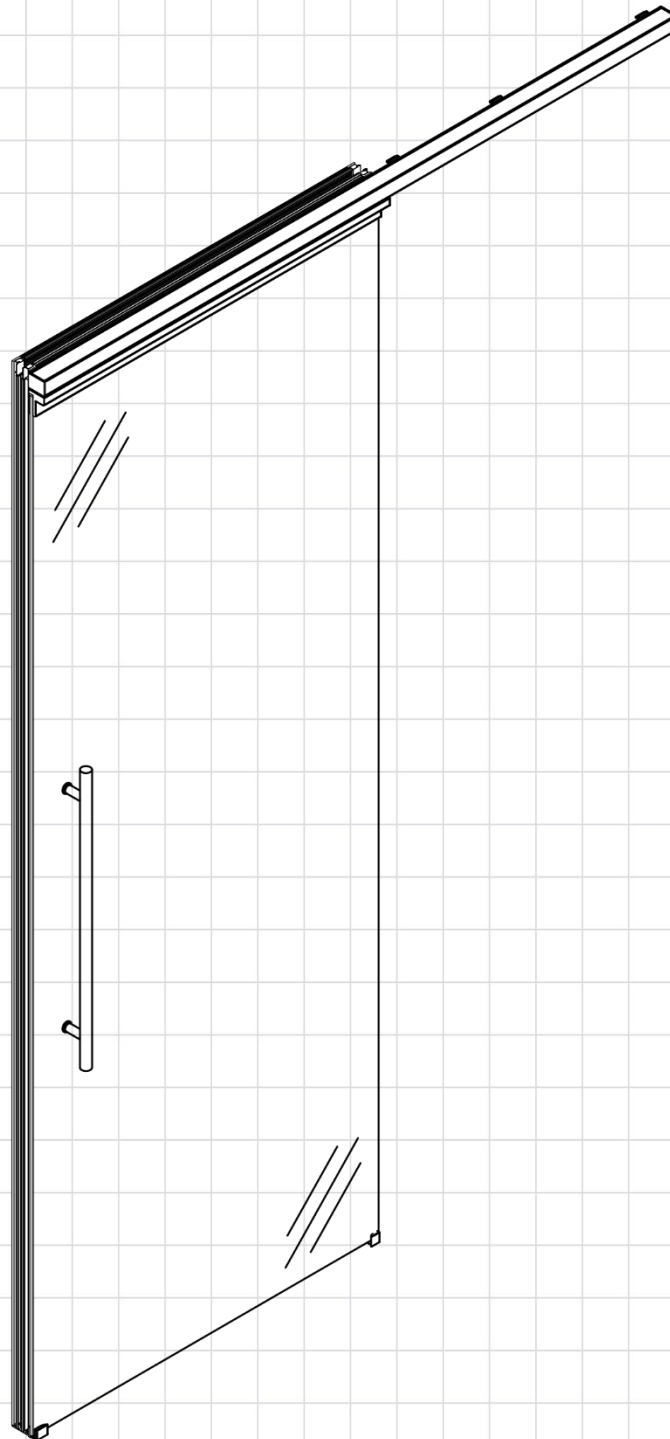


Frameless Glass Sliding Doors in Inspire™ Wall Systems



Tech Sheet





COMPONENTS + MATERIALS

ALUMINUM FRAME EXTRUSIONS

Architectural Grade and Structural Aluminum Alloys
Vertical and Horizontal Extrusions, Track, Track Cover

FINISHES

Clear anodized (5 micron standard)
Powder coated
Custom as required (see [DIRTT.com](https://www.dirtt.com)) for standard color options

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 and Silver
Custom as required

DOOR SEAL COMPONENTS

Rigid/Flex PVC Co-extrusion (strike side)
Fabric/Rigid PVC Co-extrusion (guide side)
PVC Color Options – as above in PVC Components
Z-seal for double doors

GLASS COMPONENTS

Standard Tempered Glass $\frac{3}{8}$ " (10mm)
Approved custom finishes
*Indicates items to be sourced locally by DIRTT Partner.

DOOR HARDWARE

Bottom Adjustable Skirt
Automatic Drop Seal

DIRTT Locking Options

Locking Options – Single Door only
Adams Rite Frameless Glass Patch Lock
Locking Pull*
DIRTT's own locking pull available in three standard heights

*For inside office use only.

DIRTT Door Pulls

See separate DIRTT pull specifications
See separate DIRTT standard pull height

All Styles – Customer's Own Material (COM)

Approved custom hardware (supplied "By Others")
Compatible door closers (supplied "By Others")

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OPERATING FORCE TEST RESULTS

Doors using a soft-close mechanism:

Soft-close doors require over 5lbs force to disengage door from closer device when moving toward the open position.

Door requires Less than 5lbs of force to move when released from the device.

Doors using a slowdown cylinder mechanism:

Slowdown cylinder-equipped doors do not exceed 5lbs operating force.

DIMENSIONS + DETAILS

FRAME/MODULE

Standard Frame Width (Module)	40" (1.02m)
Minimum (Min.) Module Width	
4 Roller	35" (889mm)
8 Roller	40" (1.02m)
Maximum (Max.) Module Width	48" (1.22m)
Double Frame Width (Module)	80" (2.03m)
Min. Module Width	70" (1.78m)
Max. Module Width	96" (2.44m)
Standard Ceiling Height	Up to 10'-0" (3.05m)
Standard Frame Depth	2" (51mm)
Door Guide/Receiver Assemblies	Locate in door frame (guide side)
Frame Height	Oversized in height; cut down on-site to suit opening

DOORS

Standard Door Glass Thickness	$\frac{3}{8}$ " (10mm)
Standard Door Glass Width	40 $\frac{1}{4}$ " (1.02m)
Min. Door Width	
4 Roller	35 $\frac{1}{4}$ " (885mm)
8 Roller	40 $\frac{1}{4}$ " (1.02m)
Max. Door Width	48 $\frac{1}{4}$ " (1.23m)



Standard Clear Opening Width	32 $\frac{3}{8}$ " (816mm) 7 $\frac{7}{8}$ " (200mm) less than specified module width
Double Door Clear Opening Width	
One Door Open	33 $\frac{3}{16}$ " (843mm)
Two Doors Open	66 $\frac{1}{4}$ " (1.68m)
NOTE: based on a standard 40" (1.02m) frame width.	
Gap Between Doors (when closed)	$\frac{3}{16}$ " (4.5mm)
Door Height Adjustment	Adjust in conjunction with DIRTT moveable system
Standard Top Frameless Glass Rail	2 $\frac{3}{8}$ " (61mm)
Standard Bottom AFF	2 $\frac{5}{16}$ " (59mm)
Gap between glass bottom and floor	$\frac{1}{2}$ " (13mm)
NOTE: This gap dimension may change based on floor levelness.	
Adjustable Base Nominal Height to Top of Skirt (optional)	5" (127mm) AFF
Skirt adjustability	$\frac{3}{8}$ " (10mm) up and 1 $\frac{3}{8}$ " (35mm) down

TRACK ASSEMBLY

Track Height	1 $\frac{9}{16}$ " (40mm)
Track Depth	1 $\frac{7}{8}$ " (48mm)
Standard Track Width	73 $\frac{1}{2}$ " (1.87m) includes end caps. Adjusts to suit parametric widths.
Standard Double Door Track Width	146 $\frac{3}{4}$ " (3.72m) per one track
Pneumatic Piston Slow Down or Soft Close Mechanisms	Concealed in track
Installation includes:	Unique hanger design, requiring no fasteners to the DIRTT frame system.

FRAME CONNECTIONS

DIRTT Wall and/or Drywall to Frame

Hidden Cufflinks

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 bracket 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

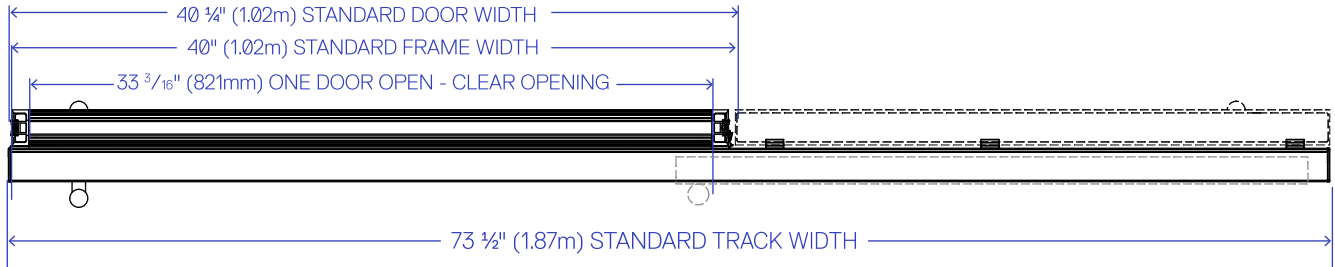
Glass Transom (muntin only, no stack) (door
frame option)

Applied muntins on glass (anodized or powder coat finish
only) (door option)

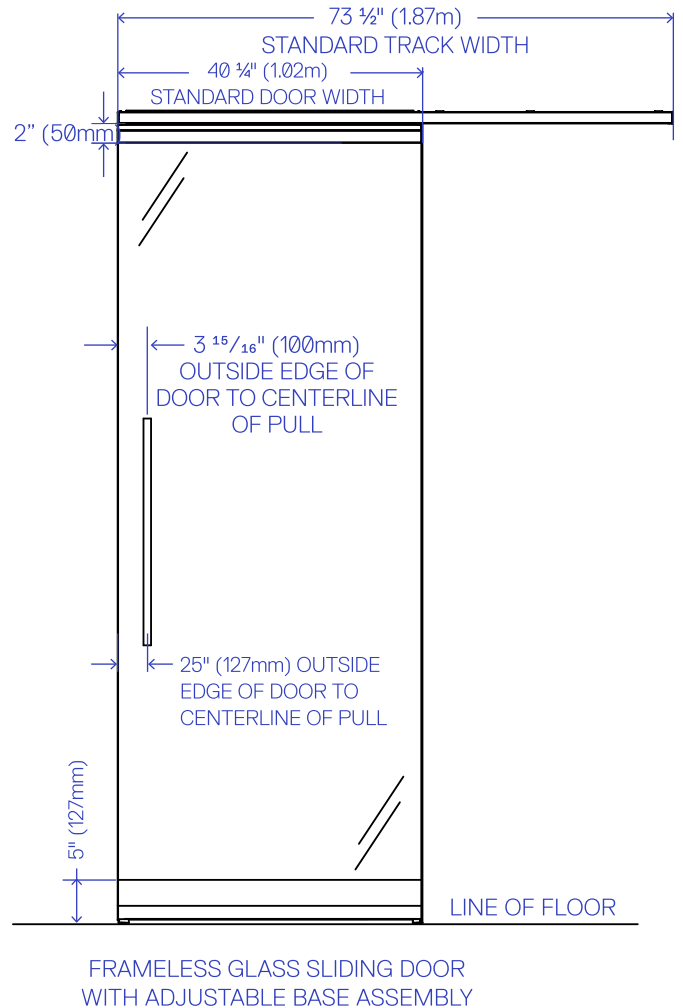
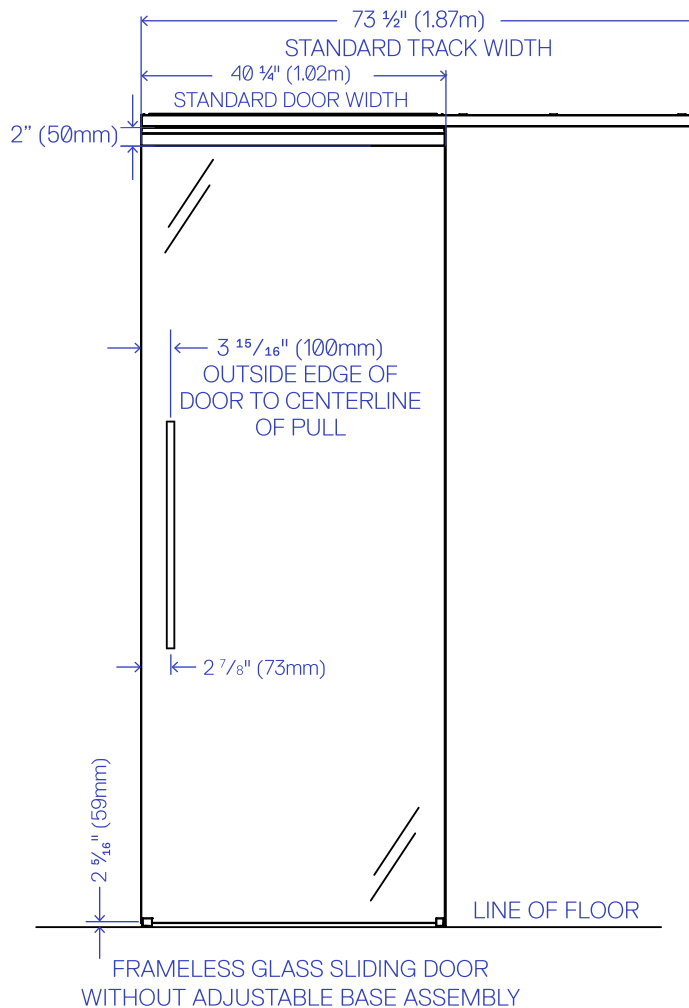
NOTE: DIRTT has designed the standard door sizes to
have a consistent frame module width between styles
and also consider the minimum clear opening widths as
required by section 1008 of the International Building
Code (IBC). It is understood that local codes may
supersede these requirements, and that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



SINGLE DOOR CLEARANCE TOP VIEW



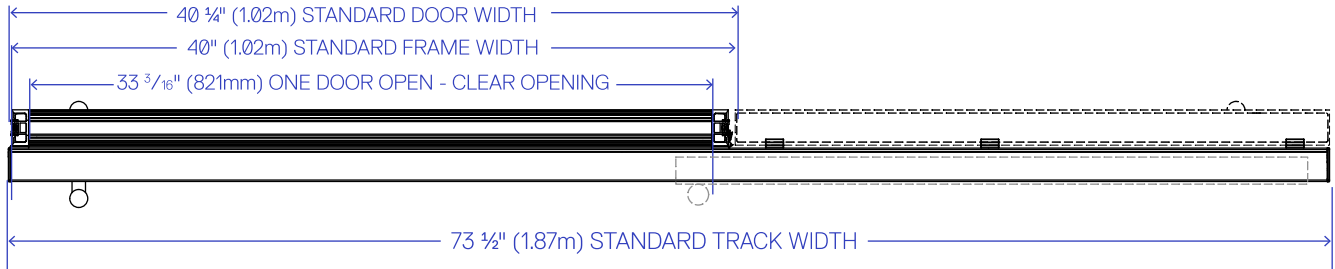
ELEVATION FRONT VIEW



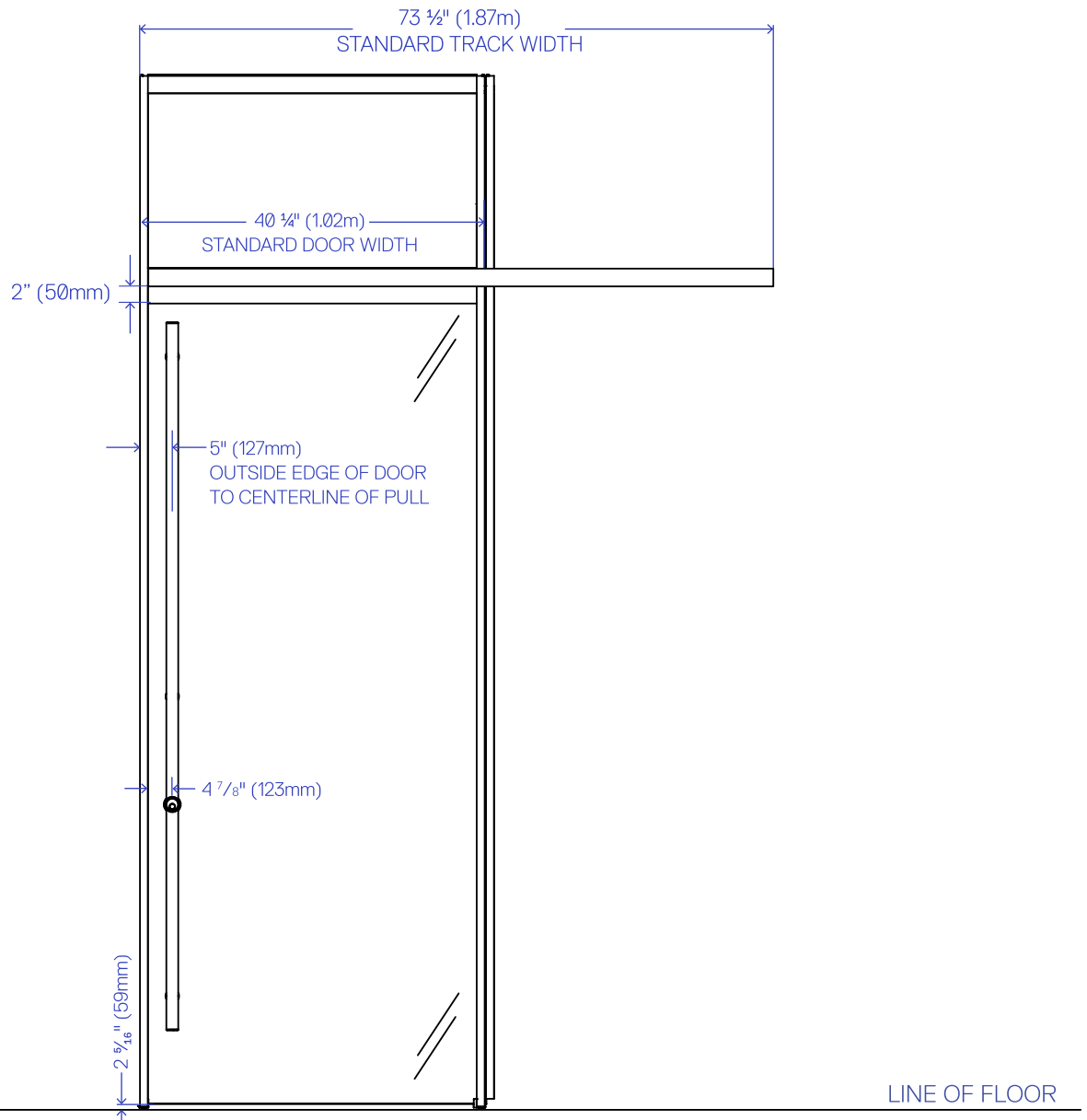


SINGLE DOOR WITH TRANSOM

CLEARANCE - TOP VIEW



ELEVATION - FRONT VIEW

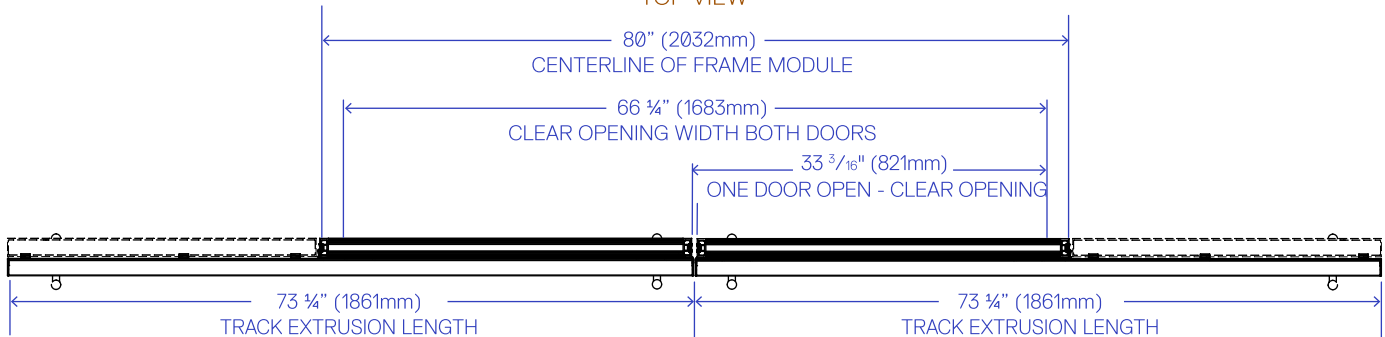




DOUBLE DOOR

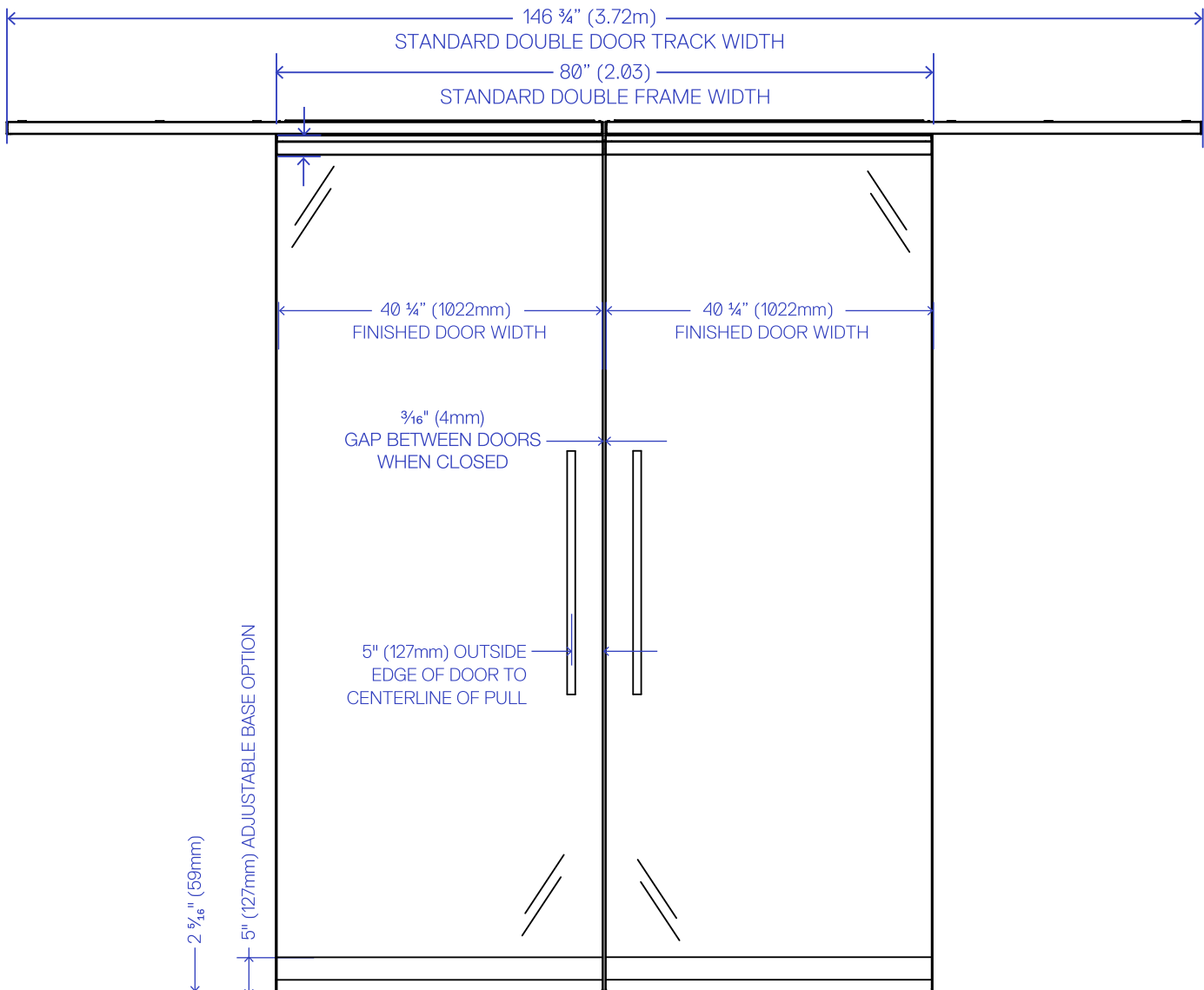
CLEARANCE

TOP VIEW



ELEVATION

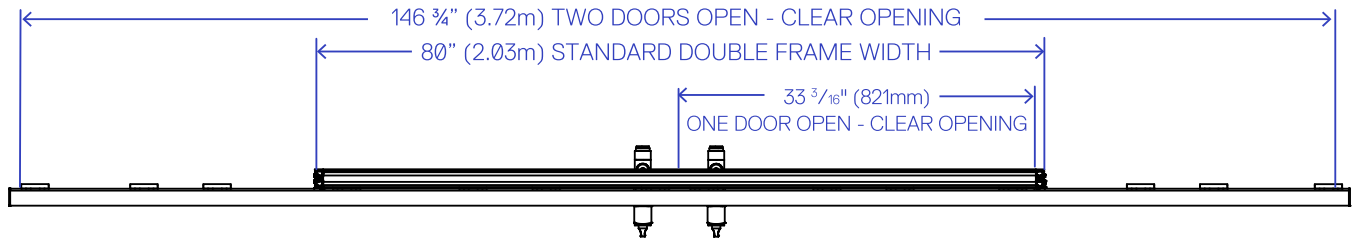
FRONT VIEW





DOULBE DOOR WITH TRANSOM

CLEARANCE - TOP VIEW



ELEVATION - FRONT VIEW

