

# Latitude 34°

Barn Door Collection

**CRL**<sup>®</sup>





# Contents

## Hemisphere

p. 6-11

## Meridian

p. 12-17

## Solstice

p. 18-23

# Inspiring design and precision engineering intersect at Latitude 34°

The **Latitude 34°** Barn Door Collection reinvents barn door hardware by introducing remarkable advancements in design. Minimalist profiles, premium hardware, and multifaceted field adjustability come together to unveil the apex of precision engineering.

CRL never stops pushing the boundaries of aesthetics and performance; the Latitude 34° collection is no exception. Comprising three distinct sliding door systems—**Hemisphere, Meridian, and Solstice**—the series has been meticulously crafted and tested to the highest industry standards to ensure exceptional quality in every detail.



## Hemisphere Sliding Door

Sleek and compact, the Hemisphere Sliding Door offers subtle sophistication with concealed fasteners and trolley. A 200 lb maximum weight capacity makes it the perfect choice for common glass door sizes in a wide variety of applications.

- 200 lb maximum weight capacity
- Tested to 1,000,000 cycles
- High-grade 6005A-T61 and 6061-T6 aluminum construction
- Concealed fasteners and ball bearings
- Adjustable sliding resistance, track height, and door stops

- For 3/8" (10 mm) to 1/2" (12 mm) glass
- Wall mount or glass mount
- Track can be cut to size or extended with track connectors
- Single or bi-parting doors



Item No.  
Description  
Finish

LAT34HEMBS  
Hemisphere Sliding Door Kit  
Brushed Stainless



Item No.  
Description  
Finish

LAT34HEMBLS  
Hemisphere Sliding Door Kit  
Black Stainless

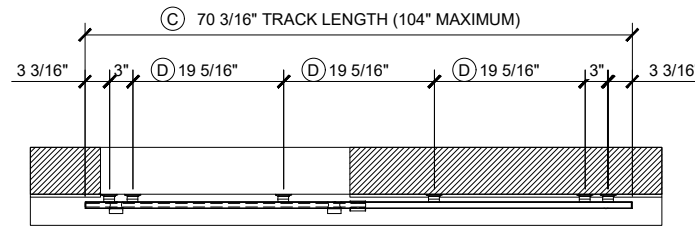
## Unmatched Field Adjustability



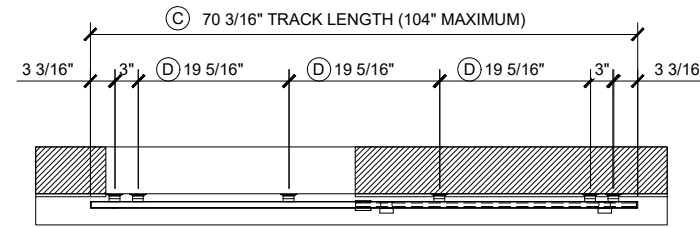
- 1 Adjustable Door Stops:  
Define door travel
- 2 Adjustable Sliding Resistance:  
Increase resistance for lightweight doors
- 3 Track Leveling:  
1/4 inch four way adjustment
- 4 Adjustable Mounting Points:  
Drill track on-site to meet specific conditions
- 5 Adjustable Track Height:  
Raise or lower after installation

