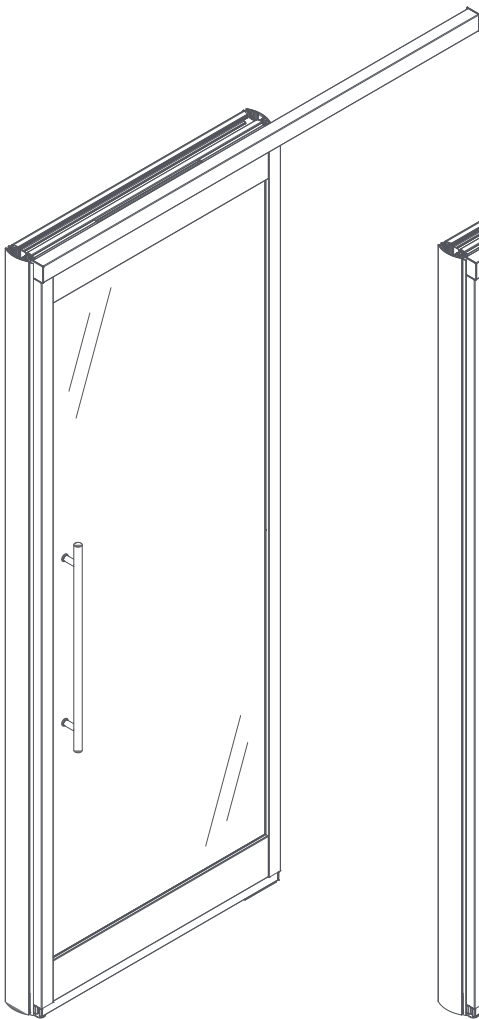


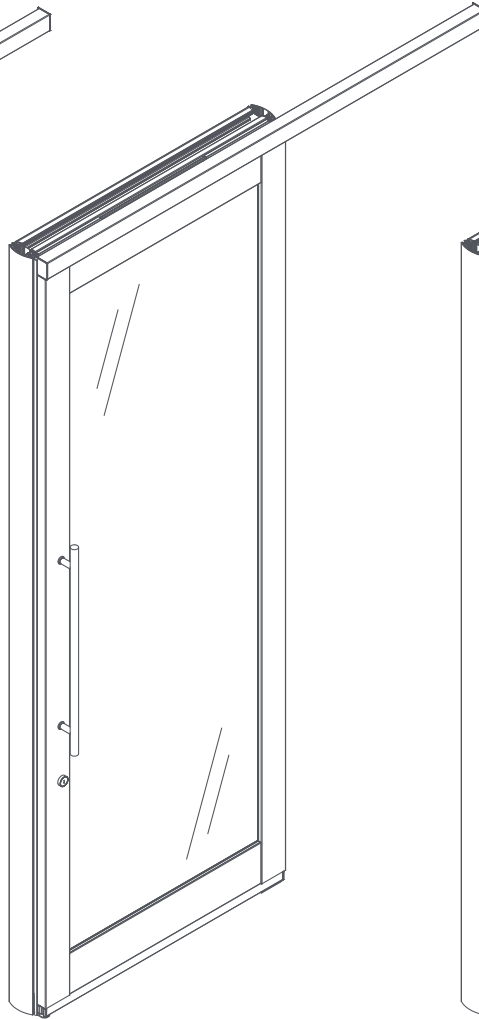
TECH SHEET

ALUMINUM-FRAMED SLIDING (BARN) DOOR WITH 2", 4" AND 6" STILES

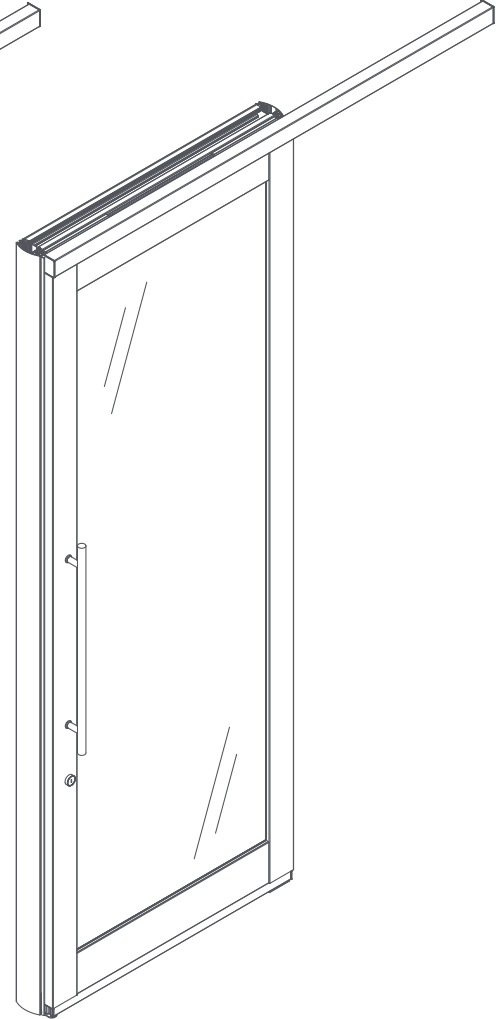
build better™
DIRTT



2" STILE



4" STILE



6" STILE

COMPONENTS AND 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
 - Powder Coated
 - Veneer Wrapped

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 and Z-seal

GLASS COMPONENTS

- Standard Tempered Glass ¼" (6mm) – Option ⅜" (10mm)
- Standard Laminated Glass ¼" (6mm) – Option ⅜" (10mm)
- Approved Custom Finishes

DOOR HARDWARE

- Sliding Door Track, Track Cover and Door Roller Assembly
 - Door Pulls (See separate pull specifications; for above finished floor (AFF) location, see separate Standard Pull Height)
 - 2" and 4" Stiles
 - Pulls mounted through holes drilled in glass when tempered glass is specified.
 - Pulls mounted to face of glass with adhesive and additional hardware when laminated glass is specified.
 - 6" Stile
 - Pulls mounted in door stile.

OPTIONAL DOOR HARDWARE

DIRTT

- Bottom Adjustable Skirt

DIRTT LOCKING OPTIONS

- Locking Options for Single and Double Doors
- Adams Rite Lock 1870-30-628

- Locking Pull
 - Slim Door (6mm Glass) for Outside Office Only
 - DIRTT's own locking pull available in three standard heights

DIRTT NON-LOCKING OPTIONS

- See DIRTT Pull Specifications
- See DIRTT Standard Pull Height for above finished floor (AFF) locations

AUTOMATIC DROP SEAL

- CCE automatic drop seal

CUSTOMER'S OWN MATERIAL

- Approved Custom Hardware (Supplied "By Others")

OPERATING FORCE TEST 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 does not exceed 5lbs. operating force (See Engineering Report - Operating Force Test). This solution applies to doors exceeding 165lbs. (4" and 6" stile doors) or 175lbs. (2" stile door) in weight.

DIMENSIONS AND DETAILS

FRAME/MODULE

Standard Frame Width (Module)	40" (1.016m)
Minimum (Min.) Frame Width	
4 Roller	35" (889mm)
8 Roller	40" (1.016m)
Maximum (Max.) Module Width	60" (1.52m)
Double Frame Width (Module)	80" (2.03m)
Min. Module Width	80" (2.03m)
Max. Module Width	120" (3.05m)
Standard Ceiling Height	Up to 120" (3.05m)
Standard Frame Depth	4" (102mm)
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

NOTE: Panels can be oriented vertically in a monolithic application or horizontally to span multiple frames; overall size cannot exceed 48" (1.22m) in two directions.

DOOR

Standard Door Width	40 ¼" (1.022m) wide
Min. Door Width	
4 Roller	35 ¼" (895mm)
8 Roller	40 ¼" (1.022m)
Max. Door Width	60 ¼" (1.53m)
Standard Clear Opening Width	32 ⅝" (821mm)
	7 ⅛" (195mm) less specified module width)
Double Door Clear Opening Width	1 Door Open 33 ⅝" (843mm)
	2 Doors Open 66 ¼" (1.68m)
Standard Door Thickness	1 ⅛" (43mm)
Door Height Adjustment	⅝" (16mm) up and 1 ¾" (44mm) down

TECH SHEET

Standard Vertical Door Stiles	2" (51mm) 4" (102mm) 6" (152mm)
Standard Top Horizontal	
2" Stile	4" (102mm)
4" Stile	4" (102mm)
6" Stile	6" (152mm)
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

Track Height	1 9/16" (40mm)
Track Width (standard)	73 1/2" (1.87m) includes end caps and adjusts to suit parametric width
Double Door Track Width (standard)	146 3/4" (3.73m) two tracks joined at middle
Track Depth	1 7/8" (48mm)
Pneumatic Slow Down Mechanism	Attached to door
Installation includes unique hanger design, requiring no fasteners to the DIRTТ 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

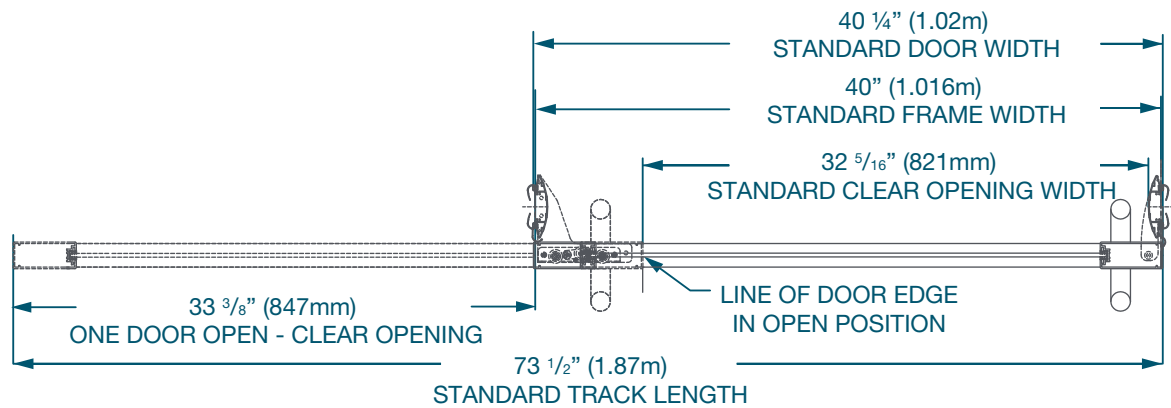
OTHER OPTIONS

Parametric Door Sizes Available	
Glass or Solid Transom over Door (Door frame option)	
Applied Muntins on Glass	4" Stile Doors Only Anodized or Powder Coat Finish Only
Drywall Face-mounted Sliding Door	

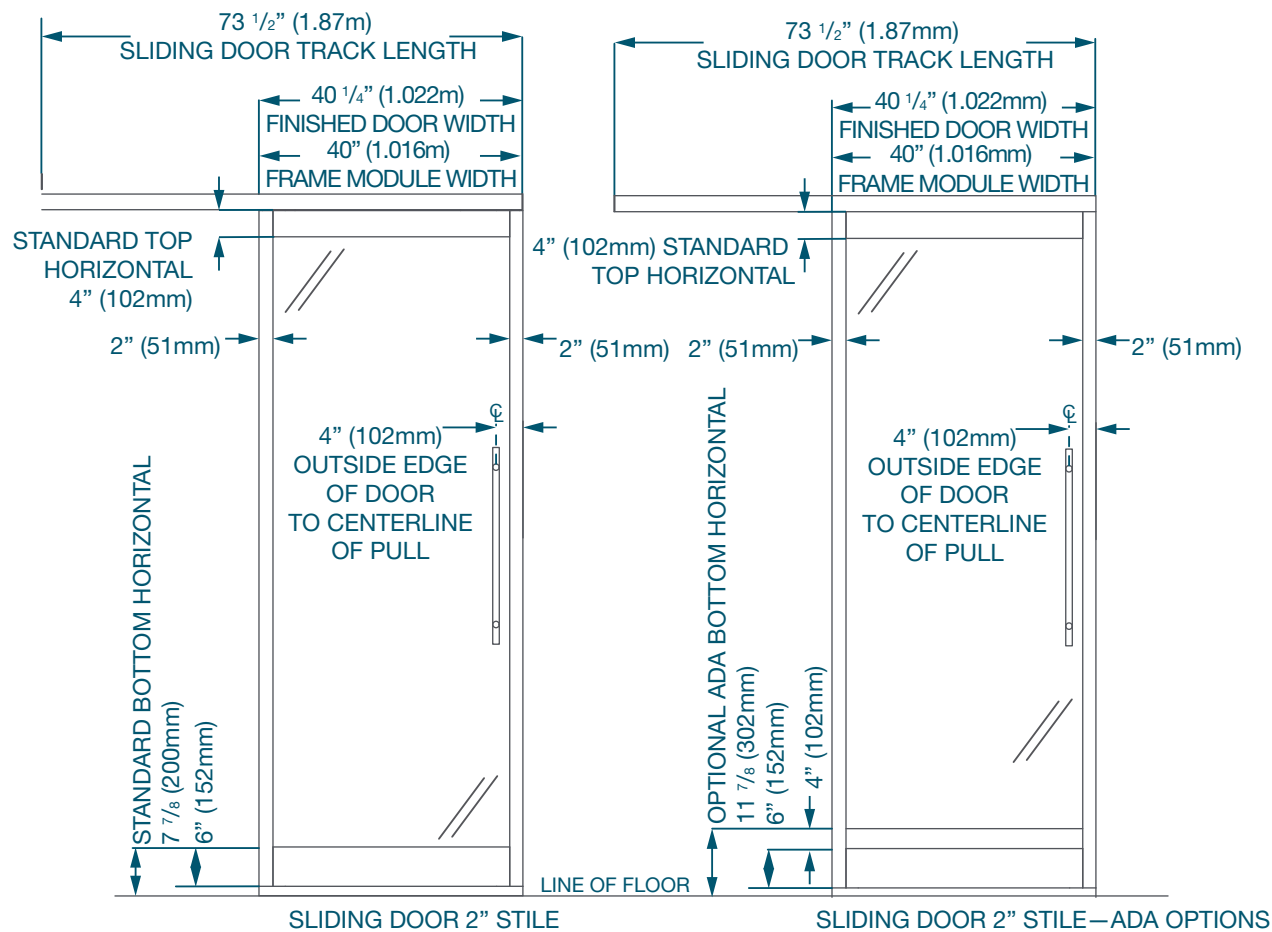
NOTE: DIRTТ has designed the standard door sizes to have a consistent frame module width between styles and also consider the minimum clear opening widths as required by section 1008 of the International Building Code (IBC). It is understood that local codes may supersede these requirements, and that 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.



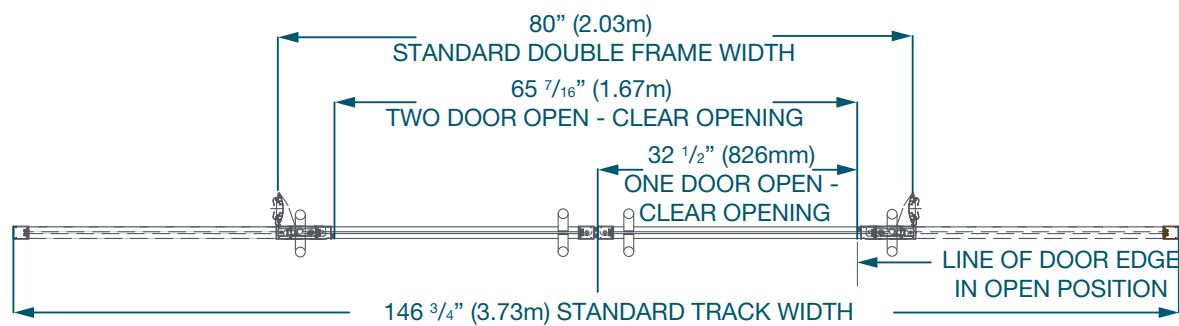
2" STILE SLIDING SINGLE DOOR CLEARANCE
[NOT TO SCALE (NTS)]



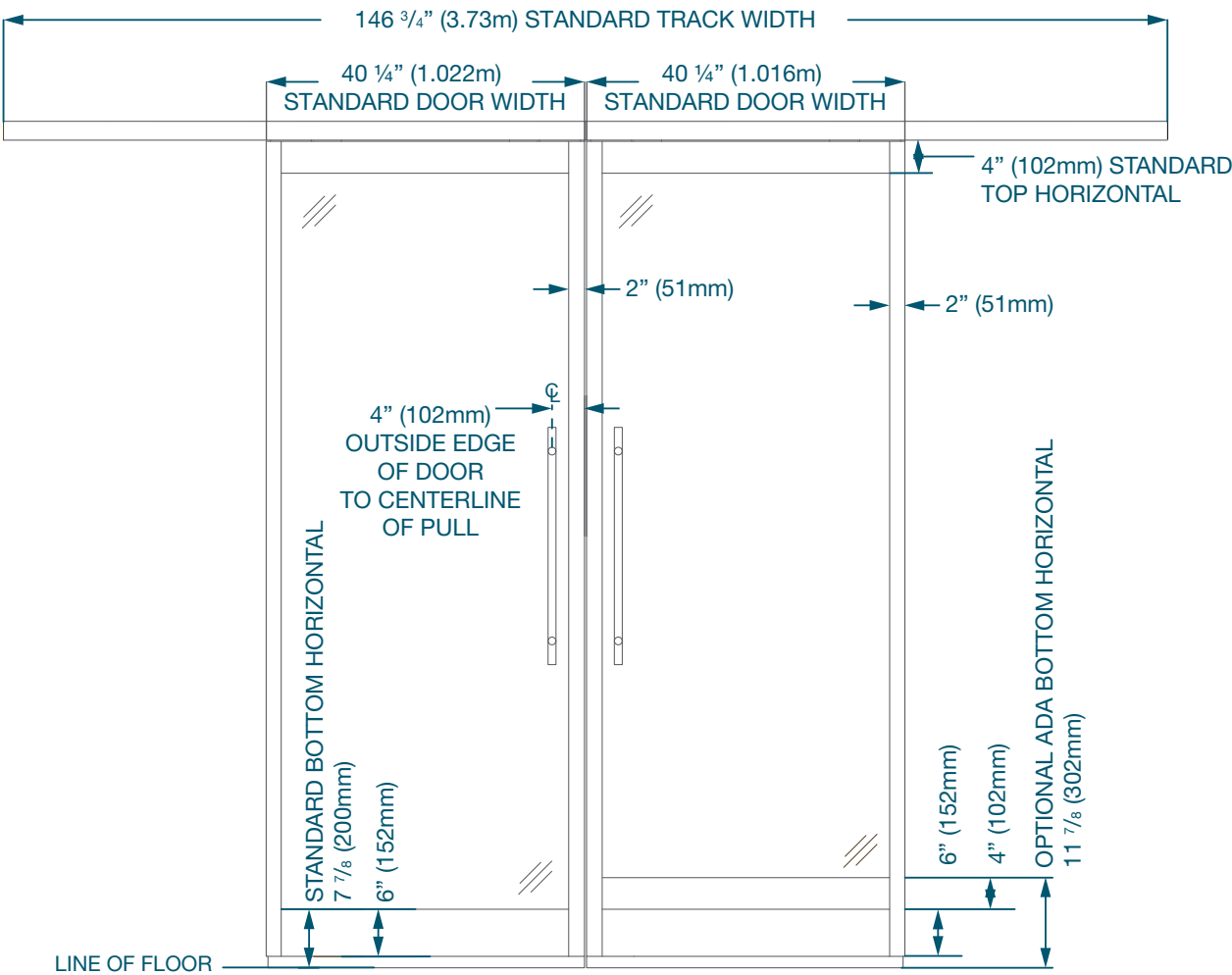
2" STILE SLIDING DOOR SINGLE PLAN VIEW/ELEVATION
(NTS)



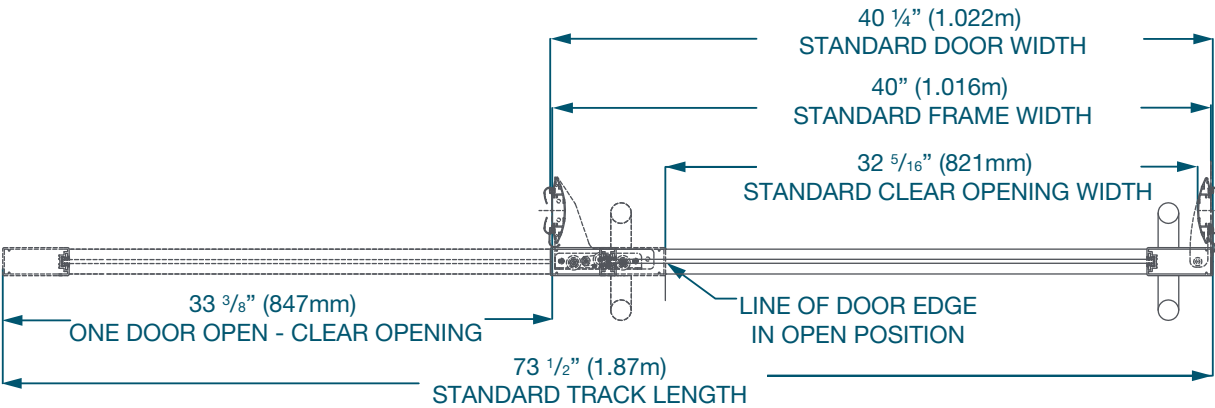
2" STILE SLIDING DOUBLE DOOR CLEARANCE
(NTS)



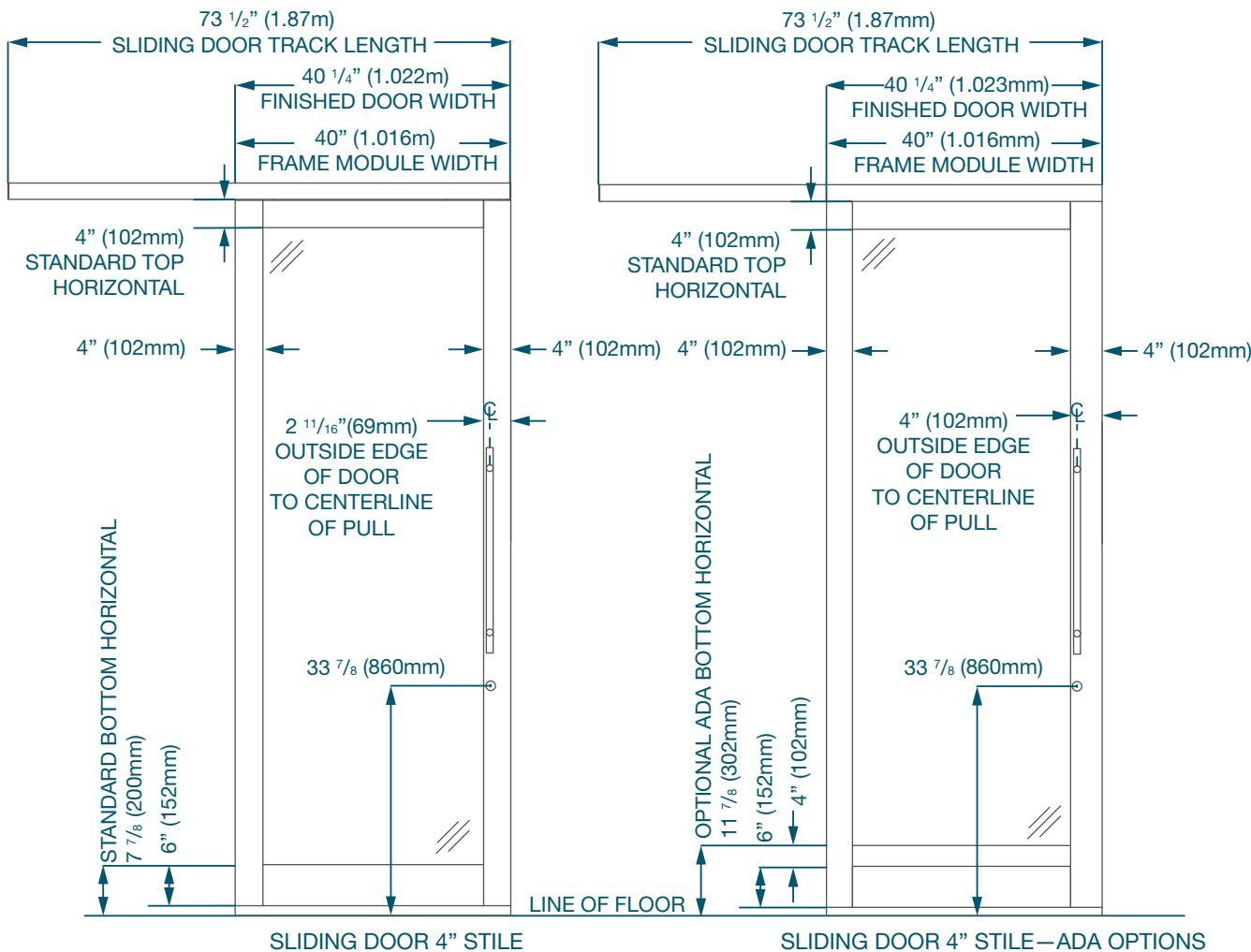
2" STILE SLIDING DOUBLE DOOR PLAN VIEW/ELEVATION
(NTS)



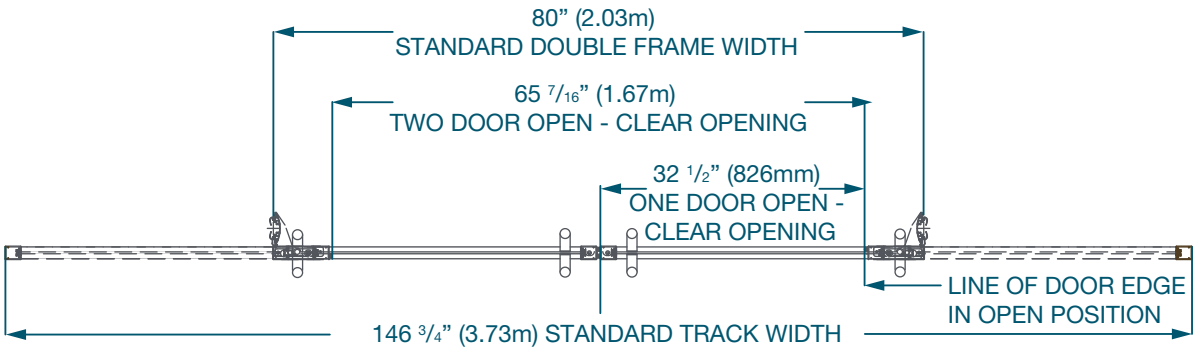
4" STILE SLIDING SINGLE DOOR CLEARANCE
[NOT TO SCALE (NTS)]



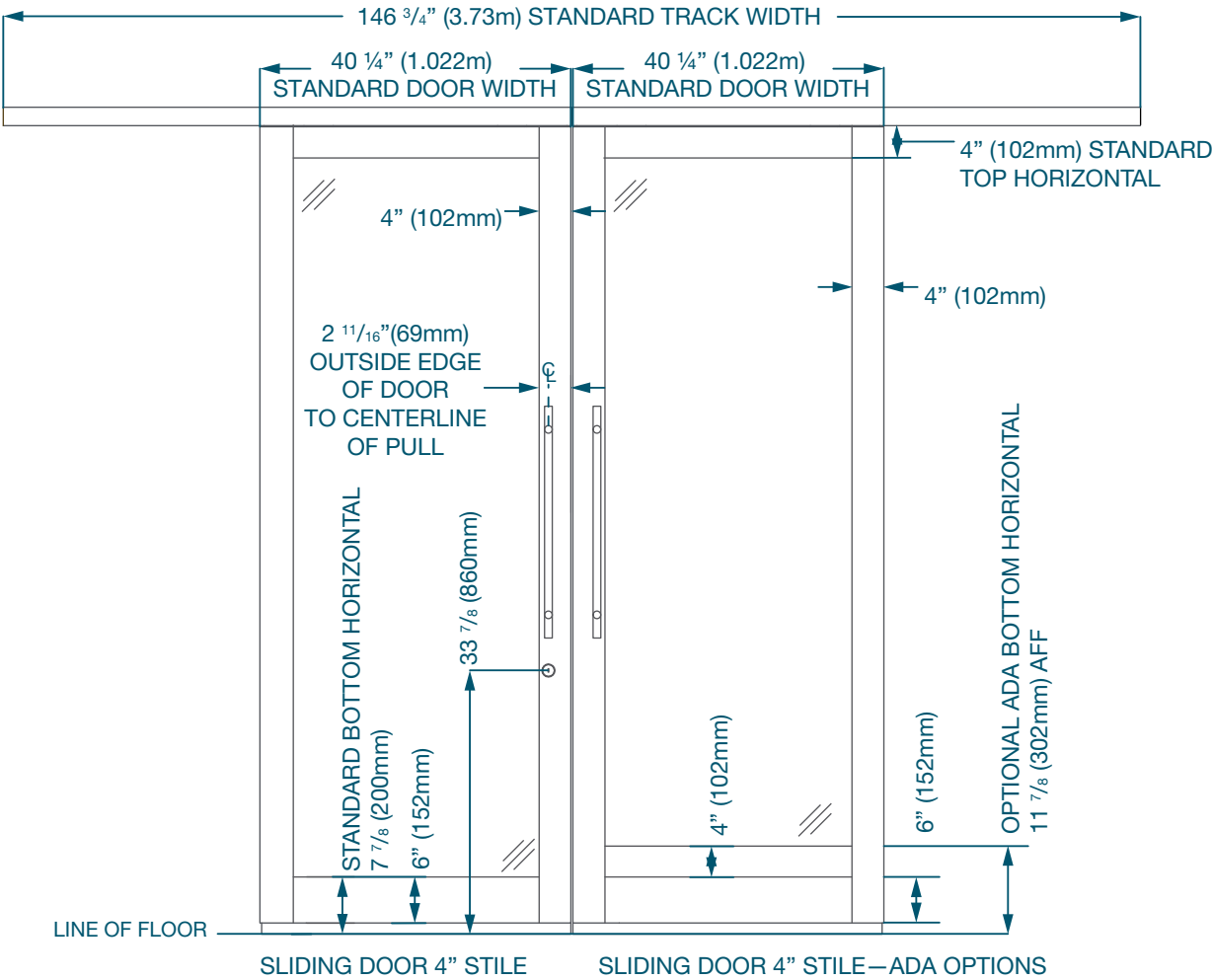
4" STILE SLIDING SINGLE DOOR PLAN VIEW/ELEVATION
(NTS)



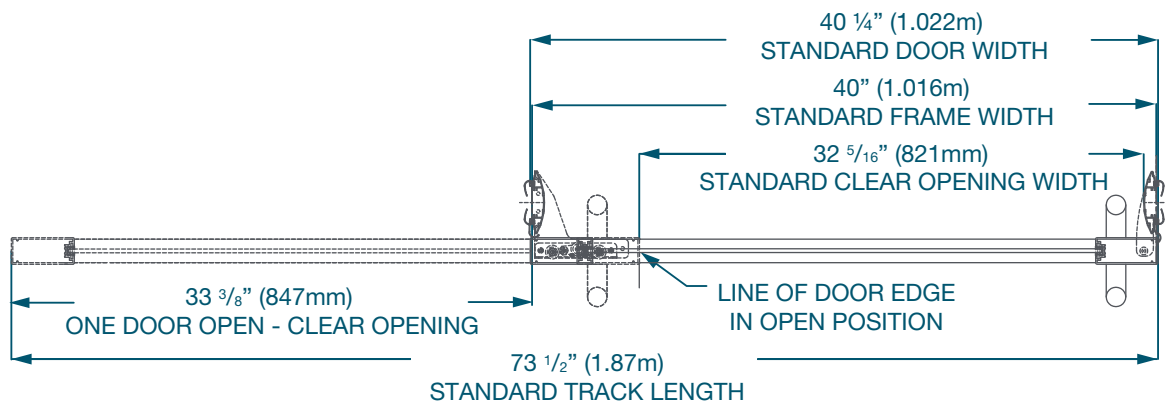
4" STILE SLIDING DOUBLE DOOR CLEARANCE
(NTS)



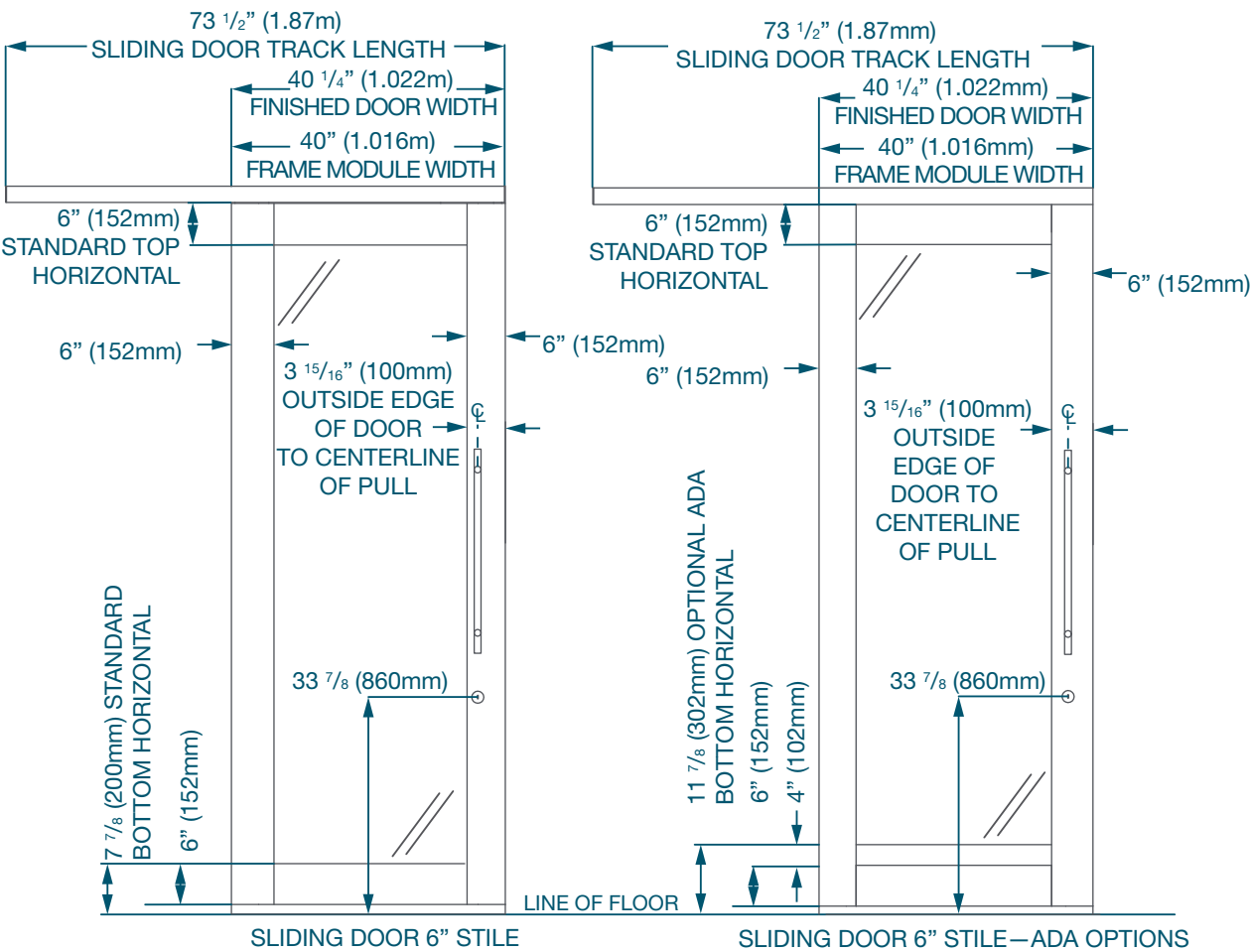
4" STILE SLIDING DOUBLE DOOR PLAN VIEW/ELEVATION
(NTS)



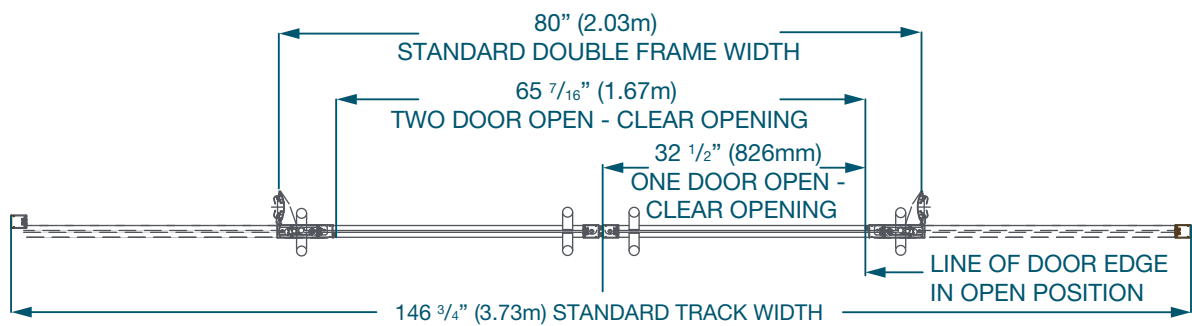
6" STILE SLIDING SINGLE DOOR CLEARANCE
[NOT TO SCALE (NTS)]



6" STILE SLIDING SINGLE DOOR PLAN VIEW/ELEVATION
(NTS)



6" STILE SLIDING DOUBLE DOOR CLEARANCE
(NTS)



6" STILE SLIDING DOUBLE DOOR PLAN VIEW/ELEVATION
(NTS)

