SECTION 10 22 26

OPERABLE PARTITIONS

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

*Copyright 2012 - 2023 ARCAT, Inc. - All rights reserved*

\*\* NOTE TO SPECIFIER \*\* Moderco Inc.; operable partition products.  
This section is based on the products of Moderco Inc., which is located at:7200 John-Molson St.St-Hubert, QC, Canada J3Y 1R4Toll Free Tel: 800-363-3150Tel: 450-641-3150Fax: 450-641-4965Email: [request info (info@moderco.com)](https://arcat.com/rfi?action=email&company=Moderco%252BInc.&message=RE%253A%2520Spec%2520Question%2520(10650mpi)%253A%2520&coid=34266&spec=10650mpi&rep=&fax=450-641-4965)  
Web: <https://www.moderco.com>   
 [ [Click Here](https://arcat.com/company/moderco-inc-34266) ] for additional information.  
Moderco is considered to be one of the North America's leading manufacturers of acoustic operable partitions and associated complementary products and features. We have been designing, manufacturing, and selling moveable partition systems through a worldwide network of trained distributor partners for well over 40 years.

1. GENERAL
   1. SECTION INCLUDES

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

* + 1. Individual Panel Operable Partitions. (Signature 841)
    2. Paired Panel Operable Partitions. (Signature 842)
    3. Electrically Operated Panel Partitions. (Excel 733-EG) (Excel 843-EP)
    4. Individual and Paired Panel Acoustical Operable Glass Panels. (Crystal 240) (Crystal 241) (Crystal 242)
    5. Individual and Paired Panel non-acoustical Operable Glass Partitions. (Vision 121) (Vision 122)
    6. Accordion Folding Operable Partitions. (Unifold 1500) (Unifold 3100) (Unifold 3500) (Unifold 4000) (Unifold 4400)
  1. RELATED SECTIONS

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

* + 1. Section 03 30 00 - Cast-in-Place Concrete.
    2. Section 05 12 13 - Architecturally-Exposed Structural Steel Framing.
    3. Section 06 10 00 - Rough Carpentry.
    4. Section 08 71 00 - Door Hardware.
    5. Section 09 21 16.33 - Gypsum Board Area Separation Wall Assemblies.
    6. Section 26 05 00 - Common Work Results for Electrical.
  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 C423 - Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method.
    2. ASTM E90 - Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements.
    3. ASTM E413 - Classification for Rating Sound Insulation.
    4. ASTM E557 - Standard Guide for Architectural Design and Installation Practices for Sound Isolation between Spaces Separated by Operable Partitions.
  1. SUBMITTALS
     1. Submit under provisions of Section 01 30 00 - Administrative Requirements.
     2. Product Data: Manufacturer's data sheets on each product to be used, including:
        1. Preparation instructions and recommendations.
        2. Storage and handling requirements and recommendations.
        3. Installation methods.
     3. Shop Drawings: Show layout, elevations, supports and anchorage, conditions at jambs and intersections with permanent walls, hardware, joints, and connections.

\*\* 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. Manufacturer's Certificates: Certify products meet or exceed specified requirements.
    4. Closeout Submittals: Provide manufacturer's operating and maintenance instructions that include recommendations for periodic checking and adjustment and periodic cleaning and maintenance of all components.
  1. QUALITY ASSURANCE
     1. Manufacturer Qualifications: Firm with minimum 10 years documented experience in manufacturing operable partitions of type specified.
     2. Installer Qualifications: An experienced installer certified in writing by the operable partition manufacturer, as qualified to install the manufacturer's partition systems for work similar in material, design, and extent to that indicated for this Project.
     3. Field Measurements: Verify actual measurements of openings by field measurement prior to fabrication; show measurements on shop drawings.
     4. STC Ratings: Calculate STC in accordance with ASTM E413 based on ASTM E90 test on fully assembled partition of minimum size indicated:
        1. Rigid Panel Partitions (HxW): 168 x 111 inches (4267 x 2819 mm)
  2. 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.
  3. DELIVERY, STORAGE, AND HANDLING
     1. Deliver, handle and store products in accordance with manufacturer's recommendations.
     2. Store products indoors in manufacturer's unopened packaging until ready for installation.
     3. Protect from exposure to harmful weather conditions, at temperature and humidity conditions recommended by manufacturer.
  4. SEQUENCING
     1. Ensure that locating templates and other information required for installation of products of this section are furnished to affected trades in time to prevent interruption of construction progress.
     2. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.
  5. 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.
  6. WARRANTY
     1. Manufacturers two (2) year limited warranty for partition panels and five (5) year limited warranty on mechanical components including track and carriers.

1. PRODUCTS
   1. MANUFACTURERS
      1. Acceptable Manufacturer: Moderco Inc., which is located at:7200 John-Molson St.St-Hubert, QC, Canada J3Y 1R4Toll Free Tel: 800-363-3150Tel: 450-641-3150Fax: 450-641-4965Email: [request info (info@moderco.com)](https://arcat.com/rfi?action=email&company=Moderco%252BInc.&message=RE%253A%2520Spec%2520Question%2520(10650mpi)%253A%2520&coid=34266&spec=10650mpi&rep=&fax=450-641-4965);Web: <https://www.moderco.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 article if not required or delete basis of design paragraph not required.

* 1. INDIVIDUAL PANEL OPERABLE PARTITIONS
     1. Basis of Design: Signature 800 Series, Model 841, Top Supported Single Panel Partition, as manufactured by Moderco Inc.
        1. Acoustical Performance: As tested at an independent accredited laboratory in accordance with ASTM E90.

\*\* NOTE TO SPECIFIER \*\* Delete acoustical rating options not required.

* + - * 1. Acoustical Rating: STC 43.
        2. Acoustical Rating: STC 47.
        3. Acoustical Rating: STC 49.
        4. Acoustical Rating: STC 52.
        5. Acoustical Rating: STC 53.
        6. Acoustical Rating: STC 55.
      1. Maximum Ceiling Height: 30 ft 4 inches (9.25 m).
      2. Operation: Manual. Panels moved individually from the storage area, positioned in the opening, and seals set.

\*\* NOTE TO SPECIFIER \*\* Delete closure option not required. Hinged closure is limited to 12 ft (3658 mm) panel height.

* + - * 1. Closure: Telescoping closure with an expanding jamb member operated from either side of the panel using a removable handle.
        2. Closure: Hinged closure panel permanently attached to a structural wall with recessed hardware and multi-ply vinyl top and bottom seals.
      1. Panel Construction: Provide to sizes indicated on the Drawings.
         1. Thickness: Nominal 4 inches (100 mm).
         2. Widths: Maximum 48 inches (1230 mm).
         3. Weight: 6.0 to 10.5 lbs per sq ft (29.5 to 51.5 kg per sq m) based on selected STC rating and finishes.
         4. Panel Frame: Steel-braced, mechanically fastened 6065-T5 aluminum alloy extrusions.

\*\* NOTE TO SPECIFIER \*\* Delete trim option not required. Protective trims are standard.

Protective trims present at all vertical astragals.

No vertical face trim.

\*\* NOTE TO SPECIFIER \*\* Delete panel facing options not required.

* + - * 1. Panel Facing: Galvannealed steel liner laminated to 1/2 inch (13 mm) gypsum board. Steel thickness based on STC rating.
        2. Panel Facing: 1/2 inch (13 mm) tackable gypsum board.
        3. Panel Facing: 1/2 inch (13 mm) tackable gypsum board with galvannealed steel liner. Steel thickness determined by specified STC rating.
        4. Panel Facing: Standard 1/2 inch (13 mm) particle board.
        5. Panel Facing: ULEF/NAUF 1/2 inch (13 mm) particle board.
        6. Panel Facing: Standard 1/2 inch (13 mm) particle board with galvannealed steel liner. Steel thickness determined by specified STC rating.
        7. Panel Facing: ULEF/NAUF 1/2 inch (13 mm) particle board with galvannealed steel liner. Steel thickness determined by specified STC rating.
      1. Sound Seals:
         1. Vertical Seals:

Panel Edge Seals: Deep nesting aluminum and PVC tongue and groove interlocking astragal in each panel edge.

\*\* NOTE TO SPECIFIER \*\* Delete initial seal option not required.

Initial Seal: Bulb seal.

Initial Seal: Fixed wall jamb.

\*\* NOTE TO SPECIFIER \*\* Select horizontal seal option required and delete those not required. Horizontal Seals for STC 53 and STC 55 are not available except where noted.

* + - * 1. Horizontal Seals

Type FA: 1 inch (25 mm) fixed pvc top sweeps and automatically operated bottom seals. Bottom seals automatically drop as panel are positioned without use of a tool. Bottom seals retract automatically when panel is pulled away from wall or adjacent panel. (Not available on 53 and 55 STC).

Type FA-2: 2 inch (51 mm) floor clearance and 1-1/2 inch (38 mm) operating range.

Type FM: 1 inch (25 mm) fixed pvc top sweeps and manually operated bottom seals. Bottom seals extend and retract with half a turn of a removable lever handle. (Not available on 53 and 55 STC.)

FM-1: 1 inch (25 mm) floor clearance with 5/8 inch (16 mm) operating range.

FM-1.5: 1 1/2" [38mm] floor clearance with 3/4 inch (19 mm) operating range.

FM-2: 2 inch [51 mm) floor clearance with 1 inch (25 mm) operating range.

FM-2.5: 2-1/2 inch (64 mm) floor clearance with 2" (51 mm). operating range.

FM-4: 4 inch (102 mm) floor clearance with 3 1/22 inch (89 mm) operating range.

\*\* NOTE TO SPECIFIER \*\* Type MM-1 horizontal seals are standard for STC 53 panels. Type MM-1 horizontal seals are standard for STC 55 panels with the addition of fixed top sweeps.

Type MM: Manually operated top and bottom seals. Top and bottom seals extend and retract simultaneously with half a turn of a removable lever handle.

MM-1: 1 inch (25 mm) track clearance. 1 inch (25 mm) floor clearance with 5/8 inch (16mm) operating range.

MM-1.5: 1 inch (25 mm) track clearance. 1-1/2 inch (38 mm) floor clearance with 3/4 inch (19 mm) operating range.

MM-2:1 inch (25 mm) track clearance. 2 inch (51 mm) floor clearance with 1 inch (25 mm) operating range.

MM-2.5: 1 inch (25 mm) track clearance. 2-1/2 inch (64 mm) floor clearance with 2 Inch (51 mm) operating range.

MM-4: 1 inch (25 mm) track clearance. 4 inch (102 mm) floor clearance with 3-1/2 inch (89 mm) operating range.

Type AA: Automatically operated top and bottom seals. Top and bottom seals extend and retract simultaneously without use of a tool. Top and bottom seals retract automatically when panel is pulled away from wall or adjacent panel.

AA-1.5: 1inch (25 mm) track clearance. 1-1/2 inch (38 mm) floor clearance with 3/4 inch (19 mm) operating range.

\*\* NOTE TO SPECIFIER \*\* Delete suspension system options not required.

* + - 1. Suspension System: No. 23-T Aluminum Track.
         1. Application: For use with panels up to 15 ft 3 inches (4648 mm) in height.
         2. Track: 6063-T6 aluminum alloy extrusion with integral soffit trim supported by pairs of 3/8 inch (10 mm) dia. threaded rods connected to structural support, with or without optional hanger brackets.
         3. Trolley: All panels to be supported by two trolleys. Each trolley includes two counter-rotating precision ground ball bearing wheels with nylon tires.
         4. Multi-Directional Design: Trolley allows the panel to navigate through "L," "T" and "X" intersections without mechanical switching devices.
      2. Suspension System: No. 72 Steel Track.
         1. Application: For use with panels up to 15 ft 3 inches (4648 mm) in height.
         2. Track: 11 gauge roll-formed steel with integral soffit trim supported by pairs of 3/8 inch (10 mm) dia. threaded rods connected to structural support, with or without optional hanger brackets.
         3. Trolley: All panels to be supported by two trolleys. Each trolley includes four precision ground ball bearing wheels with steel tires.
         4. Multi-Directional Design: Trolleys are automatically guided through a pre-programmed stacking track switch.
      3. Suspension System: No. 55-T Aluminum Track.
         1. Application: For use with panels over 22 ft 3 inches (6781 mm) in height.
         2. Track: 6063-T6 aluminum alloy extrusion with integral soffit trim supported by pairs of 3/8 inch (10 mm) dia. threaded rods connected to structural support, with or without optional hanger brackets.
         3. Trolley: All panels to be supported by two trolleys. Each trolley includes four precision ground ball bearing wheels with steel tires.
         4. Multi-Directional Design: Trolleys are automatically guided through a pre-programmed stacking track switch.
      4. Suspension System: No. 33-T Aluminum Track.
         1. Application: For use with panels ranging from 15 ft 3 inches (4648 mm) to 22 ft 3 inches (6781 mm) in height.
         2. Track: 6063-T6 aluminum alloy extrusion with integral soffit trim supported by pairs of 3/8 inch (10 mm) dia. threaded rods connected to structural support, with or without optional hanger brackets.
         3. Trolley: All panels to be supported by two trolleys. Each trolley includes two counter-rotating precision ground ball bearing wheels with nylon tires.
         4. Multi-Directional Design: Trolley allows the panel to navigate through "L," "T" and "X" intersections without mechanical switching devices.
      5. Panel Face Finish:

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

* + - * 1. Vinyl - Factory applied Class A reinforced vinyl wallcovering with woven backing, weighing 21 oz per lineal yard (545 grams per lineal m). Color selected from manufacturer's standard color selector.
        2. Fabric - Factory applied Class A polyester or olefin/polyester stain-resistant fabric. Color selected from manufacturer's standard color selector.
        3. Carpet - Factory applied Class A vertically ribbed polyester carpet (NRC 0.20). Color selected from manufacturer's standard color selector.
        4. Dry-Erase Board - Full height steel dry-erase board with roll-formed vertical edges. (Available with trimmed and trimless edge panels.)
        5. Full height porcelain marker board with protective trims.
        6. Full height natural cork bulletin board with protective trim.
        7. Vinyl- or fabric-covered full height natural cork bulletin board.
        8. Full height Forbo bulletin board with protective trims only.
        9. Wilsonart high pressure laminate (38 and 60 suffixes).
        10. Wood veneer.
        11. Uncovered (not available for 43 or 47 STC panels with trimless vertical edges).
        12. Custom material as selected by the Architect.
      1. Work Surface Options:

\*\* NOTE TO SPECIFIER \*\* Delete panel work surface options not required.

* + - * 1. Inset steel white marker boards.
        2. Inset porcelain white marker boards.
        3. Inset natural cork tack boards.
        4. Inset linoleum tack boards.
        5. Full-width recessed chalk/marker trays.
        6. Recessed eraser boxes.
      1. Panel Frame Finish:

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

* + - * 1. Clear satin anodized.
        2. Powder coating, color as selected from the RAL Classic color palette.
        3. Powder coating, color as specified by the Architect.
      1. Track Finish:

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

* + - * 1. Aluminum Track:

Clear satin anodized.

Powder coating, color as selected from the RAL Classic color palette.

Custom Powder coating, color as specified by the Architect.

* + - * 1. Steel Track:

White powder coating.

Powder coating, color as selected from the RAL Classic color palette.

Custom Powder coating, color as specified by the Architect.

\*\* NOTE TO SPECIFIER \*\* Delete accessories paragraph not required or delete accessories not required.

* + - 1. Accessories:
         1. Pass-Through Door: ADA compliant pass door of the same thickness, construction, and finish as the common panels.

\*\* NOTE TO SPECIFIER \*\* Delete configuration option not required.

Configuration: Single.

Configuration: Double.

Flush pull on each side.

Roller latch.

\*\* NOTE TO SPECIFIER \*\* The remaining pass-through door items are optional. Exit signs and deadbolt locks may not be specified for the same door. Delete items not required.

Concealed automatic closer.

Panic bar with non-lockable lever.

Panic bar with lockable lever.

Self-luminescent "EXIT" sign with faceplate.

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

Faceplate Color: Red.

Faceplate Color: Green.

Self-luminescent "Running man" exit sign with green faceplate.

Deadbolt lock.

Window frame. Glazing by others.

Door viewer.

* + - * 1. Pocket Door of the same thickness, construction, and finish as the common panels.

\*\* NOTE TO SPECIFIER \*\* Delete pocket door option not required.

Acoustical pocket door.

Non-acoustical pocket door.

\*\* NOTE TO SPECIFIER \*\* Delete article if not required or delete basis of design option not required.

* 1. PAIRED PANEL OPERABLE PARTITIONS
     1. Basis of Design: Signature 800 Series, Model 842, Top Supported Paired Panel Partition, as manufactured by Moderco Inc.
        1. Acoustical Performance: As tested at an independent accredited laboratory in accordance with ASTM E90.

\*\* NOTE TO SPECIFIER \*\* Delete acoustical rating not required.

* + - * 1. Acoustical Rating: STC 43.
        2. Acoustical Rating: STC 47.
        3. Acoustical Rating: STC 49.
        4. Acoustical Rating: STC 52.
        5. Acoustical Rating: STC 53.
        6. Acoustical Rating: STC 55.
      1. Maximum Ceiling Height: 22 ft 4 inches (6.78 m).
      2. Operation: Manual. Panels moved individually from the storage area, positioned in the opening, and seals set.

\*\* NOTE TO SPECIFIER \*\* Delete closure paragraph not required. Hinged closure is limited to 12 ft (3658 mm) panel height.

* + - * 1. Closure: Telescoping closure with an expanding jamb member operated from either side of the panel using a removable handle.
        2. Closure: Hinged closure panel permanently attached to a structural wall with recessed hardware and multi-ply vinyl top and bottom seals.
      1. Panel Construction: Provide to sizes indicated on the Drawings.
         1. Thickness: Nominal 4 inches (100 mm).
         2. Widths: Maximum 48 inches (1230 mm).
         3. Weight: 6.0 to 10.5 lbs per sq ft (29.5 to 51.5 kg per sq m) based on selected STC rating and finishes.
         4. Panel Frame: Steel-braced, mechanically fastened 6065-T5 aluminum alloy extrusions.

\*\* NOTE TO SPECIFIER \*\* Delete trim option not required. Protective trims are standard.

Protective trims present at all vertical astragals.

No vertical face trim.

\*\* NOTE TO SPECIFIER \*\* Delete panel facing options not required.

* + - * 1. Panel Facing: Galvannealed steel liner laminated to 1/2 inch (13 mm) gypsum board. Steel thickness based on STC rating.
        2. Panel Facing: 1/2 inch (13 mm) tackable gypsum board.
        3. Panel Facing: 1/2 inch (13 mm) tackable gypsum board with galvannealed steel liner. Steel thickness determined by specified STC rating.
        4. Panel Facing: Standard 1/2 inch (13 mm) particle board.
        5. Panel Facing: ULEF/NAUF 1/2 inch (13 mm) particle board.
        6. Panel Facing: Standard 1/2 inch (13 mm) particle board with galvannealed steel liner. Steel thickness determined by specified STC rating.
        7. Panel Facing: ULEF/NAUF 1/2 inch (13 mm) particle board with galvannealed steel liner. Steel thickness determined by specified STC rating.
      1. Sound Seals:
         1. Vertical Seals:

Panel Edge Seals: Deep nesting aluminum and PVC tongue and groove interlocking astragal in each panel edge.

\*\* NOTE TO SPECIFIER \*\* Delete initial seal option not required. Bulb seal is standard.

Initial Seal: Bulb seal.

Initial Seal: Fixed wall jamb.

\*\* NOTE TO SPECIFIER \*\* Delete horizontal seals options not required. Horizontal Seals for STC 53 and STC 55 are not available.

* + - * 1. Horizontal Seals: Type FA. 1 inch (25 mm) fixed PVC top sweeps and automatically operated bottom seals. Bottom seals automatically drop as panel are positioned without use of a tool and retract automatically when panel is pulled away from the wall or adjacent panel.

Bottom Seal: 2 inch (50 mm) floor clearance and 1-1/2 inch (38 mm) operating range.

* + - * 1. Horizontal Seals: Type FM. 1 inch (25 mm) fixed PVC top sweeps and manually operated bottom seals. Bottom seals extend and retract with half a turn of a removable lever handle.

\*\* NOTE TO SPECIFIER \*\* Delete bottom seal options not required.

Bottom Seal: 1 inch (25 mm) floor clearance and 5/8 inch (16 mm) operating range.

Bottom Seal: 1-1/2 inch (38 mm) floor clearance and 3/4 inch (19 mm) operating range.

Bottom Seal: 2 inch (50 mm) floor clearance and 1 inch (25 mm) operating range.

Bottom Seal: 2-1/2 inch (64 mm) floor clearance and 2 inch (51 mm) operating range.

Bottom Seal: 4 inch (100 mm) floor clearance and 3-1/2 inch (89 mm) operating range.

* + - * 1. Horizontal Seals: Type MM: Manually operated top and bottom seals. Top and bottom seals extend and retract simultaneously with half a turn of a removable lever handle.

\*\* NOTE TO SPECIFIER \*\* Delete bottom seal options not required.

Bottom Seal: 1 inch (25 mm) floor clearance and 5/8 inch (16 mm) operating range.

Bottom Seal: 1-1/2 inch (38 mm) floor clearance and 3/4 inch (19 mm) operating range.

Bottom Seal: 2 inch (50 mm) floor clearance and 1 inch (25 mm) operating range.

Bottom Seal: 2-1/2 inch (64 mm) floor clearance and 2 inch (51 mm) operating range.

Bottom Seal: 4 inch (100 mm) floor clearance and 3-1/2 inch (89mm) operating range.

\*\* NOTE TO SPECIFIER \*\* Delete Suspension System options not required.

* + - 1. Suspension System: No. 45-T Aluminum Track.
         1. Application: For use with panels up to 15 ft 3 inches (4648 mm) in height.
         2. Track: 6063-T6 aluminum alloy extrusion with integral soffit trim supported by pairs of 3/8 inch (10 mm) dia. threaded rods connected to structural support, with or without optional hanger brackets.
         3. Trolley: Each panel to be supported by one trolley which includes four precision ground ball bearing wheels and nylon tires.
         4. Articulated trolley body will keep all wheels on track rolling surfaces at all times.
      2. Suspension System: No. 72 Steel Track.
         1. Application: For use with panels up to 15 ft 3 inches (4648 mm) in height.
         2. Track: 11 gauge roll-formed steel with integral soffit trim supported by pairs of 3/8 inch (10 mm) dia. threaded rods connected to structural support, with or without optional hanger brackets.
         3. Trolley: All panels to be supported by one trolley which includes four precision ground ball bearing wheels and steel tires.
      3. Suspension System: No. 55-T Aluminum Track.
         1. Application: For use with panels ranging from 15 ft 3 inches (4648 mm) to 22 ft 3 inches (6781 mm) in height.
         2. Track: 6063-T6 aluminum alloy extrusion with integral soffit trim supported by pairs of 3/8 inch (10 mm) dia. threaded rods connected to structural support, with or without optional hanger brackets.
         3. Trolley: All panels to be supported by one trolley which includes four precision ground ball bearing wheels and steel tires.
      4. Track Finish:

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

* + - * 1. Aluminum Track:

Clear satin anodized.

Powder coating, color as selected from the RAL Classic color palette.

Custom Powder coating, color as specified by the Architect.

* + - * 1. Steel Track:

White powder coating.

Powder coating, color as selected from the RAL Classic color palette.

Custom Powder coating, color as specified by the Architect.

* + - 1. Panel Face Finish:

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

* + - * 1. Vinyl - Factory applied Class A reinforced vinyl wallcovering with woven backing, weighing 21 oz per lineal yard (545 grams per lineal m). Color selected from manufacturer's standard color selector.
        2. Fabric - Factory applied Class A polyester or olefin/polyester stain-resistant fabric. Color selected from manufacturer's standard color selector.
        3. Carpet - Factory applied Class A vertically ribbed polyester carpet (NRC 0.20). Color selected from manufacturer's standard color selector.
        4. Dry-Erase Board - Full height steel dry-erase board with roll-formed vertical edges. (Available with trimmed and trimless edge panels)
        5. Full height porcelain marker board with protective trims.
        6. Full height natural cork bulletin board with protective trim.
        7. Vinyl- or fabric-covered full height natural cork bulletin board.
        8. Full height Forbo bulletin board with protective trims only.
        9. Wilsonart high pressure laminate (38 and 60 suffixes).
        10. Wood veneer.
        11. Uncovered (not available for 43 or 47 STC panels with trimless vertical edges).
        12. Panel Face Finish: Custom material as selected by the Architect.
      1. Work Surface Options:

\*\* NOTE TO SPECIFIER \*\* Delete panel work surface options not required.

* + - * 1. Inset Surface-mounted trimmed steel white marker boards.
        2. Inset Surface-mounted trimmed porcelain white marker boards.
        3. Inset Surface-mounted trimmed natural cork tack boards.
        4. Inset linoleum tack boards.
        5. Full-width recessed chalk/marker trays.
        6. Recessed eraser boxes.
      1. Panel Frame Finish:

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

* + - * 1. Clear satin anodized.
        2. Powder coating, color as selected from the RAL Classic color palette.
        3. Powder coating, color as specified by the Architect.

\*\* NOTE TO SPECIFIER \*\* Delete accessories paragraph is not required or delete accessories not required.

* + - 1. Accessories:
         1. Pass-Through Door: ADA compliant pass door of the same thickness, construction, and finish as the common panels.

\*\* NOTE TO SPECIFIER \*\* Delete configuration option not required.

Configuration: Single.

Configuration: Double.

Flush pull on each side.

Roller latch.

\*\* NOTE TO SPECIFIER \*\* The remaining pass-through door items are optional. Exit signs and deadbolt locks may not be specified for the same door. Delete items not required.

Concealed automatic closer.

Panic bar with non-lockable lever.

Panic bar with lockable lever.

Self-luminescent "EXIT" sign with faceplate.

\*\* NOTE TO SPECIFIER \*\* Delete faceplate color option not required. Red is standard.

Faceplate Color: Red.

Faceplate Color: Green.

Self-luminescent "Running man" exit sign with green faceplate.

Deadbolt lock.

Window frame. Glazing by others.

Door viewer.

* + - * 1. Pocket Door: Construction and finish to match partition panels.

\*\* NOTE TO SPECIFIER \*\* Delete pocket door option not required.

Acoustical pocket door.

Non-acoustical pocket door.

\*\* NOTE TO SPECIFIER \*\* Delete article if not required or delete basis of design options not required.

* 1. ELECTRICALLY OPERATED PANEL PARTITIONS
     1. Basis of Design: Excel 700 Series, Model 733-EG, Top Supported Continuously Hinged Electrically Operated Panel Partition, as manufactured by Moderco Inc.
        1. Acoustical Performance: As tested at an independent accredited laboratory in accordance with ASTM E90.

\*\* NOTE TO SPECIFIER \*\* Delete acoustical rating option not required.

* + - * 1. Acoustical Rating: STC 43.
        2. Acoustical Rating: STC 49.
      1. Maximum Ceiling Height: 30 ft 3 in (9.2m).
      2. Operation: Motorized. Panels moved individually from the storage area, positioned in the opening, and seals set.
         1. Initial seal: Bulb seal

\*\* NOTE TO SPECIFIER \*\* Delete final closure option not required. Hinged closure is limited to 12 ft (3658 mm) panel height.

* + - * 1. Final Closure:

At wall jamb.

6 inches (152 mm) beyond face of acoustical pocket door.

* + - 1. Panel Construction: Provide to sizes indicated on the Drawings.
         1. Thickness: Nominal 3 inches (76 mm).
         2. Widths: Maximum 48-1/2 inches (1230 mm).
         3. Weight: 4.1 to 5.1 lbs per sq ft (20 to 25 kg per sq m) based on selected STC rating and finishes.
         4. Panel Frame: 18 ga. C-shaped steel channels welded at corners, with double channels at the top of the panel and trimless vertical edges.
         5. Panel Facing: Roll-formed galvannealed steel skins. Steel thickness based on STC rating.
      2. Sound Seals:
         1. Vertical Seals:

Panel Edge Seals: Deep nesting aluminum and PVC tongue and groove interlocking astragal in each panel edge.

Initial Seal: Bulb seal.

* + - * 1. Horizontal Seals: Type FV.

Top Seals: 1 inch (25 mm) continuous contact multi-fingered vinyl sweeps.

Bottom Seals: 3 inch (76 mm) floor clearance and 1-1/2 inch (38 mm) operating range.

* + - 1. Suspension System: No. 80 Aluminum Track.
         1. Track: 5 inch (127 mm) steel beam with aluminum soffit trims supported by pairs of 5/8 inch (16 mm) dia. threaded rods connected to structural support with hanger brackets.
         2. Trolley: Alternating panels to be supported by one trolley which includes four precision ground ball bearing wheels and steel tires.
      2. Drive System: UL/ULC listed drive unit with NEMA-1 motor enclosure and controls and control enclosure conform to ANSI/NEMA ICS1, ICS 2 and ICS 6. Drive unit located at the storage end.
         1. Motor: 1.5 HP, 208 V, 3 ph, 60 Hz.
         2. Drivetrain: 5/16 inch (8 mm) steel cable.
         3. Limiters: Travel limits of the partition controlled by limit switches positioned on the track system, ensuring full travel before shut-off. Emergency release allows manual operation during power outage.
      3. Controls: Operate with two simultaneously activated control stations positioned on opposite sides of the partition. Maintain a clear unobstructed view during operation of the partition.

\*\* NOTE TO SPECIFIER \*\* Delete switching option not required.

* + - * 1. Switching: Two 3-position spring-loaded key switches.
        2. Switching: One 3-position spring-loaded key switch and one push button switch.
        3. Safety:

\*\* NOTE TO SPECIFIER \*\* Delete the sensing methods not required.

Photo-electric sensors on each side of the partition will stop the drive unit when either infra-red beam is disrupted.

Safety lead edge will stop the drive unit when contact is detected during deployment.

Recessed safety mats at the stack area will stop the drive unit when pressure is detected.

* + - 1. Finishes:

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

* + - * 1. Panel Face Finish: Vinyl - Factory applied Class A reinforced vinyl wallcovering with woven backing, weighing 21 oz per lineal yard (545 gram per lineal m). Color selected from manufacturer's standard color selector.
        2. Panel Face Finish: Carpet - Factory applied Class A vertically ribbed polyester carpet (NRC 0.20). Color selected from manufacturer's standard color selector.
        3. Panel Face Finish: As selected by the Architect.
        4. Panel Face Finish: Uncovered
      1. Track and Panel Frame Finish
         1. Powder coating black.
         2. Powder coating, color as selected from the RAL Classic color palette.
         3. Powder coating, color as specified by the Architect.

\*\* NOTE TO SPECIFIER \*\* Delete accessories paragraph if not required or delete accessories options not required.

* + - 1. Accessories:
         1. Single Pass-Through Door: ADA compliant door of the same thickness, construction, and finish as the common panels.

Flush pull on each side.

Roller latch.

\*\* NOTE TO SPECIFIER \*\* The remaining pass-through door items are optional. Exit signs and deadbolt locks may not be specified for the same door. Delete items not required.

Concealed automatic closer.

Self-luminescent "EXIT" sign with faceplate.

\*\* NOTE TO SPECIFIER \*\* Delete faceplate color option not required. Red is standard.

Faceplate Color: Red.

Faceplate Color: Green.

Self-luminescent "Running man" exit sign with green faceplate.

Deadbolt lock.

Window frame, Glazing by others.

Door viewer.

\*\* NOTE TO SPECIFIER \*\* Delete work surfaces options not required.

* + - * 1. Work Surfaces: Surface-mounted trimmed steel white marker boards.
        2. Work Surfaces: Surface-mounted trimmed porcelain white marker boards.
        3. Work Surfaces: Surface-mounted trimmed natural cork tack boards.
        4. Work Surfaces: Recessed eraser boxes.
        5. Pocket Door: Construction and finish to match partition panels.

\*\* NOTE TO SPECIFIER \*\* Delete pocket door option not required.

Acoustical pocket door.

Non-acoustical pocket door.

\*\* NOTE TO SPECIFIER \*\* Delete Safety Features paragraph if not required or delete accessories options not required.

* + - 1. Safety Features:
         1. Photo-electric sensors on each side of the partition will stop the drive unit when either infra-red beam is disrupted.
         2. Safety lead edge will stop the drive unit when contact is detected during deployment.
         3. Recessed safety mats at the stack area will stop the drive unit when pressure is detected
    1. Basis of Design: Signature 800 Series, Model 843-E, Top Supported Continuously Hinged Electrically Operated Panel Partition, as manufactured by Moderco Inc.
       1. Acoustical Performance: As tested at an independent accredited laboratory in accordance with ASTM E90.

\*\* NOTE TO SPECIFIER \*\* Delete acoustical rating options not required.

* + - * 1. Acoustical Rating: STC 43.
        2. Acoustical Rating: STC 47.
        3. Acoustical Rating: STC 49.
        4. Acoustical Rating: STC 52.
      1. Maximum Ceiling Height: 22 ft 4 in (6.8m).
      2. Operation: Motorized. Panels moved individually from the storage area, positioned in the opening.
         1. Initial seal: Bulb seal

\*\* NOTE TO SPECIFIER \*\* Delete final closure option not required. Hinged closure is limited to 12 ft (3658 mm) panel height.

* + - * 1. Final Closure:

At wall jamb.

6 inches [152 mm] beyond face of acoustical pocket door.

* + - 1. Panel Construction: Provide to sizes indicated on the Drawings.
         1. Thickness: Nominal 4 inches (100 mm).
         2. Widths: Maximum 48 inches (1230 mm).
         3. Weight: 6.0 to 8.5 lbs per sq ft (29.5 to 41.5 kg per sq m) based on selected STC rating and finishes.
         4. Panel Frame: Steel-braced, mechanically fastened 6065-T5 aluminum alloy extrusions. Protective trims present at all vertical astragals.

\*\* NOTE TO SPECIFIER \*\* Delete panel facing options not required.

* + - * 1. Panel Facing: Galvannealed steel liner laminated to 1/2 inch (13 mm) gypsum board. Steel thickness based on STC rating.
        2. Panel Facing: 1/2 inch (13 mm) tackable gypsum board.
        3. Panel Facing: 1/2 inch (13 mm) tackable gypsum board with galvannealed steel liner. Steel thickness determined by specified STC rating.
        4. Panel Facing: Standard 1/2 inch (13 mm) particle board.
        5. Panel Facing: ULEF/NAUF 1/2 inch (13 mm) particle board.
        6. Panel Facing: Standard 1/2 inch (13 mm) particle board with galvannealed steel liner. Steel thickness determined by specified STC rating.
        7. Panel Facing: ULEF/NAUF 1/2 inch (13 mm) particle board with galvannealed steel liner. Steel thickness determined by specified STC rating.
      1. Sound Seals:
         1. Vertical Seals:

Panel Edge Seals: Deep nesting aluminum and PVC tongue and groove interlocking astragal in each panel edge.

\*\* NOTE TO SPECIFIER \*\* Delete horizontal seals option not required. Type FF Standard.

* + - * 1. Horizontal Seals: Type FF.

Top Seals: 1 inch (25 mm) continuous contact multi-fingered vinyl sweeps.

Bottom Seals: 2 inch (50 mm) continuous contact multi-fingered vinyl sweeps.

* + - * 1. Horizontal Seals: Type SC.

Top Seals: 1 inch (25 mm) continuous contact multi-fingered vinyl sweeps.

Bottom Seals: 2 inch (50 mm) self-compensating seals.

* + - 1. Suspension System: No. 55-T Aluminum Track.
         1. Track: 6063-T6 aluminum alloy extrusion with integral soffit trim supported by pairs of 3/8 inch (10 mm) dia. threaded rods connected to structural support, with hanger brackets.
         2. Trolley: Each panel to be supported by one trolley which includes four precision ground ball bearing wheels and steel tires.
      2. Drive System: UL/ULC listed drive unit with NEMA-1 motor enclosure and controls and control enclosure conform to ANSI/NEMA ICS1, ICS 2 and ICS 6. Drive unit located at the storage end.
         1. Motor: 1.5 HP, 120 V, 1-phase, 60 Hz.
         2. Drivetrain: No. 35 roller chain.
         3. Limiters: Travel limits of the partition controlled by limit switches positioned on the track system, ensuring full travel before shut-off. Emergency release allows manual operation during power outage.
      3. Controls: Operate with two simultaneously activated control stations positioned on opposite sides of the partition. Maintain a clear unobstructed view during operation of the partition.

\*\* NOTE TO SPECIFIER \*\* Delete switching option not required.

* + - * 1. Switching: Two 3-position spring-loaded key switches.
        2. Switching: One 3-position spring-loaded key switch and one push button switch.
        3. Safety:

\*\* NOTE TO SPECIFIER \*\* Delete sensing methods not required.

Photo-electric sensors on each side of the partition will stop the drive unit when either infra-red beam is disrupted.

Safety lead edge will stop the drive unit when contact is detected during deployment.

Recessed safety mats at the stack area will stop the drive unit when pressure is detected.

* + - 1. Finishes:

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

* + - * 1. Panel Face Finish: Vinyl - Factory applied Class A reinforced vinyl wallcovering with woven backing, weighing 21 oz per lineal yard (545 gram per lineal m). Color selected from manufacturer's standard color selector.
        2. Panel Face Finish: Fabric - Factory applied Class A polyester or olefin/polyester stain-resistant fabric. Color selected from manufacturer's standard color selector.
        3. Panel Face Finish: Factory applied Class A polyester or olefin/polyester stain-resistant fabric. Color selected from manufacturer's standard color selector Color selected from manufacturer's standard color selector.
        4. Panel Face Finish: As selected by the Architect.
        5. Panel Face Finish: Full height steel dry-erase board.
        6. Panel Face Finish: Full height natural cork bulletin board.
        7. Panel Face Finish: Vinyl or fabric covered full height natural cork bulletin board.
        8. Panel Face Finish: Full height Forbo bulletin board.
        9. Panel Face Finish: Wilsonart high pressure laminate.
        10. Panel Face Finish: Wood veneer.
        11. Panel Face Finish: Uncovered.
      1. Track and Panel Frame Finish
         1. Clear satin anodized.
         2. Powder coating, color as selected from the RAL Classic color palette.
         3. Powder coating, color as specified by the Architect.

\*\* NOTE TO SPECIFIER \*\* Delete accessories paragraph if not required or delete accessories options not required.

* + - 1. Accessories:
         1. Single Pass-Through Door: ADA compliant door of the same thickness, construction, and finish as the common panels.

Flush pull on each side.

Roller latch.

\*\* NOTE TO SPECIFIER \*\* The remaining pass-through door items are optional. Exit signs and deadbolt locks may not be specified for the same door. Delete items not required.

Concealed automatic closer.

Self-luminescent "EXIT" sign with faceplate.

\*\* NOTE TO SPECIFIER \*\* Delete faceplate color option not required. Red is standard.

Faceplate Color: Red.

Faceplate Color: Green.

Self-luminescent "Running man" exit sign with green faceplate.

Deadbolt lock.

Window frame, Glazing by others.

Door viewer.

\*\* NOTE TO SPECIFIER \*\* Delete work surfaces options not required.

* + - * 1. Work Surfaces: Inset steel white marker boards.
        2. Work Surfaces: Inset porcelain white marker boards.
        3. Work Surfaces: Inset natural cork tack boards.
        4. Work Surfaces: Inset linoleum tack boards.
        5. Full-width recessed chalk/marker trays.
        6. Recessed eraser boxes.
        7. Pocket Door: Construction and finish to match partition panels.

\*\* NOTE TO SPECIFIER \*\* Delete pocket door option not required.

Acoustical pocket door.

Non-acoustical pocket door.

* + 1. Basis of Design: Signature 800 Series, Model 843-EP, Top Supported Continuously Hinged Electrically Operated Panel Partition, as manufactured by Moderco Inc.
       1. Acoustical Performance: As tested at an independent accredited laboratory in accordance with ASTM E90.

\*\* NOTE TO SPECIFIER \*\* Delete acoustical rating option not required.

* + - * 1. Acoustical Rating: STC 43.
        2. Acoustical Rating: STC 47.
        3. Acoustical Rating: STC 49.
        4. Acoustical Rating: STC 52.
        5. Acoustical Rating: STC 55.
      1. Maximum Ceiling Height: 22 ft 4 in (6.8m).
      2. Operation: Motorized. Panels moved individually from the storage area, positioned in the opening, and seals set.
         1. Initial seal:

Telescopic closure.

* + - * 1. Final closure:

Half panel hinged to a wall jamb.

* + - 1. Panel Construction: Provide to sizes indicated on the Drawings.
         1. Thickness: Nominal 4 inches (100 mm).
         2. Widths: Maximum 48 inches (1230 mm).
         3. Weight: 6.0 to 8.5 lbs per sq ft (29.5 to 41.5 kg per sq m) based on selected STC rating and finishes.
         4. Panel Frame: Steel-braced, mechanically fastened 6065-T5 aluminum alloy extrusions. Protective trims present at all vertical astragals.

\*\* NOTE TO SPECIFIER \*\* Delete panel facing options not required.

* + - * 1. Panel Facing: Galvannealed steel liner laminated to 1/2 inch (13 mm) gypsum board. Steel thickness based on STC rating.
        2. Panel Facing: 1/2 inch (13 mm) tackable gypsum board.
        3. Panel Facing: 1/2 inch (13 mm) tackable gypsum board with galvannealed steel liner. Steel thickness determined by specified STC rating.
        4. Panel Facing: Standard 1/2 inch (13 mm) particle board.
        5. Panel Facing: ULEF/NAUF 1/2 inch (13 mm) particle board.
        6. Panel Facing: Standard 1/2 inch (13 mm) particle board with galvannealed steel liner. Steel thickness determined by specified STC rating.
        7. Panel Facing: ULEF/NAUF 1/2 inch (13 mm) particle board with galvannealed steel liner. Steel thickness determined by specified STC rating.
      1. Sound Seals:
         1. Vertical Seals:

Panel Edge Seals: Deep nesting aluminum and PVC tongue and groove interlocking astragal in each panel edge.

\*\* NOTE TO SPECIFIER \*\* Horizontal Seals for STC 53 and STC 55 are not available.

* + - * 1. Horizontal Seals: Type FP.

Top Seals: 1 inch (25 mm) continuous contact multi-fingered vinyl sweeps.

Bottom Seals: 2 inch (50 mm) pneumatically operated seals.

Activation: 0.5 HP / 110 V / 40 dB CSA listed compressor with 115 psi (793 kPa) minimum pressure.

* + - 1. Suspension System: No. 55-T Aluminum Track.
         1. Track: 6063-T6 aluminum alloy extrusion with integral soffit trim supported by pairs of 3/8 inch (10 mm) dia. threaded rods connected to structural support, with hanger brackets.
         2. Trolley: Each panel to be supported by one trolley with four precision ground ball bearing wheels and steel tires.
      2. Drive System: UL/ULC listed drive unit with NEMA-1 motor enclosure and controls and control enclosure conform to ANSI/NEMA ICS1, ICS 2 and ICS 6. Drive unit located at the storage end.
         1. Motor: 1.5 HP, 120 V, 1-phase, 60 Hz.
         2. Drivetrain: 3/16 inch (5 mm) steel cable.
         3. Limiters: Travel limits of the partition controlled by limit switches positioned on the track system, ensuring full travel before shut-off. Emergency release allows manual operation during power outage.
      3. Controls: Operate with two simultaneously activated control stations positioned on opposite sides of the partition. Maintain a clear unobstructed view during operation of the partition.

\*\* NOTE TO SPECIFIER \*\* Delete switching option not required.

* + - * 1. Switching: Two 3-position spring-loaded key switches.
        2. Switching: One 3-position spring-loaded key switch and one push button switch.
        3. Safety:

\*\* NOTE TO SPECIFIER \*\* Delete sensing methods not required.

Photo-electric sensors on each side of the partition will stop the drive unit when either infra-red beam is disrupted.

Recessed safety mats at the stack area will stop the drive unit when pressure is detected.

* + - 1. Finishes:

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

* + - * 1. Panel Face Finish: Vinyl - Factory applied Class A reinforced vinyl wallcovering with woven backing, weighing 21 oz per lineal yard (545 gram per lineal m). Color selected from manufacturer's standard color selector.
        2. Panel Face Finish: Fabric - Factory applied Class A polyester or olefin/polyester stain-resistant fabric. Color selected from manufacturer's standard color selector.
        3. Panel Face Finish: Factory applied Class A polyester or olefin/polyester stain-resistant fabric. Color selected from manufacturer's standard color selector Color selected from manufacturer's standard color selector.
        4. Panel Face Finish: As selected by the Architect.
        5. Panel Face Finish: Full height steel dry-erase board.
        6. Panel Face Finish: Full height natural cork bulletin board.
        7. Panel Face Finish: Vinyl or fabric covered full height natural cork bulletin board.
        8. Panel Face Finish: Full height Forbo bulletin board.
        9. Panel Face Finish: Wilsonart high pressure laminate.
        10. Panel Face Finish: Wood veneer.
        11. Panel Face Finish: Uncovered.
      1. Track and Panel Frame Finish
         1. Clear satin anodized.
         2. Powder coating, color as selected from the RAL Classic color palette.
         3. Powder coating, color as specified by the Architect.

\*\* NOTE TO SPECIFIER \*\* Delete accessories paragraph if not required or delete accessories options not required.

* + - 1. Accessories:
         1. Single Pass-Through Door: ADA compliant door of the same thickness, construction, and finish as the common panels.

Flush pull on each side.

Roller latch.

\*\* NOTE TO SPECIFIER \*\* The remaining pass-through door items are optional. Exit signs and deadbolt locks may not be specified for the same door. Delete items not required.

Concealed automatic closer.

Self-luminescent "EXIT" sign with faceplate.

\*\* NOTE TO SPECIFIER \*\* Delete faceplate color option not required. Red is standard.

Faceplate Color: Red.

Faceplate Color: Green.

Self-luminescent "Running man" exit sign with green faceplate.

Deadbolt lock.

Window frame, Glazing by others.

Door viewer.

\*\* NOTE TO SPECIFIER \*\* Delete work surfaces options not required.

* + - * 1. Work Surfaces: Inset steel white marker boards.
        2. Work Surfaces: Inset porcelain white marker boards.
        3. Work Surfaces: Inset natural cork tack boards.
        4. Work Surfaces: Inset linoleum tack boards.
        5. Full-width recessed chalk/marker trays.
        6. Recessed eraser boxes.
        7. Pocket Door: Construction and finish to match partition panels.

\*\* NOTE TO SPECIFIER \*\* Delete pocket door option not required.

Acoustical pocket door.

Non-acoustical pocket door.

\*\* NOTE TO SPECIFIER \*\* Delete article if not required or delete basis of design options not required.

* 1. INDIVIDUAL AND PAIRED PANEL acoustical OPERABLE GLASS PARTITIONS
     1. Basis of Design: Crystal 200 Series, Model 240, Top Supported Acoustical Glass Panels, as manufactured by Moderco Inc.
        1. Acoustical Performance: Acoustical rating of STC 44 as tested at an independent accredited laboratory in accordance with ASTM E 90.
        2. Maximum Ceiling Height: 12 ft 4 inches (3.76 m).
        3. Operation: Manual. Top supported, center stacking individual panels.

\*\* NOTE TO SPECIFIER \*\* Delete final closure options not required.

* + - * 1. Final Closure: Telescopic Closure panel equipped with a telescopic jamb mounted to steel pantographs and pneumatic cylinders. Jamb extended and retracted using built-in grips.
        2. Final Closure: Telescopic Closure panel equipped with a telescopic jamb mounted to a rack and pinion mechanism and extended with a lever handle.
        3. Final Closure: ADA-compliant pivot door.
      1. Panel Construction: Provide to sizes indicated on the Drawings.
         1. Thickness: Nominal 4 inches (100 mm).
         2. Widths: Maximum 48 1/2 inches (1232 mm).
         3. Weight: 9.5 lbs per sq ft (63 kg per sq m) based on selected options.
         4. Panel Frame: Steel-reinforced mechanically fastened 6065-T5 aluminum alloy extrusions. Protective trims cover and protect all edges of the panel faces and face finish.

\*\* NOTE TO SPECIFIER \*\* Delete panel facing option not required.

* + - * 1. Panel Facing: 1/4 inch (6 mm) tempered glass panes isolated from panel frame by dual hardness PVC extrusions.
        2. Panel Facing: 1/4 inch (6 mm) laminated glass panes isolated from panel frame by dual hardness PVC extrusions.
      1. Sound Seals:
         1. Vertical Seals:

Panel Edge Seals: Dual aluminum and PVC tongue and groove interlocking seals in each panel edge.

\*\* NOTE TO SPECIFIER \*\* Delete initial deal option not required. Bulb Seal is Standard.

Initial Seal: Bulb seal.

Initial Seal: Fixed wall jamb.

* + - * 1. Horizontal Seals: Type MM.

Activation: Manually operated. Top and bottom seals extend and retract simultaneously with half a turn of a removable lever handle.

Top Seals: 1 inch (25 mm) track clearance

Bottom Seals: 1-1/2 inch (76 mm) floor clearance and 3/4 inch (19 mm) operating range. Seals retract as panels are moved.

\*\* NOTE TO SPECIFIER \*\* Delete suspension system option not required.

* + - 1. Suspension System: No. 45-T Aluminum Track.
         1. Track: 6063-T6 aluminum alloy extrusion with integral soffit trim supported by pairs of 3/8 inch (10 mm) dia. threaded rods connected to structural support, with or without optional hanger brackets.
         2. Trolley: Each panel to be supported by one trolley which includes four precision ground ball bearing wheels and nylon tires.
         3. Articulated trolley body will keep all wheels on track rolling surfaces at all times.
      2. Suspension System: No. 72 Steel Track.
         1. Track: 11 gauge roll-formed steel with integral soffit trim supported by pairs of 3/8 inch (10 mm) dia. threaded rods connected to structural support, with or without optional hanger brackets.
         2. Trolley: All panels to be supported by one trolley which includes four precision ground ball bearing wheels and steel tires.
    1. Basis of Design: Crystal 200 Series, Model 241, Top Supported Acoustical Glass Panels, as manufactured by Moderco Inc.
       1. Acoustical Performance: Acoustical rating of STC 44 as tested at an independent accredited laboratory in accordance with ASTM E 90.
       2. Maximum Ceiling Height: 12 ft 4 inches (3.76 m).
       3. Operation: Manual. Top supported, center stacking individual panels.

\*\* NOTE TO SPECIFIER \*\* Delete final closure option not required.

* + - * 1. Final Closure: Telescopic Closure panel equipped with a telescopic jamb mounted to steel pantographs and pneumatic cylinders. Jamb extended and retracted using built-in grips.
        2. Final Closure: Telescopic Closure panel equipped with a telescopic jamb mounted to a rack and pinion mechanism and extended with a lever handle. (Optional)
        3. Final Closure: ADA-compliant pivot door.
      1. Panel Construction: Provide to sizes indicated on the Drawings.
         1. Thickness: Nominal 4 inches (100 mm).
         2. Widths: Maximum 4-1/2 inches (1232 mm).
         3. Weight: 9.5 lbs per sq ft (63 kg per sq m) based on selected options.
         4. Panel Frame: Steel-reinforced mechanically fastened 6065-T5 aluminum alloy extrusions. Protective trims cover and protect all edges of the panel faces and face finish.

\*\* NOTE TO SPECIFIER \*\* Delete panel facing options not required.

* + - * 1. Panel Facing: 1/4 inch (6 mm) tempered glass panes isolated from panel frame by dual hardness PVC extrusions.
        2. Panel Facing: 1/4 inch (6 mm) laminated glass panes isolated from panel frame by dual hardness PVC extrusions.
      1. Sound Seals:
         1. Vertical Seals:

Panel Edge Seals: Dual aluminum and PVC tongue and groove interlocking seals in each panel edge.

\*\* NOTE TO SPECIFIER \*\* Delete initial seal option not required.

Initial Seal: Bulb seal.

Initial Seal: Fixed wall jamb.

\*\* NOTE TO SPECIFIER \*\* Delete horizontal seals options not required.

* + - * 1. Horizontal Seals: Type FA.

Activation: Fixed top, Bottom seals automatically retract as panels are moved.

Top Seals: 1 inch (25 mm) continuous contact multi-fingered vinyl sweeps.

Bottom Seals: 2 inch (50 mm) floor clearance and 1-1/2 inch (38 mm) operating range.

* + - * 1. Horizontal Seals: Type FM:

Activation: Manually operated. Top and bottom seals extend and retract simultaneously with half a turn of a removable lever handle.

Top Seals: 1 inch (25 mm) fixed PVC

Bottom Seals: 1-1/2 inch (38 mm) manually operated bottom seals. Bottom seals

* + - * 1. Horizontal Seals: Type MM.

Activation: Manually operated. Top and bottom seals extend and retract simultaneously with half a turn of a removable lever handle.

Top Seals: 1 inch (25 mm) track clearance

Bottom Seals: 1-1/2 inch (76 mm) floor clearance and 3/4 inch (19mm) operating range. Seals retract as panels are moved.

* + - 1. Suspension System: No. 23-T Aluminum Track.
         1. Track: 6063-T6 aluminum alloy extrusion with integral soffit trim supported by pairs of 3/8 inch (10 mm) dia. threaded rods connected to structural support, with or without optional hanger brackets.
         2. Trolley: All panels to be supported by two trolleys. Each trolley includes two counter-rotating precision ground ball bearing wheels with nylon tires.
         3. Multi-Directional Design: Trolley allows the panel to navigate through "L," "T" and "X" intersections without mechanical switching devices.
    1. Basis of Design: Crystal 200 Series, Model 242, Top Supported Acoustical Glass Panels, as manufactured by Moderco Inc.
       1. Acoustical Performance: Acoustical rating of STC 44 as tested at an independent accredited laboratory in accordance with ASTM E90.
       2. Maximum Ceiling Height: 12 ft 4 inches (3.76 m).
       3. Operation: Manual. Top supported, center stacking individual panels.

\*\* NOTE TO SPECIFIER \*\* Delete final closure options not required.

* + - * 1. Final Closure: Telescopic Closure panel equipped with a telescopic jamb mounted to steel pantographs and pneumatic cylinders. Jamb extended and retracted using built-in grips.
        2. Final Closure: Telescopic Closure panel equipped with a telescopic jamb mounted to a rack and pinion mechanism and extended with a lever handle. (Optional)
        3. Final Closure: ADA-compliant pivot door.
      1. Panel Construction: Provide to sizes indicated on the Drawings.
         1. Thickness: Nominal 4 inches (100 mm).
         2. Widths: Maximum 48 1/2 inches (1232 mm).
         3. Weight: 9.5 lbs per sq ft (63 kg per sq m) based on selected options.
         4. Panel Frame: Steel-reinforced mechanically fastened 6065-T5 aluminum alloy extrusions. Protective trims cover and protect all edges of the panel faces and face finish.

\*\* NOTE TO SPECIFIER \*\* Delete panel facing option not required.

* + - * 1. Panel Facing: 1/4 inch (6 mm) tempered glass panes isolated from panel frame by dual hardness PVC extrusions.
        2. Panel Facing: 1/4 inch (6 mm) laminated glass panes isolated from panel frame by dual hardness PVC extrusions.
      1. Sound Seals:
         1. Vertical Seals:

Panel Edge Seals: Dual aluminum and PVC tongue and groove interlocking seals in each panel edge.

\*\* NOTE TO SPECIFIER \*\* Delete initial seal option not required. Bulb seal is standard.

Initial Seal: Bulb seal.

Initial Seal: Fixed wall jamb.

* + - * 1. Horizontal Seals: Type FA.

Activation: Fixed top, Bottom seals automatically retract as panels are moved.

Top Seals: 1 inch (25 mm) continuous contact multi-fingered vinyl sweeps.

Bottom Seals: 2 inch (50 mm) floor clearance and 1-1/2 inch (38 mm) operating range.

\*\* NOTE TO SPECIFIER \*\* Delete suspension system option not required.

* + - 1. Suspension System: No. 45-T Aluminum Track.
         1. Track: 6063-T6 aluminum alloy extrusion with integral soffit trim supported by pairs of 3/8 inch (10 mm) dia. threaded rods connected to structural support, with or without optional hanger brackets.
         2. Trolley: Each panel to be supported by one trolley which includes four precision ground ball bearing wheels and nylon tires.
         3. Articulated trolley body will keep all wheels on track rolling surfaces at all times.
      2. Suspension System: No. 72 Steel Track.
         1. Track: 11 gauge roll-formed steel with integral soffit trim supported by pairs of 3/8 inch (10 mm) dia. threaded rods connected to structural support, with or without optional hanger brackets.
         2. Trolley: All panels to be supported by one trolley which includes four precision ground ball bearing wheels and nylon tires.
    1. Finishes:

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

* + - 1. Panel Finish: Clear satin anodized.
      2. Panel Finish: Powder coating, color as selected from the RAL Classic color palette.
      3. Panel Finish: Powder coating, color as specified by the Architect.

\*\* NOTE TO SPECIFIER \*\* Delete glass options not required. Clear is standard.

* + - 1. Glass: Clear.
      2. Glass: Low-iron ultra-clear.
      3. Glass: Back-painted.
      4. Glass: Mechanically textured.
      5. Glass: Chemically textured.

\*\* NOTE TO SPECIFIER \*\* Delete track and frame finish options not required. Clear Satin Anodized is not available when No. 72 Steel Track is specified.

* + - 1. Track and Frame Finish: Clear satin anodized.
      2. Track and Frame Finish: Powder coating, color as selected from the RAL Classic color palette.
      3. Track and Frame Finish: Powder coating, color as specified by the Architect.

\*\* NOTE TO SPECIFIER \*\* Delete accessories paragraph if not required or delete accessories not required.

* + 1. Accessories:
       1. Single Pass-Through Door: ADA compliant pass door of the same thickness, construction, and finish as the common panels.
          1. Flush pull on each side.
          2. Roller latch.

\*\* NOTE TO SPECIFIER \*\* The following pass-through door items are optional. Delete items not required. Exit signs and deadbolt locks may not be specified for the same door.

* + - * 1. Concealed automatic closer.
        2. Panic bar with non-lockable lever.
        3. Panic bar with lockable lever.
        4. Self-luminescent "EXIT" sign with faceplate.

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

Faceplate Color: Red.

Faceplate Color: Green.

* + - * 1. Self-luminescent "Running man" exit sign with green faceplate.
        2. Deadbolt lock.
        3. Window frame (glazing by others).
        4. Door viewer.
      1. Work Surfaces: Inset steel white dry-erase boards. On trimless panels, vertical edges of marker boards will be roll-formed.
      2. Work Surfaces: Inset porcelain white dry-erase boards.
      3. Work Surfaces: 1/4 inch (6 mm) inset natural cork tack boards.
      4. Work Surfaces: 1/4 inch (6 mm) inset linoleum tack boards.
      5. Work Surfaces: Full-width recessed chalk/marker trays.
      6. Work Surfaces: Recessed eraser boxes.
      7. Pocket Door: Signature 800 series. Acoustical pocket door.
      8. Pocket Door: Signature 800 series. Non-acoustical pocket door.

\*\* NOTE TO SPECIFIER \*\* Delete article if not required or delete basis of design paragraphs not required,

* 1. INDIVIDUAL AND PAIRED PANEL NON-acoustical OPERABLE GLASS PARTITIONS
     1. Basis of Design: Vision 100 Series, Model 121, Manually Operated Top Supported Individual Glass Panels, as manufactured by Moderco Inc.
        1. Maximum Ceiling Height: 12 ft 4 inches (3.76 m).
        2. Operation: Manual. Top supported, center stacking individual panels.

\*\* NOTE TO SPECIFIER \*\* Delete final closure options not required.

* + - * 1. Final Closure: None.
        2. Final Closure: 12 inch (305 mm) pivot panel
        3. Final Closure: 12 inch (305 mm) flap panel
        4. Final Closure: ADA-compliant pivot door.
      1. Panel Construction: Provide to sizes indicated on the Drawings.
         1. Thickness: Nominal 1-3/8 inches (35 mm).
         2. Widths: Maximum 48 inches (1220 mm).
         3. Weight: 7.5 lbs per sq ft (37 kg per sq m) based on selected options.
         4. Panel Frame: 6065-T5 aluminum alloy top and bottom rail extrusions.

\*\* NOTE TO SPECIFIER \*\* Delete glass panels option not required.

* + - * 1. Glass Panels: 1/2 inch (12 mm) tempered glass panes isolated from C-clamp Inserts by PVC extrusions.
        2. Glass Panels: 1/2 inch (12 mm) laminated glass panes isolated from C-clamp Inserts by PVC extrusions.
      1. Floor Bolts:
         1. Each lead panel of a pair to be fitted with a face-activated floor bolt to maintain the panel in place.
         2. Each trail panel of a pair to be fitted with an edge-activated floor bolt to maintain the panel in place.
         3. Between pairs, floor-bolt activation pin will act as interlocking peg with the receiver end cap of the following panel.
         4. Floor bolts will be kept in place by dust-proof floor strikes.

\*\* NOTE TO SPECIFIER \*\* Delete final panel option not required.

* + - 1. Non-lockable partitions:
         1. Each panel to be fitted with an edge-activated floor bolt to maintain the panel in place.
         2. Floor-bolt activation pin will act as interlocking peg with the receiver end cap of the following panel.
         3. Floor bolts will be kept in place by dust-proof floor strikes.
         4. Last panel to be fitted with a face-activated floor bolt.
      2. Lockable partition.
         1. Each panel to be fitted with an edge-activated floor bolt to maintain the panel in place.
         2. Floor-bolt activation pin will act as interlocking peg with the receiver end cap of the following panel.
         3. Floor bolts will be kept in place by dust-proof floor strikes.
         4. Last panel to be fitted with a face-activated.

\*\* NOTE TO SPECIFIER \*\* Delete final panel options not required.

Lockable floor bolt.

Deadbolt floor lock with one keyed cylinder and one thumb turn cylinder.

Deadbolt floor lock with two keyed cylinders.

* + - 1. Sound Seals: 3/4 inch (19 mm) brush type seals on top and bottom.

\*\* NOTE TO SPECIFIER \*\* Delete suspension system option not required.

* + - 1. Suspension System: No. 23-T Aluminum Track.
         1. Track: 6063-T6 aluminum alloy extrusion with integral soffit trim supported by pairs of 3/8 inch (10 mm) dia. Threaded rods connected to structural support, with or without optional hanger brackets.
         2. Trolley: All panels to be supported by two trolleys. Each trolley includes two counter-rotating precision ground ball bearing wheels with nylon tires.
         3. Multi-Directional Design: Trolley allows the panel to navigate through "L," "T" and "X" intersections without mechanical switching devices.
      2. Suspension System: No. 72 Steel Track.
         1. Track: 11 gauge roll-formed steel with integral soffit trim supported by pairs of 3/8 inch (10 mm) dia. Threaded rods connected to structural support, with or without optional hanger brackets.
         2. Trolley: All panels to be supported by two trolleys. Each trolley includes four precision ground ball bearing wheels with steel tires.
    1. Basis of Design: Vision 100 Series, Model 122, Manually Operated Top Supported Individual Glass Panels, as manufactured by Moderco Inc.
       1. Maximum Ceiling Height: 12 ft 4 inches (3.76 m).
       2. Operation: Manual. Top supported, center stacking individual panels.

\*\* NOTE TO SPECIFIER \*\* Delete final closure options not required.

* + - * 1. Final Closure: None.
        2. Final Closure: 12 inch (305 mm) pivot panel
        3. Final Closure: ADA-compliant pivot door.
      1. Panel Construction: Provide to sizes indicated on the Drawings.
         1. Thickness: Nominal 1-3/8 inches (35 mm).
         2. Widths: Maximum 48 inches (1220 mm).
         3. Weight: 7.5 lbs per sq. ft. (37 kg per sq m) based on selected options.
         4. Panel Frame: 6065-T5 aluminum alloy top and bottom rail extrusions.

\*\* NOTE TO SPECIFIER \*\* Delete glass panels option not required.

* + - * 1. Glass Panels: 1/2 inch (13 mm) tempered glass panes isolated from C-clamp Inserts by PVC extrusions.
        2. Glass Panels: 1/2 inch (13 mm) laminated glass panes isolated from C-clamp Inserts by PVC extrusions.

\*\* NOTE TO SPECIFIER \*\* Delete final panel option not required from the following three paragraphs.

* + - 1. Non-lockable partitions:
         1. Each panel to be fitted with an edge-activated floor bolt to maintain the panel in place.
         2. Each trail panel of a pair to be fitted with an edge-activated floor bolt to maintain the panel in place.
         3. Between pairs, floor-bolt activation pin will act as interlocking peg with the receiver end cap of the following panel.
         4. Floor bolts will be kept in place by dust-proof floor strikes.
         5. Last panel to be fitted with a face-activated floor bolt.
      2. Lockable partition.
         1. Each lead panel or a pair as well as the last panel to be fitted with a face-activated lockable floor bolt to maintain the panel in place.
         2. Each trail panel of a pair to be fitted with an edge-activated floor bolt to maintain the panel in place.
         3. Each trail panel of a pair to be fitted with an edge-activated floor bolt to maintain the panel in place.
         4. Floor bolts will be kept in place by dust-proof floor strikes.
      3. Lockable partition.
         1. Each lead panel or a pair as well as the last panel to be fitted with a face-activated lockable floor bolt to maintain the panel in place.
         2. Each trail panel of a pair to be fitted with an edge-activated floor bolt to maintain the panel in place.
         3. Between pairs, the floor-bolt activation pin will act as interlocking peg with the receiver end cap of the following panel.
         4. Floor bolts will be kept in place by dust-proof floor strikes.
         5. Deadbolts will be kept in place by floor strikes.
         6. Floor locks to be (select one

\*\* NOTE TO SPECIFIER \*\* Delete one of the following option not required.

Deadbolt floor lock with one keyed cylinder and one thumb turn cylinder.

Deadbolt floor lock with two keyed cylinders.

* + - 1. Sound Seals: 3/4 inch (19 mm) brush type seals on top and bottom.

\*\* NOTE TO SPECIFIER \*\* Delete suspension system option not required.

* + - 1. Suspension System: No. 23-T Aluminum Track.
         1. Track: 6063-T6 aluminum alloy extrusion with integral soffit trim supported by pairs of 3/8 inch (10 mm) dia. Threaded rods connected to structural support, with or without optional hanger brackets.
         2. Trolley: All panels to be supported by two trolleys. Each trolley includes two counter-rotating precision ground ball bearing wheels with nylon tires. Each panel to be supported by one trolley
      2. Suspension System: No. 72 Steel Track.
         1. Track: 11 gauge roll-formed steel with integral soffit trim supported by pairs of 3/8 inch (10 mm) dia. Threaded rods connected to structural support, with or without optional hanger brackets.
         2. Trolley: Each trolley includes four precision ground ball bearing wheels with nylon tires. Each panel to be supported by one trolley
    1. Finishes:

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

* + - 1. Horizontal Rail Finish: Clear satin anodized.
      2. Horizontal Rail Finish: Powder coating, color as selected from the RAL Classic color palette.
      3. Horizontal Rail Finish: Powder coating, color as specified by the Architect.

\*\* NOTE TO SPECIFIER \*\* Delete glass options not required. Clear is standard.

* + - 1. Glass: Clear.
      2. Glass: Low-iron ultra-clear.
      3. Glass: Back-painted.
      4. Glass: Mechanically textured.
      5. Glass: Chemically textured.

\*\* NOTE TO SPECIFIER \*\* Delete Track Finish options not required. Clear Satin Anodized is not available when No. 72 Steel Track is specified.

* + - 1. Track Finish: Clear satin anodized.
      2. Track Finish: Powder coating, color as selected from the RAL Classic color palette.
      3. Track Finish: Powder coating, color as specified by the Architect.

\*\* NOTE TO SPECIFIER \*\* Delete accessories paragraph if not required or delete accessories not required.

* + 1. Accessories:
       1. Pocket Door: Signature 800 series non-acoustical pocket door.

\*\* NOTE TO SPECIFIER \*\* Delete article if not required or delete basis of design paragraphs not required,

* 1. ACCORDION FOLDING OPERABLE PARTITIONS
     1. Basis of Design: Unifold 1500 manually operated, top supported accordion door, as manufactured by Moderco Inc.
        1. Acoustical Performance: Acoustical rating of STC 15 as tested at an independent accredited laboratory in accordance with ASTM E90.
        2. Maximum Ceiling Height: 12 ft 4 inches (3.76 m).

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

* + - 1. Configuration: Single Door.
      2. Configuration: Paired Doors.
      3. Operation: Manual. Top supported.
         1. Initial Seal: Fixed Wall Jamb.

\*\* NOTE TO SPECIFIER \*\* Delete final closure options not required.

* + - * 1. Final Closure: Fixed post fastened to wall.
        2. Final Closure: Rolling post and wall jamb.
        3. Final Closure: Rolling post and sliding panel. Stops for sliding panel at edges of the pocket provided by others.
      1. Panel Construction: Wallcovering laminated to 5-ply cardboard covers.
      2. Frame Construction: Internal frame of riveted 14 gauge steel pantographs. Door face panels linked with full height crimped 24 gauge steel channels. Posts made of 20 gauge U-shaped flanged steel channels.
         1. Thickness: Nominal 1 3/8 inches (35 mm).
         2. Widths: Maximum 48 inches (1220 mm).
         3. Weight: 2.2 lbs per sq ft (37 kg per sq m) based on selected options.
      3. Sound Seals: V-shaped lead post moulding seals. Horizontal seals not required.

\*\* NOTE TO SPECIFIER \*\* Delete suspension system option not required.

* + - 1. Suspension System: No. 15 Surface Mounted Aluminum Track.
         1. Track: Surface Mounted 6063-T6 aluminum alloy extrusion fastened to wood header by No. 10 x 2 inch (51 mm) wood screws.
         2. Trolleys: Precision ground ball bearing wheels with nylon tires. Trolleys contain four bearings at each lead, rolling and field joint post and two at each intermediate post.
      2. Suspension System: No. 40 Recessed Aluminum Track.
         1. Track: Recessed 6063-T6 aluminum alloy extrusion fastened to wood header by No. 10 x 2 inch (51 mm) wood screws.
         2. Trolleys: Precision ground ball bearing wheels with nylon tires. Trolleys contain four bearings at each lead, rolling and field joint post and two at each intermediate post.
    1. Basis of Design: Unifold 3100 manually operated, top supported accordion door, as manufactured by Moderco Inc.
       1. Acoustical Performance: Acoustical rating of STC 31 as tested at an independent accredited laboratory in accordance with ASTM E 90.
       2. Maximum Ceiling Height: 12 ft 4 inches (3.76 m).

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

* + - 1. Configuration: Single Door.
      2. Configuration: Paired Doors.
      3. Operation: Manual. Top supported.
         1. Initial Seal: Fixed Wall Jamb.

\*\* NOTE TO SPECIFIER \*\* Delete final closure options not required.

* + - * 1. Final Closure: Fixed post fastened to wall.
        2. Final Closure: Rolling post and wall jamb.
        3. Final Closure: Rolling post and sliding panel. Stops for sliding panel at edges of the pocket provided by others.
      1. Panel Construction: Wallcovering laminated to 5-ply cardboard covers.
      2. Frame Construction: Internal frame of riveted 14 gauge steel pantographs. Door face panels linked with full height crimped 24 gauge steel channels. Posts made of 20 gauge U-shaped flanged steel channels.
         1. Thickness: Nominal 1-3/8 inches (35 mm).
         2. Widths: Maximum 48 inches (1220 mm).
         3. Weight: 2.8 lbs per sq ft (13.7 kg per sq m) based on selected options.
      3. Sound Seals:
         1. Vertical Seals: V-shaped lead post moulding.
         2. Horizontal Seals: Vinyl and felt sweeps. 1/2 inch (13 mm) at top and 1-1/2 inch (38 mm) at bottom.
      4. Suspension System: No. 40 Recessed Aluminum Track.
         1. Track: Recessed 6063-T6 aluminum alloy extrusion fastened to wood header by No. 10 x 2 inch (51 mm) wood screws.
         2. Trolleys: Precision ground ball bearing wheels with nylon tires. Trolleys contain four bearings at each lead, rolling and field joint post and two at each intermediate post.
    1. Basis of Design: Unifold 3500 manually operated, top supported accordion door, as manufactured by Moderco Inc.
       1. Acoustical Performance: Acoustical rating of STC 35 as tested at an independent accredited laboratory in accordance with ASTM E90.
       2. Maximum Ceiling Height: 12 ft 4 inches (3.76 m).

\*\* NOTE TO SPECIFIER \*\* Delete configuration option not required.

* + - 1. Configuration: Single Door.
      2. Configuration: Paired Doors.
      3. Operation: Manual. Top supported.
         1. Initial Seal: Fixed Wall Jamb.

\*\* NOTE TO SPECIFIER \*\* Delete final closure options not required.

* + - * 1. Final Closure: Fixed post fastened to wall.
        2. Final Closure: Rolling post and wall jamb.
        3. Final Closure: Rolling post and sliding panel. Stops for sliding panel at edges of the pocket provided by others.
      1. Panel Construction: Wallcovering laminated to 5-ply cardboard covers. Fiber glass acoustical insulation blanket laminated inside covers.
      2. Frame Construction: Internal frame of riveted 14 gauge steel pantographs. Door face panels linked with full height crimped 24 gauge steel channels. Posts made of 20 gauge U-shaped flanged steel channels.
         1. Thickness: Nominal 1-3/8 inches (35 mm).
         2. Widths: Maximum 48 inches (1220 mm).
         3. Weight: 3.2 lbs per sq ft (15.7 kg per sq m) based on selected options.
      3. Sound Seals:
         1. Vertical Seals: V-shaped lead post moulding.
         2. Horizontal Seals: Vinyl and felt sweeps. 1/2 inch (13 mm) at top and 1-1/2 inch (38mm) at bottom.
      4. Suspension System: No. 40 Recessed Aluminum Track.
         1. Track: Recessed 6063-T6 aluminum alloy extrusion fastened to wood header by No. 10 x 2 inch (51 mm) wood screws.
         2. Trolleys: Precision ground ball bearing wheels with nylon tires. Trolleys contain four bearings at each lead, rolling and field joint post and two at each intermediate post.
    1. Basis of Design: Unifold 4000 manually operated, top supported accordion door, as manufactured by Moderco Inc.
       1. Acoustical Performance: Acoustical rating of STC 40 as tested at an independent accredited laboratory in accordance with ASTM E90.
       2. Maximum Ceiling Height: 12 ft 4 inches (3.76 m).

\*\* NOTE TO SPECIFIER \*\* Delete configuration option not required.

* + - 1. Configuration: Single Door.
      2. Configuration: Paired Doors.
      3. Operation: Manual. Top supported.
         1. Initial Seal: Fixed Wall Jamb.

\*\* NOTE TO SPECIFIER \*\* Delete final closure options not required.

* + - * 1. Final Closure: Fixed post fastened to wall.
        2. Final Closure: Rolling post and wall jamb.
        3. Final Closure: Rolling post and sliding panel. Stops for sliding panel at edges of the pocket provided by others.
      1. Panel Construction: Wallcovering laminated to 5-ply cardboard covers with steel liners.
      2. Frame Construction: Internal frame of riveted 14 gauge steel pantographs. Door face panels linked with full height crimped 24 gauge steel channels. Posts made of 20 gauge U-shaped flanged steel channels.
         1. Thickness: Nominal 1-3/8 inches (35 mm).
         2. Widths: Maximum 48 inches (1220 mm).
         3. Weight: 5.9 lbs per sq ft (28.9 kg per sq m) based on selected options.
      3. Sound Seals:
         1. Vertical Seals: V-shaped lead post moulding.
         2. Horizontal Seals: Vinyl and felt sweeps. 1/2 inch (13 mm) at top and 1-1/2 inch (38mm) at bottom.
      4. Suspension System: No. 40 Recessed Aluminum Track.
         1. Track: Recessed 6063-T6 aluminum alloy extrusion fastened to wood header by No. 10 x 2 inch (51 mm) wood screws.
         2. Trolleys: Precision ground ball bearing wheels with nylon tires. Trolleys contain four bearings at each lead, rolling and field joint post and two at each intermediate post.
    1. Basis of Design: Unifold 4400 manually operated, top supported accordion door, as manufactured by Moderco Inc.
       1. Acoustical Performance: Acoustical rating of STC 44 as tested at an independent accredited laboratory in accordance with ASTM E 90.
       2. Maximum Ceiling Height: 12 ft 4 inches (3.76 m).

\*\* NOTE TO SPECIFIER \*\* Delete configuration option not required.

* + - 1. Configuration: Single Door.
      2. Configuration: Paired Doors.
      3. Operation: Manual. Top supported.
         1. Initial Seal: Fixed Wall Jamb.

\*\* NOTE TO SPECIFIER \*\* Delete final closure options not required.

* + - * 1. Final Closure: Fixed post fastened to wall.
        2. Final Closure: Rolling post and wall jamb.
        3. Final Closure: Rolling post and sliding panel. Stops for sliding panel at edges of the pocket provided by others.
      1. Panel Construction: Wallcovering laminated to 5-ply cardboard covers with steel liners. Fiber glass acoustical insulation blanket laminated inside covers.
      2. Frame Construction: Internal frame of riveted 14 gauge steel pantographs. Door face panels linked with full height crimped 24 gauge steel channels. Posts made of 20 gauge U-shaped flanged steel channels.
         1. Thickness: Nominal 1-3/8 inches (35 mm).
         2. Widths: Maximum 48 inches (1220 mm).
         3. Weight: 7.6 lbs per sq ft (37.1 kg per sq m) based on selected options.
      3. Sound Seals:
         1. Vertical Seals: V-shaped lead post moulding.
         2. Horizontal Seals: Vinyl and felt sweeps. 1/2 inch (13 mm) at top and 1-1/2 inch (38 mm) at bottom.
      4. Suspension System: No. 40 Recessed Aluminum Track.
         1. Track: Recessed 6063-T6 aluminum alloy extrusion fastened to wood header by No. 10 x 2 inch (51 mm) wood screws.
         2. Trolleys: Precision ground ball bearing wheels with nylon tires. Trolleys contain four bearings at each lead, rolling and field joint post and two at each intermediate post.
    1. Finishes:

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

* + - 1. Face Finish: Vinyl - Factory applied Class A reinforced vinyl wallcovering with woven backing, weighing 21 oz per lineal yard (545 gram per lineal m). Color selected from manufacturer's standard color selector.
      2. Face Finish: Fabric - Factory applied Class A polyester or olefin/polyester stain-resistant fabric. Color selected from manufacturer's standard color selector.
      3. Face Finish: Carpet - Factory applied Class A vertically ribbed polyester
      4. Face Finish: Custom material as selected by the Architect.
      5. Aluminum Components Finish: Clear satin anodized.
      6. Track Finish: Paint, color as specified by the Architect.

\*\* NOTE TO SPECIFIER \*\* Delete accessories paragraph if not required or delete accessories not required.

* + 1. Accessories:
       1. Lock: Deadbolt with one keyed cylinder and one thumb turn cylinder.
       2. Lock: Deadbolt with two keyed cylinders.
       3. Lead Post: Two-way post at lead end of one door section for L-shaped configuration.
       4. Lead Post: Three-way post at lead end of one door section for T-shaped configuration.
       5. Lead Post: Four-way post at lead end of one door section for X-shaped configuration.
       6. Independent Rolling Post: Three-way rolling post equipped with three wall jambs, one lead trolley and a floor bolt for T-shaped configuration. Allows use of any two out of three door sections
       7. Independent Rolling Post: Four-way rolling post equipped with four wall jambs, one lead trolley and a floor bolt for X-shaped configuration. Allows use of any two out of four door sections.
       8. Segmented track along radius:
          1. No. 40 track and soffit.
          2. Up to 90 degrees.
          3. Minimum 42 inch (1067 mm) radius.

\*\* NOTE TO SPECIFIER \*\* Glide Switch is optional. Delete if not required.

* + - * 1. Glide Switch: Mechanically activated track switch allows stacking of door away from main track.

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.
         1. add other items such as tolerances if applicable; do not include step-by-step installation instructions
   4. FIELD QUALITY CONTROL
      1. Field Inspection: Coordinate field inspection in accordance with appropriate sections in Division 01.

\*\* NOTE TO SPECIFIER \*\* Include if manufacturer provides field quality control with onsite personnel for instruction or supervision of product installation, application, erection, or construction. Delete if not required.

* + 1. Manufacturer's Services: Coordinate manufacturer's services in accordance with appropriate sections in Division 01.
  1. CLEANING AND PROTECTION
     1. Clean products in accordance with the manufacturers recommendations.
     2. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION