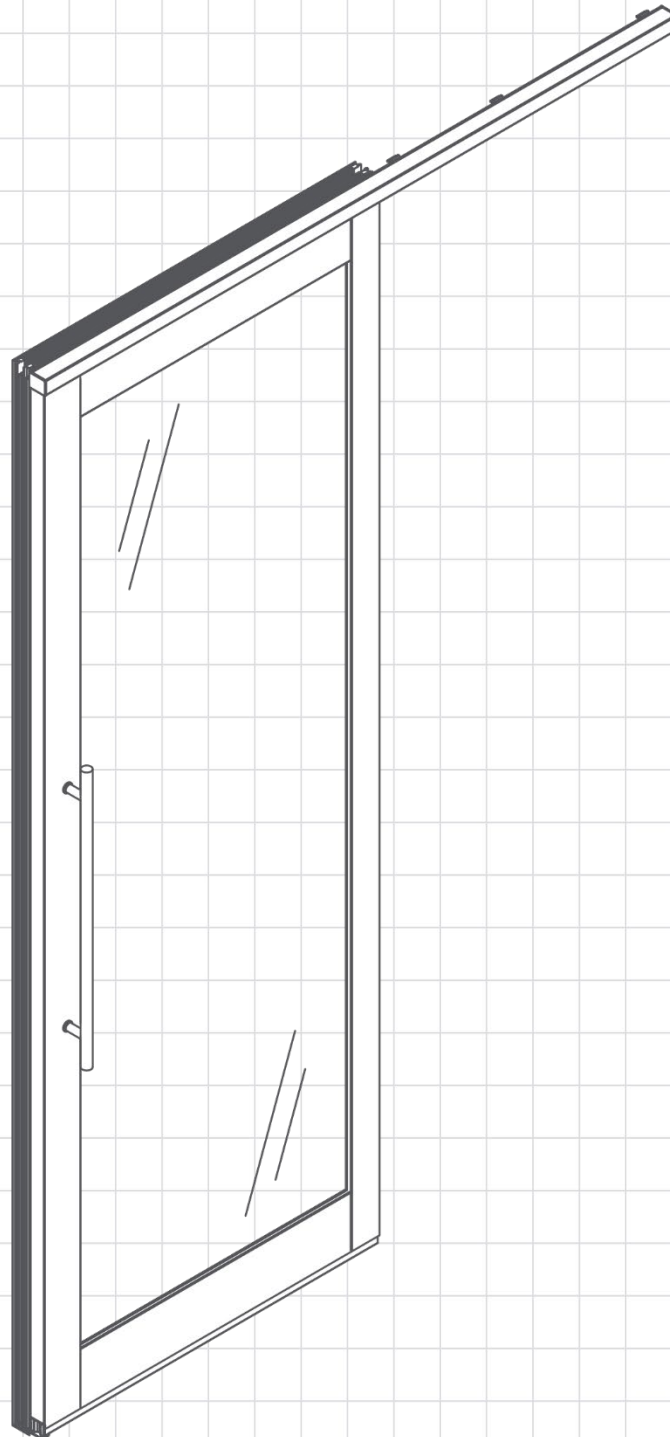


Aluminum-framed Sliding Doors in Inspire™ Wall Systems

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
Veneer (door and track 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 and Silver
Custom as required

DOOR SEAL COMPONENTS

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

GLASS COMPONENTS

Standard Tempered Glass: ¼" (6mm) - Option ⅜" (10mm)*
Standard Laminated Glass: Option ⅜" (10mm)*
Approved custom finishes
*DIRTT or partners can supply all glass.

DOOR HARDWARE

All Stiles

Adjustable Bottom
Automatic Drop Seal

All Stiles - DIRTT Locking Options

Locking Options – Single and Double Doors
Adams Rite Lock 1870-30-628
Locking Pull
Slim door (6mm glass) for outside office only
Goldie and Phat doors (10mm glass)
DIRTT's own locking pull available in three standard heights

2" (Slim)

Top-locking pull

4" Goldie

Magnetic Lock Schlage 320M

6" (Phat)

Bottom locking - Life Lock
Magnetic Lock Schlage 320M

DIRTT Door Pulls

See separate DIRTT pull specifications
See separate DIRTT standard pull height

All Stiles – Customer's Own Material (COM)

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

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	
Slowdown 4 Roller	30" (762mm)
Slowdown 8 Roller	34 ¾" (883mm)
Soft close 4 Roller	35 ¼" (895mm)
Soft close 8 Roller	40" (1.016m)
Maximum (Max.) Module Width	60" (1.52m)
Double Frame Width (Module)	80" (2.03m)
Min. Module Width	70" (1.78m)
Max. Module Width	96" (2.44m)
Standard clear opening width	38" (965mm)
Double Door Clear Opening Width	
NOTE: Based on a standard 40" (1.02m) frame width.	
One Door Open	33 ⅝" (843mm)
Two Doors Open	66 ¼" (1.68m)
Standard ceiling height	Up to 10'-0" (3.05m)
Standard frame depth	2" (51mm)
Door Guide/Receiver Assemblies	Located in door frame
Frame Height	Oversized in height; cut down on-site to suit opening



DOORS

Standard Door Thickness	1 $\frac{11}{16}$ " (43mm)
Standard Door Width	40 $\frac{1}{4}$ " (1.02m)
Gap between doors (when closed)	$\frac{3}{16}$ " (4mm)
Door height adjustment	+ $\frac{5}{8}$ " (16mm) and -1 $\frac{3}{4}$ " (44mm)

DROP SEALS

Shipped length assembly	
40 $\frac{1}{4}$ " (1022mm)	
Door range width	36 $\frac{1}{2}$ " (926mm) to 42 $\frac{1}{16}$ " (1068mm)
40 $\frac{9}{16}$ " (1030mm)	
Door range width	36 $\frac{1}{2}$ " (926mm) to 42 $\frac{3}{8}$ " (1076mm)
44" (1117mm)	
Door range width	40 $\frac{3}{8}$ " (1026mm) to 45 $\frac{13}{16}$ " (1163mm)

DOOR STILES

2" Stile (Slim)	
Standard Vertical Door Stiles	2" (51mm)
Standard Top Horizontal	4" (102mm)
Standard Bottom Horizontal	7 $\frac{7}{8}$ " (200mm) AFF
Optional ADA* Bottom Horizontal	11 $\frac{7}{8}$ " (302mm) AFF
4" Stile (Goldie)	
Standard Vertical Door Stiles	4" (102mm)
Standard Top Horizontal	4" (102mm)
Standard Bottom Horizontal	7 $\frac{7}{8}$ " (200mm) AFF
Optional ADA* Bottom Horizontal	11 $\frac{7}{8}$ " (302mm) AFF
6" Stile (Phat)	
Standard Vertical Door Stiles	6" (152mm)
Standard Top Horizontal	6" (152mm)
Standard Bottom Horizontal	7 $\frac{7}{8}$ " (200mm) AFF
Optional ADA* Bottom Horizontal	11 $\frac{7}{8}$ " (302mm) AFF

**Bottom option for aesthetic matching only; not required by code.*

For further details on door options, review the [Aluminum-framed Sliding Door with 2", 4", 6" Stiles Tech Sheet](#)

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. Can be ordered in parametric widths.
Standard Double Door Track Width	146 $\frac{3}{4}$ " (3.72m) per one track
Single and split double tracks available	
Pneumatic Piston Slow Down or Soft Close Mechanisms	Concealed in track
Unique hanger design, requiring no fasteners to the DIRT™ 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 a seismic bracket or 96590_Inspire Header Lit Assembly installed to support track at middle of door frame header

TRIM COMPONENTS

Ceiling Trim

Flexible trim from top of door frame 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)

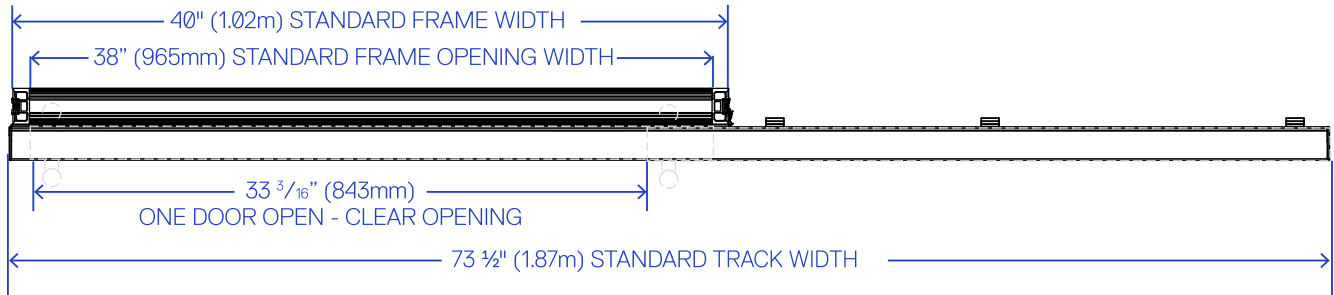
NOTE: DIRT™ has designed the standard door sizes to have a consistent frame module width between styles and also consider the minimum clear opening widths as required by section 1008 of the International Building Code (IBC). It is understood that local codes may supersede these requirements, and that 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 – ALL REGULAR DOORS (2", 4", 6")

CLEARANCE

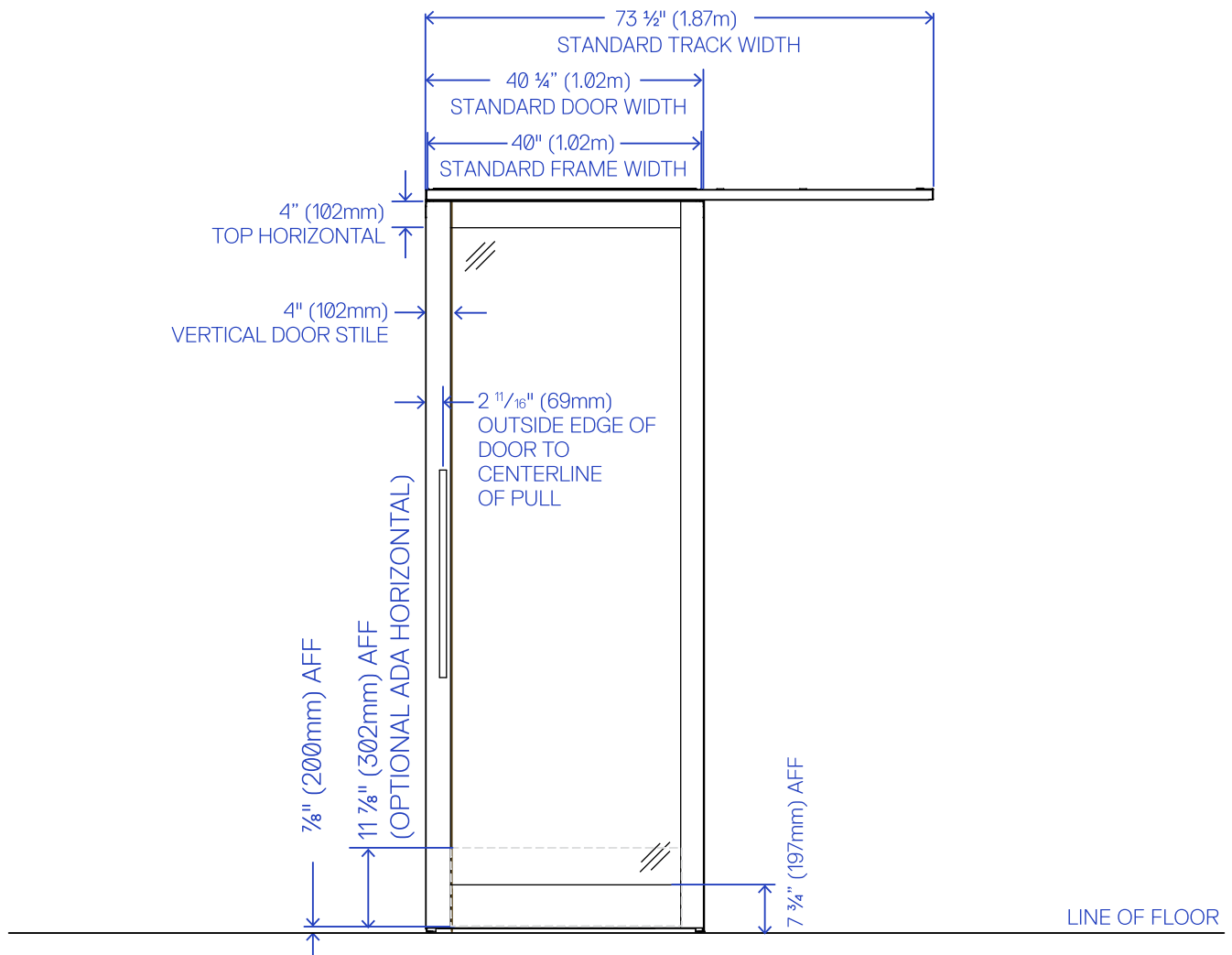
TOP VIEW



ELEVATION

FRONT VIEW

NOTE: 4" (GOLDIE) DOOR FOR THE EXAMPLE BELOW

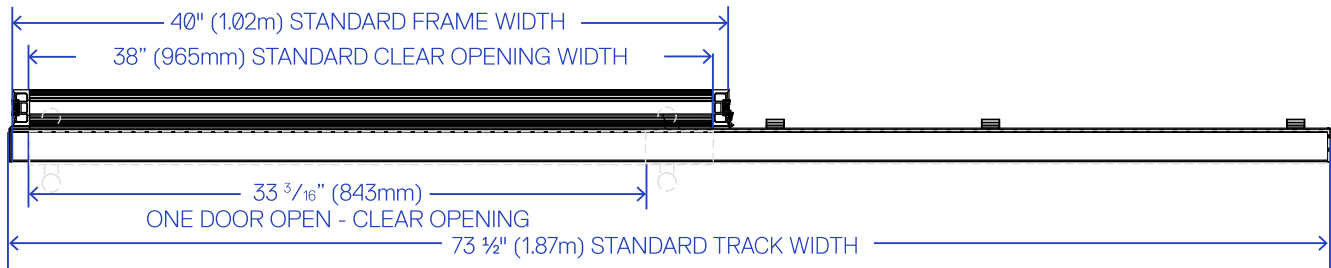




SINGLE DOOR WITH TRANSOM – ALL REGULAR DOORS (2", 4", 6")

CLEARANCE

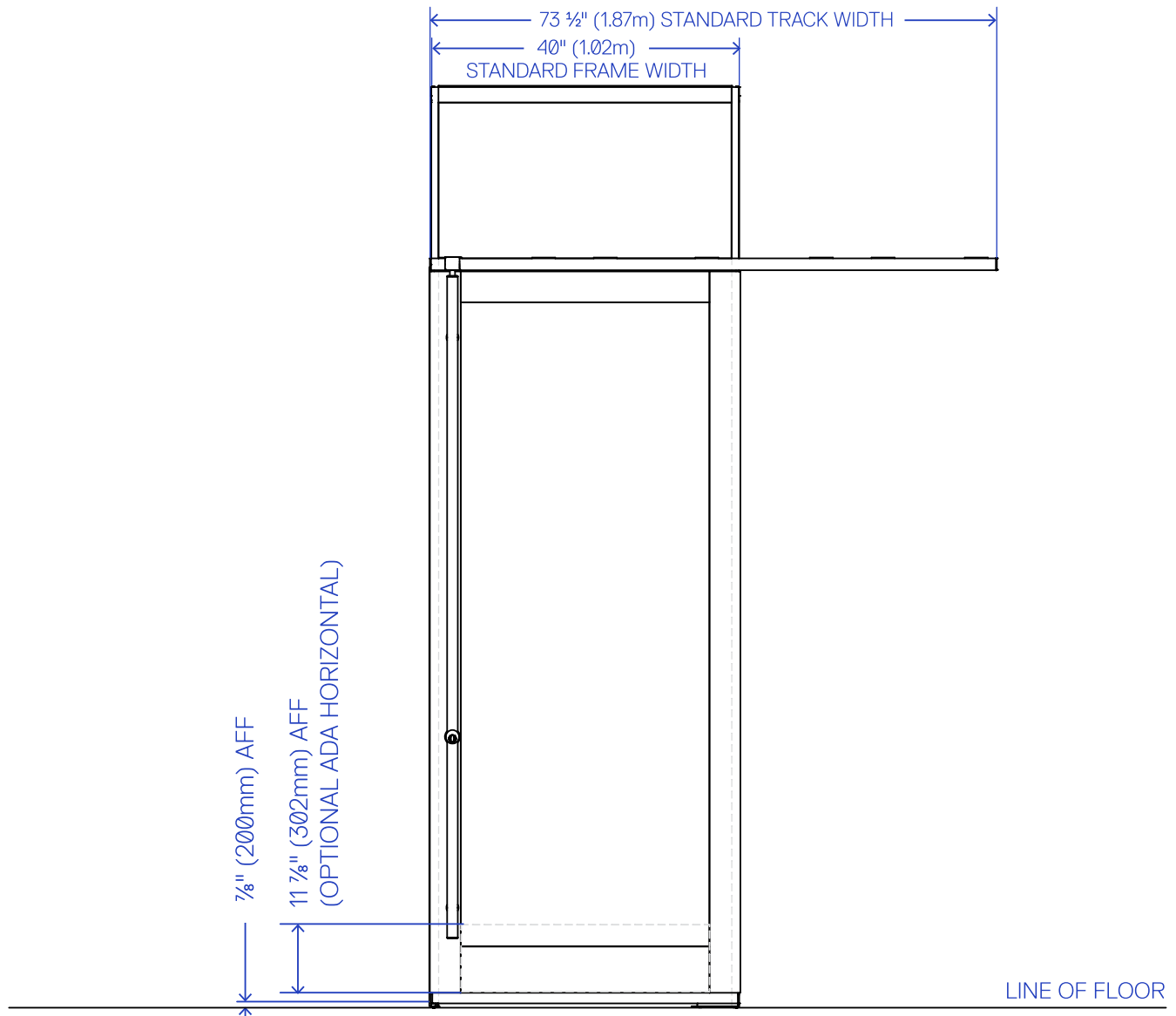
TOP VIEW



ELEVATION

FRONT VIEW

NOTE: 4" (GOLDIE) DOOR FOR THE EXAMPLE BELOW

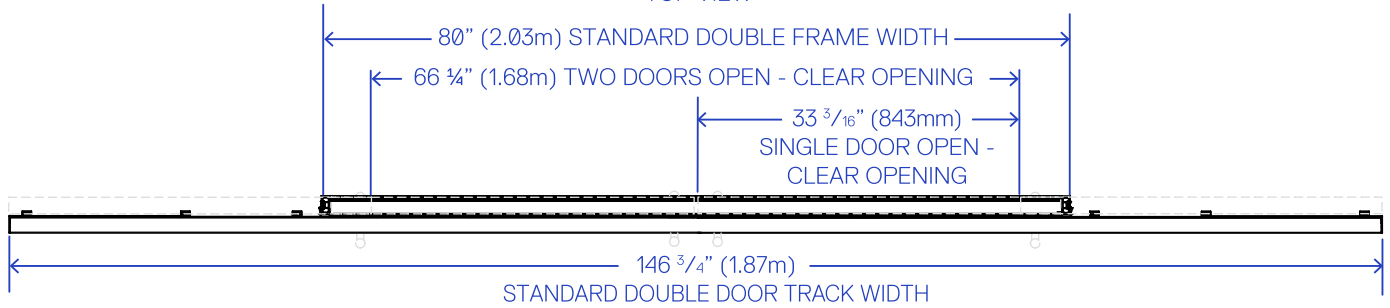




DOUBLE DOOR – ALL REGULAR DOORS (2", 4", 6")

CLEARANCE

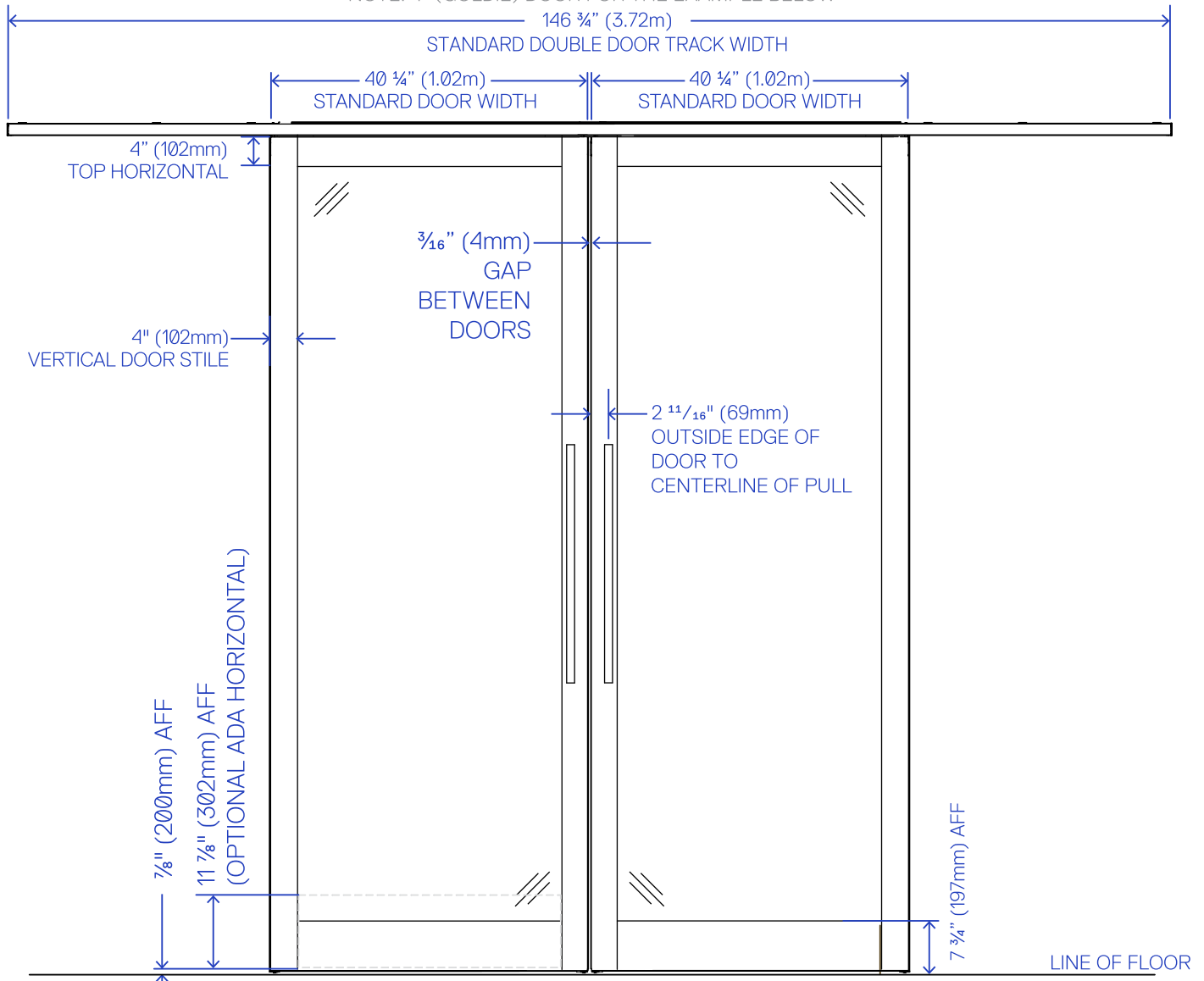
TOP VIEW



ELEVATION

FRONT VIEW

NOTE: 4" (GOLDIE) DOOR FOR THE EXAMPLE BELOW

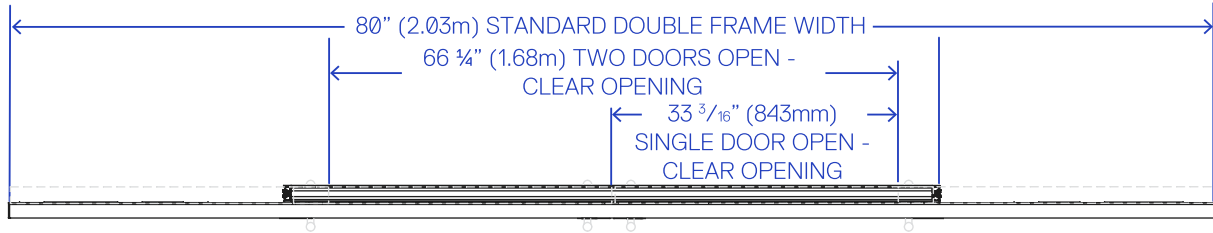




DOUBLE DOOR WITH TRANSOM – ALL REGULAR DOORS (2", 4", 6")

CLEARANCE

TOP VIEW



ELEVATION

FRONT VIEW

NOTE: 4" (GOLDIE) DOOR FOR THE EXAMPLE BELOW

