SECTION 10 22 26

OPERABLE PARTITIONS

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\*\* NOTE TO SPECIFIER \*\* Modernfold, Inc., operable and folding partitions.  
This section is based on the products of Modernfold, Inc., which is located at:  
215 W. New Road  
Greenfield, IN 46140  
Toll Free: (800) 869-9685  
Tel: (317) 468-6700  
Email: info@modernfold.com  
Web: https://www.modernfold.com/en-US#  
[click Here] for additional information.  
Modernfold, the industry leader for the movable wall segment, offers a range of products that involve cutting-edge technology and completely automated systems. Our products allow customers to rearrange an entire room's configuration with a simple push of a button. With automated panel systems and striking glass wall systems, we bring innovation, creativity, and vision to interior architectural design. Modernfold delivers the highest-quality, custom wall solutions from start to finish. Where others see only space, we see possibilities. Modernfold, a dormakaba Group company, provides innovative, reliable access and security as well as space division solutions in hotels, shops, sports facilities, airports, at home and in the office.

1. GENERAL
   1. SECTION INCLUDES

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

* + 1. Operable Partitions
       1. Single panel partitions, 3 inch (76 mm) thick panels. (931 Premier) (931 Legacy)
       2. Single panel partitions, 4 inch (108 mm) thick panels. (Encore) (Encore Flex)
       3. Single panel partitions, fire-rated. (911 Legacy)
       4. Paired panel partitions, 3 inch (76 mm) thick panels. (932 Premier) (932 Legacy)
       5. Paired panel partitions, 4 inch (102 mm) thick panels. (Encore)
       6. Paired panel partitions, fire-rated. (912 Legacy)
       7. Continuously hinged panel partitions, electric operation. (933 Premier) (933E Legacy)
       8. Continuously hinged panel partitions, electric operation. (Encore 20) (Encore 14 or 30)
       9. Accordion folding doors. (Soundmaster) (Modernfold)
       10. Truss system.
       11. Partition operation automation. (Presto Automation)
  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 concrete tolerances required.
    2. Section 05 50 00 - Metal Fabrications primary structural support, including pre punching of support members by steel supplier in accordance with template supplied by operable partition supplier's template.
    3. Section 06 10 00 - Rough Carpentry wood framing and supports and blocking at head and jambs as required.
    4. Section 09 21 16.33 - Gypsum Board Area Separation Wall Assemblies metal framing and gypsum board wall systems adjacent to operable partitions, including blocking and insulation.
    5. Section 09 21 16.33 - Gypsum Board Area Separation Wall Assemblies wall and ceiling framing at head and jambs.
  1. SUBMITTALS
     1. Submit under provisions of Section 01 30 00 - Administrative Requirements.
     2. Product Data: Material descriptions, construction details, finishes, installation details, and operating instructions for each type of operable partition, component, and accessory.
     3. Shop Drawings: Location and extent of operable partitions. Plans, elevations, sections, details, attachments to other construction, and accessories. Dimensions, weights, conditions at openings, and at storage areas, and required installation, storage, and operating clearances. Location and installation requirements for hardware and track, including floor tolerances required and direction of travel. Blocking provided by others.
     4. Setting Drawings: Show imbedded items and cutouts required in other work, including support beam punching template.
     5. Samples: Color samples demonstrating full range of finishes available. Verification samples shall be available in same thickness and material indicated for the work.
     6. Manufacturer's Certificates: Certify products meet or exceed specified requirements.
     7. Closeout Submittals: Provide manufacturer's maintenance instructions that include recommendations for periodic checking and maintenance of all components.
  2. QUALITY ASSURANCE
     1. Installer Qualifications: Experienced installer, certified 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.
     2. Acoustical Performance: Test operable partitions in accordance with ASTM E 90 test procedure to attain no less than the STC rating specified. Provide a complete and unedited written test report by the testing laboratory upon request.
     3. Preparation of Opening: Conform to ASTM E 557.
  3. DELIVERY, STORAGE, AND HANDLING
     1. Clearly mark packages and panels with numbering systems used on Shop Drawings. Do not use permanent markings on panels.
     2. Protect panels during delivery, storage, and handling to comply with manufacturer's instructions and as required to prevent damage.
  4. WARRANTY
     1. Provide operable partition manufacturer's written warranty agreeing to repair or replace components with manufacturing defects for a period of two years.

1. PRODUCTS
   1. MANUFACTURERS
      1. Acceptable Manufacturer: Modernfold, Inc., which is located at: 215 W. New Rd.; Greenfield, IN 46140; Toll Free Tel: 800-869-9685; Tel: 317-468-6700; Fax: 866-410-5016; Email: [request info (info@modernfold.com)](https://admin.arcat.com/users.pl?action=UserEmail&company=Modernfold,+Inc.&coid=34277&rep=&fax=866-410-5016&message=RE:%20Spec%20Question%20(10650mod):%20%20&mf=); Web: <https://www.modernfold.com/en-US#>

\*\* 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.

* 1. SINGLE PANEL PARTITIONS, THREE INCH (76 MM) THICK PANELS (931 PREMIER)
     1. Product: Acousti-Seal Premier Single Panel (931) Operable Partition by Modernfold, Inc. Series of individual flat panels, manually operated, top supported with operable floor seals.

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

* + - 1. Final Closure: Horizontally expanding panel edge with removable crank.
      2. Final Closure: Dual horizontally expanding panel edges with removable crank.
      3. Final Closure: Hinged panel closure.
      4. Final Closure: Enclose.
    1. Panel Construction: 3 inch (76 mm) thick. Width: 48 inch (1220 mm) standard widths.
       1. Horizontal/Vertical Framing: 18 gage formed steel. Overlapped and welded corners.
       2. Top Channel: Reinforced to support suspension system.
       3. Full Vertical Panel Edges: Formed steel for concealed protection of panel skin edges.

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

* + - 1. Panel Skin: 1/2 inch (13 mm) tackable 100 percent recycled gypsum board, class "A" rated single material or composite layers continuously bonded to panel frame.
         1. Acoustical ratings of panels with this construction:

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

STC: 28. 6 lbs per sq ft panel weight.

STC: 47. 7 lbs per sq ft panel weight.

STC: 50. 8 lbs per sq ft panel weight.

* + - 1. Panel Skin: 1/2 inch (13 mm) NAUF medium density fiberboard, single material or composite layers continuously bonded to panel frame.
         1. Acoustical ratings of panels with this construction:

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

STC: 28. 6 lbs per sq ft panel weight.

STC: 47. 7 lbs per sq ft panel weight.

STC: 50. 8 lbs per sq ft panel weight.

* + - 1. Panel Trim: No vertical trim on edges of panels. Minimal groove at panel joints.
      2. Hinges for Closure Panels, Pass Doors, and Pocket Doors: Full leaf butt hinges, attached to panel frame with welded hinge anchor plates within panel to support hinge mounting to frame. Lifetime hinge warranty.

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

* + - 1. Panel Face Finish: Reinforced vinyl with woven backing weighing not less than 21 ounces (595 g) per lineal yard.
      2. Panel Face Finish: Reinforced heavy-duty vinyl with woven backing weighing not less than 30 ounces (850 g) per lineal yard.
      3. Panel Face Finish: Acoustical, non-woven needle punch carpet, with fused fibers to prevent unraveling or fray of material.
      4. Panel Face Finish: Wall covering and upholstery fabricwith surface treatment to resist stains.
      5. Panel Face Finish: Customer's own material (subject to factory approval).
      6. Panel Face Finish: Full height steel markerboard work surface.
      7. Panel Face Finish: Full height 1/4-inch (6.35 mm) natural cork tackboard with vinyl or fabric covering.
      8. Panel Face Finish: High pressure plastic laminate on MDF board.
      9. Panel Face Finish: Wood veneer on MDF board.
      10. Panel Face Finish: Uncovered for field finishing.

\*\* NOTE TO SPECIFIER \*\* Delete exposed panel trim options not required.

* + - 1. Exposed Panel Trim Color: Dark Bronze.
      2. Exposed Panel Trim Color: Smoke Gray
      3. Exposed Panel Trim Color: Natural Choice
    1. Sound Seals:
       1. Vertical Interlocking Sound Seals between panels: Roll-formed steel astragals, with reversible tongue and groove configuration in each panel edge for universal panel operation.
       2. Horizontal Top Seals: Continuous contact extruded vinyl bulb shape with pairs of non-contacting vinyl fingers. Prevents distortion without mechanically operated parts.

\*\* NOTE TO SPECIFIER \*\* Delete horizontal bottom seals option not required.

* + - 1. Horizontal Bottom Seals: A2. Automatic operable seals drop as panels are positioned, without for tools or cranks. Operating Clearance: 2 inch (51 mm). Operating Range: Plus 1/2 inch (13 mm) to minus 1-1/2 inch (38 mm).
      2. Horizontal Bottom Seals: SM2. Manually activated seals operable from panel edge or face. Operating Clearance: 2 inch (51 mm). Operating Range: Plus 1/2 inch (13 mm) to minus 1-1/2 inch (38 mm). Exerts 120 lbs (265 kg) downward force to floor.
    1. Suspension System:

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

* + - 1. No. 17 Suspension System: Suspension Tracks: 0.12 inch (3 mm) roll-formed steel track. Direct mounted to wood headers or supported by adjustable steel hangers, supporting the track load-bearing surface. Connected to structural supports by pairs of 3/8 inch (9.5 mm) diameter threaded rods.
         1. Exposed Track Soffit: Steel, integral to track, and pre-painted off-white.
         2. Right Angle Turn Carriers: Two carriers of low-friction polymer, reinforced with steel, permitting panels to traverse L, T, and X intersections without mechanical switching, on all panels except hinged closure panels.
         3. "SmartTrack" Carriers: Two all-steel trolleys with steel-tired ball bearing wheels. Suspension system provides automatic indexing of panels into stack area using preprogrammed trolleys and switches without electrical, pneumatic, or mechanical activation.
         4. Warranty period: Five (5) years.
      2. No. 14 Suspension System: "Smart Track:" Suspension Tracks: 0.18 inch (5 mm) roll formed steel supported by adjustable steel hanger brackets connected to structural support by pairs of 1/2 inch (13 mm) diameter threaded rods. Brackets must support the load bearing surface of the track.
         1. Exposed Track Soffit: Steel, removable for service and maintenance, attached to track bracket without exposed fasteners, and pre-painted off-white.
         2. Carriers: Two all-steel trolleys with steel-tired ball bearing wheels. Suspension system provides automatic indexing of panels into stack area using trolleys and preprogrammed switches. No electrical, pneumatic, or mechanical activation.
         3. Warranty period: Twenty (20) years.
      3. RT100 Suspension System: Multi-Directional. Suspension Tracks: Heat-treated extruded aluminum supported by pairs of 3/8 inch (9.5 mm) diameter threaded rods.
         1. Exposed Track Soffit: Integral to track shape and powder-coated off-white. Track accommodates plenum sound barrier terminations on both sides of track.
         2. Carriers: Horizontal counter-rotating wheels with heavy duty steel thrust bearings. Panels traverse L, T, or X intersections without mechanical switching.
         3. Warranty period: Two (2) years.
      4. RT200 Suspension System: Multi-Directional. Suspension Tracks: Heat-treated extruded aluminum supported by pairs of 3/8 inch (9.5 mm) diameter threaded rods.
         1. Exposed Track Soffit: Integral to track shape and powder-coated off-white. Track accommodates plenum sound barrier terminations on both sides of track.
         2. Carriers: Horizontal counter-rotating wheels with heavy duty steel thrust bearings. Panels traverse L, T, or X intersections without mechanical switching.
         3. Warranty period: Two (2) years.
      5. Modernfold Truss System: Prefabricated, self-supporting header system for support of operable partitions.

\*\* NOTE TO SPECIFIER \*\* The following items are optional Delete items not required.

* + 1. Single Pass Doors: Matching thickness and appearance of panels. ADA-compliant equipped with friction latch and flush pulls for panic operation. No threshold.
    2. Double Pass Doors: Matching thickness and appearance of panels. Center post is not permitted. Active Leaf: Trimless. Equipped with friction latch and flush pulls for panic operation. No threshold.
    3. Hardware:

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

* + - 1. Hand pull with push plate.
      2. Lever handles both sides of door
      3. Panic hardware with or without locking lever handle.
      4. Automatic door closer.
      5. Door viewer.
      6. Self-Illuminated Chemical exit sign. Recess mount.
      7. Self-Illuminated Chemical exit sign. Surface mount.
      8. Self-Illuminated Photo luminescent exit sign. Surface mount.
    1. Work Surface Markerboard: White enamel on steel, bonded to face of panel with horizontal trim without exposed fasteners. Trim is not acceptable on vertical edges.
    2. Work Surface Tackboard: 1/4 inch (6.35 mm) natural cork, covered with vinyl or fabric, with horizontal trim without exposed fasteners. Trim is not acceptable on vertical edges.
    3. Pocket Doors: Acousti-Seal Pocket Doors by Modernfold, Inc. Same finish and appearance as adjacent panels.
    4. Accessories:

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

* + - 1. Finished End Caps: 90 degrees.
      2. Finished End Caps: 135 degrees.
      3. Intersecting partition interface.
      4. Window Frame: Aluminum window frame, glazed or unglazed.
      5. Window Frame: Wood window frame, glazed or unglazed.
      6. Inset Window Glazing: Clear Tempered Glass: 1/4 inch. Aluminum frame.
      7. Inset Window Glazing: Clear Tempered Glass: 1/4 inch. Wood frame.
      8. Inset Window Glazing: Low Iron Tempered Glass: 1/4 inch. Aluminum frame.
      9. Inset Window Glazing: Low Iron Tempered Glass: 1/4 inch. Wood frame.
      10. Inset Window Glazing: Lexan: 1/4 inch. Aluminum frame.
      11. Inset Window Glazing: Clear Tempered Glass: 1/2 inch. Wood frame.
      12. Inset Window Glazing: Low Iron Tempered Glass: 1/2 inch. Wood frame.
      13. Inset Window Glazing: Insulated Glass: 1 inch. Wood frame.

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

* 1. SINGLE PANEL PARTITIONS, THREE INCH (76 MM) THICK PANELS (931 LEGACY)
     1. Product: Acousti-Seal Legacy Single Panel (931) Operable Partition by Modernfold, Inc. Series of individual flat panels, manually operated, top supported with operable floor seals.

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

* + - 1. Final Closure: Horizontally expanding panel edge with removable crank.
      2. Final Closure: Dual horizontally expanding panel edges with removable crank.
      3. Final Closure: Hinged panel closure.
      4. Final Closure: Enclose.
    1. Panel Construction: 3 inch (76mm) thick. Width: 48 inch (1220 mm) standard widths.
       1. Horizontal/Vertical Framing: 18 gage formed steel. Overlapped and welded corners.
       2. Top Channel: Reinforced to support suspension system.
       3. Full Vertical Panel Edges: Formed steel for concealed protection of panel skin edges.

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

* + - 1. Panel Skin: Roll-formed21-gage steelwrapping around panel edge. Lock formed and welded directly to frame.
         1. Acoustical ratings of panels with this construction:

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

STC: 28. 6 lbs per sq ft.

STC: 50. 8 lbs per sq ft.

STC: 52. 11 lbs per sq ft.

* + - 1. Panel Skin: Roll-formed 21-gage Micro-perforated steel wrapping around panel edge on 50 percent of panel faces manufactured with sound absorptive backing. Skins to be lock formed and welded directly to frame.
         1. Acoustical ratings of panels with this construction: STC: 45. (net with NRC construction).
         2. NRC: 0.65 with wall covering and upholstery fabric or non-woven needle punch carpet covering.
      2. Hinges for Closure Panels, Pass Doors, and Pocket Doors:

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

* + - * 1. Full leaf butt hinges, attached to panel frame with welded hinge anchor plates within panel to support hinge mounting to frame. Lifetime hinge warranty.
        2. SOSS Invisible Laminated Hinge: Antifriction segments mounted between each heat-treated link. Hinge is attached directly to panel frame. Welded internal hinge bracket supports hinge and allows for hinge plate adjustment.
      1. Panel Trim: No vertical trim edges of panels, Minimal groove at panel joints.

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

* + - 1. Panel Face Finish: Reinforced vinyl with woven backing weighing not less than 21 ounces (595 g) per lineal yard.
      2. Panel Face Finish: Reinforced heavy-duty vinyl with woven backing weighing not less than 30 ounces (850 g) per lineal yard.
      3. Panel Face Finish: Acoustical, non-woven needle punch carpet, with fused fibers to prevent unraveling or fray of material.
      4. Panel Face Finish: Wall covering and upholstery fabric with surface treatment to resist stains.
      5. Panel Face Finish: Customer's own material (subject to factory approval).
      6. Panel Face Finish: Full height steel markerboard work surface.
      7. Panel Face Finish: Full height 1/4-inch (6.35 mm) natural cork tackboard with vinyl or fabric covering.
      8. Panel Face Finish: Uncovered for field finishing.
      9. Panel Face Finish: Primed for field finishing.

\*\* NOTE TO SPECIFIER \*\* Delete exposed panel trim options not required.

* + - 1. Exposed Panel Trim Color: Dark Bronze.
      2. Exposed Panel Trim Color: Smoke Gray
      3. Exposed Panel Trim Color: Natural Choice
    1. Sound Seals:
       1. Vertical Interlocking Sound Seals between panels: Roll-formed steel astragals, with reversible tongue and groove configuration in each panel edge for universal panel operation.
       2. Horizontal Top Seals: Continuous contact extruded vinyl bulb shape with pairs of non-contacting vinyl fingers. Prevents distortion without mechanically operated parts.

\*\* NOTE TO SPECIFIER \*\* Delete horizontal bottom seals option not required.

* + - 1. Horizontal Bottom Seals: A2. Automatic operable seals drop as panels are positioned, without tools or cranks. Operating Clearance: 2 inch (51 mm). Operating Range: Plus 1/2 inch (13 mm) to minus 1-1/2 inch (38 mm).
      2. Horizontal Bottom Seals: SM2. Manually activated seals operable from panel edge or face. Operating Clearance: 2 inch (51 mm). Operating Range: Plus 1/2 inch (13 mm) to minus 1-1/2 inch (38 mm). Exerts 120 lbs (265 kg) downward force to floor.
      3. Horizontal Bottom Seals: SM4. Manually activated operable from panel edge or face. Operating Clearance: 4 inch (102 mm) Operating Range: Plus 1/2 inch (13 mm) to minus 3-1/2-inch (89 mm). Exerts 120 pounds (265 kg) downward force to floor.
    1. Suspension System:

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

* + - 1. No. 17 Suspension System: Suspension Tracks: 0.12 inch (3 mm) roll-formed steel track. Direct mounted to wood headers or supported by adjustable steel hangers, supporting the track load-bearing surface. Connected to structural supports by pairs of 3/8 inch (9.5 mm) diameter threaded rods.
         1. Exposed Track Soffit: Steel, integral to track, and pre-painted off-white.
         2. Right Angle Turn Carriers: Two carriers of low-friction polymer, reinforced with steel, permitting panels to traverse L, T, and X intersections without mechanical switching, on all panels except hinged closure panels.
         3. "Smart Track" Carriers: Two all-steel trolleys with steel-tired ball bearing wheels. Suspension system provides automatic indexing of panels into stack area using preprogrammed trolleys and switches without electrical, pneumatic, or mechanical activation.
         4. Warranty period: Five (5) years.
      2. No. 14 Suspension System: "Smart Track:" Suspension Tracks: 0.18 inch (5 mm) roll formed steel supported by adjustable steel hanger brackets connected to structural support by pairs of 1/2 inch (13 mm) diameter threaded rods. Brackets must support the load bearing surface of the track.
         1. Exposed Track Soffit: Steel, removable for service and maintenance, attached to track bracket without exposed fasteners, and pre-painted off-white.
         2. Carriers: Two all-steel trolleys with steel-tired ball bearing wheels. Suspension system provides automatic indexing of panels into stack area using trolleys and preprogrammed switches. No electrical, pneumatic, or mechanical activation.
         3. Warranty period: Twenty (20) years.
      3. RT100 Suspension System: Multi-Directional. Suspension Tracks: Heat-treated extruded aluminum supported by pairs of 3/8 inch (9.5 mm) diameter threaded rods.
         1. Exposed Track Soffit: Integral to track shape and powder-coated off-white. Track accommodates plenum sound barrier terminations on both sides of track.
         2. Carriers: Horizontal counter-rotating wheels with heavy duty steel thrust bearings. Panels traverse L, T, or X intersections without mechanical switching.
         3. Warranty period: Two (2) years.
      4. RT200 Suspension System: Multi-Directional. Suspension Tracks: Heat-treated extruded aluminum supported by pairs of 3/8 inch (9.5 mm) diameter threaded rods.
         1. Exposed Track Soffit: Integral to track shape and powder-coated off-white. Track accommodates plenum sound barrier terminations on both sides of track.
         2. Carriers: Horizontal counter-rotating wheels with heavy duty steel thrust bearings. Panels traverse L, T, or X intersections without mechanical switching.
         3. Warranty period: Two (2) years.
      5. Modernfold Truss System: Prefabricated, self-supporting header system for support of operable partitions.

\*\* NOTE TO SPECIFIER \*\* The following items are optional Delete items not required.

* + 1. Single Pass Doors: Matching thickness and appearance of panels. ADA-compliant equipped with friction latch and flush pulls for panic operation. No threshold.
    2. Double Pass Doors: Matching thickness and appearance of panels. Center post is not permitted. Active Leaf: Trimless. Equipped with friction latch and flush pulls for panic operation. No threshold.
    3. Hardware:

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

* + - 1. Hand pull with push plate.
      2. Lever handles both sides of door
      3. Panic hardware with or without locking lever handle.
      4. Automatic door closer.
      5. Door viewer.
      6. Self-Illuminated Chemical exit sign. Recess mount.
      7. Self-Illuminated Chemical exit sign. Surface mount.
      8. Self-Illuminated Photo luminescent exit sign. Surface mount.
    1. Work Surface Markerboard: White enamel on steel, bonded to face of panel with horizontal trim without exposed fasteners. Trim is not acceptable on vertical edges.
    2. Work Surface Tackboard: 1/4 inch (6.35 mm) natural cork, covered with vinyl or fabric, with horizontal trim without exposed fasteners. Trim is not acceptable on vertical edges.
    3. Pocket Doors: Acousti-Seal Pocket Doors by Modernfold, Inc. Same finish and appearance as adjacent panels.
    4. Accessories:

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

* + - 1. Finished End Caps: 90 degrees.
      2. Finished End Caps: 135 degrees.
      3. Intersecting partition interface.
      4. Window Frame: Aluminum, glazed.
      5. Window Frame: Aluminum, unglazed.
      6. Window Frame: Wood, glazed.
      7. Window Frame: Wood, unglazed.
      8. Inset Window Glazing: Clear Tempered Glass: 1/4 inch. Aluminum frame.
      9. Inset Window Glazing: Clear Tempered Glass: 1/4 inch. Wood frame.
      10. Inset Window Glazing: Low Iron Tempered Glass: 1/4 inch. Aluminum frame.
      11. Inset Window Glazing: Low Iron Tempered Glass: 1/4 inch. Wood frame.
      12. Inset Window Glazing: Lexan: 1/4 inch. Aluminum frame.
      13. Inset Window Glazing: Clear Tempered Glass: 1/2 inch. Wood frame.
      14. Inset Window Glazing: Low Iron Tempered Glass: 1/2 inch. Wood frame.
      15. Inset Window Glazing: Insulated Glass: 1 inch. Wood frame.

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

* 1. SINGLE PANEL PARTITIONS, FOUR INCH (108 MM) THICK PANELS (ENCORE)
     1. Product: Acousti-Seal Encore Single Panel Operable Partitions by Modernfold, Inc. A series of individual flat panels, manually operated, top supported with operable floor seals and automatic top seals.
        1. Final Closure: Horizontally expanding panel edge with removable crank
     2. Panel Construction: 4-1/4 inch (108 mm) thick, Width: 51 inch (1295 mm) standard widths.
        1. Horizontal/Vertical Framing: 16 gage formed steel. Overlapped and welded corners.
        2. Top Channel: Reinforced to support suspension system.
        3. Full Vertical Panel Edges: Formed steel for concealed protection of panel skin edges.
        4. Panel Skin: Roll-formed steel wrapping around panel edge, lock formed and welded to frame for unitized construction. Acoustical ratings of panels with this construction

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

* + - * 1. STC: 52. 21-gagesteel. 8.2 lbs per sq ft.
        2. STC: 54. 21-gage steel. 9.5 lbs per sq ft.
        3. STC: 56. 16-gage steel. 11.9 lbs per sq ft.
      1. Hinges for Pass Doors, and Pocket Doors:

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

* + - * 1. Full leaf butt hinges, attached to panel frame with welded hinge anchor plates within panel to support hinge mounting to frame. Lifetime hinge warranty.
        2. SOSS Invisible Laminated Hinge: Antifriction segments mounted between each heat-treated link. Hinge is attached directly to panel frame. Welded internal hinge bracket supports hinge and allows for hinge plate adjustment.
      1. Panel Trim: No trim on edges of panels. Minimal groove appearance at panel joints.

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

* + - 1. Panel Face Finish: Reinforced vinyl with woven backing weighing not less than 21 ounces (595 g) per lineal yard.
      2. Panel Face Finish: Reinforced heavy-duty vinyl with woven backing weighing not less than 30 ounces (850 g) per lineal yard.
      3. Panel Face Finish: Acoustical, non-woven needle punch carpet, with fused fibers to prevent unraveling or fray of material.
      4. Panel Face Finish: Wall covering and upholstery fabric with surface treatment to resist stains.
      5. Panel Face Finish: Customer's own material (subject to factory approval).
      6. Panel Face Finish: Full height steel markerboard work surface.
      7. Panel Face Finish: Full height 1/4-inch (6.35 mm) natural cork tackboard with vinyl or fabric covering.
      8. Panel Face Finish: Uncovered for field finishing.
      9. Panel Face Finish: Primed for field finishing.

\*\* NOTE TO SPECIFIER \*\* Delete exposed panel trim options not required.

* + - 1. Exposed Panel Trim Color: Dark Bronze.
      2. Exposed Panel Trim Color: Smoke Gray
      3. Exposed Panel Trim Color: Natural Choice
    1. Sound Seals:
       1. Vertical Interlocking Sound Seals between panels: Roll-formed steel astragals, with tongue and groove configuration in each panel edge.
       2. Horizontal Top Seals: Modernfold SureSet automatic operable top seals.
       3. Horizontal Bottom Seals: SA2. Automatic bottom seals which drop as panels are positioned. Operating Clearance: 2 inch (51 mm). Operating Range: Plus 1/2 inch (13 mm) to minus 1-1/2-inch (38 mm). Exerts 120 lbs (54 kg) downward force to floor.
       4. Horizontal Bottom Seals: SA4. Automatic bottom seals which drop as panels are positioned. Operating Clearance: 4 inch (102 mm). Operating Range: Plus 1/2 inch (13 mm) to minus 3-1/2 inch (89 mm). Exerts 120 lbs (54 kg) downward force to floor.
       5. Horizontal Bottom Seals: SM2. Manually activated seals operable from panel edge or face. Operating Clearance: 2 inch (51 mm). Operating Range: Plus 1/2 inch (13 mm) to minus 1-1/2-inch (38 mm). Exerts 120 lbs (54 kg) downward force to floor.
       6. Horizontal Bottom Seals: SM4. Manually activated operable from panel edge or face. Operating Clearance: 4 inch (102 mm) Operating Range: Plus 1/2 inch (13 mm) to minus 3-1/2-inch (89 mm). Exerts 120 pounds (265 kg) downward force to floor.
    2. Suspension System:

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

* + - 1. No. 17 Suspension System: Suspension Tracks: 0.12 inch (3 mm) roll-formed steel track. Direct mounted to wood headers or supported by adjustable steel hangers, supporting the track load-bearing surface. Connected to structural supports by pairs of 3/8 inch (9.5 mm) diameter threaded rods.
         1. Exposed Track Soffit: Steel, integral to track, and pre-painted off-white.
         2. "Smart Track" Carriers: Two all-steel trolleys with steel-tired ball bearing wheels. Suspension system provides automatic indexing of panels into stack area using preprogrammed trolleys and switches without electrical, pneumatic, or mechanical activation.
         3. Warranty period: Five (5) years.
      2. No. 14 Suspension System: "Smart Track:" Suspension Tracks: 0.18 inch (5 mm) roll formed steel supported by adjustable steel hanger brackets connected to structural support by pairs of 1/2 inch (13 mm) diameter threaded rods. Brackets must support the load bearing surface of the track.
         1. Exposed Track Soffit: Steel, removable for service and maintenance, attached to track bracket without exposed fasteners, and pre-painted off-white.
         2. Carriers: Two all-steel trolleys with steel-tired ball bearing wheels. Suspension system provides automatic indexing of panels into stack area using trolleys and preprogrammed switches. No electrical, pneumatic, or mechanical activation.
         3. Warranty period: Twenty (20) years.
      3. RT100 Suspension System: Multi-Directional. Suspension Tracks: Heat-treated extruded aluminum supported by pairs of 3/8 inch (9.5 mm) diameter threaded rods.
         1. Exposed Track Soffit: Integral to track shape and powder-coated off-white. Track accommodates plenum sound barrier terminations on both sides of track.
         2. Carriers: Horizontal counter-rotating wheels with heavy duty steel thrust bearings. Panels traverse L, T, or X intersections without mechanical switching.
         3. Warranty period: Two (2) years.
      4. RT200 Suspension System: Multi-Directional. Suspension Tracks: Heat-treated extruded aluminum supported by pairs of 3/8 inch (9.5 mm) diameter threaded rods.
         1. Exposed Track Soffit: Integral to track shape and powder-coated off-white. Track accommodates plenum sound barrier terminations on both sides of track.
         2. Carriers: Horizontal counter-rotating wheels with heavy duty steel thrust bearings. Panels traverse L, T, or X intersections without mechanical switching.
         3. Warranty period: Two (2) years.
      5. Modernfold Truss System: Prefabricated, self-supporting header system for support of operable partitions.

\*\* NOTE TO SPECIFIER \*\* The following items are optional Delete items not required.

* + 1. Single Pass Doors: Matching thickness and appearance of panels. ADA-compliant equipped with friction latch and flush pulls for panic operation. No threshold.
       1. Hardware:

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

* + - * 1. Hand pull with push plate.
        2. Lever handles both sides of door
        3. Panic hardware with or without locking lever handle.
        4. Automatic door closer.
        5. Door viewer.
        6. Self-Illuminated Chemical exit sign. Recess mount.
        7. Self-Illuminated Chemical exit sign. Surface mount.
        8. Self-Illuminated Photo luminescent exit sign. Surface mount.
    1. Double Pass Doors: Matching thickness and appearance of panels. Center post is not permitted. Active Leaf: Trimless. Equipped with friction latch and flush pulls for panic operation. No threshold.
       1. Hardware:

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

* + - * 1. Hand pull with push plate.
        2. Lever handles both sides of door
        3. Panic hardware with or without locking lever handle.
        4. Automatic door closer.
        5. Self-Illuminated Chemical exit sign. Recess mount.
        6. Self-Illuminated Chemical exit sign. Surface mount.
        7. Self-Illuminated Photo luminescent exit sign. Surface mount.
    1. Work Surface Markerboard: White enamel on steel, bonded to face of panel with horizontal trim without exposed fasteners. Trim is not acceptable on vertical edges.
    2. Work Surface Tackboard: 1/4 inch (6.35 mm) natural cork, covered with vinyl or fabric, with horizontal trim without exposed fasteners. Trim is not acceptable on vertical edges.
    3. Pocket Doors: Acousti-Seal Pocket Doors by Modernfold, Inc. Same finish and appearance as adjacent panels.
    4. Intersecting partition interface.

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

* 1. SINGLE PANEL PARTITIONS, FOUR INCH (108 MM) THICK PANELS (ENCORE FLEX)
     1. Product: Acousti-Seal Encore Flex Single Panel Operable Partitions by Modernfold, Inc. A series of individual flat panels, manually operated, top supported with operable floor seals and operable top seals.
        1. Final Closure: Horizontally expanding panel edge with removable crank
     2. Panel Construction: 4-1/4 inch (108 mm) thick, Width: 51 inch (1295 mm) standard widths.
        1. Horizontal/Vertical Framing: 16 gage formed steel. Overlapped and welded corners.
        2. Top Channel: Reinforced to support suspension system.
        3. Full Vertical Panel Edges: Formed steel for concealed protection of panel skin edges.
        4. Panel Skin: Roll-formed steel wrapping around panel edge, lock formed and welded to frame for unitized construction. Acoustical ratings of panels with this construction

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

* + - * 1. STC: 52. 21-gage steel. 8.2 lbs per sq ft.
        2. STC: 54. 21-gage steel. 9.5 lbs per sq ft.
        3. STC: 56. 16-gage steel. 11.9 lbs per sq ft.
      1. Hinges for Pass Doors, and Pocket Doors:

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

* + - * 1. Full leaf butt hinges, attached to panel frame with welded hinge anchor plates within panel to support hinge mounting to frame. Lifetime hinge warranty.
        2. SOSS Invisible Laminated Hinge: Antifriction segments mounted between each heat-treated link. Hinge is attached directly to panel frame. Welded internal hinge bracket supports hinge and allows for hinge plate adjustment.
      1. Panel Trim: No trim on edges of panels. Minimal groove at panel joints.

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

* + - 1. Panel Face Finish: Reinforced vinyl with woven backing weighing not less than 21 ounces (595 g) per lineal yard.
      2. Panel Face Finish: Reinforced heavy-duty vinyl with woven backing weighing not less than 30 ounces (850 g) per lineal yard.
      3. Panel Face Finish: Acoustical, non-woven needle punch carpet, with fused fibers to prevent unraveling or fray of material.
      4. Panel Face Finish: Wall covering and upholstery fabric with surface treatment to resist stains.
      5. Panel Face Finish: Customer's own material (subject to factory approval).
      6. Panel Face Finish: Full height steel markerboard work surface.
      7. Panel Face Finish: Full height 1/4-inch (6.35 mm) natural cork tackboard with vinyl or fabric covering.
      8. Panel Face Finish: Uncovered for field finishing.
      9. Panel Face Finish: Primed for field finishing.

\*\* NOTE TO SPECIFIER \*\* Delete exposed panel trim options not required.

* + - 1. Exposed Panel Trim Color: Dark Bronze.
      2. Exposed Panel Trim Color: Smoke Gray
      3. Exposed Panel Trim Color: Natural Choice
    1. Sound Seals:
       1. Vertical Interlocking Sound Seals between panels: Roll-formed steel astragals, with tongue and groove configuration in each panel edge.
       2. Horizontal Top Seals: Modernfold SureSet Touch Top Seal, STT. Continuous contact operable seals. Operating Clearance: 1-3/8 inch (35 mm). Operating Range: Plus or minus 3/16 inch (5 mm) and provide continuous track soffit contact as panels are positioned with no tools.

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

* + - 1. Horizontal Bottom Seals: SA2. Automatic bottom seals which drop as panels are positioned. Operating Clearance: 2 inch (51 mm). Operating Range: Plus 1/2 inch (13 mm) to minus 1-1/2-inch (38 mm). Exerts 120 lbs (54 kg) downward force to floor.
      2. Horizontal Bottom Seals: SA4. Automatic bottom seals which drop as panels are positioned. Operating Clearance: 4 inch (102 mm). Operating Range: Plus 1/2 inch (13 mm) to minus 3-1/2 inch (89 mm). Exerts 120 lbs (54 kg) downward force to floor.
      3. Horizontal Bottom Seals: SM2. Manually activated seals operable from panel edge or face. Operating Clearance: 2 inch (51 mm). Operating Range: Plus 1/2 inch (13 mm) to minus 1-1/2-inch (38 mm). Exerts 120 lbs (54 kg) downward force to floor.
      4. Horizontal Bottom Seals: SM4. Manually activated operable from panel edge or face. Operating Clearance: 4 inch (102 mm) Operating Range: Plus 1/2 inch (13 mm) to minus 3-1/2-inch (89 mm). Exerts 120 pounds (265 kg) downward force to floor.
    1. Suspension System:

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

* + - 1. No. 17 Suspension System: Suspension Tracks: 0.12 inch (3 mm) roll-formed steel track. Direct mounted to wood headers or supported by adjustable steel hangers, supporting the track load-bearing surface. Connected to structural supports by pairs of 3/8 inch (9.5 mm) diameter threaded rods.
         1. Exposed Track Soffit: Steel, integral to track, and pre-painted off-white.
         2. "Smart Track" Carriers: Two all-steel trolleys with steel-tired ball bearing wheels. Suspension system provides automatic indexing of panels into stack area using preprogrammed trolleys and switches without electrical, pneumatic, or mechanical activation.
         3. Warranty period: Five (5) years.
      2. No. 14 Suspension System: "Smart Track:" Suspension Tracks: 0.18 inch (5 mm) roll formed steel supported by adjustable steel hanger brackets connected to structural support by pairs of 1/2 inch (13 mm) diameter threaded rods. Brackets must support the load bearing surface of the track.
         1. Exposed Track Soffit: Steel, removable for service and maintenance, attached to track bracket without exposed fasteners, and pre-painted off-white.
         2. Carriers: Two all-steel trolleys with steel-tired ball bearing wheels. Suspension system provides automatic indexing of panels into stack area using trolleys and preprogrammed switches. No electrical, pneumatic, or mechanical activation.
         3. Warranty period: Twenty (20) years.
      3. RT100 Suspension System: Multi-Directional. Suspension Tracks: Heat-treated extruded aluminum supported by pairs of 3/8 inch (9.5 mm) diameter threaded rods.
         1. Exposed Track Soffit: Integral to track shape and powder-coated off-white. Track accommodates plenum sound barrier terminations on both sides of track.
         2. Carriers: Horizontal counter-rotating wheels with heavy duty steel thrust bearings. Panels traverse L, T, or X intersections without mechanical switching.
         3. Warranty period: Two (2) years.
      4. RT200 Suspension System: Multi-Directional. Suspension Tracks: Heat-treated extruded aluminum supported by pairs of 3/8 inch (9.5 mm) diameter threaded rods.
         1. Exposed Track Soffit: Integral to track shape and powder-coated off-white. Track accommodates plenum sound barrier terminations on both sides of track.
         2. Carriers: Horizontal counter-rotating wheels with heavy duty steel thrust bearings. Panels traverse L, T, or X intersections without mechanical switching.
         3. Warranty period: Two (2) years.
      5. Modernfold Truss System: Prefabricated, self-supporting header system for support of operable partitions.

\*\* NOTE TO SPECIFIER \*\* The following items are optional Delete items not required.

* + 1. Single Pass Doors: Matching thickness and appearance of panels. ADA-compliant equipped with friction latch and flush pulls for panic operation. No threshold.
       1. Hardware:

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

* + - * 1. Hand pull with push plate.
        2. Lever handles both sides of door
        3. Panic hardware with or without locking lever handle.
        4. Automatic door closer.
        5. Door viewer.
        6. Self-Illuminated Chemical exit sign. Recess mount.
        7. Self-Illuminated Chemical exit sign. Surface mount.
        8. Self-Illuminated Photo luminescent exit sign. Surface mount.
    1. Double Pass Doors: Matching thickness and appearance of panels. Center post is not permitted. Active Leaf: Trimless. Equipped with friction latch and flush pulls for panic operation. No threshold.
       1. Hardware:

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

* + - * 1. Hand pull with push plate.
        2. Lever handles both sides of door
        3. Panic hardware with or without locking lever handle.
        4. Automatic door closer.
        5. Self-Illuminated Chemical exit sign. Recess mount.
        6. Self-Illuminated Chemical exit sign. Surface mount.
        7. Self-Illuminated Photo luminescent exit sign. Surface mount.
    1. Work Surface Markerboard: White enamel on steel, bonded to face of panel with horizontal trim without exposed fasteners. Trim is not acceptable on vertical edges.
    2. Work Surface Tackboard: 1/4 inch (6.35 mm) natural cork, covered with vinyl or fabric, with horizontal trim without exposed fasteners. Trim is not acceptable on vertical edges.
    3. Pocket Doors: Acousti-Seal Pocket Doors by Modernfold, Inc. Same finish and appearance as adjacent panels.
    4. Intersecting partition interface.

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

* 1. SINGLE PANEL PARTITIONS, FIRE-RATED (911 LEGACY)
     1. Product: Acousti-Seal Legacy, Single Panel "Fire Rated"911 Operable Partition by Modernfold, Inc. 1-Hour UL rated, manually operated individual flat panels, top supported with operable floor seals.

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

* + - 1. Final Closure: Horizontally expanding panel edge with removable crank.
      2. Final Closure: Dual horizontally expanding panel edges with removable crank.
    1. Panel Construction: 3 inch (76 mm) thick panels in 48 inch (1220 mm) standard widths.
       1. Horizontal/Vertical Framing: 16-gage formed steel. Overlapped and welded corners.
       2. Top Channel: Reinforced to support suspension system.
       3. Full Vertical Panel Edges: Formed steel for concealed protection of panel skin edges.
       4. Panel Skin: Roll-formed 21-gage steel wrapping around panel edge. Lock formed and welded to frame for unitized construction.

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

* + - * 1. Acoustical rating: STC: 50. Steel Skin: 8 lbs per sq ft.
        2. Acoustical rating: STC: 52. Steel Skin: 11 lbs per sq ft.
      1. Hinges for Closure Panels, Pass Doors, and Pocket Doors: Full leaf butt hinges, attached to panel frame with welded hinge anchor plates within panel to support hinge mounting to frame.
      2. Panel Trim: No vertical trim on panel edges. Minimal groove at panel joints.

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

* + - 1. Panel Face Finish: Reinforced vinyl with woven backing weighing not less than 21 ounces (595 g) per lineal yard.
      2. Panel Face Finish: Reinforced heavy-duty vinyl with woven backing weighing not less than 30 ounces (850 g) per lineal yard.
      3. Panel Face Finish: Acoustical, non-woven needle punch carpet, with fused fibers to prevent unraveling or fray of material.
      4. Panel Face Finish: Wall covering and upholstery fabric with surface treatment to resist stains.
      5. Panel Face Finish: Customer's own material (subject to factory approval), must have UL classification.
      6. Panel Face Finish: Full height steel markerboard work surface.
      7. Panel Face Finish: Uncovered for field finishing subject to field finish factory approval.
      8. Panel Face Finish: Primed for field finishing.

\*\* NOTE TO SPECIFIER \*\* Delete exposed panel trim options not required.

* + - 1. Exposed Panel Trim Color: Dark Bronze.
      2. Exposed Panel Trim Color: Smoke Gray
      3. Exposed Panel Trim Color: Natural Choice
    1. Sound Seals:
       1. Vertical Interlocking Sound Seals Between Panels: Roll-formed steel astragals. Reversible tongue and groove configuration in each panel edge for universal panel operation.
       2. Horizontal Top Seals: Continuous contact, vinyl wrapped ceramic.

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

* + - 1. Horizontal Bottom Seals: A2. Automatic operable seals which drop as panels are positioned. Operating Clearance: 2 inch (51 mm). Operating Range: Plus 1/2 inch (13 mm) to minus 1-1/2-inch (38 mm) without tools.
      2. Horizontal Bottom Seals: SM2. Manually activated seals operable from panel edge or face. Operating Clearance: 2 inch (51 mm). Operating Range: Plus 1/2 inch (13 mm) to minus 1-1/2-inch (38 mm). Exerts 120 lbs (54 kg) downward force to floor.
      3. Horizontal Bottom Seals: SM4. Manually activated operable from panel edge or face. Operating Clearance: 4 inch (102 mm) Operating Range: Plus 1/2 inch (13 mm) to minus 3-1/2-inch (89 mm). Exerts 120 pounds (265 kg) downward force to floor.
    1. Suspension System:

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

* + - 1. No. 17 Suspension System: Suspension Tracks: 0.12 inch (3 mm) roll-formed steel track. Direct mounted to wood headers or supported by adjustable steel hangers, supporting the track load-bearing surface. Connected to structural supports by pairs of 3/8 inch (9.5 mm) diameter threaded rods.
         1. Exposed Track Soffit: Steel, integral to track, and pre-painted off-white.
         2. "Smart Track" Carriers: Two all-steel trolleys with steel-tired ball bearing wheels. Suspension system provides automatic indexing of panels into stack area using preprogrammed trolleys and switches without electrical, pneumatic, or mechanical activation.
         3. Warranty period: Five (5) years.
      2. No. 14 Suspension System: "Smart Track:" Suspension Tracks: 0.18 inch (5 mm) roll formed steel supported by adjustable steel hanger brackets connected to structural support by pairs of 1/2 inch (13 mm) diameter threaded rods. Brackets must support the load bearing surface of the track.
         1. Exposed Track Soffit: Steel, removable for service and maintenance, attached to track bracket without exposed fasteners, and pre-painted off-white.
         2. Carriers: Two all-steel trolleys with steel-tired ball bearing wheels. Suspension system provides automatic indexing of panels into stack area using trolleys and preprogrammed switches. No electrical, pneumatic, or mechanical activation.
         3. Warranty period: Twenty (20) years.

\*\* NOTE TO SPECIFIER \*\* The following items are optional Delete items not required.

* + 1. Single Pass Doors: Matching thickness and appearance of panels. ADA-compliant equipped with friction latch and flush pulls for panic operation. No threshold.
       1. Hardware:

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

* + - * 1. Automatic door closures.
        2. Recessed lever handle and panic hardware.
        3. Self-Illuminated Chemical Exit Sign: Surface mount.
        4. Self-Illuminated Photo Luminescent Exit Sign: Surface mount.
    1. Double Pass Doors: Matching thickness and appearance of panels. Center post is not permitted. Active Leaf: Trimless. Equipped with friction latch and flush pulls for panic operation. No threshold.
       1. Hardware:
          1. Automatic door closures.
          2. Recessed lever handle and panic hardware.

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

* + - * 1. Self-Illuminated Chemical exit sign. Surface mount.
        2. Self-Illuminated Photo luminescent exit sign. Surface mount.
    1. Work Surface Markerboard: White enamel on steel, bonded to face of panel with horizontal trim without exposed fasteners. Trim is not acceptable on vertical edges.
    2. Pocket Doors: Acousti-Seal Pocket Doors by Modernfold, Inc. Same finish and appearance as adjacent panels.
    3. Intersecting partition interface.

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

* 1. PAIRED PANEL PARTITIONS, THREE INCH (76 MM) THICK PANELS (932 PREMIER)
     1. Product: Acousti-Seal Premier Paired Panel 932 Operable Partition by Modernfold, Inc. Series of paired flat panels hinged together in pairs, manually operated, top supported with operable floor seals.

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

* + - 1. Final Closure: Horizontally expanding panel edge with removable crank.
      2. Final Closure: Hinged panel closure
      3. Final Closure: Enclose
    1. Panel Construction: 3-inch (76 mm) thick. Widths: 48 inch (1220 mm).
       1. Horizontal/Vertical Framing: 18 gage formed steel. Overlapped and welded corners.
       2. Top Channel: Reinforced to support suspension system.
       3. Full Vertical Panel Edges: Formed steel for concealed protection of panel skin edges.

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

* + - 1. Panel Skin: 1/2 inch (13 mm) tackable 100 percent recycled gypsum board, class "A" rated. Single material or composite layers continuously bonded to panel frame.
         1. Acoustical ratings of panels with this construction:

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

STC: 28. 6 lbs per sq ft.

STC: 47. 7 lbs per sq ft.

STC: 50. 8 lbs per sq ft.

* + - 1. Panel Skin: 1/2-inch (13mm) NAUF medium density fiberboard, single material or composite layers continuously bonded to panel frame.
         1. Acoustical ratings of panels with this construction:

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

STC: 28. 6 lbs per sq ft.

STC: 47. 7 lbs per sq ft.

STC: 50. 8 lbs per sq ft.

* + - 1. Panel Trim: No vertical trim on panel edges. Minimal groove at panel joints.
      2. Hinges for Closure Panels, Pass Doors, and Pocket Doors: Full leaf butt hinges, attached to panel frame with welded hinge anchor plates within panel to support hinge mounting to frame. Lifetime hinge warranty.

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

* + - 1. Panel Face Finish: Reinforced vinyl with woven backing weighing not less than 21 ounces (595 g) per lineal yard.
      2. Panel Face Finish: Reinforced heavy-duty vinyl with woven backing weighing not less than 30 ounces (850 g) per lineal yard.
      3. Panel Face Finish: Acoustical, non-woven needle punch carpet, with fused fibers to prevent unraveling or fray of material.
      4. Panel Face Finish: Wall covering and upholstery fabric with surface treatment to resist stains.
      5. Panel Face Finish: Customer's own material (subject to factory approval).
      6. Panel Face Finish: Full height steel markerboard work surface.
      7. Panel Face Finish: Full height 1/4-inch (6.35 mm) natural cork tackboard with vinyl or fabric covering.
      8. Panel Face Finish: High pressure plastic laminate on MDF board.
      9. Panel Face Finish: Wood veneer on MDF board.
      10. Panel Face Finish: Uncovered for field finishing.

\*\* NOTE TO SPECIFIER \*\* Delete exposed panel trim options not required.

* + - 1. Exposed Panel Trim Color: Dark Bronze.
      2. Exposed Panel Trim Color: Smoke Gray
      3. Exposed Panel Trim Color: Natural Choice
    1. Sound Seals:
       1. Vertical Interlocking Sound Seals Between Panels: Roll-formed steel astragals. Reversible tongue and groove configuration in each panel edge for universal panel operation.
       2. Horizontal Top Seals: Continuous contact extruded vinyl bulb shape with pairs of non-contacting vinyl fingers to prevent distortion without mechanically operated parts.

\*\* NOTE TO SPECIFIER \*\* Delete horizontal bottom seals option not required.

* + - 1. Horizontal Bottom Seals: A2. Automatic operable seals drop as panels are positioned, without tools or cranks. Operating Clearance: 2 inch (51 mm). Operating Range: Plus 1/2 inch (13 mm) to minus 1-1/2 inch (38 mm).
      2. Horizontal Bottom Seals: SM2. Manually activated seals operable from panel edge or face. Operating Clearance: 2 inch (51 mm). Operating Range: Plus 1/2 inch (13 mm) to minus 1-1/2 inch (38 mm). Exerts 120 lbs (265 kg) downward force to floor.
    1. Suspension System:

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

* + - 1. No. 17 Suspension System: Suspension Tracks: 0.12 inch (3 mm) roll-formed steel track. Direct mounted to wood headers or supported by adjustable steel hangers, supporting the track load-bearing surface. Connected to structural supports by pairs of 3/8 inch (9.5 mm) diameter threaded rods.
         1. Exposed Track Soffit: Steel, integral to track, and pre-painted off-white.
         2. Right Angle Turn Carriers: Two carriers of low-friction polymer, reinforced with steel, permitting panels to traverse L, T, and X intersections without mechanical switching, on all panels except hinged closure panels.
         3. "Smart Track" Carriers: Two all-steel trolleys with steel-tired ball bearing wheels. Suspension system provides automatic indexing of panels into stack area using preprogrammed trolleys and switches without electrical, pneumatic, or mechanical activation.
         4. Warranty period: Five (5) years.
      2. No. 30 Suspension System: Suspension Tracks: Structural aluminum. Supported by adjustable steel hanger brackets connected to structural supports by pairs of 3/8 inch (9.5 mm) diameter threaded rods.
         1. Exposed Track Soffit: Integral to track shape. Finish: Powder-coated off white paint. Accommodates plenum sound barrier terminations on both sides of track.
         2. Carriers: One trolley per panel. Wheels: 3 inch (76 mm) diameter glass-nylon steel precision-ground ball-bearing. Steel-wheeled or reinforced polymer trolleys on aluminum track not permitted. Trolley to Panel Attachment: 1/2-inch (13 mm) diameter pendent bolt mounted to welded steel mounting plate.
         3. Warranty period: Two (2) years.
      3. No. 14 Suspension System: "Smart Track:" Suspension Tracks: 0.18 inch (5 mm) roll formed steel supported by adjustable steel hanger brackets connected to structural support by pairs of 1/2 inch (13 mm) diameter threaded rods. Brackets must support the load bearing surface of the track.
         1. Exposed Track Soffit: Steel, removable for service and maintenance, attached to track bracket without exposed fasteners, and pre-painted off-white.
         2. Carriers: Two all-steel trolleys with steel-tired ball bearing wheels. Suspension system provides automatic indexing of panels into stack area using trolleys and preprogrammed switches. No electrical, pneumatic, or mechanical activation.
         3. Warranty period: Twenty (20) years.
      4. Modernfold Truss System: Prefabricated, self-supporting header system for support of operable partitions.

\*\* NOTE TO SPECIFIER \*\* The following items are optional Delete items not required.

* + 1. Single Pass Doors: Matching thickness and appearance of panels. ADA-compliant equipped with friction latch and flush pulls for panic operation. No threshold permitted.
       1. Hardware:

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

* + - * 1. Hand pull with push plate.
        2. Lever handles both sides of door
        3. Panic hardware with or without locking lever handle.
        4. Automatic door closer.
        5. Door viewer.
        6. Self-Illuminated Chemical exit sign. Recess mount.
        7. Self-Illuminated Chemical exit sign. Surface mount.
        8. Self-Illuminated Photo luminescent exit sign/ Surface mount.
    1. Work Surface Markerboard: White enamel on steel, bonded to face of panel with horizontal trim without exposed fasteners. Trim is not acceptable on vertical edges.
    2. Work Surface Tackboard: 1/4-inch (6.35 mm) natural cork, covered with vinyl or fabric, with horizontal trim without exposed fasteners. Trim is not acceptable on vertical edges.
    3. Pocket Doors: Acousti-Seal Pocket Doors by Modernfold, Inc. Same finish and appearance as adjacent panels.
    4. Accessories:

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

* + - 1. Finished End Caps: 90 degrees.
      2. Finished End Caps: 135 degrees.
      3. Intersecting partition interface.
      4. Window Frame: Aluminum window frame, glazed or unglazed.
      5. Window Frame: Wood window frame, glazed or unglazed.
      6. Inset Window Glazing: Clear Tempered Glass: 1/4 inch. Aluminum frame.
      7. Inset Window Glazing: Clear Tempered Glass: 1/4 inch. Wood frame.
      8. Inset Window Glazing: Low Iron Tempered Glass: 1/4 inch. Aluminum frame.
      9. Inset Window Glazing: Low Iron Tempered Glass: 1/4 inch. Wood frame.
      10. Inset Window Glazing: Lexan: 1/4 inch. Aluminum frame.
      11. Inset Window Glazing: Clear Tempered Glass: 1/2 inch. Wood frame.
      12. Inset Window Glazing: Low Iron Tempered Glass: 1/2 inch. Wood frame.
      13. Inset Window Glazing: Insulated Glass: 1 inch. Wood frame.

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

* 1. PAIRED PANEL PARTITIONS, THREE INCH (76 MM) THICK PANELS (932 LEGACY)
     1. Product: Acousti-Seal Premier Paired Panel 932 Operable Partition by Modernfold, Inc. Series of paired flat panels hinged together in pairs, manually operated, top supported with operable floor seals.

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

* + - 1. Final Closure: Horizontally expanding panel edge with removable crank.
      2. Final Closure: Hinged panel closure
      3. Final Closure: Enclose
    1. Panel Construction: 3 inch (76 mm) thick. Widths: 48 inch (1220 mm).
       1. Horizontal/Vertical Framing: 16 gage formed steel. Overlapped and welded corners.
       2. Top Channel: Reinforced to support suspension system.
       3. Full Vertical Panel Edges: Formed steel for concealed protection of panel skin edges.

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

* + - 1. Panel Skins: Roll-formed 21 gage steel wrapping around panel edge. Lock formed and welded to frame for unitized construction. Acoustical ratings of panels:

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

* + - * 1. STC: 28. 6 lbs per sq ft.
        2. STC: 50. 8 lbs per sq ft.
        3. STC: 52. 11 lbs per sq ft.
      1. Panel Skins: Roll-formed 21 gage Micro-perforated steel with sound absorptive backing, wrapped around panel edge on 50 percent of panel faces. Lock formed and welded to frame for unitized construction. Acoustical ratings of panels:
         1. STC: 45. Net with NRC construction.
         2. NRC: 0.65 with wall covering and upholstery fabric or non-woven needle punch carpet covering.
      2. Hinges for Closure Panels, Pass Doors, and Pocket Doors:

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

* + - * 1. Full Leaf Butt Hinges: Attached to panel frame with welded hinge anchor plates within panel to support hinge mounting to frame. Lifetime hinge warranty.
        2. SOSS Invisible Laminated Hinge: With antifriction segments mounted between heat-treated links. Hinge is attached to panel frame. Welded internal hinge bracket supports the hinge and allows adjustment of hinge plates.
      1. Panel Trim: No vertical trim on panel edges. Minimal groove at panel joints.

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

* + - 1. Panel Face Finish: Reinforced vinyl with woven backing weighing not less than 21 ounces (595 g) per lineal yard.
      2. Panel Face Finish: Reinforced heavy-duty vinyl with woven backing weighing not less than 30 ounces (850 g) per lineal yard.
      3. Panel Face Finish: Acoustical, non-woven needle punch carpet, with fused fibers to prevent unraveling or fray of material.
      4. Panel Face Finish: Wall covering and upholstery fabric with surface treatment to resist stains.
      5. Panel Face Finish: Customer's own material (subject to factory approval).
      6. Panel Face Finish: Full height steel markerboard work surface.
      7. Panel Face Finish: Full height 1/4 inch (6.35 mm) natural cork tackboard with vinyl or fabric covering.
      8. Panel Face Finish: Uncovered for field finishing.
      9. Panel Face Finish: Primed for field finishing.

\*\* NOTE TO SPECIFIER \*\* Delete exposed panel trim options not required.

* + - 1. Exposed Panel Trim Color: Dark Bronze.
      2. Exposed Panel Trim Color: Smoke Gray
      3. Exposed Panel Trim Color: Natural Choice
    1. Sound Seals:
       1. Vertical Interlocking Sound Seals Between Panels: Roll-formed steel astragals. Reversible tongue and groove configuration in each panel edge for universal panel operation.
       2. Horizontal Top Seals: Continuous contact extruded vinyl bulb shape with pairs of non-contacting vinyl fingers to prevent distortion without mechanically operated parts.

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

* + - 1. Horizontal Bottom Seals: A2. Automatic operable seals drop as panels are positioned, without tools or cranks. Operating Clearance: 2 inch (51 mm). Operating Range: Plus 1/2 inch (13 mm) to minus 1-1/2 inch (38 mm).
      2. Horizontal Bottom Seals: SM2. Manually activated seals operable from panel edge or face. Operating Clearance: 2 inch (51 mm). Operating Range: Plus 1/2 inch (13 mm) to minus 1-1/2 inch (38 mm). Exerts 120 lbs (265 kg) downward force to floor.
      3. Horizontal Bottom Seals: SM4. Manually activated operable from panel edge or face. Operating Clearance: 4 inch (102 mm) Operating Range: Plus 1/2 inch (13 mm) to minus 3-1/2-inch (89 mm). Exerts 120 pounds (265 kg) downward force to floor.
    1. Suspension System:
       1. No. 17 Suspension System: Suspension Tracks: 0.12 inch (3 mm) roll-formed steel track. Direct mounted to wood headers or supported by adjustable steel hangers, supporting the track load-bearing surface. Connected to structural supports by pairs of 3/8 inch (9.5 mm) diameter threaded rods.
          1. Exposed Track Soffit: Steel, integral to track, and pre-painted off-white.
          2. Right Angle Turn Carriers: Two carriers of low-friction polymer, reinforced with steel, permitting panels to traverse L, T, and X intersections without mechanical switching, on all panels except hinged closure panels.
          3. "Smart Track" Carriers: Two all-steel trolleys with steel-tired ball bearing wheels. Suspension system provides automatic indexing of panels into stack area using preprogrammed trolleys and switches without electrical, pneumatic, or mechanical activation.
          4. Warranty period: Five (5) years.
       2. No. 30 Suspension System: Suspension Tracks: Structural aluminum. Supported by adjustable steel hanger brackets connected to structural supports by pairs of 3/8 inch (9.5 mm) diameter threaded rods.
          1. Exposed Track Soffit: Integral to track shape. Finish: Powder-coated off white paint. Accommodates plenum sound barrier terminations on both sides of track.
          2. Carriers: One trolley per panel. Wheels: 3 inch (76 mm) diameter glass-nylon steel precision-ground ball-bearing. Steel-wheeled or reinforced polymer trolleys on aluminum track not permitted. Trolley to Panel Attachment: 1/2-inch (13 mm) diameter pendent bolt mounted to welded steel mounting plate.
          3. Warranty period: Two (2) years.
       3. No. 14 Suspension System: "Smart Track:" Suspension Tracks: 0.18 inch (5 mm) roll formed steel supported by adjustable steel hanger brackets connected to structural support by pairs of 1/2 inch (13 mm) diameter threaded rods. Brackets must support the load bearing surface of the track.
          1. Exposed Track Soffit: Steel, removable for service and maintenance, attached to track bracket without exposed fasteners, and pre-painted off-white.
          2. Carriers: Two all-steel trolleys with steel-tired ball bearing wheels. Suspension system provides automatic indexing of panels into stack area using trolleys and preprogrammed switches. No electrical, pneumatic, or mechanical activation.
          3. Warranty period: Twenty (20) years.
       4. Modernfold Truss System: Prefabricated, self-supporting header system for the support of operable partitions.

\*\* NOTE TO SPECIFIER \*\* The following items are optional Delete items not required.

* + 1. Single Pass Doors: Matching thickness and appearance of panels. ADA-compliant equipped with friction latch and flush pulls for panic operation. No threshold.
       1. Hardware:

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

* + - * 1. Hand pull with push plate.
        2. Lever handles both sides of door
        3. Panic hardware with or without locking lever handle.
        4. Automatic door closer.
        5. Door viewer.
        6. Self-Illuminated Chemical exit sign. Recess mount.
        7. Self-Illuminated Chemical exit sign. Surface mount.
        8. Self-Illuminated Photo luminescent exit sign/ Surface mount.
    1. Work Surface Markerboard: White enamel on steel, bonded to face of panel with horizontal trim without exposed fasteners. Trim is not acceptable on vertical edges.
    2. Work Surface Tackboard: 1/4-inch (6.35 mm) natural cork, covered with vinyl or fabric, with horizontal trim without exposed fasteners. Trim is not acceptable on vertical edges.
    3. Pocket Doors: Acousti-Seal Pocket Doors by Modernfold, Inc. Same finish and appearance as adjacent panels.
    4. Accessories:

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

* + - 1. Finished End Caps: 90 degrees.
      2. Finished End Caps: 135 degrees.
      3. Intersecting partition interface.
      4. Window Frame: Aluminum window frame, glazed or unglazed.
      5. Window Frame: Wood window frame, glazed or unglazed.
      6. Inset Window Glazing: Clear Tempered Glass: 1/4 inch. Aluminum frame.
      7. Inset Window Glazing: Clear Tempered Glass: 1/4 inch. Wood frame.
      8. Inset Window Glazing: Low Iron Tempered Glass: 1/4 inch. Aluminum frame.
      9. Inset Window Glazing: Low Iron Tempered Glass: 1/4 inch. Wood frame.
      10. Inset Window Glazing: Lexan: 1/4 inch. Aluminum frame.
      11. Inset Window Glazing: Clear Tempered Glass: 1/2 inch. Wood frame.
      12. Inset Window Glazing: Low Iron Tempered Glass: 1/2 inch. Wood frame.
      13. Inset Window Glazing: Insulated Glass: 1 inch. Wood frame.

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

* 1. PAIRED PARTITIONS, FOUR INCH (108 MM) THICK PANELS (ENCORE)
     1. Product: Acousti-Seal Encore Paired Panel Operable Partitions by Modernfold, Inc. Paired panel series of flat panels hinged together in pairs, manually operated, top supported with operable floor seals and automatic top seals.
        1. Final Closure: Horizontally expanding panel edge with removable crank.
     2. Panel Construction: 4-1/4 inch (108 mm) thick. Widths: 51 inch (1295 mm).
        1. Horizontal/Vertical Framing: 16 gage formed steel, Overlapped, and welded corners.
        2. Top Channel: Reinforced to support suspension system.
        3. Full Vertical Panel Edges: Formed steel for concealed protection of panel skin edges.
        4. Panel Skin: Roll-formed steel wrapping around panel edge. Lock formed and welded to frame for unitized construction. Acoustical ratings of panels:

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

* + - * 1. STC: 52. 21-gage steel. Weight: 8.2 lbs per sq ft
        2. STC: 54. 21-gage steel. Weight: 9.5 lbs per sq ft
        3. STC: 56. 16-gage steel. Weight: 11.9 lbs per sq ft
      1. Hinges for Panels, Pass Doors, and Pocket Doors:

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

* + - * 1. Full Leaf Butt Hinges: Attached to panel frame with welded hinge anchor plates within panel to support hinge mounting to frame. Lifetime hinge warranty.
        2. SOSS Invisible Laminated Hinge: With antifriction segments mounted between heat-treated links. Hinge is attached to panel frame. Welded internal hinge bracket supports the hinge and allows adjustment of hinge plates.
      1. Panel Trim: No vertical trim on panel edges. Minimal groove at panel joints.

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

* + - 1. Panel Face Finish: Reinforced vinyl with woven backing weighing not less than 21 ounces per lineal yard.
      2. Panel Face Finish: Reinforced heavy-duty vinyl with woven backing weighing not less than 30 ounces per lineal yard.
      3. Panel Face Finish: Acoustical, non-woven needle punch carpet, with fused fibers to prevent unraveling or fray of material.
      4. Panel Face Finish: Wall covering and upholstery fabric with surface treatment to resist stains.
      5. Panel Face Finish: Customer's own material (subject to factory approval).
      6. Panel Face Finish: Full height steel markerboard work surface.
      7. Panel Face Finish: Full height 1/4-inch (6.35 mm) natural cork tackboard with vinyl or fabric covering.
      8. Panel Face Finish: Uncovered for field finishing.
      9. Panel Face Finish: Primed for field finishing.
      10. Panel Trim: No exposed trim. Hardware to be one consistent color.

\*\* NOTE TO SPECIFIER \*\* Delete exposed panel trim options not required.

* + - 1. Exposed Panel Trim Color: Dark Bronze.
      2. Exposed Panel Trim Color: Smoke Gray
      3. Exposed Panel Trim Color: Natural Choice
    1. Sound Seals:
       1. Vertical Interlocking Sound Seals Between Panels: Roll-formed steel astragals. Tongue and groove configuration in each panel edge.
       2. Horizontal Top Seals: Modernfold SureSet automatic operable top seals.

\*\* NOTE TO SPECIFIER \*\* Select one bottom floor seal from choices below, delete others.

* + - 1. Horizontal Bottom Seals: SA2E. Automatic bottom seals which drop as panels are positioned. Operating Clearance: 2 inch (51 mm). Operating Range: Plus 1/2 inch (13 mm) to minus 1-1/2-inch (38 mm). Exerts 120 lbs (54 kg) downward force to floor.
      2. Horizontal Bottom Seals: SA4. Automatic bottom seals. Operating Clearance: 4 inch (102 mm). Operating Range: Plus 1/2 inch (13 mm) to minus 3-1/2 inch (89 mm) which drop as panels are positioned. Exerts nominal 120 pounds (54 kg) downward force to floor throughout operating range.
      3. Horizontal Bottom Seals: SM2. Manually activated seals operable from panel edge or face. Operating Clearance: 2 inch (51 mm). Operating Range: Plus 1/2 inch (13 mm) to minus 1-1/2 inch (38 mm). Exerts 120 lbs (265 kg) downward force to floor.
      4. Horizontal Bottom Seals: SM4. Manually activated operable from panel edge or face. Operating Clearance: 4 inch (102 mm) Operating Range: Plus 1/2 inch (13 mm) to minus 3-1/2-inch (89 mm). Exerts 120 pounds (265 kg) downward force to floor.
    1. Suspension System:

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

* + - 1. No. 17 Suspension System: Suspension Tracks: 0.12 inch (3 mm) roll-formed steel track. Direct mounted to wood headers or supported by adjustable steel hangers, supporting the track load-bearing surface. Connected to structural supports by pairs of 3/8 inch (9.5 mm) diameter threaded rods.
         1. Exposed Track Soffit: Steel, integral to track, and pre-painted off-white.
         2. Right Angle Turn Carriers: Two carriers of low-friction polymer, reinforced with steel, permitting panels to traverse L, T, and X intersections without mechanical switching, on all panels except hinged closure panels.
         3. "Smart Track" Carriers: Two all-steel trolleys with steel-tired ball bearing wheels. Suspension system provides automatic indexing of panels into stack area using preprogrammed trolleys and switches without electrical, pneumatic, or mechanical activation.
         4. Warranty period: Five (5) years.
      2. No. 30 Suspension System: Suspension Tracks: Structural aluminum. Supported by adjustable steel hanger brackets connected to structural supports by pairs of 3/8 inch (9.5 mm) diameter threaded rods.
         1. Exposed Track Soffit: Integral to track shape. Finish: Powder-coated off white paint. Accommodates plenum sound barrier terminations on both sides of track.
         2. Carriers: One trolley per panel. Wheels: 3 inch (76 mm) diameter glass-nylon steel precision-ground ball-bearing. Steel-wheeled or reinforced polymer trolleys on aluminum track not permitted. Trolley to Panel Attachment: 1/2-inch (13 mm) diameter pendent bolt mounted to welded steel mounting plate.
         3. Warranty period: Two (2) years.
      3. Modernfold Truss System: Prefabricated, self-supporting header system for support of operable partitions.

\*\* NOTE TO SPECIFIER \*\* The following items are optional Delete items not required.

* + 1. Single Pass Doors: Matching thickness and appearance of panels. ADA compliant. Trimless and equipped with friction latch and flush pulls for panic operation. No threshold permitted.
       1. Hardware:

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

* + - * 1. Hand pull with push plate.
        2. Lever handles both sides of door
        3. Panic hardware with or without locking lever handle.
        4. Automatic door closer.
        5. Door viewer.
        6. Self-Illuminated Chemical exit sign. Recess mount.
        7. Self-Illuminated Chemical exit sign. Surface mount.
        8. Self-Illuminated Photo luminescent exit sign/ Surface mount.
    1. Work Surface Markerboard: White enamel on steel, bonded to face of panel with horizontal trim without exposed fasteners. Trim is not acceptable on vertical edges.
    2. Work Surface Tackboard: 1/4-inch (6.35 mm) natural cork, covered with vinyl or fabric, with horizontal trim without exposed fasteners. Trim is not acceptable on vertical edges.
    3. Pocket Doors: Acousti-Seal Pocket Doors by Modernfold, Inc. Same finish and appearance as adjacent panels.
    4. Intersecting partition interface.

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

* 1. PAIRED PANEL PARTITIONS, FIRE-RATED (912 LEGACY)
     1. Product: Acousti-Seal Legacy 912 operable paired panel partitions, fire rated 1-hour UL rated by Modernfold, Inc. Series of paired flat panels hinged together in pairs, manually operated, top supported with operable floor seals.
        1. Final Closure: Horizontally expanding panel edge with removable crank.
     2. Panel Construction: 3 inch (76 mm) thick. Widths: 48 inch (1220 mm).
        1. Horizontal/Vertical Framing: 16 gage formed steel. Overlapped and welded corners. Top Channel: Reinforced to support suspension system.
        2. Full Vertical Panel Edges: Formed steel for concealed protection of panel skin edges.
        3. Panel Skins: Roll-formed 21 gage steel wrapping around panel edge. Lock formed and welded to frame for unitized construction. Acoustical ratings of panels:

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

* + - * 1. STC: 28. 6 lbs per sq ft.
        2. STC: 50. 8 lbs per sq ft.
        3. STC: 52. 11 lbs per sq ft.
      1. Hinges for Panels, Closure Panels, Pass Doors, and Pocket Doors: Full leaf butt hinges, attached to panel frame with welded hinge anchor plates within panel to support hinge mounting to frame.
      2. Panel Trim: No vertical trim on panel edges. Minimal groove at panel joints.

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

* + - 1. Panel Face Finish: Reinforced vinyl with woven backing weighing not less than 21 ounces (595 g) per lineal yard.
      2. Panel Face Finish: Reinforced heavy-duty vinyl with woven backing weighing not less than 30 ounces (850 g) per lineal yard.
      3. Panel Face Finish: Acoustical, non-woven needle punch carpet, with fused fibers to prevent unraveling or fray of material.
      4. Panel Face Finish: Wall covering and upholstery fabric with surface treatment to resist stains.
      5. Panel Face Finish: Customer's own material (subject to factory approval), must have UL classification.
      6. Panel Face Finish: Full height steel markerboard work surface.
      7. Panel Face Finish: Uncovered for field finishing (subject to field finish factory approval).
      8. Panel Face Finish: Primed for field finishing.

\*\* NOTE TO SPECIFIER \*\* Delete exposed panel trim options not required.

* + - 1. Exposed Panel Trim Color: Dark Bronze.
      2. Exposed Panel Trim Color: Smoke Gray.
      3. Exposed Panel Trim Color: Natural Choice.
    1. Sound Seals:
       1. Vertical Interlocking Sound Seals Between Panels: Roll-formed steel astragals. Reversible tongue and groove configuration in each panel edge for universal panel operation.
       2. Horizontal Top Seals: Continuous contact, vinyl wrapped ceramic.

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

* + - 1. Horizontal Bottom Seals: A2. Automatic operable seals drop as panels are positioned, without tools or cranks. Operating Clearance: 2 inch (51 mm). Operating Range: Plus 1/2 inch (13 mm) to minus 1-1/2 inch (38 mm).
      2. Horizontal Bottom Seals: SM2. Manually activated seals operable from panel edge or face. Operating Clearance: 2 inch (51 mm). Operating Range: Plus 1/2 inch (13 mm) to minus 1-1/2 inch (38 mm). Exerts 120 lbs (265 kg) downward force to floor.
      3. Horizontal Bottom Seals: SM4. Manually activated operable from panel edge or face. Operating Clearance: 4 inch (102 mm) Operating Range: Plus 1/2 inch (13 mm) to minus 3-1/2-inch (89 mm). Exerts 120 pounds (265 kg) downward force to floor.

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

* + 1. Suspension System No. 17: Suspension Tracks: 0.12-inch (3 mm) roll-formed steel track supported by adjustable steel hanger brackets, supporting the load-bearing surface of the track. Connected to structural support by pairs of 3/8 inch (9.5 mm) diameter threaded rods.
       1. Exposed track soffit: Steel, integral to track, and pre-painted off-white.
       2. Carriers: One all-steel trolley with steel tired ball bearing wheels per panel, except hinged panels. Non-steel tires are not acceptable.
       3. Warranty period: Five (5) years.
    2. Suspension System No. 14: Suspension Tracks: 0.18-inch (5 mm) roll formed steel, supported by adjustable steel hanger brackets connected to structural support pairs of 1/2-inch (13 mm) diameter threaded rods. Brackets must support load bearing surface of track.
       1. Exposed Track Soffit: Steel, removable for service and maintenance. Attached to track bracket without exposed fasteners. Pre-painted off-white.
       2. Carriers: One all-steel trolley with steel tired ball bearing wheels per panel, except hinged panels. Non-steel tires are not acceptable.
       3. Warranty period: Twenty (20) years.

\*\* NOTE TO SPECIFIER \*\* The following items are optional Delete items not required.

* + 1. Single Pass Doors: Matching thickness and appearance of panels. ADA compliant. Trimless. Equipped for panic operation. No threshold permitted.
       1. Hardware: Recessed lever handle and panic hardware

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

* + - * 1. Automatic door closures.
        2. Self-Illuminated Chemical Exit Signs: Surface mount.
        3. Photo Luminescent Exit Signs: Surface mount
    1. Work Surface Markerboard: White enamel on steel, bonded to the face of the panel with horizontal trim without exposed fasteners. Trim is not acceptable on vertical edges to provide uninterrupted work surface.
    2. Accessories and Options: Pocket Doors: Acousti-Seal Pocket Doors by Modernfold, Inc., Non-Fire Rated construction.
    3. Intersecting partition interface.

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

* 1. CONTINUOUSLY HINGED PANEL PARTITIONS, ELECTRIC OPERATION (933 PREMIER)
     1. Product: Acousti-Seal Premier 933E Operable Partition by Modernfold, Inc. Electrically operated series of continuously hinged panels, top supported with operable floor seals.

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

* + - 1. Final Closure: Side Jamb with overlapping trail panel.
      2. Final Closure: Side Jamb with overlapping trail panel with Presto Automation Package by Modernfold.
      3. Final Closure: Side Seal with pocket door interface; remote stack only.
    1. Partition Operation: Push Button Control Stations: 2 stations, wired in series, on opposite sides and opposite ends of partition. Control Station Activation: Key switch at stack end of partition. Presto Automation Package with Touch Screen Control Station by Modernfold, Inc.
    2. Motor: Reversible, continuous duty, and class A insulated. Enclosure: Open and drip proof.
       1. Service Factor: NEMA MG 1. High starting torque. Thermal overload protection.
       2. Wiring: NFPA 70 and UL 508A compliant. Controls: 24 volt controls. Speed: 28 fpm
       3. Outboard limit switches to prevent over-extension.
       4. Positive Chain Drive: Attached to lead panel. Pulls partition across the opening.

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

* + - 1. 115-volt, 1-phase, 1 HP, 14.0 FLA.
      2. 208/230-volt, 1-phase, 1 HP, 7.0 FLA.
      3. 208/230-volt, 3-phase, 1 HP, 4.5 FLA.
      4. 460-volt, 3-phase, 1 HP, 2.0 FLA.
      5. 208/230-volt, 3-phase, 1-1/2 HP, 5.2 FLA.
    1. Panel Construction: 3 inch (76 mm) thick. Widths: Standard 48 inch (1220 mm).
       1. Horizontal/Vertical Framing: 18 gage formed steel. Overlapped and welded corners.
       2. Top Channel: Reinforced to support suspension system components.
       3. Full Vertical Panel Edges: Formed steel for concealed protection of panel skin edges.
       4. Panel Skins: 1/2 inch (13 mm) NAUF medium density fiberboard, single material or composite layers continuously bonded to panel frame. Acoustical ratings of panels with this construction.

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

* + - * 1. STC: 47. 7 lbs per sq ft.
        2. STC: 50. 8 lbs per sq ft.
      1. Hinges for Panels, Closure Panels, Pass Doors, and Pocket Doors: Full leaf butt hinges, attached to panel frame with welded hinge anchor plates within panel to support hinge mounting to frame. Lifetime hinge warranty.
      2. Panel Trim: No vertical trim on panel edges. Minimal groove at panel joints.

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

* + - 1. Panel Face Finish: Reinforced vinyl with woven backing weighing 21 ounces (595 g) per lineal yard.
      2. Panel Face Finish: Reinforced heavy-duty vinyl with woven backing weighing 30 ounces (850 g) per lineal yard.
      3. Panel Face Finish: Acoustical, non-woven needle punch carpet, with fused fibers to prevent unraveling or fray of material.
      4. Panel Face Finish: Wall covering and upholstery fabric with surface treatment to resist stains.
      5. Panel Face Finish: Customer's own material (subject to factory approval).
      6. Panel Face Finish: Full height steel markerboard work surface.
      7. Panel Face Finish: Full height 1/4-inch (6.35 mm) natural cork tackboard with vinyl or fabric covering.
      8. Panel Face Finish: High pressure plastic laminate on MDF board.
      9. Panel Face Finish: Wood veneer on MDF board.
      10. Panel Face Finish: Uncovered for field finishing.
      11. Panel Trim: Exposed panel trim of one consistent color.

\*\* NOTE TO SPECIFIER \*\* Delete exposed panel trim options not required.

* + - 1. Exposed Panel Trim Color: Dark Bronze.
      2. Exposed Panel Trim Color: Smoke Gray
      3. Exposed Panel Trim Color: Natural Choice
    1. Sound Seals:
       1. Vertical Interlocking Sound Seals Between Panels: Roll-formed steel astragals. Reversible tongue and groove configuration in each panel edge for universal panel operation.
       2. Horizontal Top Seals: Continuous contact extruded vinyl bulb shape with pairs of non-contacting vinyl fingers to prevent distortion without mechanically operated parts.

\*\* NOTE TO SPECIFIER \*\* Delete horizontal bottom seals option not required.

* + - 1. Horizontal Bottom Seals: A2. Automatic operable seals drop as panels are positioned, without tools or cranks. Operating Clearance: 2 inch (51 mm). Operating Range: Plus 1/2 inch (13 mm) to minus 1-1/2 inch (38 mm).
      2. Floating Operable Bottom Seal: Operating Clearance: 23-1/2 inch (89 mm). Operating Range: Plus 1/2 inch (15 mm) to minus 3 inch (76 mm). Provides continuous floor contact as panels are positioned with not tools.
         1. Carpet Glides: For carpet flooring.
         2. Swivel Casters: For hard surface flooring.

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

* + 1. No. 14 Suspension System: Suspension Tracks: 0.18-inch (5 mm) roll-formed steel supported by adjustable steel hanger brackets connected to structural support by pairs of 1/2 inch (13 mm) diameter threaded rods. Brackets must support the load bearing surface of the track.
       1. Exposed track soffit: Steel, removable for service and maintenance, attached to track bracket without exposed fasteners, and pre-painted off-white.
       2. Carriers: All-steel trolleys with steel-tired ball bearing wheels.
       3. Warranty period: Ten (10) years.
    2. No. 30 Suspension System: Suspension Tracks: Structural aluminum. Supported by adjustable steel hanger brackets connected to structural supports by pairs of 3/8 inch (9.5 mm) diameter threaded rods.
       1. Exposed Track Soffit: Integral to track shape. Finish: Powder-coated off white paint. Accommodates plenum sound barrier terminations on both sides of track.
       2. Carriers: One trolley per panel. Wheels: 3 inch (76 mm) diameter glass-nylon steel precision-ground ball-bearing. Steel-wheeled or reinforced polymer trolleys on aluminum track not permitted. Trolley to Panel Attachment: 1/2-inch (13 mm) diameter pendent bolt mounted to welded steel mounting plate.
       3. Warranty period: Two (2) years.

\*\* NOTE TO SPECIFIER \*\* The following items are optional Delete items not required.

* + 1. Single Pass Doors: Matching thickness and appearance of panels. ADA-compliant equipped with friction latch and flush pulls for panic operation. No threshold permitted.
       1. Hardware:

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

* + - * 1. Hand pull with push plate.
        2. Lever handles both sides of door
        3. Automatic door closer.
        4. Door viewer.
        5. Self-Illuminated Chemical Exit Sign: Recess mount.
    1. Work Surface Markerboard: White enamel on steel, bonded to face of panel with horizontal trim without exposed fasteners. Trim is not acceptable on vertical edges.
    2. Work Surface Tackboard: 1/4-inch (6.35 mm) natural cork, covered with vinyl or fabric, with horizontal trim without exposed fasteners. Trim is not acceptable on vertical edges.
    3. "Presto" Safety Components:
       1. Presto Safety Nose (Wireless): Highly sensitive pressure leading edge. 2.2 lbs of pressure stops partition movement. Sensing edge to be in fluid resistant housing and set in snap-in channel for easy maintenance. Wiring: 4-lead fail-safe.
       2. Presto Safety Mats: At panel storage area. Activates with presence of 22 lbs force on mats in stack area. Prevents panels from stacking until personnel or obstruction is removed. Wiring: 4-lead fail-safe.
       3. Presto Vision (PIR/Microwave Detector): Wall or ceiling mounted motion sensors covering the travel area of automated partitions. Automatically stops panel movement in presence obstruction or unauthorized movement is detected. Motion Detection Area (LxWxH): 300 x 7.5 x 10 ft. (91 x 2.3 x 3 m). Equipped with anti-masking protection.
    4. Pocket Doors: Acousti-Seal Pocket Doors by Modernfold, Inc., with same construction, finish, and appearance as the adjacent panels. Equipped with electric interlock system.
    5. Accessories:
       1. Finished end caps.
       2. Intersecting partition interface.
       3. Window Frame: Aluminum, glazed.
       4. Window Frame: Aluminum, unglazed.
       5. Window Frame: Wood, glazed.
       6. Window Frame: Wood, unglazed.
       7. Inset Window Glazing: Clear Tempered Glass: 1/4 inch (6 mm). Aluminum frame.
       8. Inset Window Glazing: Clear Tempered Glass: 1/4 inch (6 mm). Wood frame.
       9. Inset Window Glazing: Low Iron Tempered Glass: 1/4 inch (6 mm). Aluminum frame.
       10. Inset Window Glazing: Low Iron Tempered Glass: 1/4 inch (6 mm). Wood frame.
       11. Inset Window Glazing: Lexan: 1/4 inch. Aluminum frame.
       12. Inset Window Glazing: Clear Tempered Glass: 1/2 inch (13 mm). Wood frame.
       13. Inset Window Glazing: Low Iron Tempered Glass: 1/2 inch (13 mm). Wood frame.
    6. Resilient Padding: 1/2 inch (13 mm) resilient material covered with heavy-duty vinyl.

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

* 1. CONTINUOUSLY HINGED PANEL PARTITIONS, ELECTRIC OPERATION (933E LEGACY)
     1. Product: Acousti-Seal Premier 933E Operable Partition by Modernfold, Inc. Electrically operated series of continuously hinged panels, top supported with operable floor seals.

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

* + - 1. Final Closure: Side Jamb with overlapping trail panel.
      2. Final Closure: Side Jamb with overlapping trail panel with Presto Automation Package by Modernfold.
      3. Final Closure: Side Seal with pocket door interface; remote stack only.
    1. Partition Operation: Push Button Control Stations: 2 stations, wired in series, on opposite sides and opposite ends of partition. Control Station Activation: Key switch at stack end of partition. Presto Automation Package with Touch Screen Control Station by Modernfold, Inc.
    2. Motor: Reversible, continuous duty, and class A insulated. Enclosure: Open and drip proof.
       1. Service Factor: NEMA MG 1. High starting torque. Thermal overload protection.
       2. Wiring: NFPA 70 and UL 508A compliant. Controls: 24 volt controls. Speed: 28 fpm.
       3. Outboard limit switches to prevent over-extension.
       4. Positive Chain Drive: Attached to lead panel pulls partition across the opening.

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

* + - 1. 115-volt, 1-phase, 1 HP, 14.0 FLA.
      2. 208/230-volt, 1-phase, 1 HP, 7.0 FLA.
      3. 208/230-volt, 3-phase, 1 HP, 4.5 FLA.
      4. 460-volt, 3-phase, 1 HP, 2.0 FLA.
      5. 208/230-volt, 3-phase, 1-1/2 HP, 5.2 FLA.
    1. Panel Construction: 3 inch (76 mm) thick. Widths: Standard 48 inch (1220 mm).
       1. Horizontal/Vertical Framing: 18 gage formed steel. Overlapped and welded corners.
       2. Top Channel: Reinforced to support suspension system components.
       3. Full Vertical Panel Edges: Formed steel for concealed protection of panel skin edges.

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

* + - 1. Panel Skins: Roll-formed 21-gage steel wrapping around panel edge. Lock formed and welded to frame for unitized construction. Acoustical Ratings of Panels:

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

STC: 28. 6 lbs per sq ft.

STC: 50. 8 lbs per sq ft.

STC: 52. 11 lbs per sq ft.

* + - 1. Panel Skins: Roll-formed 21 gage Micro-perforated steel with sound absorptive backing, wrapped around panel edge on 50 percent of panel faces. Lock formed and welded to frame for unitized construction. Acoustical ratings of panels:
         1. STC: 45. Net with NRC construction.
         2. NRC: 0.65 with wall covering and upholstery fabric or non-woven needle punch carpet covering.
      2. Hinges for Panels, Closure Panels, Pass Doors, and Pocket Doors: Full Leaf Butt Hinges: Attached to panel frame with welded hinge anchor plates within panel to support hinge mounting to frame. Lifetime hinge warranty.
      3. Panel Trim: No vertical trim on panel edges. Minimal groove at panel joints.

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

* + - 1. Panel Face Finish: Reinforced vinyl with woven backing weighing 21 ounces (595 g) per lineal yard.
      2. Panel Face Finish: Reinforced heavy-duty vinyl with woven backing weighing 30 ounces (850 g) per lineal yard.
      3. Panel Face Finish: Acoustical, non-woven needle punch carpet, with fused fibers to prevent unraveling or fray of material.
      4. Panel Face Finish: Wall covering and upholstery fabric with surface treatment to resist stains.
      5. Panel Face Finish: Customer's own material (subject to factory approval).
      6. Panel Face Finish: Full height steel markerboard work surface.
      7. Panel Face Finish: Full height 1/4-inch (6.35 mm) natural cork tackboard with vinyl or fabric covering.
      8. Panel Face Finish: Uncovered for field finishing.
      9. Panel Face Finish: Primed for field finishing.

\*\* NOTE TO SPECIFIER \*\* Delete exposed panel trim options not required.

* + - 1. Exposed Panel Trim Color: Dark Bronze.
      2. Exposed Panel Trim Color: Smoke Gray
      3. Exposed Panel Trim Color: Natural Choice
    1. Sound Seals:
       1. Vertical Interlocking Sound Seals Between Panels: Roll-formed steel astragals. Reversible tongue and groove configuration in each panel edge for universal panel operation.
       2. Horizontal Top Seals: Continuous contact extruded vinyl bulb shape with pairs of non-contacting vinyl fingers to prevent distortion without mechanically operated parts.

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

* + - 1. Horizontal Bottom Seals: A2. Automatic operable seals drop as panels are positioned, without tools or cranks. Operating Clearance: 2 inch (51 mm). Operating Range: Plus 1/2 inch (13 mm) to minus 1-1/2 inch (38 mm).
      2. Floating Operable Bottom Seal: Operating Clearance: 23-1/2 inch (89 mm). Operating Range: Plus 1/2 inch (15 mm) to minus 3 inch (76 mm). Provides continuous floor contact as panels are positioned with not tools.
         1. Carpet Glides: For carpet flooring.
         2. Swivel Casters: For hard surface flooring.

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

* + 1. No. 14 Suspension System: Suspension Tracks: 0.18-inch (5 mm) roll-formed steel supported by adjustable steel hanger brackets connected to structural support by pairs of 1/2 inch (13 mm) diameter threaded rods. Brackets must support load bearing surface of track.
       1. Exposed track soffit: Steel, removable for service and maintenance, attached to track bracket without exposed fasteners, and pre-painted off-white.
       2. Carriers: All-steel trolleys with steel-tired ball bearing wheels.
       3. Warranty period: Ten (10) years.
    2. No. 30 Suspension System: Suspension Tracks: Structural aluminum. Supported by adjustable steel hanger brackets connected to structural supports by pairs of 3/8 inch (9.5 mm) diameter threaded rods.
       1. Exposed Track Soffit: Integral to track shape. Finish: Powder-coated off white paint. Accommodates plenum sound barrier terminations on both sides of track.
       2. Carriers: One trolley per panel. Wheels: 3 inch (76 mm) diameter glass-nylon steel precision-ground ball-bearing. Steel-wheeled or reinforced polymer trolleys on aluminum track not permitted. Trolley to Panel Attachment: 1/2-inch (13 mm) diameter pendent bolt mounted to welded steel mounting plate.
       3. Warranty period: Two (2) years.

\*\* NOTE TO SPECIFIER \*\* The following items are optional Delete items not required.

* + 1. Single Pass Doors: Matching thickness and appearance of panels. ADA-compliant equipped with friction latch and flush pulls for panic operation. No threshold permitted.
       1. Hardware:

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

* + - * 1. Hand pull with push plate.
        2. Lever handles both sides of door
        3. Automatic door closer.
        4. Door viewer.
        5. Self-Illuminated Chemical Exit Sign: Recess mount.
    1. Work Surface Markerboard: White enamel on steel, bonded to face of panel with horizontal trim without exposed fasteners. Trim is not acceptable on vertical edges.
    2. Work Surface Tackboard: 1/4-inch (6.35 mm) natural cork, covered with vinyl or fabric, with horizontal trim without exposed fasteners. Trim is not acceptable on vertical edges.
    3. "Presto" Safety Components:
       1. Presto Safety Nose (Wireless): Highly sensitive pressure leading edge. 2.2 lbs of pressure stops partition movement. Sensing edge to be in fluid resistant housing and set in snap-in channel for easy maintenance. Wiring: 4-lead fail-safe.
       2. Presto Safety Mats: At panel storage area. Activates with presence of 22 lbs force on mats in stack area. Prevents panels from stacking until personnel or obstruction is removed. Wiring: 4-lead fail-safe.
       3. Presto Vision (PIR/Microwave Detector): Wall or ceiling mounted motion sensors covering the travel area of automated partitions. Automatically stops panel movement in presence obstruction or unauthorized movement is detected. Motion Detection Area (LxWxH): 300 x 7.5 x 10 ft. (91 x 2.3 x 3 m). Equipped with anti-masking protection.
    4. Pocket Doors: Acousti-Seal Pocket Doors by Modernfold, Inc., with same construction, finish, and appearance as the adjacent panels. Equipped with electric interlock system.
    5. Accessories:
       1. Finished end caps.
       2. Intersecting partition interface.
       3. Window Frame: Aluminum, glazed.
       4. Window Frame: Aluminum, unglazed.
       5. Window Frame: Wood, glazed.
       6. Window Frame: Wood, unglazed.
       7. Inset Window Glazing: Clear Tempered Glass: 1/4 inch (6 mm). Aluminum frame.
       8. Inset Window Glazing: Clear Tempered Glass: 1/4 inch (6 mm). Wood frame.
       9. Inset Window Glazing: Low Iron Tempered Glass: 1/4 inch (6 mm). Aluminum frame.
       10. Inset Window Glazing: Low Iron Tempered Glass: 1/4 inch (6 mm). Wood frame.
       11. Inset Window Glazing: Lexan: 1/4 inch. Aluminum frame.
       12. Inset Window Glazing: Clear Tempered Glass: 1/2 inch (13 mm). Wood frame.
       13. Inset Window Glazing: Low Iron Tempered Glass: 1/2 inch (13 mm). Wood frame.
    6. Resilient Padding: 1/2 inch (13 mm) resilient material covered with heavy-duty vinyl.

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

* 1. CONTINUOUSLY HINGED PANEL PARTITIONS, ELECTRIC OPERATION (ENCORE NO. 20)
     1. Products: Acousti-Seal Encore Automated No. 20 Track System by Modernfold, Inc. Series of continuously hinged flat panels, electrically operated, top supported with operable floor seals and automatic top seals.

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

* + - 1. Final Closure: Electric expanding jamb sealing to panel edge. Manual closures or side seal closures not permitted. Floor track not required or permitted.
      2. Final Closure: Electric expanding jamb sealing to panel edge with Presto Automation Package by Modernfold. Floor track not required or permitted.
      3. Final Closure: Remote closure with expanding panel edge with removable crank. Floor track not required or permitted.
    1. Partition Operation: Push Button Control Stations: 2 stations, wired in series, on opposite sides and opposite ends of partition. Control Station Activation: Key switch at stack end of partition. Presto Automation Package with Touch Screen Control Station by Modernfold, Inc.
    2. Motor: Reversible, continuous duty, and class A insulated. Enclosure: Open and drip proof.
       1. Service Factor: NEMA MG 1. High starting torque. Thermal overload protection.
       2. Wiring: NFPA 70 and UL 508A compliant. Controls: 24 volt controls. Speed: 28 fpm.
       3. Outboard limit switches to prevent over-extension.
       4. Positive Chain Drive: Attached to lead panel pulls partition across the opening.

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

* + - 1. 208/230-volt, 3-phase, 1-1/2 HP, 4.5/4.3 FLA.
      2. 460-volt, 3-phase, 1-1/2 HP, 2.2 FLA.
      3. 208/230-volt, 3-phase, 3 HP, 9/8.4 FLA.
      4. 460-volt, 3-phase, 3 HP, 2 FLA.
    1. Panel Construction: 4-1/4 inch (108 mm) thick. Widths: Standard 51 inch (1295 mm).
       1. Horizontal/Vertical Framing: 16 gage formed steel. Overlapped and welded corners.
       2. Top Channel: Reinforced to support suspension system components.
       3. Full Vertical Panel Edges: Formed steel for concealed protection of panel skin edges.
       4. Panel Skins: Roll-formed steel wrapping around panel edge. Lock formed and welded to frame for unitized construction. Acoustical ratings of panels with this construction:
          1. STC: 52. 21-gage steel. 8.2 lbs per sq ft.
          2. STC: 54. 21-gage steel. 9.5 lbs per sq ft.
          3. STC: 56. 16-gage steel. 11.9 lbs per sq ft.
       5. Hinges for Pass Doors, and Pocket Doors:

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

* + - * 1. Full Leaf Butt Hinges: Attached to panel frame with welded hinge anchor plates within panel to support hinge mounting to frame. Lifetime hinge warranty.
        2. SOSS Invisible Laminated Hinge: With antifriction segments mounted between heat-treated links. Hinge is attached to panel frame. Welded internal hinge bracket supports the hinge and allows adjustment of hinge plates.
      1. Panel Trim: No vertical trim on panel edges. Minimal groove at panel joints.

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

* + - 1. Panel Face Finish: Reinforced vinyl with woven backing weighing not less than 21 ounces (595 g) per lineal yard.
      2. Panel Face Finish: Reinforced heavy-duty vinyl with woven backing weighing not less than 30 ounces (850 g) per lineal yard.
      3. Panel Face Finish: Acoustical, non-woven needle punch carpet, with fused fibers to prevent unraveling or fray of material.
      4. Panel Face Finish: Wall covering and upholstery fabric with surface treatment to resist stains.
      5. Panel Face Finish: Customer's own material (subject to factory approval).
      6. Panel Face Finish: Full height steel markerboard work surface.
      7. Panel Face Finish: Full height 1/4-inch (6.35 mm) natural cork tackboard with vinyl or fabric covering.
      8. Panel Face Finish: Uncovered for field finishing.
      9. Panel Face Finish: Primed for field finishing.

\*\* NOTE TO SPECIFIER \*\* Delete exposed panel trim options not required.

* + - 1. Exposed Panel Trim Color: Dark Bronze.
      2. Exposed Panel Trim Color: Smoke Gray
      3. Exposed Panel Trim Color: Natural Choice
    1. Sound Seals:
       1. Vertical Interlocking Sound Seals Between Panels: Roll-formed steel astragals. Tongue and groove configuration in each panel edge.
       2. Horizontal Top Seals: Modernfold SureSet Touch Top Seal, STT. Continuous contact operable seals. Operating Clearance: 1-3/8 inch (35 mm). Operating Range: Plus or minus 3/16 inch (5 mm). Provides continuous track soffit contact as panels are positioned with no tools.

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

* + - 1. Horizontal Bottom Seals: SA2E. Automatic bottom seals which drop as panels are positioned. Operating Clearance: 2 inch (51 mm). Operating Range: Plus 1/2 inch (13 mm) to minus 1-1/2-inch (38 mm). Exerts 120 lbs (54 kg) downward force to floor.
      2. Horizontal Touch Bottom Seals: ST2. Continuous contact operable seals provide continuous floor contact as panels are positioned. Operating Clearance: 2 inch (51 mm). Operating Range: Plus 1/2 inch (13 mm) to minus 1-1/2-inch (38 mm).
      3. Horizontal Touch Bottom Seals: ST4. Continuous contact operable seals provide continuous floor contact as panels are positioned. Operating Clearance: 4 inch (102 mm). Operating Range: Plus 1/2 inch (13 mm) to minus 3-1/2-inch (89 mm).
    1. Suspension System: No. 20. Suspension Tracks: 0.31 inch (8 mm) roll-formed steel supported by adjustable steel hanger brackets connected to structural support by pairs of 5/8 inch (16 mm) diameter threaded rods. Brackets must support load bearing surface of track.
       1. Exposed Track Soffit: Steel. Removable for service and maintenance. Attached to track bracket without exposed fasteners, and pre-painted off-white.
       2. Carriers: All-steel trolleys with steel-tired ball bearing wheels.
       3. Warranty period: Ten (10) years.

\*\* NOTE TO SPECIFIER \*\* The following items are optional Delete items not required.

* + 1. Single Pass Doors: Matching thickness and appearance of panels. ADA-compliant equipped with friction latch and flush pulls for panic operation. No threshold permitted.
       1. Hardware:
          1. Hand pull with push plate.
          2. Lever handles both sides of door.
          3. Automatic door closer.
          4. Door viewer.
          5. Self-Illuminated Chemical Exit Sign: Recess mount.
    2. Work Surface Markerboard: White enamel on steel, bonded to face of panel with horizontal trim without exposed fasteners. Trim is not acceptable on vertical edges.
    3. Work Surface Tackboard: 1/4-inch (6.35 mm) natural cork, covered with vinyl or fabric, with horizontal trim without exposed fasteners. Trim is not acceptable on vertical edges.
    4. "Presto" Safety Components:
       1. Presto Safety Nose (Wireless): Highly sensitive pressure leading edge. 2.2 lbs of pressure stops partition movement. Sensing edge to be in fluid resistant housing and set in snap-in channel for easy maintenance. Wiring: 4-lead fail-safe.
       2. Presto Safety Mats: At panel storage area. Activates with presence of 22 lbs force on mats in stack area. Prevents panels from stacking until personnel or obstruction is removed. Wiring: 4-lead fail-safe.
       3. Presto Vision (PIR/Microwave Detector): Wall or ceiling mounted motion sensors covering the travel area of automated partitions. Automatically stops panel movement in presence obstruction or unauthorized movement is detected. Motion Detection Area (LxWxH): 300 x 7.5 x 10 ft. (91 x 2.3 x 3 m). Equipped with anti-masking protection.
    5. Pocket Doors: Acousti-Seal Pocket Doors by Modernfold, Inc., with same construction, finish, and appearance as the adjacent panels. Equipped with electric interlock system.
    6. Intersecting partition interface.
  1. CONTINUOUSLY HINGED PANEL PARTITIONS, ELECTRIC OPERATION (ENCORE NO. 14 AND 30)
     1. Products: Acousti-Seal Encore Automated Track Systems by Modernfold, Inc. Series of continuously hinged flat panels, electrically operated, top supported with operable floor seals and automatic top seals.

\*\* NOTE TO SPECIFIER \*\* Delete product number series option not required.

* + - 1. Product No. 14 Series.
      2. Product No. 30 Series.

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

* + - 1. Final Closure: Electric expanding jamb sealing to panel edge. No floor track.
      2. Final Closure: Electric expanding jamb sealing to panel edge with Presto Automation Package by Modernfold. No floor track.
      3. Final Closure: Hinged panel. Expanding panel edge with removable crank. No floor track.
      4. Final Closure: Remote closure with expanding panel edge with removable crank. No floor track.
    1. Partition Operation: Push Button Control Stations: 2 stations, wired in series, on opposite sides and opposite ends of partition. Control Station Activation: Key switch at stack end of partition. Presto Automation Package with Touch Screen Control Station by Modernfold, Inc.
    2. Motor: Reversible, continuous duty, and class A insulated. Enclosure: Open and drip proof.
       1. Service Factor: NEMA MG 1. High starting torque. Thermal overload protection.
       2. Wiring: NFPA 70 and UL 508A compliant. Controls: 24 volt controls. Speed: 28 fpm.
       3. Outboard limit switches to prevent over-extension.
       4. Positive Chain Drive: Attached to lead panel pulls partition across the opening.

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

* + - 1. 115-volt, 1-phase, 1 HP, 14.0 FLA.
      2. 208/230-volt, 1-phase, 1 HP, 7.0 FLA.
      3. 208/230-volt, 3-phase, 1 HP, 4.5 FLA.
      4. 460-volt, 3-phase, 1 HP, 2.0 FLA.
      5. 208/230-volt, 3-phase, 1-1/2 HP, 5.2 FLA.
    1. Panel Construction: 4-1/4 inch (108 mm) thick. Widths: Standard 51 inch (1295 mm).
       1. Horizontal/Vertical Framing: 16 gage formed steel. Overlapped and welded corners.
       2. Top Channel: Reinforced to support suspension system components.
       3. Full Vertical Panel Edges: Formed steel for concealed protection of panel skin edges.
       4. Panel Skins: Roll-formed steel wrapping around panel edge. Lock formed and welded to frame for unitized construction. Acoustical ratings of panels with this construction:
          1. STC: 52. 21-gage steel. 8.2 lbs per sq ft.
          2. STC: 54. 21-gage steel. 9.5 lbs per sq ft.
          3. STC: 56. 16-gage steel. 11.9 lbs per sq ft.
       5. Hinges for Pass Doors, and Pocket Doors:

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

* + - * 1. Full Leaf Butt Hinges: Attached to panel frame with welded hinge anchor plates within panel to support hinge mounting to frame. Lifetime hinge warranty.
        2. SOSS Invisible Laminated Hinge: With antifriction segments mounted between heat-treated links. Hinge is attached to panel frame. Welded internal hinge bracket supports the hinge and allows adjustment of hinge plates.
      1. Panel Trim: No vertical trim on panel edges. Minimal groove at panel joints.

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

* + - 1. Panel Face Finish: Reinforced vinyl with woven backing weighing not less than 21 ounces (595 g) per lineal yard.
      2. Panel Face Finish: Reinforced heavy-duty vinyl with woven backing weighing not less than 30 ounces (850 g) per lineal yard.
      3. Panel Face Finish: Acoustical, non-woven needle punch carpet, with fused fibers to prevent unraveling or fray of material.
      4. Panel Face Finish: Wall covering and upholstery fabric with surface treatment to resist stains.
      5. Panel Face Finish: Customer's own material (subject to factory approval).
      6. Panel Face Finish: Full height steel markerboard work surface.
      7. Panel Face Finish: Full height 1/4 inch (6.35 mm) natural cork tackboard with vinyl or fabric covering.
      8. Panel Face Finish: Uncovered for field finishing.
      9. Panel Face Finish: Primed for field finishing.

\*\* NOTE TO SPECIFIER \*\* Delete exposed panel trim options not required.

* + - 1. Exposed Panel Trim Color: Dark Bronze.
      2. Exposed Panel Trim Color: Smoke Gray
      3. Exposed Panel Trim Color: Natural Choice
    1. Sound Seals:
       1. Vertical Interlocking Sound Seals between panels: Roll-formed steel astragals, with tongue and groove configuration in each panel edge.
       2. Horizontal Top Seals: Modernfold SureSet. Automatic operable top seals.

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

* + - 1. Horizontal Bottom Seals: SA2E. Automatic bottom seals which drop as panels are positioned. Operating Clearance: 2 inch (51 mm). Operating Range: Plus 1/2 inch (13 mm) to minus 1-1/2-inch (38 mm). Exerts 120 lbs (54 kg) downward force to floor.
      2. Horizontal Touch Bottom Seals: ST2. Continuous contact operable seals provide continuous floor contact as panels are positioned. Operating Clearance: 2 inch (51 mm). Operating Range: Plus 1/2 inch (13 mm) to minus 1-1/2-inch (38 mm).
      3. Horizontal Touch Bottom Seals: ST4. Continuous contact operable seals provide continuous floor contact as panels are positioned. Operating Clearance: 4 inch (102 mm). Operating Range: Plus 1/2 inch (13 mm) to minus 3-1/2-inch (89 mm).

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

* + 1. No. 14 Suspension System: Suspension Tracks: 0.18-inch (5 mm) roll-formed steel supported by adjustable steel hanger brackets connected to structural support by pairs of 1/2 inch (13 mm) diameter threaded rods. Brackets must support load bearing surface of track.
       1. Exposed track soffit: Steel, removable for service and maintenance, attached to track bracket without exposed fasteners, and pre-painted off-white.
       2. Carriers: All-steel trolleys with steel-tired ball bearing wheels.
       3. Warranty period: Ten (10) years.
    2. No. 30 Suspension System: Suspension Tracks: Structural aluminum. Supported by adjustable steel hanger brackets connected to structural supports by pairs of 3/8 inch (9.5 mm) diameter threaded rods.
       1. Exposed Track Soffit: Integral to track shape. Finish: Powder-coated off white paint. Accommodates plenum sound barrier terminations on both sides of track.
       2. Carriers: One trolley per panel. Wheels: 3 inch (76 mm) diameter glass-nylon steel precision-ground ball-bearing. Steel-wheeled or reinforced polymer trolleys on aluminum track not permitted. Trolley to Panel Attachment: 1/2-inch (13 mm) diameter pendent bolt mounted to welded steel mounting plate.
       3. Warranty period: Two (2) years.

\*\* NOTE TO SPECIFIER \*\* The following items are optional Delete items not required.

* + 1. Single Pass Doors: Matching thickness and appearance of panels. ADA-compliant equipped with friction latch and flush pulls for panic operation. No threshold permitted.
       1. Hardware:

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

* + - * 1. Hand pull with push plate.
        2. Lever handles both sides of door
        3. Automatic door closer.
        4. Door viewer.
        5. Self-Illuminated Chemical Exit Sign: Recess mount.
    1. Work Surface Markerboard: White enamel on steel, bonded to face of panel with horizontal trim without exposed fasteners. Trim is not acceptable on vertical edges.
    2. Work Surface Tackboard: 1/4-inch (6.35 mm) natural cork, covered with vinyl or fabric, with horizontal trim without exposed fasteners. Trim is not acceptable on vertical edges.
    3. "Presto" Safety Components:
       1. Presto Safety Nose (Wireless): Highly sensitive pressure leading edge. 2.2 lbs of pressure stops partition movement. Sensing edge to be in fluid resistant housing and set in snap-in channel for easy maintenance. Wiring: 4-lead fail-safe.
       2. Presto Safety Mats: At panel storage area. Activates with presence of 22 lbs force on mats in stack area. Prevents panels from stacking until personnel or obstruction is removed. Wiring: 4-lead fail-safe.
       3. Presto Vision (PIR/Microwave Detector): Wall or ceiling mounted motion sensors covering the travel area of automated partitions. Automatically stops panel movement in presence obstruction or unauthorized movement is detected. Motion Detection Area (LxWxH): 300 x 7.5 x 10 ft. (91 x 2.3 x 3 m). Equipped with anti-masking protection.
    4. Pocket Doors: Acousti-Seal Pocket Doors by Modernfold, Inc., with same construction, finish, and appearance as the adjacent panels. Equipped with electric interlock system.
    5. Intersecting partition interface.

\*\* NOTE TO SPECIFIER \*\* Delete article if not required as a suspension system.

* 1. ACCORDION FOLDING DOORS (SOUNDMASTER)

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

* + 1. Product: Soundmaster No. 8 Accordion Folding Partition Modernfold, Inc. Manually operated, top supported. STC: 39.
    2. Product: Soundmaster No. 12 Accordion Folding Partition by Modernfold, Inc. Manually operated, top supported. STC: 40.
    3. Construction:
       1. Steel Hinge Plates: Welded to 3/16 inch (5 mm) vertical steel rods, with a single row of plates at bottom and top with intermediate rows at 42 inch (1067 mm) on center.
       2. Partitions 10 ft (3048 mm) High or Over: Double row of hinge plates at the top.
       3. Frame Assembly Support: High tensile alloy steel trolley yoke, functioning as a hinge pin at required intervals.
       4. Sound Transmission of Folding Partition: Tested by an independent acoustical laboratory, in accordance with ASTM E90, classified in accordance with ASTM E413.

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

* + - 1. Partition Face Finish: Reinforced heavy-duty vinyl. Woven backing. 30 oz per yard.
      2. Partition Face Finish: Acoustical, non-woven needle punch carpet, with fused fibers to prevent unraveling or fray of material.
      3. Partition Face Finish: Wall covering and upholstery fabric. Stain resistant surface treatment.
      4. Partition Face Finish: Customer's own material (subject to factory approval).
      5. Partition Trim: Exposed sweep strips of one consistent color.
    1. Sound Seals:
       1. Pairs of three-layer flexible sweep strips at top and bottom. Vertical Female Sound Channel: Polyurethane foam lined.
       2. Sound Insulation: 24-gage, V-grooved steel panels and heavy duty flame resistant acoustical membrane. Each panel attaches to frame with steel leaf fasteners.
       3. Pairs of Flexible Sweep Strips: At top and bottom of partition. Air release for air trapped within the folding partition is accomplished during operation by a series of 3/8 inch (9.5 mm) diameter holes through the lead post molding.
    2. Hardware: Hand Pulls: Die-cast zinc. Grip type. Finish: satin chrome.
    3. Suspension System: Track and trolley sizes matched to size of partitions.
       1. Tracks: Continuous "C" channel shaped track, connected to structural support.
       2. Carriers: Accordion partitions suspended from track by two-wheel intermediate and four-wheel lead trolley assemblies.

\*\* NOTE TO SPECIFIER \*\* System No. 5 applies to Soundmaster No. only. Delete system options not required.

* + - 1. System No. 5.
      2. System No. 6.
      3. System No. 7.

\*\* NOTE TO SPECIFIER \*\* The remaining items are optional. Delete items not required.

* + 1. Electrical Operation: Drive mechanism: Roller chain. Auxiliary equipment including track with integral chain guides, roller chain, drive unit and motor, key operated control, overload safety device, and drive sprocket assemblies, supplied by partition manufacturer.
       1. Power Supply Circuits, Wiring, and Electrical Connection: By Electrical Contractor.
    2. Jamb-Lock: Back post secured to wall with the Jamb-Lock concealed within the back post. A quick means of releasing and reattaching partition for cleaning and decorative purposes.
    3. Manually Operated Partition Locks: Master-keyed cylinders by others. Locks: integral part of the pull. Satin chrome hand pulls

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

* + - 1. Manufacturer's standard locks.
      2. Manufacturer's master-keyed locks.

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

* 1. ACCORDION FOLDING DOORS (MODERNFOLD)
     1. Products: Modernfold No. 800 Accordion Folding Partition by Modernfold, Inc. Manually operated, top supported.
     2. Products: Modernfold No. 1200 Accordion Folding Partition by Modernfold, Inc. Manually operated, top supported.
     3. Construction:
        1. Steel Hinge Plates: Welded to 3/16 inch (5 mm) diameter vertical steel rods, with a single row of plates at bottom and top with intermediate rows at approximately 42 inch (1067 mm) on center.
        2. Partitions 13 ft ( mm) High or Over: Double row of hinge plates at the top.
        3. Frame Assembly Support: High tensile alloy steel trolley yoke, functioning as a hinge pin at required intervals.
        4. Partition Face Finish: Reinforced heavy-duty vinyl with woven backing weighing not less than 30 ounces per lineal yard.
        5. Partition Face Finish: Acoustical, non-woven needle punch carpet, with fused fibers to prevent unraveling or fray of material.
        6. Partition Face Finish: Wall covering and upholstery fabric with surface treatment to resist stains.
        7. Partition Face Finish: Customer's own material (subject to factory approval).
        8. Partition Trim: Exposed sweep strips of one consistent color.
     4. Hardware: Hand Pulls: Die-cast zinc. Grip type. Finish: Satin chrome.
     5. Suspension System: Track and trolley sizes matched to size of partitions.
        1. Tracks: Continuous "C" channel shaped track, connected to structural support.
        2. Carriers: Accordion folding partitions suspended from track by two-wheel intermediate and four-wheel lead trolley assemblies.

\*\* NOTE TO SPECIFIER \*\* System No. 5 applies to Modernfold 800 only. Delete system options not required.

* + - 1. System No. 5.
      2. System No. 6.
      3. System No. 7.

\*\* NOTE TO SPECIFIER \*\* The remaining items are optional. Delete items not required.

* + 1. Electrical Operation: Drive mechanism: Roller chain. Auxiliary equipment including track with integral chain guides, roller chain, drive unit and motor, key operated control, overload safety device, and drive sprocket assemblies, supplied by partition manufacturer.
       1. Power Supply Circuits, Wiring, and Electrical Connection: By Electrical Contractor.
    2. Jamb-Lock: Back post secured to wall with the Jamb-Lock concealed within the back post. A quick means of releasing and reattaching partition for cleaning and decorative purposes.
    3. Manually Operated Partition Locks: Master-keyed cylinders by others. Locks: integral part of the pull. Satin chrome hand pulls

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

* + - 1. Manufacturer's standard locks.
      2. Manufacturer's master-keyed locks.

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

* 1. TRUSS SYSTEM
     1. Product: Modernfold Truss System as manufactured by Modernfold, Inc. Shipped in sections and assembled on site. Custom assemblies which meet site conditions.
        1. Maximum Weight of any Component: 300 lbs.
        2. System Attachment to Building Structure: For lateral support only.
        3. Load of Truss and Partitions: Supported by column support tubes.
        4. Material: Factory fabricated steel.
        5. Base End Tube and I-Beam Sections: Bolt together truss has steel tube and steel I-beam sections with integral track attachments points.
        6. Column Support Tubes: 3 x 3 inch (76 x 76 mm) steel tubing.
           1. Attached to truss with steel brackets and bolts.
           2. Anchored to floor with concealed fasteners utilizing a base plate to limit the direct load on floor to 575 psi.
        7. Truss Bracing: For operational stability and set at each column support tube and centered in each I-beam section. Blocking for Truss Bracing: By others in accordance with the Drawings.

\*\* NOTE TO SPECIFIER \*\* the remaining items are optional Delete options not required.

* + - 1. Support Tube Column Cover. Covers tubes when not installed within finished wall. Match partition finish.

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

* + - * 1. Finish: Vinyl covering. Select color from Modernfold's offering.
        2. Finish: Fabric covering. Select color from Modernfold's offering.
        3. Finish: Carpet covering. Select color from Modernfold's offering.
        4. Finish: Uncovered for field painting.
        5. Finish: Cloth backed real wood veneer. Select color from Modernfold's offering.
      1. Base Plate. For each Column Support Tube. Limits direct load on floor to 350 psi.

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

* 1. PARTITION OPERATION AUTOMATION
     1. Product: Modernfold Presto Automation Package with Touch Screen Operator Control Station by Modernfold, Inc.
        1. Integrated Touch Screen Programmable Operator Control Station (OCS): Located at one end of partition. Activated by touch screen. Controls integrated safety system including Motor Unit, Wireless Safety nose, PIR obstruction detection, and stack area Safety Mats. Internet and or USB update capable.
        2. Wireless Safety Nose: High sensitivity pressure leading edge. 2.2 lbs of pressure stops partition movement in case of obstruction. Sensing Edge: In fluid resistant housing, in snap-in channel for easy maintenance. 4-lead fail-safe wiring.
        3. Safety Mats: At panel storage area. Activates with 22 lbs obstruction in stack area. Prevents panels from stacking until obstruction is removed. 4-lead fail-safe wiring.
        4. PIR/Microwave Detector: Wall or ceiling mounted motion sensors covering travel area of automated partition. Stops panel movement in presence of unauthorized movement or obstruction. Motion Detection Area (LxWxH): 300 x 7.5 x 10 ft (91 x 2.3 x 3 m). Equipped with anti-masking protection.

1. EXECUTION
   1. EXAMINATION
      1. Do not begin installation until supports and substrates have been properly prepared.
      2. If substrate preparation is the responsibility of another installer, notify Architect 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 and ASTM E 557 installation procedures. Test for proper operation and make necessary adjustments until satisfactory results are obtained.
   4. PROTECTION
      1. Protect installed products until completion of project.
      2. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION