SECTION 08 32 16

VINYL PATIO DOORS

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\*\* NOTE TO SPECIFIER \*\* Novatech Group; aluminum patio doors.  
This section is based on the products of Novatech Group, which is located at:160 MuranoSainte-Julie, QC, Canada J3E 0C6Tel: 450-922-6106Fax: 450-922-9633Email: [request info (marketing@groupenovatech.com)](https://arcat.com/rfi?action=email&company=Novatech%252BGroup&message=RE%253A%2520Spec%2520Question%2520(08260sun)%253A%2520&coid=51586&spec=08260sun&rep=&fax=450-922-9633)  
Web: <https://www.groupenovatech.com>   
 [ [Click Here](https://arcat.com/company/novatech-group-51586) ] for additional information.  
In mid-December 2021, Sunview Patio Doors was acquired by the Novatech Group.  
The Novatech Group manufactures entrance doors, door glass, patio doors, retractable screens, and custom sealed glass. We offer patio doors well-known for the quality of their assembly. Whether your project demands PVC, aluminum, hybrid, or other types of patio doors, we have a wide range of architectural and residential products to choose from. The Novatech Group's development encompasses the pursuit of excellence, automation, and innovation at all levels of the company.

1. GENERAL
   1. SECTION INCLUDES

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

* + 1. Vinyl Patio Doors of the following types:
       1. Brighton Series.
       2. Hampton Series.
       3. Windsor Series.
       4. Victorian Series.
       5. Kent Series.
       6. Newcastle Series.
       7. Essex Series.
    2. Vinyl-Clad Patio Doors of the following types:
       1. Buckingham 1000 Series.
       2. Buckingham ECO Series.
  1. RELATED SECTIONS

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

* + 1. Section 06 10 00 - Rough Carpentry.
    2. Section 08 32 13 - Sliding Aluminum-Framed Glass Doors.
    3. Section 08 35 13.13 - Accordion Folding Doors.
  1. REFERENCES

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

* + 1. AAMA/WDMA/CSA 101/I.S.2/A440 - NAFS - North American Fenestration Standard/Specification for windows, doors and skylights.
    2. Standards Council of Canada:
       1. CAN/CGSB-82.1-M89 - Sliding Doors.
  1. SUBMITTALS
     1. Submit under provisions of Section 01 30 00 - Administrative Requirements.
     2. Product Data:
        1. Manufacturer's data sheets on each product to be used.
        2. Preparation instructions and recommendations.
        3. Storage and handling requirements and recommendations.
        4. Typical installation methods.

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

* + 1. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
    2. Verification Samples: For each finish product specified, two samples, minimum size 6 inches (150 mm) square representing actual product, color, and patterns.
    3. Shop Drawings: Include elevations of each opening and details of materials, construction and finish. Include relationship with adjacent construction.
  1. QUALITY ASSURANCE
     1. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with a minimum five years documented experience.
     2. Installer Qualifications: Company specializing in performing Work of this section with minimum two years documented experience with projects of similar scope and complexity.
     3. Source Limitations: Provide each type of product from a single manufacturing source to ensure uniformity.

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

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

1. PRODUCTS
   1. MANUFACTURERS
      1. Acceptable Manufacturer: Novatech Group, which is located at:160 MuranoSainte-Julie, QC, Canada J3E 0C6Tel: 450-922-6106Fax: 450-922-9633Email: [request info (marketing@groupenovatech.com)](https://arcat.com/rfi?action=email&company=Novatech%252BGroup&message=RE%253A%2520Spec%2520Question%2520(08260sun)%253A%2520&coid=51586&spec=08260sun&rep=&fax=450-922-9633);Web: <https://www.groupenovatech.com>

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

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

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

* 1. VINYL PATIO DOORS

\*\* NOTE TO SPECIFIER \*\* Brighton, a Sunview Patio Doors' value-priced series starts with the most advanced vinyl, a high-grade resin unmatched for strength, weight reduction, and freedom from wear - it will not rot, rust, pit, or blister over long periods of time. Door ships knock down for easy transport and assembly. Delete if not required.

