



SECTION 102219 - DEMOUNTABLE PARTITIONS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes the following:
 - 1. Demountable site-assembled partitions.
- B. Related Sections include the following:
 - 1. Section 08 10 00 – Doors and Frames.
 - 2. Section 08 71 00 – Door Hardware.
 - 3. Section 08 80 00 – Glazing.

1.3 REFERENCES

- A. ANSI Z97.1 Safety Glazing Materials Used in Buildings - Safety Performance Specifications and Methods of Tests.
- B. ASTM C1036 Standard Specification for Flat Glass.
- C. ASTM C1048 Standard Specification for Heat-Treated Flat Glass—Kind HS, Kind FT Coated and Uncoated Glass.
- D. ASTM E90 Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements.
- E. CPSC 16 CFR 1201 Architectural Glazing Standards and Related Materials.

1.4 PERFORMANCE REQUIREMENTS

- A. Performance Requirements: Provide site-assembled glass partition that complies with specified performance characteristics, Test system by a recognized testing laboratory or agency in compliance with specified test methods. Provide certified test results.

1.5 SUBMITTALS

- A. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
 - 4. Certified test reports indicating compliance with performance requirements specified herein.

B. Shop Drawings:

1. Include plans, elevations, details, sections, attachments to other construction, and accessories. Indicate dimensions, weights, conditions at openings and at storage areas, and required installation, storage, and operating clearances.
2. Indicate details of track and door connections, rail sections, fittings, and hardware components.
3. Indicate glass type, sizes, and details.
4. Indicate location and installation requirements for hardware and track including floor & ceiling tolerances and direction of travel. Indicate blocking to be provided by others.

C. Hold To Dimensions: Where required, critical hold to dimensions necessary for the demountable walls shall be graphically denoted so that GC can insure clear open and plumb conditions outlined in Section 3 Execution.

D. Samples for Initial Selection: For units with factory-applied color finishes.

E. Samples for Verification: For each type of exposed finish required, prepared on Samples of size indicated below.

1. Linear Trim: 8 inch (203mm) long Sample(s).
2. Door Finish: Manufacturer's standard size unit, but not less than 3 inches (76mm) square.
3. Glazing: Manufacturer's standard size unit, but not less than 3 inches (76mm) square.

F. Product Test Reports: Based on evaluation of comprehensive tests performed by a qualified testing agency, for each type of demountable partition.

G. Maintenance Data: For demountable partitions to include in maintenance manuals.

H. Sustainability Submittals

1. LEED v4/v4.1: Provide product Environmental Product Declaration (EPD)
2. Indoor Air Quality: Provide product certification of Indoor Advantage™ Gold
3. FSC Certified Products
 - a. Upon request, Provide FSC Certified products where applicable
 - b. Provide FSC Chain of Custody project documentation

I. Warranty: Submit, for Owner's acceptance, manufacturer's standard warranty document executed by authorized company official. Manufacturer's warranty is in addition to, and not a limitation of, other rights Owner may have under Contract Documents.

1.6 QUALITY ASSURANCE

A. Sound Transmission Characteristics: 34 STC as tested by an independent agency in accordance with ASTM E90 and as classified by an independent agency in accordance with ASTM E413.

B. Horizontal Load Characteristics: Provide demountable partitions that comply with IBC-2009 Section 2403.4.

1.7 PROJECT CONDITIONS

A. Finish Spaces: Do not deliver or install demountable partition components until building is enclosed and finishes in spaces to receive them are complete - including ceilings, floor-coverings, and painting.

B. Field Measurements:

1. Verify actual measurements/openings by field measurements before fabrication and indicate the measurements on Installation Shop Drawings.
2. Site shall be ready for field measurements a minimum of six weeks from earliest anticipated product installation start date.

- 3. Site readiness is defined as complete installation of wall framing, finished wall materials (gypsum wall board, millwork, etc.), ceiling framing, finished ceiling materials, and level floors.
 - C. Coordination of Work: Coordinate layout and installation of demountable partition components with other units of Work. Installation of ceilings, floor-coverings, lighting fixtures, HVAC equipment, and fire-suppression systems should be completed before installation of demountable partitions begins. Coordinate fabrication schedule with construction progress to avoid project delays.
- 1.8 DELIVERY, STORAGE, AND HANDLING
- A. Deliver materials in manufacturer's original, unopened, undamaged packaging with identification labels intact.
 - B. Store products in manufacturer's unopened packing until ready for installation.
 - C. Store materials protected from exposure to harmful weather conditions and at temperature & humidity conditions recommended by manufacturer.

PART 2 – PRODUCTS

2.1 DEMOUNTABLE SITE-ASSEMBLED PARTITIONS

- A. Available Products: Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to, the following:
- B. Products: LP by Transwall
- C. Basis of Design Product: Subject to compliance with requirements, provide LP by Transwall.
- D. Substitutions: Requests for substitution will be considered in accordance with provisions of Section 01 25 13.
- E. Accessory Panels: Manufacturer's standard bypass panels.
 - 1. System Thickness: 3 1/8 inches (79.375mm).
 - 2. Width: 2 inches (50.8mm), 4 inches (101.6mm), 6 inches (152.4mm), and 8 inches (203.2mm).
 - 3. Panel Finish: Manufacturer's standard anodized aluminum or factory-applied powder coat finish.
 - 4. Panel Color: As selected from manufacturer's full range.
- F. Framing: Ceiling and floor track
 - 1. Material: Extrusions shall be of aluminum alloy 6063-T6 extruded within Manufacturer's tolerance and free from defects impairing strength and/or durability. Track sections shall be a minimum of .078 inch (1.9812mm) wall thickness.
 - 2. Depth: 3 1/8 inches (79.375mm).
 - 3. Height: 1 1/2 inches (38.1mm).
 - 4. Profile: Projected 1 inch (25.4mm) profile with 1/2 inch (12.7mm) reveal.
 - 5. Panel Tolerance:
 - a. Traditional Trim: +/- 1/4 inch (6.35mm).
 - b. Front Load Trim: +/- 1/2 inch (12.7mm).
 - 6. Track Finish: Manufacturer's standard anodized aluminum or factory-applied powder coat finish.
 - 7. Track Color: As selected from manufacturer's full range.
- G. Panel Joint Closure: Manufacturer's standard, as follows:

1. In-line: Butt-joint with clear polycarbonate vertical glazing channel (VGC).
2. 2-Way 90° Corner:
 - a. Bulb seal or
 - b. 1/2 inch (12.7mm) Square, Vertical accent trim (VAT).
3. 3-Way 90° T-Condition:
 - a. 2-pieces of glass: Bulb seal.
 - b. 3-pieces of glass: 1/2 inch (12.7mm) Square, Vertical accent trim (VAT).
4. 4-Way 90° X-Condition:
 - a. 3-pieces of glass: Bulb seal.
 - b. 4-pieces of glass: 1/2 inch (12.7mm) Square, Vertical accent trim (VAT).
5. VAT Finish: Manufacturer's standard anodized aluminum or factory-applied powder coat finish.
6. VAT Color: As selected from manufacturer's full range.

H. Trim: Manufacturer's standard options, as follows:

1. Optional: Field-applied horizontal muntin
 - a. 1 inch (25.4mm) high x 1 1/4 inch (31.75mm) deep
 - b. 1 inch (25.4mm) high x 1/4 inch (6.35mm) deep
2. Optional: Field-applied vertical mullion
 - a. 1 inch (25.4mm) high x 1 1/4 inch (31.75mm) deep
 - b. 1 inch (25.4mm) high x 1/4 inch (6.35mm) deep
3. Trim Finish: Manufacturer's standard anodized aluminum or factory-applied powder coat finish.
4. Trim Color: As selected from manufacturer's full range.

I. Doors, Frameless Glass: Manufacturer's standard, 1/2 inch (12.7mm).

1. Glazing:
 - a. Pivot Doors: Manufacturer's standard 1/2 inch (12.7mm) clear tempered.
 - b. Sliding Doors: Manufacturer's standard 1/2 inch (12.7mm) clear tempered or clear tempered laminated.
 - c. Edge Treatment: Polished.
2. Leaf Widths:
 - a. Single, Pivot: Manufacturer's standard, 38 inches (965.2mm).
 - b. Double, Pivot: Manufacturer's standard, [2] leafs at 38 inches (965.2mm) each.
 - c. Single, Sliding: Manufacturer's standard, 40 inches (1016mm).
 - d. Double, Sliding: Manufacturer's standard, [2] leafs at 39 inches (990.6mm) each.
3. Ceiling Heights:
 - a. Pivot
 - i. Full Height: up to 108 inches (2743.2mm).
 - ii. Transom Height: up to 120 inches (3048mm).
 - b. Sliding: up to 120 inches (3048mm).
4. Hardware:
 - a. For use in Manufacturer's standard frames.
 - i. Offset Pivot Doors: Hardware to be provided includes, but shall not be limited to, top and bottom Classic offset pivots, mortise leverset (PBA) or non-locking ladder pull (Rockwood RM3301) or locking ladder pull (Rockwood LP3301), and modern floor door stop. Door closers are not included in standard door pricing.
 - 1.) Pivot Finish: Brushed stainless steel (630 / US32D).
 - 2.) PBA Mortise Leverset Finish: Brushed stainless steel (630 / US32D).

- 3.) Door Stop Finish: Brushed chromium (626 / US26D).
 - ii. Sliding Doors: Hardware to be provided includes, but shall not be limited to, suspension clamps and covers, and non-locking or locking ladder pulls.
 - 1.) Clamp Covers Finish: Clear anodized or Factory-applied powder coat finish.
 - 5. Ladder Pulls Finish: Brushed stainless steel (630 / US32D).
- J. Doors, 1x2 Thin Aluminum Full Lite Stile and Rail: Manufacturer's standard, 1 3/4 inches (44.45mm).
- 1. Construction:
 - a. Extrusions shall be of aluminum alloy 6063-T6 extruded within Manufacturer's tolerance and free from defects impairing strength and/or durability. Door stile and rail sections shall be a minimum of 5/64 inch (2mm) wall thickness.
 - i. Stile Size: 1 inch (25.4mm).
 - ii. Rail Sizes
 - 1.) Top Rail: 2 inches (50.8mm).
 - 2.) Standard Bottom Rail: 2 inches (50.8mm) plus 60° bevel for code compliance.
 - 3.) Optional Bottom Rail: 10 inches (254mm) for ADA compliance.
 - b. Steel corner brackets shall be securely fixed with screws internally to the rails and stiles.
 - c. Glazing: Manufacturer's standard 3/8 inch (9.525mm) clear tempered or 3/8 inch (9.525mm) clear tempered laminated.
 - 2. Leaf Widths:
 - a. Single, Pivot: Manufacturer's standard, 38 inches (965.2mm).
 - b. Double, Pivot: Manufacturer's standard, [2] leafs at 38 inches (965.2mm) each.
 - c. Single, Sliding: Manufacturer's standard, 40 inches (1016mm).
 - d. Double, Sliding: Manufacturer's standard, [2] leafs at 39 inches (990.6mm) each.
 - 3. Ceiling Heights: Up to 120 inches (3048mm) with or without glass transom.
 - 4. Hardware: For use in Manufacturer's standard pivot frames.
 - a. Offset Pivot Doors: Hardware to be provided includes, but shall not be limited to, top and bottom Neo offset pivots, mortise leverset (Schlage L-Series or Sargent 8200-Series) or non-locking ladder pull (Rockwood RM3301) or locking ladder pull (Rockwood LP3301), and modern floor door stop. Door closers are not included in standard door pricing.
 - i. Pivot Finish: Brushed stainless steel (630 / US32D) or powder coated as selected from manufacturer's full range.
 - ii. Mortise Leverset Finish: Brushed stainless steel (630 / US32D).
 - iii. Door Stop Finish: Brushed chromium (626 / US26D).
 - 5. Door Finish: Manufacturer's standard anodized aluminum or factory-applied powder coat finish.
 - 6. Door Color: As selected from manufacturer's full range.
- K. Doors, 2x2 Narrow Aluminum Full Lite Stile and Rail: Manufacturer's standard, 1 3/4 inches (44.45mm).
- 1. Construction:
 - a. Extrusions shall be of aluminum alloy 6063-T6 extruded within Manufacturer's tolerance and free from defects impairing strength and/or durability. Door stile and rail sections shall be a minimum of 5/64 inch (2mm) wall thickness.
 - i. Stile Size: 2 inch (50.8mm).
 - ii. Rail Sizes
 - 1.) Top Rail: 2 inches (50.8mm).
 - 2.) Standard Bottom Rail: 2 inches (50.8mm) plus 60° bevel for code compliance.
 - 3.) Optional Bottom Rail: 10 inches (254mm) for ADA compliance.

- b. Steel corner brackets shall be securely fixed with screws internally to the rails and stiles.
 - c. Glazing: Manufacturer's standard 3/8 inch (9.525mm) clear tempered or 3/8 inch (9.525mm) clear tempered laminated.
2. Leaf Widths:
- a. Single, Pivot: Manufacturer's standard, 38 inches (965.2mm).
 - b. Double, Pivot: Manufacturer's standard, [2] leafs at 38 inches (965.2mm) each.
 - c. Single, Sliding: Manufacturer's standard, 40 inches (1016mm).
 - d. Double, Sliding: Manufacturer's standard, [2] leafs at 39 inches (990.6mm) each.
3. Ceiling Heights: Up to 120 inches (3048mm) with or without glass transom.
4. Hardware: For use in Manufacturer's standard pivot frames.
- a. Offset Pivot Doors: Hardware to be provided includes, but shall not be limited to, top and bottom Neo offset pivots, mortise leverset (Schlage L-Series or Sargent 8200-Series) or non-locking ladder pull (Rockwood RM3301) or locking ladder pull (Rockwood LP3301), and modern floor door stop. Door closers are not included in standard door pricing.
 - i. Pivot Finish: Brushed stainless steel (630 / US32D) or powder coated as selected from manufacturer's full range.
 - ii. Mortise Leverset Finish: Brushed stainless steel (630 / US32D).
 - iii. Door Stop Finish: Brushed chromium (626 / US26D).
5. Door Finish: Manufacturer's standard anodized aluminum or factory-applied powder coat finish.
6. Door Color: As selected from manufacturer's full range.
- L. Doors, Double-Glazed Aluminum Full Lite Stile and Rail: Manufacturer's standard, 1 3/4 inches (44.45mm).
1. Construction:
- a. Extrusions shall be of aluminum alloy 6063-T6 extruded within Manufacturer's tolerance and free from defects impairing strength and/or durability. Door stile and rail sections shall be a minimum of 5/64 inch (2mm) wall thickness. Glazing should be flush to each door face and run full width and height of door leaf.
 - i. Stile Size: 1 7/16 inches (36mm).
 - ii. Rail Size: 1 7/16 inches (36mm).
 - b. Steel corner brackets shall be securely fixed with screws internally to the rails and stiles.
 - c. Glazing: Two pieces of Manufacturer's standard 1/4 inch (6.35mm) clear tempered.
2. Leaf Widths:
- a. Single, Pivot: Manufacturer's standard, 38 inches (965.2mm).
 - b. Double, Pivot: Manufacturer's standard, [2] leafs at 38 inches (965.2mm) each.
 - c. Single, Sliding: Manufacturer's standard, 40 inches (1016mm).
 - d. Double, Sliding: Manufacturer's standard, [2] leafs at 39 inches (990.6mm) each.
3. Ceiling Heights: Up to 120 inches (3048mm) with or without glass transom.
4. Hardware: For use in Manufacturer's standard pivot frames.
- a. Offset Pivot Doors: Hardware to be provided includes, but shall not be limited to, top and bottom Neo offset pivots, mortise leverset (Schlage L-Series or Sargent 8200-Series) or non-locking ladder pull (Rockwood RM3301) or locking ladder pull (Rockwood LP3301), and modern floor door stop. Door closers are not included in standard door pricing.
 - i. Pivot Finish: Brushed stainless steel (630 / US32D) or powder coated as selected from manufacturer's full range.
 - ii. Mortise Leverset Finish: Brushed stainless steel (630 / US32D).
 - iii. Door Stop Finish: Brushed chromium (626 / US26D).
5. Door Finish: Manufacturer's standard anodized aluminum or factory-applied powder coat finish.
6. Door Color: As selected from manufacturer's full range.

M. Doors, Offset-Glazed Aluminum Full Lite Stile and Rail: Manufacturer's standard, 1 3/4 inches (44.45mm).

1. Construction:
 - a. Extrusions shall be of aluminum alloy 6063-T6 extruded within Manufacturer's tolerance and free from defects impairing strength and/or durability. Door stile and rail sections shall be a minimum of 5/64 inch (2mm) wall thickness. Glazing should be flush to door face on push side and run full width and height of door leaf.
 - i. Stile Size: 1 1/2 inches (38.1mm).
 - ii. Rail Size: 1 1/2 inches (38.1mm).
 - b. Steel corner brackets shall be securely fixed with screws internally to the rails and stiles.
 - c. Glazing: Manufacturer's standard 3/8 inch (9.525mm) clear tempered or 3/8 inch (9.525mm) clear tempered laminated.
2. Leaf Widths:
 - a. Single, Pivot: Manufacturer's standard, 38 inches (965.2mm).
 - b. Double, Pivot: Manufacturer's standard, [2] leafs at 38 inches (965.2mm) each.
 - c. Single, Sliding: Manufacturer's standard, 40 inches (1016mm).
 - d. Double, Sliding: Manufacturer's standard, [2] leafs at 39 inches (990.6mm) each.
3. Ceiling Heights: Up to 120 inches (3048mm) with or without glass transom.
4. Hardware: For use in Manufacturer's standard pivot frames.
 - a. Offset Pivot Doors: Hardware to be provided includes, but shall not be limited to, top and bottom Neo offset pivots, mortise leverset (Schlage L-Series or Sargent 8200-Series) or non-locking ladder pull (Rockwood RM3301) or locking ladder pull (Rockwood LP3301), and modern floor door stop. Door closers are not included in standard door pricing.
 - i. Pivot Finish: Brushed stainless steel (630 / US32D) or powder coated as selected from manufacturer's full range.
 - ii. Mortise Leverset Finish: Brushed stainless steel (630 / US32D).
 - iii. Door Stop Finish: Brushed chromium (626 / US26D).
5. Door Finish: Manufacturer's standard anodized aluminum or factory-applied powder coat finish.
6. Door Color: As selected from manufacturer's full range.

N. Doors, Wood Flush: Manufacturer's standard, 1-3/4 inches (44.45mm).

1. Construction:
 - a. Leafs shall be constructed of a particleboard core and high density fiberboard (HDF) crossbanding with a veneer or MDO face. The top and bottom end rails shall be a minimum 6 inches (152.4mm) of basswood to accept pivot hardware. Vertical edgestrips shall be 2-ply consisting of a structural composite lumber (SCL) inner stile and an external veneered edge. Both vertical edges shall be beveled at a degree of 1/8 inch (3.175mm) in 2 inches (50.8mm).
 - b. FSC-Certified available upon request.
2. Leaf Widths:
 - a. Single, Pivot: Manufacturer's standard, 38 inches (965.2mm).
 - b. Double, Pivot: Manufacturer's standard, [2] leafs at 38 inches (965.2mm) each.
 - c. Single, Sliding: Manufacturer's standard, 40 inches (1016mm).
 - d. Double, Sliding: Manufacturer's standard, [2] leafs at 39 inches (990.6mm) each.
3. Ceiling Heights: Up to 120 inches (3048mm) with or without glass transom.
4. Hardware: For use in Manufacturer's standard pivot frames.
 - a. Offset Pivot Doors: Hardware to be provided includes, but shall not be limited to, top and bottom Neo offset pivots, leverset, modern floor door stop, and single flush bolt (into floor for pairs of double doors). Door closers are not included in standard door pricing.

- i. Pivot Finish: Brushed stainless steel (630 / US32D) or powder coated as selected from manufacturer's full range.
 - ii. Leverset Finish: Brushed stainless steel (630 / US32D).
 - iii. Door Stop Finish: Brushed chromium (626 / US26D).
 - iv. Flush Bolt Finish: Brushed chromium (626 / US26D).
- 5. Door Finish: Manufacturer's standard species / stain or MDO with factory-applied powder coat finish.
 - 6. Door Color: As selected from manufacturer's full range; Metallic paint not available.

O. Doors, Wood Full Lite: Manufacturer's standard, 1-3/4 inches (44.45mm).

- 1. Construction:
 - a. Leafs shall be constructed of a particleboard core and high density fiberboard (HDF) crossbanding with veneer or MDO face. The top and bottom end rails shall be a minimum 6 inches (152.4mm) of basswood to accept pivot hardware. The top end rail shall be removable for ease of glass installation and beadless construction. Vertical edgestrips shall be 2-ply consisting of a structural composite lumber (SCL) inner stile and an external veneered edge. Both vertical edges shall be beveled at a degree of 1/8 inch (3.175mm) in 2 inches (50.8mm).
 - i. Stile Size: 6 inch (152.4mm).
 - ii. Rail Sizes
 - 1.) Standard Top Rail: 6 inch (152.4mm).
 - 2.) Optional Bottom Rail: 12 inch (304.8mm) for ADA compliance.
 - b. Glazing: Manufacturer's standard 1/4" inch (6.35mm) clear tempered.
 - c. FSC-Certified available upon request.
- 2. Leaf Widths:
 - a. Single, Pivot: Manufacturer's standard, 38 inches (965.2mm).
 - b. Double, Pivot: Manufacturer's standard, [2] leafs at 38 inches (965.2mm) each.
 - c. Single, Sliding: Manufacturer's standard, 40 inches (1016mm).
 - d. Double, Sliding: Manufacturer's standard, [2] leafs at 39 inches (990.6mm) each.
- 3. Ceiling Heights: Up to 120 inches (3048mm) with or without glass transom.
- 4. Hardware: For use in Manufacturer's standard pivot frames.
 - a. Offset Pivot Doors: Hardware to be provided includes, but shall not be limited to, top and bottom Neo offset pivots, leverset, modern floor door stop, and single flush bolt (into floor for pairs of double doors). Door closers are not included in standard door pricing.
 - i. Pivot Finish: Brushed stainless steel (630 / US32D) or powder coated as selected from manufacturer's full range.
 - ii. Leverset Finish: Brushed stainless steel (630 / US32D).
 - iii. Door Stop Finish: Brushed chromium (626 / US26D).
 - iv. Flush Bolt Finish: Brushed chromium (626 / US26D).
- 5. Door Finish: Manufacturer's standard species / stain or MDO with factory-applied powder coat finish.
- 6. Door Color: As selected from manufacturer's full range.

P. Doors, Aluminum Full Lite Stile and Rail: Manufacturer's standard, 1 3/4 inches (44.45mm).

- 1. Construction:
 - a. Extrusions shall be of aluminum alloy 6063-T5 extruded within Manufacturer's tolerance and free from defects impairing strength and/or durability. Door stile and rail sections shall be a minimum of 1/8 inch (3.175mm) wall thickness.
 - i. Stile Size: 5 inches (127mm).
 - ii. Rail Sizes

- 1.) Top Rail: 5 inches (127mm).
- 2.) Standard Bottom Rail: 5 inches (127mm)
- 3.) Optional Bottom Rail: 10 inches (254mm) for ADA compliance.
- b. Steel tension rods of 3/8 inch (9.525mm) diameter shall run the full width of the top and bottom rails and shall be fixed with steel plates and lock nuts.
- c. Glazing: Manufacturer's standard 1/4 inch (6.35mm) clear tempered.
2. Leaf Widths:
 - a. Single, Pivot: Manufacturer's standard, 38 inches (965.2mm).
 - b. Double, Pivot: Manufacturer's standard, [2] leafs at 38 inches (965.2mm) each.
 - c. Single, Sliding: Manufacturer's standard, 40 inches (1016mm).
 - d. Double, Sliding: Manufacturer's standard, [2] leafs at 39 inches (990.6mm) each.
3. Ceiling Heights: Up to 120 inches (3048mm) with or without glass transom.
4. Hardware: For use in Manufacturer's standard pivot frames.
 - a. Offset Pivot Doors: Hardware to be provided includes, but shall not be limited to, top and bottom Classic offset pivots, leverset, modern floor door stop, and single flush bolt (into floor for pairs of double doors). Door closers are not included in standard door pricing.
 - i. Pivot Finish: Brushed stainless steel (630 / US32D) or powder coated as selected from manufacturer's full range.
 - ii. Leverset Finish: Brushed stainless steel (630 / US32D).
 - iii. Door Stop Finish: Brushed chromium (626 / US26D).
 - iv. Flush Bolt Finish: Brushed chromium (626 / US26D).
5. Door Finish: Manufacturer's standard clear anodized aluminum or factory-applied powder coat finish.
6. Door Color: As selected from manufacturer's full range.

Q. Door Frames, Pivot: Manufacturer's standard.

1. Construction:
 - a. Material: Extrusions shall be of aluminum alloy 6063-T6 extruded within Manufacturer's tolerance and free from defects impairing strength and/or durability. Jamb sections shall be a minimum of 1/8 inch (3.175 mm) wall thickness.
 - b. Door frame members shall have a continuous, integral stop with an integral receiver for light and sound seal.
 - c. Jamb profile shall be 1 inch (25.4mm) wide with a single-sided, snap-on type trim to allow for frame anchoring and hardware installation.
 - d. Header shall be a snap-in extrusion with integral stop and light and sound seal receiver. Header member shall mate in ceiling track.
 - e. Tolerance: +/- 1/16 inch (1.588mm) at header; No tolerance at floor.
2. Widths:
 - a. Single, Pivot: Manufacturer's standard, 40 inches (3048mm).
 - b. Double, Pivot: Manufacturer's standard, 78 inches (1981.2mm).
3. Ceiling Heights:
 - a. 1-3/4 inch (44.45mm) thick doors: full height up to 120 inches (3048mm); Optional transom height.
 - b. 1/2 inch (12.7mm) thick doors: doors over 108 inches (2743.2mm) require a glass transom door frame.
4. Hardware: For use in Manufacturer's standard pivot frames.
 - a. Offset Pivot Door Frames: Hardware to be provided includes, but shall not be limited to, top and bottom pivots, and strike plate. Door closers are not included in standard door pricing.
 - i. Pivot Finish: Brushed stainless steel (630 / US32D).
 - ii. Strike Plate Finish: Clear anodized aluminum.

5. Frame Finish: Manufacturer's standard anodized aluminum or factory-applied powder coat finish.
6. Frame Color: As selected from manufacturer's full range.

R. Door Frames, Sliding: Manufacturer's standard.

1. Construction:
 - a. Material: Extrusions shall be of aluminum alloy 6063-T6 extruded within Manufacturer's tolerance and free from defects impairing strength and/or durability. Jamb sections shall be a minimum of 1/8 inch (3.175 mm) wall thickness.
 - b. Jamb profile shall be 1 inch (25.4mm) wide with a single-sided, snap-on type trim to allow for frame anchoring and hardware installation.
 - c. Jamb snap-on trim shall have integral receiver for light and sound seal.
 - d. Tolerance: +/- 1/8 inch (3.175mm).
2. Widths:
 - a. Single, Pivot: Manufacturer's standard, 40 inches (3048mm).
 - b. Double, Pivot: Manufacturer's standard, 78 inches (1981.2mm).
3. Ceiling Heights:
 - a. 1-3/4 inch (44.45mm) thick doors: up to 120 inches (3048mm).
 - b. 1/2 inch (12.7mm) thick doors: up to 120 inches (3048mm).
4. Hardware: For use in Manufacturer's standard sliding frames.
 - a. Sliding Door Frames: Hardware to be provided includes, but shall not be limited to, sliding door track, fascia(s), fascia end caps, double roller running gear, adjustable stops, and floor guides. Optional dampeners available.
 - i. Track & Floor Guides Finish: Clear anodized or factory-applied powder coat finish.
 - ii. Fascia & Fascia End Caps Finish: Anodized or factory-applied powder coat finish.
5. Frame Finish: Manufacturer's standard anodized aluminum or factory-applied powder coat finish.
6. Frame Color: As selected from manufacturer's full range.

S. Panel Glazing: [Fully tempered clear float glass] [Fully tempered, low iron clear float glass] [Laminated annealed clear glass].

1. Thickness:
 - a. 1/2 inch (12.7mm).
 - b. 3/8 inch (9.525mm).
2. Width: up to 42 inches (1006.8mm).
3. Ceiling Heights:
 - a. 1/2 inch (12.77mm) glazing: up to 120 inches (3048mm).
 - b. 3/8 inch (9.525mm) glazing: up to 96 inches (2438.4mm).
4. Edges: Ground.

2.2 FABRICATION

- A. Demountable Site-Assembled Panels: Fabricate partitions from ceiling track, base track, and glazing.

2.3 FINISHES, GENERAL

- A. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

- B. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of the range of approved Samples. Noticeable variations in the same piece are not acceptable. Variations in appearance of other components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

PART 3 – EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. Verify prepared openings are in accordance with Shop Drawings.
- C. Verify wall openings are ready to receive work of this section.

3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.3 INSTALLATION

- A. Install demountable partitions systems rigid, level, plumb, and aligned. Install seals to prevent light and sound transmission at connections to floors, ceilings, fixed walls, and abutting surfaces.
- B. Install in accordance with manufacturer's instructions and in positions as indicated on Shop Drawings.
 - 1. Ceiling track must be securely anchored to a structural header with proper blocking.
 - 2. Floor track must be securely anchored to the floor.
- C. Match glazing by installing from marked packages in numbered sequence indicated on Shop Drawings.
 - 1. Installation Tolerance: Install demountable partition system so surfaces vary not more than 1/16 inch (1.5875mm) from the plane formed by the faces of adjacent partitions.
 - 2. Broken, cracked, chipped, deformed, or unmatched glazing is not acceptable.
- D. Install door-and-frame assemblies securely anchored to partitions and with doors aligned and fitted. Install and adjust door hardware for proper operation.

3.4 PROTECTION

- A. Protect installed products and finish surfaces from damage until completion of project.
- B. Touch-up, repair, or replace damaged products before Substantial Completion.

3.5 DEMONSTRATION

- A. Engage a factory-authorized service representative to demonstrate and train Owner's maintenance personnel to adjust, operate, and maintain demountable partitions. Refer to Section 01 79 00 – Demonstration and Training.

END OF SECTION 10 22 19