

## COMPONENTS & MATERIALS

### Aluminum Extrusions

- Door, Door Frame, Track and Track Cover Extrusions
- Architectural Grade and Structural Aluminum Alloys
- Aluminum Finish Options
  - Clear Anodized (5 micron standard)
  - Powder Coated
  - Veneer Wrapped (Door frame and track cover only. No Door components)
  - Custom as required
  - Sliding Door Track Finish Clear Anodized Only

### PVC Components

- Frame Connections
  - Rigid/Flex Co-extrusion
- Ceiling Trim/Wall Start
  - Rigid/Flex Co-extrusion
- Glass Retainer
  - Rigid/Flex Co-extrusion
- PVC Color Options
  - Black, Charcoal, Silver
  - Custom as required

### Door Seal Components

- Rigid/Flex PVC Co-extrusion (strike and guide side)
- PVC Color options – as above in PVC components
- For Double Sliding Door – Door Seal Extrusion & PVC Door Seal

### Glass Components

- Standard Tempered Glass 1/4" (6mm) – Option 3/8" (10mm)
- Standard Laminated Glass 1/4" (6mm) – Option 3/8" (10mm)
- Approved Custom Finishes

### Door Hardware

- Manufacturer's own sliding door track, track cover and door roller assembly
- DIRTT Door Pulls (See separate DIRTT Pull specifications; for AFF location see separate DIRTT Standard Pull Height)
  - Pulls mount through holes drilled in glass when tempered glass is specified.
  - Pulls mount to face of glass with adhesive and additional hardware when laminated glass is specified.

### Optional Door Hardware

- Bottom Locking only – (non-ADA compliant)
  - CR Laurence #777SL / DRA10BS cylinder / DRA20BS Thumbturn / AMR207PS Keeper
- DIRTT Approved Custom Hardware (Supplied "By Others")
- For Double Doors – Manufacturer's own Alignment Pin & Bracket on non-locking door
- Locking Pull
  - Manufacturer's own locking pull available in 3 standard heights

### Operating Force Testing Results

- Door utilizing Soft Close mechanism require approximately 8lbs force to disengage mechanism holding door in closed position and 3-5lbs rolling load thereafter.
- Door Utilizing Slow Down Cylinder hardware doesn't exceed 5lb operating force (See Engineering Report - Operating Force Test). This solution applies to doors exceeding 175lbs in weight.

## DIMENSIONS & DETAILS

### Frame/Module

- Standard Frame Width (Module) 40" (1016mm)
  - Minimum Module Width 40" (1016mm)
  - Maximum Module Width 60" (1524mm)
- Double Frame Width (Module) 80" (2032mm)
  - Minimum Module Width 80" (2032mm)
  - Maximum Module Width 120" (3048mm)
- Standard Ceiling Height Up to 120" (3048mm)
- Standard Frame Depth 4" (102mm)

## DIMENSIONS & DETAILS (continued)

- Lower Door Guide/Alignment Plates Locate to adjacent module
- Double Door Alignment Plate/Pin Locate to non locking door
- Frame Height Oversized in height; cut down on-site to suit opening

### Door

- Standard Door Thickness 1 1/16" (43mm)
  - Standard Door Width 40 1/4" (1022mm) wide
    - Minimum Door Width 40 1/4" (1022mm)
    - Maximum Door Width 60 1/4" (1530mm)
  - Standard Clear Opening Width 32 5/16" (821mm)
    - 7 1/16" (195mm) less specified module width)
  - Double Door Clear Opening Width 1 Door Open 32 1/2" (826mm)  
2 Doors Open 67 7/16" (1663mm)
  - Door Height Adjustment Adjust in conjunction with DIRTT Moveable System
  - Standard Vertical Door Stiles 2" (51mm)
  - Standard Top Horizontal 4" (102mm)
  - Standard Bottom Horizontal 7 7/8" (200mm) AFF
  - Optional ADA\* Bottom Horizontal 11 7/8" (302mm) AFF
- (\*Bottom option for aesthetic matching only; not required by code)

### Track Assembly

- Height 1 9/16" (40mm)
- Track Depth 1 7/8" (48mm)
- Track Width (standard) 73 1/2" (1867mm) includes end caps. Adjusts to suit parametric widths
- Double Door Track Width (standard) 146 3/4" (3728mm) 2 tracks joined at middle
- Pneumatic Slow Down Mechanism Attached to Door
- Installation Includes: Unique hanger design requiring no fasteners to the DIRTT frame system

### Frame Connections (DIRTT Wall and/or Drywall to Frame)

- Hidden Links Frame alignment and gap control
- Visible PVC Connectors At frame connection between the door frame and the adjacent frame
- Over Sized and Double Doors Must have Seismic brackets installed to support track at middle of joint

### Trim Components

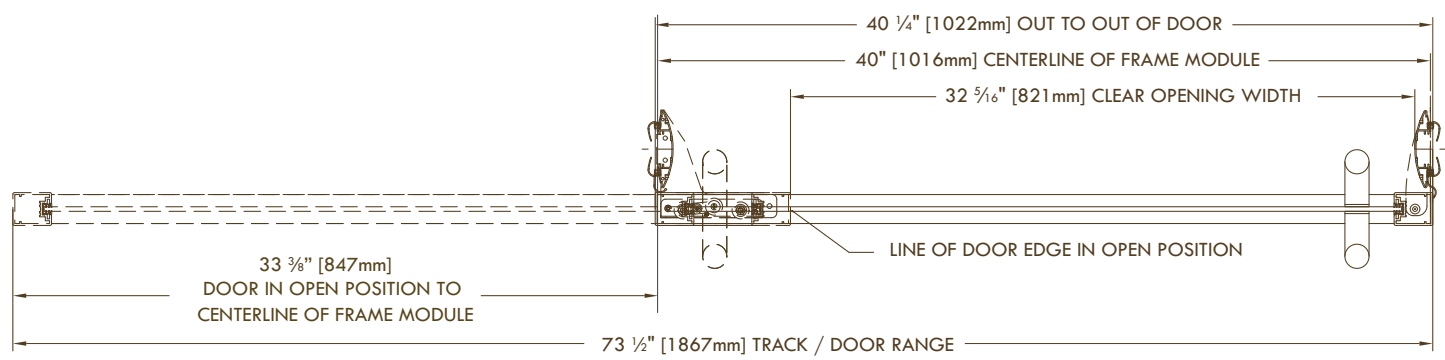
- Ceiling Trim Flexible trim from top of wall to ceiling
- Wall Trim Rigid connection from Door Frame to Base Building; combined with flexible Wall Trim

### Other Options

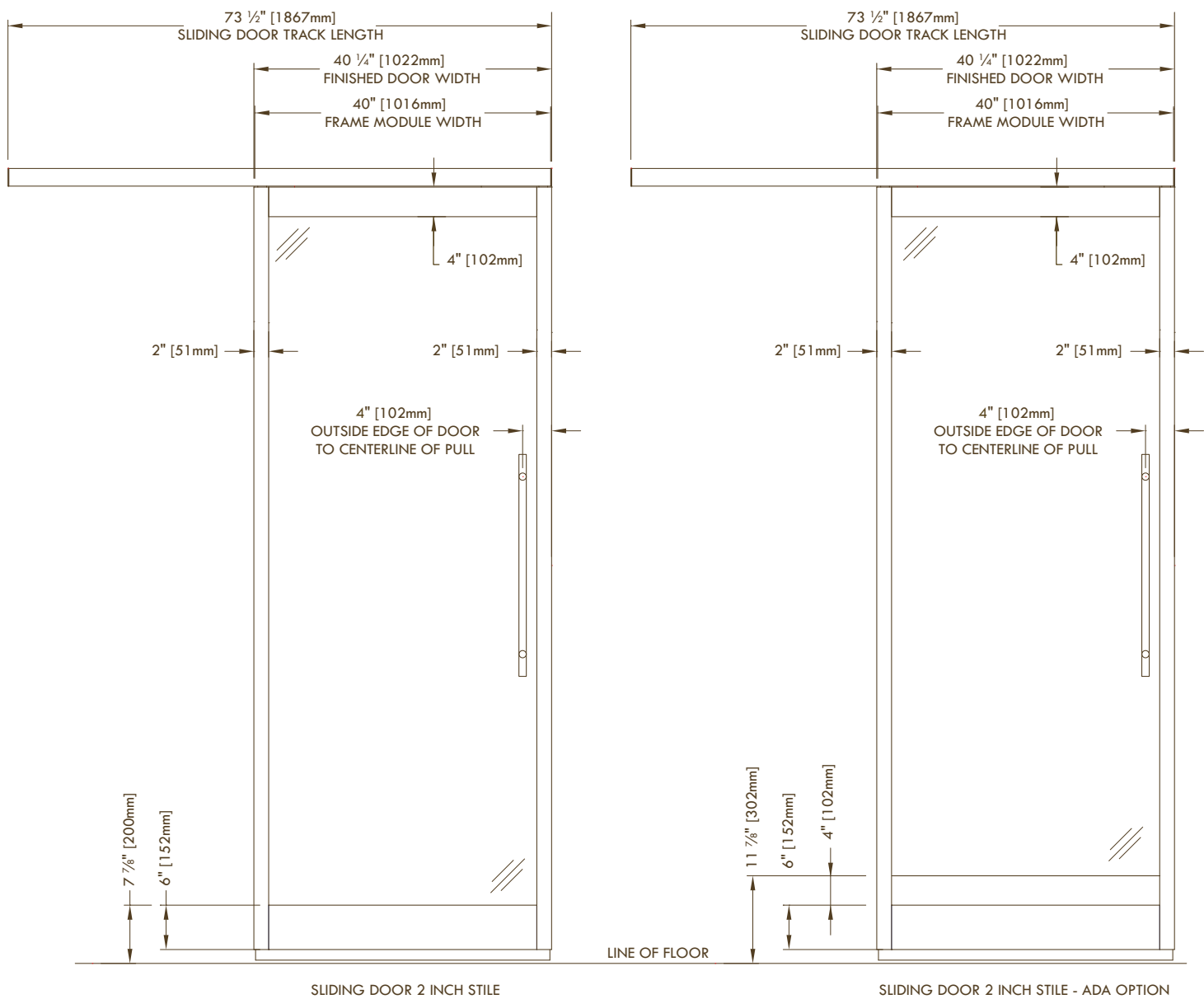
- Parametric Door Sizes Available
- Glass or Solid Transom over door (door frame option)
- Applied muntins on glass (anodized or powder coat finish only)
- Drywall Face Mounted Sliding Door

Note: DIRTT has designed the standard door sizes to have a consistent frame module width between styles and also consider the minimum clear opening widths as required by section 1008 of the International Building Code (IBC). It is understood that local codes may supersede these requirements, and that alternate sizes are allowable based on application. Any modification to door size must be reviewed and validated to ensure final solution is compliant to the applicable code.

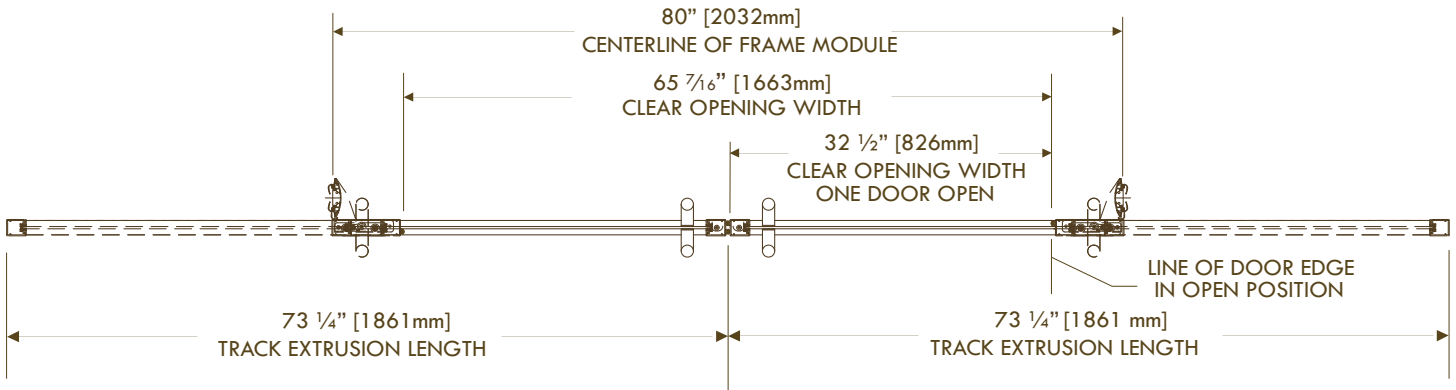
# CLEARANCE



# PLAN VIEW/ELEVATION



# CLEARANCE - DOUBLE DOOR



## PLAN VIEW/ELEVATION

(NTS)

