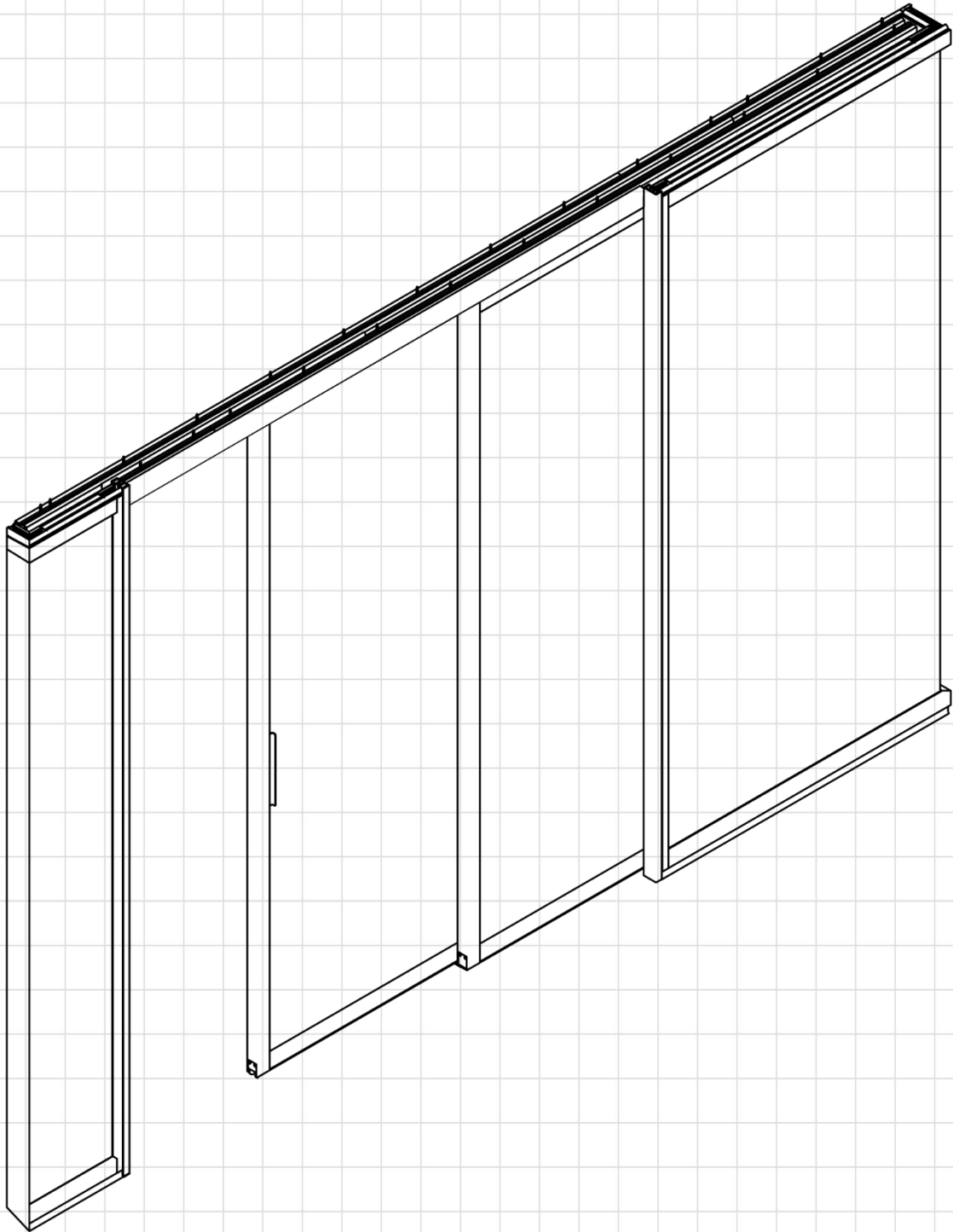


Telescoping Wall

Tech Sheet





COMPONENTS + MATERIALS

ALUMINUM FRAME EXTRUSIONS

Architectural Grade and Structural Aluminum Alloys

Vertical and horizontal extrusions, base track

Aluminum Finish Options

Clear anodized

Black anodized (track only)

Powder coated

Any color choice

Custom as required (see [DIRTT.com](https://www.dirtt.com)) for standard color options

Veneer wrapped

Frame rails and stiles only

Adjustable skirt must be anodized or powder coated

Custom finishes as required

PVC COMPONENTS

Glass wipe retainer Rigid/flex co-extrusion

PVC color options Black and silver

GLASS

Clear tempered glass $\frac{1}{4}$ " (6mm)

Tempered laminated glass Contact info@dirtt.com for specifications for tempered laminated glass.

Approved custom finishes

SEAL COMPONENTS

PVC color options Black and silver

Double sliding doors Z-seal

OPTIONAL TELESCOPING FRAME HARDWARE

Bottom adjustable skirt

Anodized or powder coated finish only

Roller assembly

Bearing assembly Steel

Low-friction rollers Nylon

STATIONARY WALL

Inspire

4", 6" Glass Wall

4", 6" Solid Wall

Stick-built walls

Base-building

CUSTOMER'S OWN MATERIAL

Approved custom hardware (supplied "by others")

DIMENSIONS + DETAILS

INDIVIDUAL TELESCOPING WALL MODULES

Standard thickness	1 $\frac{3}{4}$ " (44mm)
Min. module width	30" (762mm)
Max. module width	50" (1.27m)
Standard vertical	2" (51mm)
Standard top rail	2" (51mm)
Standard bottom rail	2" (51mm)
Max. weight	176lb (80kg)
Roller track components per module	2
Soft close mechanism	Attached to frame module

Telescoping Module Height Adjustment

Skirt adjustment	$\frac{3}{8}$ " (9mm) up and down
	$\frac{3}{16}$ " (5mm) per rung

CLEAR OPENING

Width

Single Telescoping Wall

2 + 1 Configuration (2 telescoping and 1 stationed)	
Minimum (min.)	7'-11" (2.16m)
Maximum (max.)	11'-7" (3.53m)
3 + 1 Configuration (3 telescoping and 1 stationed)	
Minimum (min.)	9'-5" (2.87m)
Maximum (max.)	15'-5" (4.70m)

Double Telescoping Wall

2 + 1 Configuration (2 telescoping and 1 stationed)	
Minimum (min.)	14'-6" (4.42m)
Maximum (max.)	23'-6" (7.16m)
3 + 1 Configuration (3 telescoping and 1 stationed)	
Minimum (min.)	19'-2" (5.84m)
Maximum (max.)	31'-2" (9.50m)

Height

Max. ceiling height	10'-0" (3.05m)
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Stacking Depth

2 + 1 Configuration	4 $\frac{1}{2}$ " (108mm)
3 + 1 Configuration	6 $\frac{3}{16}$ " (158mm)

Ceiling Structural Support Depth to Support Track System

Track width 2 + 1	6 $\frac{1}{4}$ " (159mm)
Track width 3 + 1	8 $\frac{1}{4}$ " (210mm)



STRUCTURAL SUPPORTS

Always consider the base building site conditions when determining structural design.

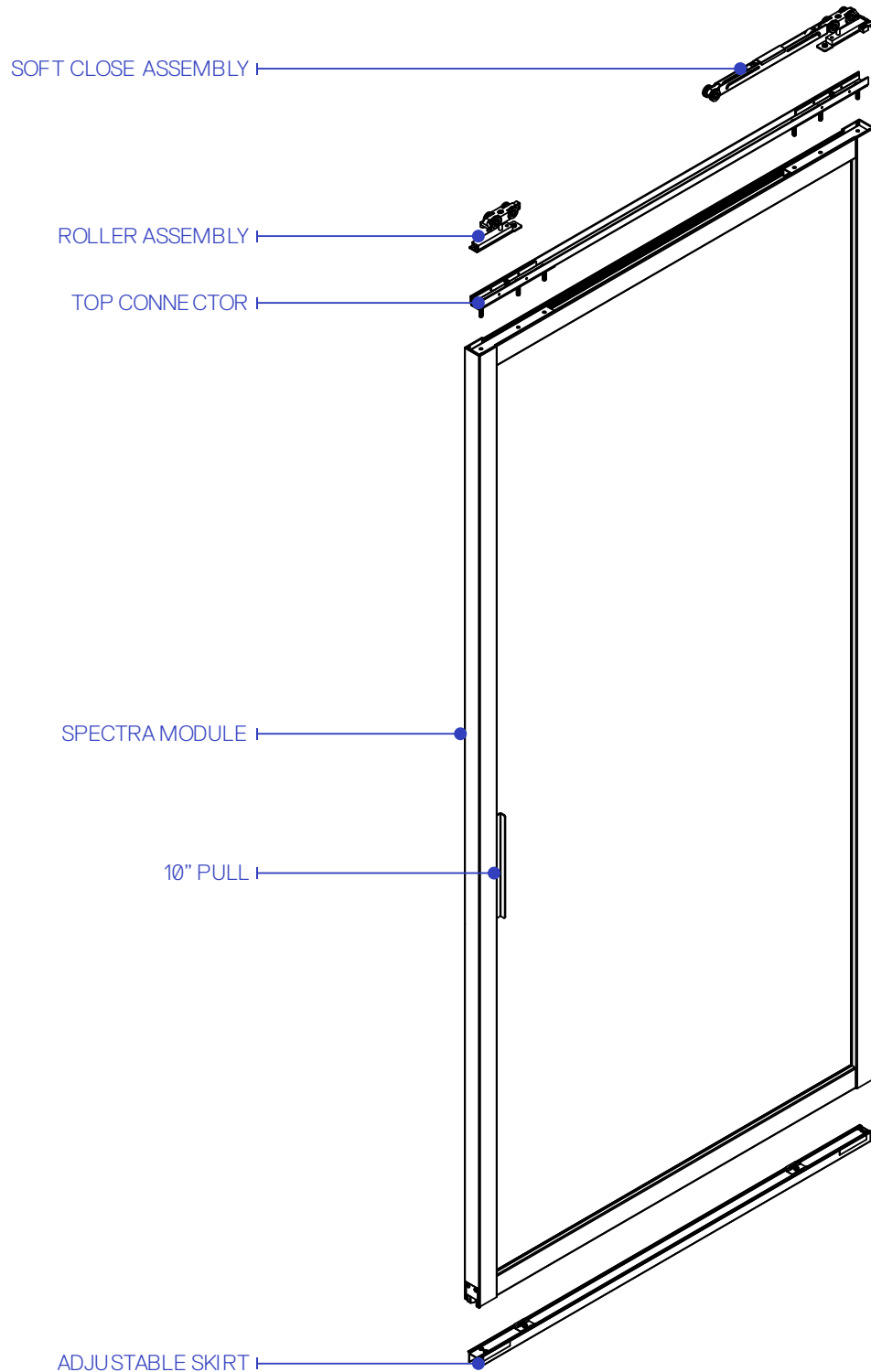
Engaging a building or structural engineer is an important first step.

The engineer will need to assess the weight and loads imposed by the modules.



TELESCOPING COMPONENTS - 2 + 1 CONFIGURATION

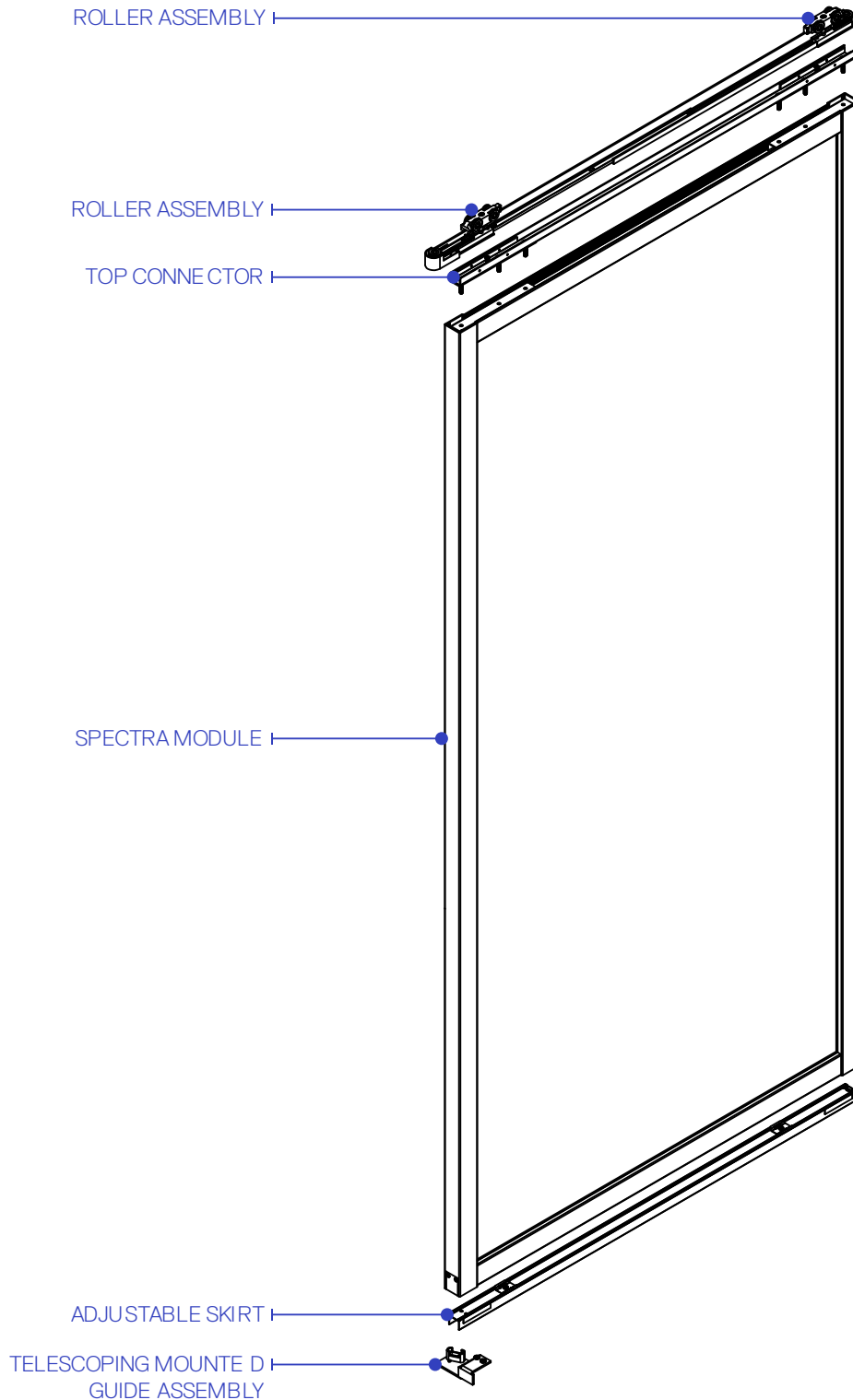
EXPLODED VIEW - TELESCOPING MODULE 1





TELESCOPING COMPONENTS - 2 + 1 CONFIGURATION

EXPLODED VIEW - TELESCOPING MODULE 2





TELESCOPING COMPONENTS - 2 + 1 CONFIGURATION INSTALLED

TELESCOPING ASSEMBLED WITH TRACK