# System Drawings

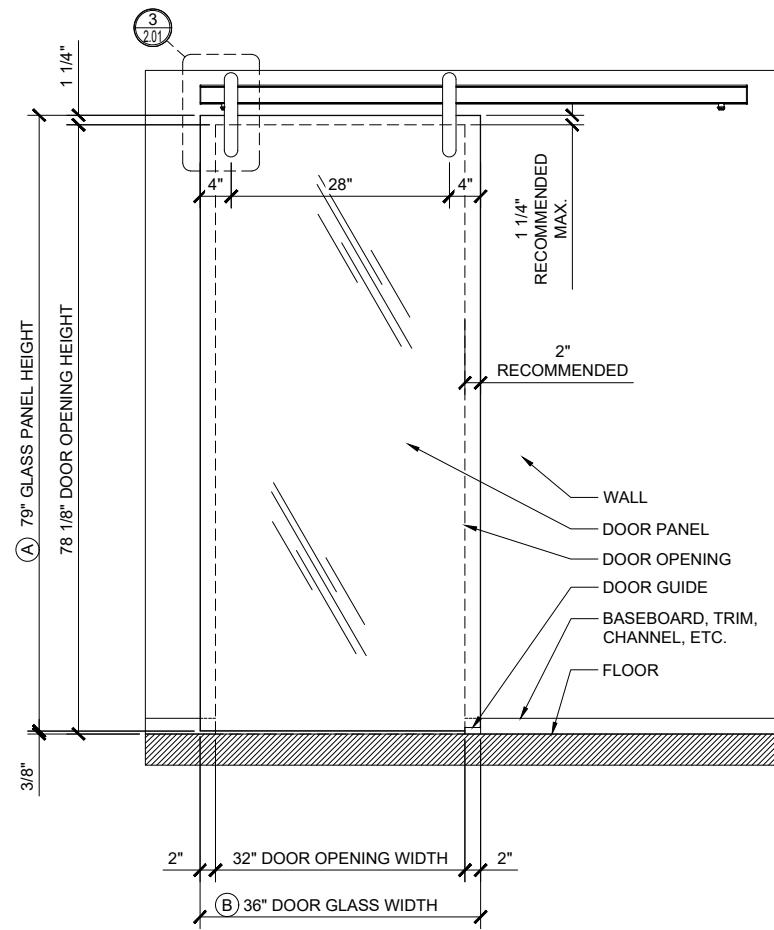
Hemisphere Wall Mount



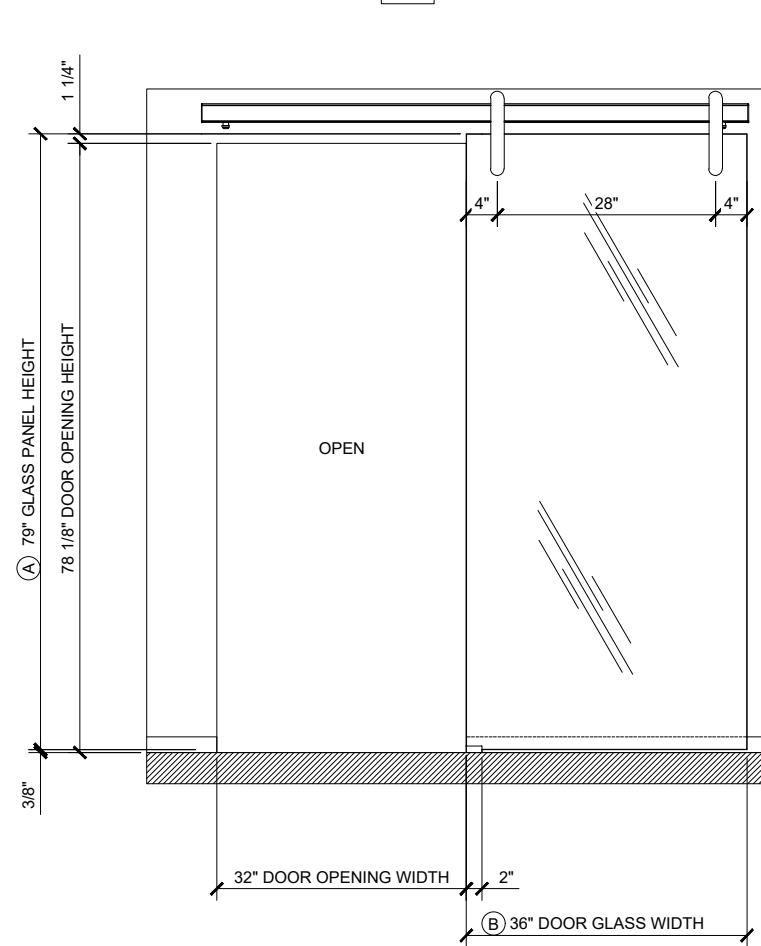
1A PLAN



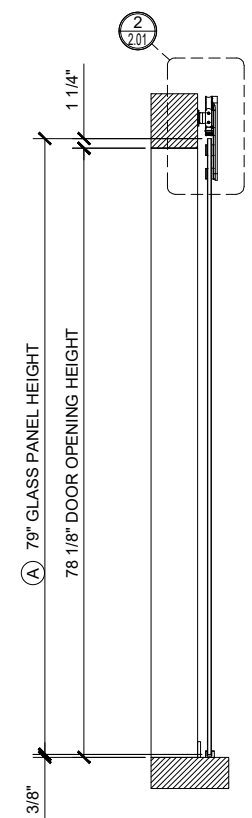
2A PLAN



1B ELEVATION



2B ELEVATION



3 SECTION  
ARCH REF: NONE 1"=1'-0"

- (A) D.O.H. + 7/8"
- (B) D.O.W. + 4"
- (C) (D.O.W. x 2) + 6-3/16"
- (D) ((C) - 12-3/8") / 3

D.O.H. = DOOR OPENING HEIGHT  
D.O.W. = DOOR OPENING WIDTH

1 HEMISPHERE SERIES DOOR (CLOSED)  
ARCH REF: NONE 1"=1'-0"

2 HEMISPHERE SERIES DOOR (OPEN)  
ARCH REF: NONE 1"=1'-0"



## Meridian Sliding Door

With an iconic form that captivates, the Meridian Sliding Door is the model for contemporary barn door design. Featuring a 400 lb maximum weight capacity, Meridian is well-suited for heavier doors in residential and commercial settings.

- 400 lb maximum weight capacity
- Tested to 1,000,000 cycles
- High-grade 6005A-T61 and 6061-T6 aluminum construction
- Concealed fasteners and ball bearings
- Adjustable door height, track height, and door stops

- For 3/8" (10 mm) to 1/2" (12 mm) glass
- Wall mount or glass mount
- Track can be cut to size or extended with track connectors
- Single or bi-parting doors



Item No.  
Description  
Finish

LAT34MERBS  
Meridian Sliding Door Kit  
Brushed Stainless



Item No.  
Description  
Finish

LAT34MERBLS  
Meridian Sliding Door Kit  
Black Stainless

Unmatched Field Adjustability

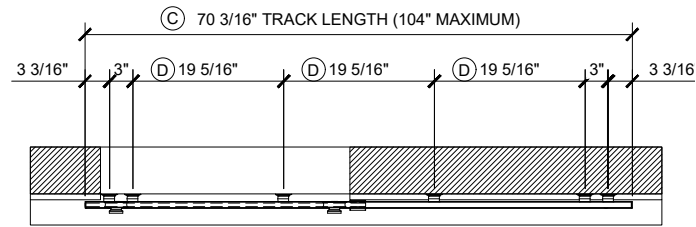


- 1 Adjustable Door Stops:  
Define door travel
- 2 Adjustable Panel Height:  
Raise or lower after installation
- 3 Track Leveling:  
1/4 inch four way adjustment
- 4 Adjustable Mounting Points:  
Drill track on-site to meet specific conditions
- 5 Adjustable Track Height:  
Raise or lower after installation

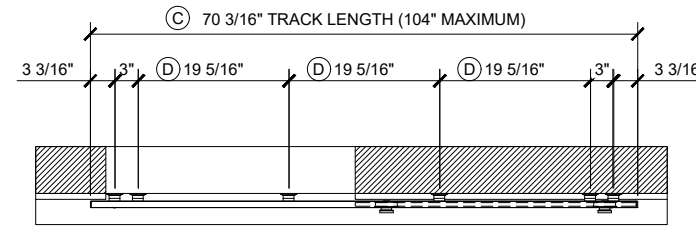


System Drawings

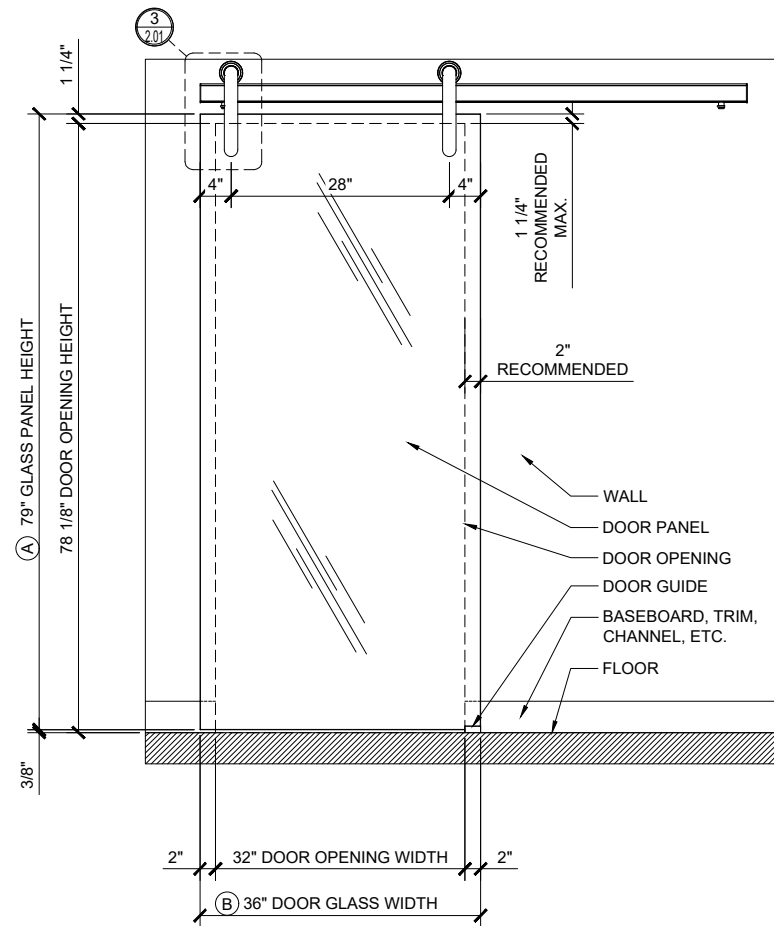
Meridian Wall Mount



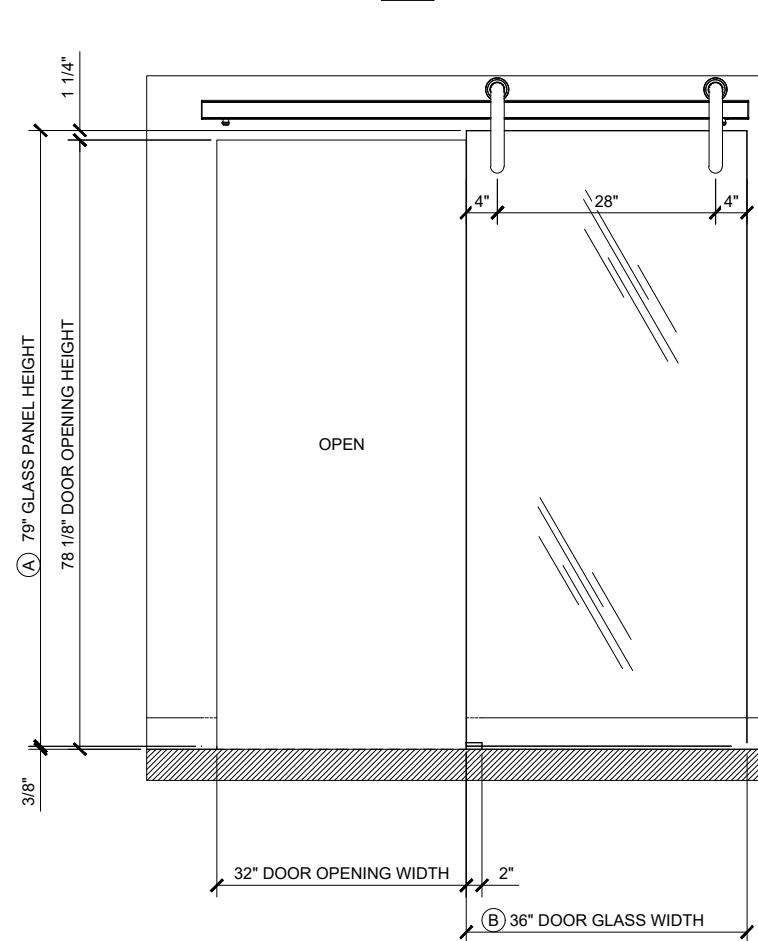
1A PLAN



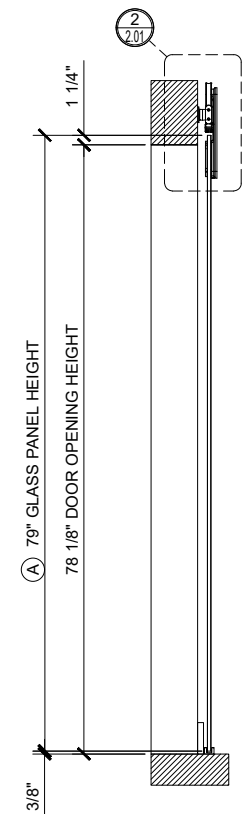
2A PLAN



1B ELEVATION



2B ELEVATION



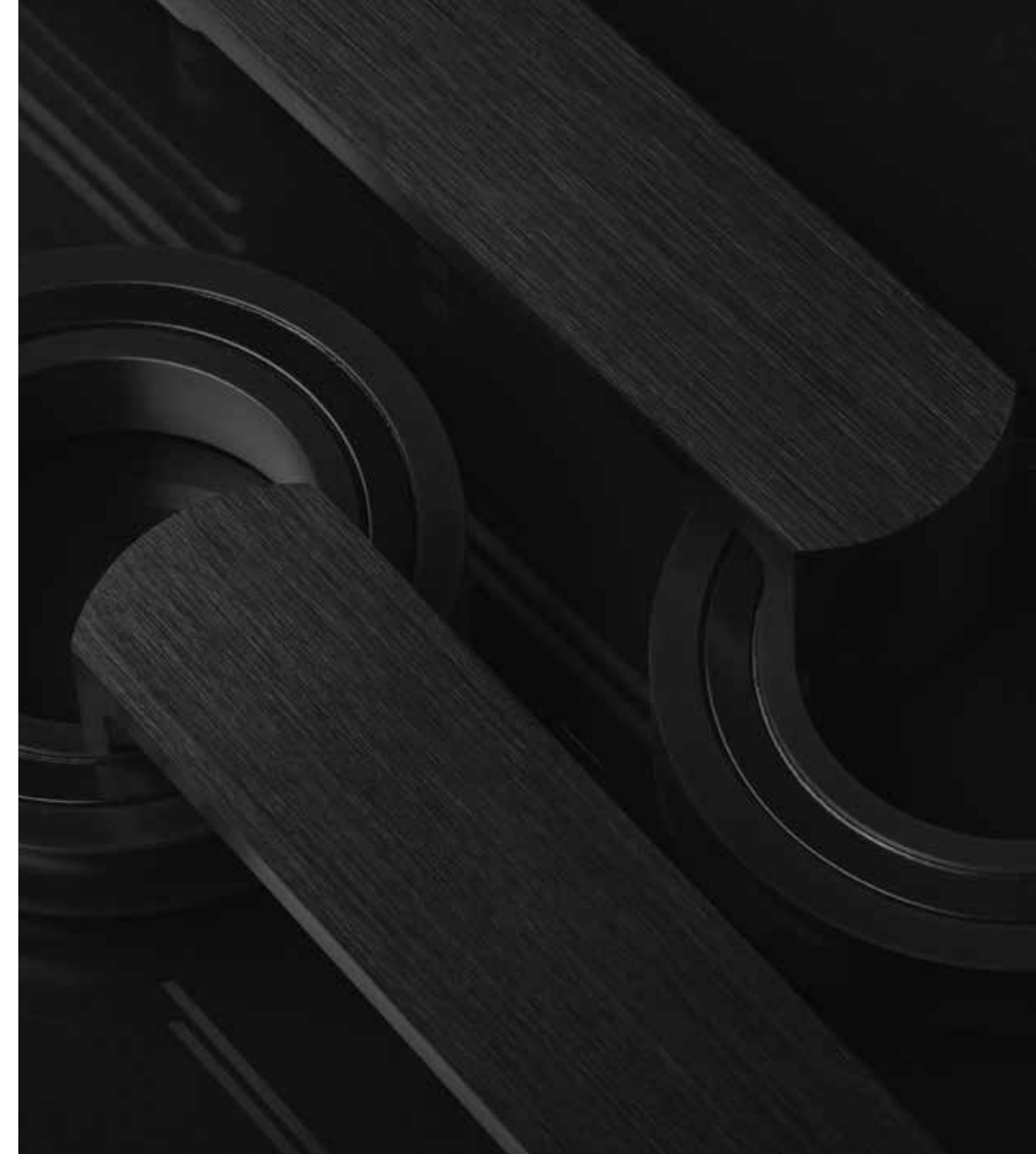
3 SECTION

- (A) D.O.H. + 7/8"
- (B) D.O.W. + 4"
- (C) (D.O.W. x 2) + 6-3/16"
- (D) (C) - 12-3/8" / 3

D.O.H. = DOOR OPENING HEIGHT  
D.O.W. = DOOR OPENING WIDTH

1 MERIDIAN SERIES DOOR (CLOSED)  
ARCH REF: NONE 1"=1'-0"

2 MERIDIAN SERIES DOOR (OPEN)  
ARCH REF: NONE 1"=1'-0"



## Solstice Sliding Door

The Solstice Sliding Door is nothing less than bold and refined. A patented hubless wheel design creates a striking aesthetic that commands attention. Its robust assembly delivers an impressive 550 lb maximum weight capacity to accommodate heavy doors over large openings.

- 550 lb maximum weight capacity
- Tested to 1,000,000 cycles
- High-grade 6005A-T61 and 6061-T6 aluminum construction
- Concealed fasteners and ball bearings
- Adjustable door height, track height, and door stops

- For 3/8" (10 mm) to 1/2" (12 mm) glass
- Wall mount or glass mount
- Track can be cut to size or extended with track connectors
- Single or bi-parting doors



Item No.  
Description  
Finish

LAT34SOLBS  
Solstice Sliding Door Kit  
Brushed Stainless



Item No.  
Description  
Finish

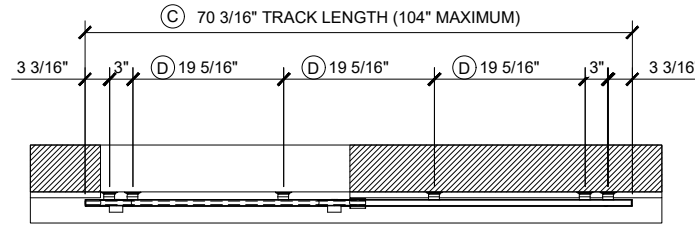
LAT34SOLBLS  
Solstice Sliding Door Kit  
Black Stainless



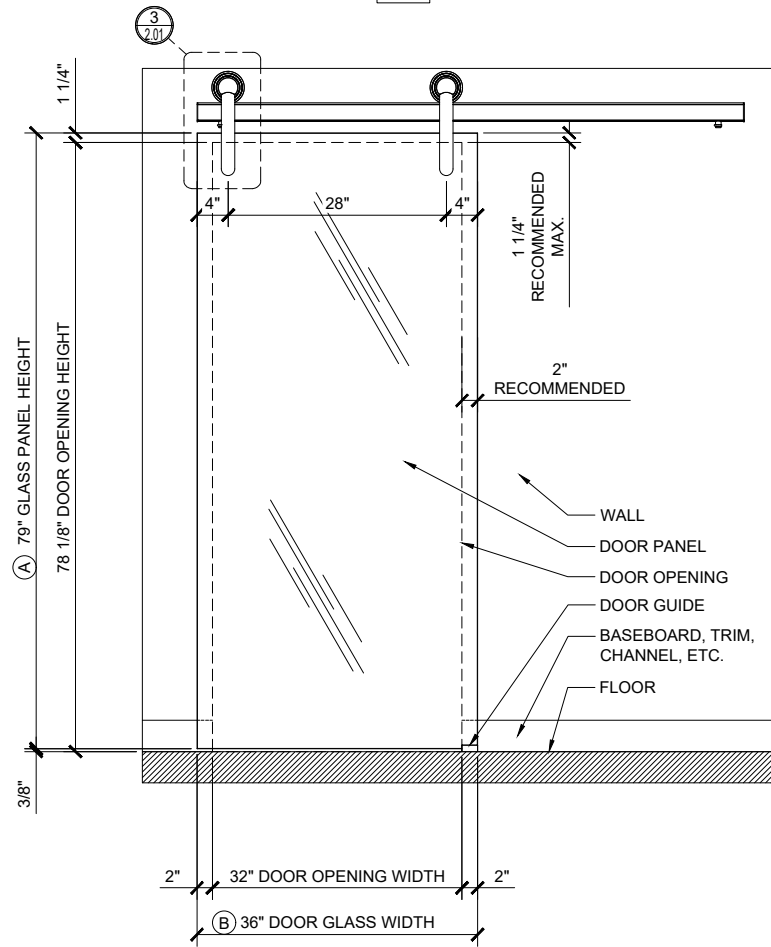
- 1 Adjustable Door Stops:  
Define door travel
- 2 Adjustable Door Height:  
Raise or lower after installation
- 3 Track Leveling:  
1/4 inch four way adjustment
- 4 Adjustable Mounting Points:  
Drill track on-site to meet specific conditions
- 5 Adjustable Track Height:  
Raise or lower after installation

System Drawings

Solstice Wall Mount



1A PLAN

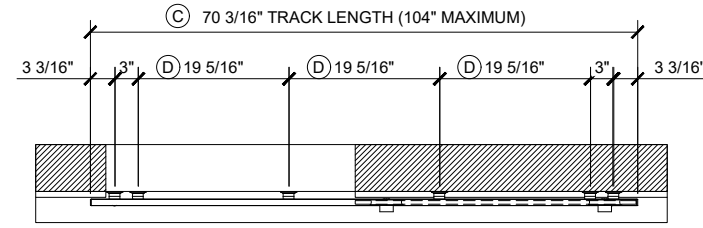


1B ELEVATION

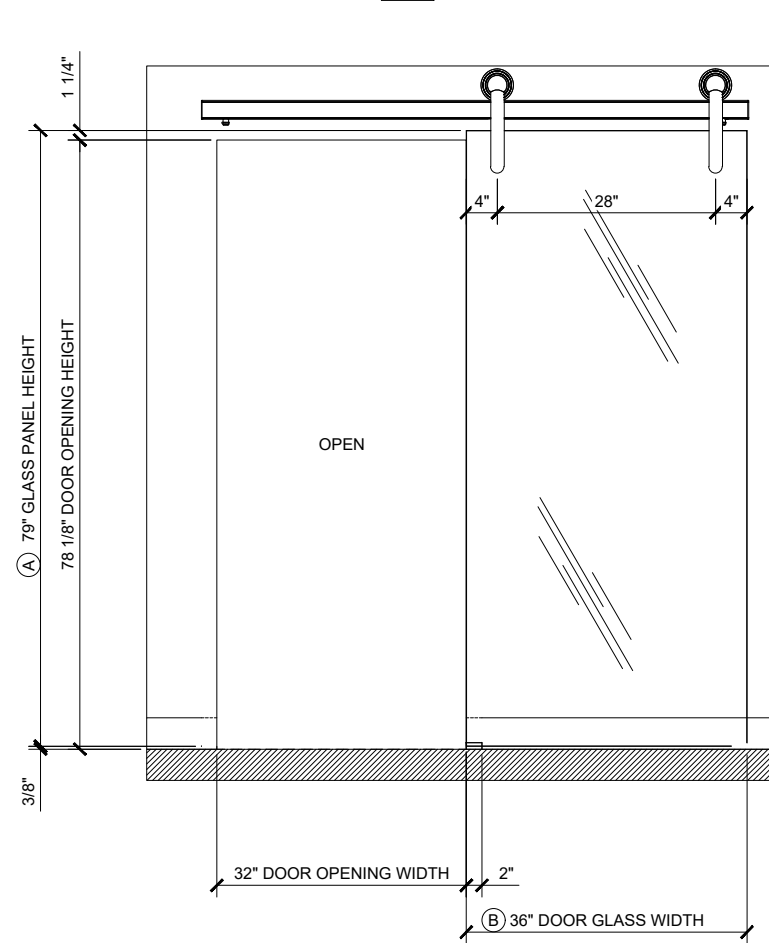
① SOLSTICE SERIES DOOR (CLOSED)  
ARCH REF: NONE 1"=1'-0"

- Ⓐ D.O.H. + 7/8"
- Ⓑ D.O.W. + 4"
- Ⓒ (D.O.W. x 2) + 6-3/16"
- Ⓓ (Ⓒ - 12-3/8") / 3

D.O.H. = DOOR OPENING HEIGHT  
D.O.W. = DOOR OPENING WIDTH

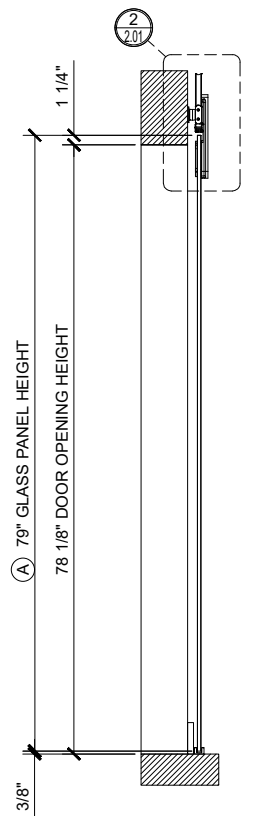


2A PLAN



2B ELEVATION

② SOLSTICE SERIES DOOR (OPEN)  
ARCH REF: NONE 1"=1'-0"



③ SECTION  
ARCH REF: NONE 1"=1'-0"

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