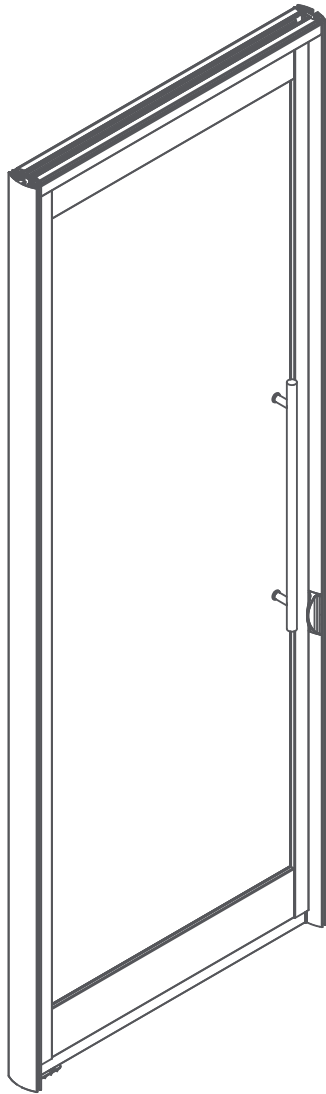


TECH SHEET

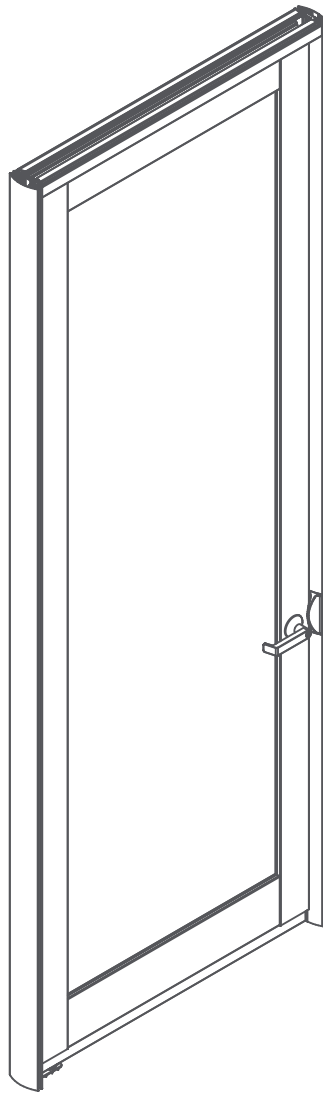
PIVOT DOOR

ALUMINUM 2", 4" AND 6" STILE FRAME

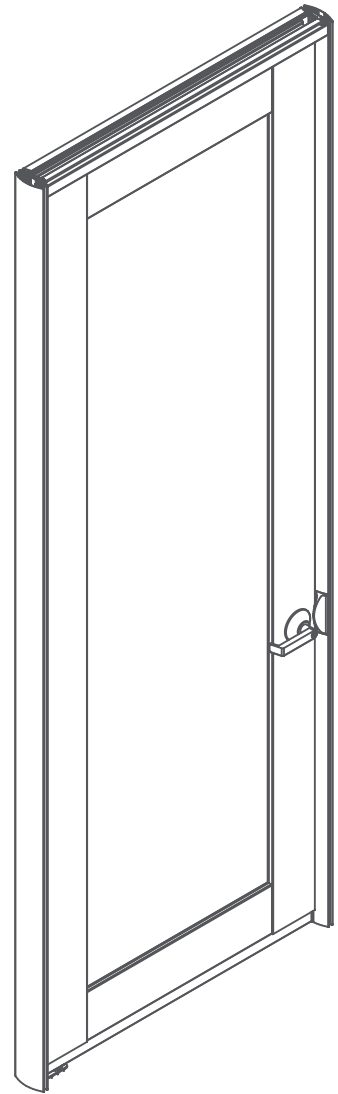
build better™
DIRTT



ALUMINUM 2" STILE FRAME



ALUMINUM 4" STILE FRAME



ALUMINUM 6" STILE FRAME

COMPONENTS & MATERIALS

ALUMINUM EXTRUSIONS

Door, Door Frame

Architectural Grade and Structural Aluminum Alloys

Aluminum Finish Options

Clear Anodized (5 micron standard)

Powder Coated

Veneer Wrapped (door frame ONLY – No door components)

Custom as required

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

0.400" Poly Pile (Available in Black or Grey)

Full Height Continuous strike plate (anodized or powder coat finish only) with PVC door seal. Not available for Double Doors; strike plates in door header only.

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

FINISHES

Clear Anodized (5 micron standard)

Powder Coated

Architectural Grade Veneer (stained) (door frame ONLY)

Ultra Violet (UV) Cured Water Based Finishes

Color selection per manufacturer's standard range

Custom color matches (client approval required)

DOOR HARDWARE - ALL

Manufacturer's own top and bottom pivot hardware

2" STILE

Locking Pulls

Mag Locks

4" STILE

Schlage "S" Series Cylindrical Hardware

Jupiter, Neptune or Saturn lever styles with 626 finish only with 2 ¾" (60mm) 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

Falcon "B" Series Cylindrical Hardware

Quantum & Dane lever styles with 626 finish only

B511 Lockset, B101 Passage Set, B12 Dummy Trim

Schlage "AL" Series Cylindrical Hardware

Jupiter, Neptune or Saturn lever styles with 626 finish only

AL50PD Lockset, AL10S Passage Set, AL170 Dummy Trim

DIRTT standard mounting height for levers is 38" (965mm) Above Finish Floor (AFF) to centerline of lever

OPTIONAL DOOR HARDWARE

DIRTT Door Pulls

See separate DIRTT Pull specifications

See separate DIRTT Standard Pull Height

DIRTT standard Flush Bolts and Roller Catches

For Double Doors, Flush bolt on inactive door at the top 5 ⅝" (143mm) strike plates

DIRTT Approved Custom Hardware (Supplied "By Others")

Compatible Door closers (Supplied "By Others")

DIMENSIONS & DETAILS

FRAME

Standard Frame Width (Module)	40" (1016mm)
Minimum Module Width	38" (965mm)
Maximum Module Width	44" (1118mm)
Double Frame Width (Module)	78 ⅞" (1984mm)
Minimum Module Width	74 ⅞" (1883mm)
Maximum Module Width	86 ⅞" (2188mm)
Standard Ceiling Height	Up to 120" (3048mm)
Standard Frame Depth	4" (102mm)
Lower Pivot Plate	Locate to adjacent module
Frame Height	Oversized in height; cut down on-site to suit opening

DOOR

Standard Door Thickness	1 1/16" (43mm)
Standard Door Width	38" (965mm)
Minimum Door Width	36" (914mm)
Maximum Door Width	42" (1067mm)
Standard Clear Opening Width	34 ⅞" (867mm) (5 7/8" (149mm) less than specified module width)
Standard Door Swing (From Closed Position)	
Rectilinear Frame Maximum	130° Clear Opening 30 15/16" (834mm)
Curvilinear Frame Max	135° Clear Opening 30 3/4" (831mm)
Double Door Clear Opening Width	1 Door Open 34 3/4" (882mm) 2 Doors Open 69 3/8" (1762mm)
Door Height Adjustment	Adjust in conjunction with DIRTT Moveable System

DOOR (CONTINUED)

2" STILE DOOR

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

4" STILE DOOR

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

6" STILE DOOR

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

FRAME CONNECTIONS

(DIRTT Wall and/or Drywall to Frame)	Frame alignment and gap control
Hidden Links	At frame connection between the door frame and the adjacent frame
Visible PVC Connectors	

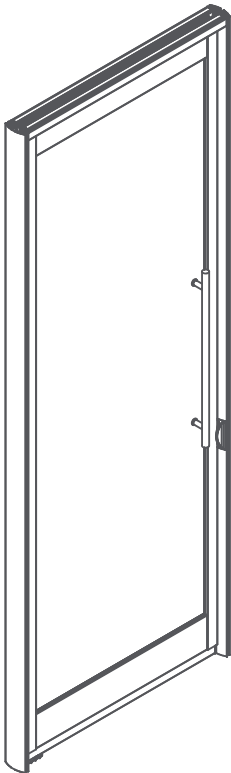
TRIM COMPONENTS

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

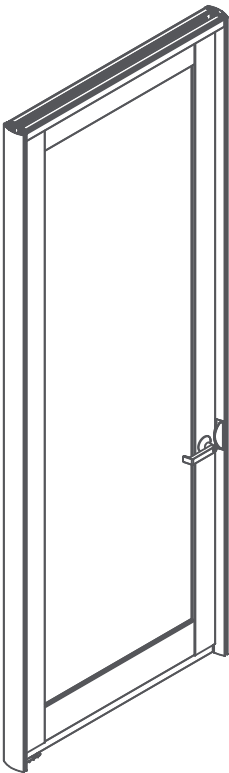
OTHER OPTIONS

- Parametric Door Sizes available
- Glass or Solid Transom over door (door frame option)
- Applied muntins on glass (anodized or powder coat finish only)

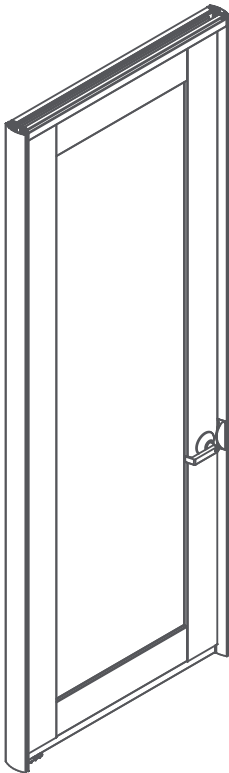
Note: DIRTT has designed the standard door sizes to have a consistent frame module width between styles and also consider the minimum clear opening widths as required by section 1008 of the International Building Code (IBC). It is understood that local codes may supersede these requirements, and that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



ALUMINUM 2" STILE FRAME



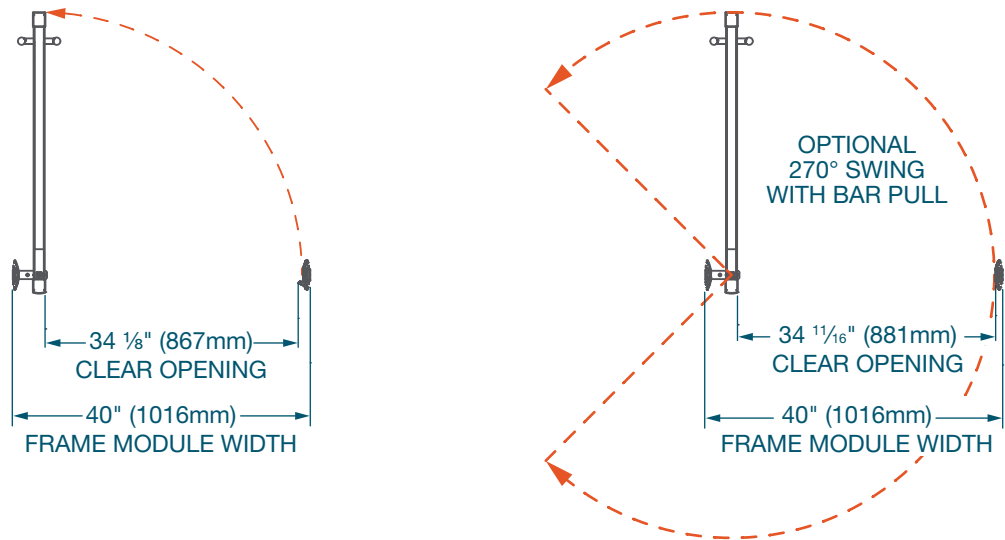
ALUMINUM 4" STILE FRAME



ALUMINUM 6" STILE FRAME

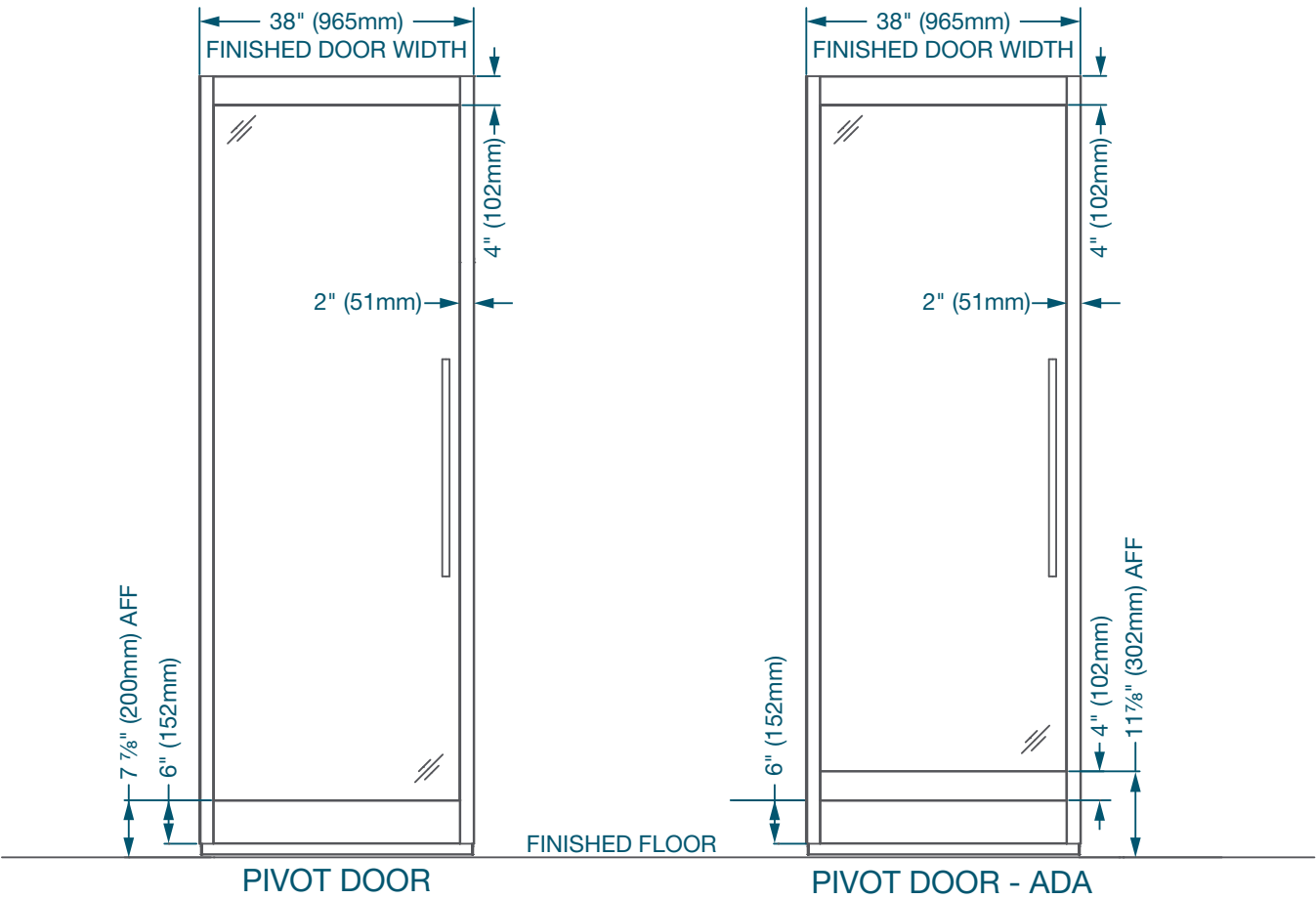
ALUMINUM 2" STILE FRAME - SINGLE DOOR

CLEARANCE - SINGLE DOOR



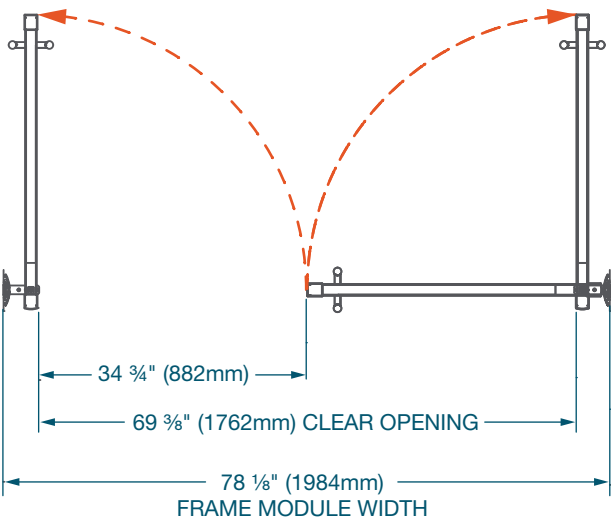
PLAN VIEW / ELEVATION

[Not To Scale (NTS)]

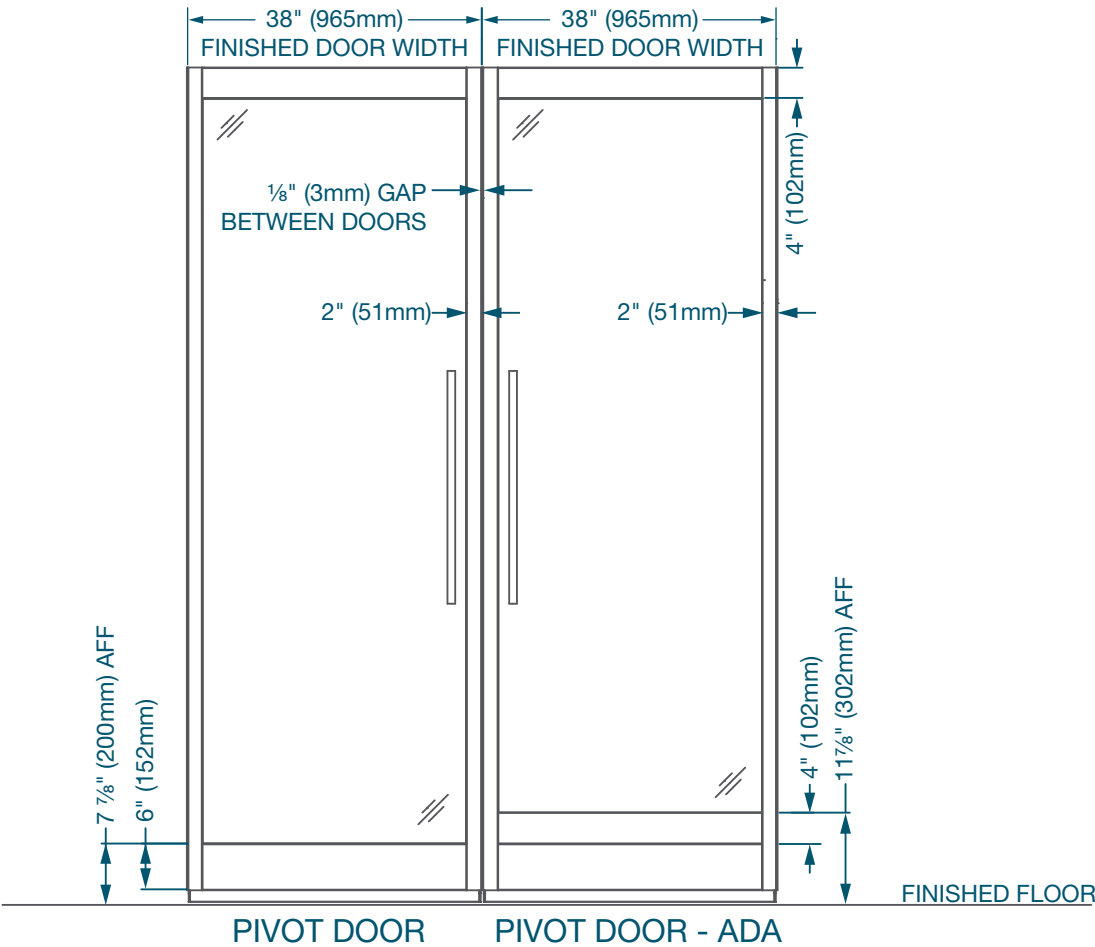


ALUMINUM 2" STILE FRAME - DOUBLE DOOR

CLEARANCE - DOUBLE DOOR

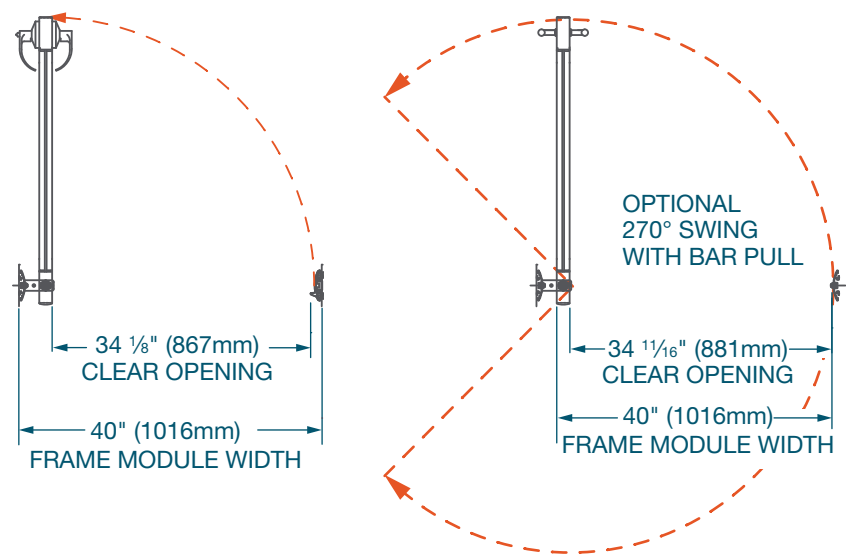


PLAN VIEW / ELEVATION
(NTS)



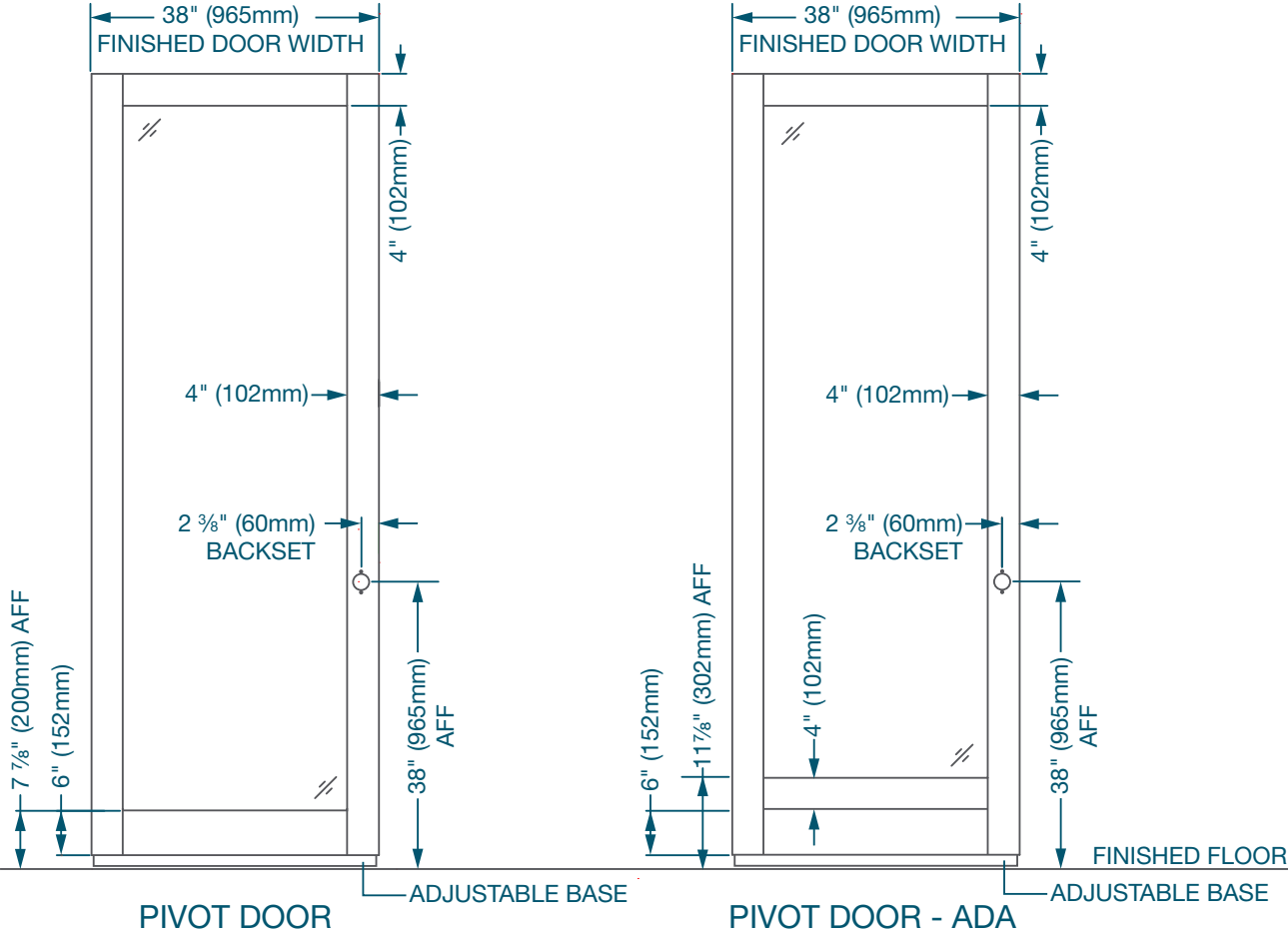
ALUMINUM 4" STILE FRAME - SINGLE DOOR

CLEARANCE - SINGLE DOOR



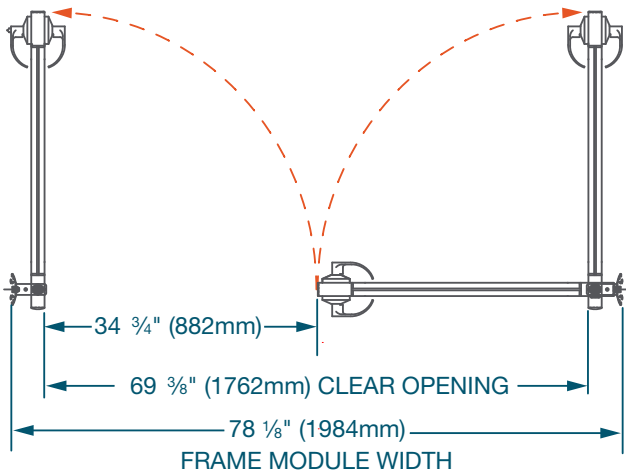
PLAN VIEW/ELEVATION

(NTS)

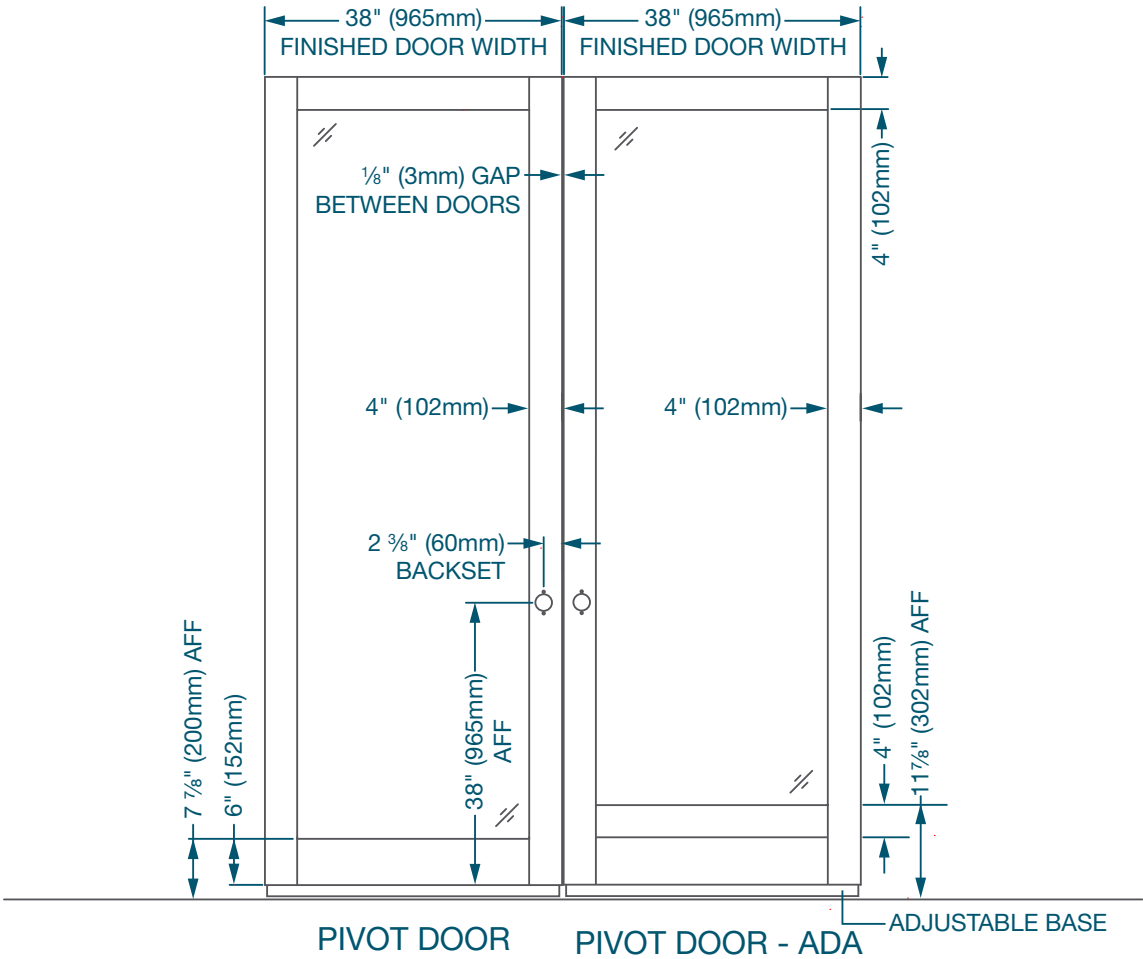


ALUMINUM 4" STILE FRAME - DOUBLE DOOR

CLEARANCE - DOUBLE DOOR

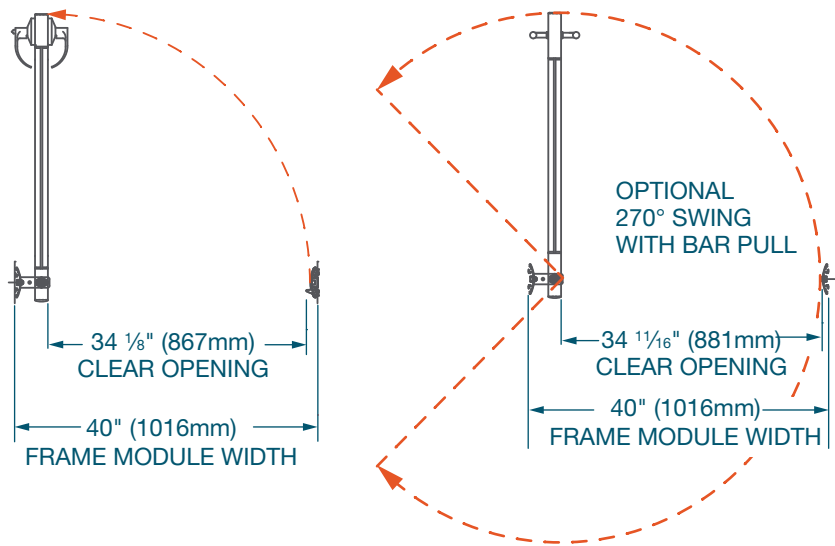


PLAN VIEW/ELEVATION
(NTS)



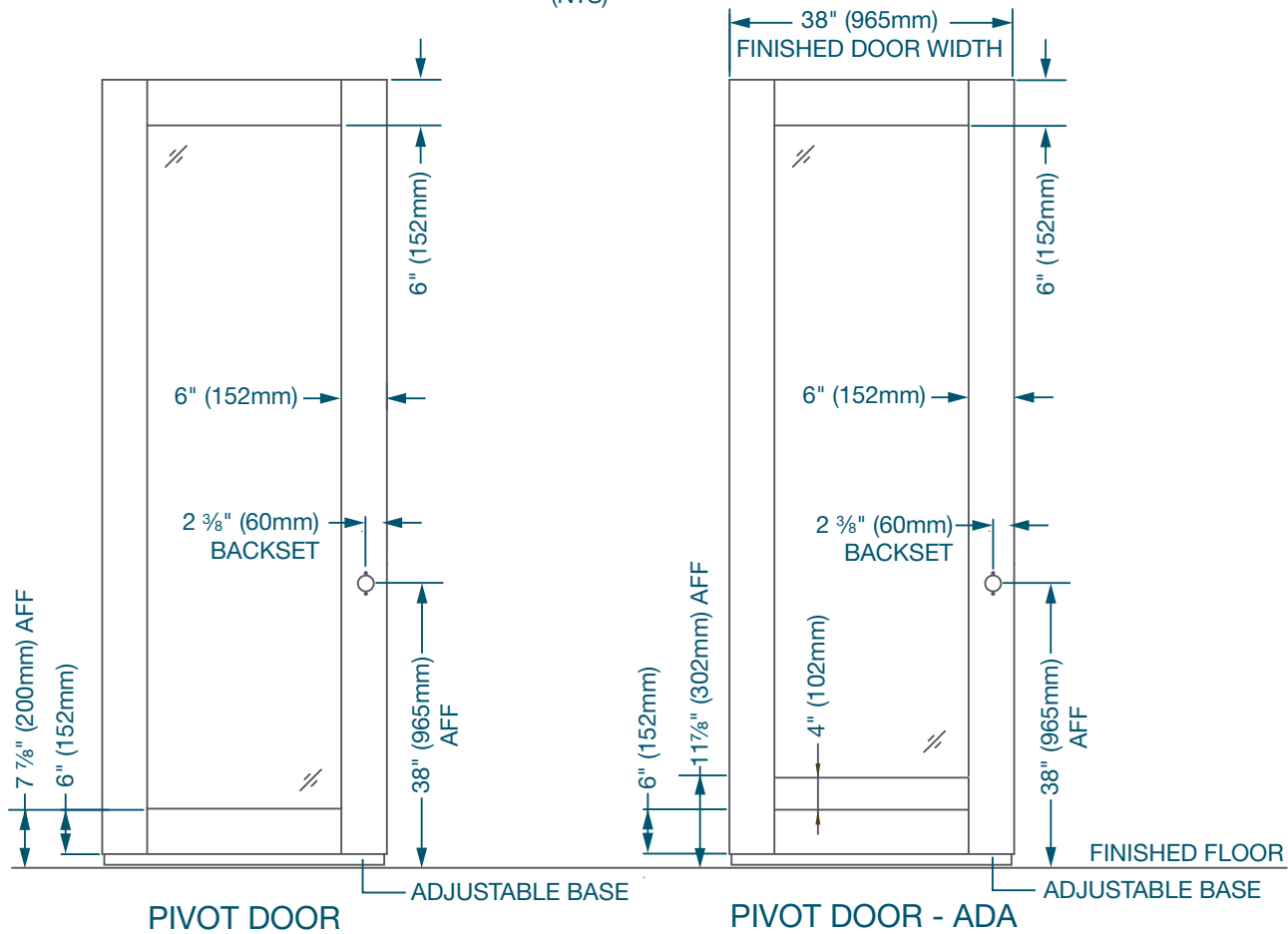
ALUMINUM 6" STILE FRAME - SINGLE DOOR

CLEARANCE - SINGLE DOOR



PLAN VIEW/ELEVATION

(NTS)



CLEARANCE - DOUBLE DOOR