* + 1. Basis of Design: Brighton Knock Down Patio Door; as manufactured by Sunview Patio Doors Ltd.
       1. Performance and Design Requirements
          1. AAMA/WDMA/CSA 101/1.S.2/A440: Meets NAFS/Class R-PG30.
       2. Frame: 4-7/8 inch (124 mm) vinyl frame.
       3. Sash reinforced with steel to withstand higher wind loads.
       4. Double perimeter seal.
       5. Configuration:
          1. Door/Panel: OX-Slide Left.
          2. Door/Panel: XO-Slide Right.
          3. Door/Panel: OXO-Slide Right to Left.
          4. Door/Panel: OZO-Slide Left to Right.
          5. Door/Panel: OOX-Slide Left.
          6. Door/Panel: XOO-Slide Right.
          7. Door/Panel: OXXO-Slide Right and Slide Left from Centre.
          8. Transom: As indicated on Drawings.
          9. Transom: \_\_\_\_\_.
          10. Sidelight: As indicated on Drawings.
          11. Sidelight: \_\_\_\_\_.
       6. Insulating Glass: One-inch (25 mm), argon-filled, Low-E coated, tempered, sealed, insulating glass.

\*\* NOTE TO SPECIFIER \*\* Decorative internal grills are optional. Delete options not required.

* + - 1. Decorative Internal Grills: Flat, two-tone.
      2. Decorative Internal Grills: Flat, white.
      3. Decorative Internal Grills: Georgian, two-tone.
      4. Decorative Internal Grills: Georgian, white.
      5. Decorative Internal Grills: Pencil, white.
      6. Decorative Internal Grills: Pencil, brass.
      7. Decorative Internal Grills: Pencil, pewter.
      8. Decorative Internal Grills: Square, white.
      9. Decorative Internal Grills: Square, brass.
      10. Decorative Internal Grills: Square, pewter.
      11. Weather Stripping: Full perimeter double fin-seal weather stripping.
      12. Hardware:

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

* + - * 1. Elite handle, white finish.
        2. Elite handle, black finish.
        3. Euro handle, white finish.
        4. Euro handle, black finish.
        5. Euro handle, brass finish.
        6. Euro handle, black nickel finish.
        7. Euro handle, satin nickel finish.
        8. Euro handle, bright chrome finish.
        9. Two position kick locks.
        10. Multi-point locks.
        11. Rollers: Adjustable tandem nylon ball bearing rollers.

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

* + - 1. Finish: To be selected by Architect.
      2. Finish: As indicated on Drawings.
      3. Finish: \_\_\_\_\_.

\*\* NOTE TO SPECIFIER \*\* Hampton, a Sunview Patio Doors' value-priced series starts with the most advanced vinyl, a high-grade resin unmatched for strength, weight reduction, and freedom from wear - it will not rot, rust, pit, or blister over long periods of time. Delete if not required.

* + 1. Basis of Design: Hampton Patio Door Series; as manufactured by Sunview Patio Doors Ltd.
       1. Performance and Design Requirements
          1. AAMA/WDMA/CSA 101/1.S.2/A440: Meets NAFS/Class R-PG35.
          2. Compliant with CAN/CGSB-82.1-M89.
       2. Frame: 4-7/8 inch (124 mm) vinyl frame.
       3. Sash reinforced with steel to withstand higher wind loads.
       4. Double perimeter seal.
       5. Configuration:
          1. Door/Panel: OX-Slide Left.
          2. Door/Panel: XO-Slide Right.
          3. Door/Panel: OXO-Slide Right to Left.
          4. Door/Panel: OZO-Slide Left to Right.
          5. Door/Panel: OOX-Slide Left.
          6. Door/Panel: XOO-Slide Right.
          7. Door/Panel: OXXO-Slide Right and Slide Left from Centre.
          8. Transom: As indicated on Drawings.
          9. Transom: \_\_\_\_\_.
          10. Sidelight: As indicated on Drawings.
          11. Sidelight: \_\_\_\_\_.
       6. Insulating Glass: One-inch (25 mm), Low-E coated, tempered, sealed, insulating glass.

\*\* NOTE TO SPECIFIER \*\* Decorative internal grills are optional. Delete options not required.

* + - 1. Decorative Internal Grills: Flat, white.
      2. Decorative Internal Grills: Georgian, white.
      3. Decorative Internal Grills: Georgian, brass.
      4. Decorative Internal Grills: Georgian, pewter.
      5. Decorative Internal Grills: Pencil, white.
      6. Decorative Internal Grills: Pencil, brass.
      7. Decorative Internal Grills: Pencil, pewter.
      8. Weather Stripping: Full perimeter double fin-seal weather stripping.
      9. Hardware:

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

* + - * 1. Standard handle, white finish.
        2. Standard handle, black finish.
        3. Upgrade handle, brass finish.
        4. Upgrade handle, nickel finish.
        5. Upgrade handle, satin chrome finish.
        6. Upgrade handle, bright chrome finish.
        7. Two position kick locks.
        8. Multi-point locks.
        9. Rollers: Adjustable tandem nylon ball bearing rollers.

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

* + - 1. Finish: To be selected by Architect.
      2. Finish: As indicated on Drawings.
      3. Finish: \_\_\_\_\_.

\*\* NOTE TO SPECIFIER \*\* Windsor, a Sunview Patio Doors' value-priced series starts with the most advanced vinyl, a high-grade resin unmatched for strength, weight reduction, and freedom from wear - it will not rot, rust, pit, or blister over long periods of time. Door ships assembled. Delete if not required.

* + 1. Basis of Design: Windsor Patio Door Series; as manufactured by Sunview Patio Doors Ltd.
       1. Performance and Design Requirements

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

* + - * 1. AAMA/WDMA/CSA 101/1.S.2/A440: Meets NAFS/Class R-PG40.
        2. AAMA/WDMA/CSA 101/1.S.2/A440: Meets NAFS/Class R-PG50.
      1. Frame: 4-7/8 inch (124 mm) vinyl frame.
      2. Sash reinforced with steel to withstand higher wind loads.
      3. Double perimeter seal.
      4. Configuration:
         1. Door/Panel: OX-Slide Left.
         2. Door/Panel: XO-Slide Right.
         3. Door/Panel: OXO-Slide Right to Left.
         4. Door/Panel: OZO-Slide Left to Right.
         5. Door/Panel: OOX-Slide Left.
         6. Door/Panel: XOO-Slide Right.
         7. Door/Panel: OXXO-Slide Right and Slide Left from Centre.
         8. Transom: As indicated on Drawings.
         9. Transom: \_\_\_\_\_.
         10. Sidelight: As indicated on Drawings.
         11. Sidelight: \_\_\_\_\_.
      5. Insulating Glass: One-inch (25 mm), Low-E coated, tempered, sealed, insulating glass.

\*\* NOTE TO SPECIFIER \*\* Decorative internal grills are optional. Delete options not required.

* + - 1. Decorative Internal Grills: Flat, white.
      2. Decorative Internal Grills: Georgian, white.
      3. Decorative Internal Grills: Georgian, brass.
      4. Decorative Internal Grills: Georgian, pewter.
      5. Decorative Internal Grills: Pencil, white.
      6. Decorative Internal Grills: Pencil, brass.
      7. Decorative Internal Grills: Pencil, pewter.
      8. Weather Stripping: Full perimeter double fin-seal weather stripping.
      9. Hardware:

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

* + - * 1. Standard handle, white finish.
        2. Standard handle, black finish.
        3. Upgrade handle, brass finish.
        4. Upgrade handle, nickel finish.
        5. Upgrade handle, satin chrome finish.
        6. Upgrade handle, bright chrome finish.
        7. Two position kick locks.
        8. Multi-point locks.
        9. Rollers: Adjustable tandem nylon ball bearing rollers.

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

* + - 1. Finish: To be selected by Architect.
      2. Finish: As indicated on Drawings.
      3. Finish: \_\_\_\_\_.

\*\* NOTE TO SPECIFIER \*\* The Victorian Patio Door Performance Series is manufactured from the most advanced vinyl. A high-grade resin recipe unmatched for strength and freedom from wear. Offering beauty and performance - it will not rot, rust, pit or blister over long periods of time. Our multi-chambered, all vinyl frame is durable and easy to install. Maximized strength withstands high winds and provides superior air tightness. Delete if not required.

* + 1. Basis of Design: Victorian Patio Door Series; as manufactured by Sunview Patio Doors Ltd.
       1. Performance and Design Requirements
          1. AAMA/WDMA/CSA 101/1.S.2/A440: Meets NAFS/Class LC-PG55.
       2. Frame:
          1. Depth: 5-7/8 inch (149 mm).
          2. Three weather seals.
          3. Anodized screen track and stainless steel roller track.
          4. Sill slopes 8 degrees for optimal drainage.
       3. Sash:
          1. Reinforced with steel to withstand high wind loads.
          2. Double perimeter seal for superior air-tightness.
          3. Adjustable nylon tandem ball-bearing rollers.
       4. Configuration:
          1. Door/Panel: OX-Slide Left.
          2. Door/Panel: XO-Slide Right.
          3. Door/Panel: OXO-Slide Right to Left.
          4. Door/Panel: OZO-Slide Left to Right.
          5. Door/Panel: OOX-Slide Left.
          6. Door/Panel: XOO-Slide Right.
          7. Door/Panel: OXXO-Slide Right and Slide Left from Centre.
          8. Transom: As indicated on Drawings.
          9. Transom: \_\_\_\_\_.
          10. Sidelight: As indicated on Drawings.
          11. Sidelight: \_\_\_\_\_.
       5. Insulating Glass: One-inch (25 mm), Low-E coated, tempered, sealed, insulating glass.
       6. Hardware:

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

* + - * 1. Elite handle, white finish.
        2. Elite handle, black finish.
        3. Elite handle, ivory finish.
        4. Elite handle, sandalwood finish.
        5. Two position kick locks.
        6. Guardian locks.
        7. Folding security bars.
      1. Accessories and Options:

\*\* NOTE TO SPECIFIER \*\* Delete accessories and options not required.

* + - * 1. Frame Extension: 1-1/4 inch (32 mm).
        2. Frame Extension: 2 inch (51 mm).
        3. Frame Extension: 3-3/8 inch (86 mm).
        4. Brick mold.
        5. Sill extensions.
        6. Internal mini-blinds.
        7. V-Groove Glass: Colonial.
        8. V-Groove Glass: Prairie.
        9. Decorative Internal Grills: Flat, two-tone.
        10. Decorative Internal Grills: Flat, white.
        11. Decorative Internal Grills: Flat, brass.
        12. Decorative Internal Grills: Flat, pewter.
        13. Decorative Internal Grills: Georgian, white.
        14. Decorative Internal Grills: Pencil, white.
        15. Decorative Internal Grills: Pencil, brass.
        16. Decorative Internal Grills: Pencil, pewter.

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

* + - 1. Finish: To be selected by Architect.
      2. Finish: As indicated on Drawings.
      3. Finish: \_\_\_\_\_.

\*\* NOTE TO SPECIFIER \*\* Kent is a Premium Series. Delete if not required.

* + 1. Basis of Design: Kent Patio Door Series; as manufactured by Sunview Patio Doors Ltd.
       1. Performance and Design Requirements
          1. AAMA/WDMA/CSA 101/1.S.2/A440: Meets NAFS/Class LC-PG55.
       2. Frame:

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

* + - * 1. Victorian all-vinyl frame.
        2. Buckingham wood frame with vinyl cladding.
        3. Buckingham eco frame with vinyl cladding.
        4. Depth: 5-7/8 inch (149 mm).
        5. Three weather seals.
        6. Anodized screen track and stainless steel roller track.
        7. Sill slopes 8 degrees for optimal drainage.
      1. Sash:
         1. Reinforced with steel to withstand high wind loads.
         2. Double perimeter seal for superior air-tightness.
         3. Adjustable nylon tandem ball-bearing rollers.
      2. Configuration:
         1. Door/Panel: OX-Slide Left.
         2. Door/Panel: XO-Slide Right.
         3. Door/Panel: OXO-Slide Right to Left.
         4. Door/Panel: OZO-Slide Left to Right.
         5. Door/Panel: OOX-Slide Left.
         6. Door/Panel: XOO-Slide Right.
         7. Door/Panel: OXXO-Slide Right and Slide Left from Centre.
         8. Transom: As indicated on Drawings.
         9. Transom: \_\_\_\_\_.
         10. Sidelight: As indicated on Drawings.
         11. Sidelight: \_\_\_\_\_.

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

* + - 1. Insulating Glass: One-inch (25 mm), Low-E coated, tempered, sealed, insulating glass.
      2. Insulating Glass: 1-3/8 inch (35 mm), Low-E coated, argon filled, tempered, sealed, triple glazed, insulating glass.
      3. Hardware:

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

* + - * 1. Elite handle, white finish.
        2. Elite handle, black finish.
        3. Elite handle, sandalwood finish.
        4. Euro handle, white finish.
        5. Euro handle, black finish.
        6. Euro handle, brass finish.
        7. Euro handle, black nickel finish.
        8. Euro handle, satin nickel finish.
        9. Euro handle, bright chrome finish.
        10. Multi-point keylock.
        11. Two position kick locks.
        12. Guardian locks.
        13. Folding security bars.
      1. Accessories and Options:

\*\* NOTE TO SPECIFIER \*\* Delete accessories and options not required.

* + - * 1. Frame Extension: 1-1/4 inch (32 mm).
        2. Frame Extension: 2 inch (51 mm).
        3. Frame Extension: 3-3/8 inch (86 mm).
        4. Brick Mold: 1-1/4 inch (32 mm).
        5. Brick Mold: 1-7/8 inch (48 mm).
        6. Drywall Return: 3/4 inch (19 mm).
        7. Sill Extension: 1-1/4 inch (32 mm).
        8. Sill Plate: 4-1/2 inch (114 mm).
        9. Decorative Internal Grills: Flat, two-tone.
        10. Decorative Internal Grills: Flat, white.
        11. Decorative Internal Grills: Flat, brass.
        12. Decorative Internal Grills: Flat, pewter.
        13. Decorative Internal Grills: Georgian, white.
        14. Decorative Internal Grills: Pencil, white.
        15. Decorative Internal Grills: Pencil, brass.
        16. Decorative Internal Grills: Pencil, pewter.

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

* + - 1. Finish: To be selected by Architect.
      2. Finish: As indicated on Drawings.
      3. Finish: \_\_\_\_\_.

\*\* NOTE TO SPECIFIER \*\* The Newcastle Patio Door Series is Sunview's pride and joy - the highest value, the best performance and with numerous sought-after upgrades standard, including welded sash, and whisper quiet rollers. Beautifully appointed in every component, offering performance and reliability. Step back and look at the fi ne details, the highest quality accessories and colour options. It's the execution of a uncompromising vision in state-of-the art vinyl, unmatched anywhere for durability. Delete if not required.

* + 1. Basis of Design: Newcastle Patio Door Series; as manufactured by Sunview Patio Doors Ltd.
       1. Performance and Design Requirements
          1. AAMA/WDMA/CSA 101/1.S.2/A440: Meets NAFS/Class R-PG50.
       2. Elegant heavy-duty screen.
       3. Pocket covers on interior, exterior jambs, and sill.
       4. Frame:

\*\* NOTE TO SPECIFIER \*\* Delete frame depths not required.

* + - * 1. Depth: 4-7/8 inch (124 mm).
        2. Depth: 6-1/8 inch (156 mm).
        3. Depth: 6-7/8 inch (175 mm).
        4. Three weather seals.
        5. Anodized screen track and stainless steel roller track.
        6. Sill slopes 8 degrees for optimal drainage.
      1. Sash:
         1. Reinforced with steel to withstand high wind loads.
         2. Double perimeter seal for superior air-tightness.
         3. Adjustable nylon tandem ball-bearing rollers.
      2. Configuration:
         1. Door/Panel: OX-Slide Left.
         2. Door/Panel: XO-Slide Right.
         3. Door/Panel: OXO-Slide Right to Left.
         4. Door/Panel: OZO-Slide Left to Right.
         5. Door/Panel: OOX-Slide Left.
         6. Door/Panel: XOO-Slide Right.
         7. Door/Panel: OXXO-Slide Right and Slide Left from Centre.
         8. Transom: As indicated on Drawings.
         9. Transom: \_\_\_\_\_.
         10. Sidelight: As indicated on Drawings.
         11. Sidelight: \_\_\_\_\_.
      3. Insulating Glass: One-inch (25 mm), Low-E coated, tempered, sealed, insulating glass.
      4. Hardware:

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

* + - * 1. Handle Finish: Satin nickel.
        2. Handle Finish: Polished brass
        3. Handle Finish: Oil bronze.
        4. Multi-point keylock.
        5. Two position kick locks.
        6. Guardian locks.
      1. Accessories and Options:

\*\* NOTE TO SPECIFIER \*\* Delete accessories and options not required.

* + - * 1. Brick mold.
        2. Sill Plate: 4-1/2 inch (114 mm).
        3. Stainless steel hardware kit.
        4. Internal mini-blinds.
        5. Decorative Internal Grills: Flat, two-tone.
        6. Decorative Internal Grills: Flat, white.
        7. Decorative Internal Grills: Flat, brass.
        8. Decorative Internal Grills: Flat, pewter.
        9. Decorative Internal Grills: Georgian, white.
        10. Decorative Internal Grills: Pencil, white.
        11. Decorative Internal Grills: Pencil, brass.
        12. Decorative Internal Grills: Pencil, pewter.
        13. Decorative Glass: Venice, wrought iron.
        14. Decorative Glass: Spectrum, decorative bevels.
        15. Retractable screen.

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

* + - 1. Finish: To be selected by Architect.
      2. Finish: As indicated on Drawings.
      3. Finish: \_\_\_\_\_.

\*\* NOTE TO SPECIFIER \*\* There is nothing quite like a Sunview Essex Swing Patio Door. The execution of an uncompromising vision in advanced vinyl. It was conceived to create unmatched performance with the satisfying vistas only a swinging patio door can provide. From its secure five-point locking system to its superior energy efficient dual-glazed Low E glass, it's your best choice for quality, design, and functionality. Delete if not required.

* + 1. Basis of Design: Essex Swing Patio Door Series; as manufactured by Sunview Patio Doors Ltd.
       1. Performance and Design Requirements
          1. AAMA/WDMA/CSA 101/1.S.2/A440: Meets NAFS/Class R-PG35.
       2. Frame Depth: 4-7/8 inch (124 mm).
       3. Sash:
          1. Reinforced with steel to withstand high wind loads.
          2. Double perimeter seal for superior air-tightness.
          3. Adjustable nylon tandem ball-bearing rollers.
       4. Configuration:
          1. Door/Panel: One panel, in-swing.
          2. Door/Panel: One panel, out-swing.
          3. Door/Panel: Two panel, in-swing.
          4. Door/Panel: Two panel, out-swing.
          5. Transom: As indicated on Drawings.
          6. Transom: \_\_\_\_\_.
          7. Sidelight: As indicated on Drawings.
          8. Sidelight: \_\_\_\_\_.
       5. Insulating Glass: One-inch (25 mm), Low-E coated, tempered, sealed, insulating glass.
       6. Hardware:

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

* + - * 1. Handle Finish: Brushed nickel.
        2. Handle Finish: Bright brass
        3. Handle Finish: Oil bronze.
        4. Sentry adjustable hinges.
        5. Multi-point keylock.
      1. Accessories and Options:

\*\* NOTE TO SPECIFIER \*\* Delete accessories and options not required.

* + - * 1. Frame Extension: 1-1/4 inch (32 mm).
        2. Brick mold.
        3. Sill Plate: 4-1/2 inch (114 mm).
        4. Internal mini-blinds.
        5. Decorative Internal Grills: Flat, two-tone.
        6. Decorative Internal Grills: Flat, white.
        7. Decorative Internal Grills: Georgian, two-tone.
        8. Decorative Internal Grills: Georgian, white.
        9. Decorative Internal Grills: Pencil, white.
        10. Decorative Internal Grills: Pencil, brass.
        11. Decorative Internal Grills: Pencil, pewter.
        12. Decorative Internal Grills: Square, white.
        13. Decorative Internal Grills: Square, brass.
        14. Decorative Internal Grills: Square, pewter.
        15. Decorative Glass: Venice, wrought iron.
        16. Decorative Glass: Spectrum, decorative bevels.
        17. Retractable screen.

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

* + - 1. Finish: To be selected by Architect.
      2. Finish: As indicated on Drawings.
      3. Finish: \_\_\_\_\_.

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

* 1. VINYL-CLAD PATIO DOORS

\*\* NOTE TO SPECIFIER \*\* The Buckingham Series 1000 Vinyl-Clad Patio Door is manufactured from the most advanced vinyl reinforced with a wood buck frame, offering beauty and performance. The vinyl will not rot, rust, pit or blister over long periods of time. Our wood buck frame is economical, durable and easy to install. Maximized strength withstands high winds and provides superior air tightness. Delete if not required.

* + 1. Basis of Design: Buckingham Series 1000 Vinyl-Clad Patio Door; as manufactured by Sunview Patio Doors Ltd.
       1. Performance and Design Requirements
          1. AAMA/WDMA/CSA 101/1.S.2/A440: Meets NAFS/Class LC-PG55.
       2. Frame:
          1. Depth: 5-7/8 inch (149 mm).
          2. Wood buck frame is economical, durable, and easy to install.
          3. Three weather seals.
          4. Anodized screen track and stainless steel roller track.
          5. Sill slopes 8 degrees for optimal drainage.
          6. All vinyl sill.
       3. Sash:
          1. Reinforced with steel to withstand high wind loads.
          2. Double perimeter seal for superior air-tightness.
          3. Adjustable nylon tandem ball-bearing rollers.
       4. Configuration:
          1. Door/Panel: OX-Slide Left.
          2. Door/Panel: XO-Slide Right.
          3. Door/Panel: OXO-Slide Right to Left.
          4. Door/Panel: OZO-Slide Left to Right.
          5. Door/Panel: OOX-Slide Left.
          6. Door/Panel: XOO-Slide Right.
          7. Door/Panel: OXXO-Slide Right and Slide Left from Centre.
          8. Transom: As indicated on Drawings.
          9. Transom: \_\_\_\_\_.
          10. Sidelight: As indicated on Drawings.
          11. Sidelight: \_\_\_\_\_.
       5. Insulating Glass: One-inch (25 mm), Low-E coated, tempered, sealed, insulating glass.
       6. Hardware:

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

* + - * 1. Elite handle, white finish.
        2. Elite handle, black finish.
        3. Elite handle, ivory finish.
        4. Elite handle, sandalwood finish.
        5. Optional Handle:

Single-point keylock.

Heavy duty multi-point keylock.

Finish: White.

Finish: Black.

Finish: Brass.

Finish: Black Nickel.

Finish: Satin Nickel.

Finish: Bright Chrome.

* + - * 1. Two position kick locks.
        2. Guardian locks.
        3. Folding security bars.
      1. Accessories and Options:

\*\* NOTE TO SPECIFIER \*\* Delete accessories and options not required.

* + - * 1. Frame Extension: 1-1/4 inch (32 mm).
        2. Frame Extension: 2 inch (51 mm).
        3. Frame Extension: 3-3/8 inch (86 mm).
        4. Sill Plate: 4-1/2 inch (114 mm).
        5. Brick mold.
        6. Sill extensions.
        7. Internal mini-blinds.
        8. V-Groove Glass: Colonial.
        9. V-Groove Glass: Prairie.
        10. Decorative Internal Grills: Flat, two-tone.
        11. Decorative Internal Grills: Flat, white.
        12. Decorative Internal Grills: Flat, brass.
        13. Decorative Internal Grills: Flat, pewter.
        14. Decorative Internal Grills: Georgian, white.
        15. Decorative Internal Grills: Pencil, white.
        16. Decorative Internal Grills: Pencil, brass.
        17. Decorative Internal Grills: Pencil, pewter.

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

* + - 1. Exterior Finish: To be selected by Architect.
      2. Exterior Finish: As indicated on Drawings.
      3. Exterior Finish: \_\_\_\_\_.
      4. Interior Finish: Same as exterior.
      5. Interior Finish: Natural oak woodgrain look.
      6. Interior Finish: Cherry woodgrain look.

\*\* NOTE TO SPECIFIER\*\* Sunview is very proud of the Buckingham Eco Patio Door, developed with our partner, Vision Ecoproducts. An industry first, the Eco door replaces a woodbuck system with a revolutionary rice hull material combined with recyclable polyolefin thermoplastic. As a result the stronger Buckingham Eco-Series Door resists mould growth that can develop in these doors. Delete if not required.

* + 1. Basis of Design: Buckingham Eco - Series 1000 Patio Door; as manufactured by Sunview Patio Doors Ltd.
       1. Performance and Design Requirements
          1. AAMA/WDMA/CSA 101/1.S.2/A440: Meets NAFS/Class LC-PG55.
       2. Frame:
          1. Depth: 5-7/8 inch (149 mm).
          2. Core: Rice hull combined with polyolefin.
          3. Three weather seals.
          4. Anodized screen track and stainless steel roller track.
          5. Sill slopes 8 degrees for optimal drainage.
          6. Enhanced fire resistance.
          7. Improved strength.
          8. Improved thermal resistance.
       3. Sash:
          1. Reinforced with steel to withstand high wind loads.
          2. Double perimeter seal for superior air-tightness.
          3. Adjustable nylon tandem ball-bearing rollers.
       4. Configuration:
          1. Door/Panel: OX-Slide Left.
          2. Door/Panel: XO-Slide Right.
          3. Door/Panel: OXO-Slide Right to Left.
          4. Door/Panel: OZO-Slide Left to Right.
          5. Door/Panel: OOX-Slide Left.
          6. Door/Panel: XOO-Slide Right.
          7. Door/Panel: OXXO-Slide Right and Slide Left from Centre.
          8. Transom: As indicated on Drawings.
          9. Transom: \_\_\_\_\_.
          10. Sidelight: As indicated on Drawings.
          11. Sidelight: \_\_\_\_\_.
       5. Insulating Glass: One-inch (25 mm), Low-E coated, tempered, sealed, insulating glass.
       6. Hardware:

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

* + - * 1. Elite handle, white finish.
        2. Elite handle, black finish.
        3. Elite handle, ivory finish.
        4. Elite handle, sandalwood finish.
        5. Euro Style Handle:

Single-point keylock.

Heavy duty multi-point keylock.

Finish: White.

Finish: Black.

Finish: Brass.

Finish: Black Nickel.

Finish: Satin Nickel.

Finish: Bright Chrome.

* + - * 1. Two position kick locks.
        2. Guardian locks.
        3. Folding security bars.
      1. Accessories and Options:

\*\* NOTE TO SPECIFIER \*\* Delete accessories and options not required.

* + - * 1. Frame Extension: 1-1/4 inch (32 mm).
        2. Frame Extension: 2 inch (51 mm).
        3. Frame Extension: 3-3/8 inch (86 mm).
        4. Sill Plate: 4-1/2 inch (114 mm).
        5. Brick mold.
        6. Sill extensions.
        7. Stainless steel hardware kit.
        8. Internal mini-blinds.
        9. V-Groove Glass: Colonial.
        10. V-Groove Glass: Prairie.
        11. Decorative Internal Grills: Flat, two-tone.
        12. Decorative Internal Grills: Flat, white.
        13. Decorative Internal Grills: Flat, brass.
        14. Decorative Internal Grills: Flat, pewter.
        15. Decorative Internal Grills: Georgian, white.
        16. Decorative Internal Grills: Pencil, white.
        17. Decorative Internal Grills: Pencil, brass.
        18. Decorative Internal Grills: Pencil, pewter.

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

* + - 1. Exterior Finish: To be selected by Architect.
      2. Exterior Finish: As indicated on Drawings.
      3. Exterior Finish: \_\_\_\_\_.
      4. Interior Finish: Same as exterior.
      5. Interior Finish: Natural oak woodgrain look.
      6. Interior Finish: Cherry woodgrain look.

1. EXECUTION
   1. EXAMINATION
      1. Do not begin installation until substrates have been properly constructed and prepared.
      2. If substrate preparation is the responsibility of another installer, notify Architect in writing of unsatisfactory preparation before proceeding.
   2. PREPARATION
      1. Clean surfaces thoroughly prior to installation.
      2. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
   3. INSTALLATION
      1. Install in accordance with manufacturer's instructions, approved submittals and in proper relationship with adjacent construction.
   4. CLEANING AND PROTECTION
      1. Clean products in accordance with the manufacturers recommendations.
      2. Protect installed products until completion of project.
      3. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION