S: 24 Ga. Tongue and Groove Joint Short Panel Model.
      5. Clopay Model T40L: 24 Ga. Tongue and Groove Joint Long Panel Model.
      6. Clopay Model T50S: 25 Ga. Tongue and Groove Joint Short Panel Model.
      7. Clopay Model T50L: 25 Ga. Tongue and Groove Joint Long Panel Model.
      8. Door Construction:
         1. Sections: Steel frame and skin construction.

\*\* NOTE TO SPECIFIER \*\* First option applies to Model 73, 94, T40S, T50S. Second option applies to Model 76, T40L, T50L. Delete if not required.

* + - * 1. Steel Skins: Formed from Short Traditional Panel embossed commercial or drawing quality steel sheet, hot-dip galvanized per ASTM A 924/A 924M and ASTM A 653/A 653M, pre-painted with primer and baked-on polyester topcoat.
        2. Steel Skins: Formed from Long Traditional Panel embossed commercial or drawing quality steel sheet, hot-dip galvanized per ASTM A 924/A 924M and ASTM A 653/A 653M, pre-painted with primer and baked-on polyester topcoat.

\*\* NOTE TO SPECIFIER \*\* Option below applies to Model T40L. Delete if not required.

* + - * 1. Section Joints: Sections formed to create tongue and groove meeting joint.
        2. Reinforcing: Galvanized and primed steel reinforcement located under each hinge location, pre-punched for hinge attachment.
        3. Door Stiles: Galvanized steel end stiles and center stiles, pre-punched for easy hinge attachment.
        4. Connections: Stiles fastened to steel skins using Tog-L-Loc system.
        5. Handles: 2 High impact polymer step plate/lift handles to comply with DASMA 116 and be color-matched to the door sections.

\*\* NOTE TO SPECIFIER \*\* First option applies to Models 73 and 76. Second option applies to Model 94, T40S and T40L. Delete options for maximum door size not required.

* + - 1. Maximum Door Size: 18 ft (5.5 m) wide by 16 ft (4.9 m) high. 25 Ga product.
      2. Maximum Door Size: 20 ft (6.1 m) wide by 16 ft (4.9 m) high. 24 Ga products.

\*\* NOTE TO SPECIFIER \*\* First option applies to Models 73 and 76. Second option applies to Model 94, T40S, T40L, T50S and T50L. Delete options for overall panel thickness not required.

* + - 1. Overall Panel Thickness: 2.125 inches (54 mm).
      2. Overall Panel Thickness: 2 inches (51 mm).

\*\* NOTE TO SPECIFIER \*\* First option applies to Models 73 and 76. Second option applies to Model 94, T40S and T40L. Delete options for steel skin thickness not required.

* + - 1. Steel Skin Thickness: Minimum 25 gauge 0.019 inch (0.48 mm).
      2. Steel Skin Thickness: Minimum 24 gauge 0.022 inch (0.56 mm).
      3. End Stiles: Galvanized steel end stiles, engineered for easy hardware attachment through pre-punched holes. Minimum 18 gauge, 0.049 inch (1.25 mm) thick.

\*\* NOTE TO SPECIFIER \*\* First option applies to Models 73, 76 and 94. Second option applies to Model T40S, T40L, T50S and T50L. Delete options for bottom sections not required.

* + - 1. Bottom Panel Sections: Reinforced with continuous 0.040 inch (1.016 mm) aluminum astragal retainer with bulb-shaped flexible PVC astragal.
      2. Bottom Sections: Reinforced with continuous 0.040 inch (1.016 mm) aluminum astragal retainer with U-shaped flexible PVC astragal.

\*\* NOTE TO SPECIFIER \*\* Delete options for windows not required.

* + - 1. Windows: None, doors come standard with no windows.

\*\* NOTE TO SPECIFIER \*\* The following applies to Model 73, 94, T40S and T50S. Delete if not required.

* + - 1. Windows: Decorative Insert Series Short Panel Windows; injection molded ASA plastic windows measuring 19-1/2 x 12 inches (495 x 305 mm).

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

* + - * 1. Glazing: 3/32 inches (2.5 mm) Clear SSB glass.
        2. Glazing: 1/8 inches (3 mm) Clear DSB glass.
        3. Glazing: 1/8 inches (3 mm) Obscure DSB glass.
        4. Glazing: 1/8 inch (3 mm) Clear acrylic.
        5. Glazing: 1/8 inch (3 mm) Frosted glass.
        6. Glazing: 1/8 inch (3 mm) Rain glass.

\*\* NOTE TO SPECIFIER \*\* Delete decorative snap-in plastic inserts not required.

* + - * 1. Decorative Snap-in Plastic Inserts: Sunset 501.
        2. Decorative Snap-in Plastic Inserts: Sunset 502.
        3. Decorative Snap-in Plastic Inserts: Sunset 503.
        4. Decorative Snap-in Plastic Inserts: Sunset 504.
        5. Decorative Snap-in Plastic Inserts: Sunset 505.
        6. Decorative Snap-in Plastic Inserts: Sunset 506.
        7. Decorative Snap-in Plastic Inserts: Charleston 508.
        8. Decorative Snap-in Plastic Inserts: Colonial 509.
        9. Decorative Snap-in Plastic Inserts: Prairie 510.

\*\* NOTE TO SPECIFIER \*\* The following applies to Model 73 and 94. Delete if not required.

* + - 1. Windows: Decorative Insert Series Impact Resistant Windows; woodgrain textured, structurally enhanced window frames (to withstand a 350 ft-lb impact as per the Florida Building Code) measuring 19-1/2 x 12 inches (495 x 305 mm).
         1. Glazing: Clear Polycarbonate.

\*\* NOTE TO SPECIFIER \*\* Delete decorative snap-in plastic inserts not required.

* + - * 1. Decorative Snap-in Plastic Inserts: Sunset 501.
        2. Decorative Snap-in Plastic Inserts: Sunset 502.
        3. Decorative Snap-in Plastic Inserts: Sunset 503.
        4. Decorative Snap-in Plastic Inserts: Sunset 504.
        5. Decorative Snap-in Plastic Inserts: Sunset 505.
        6. Decorative Snap-in Plastic Inserts: Sunset 506.
        7. Decorative Snap-in Plastic Inserts: Charleston 508.
        8. Decorative Snap-in Plastic Inserts: Colonial 509.
        9. Decorative Snap-in Plastic Inserts: Prairie 510.

\*\* NOTE TO SPECIFIER \*\* The following applies to Model 73, 76, 94, T40S, T40L and T50S. Delete if not required.

* + - 1. Windows: Decorative Insert Series Long Panel Windows; injection molded ASA plastic windows measuring 40-1/2 x 12 inches (1029 x 305 mm).

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

* + - * 1. Glazing: 3/32 inch (2.5 mm) Clear SSB glass.
        2. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        3. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
        4. Glazing: 1/8 inch (3 mm) Clear acrylic.
        5. Glazing: 1/8 inch (3 mm) Frosted glass.
        6. Glazing: 1/8 inch (3 mm) Rain glass.

\*\* NOTE TO SPECIFIER \*\* Delete decorative snap-in plastic inserts not required.

* + - * 1. Decorative Snap-in Plastic Inserts: Sunset 601.
        2. Decorative Snap-in Plastic Inserts: Sunset 603.
        3. Decorative Snap-in Plastic Inserts: Sunset 605.
        4. Decorative Snap-in Plastic Inserts: Charleston 608.
        5. Decorative Snap-in Plastic Inserts: Prairie 610.
        6. Decorative Snap-in Plastic Inserts: Madison 611.
        7. Decorative Snap-in Plastic Inserts: Stockton 612.
        8. Decorative Snap-in Plastic Inserts: Madison Arch 613.
      1. Interior Finish: Woodgrain embossed texture with white interior color.

\*\* NOTE TO SPECIFIER \*\* Applies to Model 73, 94, T40S and T50S. Delete if not required.

* + - 1. Exterior Finish: Woodgrain embossed texture, Short Traditional Panel embossments.

\*\* NOTE TO SPECIFIER \*\* Applies to Model 76, T40L and T50L. Delete exterior finish not required.

* + - 1. Exterior Finish: Woodgrain embossed texture, Long Traditional Panel embossments.

\*\* NOTE TO SPECIFIER \*\* Delete color not required. Colors apply to both exterior finishes above.

* + - * 1. Color: White.
        2. Color: Almond.
        3. Color: Desert Tan.
        4. Color: Sandtone.
        5. Color: Chocolate.

\*\* NOTE TO SPECIFIER \*\* Delete locking types not required.

* + - 1. Locking: Keyed spring-loaded lock bar. Standard.
      2. Locking: Spring-loaded snap latches.
      3. Locking: Non-keyed interior slide bolt.
      4. Weatherstripping: U-shaped bottom seal.

\*\* NOTE TO SPECIFIER \*\* Perimeter seals are optional, choose from manufacturers standard options. Delete if not required.

* + - 1. Perimeter Seals: \_\_\_\_\_.
      2. Tracks: Vertical Tracks: 0.040 inch (1.02 mm) galvanized steel tapered and mounted for wedge type closing. Horizontal Tracks: 0.051 inch (1.29 mm) galvanized steel, reinforced with 0.0897 inch (2.28 mm) galvanized steel angles as required.

\*\* NOTE TO SPECIFIER \*\* Delete track type not required.

* + - * 1. Track Type: Lift tracks. Standard.
        2. Track Type: Low headroom track.
        3. Track Type: High lift track.
        4. Track Type: Follow-the-roof track.
        5. Track Width: 2 inches (50 mm).

\*\* NOTE TO SPECIFIER \*\* 20 inch and 32 inch radius only available on doors up to 12 ft high. Delete track radius not required.

* + - * 1. Track Radius: 10 inch (254 mm).
        2. Track Radius: 12 inch (305 mm).
        3. Track Radius: 15 inch (381 mm).
        4. Track Radius: 20 inch (508 mm).
        5. Track Radius: 32 inch (813 mm).
  1. RESIDENTIAL SECTIONAL DOORS - COACHMAN SERIES
     1. Residential Sectional Doors: Coachman Collection Doors as manufactured by Clopay Corporation.

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

* + - 1. Model: Clopay Model CD Series; Thermally-broken, 1-3/8 inch thick expanded polystyrene (EPS) insulated.
      2. Model: Clopay Model CG Series; Thermally-broken, 2 inches thick expanded polystyrene (EPS) insulated.
      3. Model: Clopay Model CGU Series; Intellicore 2 inches thick polyurethane insulated.
      4. Door Construction:

\*\* NOTE TO SPECIFIER \*\* First option below applies to Models CD and CG. Second option applies to Model CGU. Delete models not required.

* + - * 1. Sections: Composite overlays adhered to base door constructed of pressure bonded expanded polystyrene (EPS) core construction between exterior and interior steel skins.
        2. Sections: Composite overlays adhered to base door constructed of foamed in place Intellicore core construction between exterior and interior steel skins.
        3. Exterior Steel Skins: Formed from flush commercial or drawing quality steel sheet, hot-dip galvanized per ASTM A 924/A 924M and ASTM A 653/A 653M, pre-painted with primer and baked-on polyester topcoat.
        4. Interior Steel Skins: Formed from roll formed commercial or drawing quality steel sheet, hot-dip galvanized per ASTM A 924/A 924M and ASTM A 653/A 653M, pre-painted with primer and baked-on polyester topcoat.
        5. Section Joints: Sections formed to create tongue-in-groove meeting joint with thermal break.
        6. Reinforcing: Galvanized and primed steel reinforcement located under each hinge location, pre-punched for hinge attachment.
        7. Connections: Stiles fastened to steel skins using Tog-L-Loc system.
        8. Handles: Black powder coated, hot-dipped galvanized step plate and lift handle (2 sets on doors over 10 ft wide) to comply with DASMA 116.

\*\* NOTE TO SPECIFIER \*\* First option applies to Model CD. Second option applies to Model CG and CGU. Delete maximum door size not required.

* + - 1. Maximum Door Size: 1-3/8 inch thick base door 18 ft (5.5 m) wide by 16 ft (4.9 m) high.
      2. Maximum Door Size: 2 inch thick base door 20 ft (6.1 m) wide by 16 ft (4.9 m) high.

\*\* NOTE TO SPECIFIER \*\* First option applies to Models CD and CG. Second option applies to Model CGU. Delete maximum door size not required.

* + - 1. Steel Skin Thickness: EPS Minimum 27 gauge 0.016 inch (0.40 mm) exterior; minimum 28 gauge 0.015 inch (0.38 mm) interior.
      2. Steel Skin Thickness: Intellicore Minimum 27 gauge 0.016 inch (0.40 mm) exterior; minimum 29 gauge 0.012 inch (0.30 mm) interior.
      3. End Stiles: Galvanized steel end stiles, engineered for easy hardware attachment through pre-punched holes. Minimum 20 gauge, 0.034 inch (0.86 mm) thick.
      4. Bottom Section: Reinforced with continuous 0.040 inch (1.016 mm) aluminum astragal retainer with U-shaped flexible PVC astragal.
      5. Thermal Resistance: Calculated in accordance with DASMA TDS-163.

\*\* NOTE TO SPECIFIER \*\* First option applies to Model CD. Second option applies to Model CG. Third option applies to Model CGU. Delete options not required.

* + - * 1. R-Value: 6.5 deg F hr sq ft/Btu.
        2. R-Value: 9.0 deg F hr sq ft/Btu.
        3. R-Value: 18.4 deg F hr sq ft/Btu.

\*\* NOTE TO SPECIFIER \*\* Delete options for windows not required.

* + - 1. Windows: None, doors come standard with no windows.
      2. Windows: REC11.
      3. Windows: REC13.
      4. Windows: REC14.
      5. Windows: SQ23.
      6. Windows: SQ24.
      7. Windows: ARCH1.
      8. Windows: ARCH3.
      9. Windows: ARCH4.
      10. Windows: ARCH13
      11. Windows: ARCH14
      12. Windows: ARC1A.
      13. Windows: ARC3A.
      14. Windows: ARC4A.
      15. Windows: ARCH13A.
      16. Windows: ARCH14A.

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing not required.

* + - 1. Glazing: 1/8 inch (3 mm) Clear DSB glass.
      2. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
      3. Glazing: 1/8 inch (3 mm) Seeded DSB glass.
      4. Glazing: 1/2 inch (12 mm) Insulated Clear DSB glass.
      5. Glazing: 1/2 inch (12 mm) Insulated Obscure DSB glass.
      6. Glazing: 1/2 inch (12 mm) Insulated Seeded DSB glass.
      7. Glazing: 1/8 inch (3 mm) Frosted glass.
      8. Glazing: 1/2 inch (12 mm) Insulated Frosted glass.
      9. Glazing: 1/8 inch (3 mm) Rain glass.
      10. Glazing: 1/2 inch (12 mm) Insulated Rain glass.
      11. Window Height and Width: As scheduled and indicated on Drawings in accordance with manufacturer's guidelines.

\*\* NOTE TO SPECIFIER \*\* First option applies to Model CD and CG, Second option applies to Model CGU. Delete finish not required.

* + - 1. Interior Finish: Stucco embossed texture with flush design, white interior.
      2. Interior Finish: Stucco embossed texture with shallow U ribbed pattern, white interior.
      3. Steel Base Door Exterior Finish: Woodgrain embossed texture with flush design.

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

* + - * 1. Color: White.
        2. Color: Almond.
        3. Color: Desert Tan.
        4. Color: Sandtone.
        5. Color: Colorblast color\_\_\_\_\_(refer to manual for LRV restrictions on color).
      1. Composite Overlays Exterior Finish: Woodgrain embossed texture with beveled coped edges.

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

* + - * 1. Color: White.
        2. Color: Almond.
        3. Color: Desert Tan.
        4. Color: Sandtone.
        5. Color: Colorblast color\_\_\_\_(refer to manual for LRV restrictions on color).

\*\* NOTE TO SPECIFIER \*\* Delete locking type not required.

* + - 1. Locking: Non-keyed interior slide bolt. Standard.
      2. Locking: Decorative keyed snap latch lock.
      3. Weatherstripping: U-shaped bottom seal.

\*\* NOTE TO SPECIFIER \*\* Perimeter seals are optional, choose from manufacturers standard options. Delete if not required.

* + - 1. Perimeter Seals: \_\_\_\_\_.
      2. Tracks: Vertical Tracks: 0.040 inch (1.02 mm) galvanized steel tapered and mounted for wedge type closing. Horizontal Tracks: 0.051 inch (1.29 mm) galvanized steel, reinforced with 0.0897 inch (2.28 mm) galvanized steel angles as required.

\*\* NOTE TO SPECIFIER \*\* Delete track type not required.

* + - * 1. Track Type: Lift tracks. Standard.
        2. Track Type: Low headroom track.
        3. Track Type: High lift track.
        4. Track Type: Follow-the-roof track.
        5. Track Width: 2 inches (50 mm).

\*\* NOTE TO SPECIFIER \*\* 20 inch and 32 inch radius only available on doors up to 12 ft high. Delete track radius not required.

* + - * 1. Track Radius: 10 inch (254 mm).
        2. Track Radius: 12 inch (305 mm).
        3. Track Radius: 15 inch (381 mm).
        4. Track Radius: 20 inch (508 mm).
        5. Track Radius: 32 inch (813 mm).
  1. RESIDENTIAL STEEL SECTIONAL DOORS - GALLERY - VALUE AND VALUE PLUS SERIES (1 AND 2 LAYER)
     1. Residential Steel Sectional Doors: Gallery Collection Doors as manufactured by Clopay Corporation.

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

* + - 1. Model: GD4S, Non-insulated.
      2. Model: GD4L, Non-insulated.
      3. Model: GD4SV, polystyrene insulated.
      4. Model: GD4LV, polystyrene insulated.
      5. Model: GD5S, Non-insulated.
      6. Model: GD5SV, polystyrene insulated.

\*\* NOTE TO SPECIFIER \*\* The following applies to Models GD4SV, GD4LV and GD5SV. Delete if not required.

* + - 1. Thermal Resistance (R-value): 6.3 deg F hr sq ft/Btu; calculated in accordance with DASMA TDS-163.
      2. Door Construction:

\*\* NOTE TO SPECIFIER \*\* First option below applies to Models GD4S, GD4L and GD5S. Second option applies to Models GD4SV, GD4LV and GD5SV. Delete options for sections not required.

* + - * 1. Sections: Steel frame and skin construction.
        2. Sections: Steel frame and skin construction with 1-5/16 inch (33 mm) thick polystyrene insulation with vinyl backer.

\*\* NOTE TO SPECIFIER \*\* First option below applies to Models GD4S, GD4SV, GD5S and GD5SV. Second option applies to Models GD4L and GD4LV. Delete steel skins not required.

* + - * 1. Steel Skins: Formed from Short Grooved Panel embossed commercial or drawing quality steel sheet, hot-dip galvanized per ASTM A 924/A 924M and ASTM A 653/A 653M, pre-painted with primer and baked-on polyester topcoat.
        2. Steel Skins: Formed from Long Grooved Panel embossed commercial or drawing quality steel sheet, hot-dip galvanized per ASTM A 924/A 924M and ASTM A 653/A 653M, pre-painted with primer and baked-on polyester topcoat.
        3. Section Joints: Sections formed to create shiplap meeting joint.
        4. Reinforcing: Galvanized and primed steel reinforcement located under each hinge location, pre-punched for hinge attachment.
        5. Door Stiles: Galvanized steel end stiles and center stiles, pre-punched for easy hinge attachment.
        6. Connections: Stiles fastened to steel skins using Tog-L-Loc system.
        7. Handles: Black powder coated, hot-dipped galvanized step plate and lift handle (2 sets on doors over 10 ft wide) to comply with DASMA 116.
      1. Maximum Door Size: 18 feet (5.5 m) wide by 16 feet (4.9 m) high for GD5S and GD5SV. 20 feet (5.5 m) wide by 16 feet (4.9 m) for GD4S, GD4L, GD4SV, GD4LV.
      2. Overall Panel Thickness: 2.125 inches (54 mm).

\*\* NOTE TO SPECIFIER \*\* First option below applies to Models GD4S, GD4L, GD4SV, GD4LV. Second option applies to Models GD5S and GD5SV. Delete steel skins not required.

* + - 1. Steel Skin Thickness: Minimum 24 gauge 0.022 inch (0.56 mm).
      2. Steel Skin Thickness: Minimum 25 gauge 0.019 inch (0.48 mm).
      3. End Stiles: Galvanized steel end stiles, engineered for easy hardware attachment through pre-punched holes. Minimum 18 gauge, 0.049 inch (1.25 mm) thick.
      4. Bottom Section: Reinforced with continuous 0.040 inch (1.016 mm) aluminum astragal retainer with bulb-shaped flexible PVC astragal.

\*\* NOTE TO SPECIFIER \*\* Delete options for windows not required.

* + - 1. Windows: None, doors come standard with no windows.
      2. Windows: Architectural Series Short Windows; extruded cellular PVC windows measuring 19-1/2 x 16 inches (495 x 406 mm).

\*\* NOTE TO SPECIFIER \*\* Grilles only available with first two glazing options. Delete grilles not required.

* + - * 1. Grilles: Short with square grilles, SQ22.
        2. Grilles: Short with rectangular grilles, REC11.
        3. Grilles: Plain Short, no grilles.

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

* + - * 1. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        2. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
        3. Glazing: 1/8 inch (3 mm) Frosted glass.
        4. Glazing: 1/8 inch (3 mm) Rain glass.
        5. Glazing: 1/8 inch (3 mm) Seeded glass.
        6. Glazing: 1/8 inch (3 mm) Kristin Short, frosted DSB glass, leaded-look.
        7. Glazing: 1/8 inch (3 mm) Trenton Short, frosted DSB glass, leaded-look.
        8. Glazing: 1/8 inch (3 mm) Clayton Short, frosted DSB glass, leaded-look.
        9. Glazing: Wrought Iron Short, acrylic.
      1. Windows: Architectural Series Long Windows; extruded cellular PVC windows measuring 42 x 16 inches (1067 x 406 mm).

\*\* NOTE TO SPECIFIER \*\* Grilles available only with first two glazing options. Delete if not required.

* + - * 1. Grilles: Long with square grilles, SQ24.
        2. Grilles: Long with rectangular grilles, REC14.
        3. Grilles: Plain Long, no grilles.

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

* + - * 1. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        2. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
        3. Glazing: 1/8 inch (3 mm) Frosted glass.
        4. Glazing: 1/8 inch (3 mm) Rain glass.
        5. Glazing: 1/8 inch (3 mm) Seeded glass.
        6. Glazing: 1/8 inch (3 mm) Kristin Long frosted DSB glass, leaded-look.
        7. Glazing: 1/8 inch (3 mm) Trenton Long, frosted DSB glass, leaded-look.
        8. Glazing: 1/8 inch (3 mm) Clayton Long, frosted DSB glass, leaded-look.
        9. Glazing: Wrought Iron Long, acrylic.
      1. Windows: Decorative Insert Series Impact Resistant Windows, woodgrain textured, structurally enhanced window frames (to withstand a 350 ft-lb impact as per the Florida Building Code) measuring 19-1/2 x 16 inches (495 x 406 mm).

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing not required.

* + - * 1. Glazing: Clear polycarbonate.
        2. Glazing: Matte polycarbonate.
        3. Glazing: Bronze polycarbonate.
        4. Glazing: Pebbled polycarbonate.
        5. Grilles: Short with square grilles, SQ22.
        6. Grilles: Plain Short, no grilles.
      1. Windows: Decorative Insert Series Impact Resistant Windows, woodgrain textured, structurally enhanced window frames (to withstand a 350 ft-lb impact as per the Florida Building Code) measuring 42 x 16 inches (1067 x 406 mm).

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing not required.

* + - * 1. Glazing: Clear polycarbonate.
        2. Glazing: Matte polycarbonate.
        3. Glazing: Bronze polycarbonate.
        4. Glazing: Pebbled polycarbonate.
        5. Grilles: Long with square grilles, SQ24.
        6. Grilles: Plain Long, no grilles.
      1. Windows: Architectural Series ARCH1 Windows; extruded cellular PVC windows measuring 42 x 16 (1067 x 406 mm) with 159-1/2 inch (4051 mm) radius top.

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

* + - * 1. Grilles: Snap-in plastic square grilles, Grille on ARCH 1.
        2. Grilles: Vertical grilles, Vertical Grille on ARCH 1.
        3. Grilles: Plain, no grilles, Arch 1.

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

* + - * 1. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        2. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
        3. Glazing: 1/8 inch (3 mm) Frosted glass.
        4. Glazing: 1/8 inch (3 mm) Rain glass.
        5. Glazing: 1/8 inch (3 mm) Seeded glass.
      1. Windows: Architectural Series ARCH2 Windows; extruded cellular PVC windows measuring 42 x 16 inches (1067 x 406 mm) with a 39-3/4 inch (1010 mm) radius top.

\*\* NOTE TO SPECIFIER \*\* Grilles available only with first two glazing options. Delete if not required.

* + - * 1. Grilles: Snap-in plastic square grilles, Grille on ARCH 2.
        2. Grilles: Vertical grilles, Vertical Grille on ARCH 2.
        3. Grilles: Plain, no grilles, ARCH 2.

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

* + - * 1. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        2. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
        3. Glazing: 1/8 inch (3 mm) Frosted glass.
        4. Glazing: 1/8 inch (3 mm) Rain glass.
        5. Glazing: 1/8 inch (3 mm) Seeded glass.
        6. Glazing: 1/8 inch (3 mm) Wrought Iron ARCH, acrylic.
      1. Windows: Architectural Series ARCH3 Window Design; created by mixing Architectural Series Long windows measuring 42 inches x 16 inches with ARCH1 windows measuring 42 x 16 inches (1067 x 406 mm) with a 159-1/2 inch (4051 mm) radius top.

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

* + - * 1. Grilles: Snap-in plastic square grilles, Grille on ARCH 3.
        2. Grilles: Vertical grilles, Vertical Grille on ARCH 3.
        3. Grilles: Plain, no grilles, ARCH 3.

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

* + - * 1. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        2. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
        3. Glazing: 1/8 inch (3 mm) Frosted glass.
        4. Glazing: 1/8 inch (3 mm) Rain glass.
        5. Glazing: 1/8 inch (3 mm) Seeded glass.

\*\* NOTE TO SPECIFIER \*\* First option below applies to Models GD4S, GD4L and GD5S. Second option applies to Models GD4SV, GD4LV and GD5SV. Delete options for interior finish not required.

* + - 1. Interior Finish: Woodgrain embossed texture with white interior color.
      2. Interior Finish: Vinyl backer over polystyrene insulation.

\*\* NOTE TO SPECIFIER \*\* First option below applies to Models GD4S, GD4SV, GD5S and GD5SV. Second option applies to Models GD4L and GD4LV. Delete steel skins not required.

* + - 1. Exterior Finish: Woodgrain embossed texture, Short Grooved Panel embossments.
      2. Exterior Finish: Woodgrain embossed texture, Long Grooved Panel embossments:

\*\* NOTE TO SPECIFIER \*\* Delete colors not required. Colors apply to both exterior finishes above.

* + - * 1. Color: White.
        2. Color: Almond.
        3. Color: Desert Tan.
        4. Color: Sandtone.
        5. Color: Chocolate.
        6. Color: Clopay Color Blast \_\_\_\_.

\*\* NOTE TO SPECIFIER \*\* Delete locking types not required.

* + - 1. Locking: Keyed spring-loaded lock bar. Standard.
      2. Locking: Keyed spring-loaded snap latches.
      3. Locking: Non-keyed interior slide bolt.
      4. Weatherstripping: Bulb-shaped bottom seal.

\*\* NOTE TO SPECIFIER \*\* Perimeter seals are optional, choose from manufacturers standard options. Delete if not required.

* + - 1. Perimeter Seals: \_\_\_\_\_.
      2. Tracks: Vertical Tracks: 0.040 inch (1.02 mm) galvanized steel tapered and mounted for wedge type closing. Horizontal Tracks: 0.051 inch (1.29 mm) galvanized steel, reinforced with 0.0897 inch (2.28 mm) galvanized steel angles as required.

\*\* NOTE TO SPECIFIER \*\* Delete track type not required.

* + - * 1. Track Type: Lift tracks. Standard.
        2. Track Type: Low headroom track.
        3. Track Type: High lift track.
        4. Track Type: Follow-the-roof track.
        5. Track Width: 2 inches (50 mm).

\*\* NOTE TO SPECIFIER \*\* 20 inch and 32 inch radius only available on doors up to 12 ft high. Delete track radius not required.

* + - * 1. Track Radius: 10 inch (254 mm).
        2. Track Radius: 12 inch (305 mm).
        3. Track Radius: 15 inch (381 mm).
        4. Track Radius: 20 inch (508 mm).
        5. Track Radius: 32 inch (813 mm).
  1. RESIDENTIAL STEEL SECTIONAL DOORS - GALLERY - PREMIUM SERIES (3 LAYER)
     1. Residential Steel Sectional Doors: Gallery Collection Doors as manufactured by Clopay Corporation.

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

* + - 1. Model: GD1SP, Thermally-Broken, Expanded Polystyrene (EPS) Insulated.
      2. Model: GD1LP, Thermally-Broken, Expanded Polystyrene (EPS) Insulated.
      3. Model: GD1SU, Thermally-Broken, Intellicore Polyurethane Insulated.
      4. Model: GD1LU, Thermally-Broken, Intellicore Polyurethane Insulated.
      5. Model: GD2SP, Thermally-Broken, Expanded Polystyrene (EPS) Insulated.
      6. Model: GD2LP, Thermally-Broken, Expanded Polystyrene (EPS) Insulated.
      7. Model: GD2SU, Thermally-Broken, Intellicore Polyurethane Insulated.
      8. Model: GD2LU, Thermally-Broken, Intellicore Polyurethane Insulated.
      9. Door Construction:

\*\* NOTE TO SPECIFIER \*\* First option applies to Models GD1SP, GD1LP, GD2SP, GD2LP. Second option applies to Model GD1SU, GD1LU, GD2SU and GD2LU. Delete if not required.

* + - * 1. Sections: Pressure bonded expanded polystyrene (EPS) core construction between exterior and interior steel skins.
        2. Sections: Foamed in place Intellicore Polyurethane core construction between exterior and interior steel skins.

\*\* NOTE TO SPECIFIER \*\* First option applies to Model GD1SP, GD1SU,GD2SP and GD2SU. Second option applies to Model GD1LP, GD1LU,GD2LP and GD2LU. Delete if not required.

* + - * 1. Exterior Steel Skins: Formed from Short Grooved Panel embossed commercial or drawing quality steel sheet, hot-dip galvanized per ASTM A 924/A 924M and ASTM A 653/A 653M, pre-painted with primer and baked-on polyester topcoat.
        2. Exterior Steel Skins: Formed from Long Grooved Panel embossed commercial or drawing quality steel sheet, hot-dip galvanized per ASTM A 924/A 924M and ASTM A 653/A 653M, pre-painted with primer and baked-on polyester topcoat.
        3. Interior Steel Skins: Formed from roll formed commercial or drawing quality steel sheet, hot-dip galvanized per ASTM A 924/A 924M and ASTM A 653/A 653M, pre-painted with primer and baked-on polyester topcoat.
        4. Section Joints: Sections formed to create tongue-in-groove meeting joint with thermal break.
        5. Door Stiles: Galvanized steel end stiles and center stiles, pre-punched for easy hinge attachment.
        6. Reinforcing: Galvanized and primed steel reinforcement located under each hinge location, pre-punched for hinge attachment.
        7. Handles: Black powder coated, hot-dipped galvanized step plate and lift handle (2 sets on doors over 10 ft wide) to comply with DASMA 116.

\*\* NOTE TO SPECIFIER \*\* First option applies to Models GD1SP, GD1LP, GD1SU and GD1LU. Second option applies to Model GD2SP, GD2LP, GD2SU, and GD2LU. Delete if not required.

* + - 1. Maximum Door Size: 18 ft (5.5 m) wide by 16 ft (4.9 m) high.
      2. Maximum Door Size: 20 ft (6.1 m) wide by 16 ft (4.9 m) high.

\*\* NOTE TO SPECIFIER \*\* First option applies to Models GD1SP, GD1LP, GD1SU and GD1LU. Second option applies to Model GD2SP, GD2LP, GD2SU, and GD2LU. Delete if not required.

* + - 1. Overall Panel Thickness: 1.375 inches (35 mm).
      2. Overall Panel Thickness: 2 inches (35 mm).

\*\* NOTE TO SPECIFIER \*\* First option applies to Models GD1SP, GD1LP, GD2SP and GD2LP. Second option applies to Model GD2SP, GD2LP, GD2SU, and GD2LU. Delete if not required. Third option applies to Models GD1SP, GD1LP, GD2SP and GD2LP in Black and all Ultra-Grain Finishes. Fourth option applies to Model GD2SP, GD2LP, GD2SU, and GD2LU. Delete if not required in Black and all Ultra-Grain Finishes.

* + - 1. Steel Skin Thickness: Minimum 27 gauge 0.016 inch (0.40 mm) exterior; minimum 28 gauge 0.015 inch (0.38 mm) interior.
      2. Steel Skin Thickness: Minimum 27 gauge 0.016 inch (0.40 mm) exterior; minimum 29 gauge 0.012 inch (0.30 mm) interior.
      3. Steel Skin Thickness: Minimum 24 gauge 0.022 inch (0.55 mm) exterior; minimum 28 gauge 0.015 inch (0.38 mm) interior.
      4. Steel Skin Thickness: Minimum 24 gauge 0.022 inch (0.55 mm) exterior; minimum 29 gauge 0.012 inch (0.30 mm) interior.
      5. End Stiles: Galvanized steel end stiles, engineered for easy hardware attachment through pre-punched holes. Minimum 20 gauge, 0.034 inch (0.86 mm) thick.
      6. Bottom Section: Reinforced with continuous 0.040 inch (1.016 mm) aluminum astragal retainer with U-shaped flexible PVC astragal.
      7. Thermal Resistance: Calculated in accordance with DASMA TDS-163.

\*\* NOTE TO SPECIFIER \*\* First option applies to Models GD1SP, GD1LP. Second option applies to models GD2SP and GD2LP. Third option applies to Model GD1SU and GD1LU. Fourth option applies to Models GD2SU and GD2LU. Delete options not required.

* + - * 1. R-Value: 6.5 deg F hr sq ft/Btu.
        2. R-Value: 9.0 deg F hr sq ft/Btu.
        3. R-Value: 12.9 deg F hr sq ft/Btu.
        4. R-Value: 18.4 deg F hr sq ft/Btu.

\*\* NOTE TO SPECIFIER \*\* Delete options for windows not required.

* + - 1. Windows: None, doors come standard with no windows.
      2. Windows: Architectural Series Short Windows; extruded cellular PVC windows measuring 19-1/2 x 16 inches (495 x 406 mm).

\*\* NOTE TO SPECIFIER \*\* Grilles available only with first four glazing options. Delete if not required.

* + - * 1. Grilles: Short with square grilles, SQ22.
        2. Grilles: Short with rectangular grilles, REC12
        3. Grilles: Plain Short, no grilles.

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing not required.

* + - * 1. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        2. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
        3. Glazing: 1/2 inch (12 mm) Insulated DSB glass.
        4. Glazing: 1/2 inch (12 mm) Insulated Obscure DSB glass.
        5. Glazing: 1/8 inch (3 mm) Frosted glass.
        6. Glazing: 1/2 inch (12 mm) Insulated Frosted glass.
        7. Glazing: 1/8 inch (3 mm) Rain glass.
        8. Glazing: 1/2 inch (12 mm) Insulated Rain glass.
        9. Glazing: 1/8 inch (3 mm) Seeded glass.
        10. Glazing: 1/2 inch (12 mm) Insulated Seeded glass.
        11. Glazing: 1/8 inch (3 mm) Kristin Short, frosted DSB glass, leaded-look.
        12. Glazing: 1/8 inch (3 mm) Trenton Short, frosted DSB glass, leaded-look.
        13. Glazing: 1/8 inch (3 mm) Clayton Short, frosted DSB glass, leaded-look.
        14. Glazing: 1/2 inch (12 mm) Kristin Short, frosted insulated DSB glass, leaded-look.
        15. Glazing: 1/2 inch (12 mm) Trenton Short, frosted insulated DSB glass, leaded-look.
        16. Glazing: 1/2 inch (12 mm) Clayton Short, frosted insulated DSB glass, leaded-look.
        17. Glazing: Wrought Iron Short, acrylic.
      1. Windows: Architectural Series Long Windows, extruded cellular PVC windows measuring 42 x 16 inches (1067 x 406 mm).

\*\* NOTE TO SPECIFIER \*\* Grilles available only with first four glazing options. Delete if not required.

* + - * 1. Grilles: Long with square grilles, SQ24.
        2. Grilles: Long with rectangular grilles, REC14.
        3. Grilles: Plain Long, no grilles.

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing not required.

* + - * 1. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        2. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
        3. Glazing: 1/2 inch (12 mm) Insulated DSB glass.
        4. Glazing: 1/2 inch (12 mm) Insulated Obscure DSB glass.
        5. Glazing: 1/8 inch (3 mm) Frosted glass.
        6. Glazing: 1/2 inch (12 mm) Insulated Frosted glass.
        7. Glazing: 1/8 inch (3 mm) Rain glass.
        8. Glazing: 1/2 inch (12 mm) Insulated Rain glass.
        9. Glazing: 1/8 inch (3 mm) Seeded glass.
        10. Glazing: 1/2 inch (12 mm) Insulated Seeded glass.
        11. Glazing: 1/8 inch (3 mm) Kristin Long, frosted DSB glass, leaded-look.
        12. Glazing: 1/8 inch (3 mm) Trenton Long frosted DSB glass, leaded-look.
        13. Glazing: 1/8 inch (3 mm) Clayton Long, frosted DSB glass, leaded-look.
        14. Glazing: 1/2 inch (12 mm) Kristin Long, frosted insulated DSB glass, leaded-look.
        15. Glazing: 1/2 inch (12 mm) Trenton Long, frosted insulated DSB glass, leaded-look.
        16. Glazing: 1/2 inch (12 mm) Clayton Long, frosted insulated DSB glass, leaded-look.
        17. Glazing: Wrought Iron Long, acrylic.
      1. Windows: Decorative Insert Series Impact Resistant Windows, woodgrain textured, structurally enhanced window frames (to withstand a 350 ft-lb impact as per the Florida Building Code) measuring 19-1/2 x 16 inches (495 x 406 mm).

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing and grilles not required.

* + - * 1. Glazing: Clear polycarbonate.
        2. Glazing: Matte polycarbonate.
        3. Glazing: Bronze polycarbonate.
        4. Glazing: Pebbled polycarbonate.
        5. Grilles: Short with square grilles, SQ22.
        6. Grilles: Plain Short, no grilles.
      1. Windows: Decorative Insert Series Impact Resistant Windows, woodgrain textured, structurally enhanced window frames (to withstand a 350 ft-lb impact as per the Florida Building Code) measuring 42 x 16 inches (1067 x 406 mm).

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing and grilles not required.

* + - * 1. Glazing: Clear polycarbonate.
        2. Glazing: Matte polycarbonate.
        3. Glazing: Bronze polycarbonate.
        4. Glazing: Pebbled polycarbonate.
        5. Grilles: Long with square grilles, SQ24.
        6. Grilles: Plain Long, no grilles.
      1. Windows: Architectural Series ARCH1 Windows; extruded cellular PVC windows measuring 42 x 16 inches (1067 x 406 mm) with a 159-1/2 inch radius top.

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

* + - * 1. Grilles: Snap-in plastic square grilles, Grille on ARCH 1.
        2. Grilles: Vertical grilles, Vertical Grille on ARCH1.
        3. Grilles: Plain, no grilles, ARCH 1.

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing not required.

* + - * 1. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        2. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
        3. Glazing: 1/2 inch (12 mm) Insulated DSB glass
        4. Glazing: 1/2 inch (12 mm) Insulated obscure DSB glass.
        5. Glazing: 1/8 inch (3 mm) Frosted glass.
        6. Glazing: 1/2 inch (12 mm) Insulated Frosted glass.
        7. Glazing: 1/8 inch (3 mm) Rain glass.
        8. Glazing: 1/2 inch (12 mm) Insulated Rain glass.
        9. Glazing: 1/8 inch (3 mm) Seeded glass.
        10. Glazing: 1/2 inch (12 mm) Insulated Seeded glass.
      1. Windows: Architectural Series ARCH2 Windows; extruded cellular PVC windows measuring 42 x 16 inches (1067 x 406 mm) with a 39-3/4 inches radius top.

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

* + - * 1. Grilles: Snap-in plastic square grilles, Grille on ARCH2.
        2. Grilles: Vertical grilles, Verticals Grille on ARCH2.
        3. Grilles: Plain, no grilles, ARCH 2.

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing not required.

* + - * 1. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        2. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
        3. Glazing: 1/2 inch (12 mm) Insulated DSB glass.
        4. Glazing: 1/2 inch (12 mm) Insulated obscure DSB glass.
        5. Glazing: 1/8 inch (3 mm) Frosted glass.
        6. Glazing: 1/2 inch (12 mm) Insulated Frosted glass.
        7. Glazing: 1/8 inch (3 mm) Rain glass.
        8. Glazing: 1/2 inch (12 mm) Insulated Rain glass.
        9. Glazing: 1/8 inch (3 mm) Seeded glass.
        10. Glazing: 1/2 inch (12 mm) Insulated Seeded glass.
        11. Glazing: Wrought Iron ARCH, Acrylic.
      1. Windows: Architectural Series ARCH3 Window Design; created by mixing Architectural Series Long windows measuring 42 x 16 inches (1067 x 406 mm) with ARCH1 windows measuring 42 x 16 inches (1067 x 406 mm) with a 159-1/2 inch radius top.

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

* + - * 1. Grilles: Snap-in plastic square grilles, Grille on ARCH3.
        2. Grilles: Vertical grilles, Vertical Grille on ARCH3.
        3. Grilles: Plain, no grilles, ARCH3.

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing not required.

* + - * 1. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        2. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
        3. Glazing: 1/2 inch (12 mm) Insulated DSB glass.
        4. Glazing: 1/2 inch (12 mm) Insulated Obscure DSB glass.
        5. Glazing: 1/8 inch (3 mm) Frosted glass.
        6. Glazing: 1/2 inch (12 mm) Insulated Frosted glass.
        7. Glazing: 1/8 inch (3 mm) Rain glass.
        8. Glazing: 1/2 inch (12 mm) Insulated Rain glass.
        9. Glazing: 1/8 inch (3 mm) Seeded glass.
        10. Glazing: 1/2 inch (12 mm) Insulated Seeded glass.

\*\* NOTE TO SPECIFIER \*\* First option applies to Models GD1SP, GD1LP, GD2SP and GD2LP. Second option applies to Model GD1SU, GD1LU, GD2SU and GD2LU. Delete if not required.

* + - 1. Interior Finish: Stucco embossed texture with flush design, white interior color.
      2. Interior Finish: Stucco embossed texture with shallow U-ribbed pattern, white interior color.

\*\* NOTE TO SPECIFIER \*\* First option applies to Model GD1SP, GD2SP, GD1SU and GD2SU. Second option applies to Model GD1LP, GD2LP, GD1LU and GD2LU. Delete if not required.

* + - 1. Exterior Finish: Woodgrain embossed texture, Short Grooved Panel embossments.
      2. Exterior Finish: Woodgrain embossed texture. Long Grooved Panel embossments.

\*\* NOTE TO SPECIFIER \*\* Delete colors not required. Colors apply to both exterior finishes above.

* + - * 1. Color: Standard White.
        2. Color: Glacier White.
        3. Color: Almond.
        4. Color: Desert Tan.
        5. Color: Sandtone.
        6. Color: Bronze.
        7. Color: Chocolate.
        8. Color: Mocha Brown.
        9. Color: Black.
        10. Color: Charcoal.
        11. Color: Clopay Color Blast \_\_\_\_\_.

\*\* NOTE TO SPECIFIER \*\* First option applies to Model GD1SP, GD2SP, and GD2SU. Second option applies to Model GD1LP, GD2LP, and GD2LU. Options are not available for Models GD1SU and GD1LU. Delete if not required.

* + - 1. Exterior Finish: Ultra-Grain Exterior Finish; stucco embossed texture with Short Grooved Panel embossments
      2. Exterior Finish: Ultra-Grain Exterior Finish; stucco embossed texture with Long Grooved Panel embossments.

\*\* NOTE TO SPECIFIER \*\* Options are not available for Models GD1SU and GD1LU. Delete color not required. Colors apply to the both exterior finishes above.

* + - * 1. Color: Ultra-Grain Oak Medium Finish.
        2. Color: Ultra-Grain Oak Dark Finish.
        3. Color: Ultra-Grain Oak Walnut Finish.
        4. Color: Ultra-Grain Oak Slate Finish.

\*\* NOTE TO SPECIFIER \*\* Delete locking types not required.

* + - 1. Locking: Keyed spring-loaded lock bar. Standard.
      2. Locking: Keyed spring-loaded snap latches.
      3. Locking: Non-keyed interior slide bolt.
      4. Weatherstripping: U-shaped bottom seal.

\*\* NOTE TO SPECIFIER \*\* Perimeter seals are optional, choose from manufacturers standard options. Delete if not required.

* + - 1. Perimeter Seals: \_\_\_\_\_.
      2. Tracks: Vertical Tracks: 0.040 inch (1.02 mm) galvanized steel tapered and mounted for wedge type closing. Horizontal Tracks: 0.051 inch (1.29 mm) galvanized steel, reinforced with 0.0897 inch (2.28 mm) galvanized steel angles as required.

\*\* NOTE TO SPECIFIER \*\* Delete track type not required.

* + - * 1. Track Type: Lift tracks. Standard.
        2. Track Type: Low headroom track.
        3. Track Type: High lift track.
        4. Track Type: Follow-the-roof track.
        5. Track Width: 2 inches (50 mm).

\*\* NOTE TO SPECIFIER \*\* 20 inch and 32 inch radius only available on doors up to 12 ft high. Delete track radius not required.

* + - * 1. Track Radius: 10 inch (254 mm).
        2. Track Radius: 12 inch (305 mm).
        3. Track Radius: 15 inch (381 mm).
        4. Track Radius: 20 inch (508 mm).
        5. Track Radius: 32 inch (813 mm).
  1. RESIDENTIAL SECTIONAL DOORS - GRAND HARBOR SERIES
     1. Residential Sectional Doors: Grand Harbor Collection as manufactured by Clopay Corporation.
        1. Model: GH11 24-ga, Wood-grain Embossed Flush Steel Pan Doors w/Decorative Composite Overlays.
        2. Model: GH12 24-ga, Wood-grain Embossed Flush Steel Pan Doors w/Decorative Composite Overlays.
        3. Model: GH13 24-ga, Wood-grain Embossed Flush Steel Pan Doors w/Decorative Composite Overlays.
        4. Model: GH21 24-ga, Wood-grain Embossed Flush Steel Pan Doors w/Decorative Composite Overlays.
        5. Model: GH22 24-ga, Wood-grain Embossed Flush Steel Pan Doors w/Decorative Composite Overlays.
        6. Model: GH31 24-ga, Wood-grain Embossed Flush Steel Pan Doors w/Decorative Composite Overlays.
        7. Model: GH36 24-ga, Wood-grain Embossed Flush Steel Pan Doors w/Decorative Composite Overlays.
        8. Model: GH41 24-ga, Wood-grain Embossed Flush Steel Pan Doors w/Decorative Composite Overlays.
        9. Model: GH00: 24-ga, Wood-grain Embossed Flush Steel Pan Replacement Sections w/ no Overlays.
        10. Door Construction:

\*\* NOTE TO SPECIFIER \*\* Thermal resistance subparagraph does not apply to first option. Delete option for section not required.

* + - * 1. Sections: Composite overlays adhered to base door constructed of steel frame and skin construction.
        2. Sections: Composite overlays adhered to base door constructed of steel frame and skin construction with 1-5/8 inch thick expanded polystyrene (EPS) insulation with vinyl backer.
        3. Steel Skins: Formed from flush commercial or drawing quality steel sheet, hot-dip galvanized per ASTM A 924/A 924M and ASTM A 653/A 653M, pre-painted with primer and baked-on polyester topcoat.
        4. Section Joints: Sections formed to create shiplap meeting joint.
        5. Door Stiles: Galvanized steel end stiles and center stiles, pre-punched for easy hinge attachment.
        6. Connections: Stiles fastened to steel skins using Tog-L-Loc system.
        7. Handles: Black powder coated, hot-dipped galvanized step plate and lift handle (2 sets on doors over 10 ft wide) to comply with DASMA 116.
      1. Maximum Door Size: 18 ft (5.5 m) wide by 12 ft (3.66 m) high.
      2. Base Door Thickness: 2.125 inches (54 mm).
      3. Overall Panel Thickness: 2.625 inches (67 mm).
      4. Steel Skin Thickness: Minimum 24 gauge 0.022 inch (0.56 mm).
      5. End Stiles: Galvanized steel end stiles, engineered for easy hardware attachment through pre-punched holes. Minimum 18 gauge, 0.049 inch (1.25 mm) thick.
      6. Bottom Section: Reinforced with continuous 0.040 inch (1.016 mm) aluminum astragal retainer with U-shaped flexible PVC astragal.

\*\* NOTE TO SPECIFIER \*\* Delete thermal resistance paragraph below if insulation is not required.

* + - 1. Thermal Resistance (R-value): 6.3 deg F hr sq ft/Btu; calculated in accordance with DASMA TDS-163.

\*\* NOTE TO SPECIFIER \*\* Delete options for windows not required.

* + - 1. Windows: None, doors come standard with no windows.
      2. Windows: Optional Short Windows; extruded cellular PVC windows measuring 19-1/2 x 16 inches (495 x 406 mm).

\*\* NOTE TO SPECIFIER \*\* Grilles only available with first two glazing options. Delete grilles not required.

* + - * 1. Grilles: Snap-in plastic square grilles, SQ22.
        2. Grilles: Rectangular grilles, REC12.
        3. Grilles: Plain Short, no grilles.

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

* + - * 1. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        2. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
        3. Glazing: Wrought Iron Short, acrylic.
      1. Windows: Optional Long Windows: Extruded cellular PVC windows measuring 42 inches x 16 inches (1067 x 406 mm).

\*\* NOTE TO SPECIFIER \*\* Grilles only available with first two glazing options. Delete grilles not required.

* + - * 1. Grilles: Snap-in plastic square grilles, SQ24.
        2. Grilles: Rectangular grilles, REC14.
        3. Grilles: Plain Long, no grilles.

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

* + - * 1. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        2. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
        3. Glazing: Wrought Iron Long, acrylic.
      1. Windows: Optional ARCH1 Windows; extruded cellular PVC windows measuring 42 x 16 inches (1067 x 406 mm) with a 159-1/2 inch (4051 mm) radius top.

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

* + - * 1. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        2. Glazing: 1/8 inch (3 mm) Obscure DSB glass.

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

* + - * 1. Grilles: Snap-in plastic square grilles, Grille on ARCH1.
        2. Grilles: Vertical grilles, Vertical Grille on ARCH1.
        3. Grilles: Plain, no grilles, ARCH1.
      1. Windows: Optional XG24 "Faux Window" Design, measuring 42 inches x 16 inches (1067 x 406 mm), created using a solid dark gray steel background with decorative snap-in plastic grilles.
         1. Glazing: None.
      2. Windows: Optional XG14 "Faux Window" Design, measuring 42 inches x 16 inches (1067 x 406 mm), created using a solid dark gray steel background with decorative snap-in plastic grilles.
         1. Glazing: None.
      3. Windows: Optional XA24 "Faux Window" Design, measuring 42 x 16 inches (1067 x 406 mm) with a 159-1/2 inch (4051 mm) radius top, created using a solid dark gray steel background with decorative snap-in plastic grilles.
         1. Glazing: None.
      4. Interior Finish: Vinyl backer over expanded polystyrene (EPS) insulation.
      5. Exterior Finish: Base Door Woodgrain embossed texture with flush design.

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

* + - * 1. Color: White.
        2. Color: Almond.
        3. Color: Desert Tan.
        4. Color: Sandtone.
        5. Color: Colorblast Color\_\_\_\_.

\*\* NOTE TO SPECIFIER \*\* Delete locking type not required.

* + - 1. Locking: Non-keyed interior slide bolt. Standard.
      2. Locking: Decorative keyed snap latch lock.
      3. Weatherstripping: Standard, Provide bulb shaped bottom seal.

\*\* NOTE TO SPECIFIER \*\* Perimeter seals are optional, choose from manufacturers standard options. Delete if not required.

* + - 1. Perimeter Seals: \_\_\_\_\_.
      2. Tracks: Vertical Tracks: 0.040 inch (1.02 mm) galvanized steel tapered and mounted for wedge type closing. Horizontal Tracks: 0.051 inch (1.29 mm) galvanized steel, reinforced with 0.0897 inch (2.28 mm) galvanized steel angles as required.

\*\* NOTE TO SPECIFIER \*\* Delete track type not required.

* + - * 1. Track Type: Lift tracks. Standard.
        2. Track Type: Low headroom track.
        3. Track Type: High lift track.
        4. Track Type: Follow-the-roof track.
        5. Track Width: 2 inches (50 mm).

\*\* NOTE TO SPECIFIER \*\* 20 inch and 32 inch radius only available on doors up to 12 ft high. Delete track radius not required.

* + - * 1. Track Radius: 10 inch (254 mm).
        2. Track Radius: 12 inch (305 mm).
        3. Track Radius: 15 inch (381 mm).
        4. Track Radius: 20 inch (508 mm).
        5. Track Radius: 32 inch (813 mm).
  1. RESIDENTIAL SECTIONAL DOORS - CANYON RIDGE CARRIAGE HOUSE - (5 AND 4 LAYER)
     1. Residential Sectional Doors: Canyon Ridge Collection as manufactured by Clopay Corporation.

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

* + - 1. Model: Clopay Model CAN2 Limited Edition Series Doors.
      2. Model: Clopay Model CAN2 Ultra-Grain Series Doors.
      3. Door Construction:
         1. Sections: Composite cladding and overlays adhered to base door constructed of foamed in place Intellicore polyurethane core construction between exterior and interior steel skins.
         2. Exterior Steel Skins: Formed from flush commercial or drawing quality steel sheet, hot-dip galvanized per ASTM A 924/A 924M and ASTM A 653/A 653M, pre-painted with primer and baked-on polyester topcoat.
         3. Interior Steel Skins: Formed from roll formed commercial or drawing quality steel sheet, hot-dip galvanized per ASTM A 924/A 924M and ASTM A 653/A 653M, pre-painted with primer and baked-on polyester topcoat.
         4. Section Joints: Sections formed to create weather tight tongue-in-groove meeting joint with thermal break.
         5. Reinforcing: Galvanized and primed steel reinforcement located under each hinge location, pre-punched for hinge attachment.
         6. Door Stiles: Galvanized steel end stiles and center stiles, pre-punched for easy hinge attachment.
         7. Handles: Black powder coated, hot-dipped galvanized step plate and lift handle (2 sets on doors over 10 ft wide) to comply with DASMA 116.
      4. Maximum Door Size: 20 ft (6.1 m) wide by 10 ft (3.05 m) high.
      5. Base Door Thickness: 2 inches (51 mm).

\*\* NOTE TO SPECIFIER \*\* First option applies to Limited Edition. Second option applies to Ultra-Grain. Delete overall panel thickness not required.

* + - 1. Overall Panel Thickness: 3 inches (76.2 mm).
      2. Overall Panel Thickness: 2.5 inches (63.5 mm).
      3. Steel Skin Thickness: Minimum 27 gauge 0.016 inch (0.40 mm) exterior; minimum 29 gauge 0.012 inch (0.30 mm) interior.
      4. Steel Skin Thickness: Minimum 25 gauge 0.019 inch (0.50 mm) exterior; minimum 29 gauge 0.012 inch (0.30 mm) interior.
      5. End Stiles: Galvanized steel end stiles, engineered for easy hardware attachment through pre-punched holes. Minimum 20 gauge, 0.034 inch (0.86 mm) thick.
      6. Bottom Section: Reinforced with continuous 0.040 inch (1.016 mm) aluminum astragal retainer with U-shaped flexible PVC astragal.
      7. Thermal Resistance: Calculated in accordance with DASMA TDS-16.

\*\* NOTE TO SPECIFIER \*\* First option applies to Limited Edition. Second option applies to Ultra-Grain. Delete option not required.

* + - * 1. R-Value: 20.4 deg F hr sq ft/Btu.
        2. R-Value: 18.4 deg F hr sq ft/Btu.

\*\* NOTE TO SPECIFIER \*\* Delete options for windows not required.

* + - 1. Windows: None, doors come with no windows.
      2. Windows: REC11.
      3. Windows: REC13.
      4. Windows: REC14.
      5. Windows: SQ23.
      6. Windows: SQ24.
      7. Windows: ARCH1.
      8. Windows: ARCH3.
      9. Windows: ARCH4.
      10. Windows: ARC1A.
      11. Windows: ARC3A.
      12. Windows: ARC4A.
      13. Windows: ARCH13.
      14. Windows: ARCH14.

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing not required.

* + - 1. Glazing: 1/8 inch (3 mm) Clear DSB glass.
      2. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
      3. Glazing: 1/8 inch (3 mm) Seeded DSB glass.
      4. Glazing: 3/4 inch (19 mm) Insulated Clear DSB glass.
      5. Glazing: 3/4 inch (19 mm) Insulated Obscure DSB glass.
      6. Glazing: 3/4 inch (19 mm) Insulated Seeded DSB glass.
      7. Glazing: 1/8 inch (3 mm) Frosted glass.
      8. Glazing: 3/4 inch (19 mm) Insulated Frosted glass.
      9. Glazing: 1/8 inch (3 mm) Rain glass.
      10. Glazing: 3/4 inch (19 mm) Insulated Rain glass.

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

* + - 1. Window Height: 11 inches (279.4 mm) on 21 inches (533.4 mm) high sections.
      2. Window Height: 14 inches (355.6 mm) on 24 inches (609.6 mm) high sections.
      3. Window Width: As scheduled and indicated on Drawings in accordance with manufacturer's guidelines.
      4. Interior Finish: Stucco embossed texture with shallow U ribbed pattern, white interior.

\*\* NOTE TO SPECIFIER \*\* The following option applies only to Limited Edition. Delete if not required.

* + - 1. Exterior Finish: Composite cladding.

\*\* NOTE TO SPECIFIER \*\* Whitewash finish available only on Mahogany cladding. Factory primed finish must be painted or stained in field. Delete option for color not required.

* + - * 1. Color: Medium Finish.
        2. Color: Dark Finish.
        3. Color: Walnut Finish.
        4. Color: Whitewash Finish.
        5. Color: Primed.
        6. Color: Black.

Color: Slate Finish\*\* NOTE TO SPECIFIER \*\* Delete option for texture not required.

* + - * 1. Texture: Clear Cypress woodgrain.
        2. Texture: Pecky Cypress woodgrain.
        3. Texture: Mahogany woodgrain.

\*\* NOTE TO SPECIFIER \*\* The following option applies only to Limited Edition. Delete if not required.

* + - 1. Exterior Finish: Composite overlays.

\*\* NOTE TO SPECIFIER \*\* Whitewash finish available only on Mahogany overlays. Factory primed finish must be painted or stained in field. Delete option for color not required.

* + - * 1. Color: Medium Finish.
        2. Color: Dark Finish.
        3. Color: Walnut Finish.
        4. Color: Whitewash Finish. (Mahogany only).
        5. Color: Primed.
        6. Color: Black (Mahogany only).
        7. Color: Slate.

\*\* NOTE TO SPECIFIER \*\* Delete option for texture not required.

* + - * 1. Texture: Clear Cypress woodgrain.
        2. Texture: Mahogany woodgrain.

\*\* NOTE TO SPECIFIER \*\* The following option applies only to Ultra-Grain. Delete if not required.

* + - 1. Exterior Finish: Ultra-Grain Base Door Woodgrain embossed texture with flush design in one of the following color options to simulate the look of stained wood:

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

* + - * 1. Color: Ultra-Grain Cypress Medium Finish.
        2. Color: Ultra-Grain Cypress Walnut Finish.
        3. Color: Ultra-Grain Cypress Slate Finish
        4. Color: Black.
        5. Color: White.
        6. Color: Primed.

\*\* NOTE TO SPECIFIER \*\* The following option applies only to Ultra-Grain. Delete if not required.

* + - 1. Exterior Finish: Composite overlays with Clear Cypress woodgrain texture and square edges.

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

* + - * 1. Color: Medium Finish.
        2. Color: Walnut Finish.
        3. Color: Dark Finish.
        4. Color: Slate Finish.
        5. Color: White.
        6. Color: Black.

\*\* NOTE TO SPECIFIER \*\* Delete locking type not required.

* + - 1. Locking: Non-keyed interior slide bolt. Standard
      2. Locking: Decorative keyed snap latch lock.
      3. Weatherstripping: Standard, Provide U -shaped bottom seal.

\*\* NOTE TO SPECIFIER \*\* Perimeter seals are optional, choose from manufacturers standard options. Delete if not required.

* + - 1. Perimeter Seals: \_\_\_\_\_.
      2. Tracks: Vertical Tracks: 0.040 inch (1.02 mm) galvanized steel tapered and mounted for wedge type closing. Horizontal Tracks: 0.051 inch (1.29 mm) galvanized steel, reinforced with 0.0897 inch (2.28 mm) galvanized steel angles as required.

\*\* NOTE TO SPECIFIER \*\* Delete track type not required.

* + - * 1. Track Type: Lift tracks. Standard.
        2. Track Type: Low headroom track.
        3. Track Type: High lift track.
        4. Track Type: Follow-the-roof track.
        5. Track Width: 2 inches (50 mm).

\*\* NOTE TO SPECIFIER \*\* 20 inch and 32 inch radius only available on doors up to 12 ft high. Delete track radius not required.

* + - * 1. Track Radius: 10 inch (254 mm).
        2. Track Radius: 12 inch (305 mm).
        3. Track Radius: 15 inch (381 mm).
        4. Track Radius: 20 inch (508 mm).
        5. Track Radius: 32 inch (813 mm).
  1. RESIDENTIAL SECTIONAL DOORS - MODERN STEEL SERIES
     1. Residential Steel Sectional Doors: Modern Steel Collection as manufactured by Clopay Corporation.
        1. Expanded Polystyrene (EPS) Insulated 1-3/8 inch (35 mm) thick product:

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

* + - * 1. Flush Model: Clopay Model 4051.
        2. Flush Model: Clopay Model 4132.
        3. Flush Model: Clopay Model 4138.
      1. Expanded Polystyrene (EPS) Insulated 2 inches (51 mm) thick product:
         1. Flush Model: Clopay Model 4301.
         2. Flush Model: Clopay Model 4302.
         3. Flush Model: Clopay Model 4308.
         4. Grooved Model: Clopay Model 4305.
         5. Grooved Model: Clopay Model 4309.
      2. Thermally-Broken, Intellicore Polyurethane insulated 1-3/8 inch (35 mm) thick product:

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

* + - * 1. Flush Model: Clopay Model 9131.
        2. Flush Model: Clopay Model 9132.
        3. Flush Model: Clopay Model 9138.
        4. Grooved Model: Clopay Model 9139.
      1. Thermally-Broken, Intellicore Polyurethane insulated 2 inches (51 mm) thick product:
         1. Flush Model: Clopay Model 9201.
         2. Flush Model: Clopay Model 9202.
         3. Flush Model: Clopay Model 9208.
         4. Grooved Model: Clopay Model 9205
         5. Grooved Model: Clopay Model 9209.
      2. Tongue and Groove Flush Models:
         1. Flush Model T40F: 24 Ga. Tongue and Groove Joint Flush Non-Insulated.
         2. Flush Model T42F: 24 Ga. Tongue and Groove Joint Flush 1-5/16 inch insulated.
      3. Door Construction:

\*\* NOTE TO SPECIFIER \*\* First option applies to models 4051, 4132, 4301, 4302 and 4305. Second option applies to models 9131, 9132, 9201, 9202 and 9205. Delete section not required.

* + - * 1. Sections (EPS): Pressure bonded expanded polystyrene (EPS) core construction between exterior and interior steel skins.
        2. Sections (Intellicore): Foamed in place Intellicore Polyurethane core construction between exterior and interior steel skins.
        3. Exterior Steel Skins: Formed from flush commercial or drawing quality steel sheet, hot-dip galvanized per ASTM A 924/A 924M and ASTM A 653/A 653M, pre-painted with primer and baked-on polyester topcoat.
        4. Interior Steel Skins: Formed from roll formed commercial or drawing quality steel sheet, hot-dip galvanized per ASTM A 924/A 924M and ASTM A 653/A 653M, pre-painted with primer and baked-on polyester topcoat.
        5. Section Joints: Sections formed to create tongue-in-groove meeting joint with thermal break.
        6. Door Stiles: Galvanized steel end stiles and center stiles, pre-punched for easy hinge attachment (1 layer doors only).
        7. Reinforcing: Galvanized and primed steel reinforcement located under each hinge location, pre-punched for hinge attachment.
        8. Connections: Stiles fastened to steel skins using Tog-L-Loc system. Handles: 2 High impact polymer step plate/lift handles to comply with DASMA 116 and be color-matched to the door sections.

\*\* NOTE TO SPECIFIER \*\* First option applies to models 4051, 4132, 9131, and 9132. Second option applies to models 4301, 4302, 4305, 9201, 9202 and 9205. Delete maximum door size not required.

* + - 1. Maximum Door (Size 1-3/8 inch Thick): 18 ft (5.5 m) wide by 16 ft (4.9 m) high.
      2. Maximum Door (Size 2 inch Thick): 20 ft (6.1 m) wide by 16 ft (4.9 m) high.
      3. Steel Skin Thickness:

\*\* NOTE TO SPECIFIER \*\* Second option applies to color Black and all Ultra-Grain finish options. Delete option not required.

* + - * 1. Exterior: Minimum 27 gauge 0.016 inch (0.40 mm).
        2. Exterior: Minimum 24 gauge 0.022 inch (.055) mm).

\*\* NOTE TO SPECIFIER \*\* First option applies to models 9131, 9132, 9201, 9202 and 9205. Second option applies to models 4051, 4132, 4301, 4302 and 4305. Delete option for interior not required.

* + - * 1. Interior: Minimum 29 gauge 0.012 inch (0.30 mm). Intellicore Doors.
        2. Interior: Minimum 27 gauge 0.015 inch (0.38 mm). EPS Doors.
      1. End Stiles: Galvanized steel end stiles, engineered for easy hardware attachment through pre-punched holes. Minimum 20 gauge, 0.034 inch (0.86 mm) thick.
      2. Bottom Section: Reinforced with continuous 0.040 inch (1.016 mm) aluminum astragal retainer with U-shaped flexible PVC astragal.
      3. Thermal Resistance: Calculated in accordance with DASMA TDS-163.

\*\* NOTE TO SPECIFIER \*\* First option applies to models 4051, 4138 and 4132. Second option applies to models 4301, 4302, 4308, 4309 and 4305. Third option applies to models 9131, 9138, 9139 and 9132. Fourth option applies to models 9201, 9202, 9208, 9209 and 9205. Delete options not required.

* + - * 1. EPS 1-3/8 inch (35 mm) Thick. R-Value: 6.5 (deg F hr sq ft/Btu).
        2. EPS 2 inch (51 mm) Thick. R-Value: 9.0 (deg F hr sq ft/Btu).
        3. Intellicore 1-3/8 inch (35 mm) Thick. R-Value: 12.9 (deg F hr sq ft/Btu).
        4. Intellicore 2 inch (51 mm) Thick. R-Value: 18.4 (deg F hr sq ft/Btu).

\*\* NOTE TO SPECIFIER \*\* Delete options for windows not required.

* + - 1. Windows: None, doors come standard with no windows.

\*\* NOTE TO SPECIFIER \*\* Delete options for windows not required. Windows below available with Models 4051, 4301, 9131 and 9201. Delete if not required.

* + - 1. Optional Windows: Decorative Insert Short Panel Windows; injection molded ASA plastic windows measuring 19-1/2 x 12 inches (5495 x 305 mm).
         1. Glazing: 3/32 inch (2.5 mm) Clear SSB glass.
         2. Glazing: 1/8 inch (3 mm) Clear DSB glass.
         3. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
         4. Glazing: 1/2 inch (12 mm) Insulated DSB glass.
         5. Glazing: 1/2 inch (12 mm) Insulated Obscure DSB glass.
         6. Glazing: 1/8 inch (3 mm) Clear acrylic.
         7. Glazing: 1/8 inch (3 mm) Frosted glass.
         8. Glazing: 1/2 inch (12 mm) Insulated Frosted glass.
         9. Glazing: 1/8 inch (3 mm) Narrow Reed glass.
         10. Glazing: 1/2 inch (12 mm) Insulated Narrow Reed glass.

\*\* NOTE TO SPECIFIER \*\* Delete options for decorative snap-in plastic inserts not required.

* + - * 1. Decorative Snap-in Plastic Inserts: Sunset 501.
        2. Decorative Snap-in Plastic Inserts: Sunset 502.
        3. Decorative Snap-in Plastic Inserts: Sunset 503.
        4. Decorative Snap-in Plastic Inserts: Sunset 504.
        5. Decorative Snap-in Plastic Inserts: Sunset 505.
        6. Decorative Snap-in Plastic Inserts: Sunset 506.
        7. Decorative Snap-in Plastic Inserts: Charleston 508.
        8. Decorative Snap-in Plastic Inserts: Colonial 509.
        9. Decorative Snap-in Plastic Inserts: Prairie 510.

\*\* NOTE TO SPECIFIER \*\* Windows below available with Model 4301, 9201, and 9131. Delete if not required.

* + - 1. Windows: Decorative Insert Series Impact Resistant Windows; woodgrain textured, structurally enhanced window frames (to withstand a 350 ft-lb impact as per the Florida Building Code) measuring 19-1/2 x 12 inches (5495 x 305 mm).
         1. Glazing: Clear Polycarbonate.

\*\* NOTE TO SPECIFIER \*\* Delete options for decorative snap-in plastic inserts not required.

* + - * 1. Decorative Snap-in Plastic Inserts: Sunset 501.
        2. Decorative Snap-in Plastic Inserts: Sunset 502.
        3. Decorative Snap-in Plastic Inserts: Sunset 503.
        4. Decorative Snap-in Plastic Inserts: Sunset 504.
        5. Decorative Snap-in Plastic Inserts: Sunset 505.
        6. Decorative Snap-in Plastic Inserts: Sunset 506.
        7. Decorative Snap-in Plastic Inserts: Charleston 508.
        8. Decorative Snap-in Plastic Inserts: Colonial 509.
        9. Decorative Snap-in Plastic Inserts: Prairie 510.

\*\* NOTE TO SPECIFIER \*\* Windows below available with Models 4051, 4301, 9131 and 9201. Delete if not required.

* + - 1. Windows: Decorative Insert Long Panel Windows; injection molded ASA plastic windows measuring 40-1/2 x 12 inches (1029 x 305 mm).

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing not required.

* + - * 1. Glazing: 3/32 inch (2.5 mm) Clear SSB glass.
        2. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        3. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
        4. Glazing: 1/2 inch (12 mm) Insulated DSB glass.
        5. Glazing: 1/2 inch (12 mm) Insulated obscure DSB glass.
        6. Glazing: 1/8 inch (3 mm) Clear acrylic.
        7. Glazing: 1/8 inch (3 mm) Frosted glass.
        8. Glazing: 1/2 inch (12 mm) Insulated Frosted glass.
        9. Glazing: 1/8 inch (3 mm) Narrow Reed glass.
        10. Glazing: 1/2 inch (12 mm) Insulated Narrow Reed glass.

\*\* NOTE TO SPECIFIER \*\* Delete options for decorative snap-in plastic inserts not required.

* + - * 1. Decorative Snap-in Plastic Inserts: Sunset 601.
        2. Decorative Snap-in Plastic Inserts: Sunset 603.
        3. Decorative Snap-in Plastic Inserts: Sunset 605.
        4. Decorative Snap-in Plastic Inserts: Charleston 608.
        5. Decorative Snap-in Plastic Inserts: Prairie 610.
        6. Decorative Snap-in Plastic Inserts: Madison 611.
        7. Decorative Snap-in Plastic Inserts: Stockton 612.
        8. Decorative Snap-in Plastic Inserts: Madison Arch 613.
        9. NOTE TO SPECIFIER \*\* Windows below available with Models 4132, 4138, 4302, 4305, 4308, 4309, 9131, 9132, 9138, 9139, 9201, 9202, 9205, 9208, and 9209. Delete if not required.
      1. Windows: Architectural Series Short Windows; extruded cellular PVC windows measuring 19-1/2 x 16 inches (495 x 406 mm).

\*\* NOTE TO SPECIFIER \*\* Grilles only available with first four glazing options. Delete if not required.

* + - * 1. Grilles: Short with square grilles, SQ22.
        2. Grilles: Short with rectangular grilles, REC11.
        3. Grilles: Plain Short, no grilles.

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing not required.

* + - * 1. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        2. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
        3. Glazing: 1/2 inch (12 mm) Insulated DSB glass.
        4. Glazing: 1/2 inch (12 mm) Insulated Obscure DSB glass.
        5. Glazing: 1/8 inch (3 mm) Frosted glass.
        6. Glazing: 1/2 inch (12 mm) Insulated Frosted glass.
        7. Glazing: 1/8 inch (3 mm) Narrow Reed glass.
        8. Glazing: 1/2 inch (12 mm) Insulated Narrow Reed glass.
        9. Glazing: 1/8 inch (3 mm) Kristin Short, frosted DSB glass, leaded-look.
        10. Glazing: 1/8 inch (3 mm) Trenton Short, frosted DSB glass, leaded-look.
        11. Glazing: 1/8 inch (3 mm) Clayton Short, frosted DSB glass, leaded-look.
        12. Glazing: 1/2 inch (12 mm) Kristin Short, frosted insulated DSB glass, leaded-look.
        13. Glazing: 1/2 inch (12 mm) Trenton Short, frosted insulated DSB glass, leaded-look.
        14. Glazing: 1/2 inch (12 mm) Clayton Short, frosted insulated DSB glass, leaded-look.
        15. Glazing: Wrought Iron Short, acrylic.

\*\* NOTE TO SPECIFIER \*\* Windows below available with Models 4132, 4138, 4302, 4305, 4308, 4309, 9131, 9132, 9138, 9139, 9201, 9202, 9205, 9208, and 9209. Delete if not required

* + - 1. Windows: Architectural Series Long Windows; extruded cellular PVC windows measuring 42 x 16 inches (1067 x 406 mm).

\*\* NOTE TO SPECIFIER \*\* Grilles only available with first four glazing options. Delete if not required.

* + - * 1. Grilles: Long with square grilles, SQ24.
        2. Grilles: Long with rectangular grilles, REC14.
        3. Grilles: Plain Long, no grilles.

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing not required.

* + - * 1. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        2. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
        3. Glazing: 1/2 inch (12 mm) Insulated DSB glass.
        4. Glazing: 1/2 inch (12 mm) Insulated obscure DSB glass.
        5. Glazing: 1/8 inch (3 mm) Frosted glass.
        6. Glazing: 1/2 inch (12 mm) Insulated Frosted glass.
        7. Glazing: 1/8 inch (3 mm) Narrow Reed glass.
        8. Glazing: 1/2 inch (12 mm) Insulated Narrow Reed glass.
        9. Glazing: 1/8 inch (3 mm) Kristin Long, frosted DSB glass, leaded-look.
        10. Glazing: 1/8 inch (3 mm) Trenton Long, frosted DSB glass, leaded-look.
        11. Glazing: 1/8 inch (3 mm) Clayton Long, frosted DSB glass, leaded-look.
        12. Glazing: 1/2 inch (12 mm) Kristin Long, frosted insulated DSB glass, leaded-look.
        13. Glazing: 1/2 inch (12 mm) Trenton Long, frosted insulated DSB glass, leaded-look.
        14. Glazing: 1/2 inch (12 mm) Clayton Long, frosted insulated DSB glass, leaded-look.
        15. Glazing: Wrought Iron Long, acrylic.
      1. Windows: Decorative Insert Series Impact Resistant Windows, woodgrain textured, structurally enhanced window frames (to withstand a 350 ft-lb impact as per the Florida Building Code) measuring 19-1/2 x 16 inches (495 x 406 mm).

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing not required.

* + - * 1. Glazing: Clear polycarbonate.
        2. Glazing: Matte polycarbonate.
        3. Glazing: Bronze polycarbonate.
        4. Glazing: Pebbled polycarbonate.
        5. Grilles: Short with square grilles, SQ22.
        6. Grilles: Plain Short, no grilles.
      1. Windows: Decorative Insert Series Impact Resistant Windows, woodgrain textured, structurally enhanced window frames (to withstand a 350 ft-lb impact as per the Florida Building Code) measuring 42 x 16 inches (1067 x 406 mm).

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing not required.

* + - * 1. Glazing: Clear polycarbonate.
        2. Glazing: Matte polycarbonate.
        3. Glazing: Bronze polycarbonate.
        4. Glazing: Pebbled polycarbonate.
        5. Grilles: Long with square grilles, SQ24.
        6. Grilles: Plain Long, no grilles.

\*\* NOTE TO SPECIFIER \*\* Windows below available with Models 4132, 4138, 4302, 4305, 4308, 4309, 9131, 9132, 9138, 9139, 9201, 9202, 9205, 9208, and 9209. Delete if not required.

* + - 1. Windows: Architectural Series ARCH1 Windows; extruded cellular PVC windows measuring 42 x 16 inches (1067 x 406 mm) with a 159-1/2 inches (4051 mm) radius top.

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing not required.

* + - * 1. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        2. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
        3. Glazing: 1/2 inch (12 mm) Insulated DSB glass.
        4. Glazing: 1/2 inch (12 mm) Insulated Obscure DSB glass.
        5. Glazing: 1/8 inch (3 mm) Frosted glass.
        6. Glazing: 1/2 inch (12 mm) Insulated Frosted glass.
        7. Glazing: 1/8 inch (3 mm) Narrow Reed glass.
        8. Glazing: 1/2 inch (12 mm) Insulated Narrow Reed glass.

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

* + - * 1. Grilles: Snap-in plastic grilles, Grille on ARCH1.
        2. Grilles: Vertical grilles, Vertical Grille on ARCH1.
        3. Grilles: Plain, no grilles, ARCH1.

\*\* NOTE TO SPECIFIER \*\* Windows below available with Models 4132, 4138, 4302, 4305, 4308, 4309, 9131, 9132, 9138, 9139, 9201, 9202, 9205, 9208, and 9209. Delete if not required.

* + - 1. Windows: Architectural Series ARCH2 Windows; extruded cellular PVC windows measuring 42 x 16 inches (1067 x 406 mm) with a 39-3/4 inches (1001 mm) radius top.

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

* + - * 1. Grilles: Snap-in plastic grilles, Grille on ARCH2.
        2. Grilles: Vertical grilles, Vertical Grille on ARCH2.
        3. Grilles: Plain, no grilles, ARCH2.

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing not required.

* + - * 1. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        2. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
        3. Glazing: 1/2 inch (12 mm) Insulated DSB glass.
        4. Glazing: 1/2 inch (12 mm) Insulated Obscure DSB glass.
        5. Glazing: 1/8 inch (3 mm) Frosted glass.
        6. Glazing: 1/2 inch (12 mm) Insulated Frosted glass.
        7. Glazing: 1/8 inch (3 mm) Narrow Reed glass.
        8. Glazing: 1/2 inch (12 mm) Insulated Narrow Reed glass.
        9. Glazing: Wrought Iron ARCH, acrylic.
      1. Windows: Slim Windows, stick build aluminum extrusion windows measuring 37 X 8 inches (940 X 203 mm).
         1. Grilles: Plain, no grilles, silver frames.
         2. Grilles: Plain, no grilles, black frames.
         3. Glazing: 5/8 inch (16 mm) insulated tempered glass.
         4. Glazing: 5/8 inch (16 mm) insulated frosted glass.

\*\* NOTE TO SPECIFIER \*\* First option below applies only to Models 4302, 4301, 4308, 4305, 4309, 4051, 4132, and 4138. Second option below applies only to Models 9131, 9132, 9201, 9202, 9208, 9209, 9138, and 9139. Delete interior finish not required.

* + - 1. Interior Finish: EPS Door. Stucco embossed texture with flush design, white interior color.
      2. Interior Finish: Intellicore Door. Stucco embossed texture with shallow U ribbed pattern.

\*\* NOTE TO SPECIFIER \*\* First option below applies only to Models 9202, 9201, 9132, 9131, 4302, 4301, 4132, 4051, T42F, T41F, T51F, and T40F. Second option below applies only to Models 9208, 9205, 9209, 9138, 9139, 4308, 4305, 4309, and 4138. Delete exterior finish not required.

* + - 1. Exterior Finish: Woodgrain embossed texture.
      2. Exterior Finish: Stucco embossed texture.

\*\* NOTE TO SPECIFIER \*\* Hunter Green and Gray not available with Models 9202, 9208, 9205, 9209, 9132, 9138, 9139, 4302, 4308, 4305, 4309, 4132, and 4138. Glacier White and Mocha Brown not available on models 4051. Black not available on 4051. Models T42F, T41F, T51F, and T40F only available in White, Almond, Desert Tan, Sandtone, and Chocolate. Delete colors not required. Colors apply to both exterior finish options above.

* + - * 1. Color: Standard White.
        2. Color: Almond.
        3. Color: Desert Tan.
        4. Color: Sandtone.
        5. Color: Chocolate.
        6. Color: Bronze.
        7. Color: Hunter Green.
        8. Color: Gray.
        9. Color: Glacier White.
        10. Color: Mocha Brown
        11. Color: Black.
        12. Color: Charcoal.
        13. Color: Clopay Color Blast \_\_\_\_.

\*\* NOTE TO SPECIFIER \*\* Options only available on Models 9202, 9208, 9205, 9209, 4302, 4308, 4305, 4309. Delete if not required.

* + - 1. Exterior Finish: Ultra-Grain Exterior Finish Woodgrain embossed texture to simulate the look of stained wood.
      2. Exterior Finish: Ultra-Grain Exterior Finish Woodgrain embossed texture in one of the following color options to simulate the look of stained wood.

\*\* NOTE TO SPECIFIER \*\* Options only available on Models 9202, 9208, 9205, 9209, 4302, 4308, 4305, 4309. Delete color not required. Colors apply to both exterior finishes above.

* + - * 1. Color : Ultra-Grain Cypress Medium Finish.
        2. Color : Ultra-Grain Cypress Cherry Finish.
        3. Color : Ultra-Grain Cypress Walnut Finish.
        4. Color : Ultra-Grain Cypress Slate Finish.

\*\* NOTE TO SPECIFIER \*\* Delete locking types not required.

* + - 1. Locking: Keyed spring-loaded lock bar. Standard.
      2. Locking: Keyed spring-loaded snap latches.
      3. Locking: Non-keyed interior slide bolt.
      4. Weatherstripping: U shaped bottom seal.

\*\* NOTE TO SPECIFIER \*\* Perimeter seals are optional, choose from manufacturers standard options. Delete if not required.

* + - 1. Perimeter Seals: \_\_\_\_\_.
      2. Tracks: Vertical Tracks: 0.040 inch (1.02 mm) galvanized steel tapered and mounted for wedge type closing. Horizontal Tracks: 0.051 inch (1.29 mm) galvanized steel, reinforced with 0.0897 inch (2.28 mm) galvanized steel angles as required.

\*\* NOTE TO SPECIFIER \*\* Delete track type not required.

* + - * 1. Track Type: Lift tracks. Standard.
        2. Track Type: Low headroom track.
        3. Track Type: High lift track.
        4. Track Type: Follow-the-roof track.
        5. Track Width: 2 inches (50 mm).

\*\* NOTE TO SPECIFIER \*\* 20 inch and 32 inch radius only available on doors up to 12 ft high. Delete track radius not required.

* + - * 1. Track Radius: 10 inch (254 mm).
        2. Track Radius: 12 inch (305 mm).
        3. Track Radius: 15 inch (381 mm).
        4. Track Radius: 20 inch (508 mm).
        5. Track Radius: 32 inch (813 mm).
  1. RESIDENTIAL STEEL SECTIONAL DOORS - BRIDGEPOPRT PREMIUM (3 LAYER)
     1. Residential Steel Sectional Doors: Gallery Collection Doors as manufactured by Clopay Corporation.

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

* + - 1. Model: BD2EU, Thermally-Broken, Intellicore Polyurethane Insulated.
      2. Model: BD2NU, Thermally-Broken, Intellicore Polyurethane Insulated.
      3. Model: BD1EU, Thermally-Broken, Intellicore Polyurethane Insulated.
      4. Model: BD1NU, Thermally-Broken, Intellicore Polyurethane Insulated.
      5. Door Construction:

\*\* NOTE TO SPECIFIER \*\* First option applies to Models BD1EU and BD1NU. Second option applies to Model BD2EU and BD2NU. Delete if not required.

* + - * 1. Sections (EPS): Pressure bonded expanded polystyrene (EPS) core construction between exterior and interior steel skins.
        2. Sections (Intellicore): Foamed in place Intellicore Polyurethane core construction between exterior and interior steel skins.

\*\* NOTE TO SPECIFIER \*\* First option applies to Model BD1EU and BD1NU. Second option applies to Model BD2EU and BD2NU. Delete if not required.

* + - * 1. Exterior Steel Skins: Formed from Short Grooved Panel embossed commercial or drawing quality steel sheet, hot-dip galvanized per ASTM A 924/A 924M and ASTM A 653/A 653M, pre-painted with primer and baked-on polyester topcoat.
        2. Exterior Steel Skins: Formed from Long Grooved Panel embossed commercial or drawing quality steel sheet, hot-dip galvanized per ASTM A 924/A 924M and ASTM A 653/A 653M, pre-painted with primer and baked-on polyester topcoat.
        3. Interior Steel Skins: Formed from roll formed commercial or drawing quality steel sheet, hot-dip galvanized per ASTM A 924/A 924M and ASTM A 653/A 653M, pre-painted with primer and baked-on polyester topcoat.
        4. Section Joints: Sections formed to create tongue-in-groove meeting joint with thermal break.
        5. Door Stiles: Galvanized steel end stiles and center stiles, pre-punched for easy hinge attachment. (for 1 layer doors only).
        6. Reinforcing: Galvanized and primed steel reinforcement located under each hinge location, pre-punched for hinge attachment.

\*\* NOTE TO SPECIFIER \*\* First option applies to Models BD1EU and BD1NU Second option applies to Model BD2EU and BD2NU. Delete if not required.

* + - 1. Maximum Door Size: 18 ft (5.5 m) wide by 16 ft (4.9 m) high.
      2. Maximum Door Size: 20 ft 2 inch ft (6.1 m) wide by 16 ft (4.9 m) high.

\*\* NOTE TO SPECIFIER \*\* First option applies to Models BD1EU and BD1NU. Second option applies to Model BD2EU and BD2NU. Delete if not required.

* + - 1. Overall Panel Thickness: 1.375 inches (35 mm).
      2. Overall Panel Thickness: 2 inches (35 mm).

\*\* NOTE TO SPECIFIER \*\* First option applies to Models BD2EU, BD2NU, BD1EU and BD1NU. Second option applies to Model BD2EU, BD2NU, BD1EU and BD1NU if not required. Third option applies to Models BD2EU, BD2NU, BD1EU and BD1NU in Black and all Ultra-Grain Finishes. Fourth option applies to Model BD2EU, BD2NU, BD1EU and BD1NU. Delete if not required in Black and all Ultra-Grain Finishes.

* + - 1. Steel Skin Thickness: Minimum 27 gauge 0.016 inch (0.40 mm) exterior; minimum 28 gauge 0.015 inch (0.38 mm) interior.
      2. Steel Skin Thickness: Minimum 27 gauge 0.016 inch (0.40 mm) exterior; minimum 29 gauge 0.012 inch (0.30 mm) interior.
      3. Steel Skin Thickness: Minimum 25 gauge 0.019 inch (0.50 mm) exterior; minimum 28 gauge 0.015 inch (0.38 mm) interior.
      4. Steel Skin Thickness: Minimum 25 gauge 0.019 inch (0.50 mm) exterior; minimum 29 gauge 0.012 inch (0.30 mm) interior.
      5. End Stiles: Galvanized steel end stiles, engineered for easy hardware attachment through pre-punched holes. Minimum 20 gauge, 0.034 inch (0.86 mm) thick.
      6. Bottom Section: Reinforced with continuous 0.040 inch (1.016 mm) aluminum astragal retainer with U-shaped flexible PVC astragal.
      7. Thermal Resistance: Calculated in accordance with DASMA TDS-163.

\*\* NOTE TO SPECIFIER \*\* First option applies to Models BD1EU and BD1NU Second option applies to models BD2EU and BD2NU. Delete options not required.

* + - * 1. R-Value: 12.9 deg F hr sq ft/Btu.
        2. R-Value: 18.4 deg F hr sq ft/Btu.

\*\* NOTE TO SPECIFIER \*\* Delete options for windows not required.

* + - 1. Windows: None, doors come standard with no windows.
      2. Windows: Architectural Series Short Windows; extruded cellular PVC windows measuring 19-1/2 x 16 inches (495 x 406 mm).

\*\* NOTE TO SPECIFIER \*\* Grilles available only with first four glazing options. Delete if not required.

* + - * 1. Grilles: Short with square grilles, SQ22.
        2. Grilles: Short with rectangular grilles, REC12.
        3. Grilles: Plain Short, no grilles.

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing not required.

* + - * 1. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        2. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
        3. Glazing: 3/4 inch (19 mm) Insulated DSB glass.
        4. Glazing: 3/4 inch (19 mm) Insulated Obscure DSB glass.
        5. Glazing: 1/8 inch (3 mm) Frosted glass.
        6. Glazing: 3/4 inch (19 mm) Insulated Frosted glass.
        7. Glazing: 1/8 inch (3 mm) Rain glass.
        8. Glazing: 3/4 inch (19 mm) Insulated Rain glass.
        9. Glazing: 1/8 inch (3 mm) Seeded glass.
        10. Glazing: 3/4 inch (19 mm) Insulated Seeded glass.
        11. Glazing: 1/8 inch (3 mm) Kristin Short, frosted DSB glass, leaded-look.
        12. Glazing: 1/8 inch (3 mm) Trenton Short, frosted DSB glass, leaded-look.
        13. Glazing: 1/8 inch (3 mm) Clayton Short, frosted DSB glass, leaded-look.
        14. Glazing: 3/4 inch (19 mm) Kristin Short, frosted insulated DSB glass, leaded-look.
        15. Glazing: 3/4 inch (19 mm) Trenton Short, frosted insulated DSB glass, leaded-look.
        16. Glazing: 3/4 inch (19 mm) Clayton Short, frosted insulated DSB glass, leaded-look.
        17. Glazing: Wrought Iron Short, acrylic.
      1. Windows: Architectural Series Long Windows, extruded cellular PVC windows measuring 42 x 16 inches (1057 x 406 mm).

\*\* NOTE TO SPECIFIER \*\* Grilles available only with first four glazing options. Delete if not required.

* + - * 1. Grilles: Long with square grilles, SQ24.
        2. Grilles: Long with rectangular grilles, REC14.
        3. Grilles: Plain Long, no grilles.

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing not required.

* + - * 1. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        2. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
        3. Glazing: 3/4 inch (19 mm) Insulated DSB glass.
        4. Glazing: 3/4 inch (19 mm) Insulated Obscure DSB glass.
        5. Glazing: 1/8 inch (3 mm) Frosted glass.
        6. Glazing: 3/4 inch (19 mm) Insulated Frosted glass.
        7. Glazing: 1/8 inch (3 mm) Rain glass.
        8. Glazing: 3/4 inch (19 mm) Insulated Rain glass.
        9. Glazing: 1/8 inch (3 mm) Seeded glass.
        10. Glazing: 3/4 inch (19 mm) Insulated Seeded glass.
        11. Glazing: 1/8 inch (3 mm) Kristin Long, frosted DSB glass, leaded-look.
        12. Glazing: 1/8 inch (3 mm) Trenton Long frosted DSB glass, leaded-look.
        13. Glazing: 1/8 inch (3 mm) Clayton Long, frosted DSB glass, leaded-look.
        14. Glazing: 3/4 inch (19 mm) Kristin Long, frosted insulated DSB glass, leaded-look.
        15. Glazing: 3/4 inch (19 mm) Trenton Long, frosted insulated DSB glass, leaded-look.
        16. Glazing: 3/4 inch (19 mm) Clayton Long, frosted insulated DSB glass, leaded-look.
        17. Glazing: Wrought Iron Long, acrylic.
      1. Windows: Decorative Insert Series Impact Resistant Windows, woodgrain textured, structurally enhanced window frames (to withstand a 350 ft-lb impact as per the Florida Building Code) measuring 19-1/2 x 16 inches (495 x 406 mm).

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing and grilles not required.

* + - * 1. Glazing: Clear polycarbonate.
        2. Glazing: Matte polycarbonate.
        3. Glazing: Bronze polycarbonate.
        4. Glazing: Pebbled polycarbonate.
        5. Grilles: Short with square grilles, SQ22.
        6. Grilles: Plain Short, no grilles.
      1. Windows: Decorative Insert Series Impact Resistant Windows, woodgrain textured, structurally enhanced window frames (to withstand a 350 ft-lb impact as per the Florida Building Code) measuring 42 inches x 16 inches (1067 mm x 406 mm).

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing and grilles not required.

* + - * 1. Glazing: Clear polycarbonate.
        2. Glazing: Matte polycarbonate.
        3. Glazing: Bronze polycarbonate.
        4. Glazing: Pebbled polycarbonate.
        5. Grilles: Long with square grilles, SQ24.
        6. Grilles: Plain Long, no grilles.
      1. Windows: Architectural Series ARCH1 Windows; extruded cellular PVC windows measuring 42 x 16 inches (1067 x 406 mm) with a 159-1/2 inch (4051 mm) radius top.

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

* + - * 1. Grilles: Snap-in plastic square grilles, Grille on ARCH1.
        2. Grilles: Vertical grilles, Vertical Grille on ARCH1.
        3. Grilles: Plain, no grilles, ARCH1.

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing not required.

* + - * 1. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        2. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
        3. Glazing: 3/4 inch (19 mm) Insulated DSB glass
        4. Glazing: 3/4 inch (19 mm) Insulated obscure DSB glass.
        5. Glazing: 1/8 inch (3 mm) Frosted glass.
        6. Glazing: 3/4 inch (19 mm) Insulated Frosted glass.
        7. Glazing: 1/8 inch (3 mm) Rain glass.
        8. Glazing: 3/4 inch (19 mm) Insulated Rain glass.
        9. Glazing: 1/8 inch (3 mm) Seeded glass.
        10. Glazing: 3/4 inch (19 mm) Insulated Seeded glass.
      1. Windows: Architectural Series ARCH2 Windows; extruded cellular PVC windows measuring 42 x 16 inches (1067 mm x 406 mm) with a 39-3/4 inches (1010 mm) radius top.

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

* + - * 1. Grilles: Snap-in plastic square grilles, Grille on ARCH2.
        2. Grilles: Vertical grilles, Vertical Grille on ARCH2.
        3. Grilles: Plain, no grilles, ARCH 2.

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing not required.

* + - * 1. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        2. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
        3. Glazing: 3/4 inch (19 mm) Insulated DSB glass.
        4. Glazing: 3/4 inch (19 mm) Insulated obscure DSB glass.
        5. Glazing: 1/8 inch (3 mm) Frosted glass.
        6. Glazing: 3/4 inch (19 mm) Insulated Frosted glass.
        7. Glazing: 1/8 inch (3 mm) Rain glass.
        8. Glazing: 3/4 inch (19 mm) Insulated Rain glass.
        9. Glazing: 1/8 inch (3 mm) Seeded glass.
        10. Glazing: 3/4 inch (19 mm) Insulated Seeded glass.
        11. Glazing: Wrought Iron ARCH, Acrylic.
      1. Windows: Architectural Series ARCH3 Window Design; created by mixing Architectural Series Long windows measuring 42 inches x 16 inches with ARCH1 windows measuring 42 inches x 16 inches (1067 mm x 406 mm) with a 159-1/2 inch (4051 mm) radius top.

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

* + - * 1. Grilles: Snap-in plastic square grilles, Grille on ARCH3.
        2. Grilles: Vertical grilles, Vertical Grille on ARCH3.
        3. Grilles: Plain, no grilles, ARCH3.

\*\* NOTE TO SPECIFIER \*\* Delete options for glazing not required.

* + - * 1. Glazing: 1/8 inch (3 mm) Clear DSB glass.
        2. Glazing: 1/8 inch (3 mm) Obscure DSB glass.
        3. Glazing: 3/4 inch (19 mm) Insulated DSB glass.
        4. Glazing: 3/4 inch (19 mm) Insulated Obscure DSB glass.
        5. Glazing: 1/8 inch (3 mm) Frosted glass.
        6. Glazing: 3/4 inch (19 mm) Insulated Frosted glass.
        7. Glazing: 1/8 inch (3 mm) Rain glass.
        8. Glazing: 3/4 inch (19 mm) Insulated Rain glass.
        9. Glazing: 1/8 inch (3 mm) Seeded glass.
        10. Glazing: 3/4 inch (19 mm) Insulated Seeded glass.

\*\* NOTE TO SPECIFIER \*\* First option applies to Models BD2EU and BD1EU. Second option applies to Model BD2NU and BD1NU. Delete if not required.

* + - 1. Interior Finish: Stucco embossed texture with flush design, white interior color.
      2. Interior Finish: Stucco embossed texture with shallow U-ribbed pattern, white interior color.

\*\* NOTE TO SPECIFIER \*\* First option applies to Model BD2EU and BD1EU. Second option applies to Model BD2NU and BD1NU Delete if not required.

* + - 1. Exterior Finish: Woodgrain embossed texture, Short Grooved Panel embossments.
      2. Exterior Finish: Woodgrain embossed texture, Long Grooved Panel embossments.

\*\* NOTE TO SPECIFIER \*\* Delete colors not required. Colors apply to both exterior finish options above.

* + - * 1. Color: Standard White.
        2. Color: Glacier White.
        3. Color: Almond.
        4. Color: Desert Tan.
        5. Color: Sandtone.
        6. Color: Bronze.
        7. Color: Chocolate.
        8. Color: Mocha Brown.
        9. Color: Black.
        10. Color: Charcoal.
        11. Color: Clopay Color Blast \_\_\_\_\_.

\*\* NOTE TO SPECIFIER \*\* First option applies to Model BD2NU and BD1NU. Second option applies to Model BD2EU and BD1EU. Delete if not required.

* + - 1. Exterior Finish: Ultra-Grain Exterior Finish; stucco embossed texture with Short Grooved Panel embossments.
      2. Exterior Finish: Ultra-Grain Exterior Finish; stucco embossed texture with Long Grooved Panel embossments.

\*\* NOTE TO SPECIFIER \*\* Delete color not required. Colors apply to both exterior finish options above.

* + - * 1. Color: Ultra-Grain Oak Medium Finish.
        2. Color: Ultra-Grain Oak Dark Finish.
        3. Color: Ultra-Grain Oak Walnut Finish.
        4. Color: Ultra-Grain Oak Slate Finish.

\*\* NOTE TO SPECIFIER \*\* Delete locking types not required.

* + - 1. Locking: Keyed spring-loaded lock bar. Standard.
      2. Locking: Keyed spring-loaded snap latches.
      3. Locking: Non-keyed interior slide bolt.
      4. Weatherstripping: Standard, Provide U-shaped bottom seal.

\*\* NOTE TO SPECIFIER \*\* Perimeter seals are optional, choose from manufacturers standard options. Delete if not required.

* + - 1. Perimeter Seals: \_\_\_\_\_.
      2. Tracks: Vertical Tracks: 0.040 inch (1.02 mm) galvanized steel tapered and mounted for wedge type closing. Horizontal Tracks: 0.051 inch (1.29 mm) galvanized steel, reinforced with 0.0897 inch (2.28 mm) galvanized steel angles as required.

\*\* NOTE TO SPECIFIER \*\* Delete track type not required.

* + - * 1. Track Type: Lift tracks. Standard.
        2. Track Type: Low headroom track.
        3. Track Type: High lift track.
        4. Track Type: Follow-the-roof track.
        5. Track Width: 2 inches (50 mm).

\*\* NOTE TO SPECIFIER \*\* 20 inch and 32 inch radius only available on doors up to 12 ft high. Delete track radius not required.

* + - * 1. Track Radius: 10 inch (254 mm).
        2. Track Radius: 12 inch (305 mm).
        3. Track Radius: 15 inch (381 mm).
        4. Track Radius: 20 inch (508 mm).
        5. Track Radius: 32 inch (813 mm).
  1. RESIDENTIAL SECTIONAL DOORS - CANYON RIDGE - LOUVER
     1. Residential Sectional Doors: Canyon Ridge Collection as manufactured by Clopay Corporation.

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

* + - 1. Model: Clopay Model CAN24X.
      2. Model: Clopay Model CAN25X.
      3. Design: LVM - Mahogany Louvers and Mahogany Overlays.
      4. Design: LVC - Mahogany Louvers and Clear Cypress Overlays.
      5. Door Construction:
         1. Sections: Composite cladding and overlays adhered to base door constructed of foamed in place Intellicore polyurethane core construction between exterior and interior steel skins.
         2. Exterior Steel Skins: Formed from flush commercial or drawing quality steel sheet, hot-dip galvanized per ASTM A 924/A 924M and ASTM A 653/A 653M, pre-painted with primer and baked-on polyester topcoat.
         3. Interior Steel Skins: Formed from roll formed commercial or drawing quality steel sheet, hot-dip galvanized per ASTM A 924/A 924M and ASTM A 653/A 653M, pre-painted with primer and baked-on polyester topcoat.
         4. Section Joints: Sections formed to create weather tight tongue-in-groove meeting joint with thermal break.
         5. Reinforcing: Galvanized and primed steel reinforcement located under each hinge location, pre-punched for hinge attachment.
         6. Door Stiles: Galvanized steel end stiles and center stiles, pre-punched for easy hinge attachment.
         7. Handles: Black powder coated, hot-dipped galvanized step plate and lift handle (2 sets on doors over 10 ft wide) to comply with DASMA 116.
      6. Maximum Door Size: 20 ft (6.1 m) wide by 10 ft (3.05 m) high.
      7. Base Door Thickness: 2 inches (51 mm).

\*\* NOTE TO SPECIFIER \*\* First option applies to Limited Edition. Second option applies to Ultra-Grain. Delete overall panel thickness not required.

* + - 1. Overall Panel Thickness: 3 inches (76.2 mm).
      2. Steel Skin Thickness: Minimum 27 gauge 0.016 inch (0.40 mm) exterior; minimum 29 gauge 0.012 inch (0.30 mm) interior.
      3. Steel Skin Thickness: Minimum 25 gauge 0.019 inch (0.50 mm) exterior; minimum 29 gauge 0.012 inch (0.30 mm) interior.
      4. End Stiles: Galvanized steel end stiles, engineered for easy hardware attachment through pre-punched holes. Minimum 20 gauge, 0.034 inch (0.86 mm) thick.
      5. Bottom Section: Reinforced with continuous 0.040 inch (1.016 mm) aluminum astragal retainer with U-shaped flexible PVC astragal.
      6. Thermal Resistance: Calculated in accordance with DASMA TDS-16.

\*\* NOTE TO SPECIFIER \*\* First option applies to Limited Edition. Second option applies to Ultra-Grain. Delete option not required.

* + - * 1. R-Value: 20.4 deg F hr sq ft/Btu.
        2. R-Value: 18.4 deg F hr sq ft/Btu.

\*\* NOTE TO SPECIFIER \*\* Delete options for windows not required.

* + - 1. Windows: None, doors come standard with no windows.
      2. Windows: TOP11 (Solid).
      3. Windows: REC11 Windows. (Available only on Model CAN252).
      4. Windows: REC13 Windows. (Available only on Model CAN252).
      5. Windows: REC14 Windows. (Available only on Model CAN252).
      6. Windows: SQ23 Windows. (Available only on Model CAN252).
      7. Windows: SQ24 Windows. (Available only on Model CAN252).
      8. Glazing: 3/4 inch (19 mm) Insulated Clear DSB glass.
      9. Glazing: 3/4 inch (19 mm) Insulated Obscure DSB glass.
      10. Glazing: 3/4 inch (19 mm) Insulated Seeded DSB glass.
      11. Glazing: 3/4 inch (19 mm) Insulated Frosted glass.
      12. Glazing: 3/4 inch (19 mm) Insulated Rain glass.
      13. Glazing: 3/4 inch (19 mm) Impact Resistant 1/4 inch (6 mm) polycarbonate clear.

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

* + - 1. Window Height: 11 inches (279.4 mm) on 21 inches (533.4 mm) high sections.
      2. Window Height: 14 inches (355.6 mm) on 24 inches (609.6 mm) high sections.
      3. Window Width: As scheduled and indicated on Drawings in accordance with manufacturer's guidelines.
      4. Interior Finish: Stucco embossed texture with shallow U ribbed pattern, white interior.

\*\* NOTE TO SPECIFIER \*\* The following option applies only to Limited Edition. Delete if not required.

* + - 1. Exterior Finish: Louver.

\*\* NOTE TO SPECIFIER \*\* Whitewash finish available only on Mahogany cladding. Factory primed finish must be painted or stained in field. Delete option for color not required.

* + - * 1. Color: Medium Finish.
        2. Color: Dark Finish.
        3. Color: Walnut Finish.
        4. Color: Whitewash Finish.
        5. Color: Primed.
        6. Color: Black.
        7. Color: Slate.
        8. Texture: Mahogany woodgrain.

\*\* NOTE TO SPECIFIER \*\* The following option applies only to Limited Edition. Delete if not required.

* + - 1. Exterior Finish: Composite overlays.

\*\* NOTE TO SPECIFIER \*\* Whitewash finish available only on Mahogany overlays. Factory primed finish must be painted or stained in field. Delete option for color not required.

* + - * 1. Color: Medium Finish.
        2. Color: Dark Finish.
        3. Color: Walnut Finish.
        4. Color: Whitewash Finish. (Mahogany only).
        5. Color: Primed.
        6. Color: Black (Mahogany only).
        7. Color: Slate.

\*\* NOTE TO SPECIFIER \*\* Delete option for texture not required.

* + - * 1. Texture: Clear Cypress woodgrain.
        2. Texture: Mahogany woodgrain.

\*\* NOTE TO SPECIFIER \*\* The following option applies only to Ultra-Grain. Delete if not required.

* + - 1. Exterior Finish: Ultra-Grain Base Door Woodgrain embossed texture with flush design in one of the following color options to simulate the look of stained wood:

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

* + - * 1. Color: Ultra-Grain Cypress Medium Finish. (Model CAN24X only).
        2. Color: Ultra-Grain Cypress Walnut Finish. (Model CAN24X only).
        3. Color: Ultra-Grain Cypress Slate Finish (Model CAN24X only).
        4. Color: Medium Finish (Model CAN25X only).
        5. Color: Walnut Finish (Model CAN25X only).
        6. Color: Slate Finish (Model CAN25X only).
        7. Color: Dark Finish (Model CAN25X only).
        8. Color: Black.
        9. Color: White.
        10. Color: Primed.

\*\* NOTE TO SPECIFIER \*\* Delete locking type not required.

* + - 1. Locking: Non-keyed interior slide bolt. Standard.
      2. Locking: Decorative keyed snap latch lock.
      3. Weatherstripping: Standard, Provide U -shaped bottom seal.

\*\* NOTE TO SPECIFIER \*\* Perimeter seals are optional, choose from manufacturers standard options. Delete if not required.

* + - 1. Perimeter Seals: \_\_\_\_\_.
      2. Tracks: Vertical Tracks: 0.040 inch (1.02 mm) galvanized steel tapered and mounted for wedge type closing. Horizontal Tracks: 0.051 inch (1.29 mm) galvanized steel, reinforced with 0.0897 inch (2.28 mm) galvanized steel angles as required.

\*\* NOTE TO SPECIFIER \*\* Delete track type not required.

* + - * 1. Track Type: Lift tracks. Standard.
        2. Track Type: Low headroom track.
        3. Track Type: High lift track.
        4. Track Type: Follow-the-roof track.
        5. Track Width: 2 inches (50 mm).

\*\* NOTE TO SPECIFIER \*\* 20 inch and 32 inch radius only available on doors up to 12 ft high. Delete track radius not required.

* + - * 1. Track Radius: 10 inch (254 mm).
        2. Track Radius: 12 inch (305 mm).
        3. Track Radius: 15 inch (381 mm).
        4. Track Radius: 20 inch (508 mm).
        5. Track Radius: 32 inch (813 mm).
  1. RESIDENTIAL SECTIONAL DOORS - CANYON RIDGE - MODERN
     1. Residential Sectional Doors: Canyon Ridge Collection as manufactured by Clopay Corporation.

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

* + - 1. Model: Clopay Model CRM2.
      2. Design: C3 - Clear Cypress 3 inch Plank.
      3. Design: M3 - Mahogany 3 inch Plank.
      4. Design: C6 - Clear Cypress 6 inch Plank.
      5. Design M6 - Mahogany 6 inch Plank.
      6. Design CAI - Clear Cypress Aluminum Inserted.
      7. Design MAI - Mahogany Aluminum Inserted.
      8. Design MOV - Mahogany Overlays (Full Vision).
      9. Design COV - Clear Cypress Overlays (Full Vision).
      10. Door Construction:
          1. Sections: Composite overlays adhered to base door constructed of foamed in place Intellicore polyurethane core construction between exterior and interior steel skins.
          2. Exterior Steel Skins: Formed from flush commercial or drawing quality steel sheet, hot-dip galvanized per ASTM A 924/A 924M and ASTM A 653/A 653M, pre-painted with primer and baked-on polyester topcoat.
          3. Interior Steel Skins: Formed from roll formed commercial or drawing quality steel sheet, hot-dip galvanized per ASTM A 924/A 924M and ASTM A 653/A 653M, pre-painted with primer and baked-on polyester topcoat.
          4. Section Joints: Sections formed to create weather tight tongue-in-groove meeting joint with thermal break.
          5. Reinforcing: Galvanized and primed steel reinforcement located under each hinge location, pre-punched for hinge attachment.
          6. Door Stiles: Galvanized steel end stiles and center stiles, pre-punched for easy hinge attachment.
          7. Handles: Black powder coated, hot-dipped galvanized step plate and lift handle (2 sets on doors over 10 ft wide) to comply with DASMA 116.
      11. Maximum Door Size: 20 ft 2 inch ft (6.1 m) wide by 10 ft (3.05 m) high.
      12. Maximum Door Size: 20 ft 2 inch ft (6.1 m) wide by 10 ft (3.05 m) high.
      13. Base Door Thickness: 2 inches (51 mm).
      14. Overall Panel Thickness: 2.5 inches (63.5 mm).
      15. Steel Skin Thickness: Minimum 25 gauge 0.019 inch (0.48 mm) exterior; minimum 29 gauge 0.012 inch (0.30 mm) interior.
      16. Steel Skin Thickness: Minimum 25 gauge 0.019 inch (0.48 mm) exterior; minimum 29 gauge 0.012 inch (0.30 mm) interior.
      17. End Stiles: Galvanized steel end stiles, engineered for easy hardware attachment through pre-punched holes. Minimum 20 gauge, 0.034 inch (0.86 mm) thick.
      18. Bottom Section: Reinforced with continuous 0.040 inch (1.016 mm) aluminum astragal retainer with U-shaped flexible PVC astragal.
      19. Thermal Resistance: Calculated in accordance with DASMA TDS-16.

\*\* NOTE TO SPECIFIER \*\* First option applies to Limited Edition. Second option applies to Ultra-Grain. Delete option not required.

* + - * 1. R-Value: 20.4 deg F hr sq ft/Btu.
        2. R-Value: 18.4 deg F hr sq ft/Btu.

\*\* NOTE TO SPECIFIER \*\* Delete options for windows not required.

* + - 1. Windows: None, doors come standard with no windows.
      2. Glazing: 3/4 inch (19 mm) Insulated Clear DSB glass.
      3. Glazing: 3/4 inch (19 mm) Insulated Obscure DSB glass.
      4. Glazing: 3/4 inch (19 mm) Insulated Seeded DSB glass.
      5. Glazing: 3/4 inch (19 mm) Insulated Frosted glass.
      6. Glazing: 3/4 inch (19 mm) Insulated Rain glass.
      7. Glazing: 3/4 inch (19 mm) Impact resistant 1/4 inch polycarbonate clear.

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

* + - 1. Window Height: 11 inches (279.4 mm) on 21 inches (533.4 mm) high sections.
      2. Window Height: 14 inches (355.6 mm) on 24 inches (609.6 mm) high sections.
      3. Window Width: As scheduled and indicated on Drawings in accordance with manufacturer's guidelines.
      4. Interior Finish: Stucco embossed texture with shallow U ribbed pattern, white interior.

\*\* NOTE TO SPECIFIER \*\* The following option applies only to Limited Edition. Delete if not required.

* + - 1. Exterior Finish: Composite overlays.

\*\* NOTE TO SPECIFIER \*\* Whitewash finish available only on Mahogany overlays. Factory primed finish must be painted or stained in field. Delete option for color not required.

* + - * 1. Color: Medium Finish.
        2. Color: Dark Finish.
        3. Color: Walnut Finish.
        4. Color: Whitewash Finish. (Mahogany only).
        5. Color: Primed.
        6. Color: Black (Mahogany only).
        7. Color: Slate.

\*\* NOTE TO SPECIFIER \*\* Delete option for texture not required.

* + - * 1. Texture: Clear Cypress woodgrain.
        2. Texture: Mahogany woodgrain.

\*\* NOTE TO SPECIFIER \*\* The following option applies only to Ultra-Grain. Delete if not required.

* + - 1. Exterior Finish: Ultra-Grain Base Door Woodgrain embossed texture with flush design in one of the following color options to simulate the look of stained wood:

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

* + - * 1. Color: Ultra-Grain Cypress Medium Finish.
        2. Color: Ultra-Grain Cypress Walnut Finish.
        3. Color: Ultra-Grain Cypress Slate Finish.
        4. Color: Medium Finish.
        5. Color: Walnut Finish.
        6. Color: Slate Finish.
        7. Color: Dark Finish.
        8. Color: Black.
        9. Color: White.
        10. Color: Primed.

\*\* NOTE TO SPECIFIER \*\* The following option applies only to Ultra-Grain. Delete if not required.

* + - 1. Exterior Finish: Composite overlays with Clear Cypress woodgrain texture and square edges.

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

* + - * 1. Color: Medium Finish.
        2. Color: Walnut Finish.
        3. Color: Dark Finish.
        4. Color: Slate Finish.
        5. Color: White.
        6. Color: Black.

\*\* NOTE TO SPECIFIER \*\* Delete locking type not required.

* + - 1. Locking: Non-keyed interior slide bolt. Standard.
      2. Locking: Decorative keyed snap latch lock.
      3. Weatherstripping: Standard, Provide U -shaped bottom seal.

\*\* NOTE TO SPECIFIER \*\* Perimeter seals are optional, choose from manufacturers standard options. Delete if not required.

* + - 1. Perimeter Seals: \_\_\_\_\_.
      2. Tracks: Vertical Tracks: 0.040 inch (1.02 mm) galvanized steel tapered and mounted for wedge type closing. Horizontal Tracks: 0.051 inch (1.29 mm) galvanized steel, reinforced with 0.0897 inch (2.28 mm) galvanized steel angles as required.

\*\* NOTE TO SPECIFIER \*\* Delete track type not required.

* + - * 1. Track Type: Lift tracks. Standard.
        2. Track Type: Low headroom track.
        3. Track Type: High lift track.
        4. Track Type: Follow-the-roof track.
        5. Track Width: 2 inches (50 mm).

\*\* NOTE TO SPECIFIER \*\* 20 inch and 32 inch radius only available on doors up to 12 ft high. Delete track radius not required.

* + - * 1. Track Radius: 10 inch (254 mm).
        2. Track Radius: 12 inch (305 mm).
        3. Track Radius: 15 inch (381 mm).
        4. Track Radius: 20 inch (508 mm).
        5. Track Radius: 32 inch (813 mm).

1. EXECUTION
   1. EXAMINATION AND PREPARATION
      1. Inspect and prepare substrates and openings for compliance with anchorage requirements using methods recommended by manufacturer for achieving best results for substrates and openings under project conditions. Examine wall and overhead areas, including opening framing and blocking, with installer present, for compliance with requirements for installation tolerances, clearances, and other conditions affecting performance of Work in this Section.
      2. Do not proceed with installation until substrates and openings are prepared using methods recommended by manufacturer. Correct deviations from manufacturer's recommended tolerances and conditions that will be detrimental to the installation. Commencement of installation constitutes acceptance of conditions.
      3. If preparation is responsibility of another installer, notify Architect in writing of deviations from manufacturer's recommended installation tolerances and conditions.
   2. INSTALLATION
      1. Install products in accordance with approved shop drawings and manufacturer's printed instructions. Install in proper relationship with adjacent construction. Test for proper operation and repeat until satisfactory results are obtained.
   3. PROTECTION
      1. Protect installed products until completion of project.
      2. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION