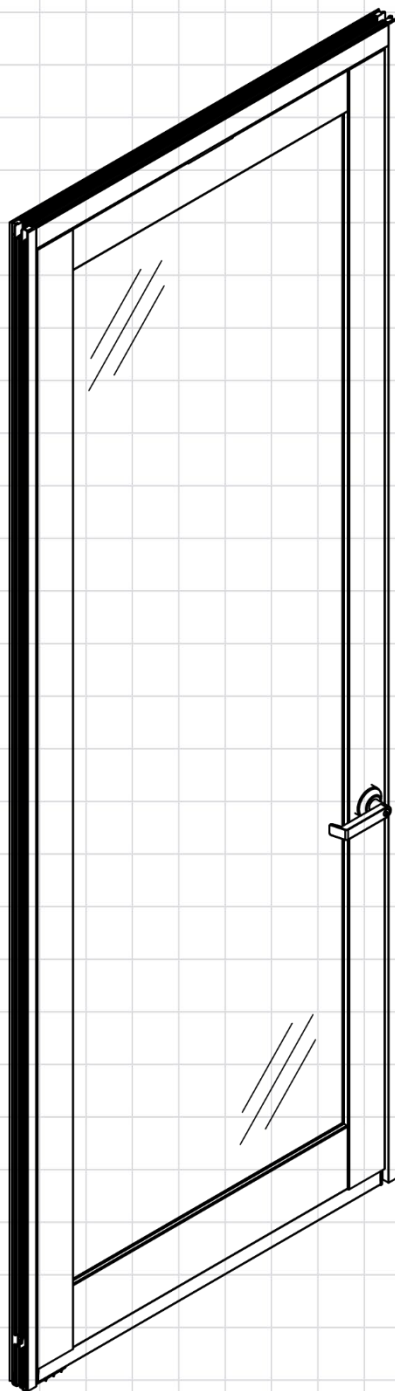
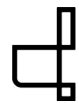


Aluminum-framed Glass Pivot Door in Inspire Wall Systems

Tech Sheet





COMPONENTS + MATERIALS

ALUMINUM FRAME EXTRUSIONS

Architectural Grade and Structural Aluminum Alloys
Door, Door Frame

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

0.400" Poly Pile (available in black or grey)
PVC Color Options – as above in PVC Components

DOOR GLASS COMPONENTS

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

DOOR HARDWARE

NOTE: Locking and non-locking options as specified by door stile.

2" Stile (Slim)

Locking Pulls
Mag Locks

4" Stile (Goldie)

Schlage "S" Series Cylindrical Hardware
Jupiter, Neptune or Saturn lever styles with 626 finish only with 2 ⅝" 960mm) backset
S51PD Lockset, S10D Passage Set, S170 Dummy Trim
DIRTT standard mounting height for levers is 38" (965mm) above finish floor (AFF) to centerline of lever

6" Stile (Phat)

Falcon "B" Series Cylindrical Hardware
Quantum and Dane lever styles with 626 finish only
B511 Lockset, B101 Passage Set, B12 Dummy Trim
DIRTT standard mounting height for levers is 38" (965mm) AFF to centerline of lever

All Stiles – DIRTT Locking Options

Locking Option – Single Door only
Top Locking Pulls – for all option
Locking Pull
DIRTT's own locking pull available in three standard heights

All Stiles – DIRTT Non-locking Options

See DIRTT Pull Specifications
See DIRTT Standard Pull Height, for AFF locations
Flush bolts, roller catches
For double doors, flush bolt on inactive door at the top 4 ⅞" (124mm) high strike plates

All Stiles – Customer's Own Material (COM)

Approved Custom Hardware (supplied "By Others")



DIMENSIONS + DETAILS

FRAME/MODULE

Standard Frame Width (Module)	40" (1.02m)
Standard Double Frame Width (Module)	78 1/8" (1.98m)
Standard Ceiling Height	Up to 10'-0" (3.05m)
Standard Frame Depth	2" (51mm)
Lower Pivot Plate	Locate in door frame
Frame Height	Oversized in height; cut down on-site to suit opening

DOOR

Standard Door Thickness	1 11/16" (43mm)
Standard Door Width	37 3/4" (954mm)
Standard Clear Opening Width	33 11/16" (855mm) (5 5/16" (161mm) less than specified module width)
Standard Door Swing (from closed position)	
Rectilinear Frame Maximum	145° clear opening 32" (812mm)
Double Door Clear Opening Width	
One Door Open	34 5/16" (872mm)
Two Doors Open	68 15/16" (1.75m)
Door Height Adjustment	+5/8" (16mm) and -1 3/4" (44mm)

DOOR TYPE

NOTE: Inspire door frames include DIRT's standard door offerings. For further detail on the door options review the following tech sheets

[Aluminum-framed 2", 4" and 6" Tech Sheet](#)

2" (Slim)

Standard Vertical Door Stiles	2" (51mm)
Standard Top Rail	4" (102mm)
Standard Bottom Rail	7 7/8" (200mm) AFF
Optional ADA* Rail	11 7/8" (302mm) AFF

4" (Goldie)

Standard Vertical Door Stiles	4" (102mm)
Standard Top Rail	4" (102mm)
Standard Bottom Rail	7 7/8" (200mm) AFF
Optional ADA* Bottom Horizontal	11 7/8" (302mm) AFF

6" (Phat)

Standard Vertical Door Stiles	6" (152mm)
Standard Top Rail	6" (152mm)
Standard Bottom Rail	7 7/8" (200mm) AFF
Optional ADA* Bottom Rail	11 7/8" (302mm) AFF

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

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)

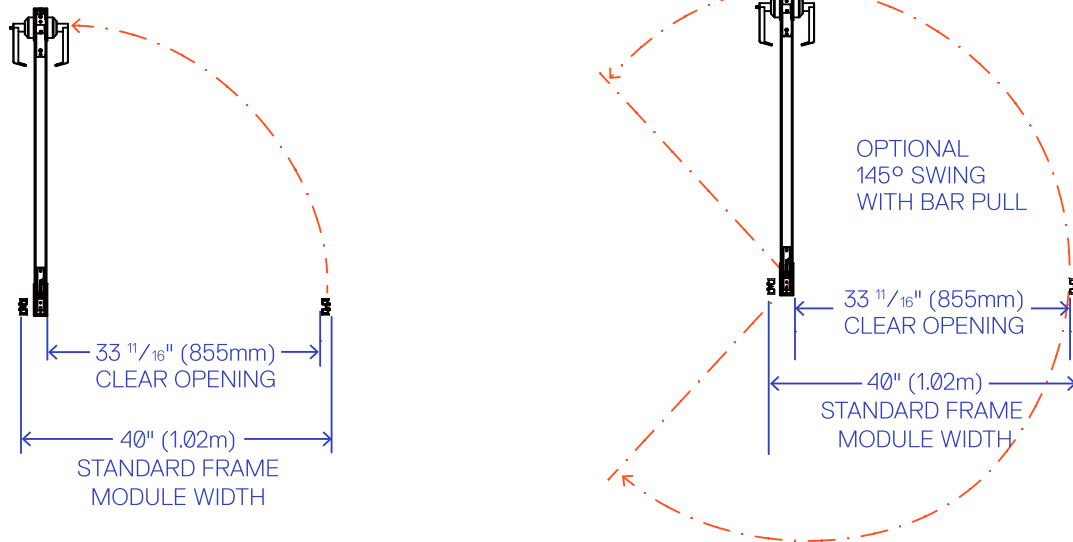
NOTE: DIRT has designed the standard door sizes to have a consistent frame module width between styles and also consider the minimum clear opening widths as required by section 1008 of the International Building Code (IBC). It is understood that local codes may supersede these requirements, and that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

CLEARANCE

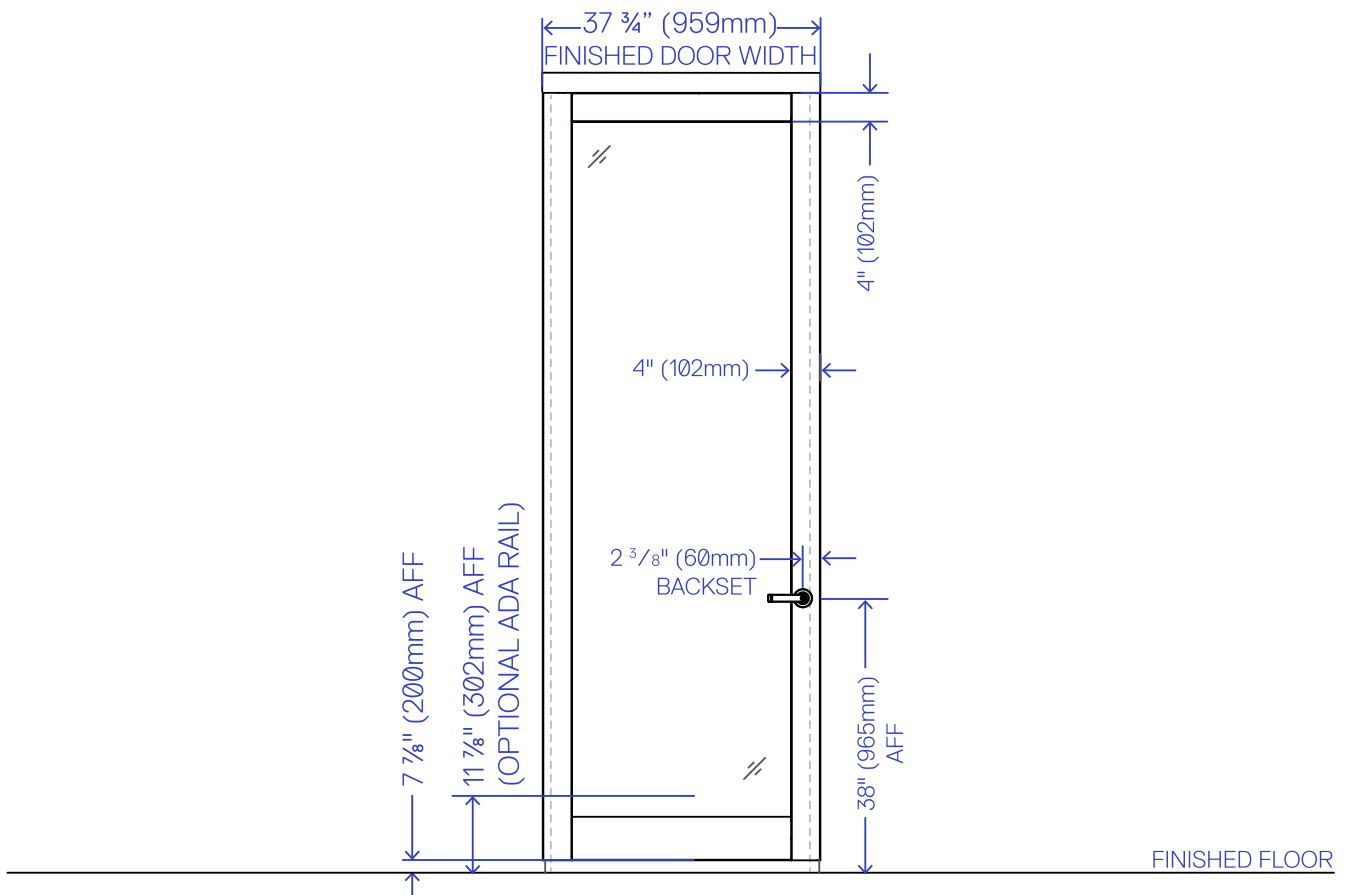
TOP VIEW



ELEVATION

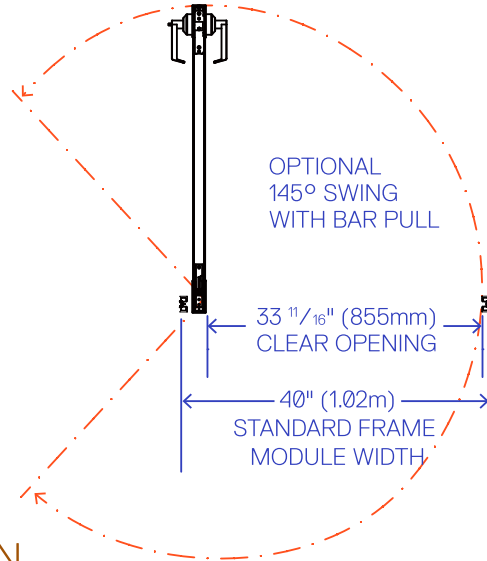
FRONT VIEW

NOTE: 4" GOLDIE STILE DOOR FOR THE EXAMPLE BELOW





TOP VIEW



FRONT VIEW

Technical drawing of a door assembly showing dimensions and components:

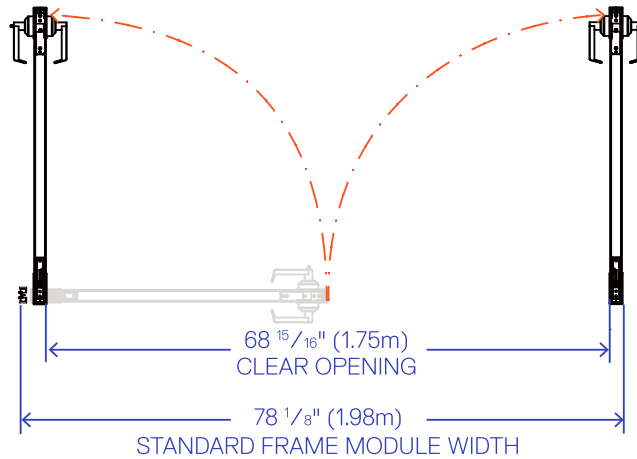
- Finished Door Width:** 37 3/4" (959mm)
- Top Panel Height:** 4" (102mm)
- Side Panel Width:** 4" (102mm)
- Backset:** 2 3/8" (60mm)
- Optional ADA Rail Height:** 11 7/8" (302mm) AFF
- Bottom Panel Height:** 7 7/8" (200mm) AFF
- Bottom Panel Width:** 38" (965mm) AFF
- Finished Floor:** Indicated by a dashed line at the bottom.



SINGLE DOOR – All Stiles All Stiles (2", 4", 6")

CLEARANCE

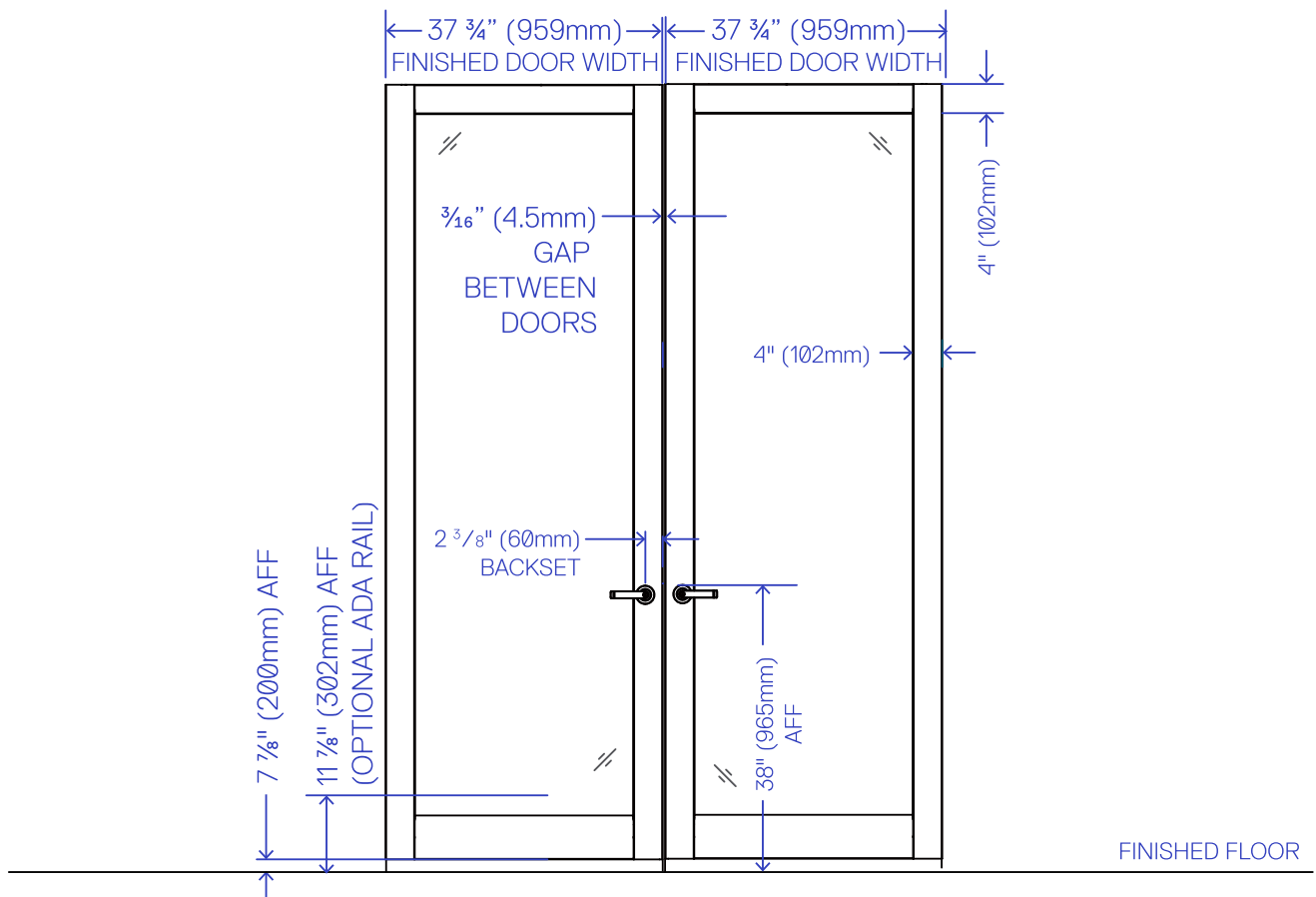
TOP VIEW



ELEVATION

FRONT VIEW

NOTE: 4" GOLDIE STILE DOOR FOR THE EXAMPLE BELOW

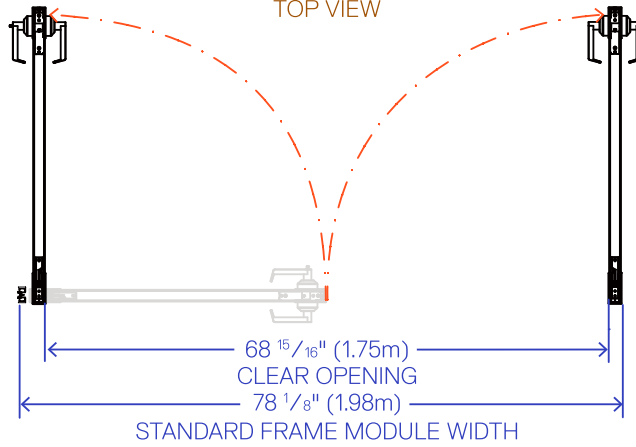




SINGLE DOOR WITH TRANSOM – All Stiles (2", 4", 6")

CLEARANCE

TOP VIEW



ELEVATION

FRONT VIEW

NOTE: 4" GOLDIE STILE DOOR FOR THE EXAMPLE BELOW

