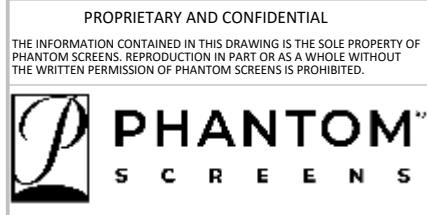
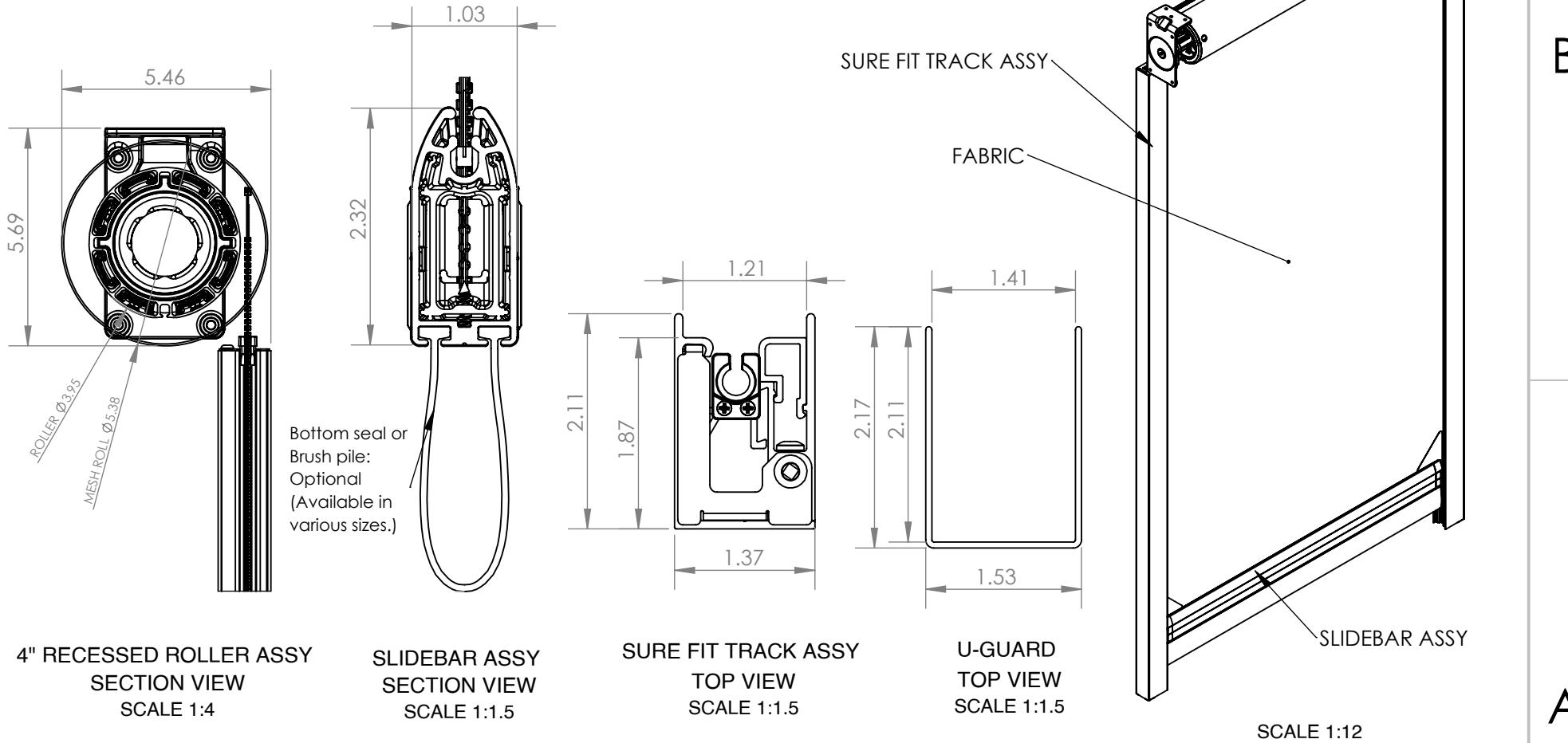


Motorized Retractable Screen

4" Recessed Roller with Sure Fit Track



UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES.
TOLERANCES:
FRACTIONAL $\pm 1/32$
ANGULAR ± 2
TWO PLACE DECIMAL $\pm .013$ "
THREE PLACE DECIMAL $\pm .005$ "

STANDARD TOLERANCES APPLY
UNLESS OTHERWISE SPECIFIED

INTERPRET GEOMETRIC
TOLERANCING PER: ASME Y14.5
THIRD ANGLE PROJECTION

MATERIAL
ASSY

DRAWN

PP

SA

2025-12-15

TITLE: Mz2.0, 4" Recessed Roller, Sure Fit Track

SIZE

A

DWG. NO.

EPN449

REV

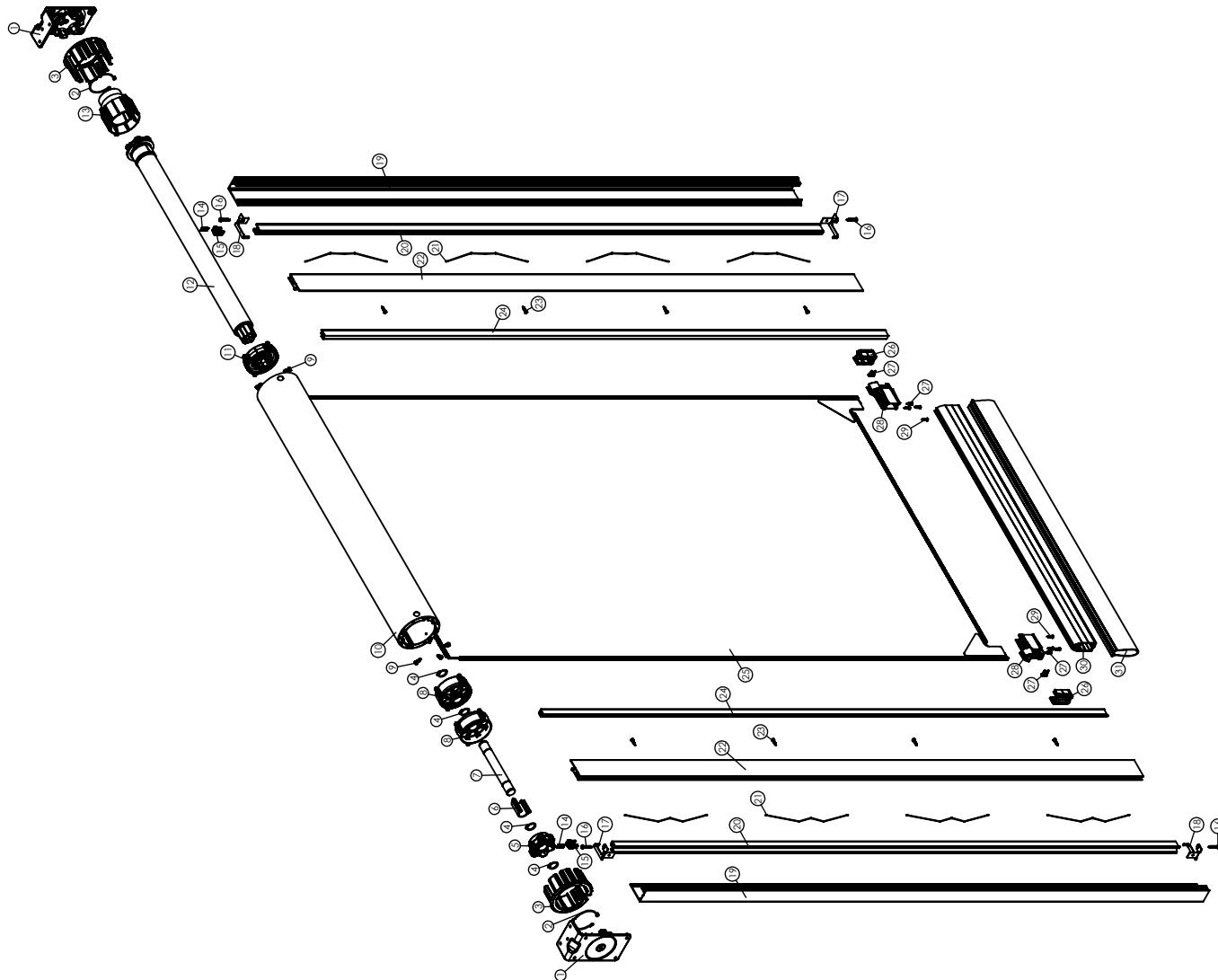
3

SCALE: 1:12

WEIGHT:

SHEET 1 OF 14

Motorized Retractable Screen
4" Recessed Roller with Sure Fit Track
Exploded View



PROPRIETARY AND CONFIDENTIAL

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 TOLERANCES:
 FRACTIONAL $\pm 1/32$
 ANGULAR ± 2
 TWO PLACE DECIMAL $\pm .013$ "
 THREE PLACE DECIMAL $\pm .005$ "

STANDARD TOLERANCES APPLY
 UNLESS OTHERWISE SPECIFIED

INTERPRET GEOMETRIC
 TOLERANCING PER: ASME Y14.5
 THIRD ANGLE PROJECTION

MATERIAL
 ASSY

DRAWN

SA

2025-12-15

TITLE: Mz2.0, 4" Recessed Roller, Sure Fit Track

SIZE

A

DWG. NO.

EPN449

REV

3

SCALE: 1:12

WEIGHT:

SHEET 2 OF 14

Motorized Retractable Screen

4" Recessed Roller with Sure Fit Track

BOM Table

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SCREENS

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TOLERANCES:
FRACTIONAL $\pm 1/32$
ANGULAR ± 2
TWO PLACE DECIMAL $\pm .013$ "
THREE PLACE DECIMAL $\pm .005$ "

STANDARD TOLERANCES APPLY
UNLESS OTHERWISE SPECIFIED

INTERPRET GEOMETRIC
TOLERANCING PER: ASME Y14.5
THIRD ANGLE PROJECTION

MATERIAL
ASSY

DRAWN
ENG APPR.

PP
PP

2025-12-15
2025-12-15

TITLE: Mz2.0, 4" Recessed Roller, Sure Fit Track

SIZE
A

DWG. NO.
EPN449

REV
3

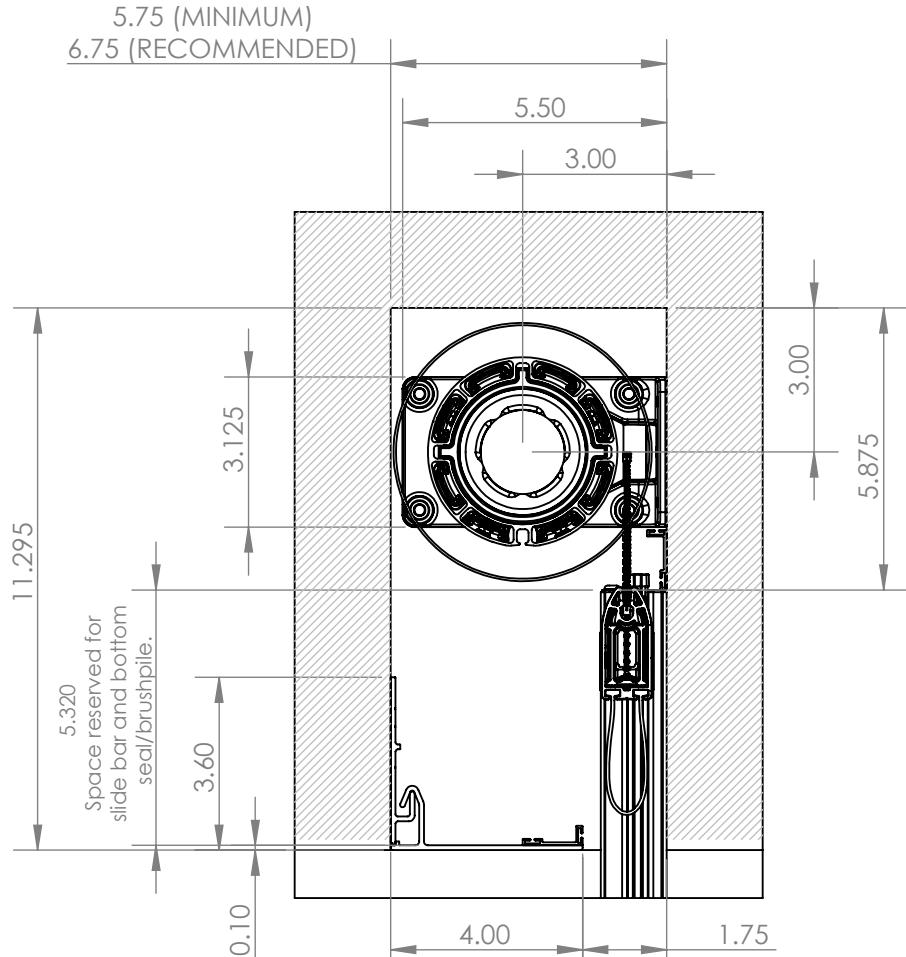
SCALE: 1:12
WEIGHT:
SHEET 3 OF 14

NO.	DESCRIPTION	QTY
1	48200 Mz 2.0 Recessed Bracket, 4in	2
2	46009 Mz Retaining Clip	2
3	46610 Mz Leveling Ring 4"	2
4	EPN214 External Retaining Ring	4
5	EPN3 Mz2.0 Pivot Head .75	1
6	EPN211 Mz Pivot Spacer	1
7	EPN7 Mz2.0 Pivot Shaft	1
8	EPN2 Mz2.0 Pivot Bearing	2
9	71021 #8-0.5" Hex Head Drilling Screw	8
10	46005 Mz2.0 Roller Bar 4"	1
11	EPN4 Mz2.0 Motor Drive Ring	1
12	67235 Somfy Motor, 525A2 Maestria RTS	1
13	EPN5 Mz2.0 Motor Encoder Ring	1
14	EPN314 #1-5/8" Rounded Head Screw	4
15	68155 Sure Fit Entry Guide	2
16	71039 # 10-1" Rounded Head Screw (Unfinished)	4
17	46834 Sure Fit Lift Stop Left	2
18	46898 Sure Fit Lift Stop Right	2
19	46909 Sure Fit U-Channel	2
20	46844 Sure Fit Inner Track	2
21	46045 Sure Fit Spring	-
22	47014 Sure Fit U-Channel Side	2
23	EPN312 #6-5/8" Rounded Head Screw	-
24	47024 Sure Fit Cover	2
25	EPN437 Sure Fit Mesh	1
26	EPN161 Sidebar Endcap Cover	2
27	71027 #6-1/2" Rounded Head Screw	8
28	EPN160 Sidebar Endcap Main	2
29	71135 #6-5/8" Flat Head Screw	4
30	EPN199 Sidebar-w-Stopper	1
31	Brush pile or bottom gasket (available in various sizes)	1

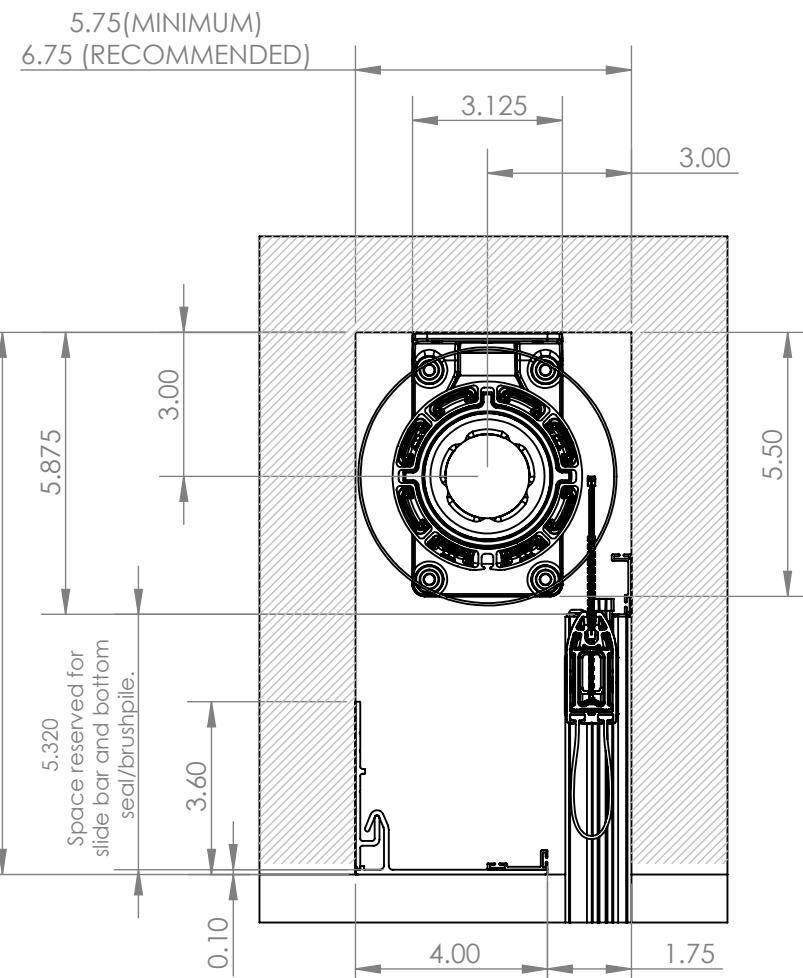
Motorized Retractable Screen

4" Recessed Roller with Cavity Cover

B



HORIZONTALLY MOUNTED
BRACKETS



VERTICALLY MOUNTED
BRACKETS

PROPRIETARY AND CONFIDENTIAL

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DIMENSIONS ARE IN INCHES.
TOLERANCES:
FRACTIONAL $\pm 1/32$
ANGULAR ± 2
TWO PLACE DECIMAL $\pm .013$ "
THREE PLACE DECIMAL $\pm .005$ "

STANDARD TOLERANCES APPLY
UNLESS OTHERWISE SPECIFIED

INTERPRET GEOMETRIC
TOLERANCING PER: ASME Y14.5
THIRD ANGLE PROJECTION

MATERIAL
ASSY

DRAWN

SA

2025-12-15

TITLE: Mz2.0, 4" Recessed Roller, Sure Fit Track

SIZE

A

DWG. NO.

EPN449

REV

3

SCALE: 1:12

WEIGHT:

SHEET 4 OF 14

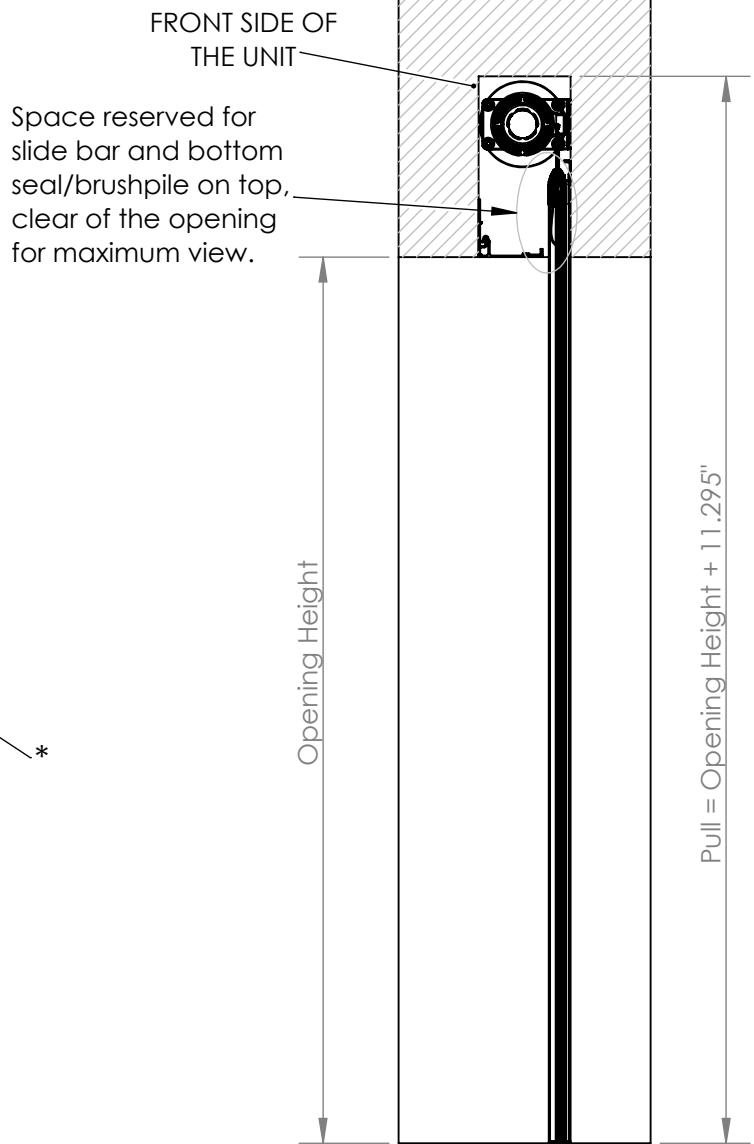
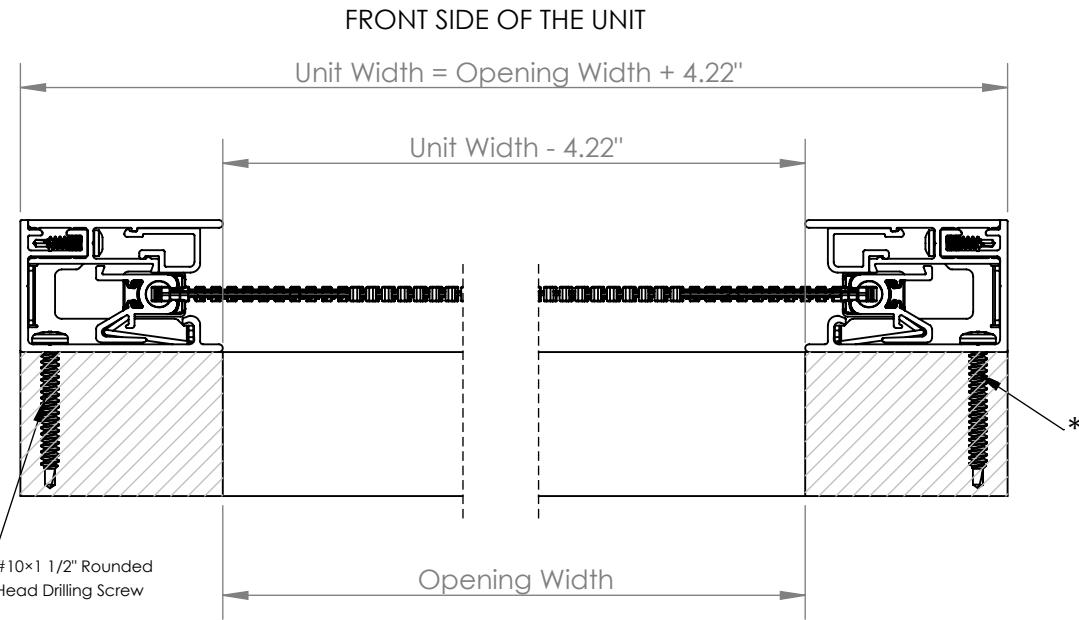
Motorized Retractable Screen

4" Recessed Roller with Sure Fit Track

Track Surface-Positioned

Tracks Side Mounted (*)

B

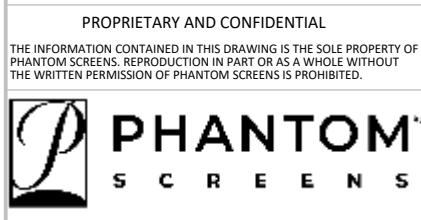


B

A

Note:

- Screen unit height can be reduced by cutting the tracks on site.
- Screen unit width is fixed and must be accurate when ordering.



UNLESS OTHERWISE SPECIFIED:			STANDARD TOLERANCES APPLY UNLESS OTHERWISE SPECIFIED			TITLE: Mz2.0, 4" Recessed Roller, Sure Fit Track					
DIMENSIONS ARE IN INCHES. TOLERANCES: FRACTIONAL $\pm 1/32$ ANGULAR ± 2 TWO PLACE DECIMAL $\pm .013$ THREE PLACE DECIMAL $\pm .005$			INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5 THIRD ANGLE PROJECTION			DRAWN	SA	2025-12-15	SIZE A	DWG. NO. EPN449	REV 3
			CHECKED	PP	2025-12-15						
			ENG APPR.	PP	2025-12-15						
MATERIAL ASSY			MFG APPR.								
			Q.A.			SCALE: 1:12	WEIGHT:				
SHEET 5 OF 14											

Motorized Retractable Screen

4" Recessed Roller with Sure Fit Track

Track In-Jamb Positioned

Tracks Back Mounted (*)

B

B

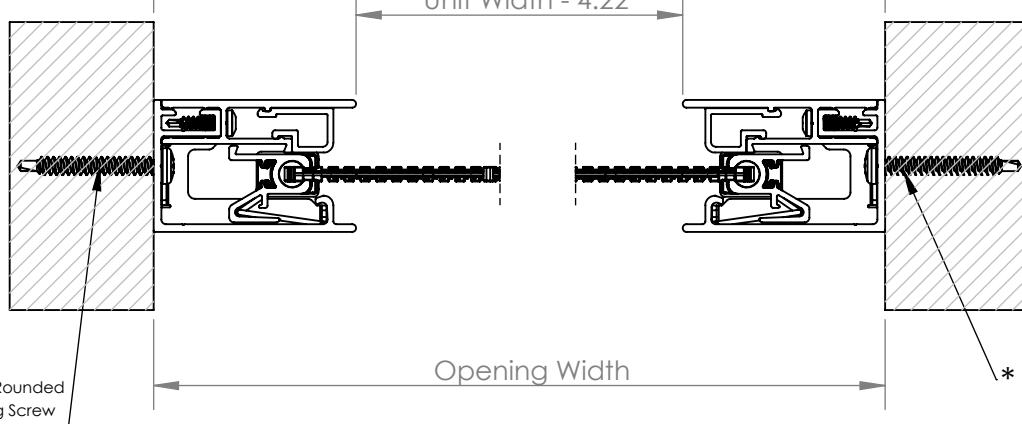
FRONT SIDE OF THE UNIT

Unit Width = Opening Width

Unit Width - 4.22"

Opening Width

#10x1 1/2" Rounded Head Drilling Screw



FRONT SIDE OF THE UNIT

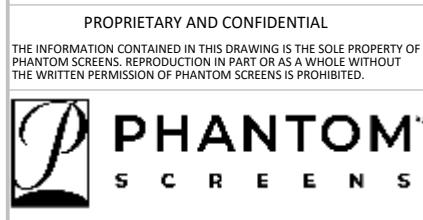
Space reserved for slide bar and bottom seal/brushpile on top, clear of the opening for maximum view.

Opening Height

Pull = Opening Height + 11.295"

Note:

- Screen unit height can be reduced by cutting the tracks on site.
- Screen unit width is fixed and must be accurate when ordering.



UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES.
TOLERANCES:
FRACTIONAL $\pm 1/32$
ANGULAR ± 2
TWO PLACE DECIMAL $\pm .013$
THREE PLACE DECIMAL $\pm .005$

STANDARD TOLERANCES APPLY
UNLESS OTHERWISE SPECIFIED

INTERPRET GEOMETRIC
TOLERANCING PER: ASME Y14.5
THIRD ANGLE PROJECTION

MATERIAL
ASSY

DRAWN

SA

2025-12-15

TITLE: Mz2.0, 4" Recessed Roller, Sure Fit Track

CHECKED

PP

2025-12-15

SIZE

A

DWG. NO.

EPN449

REV

3

ENG APPR.

MFG APPR.

Q.A.

SCALE: 1:12

WEIGHT:

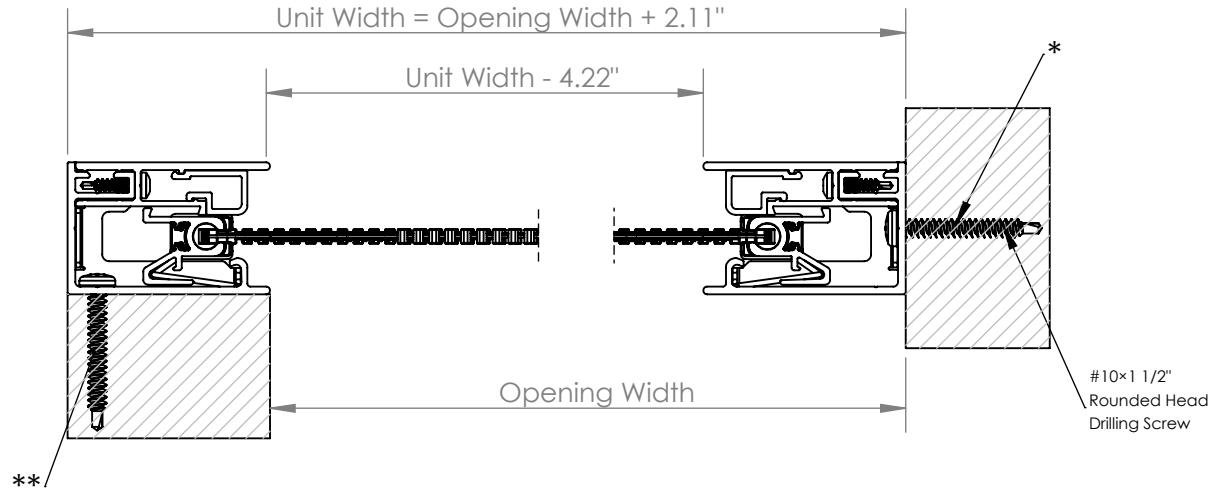
SHEET 6 OF 14

Motorized Retractable Screen

4" Recessed Roller with Sure Fit Track
 Tracks In-Jamb and Surface Positioned
 Tracks Back (*) and Side (**) Mounted

B

FRONT SIDE OF THE UNIT



FRONT SIDE OF THE UNIT

Space reserved for slide bar and bottom seal/brushpile on top, clear of the opening for maximum view.

Opening Height

Pull = Opening Height + 11.295"

B

A

Note:

- Screen unit height can be reduced by cutting the tracks on site.
- Screen unit width is fixed and must be accurate when ordering.

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 TOLERANCES:
 FRACTIONAL $\pm 1/32$
 ANGULAR ± 2
 TWO PLACE DECIMAL $\pm .013$
 THREE PLACE DECIMAL $\pm .005$

STANDARD TOLERANCES APPLY
UNLESS OTHERWISE SPECIFIED

INTERPRET GEOMETRIC
 TOLERANCING PER: ASME Y14.5
 THIRD ANGLE PROJECTION

MATERIAL
ASSY

DRAWN

SA

2025-12-15

TITLE: Mz2.0, 4" Recessed Roller, Sure Fit Track

CHECKED

PP

2025-12-15

ENG APPR.

PP

2025-12-15

SIZE

A

DWG. NO.

EPN449

REV

3

SCALE: 1:12

WEIGHT:

SHEET 7 OF 14

Motorized Retractable Screen

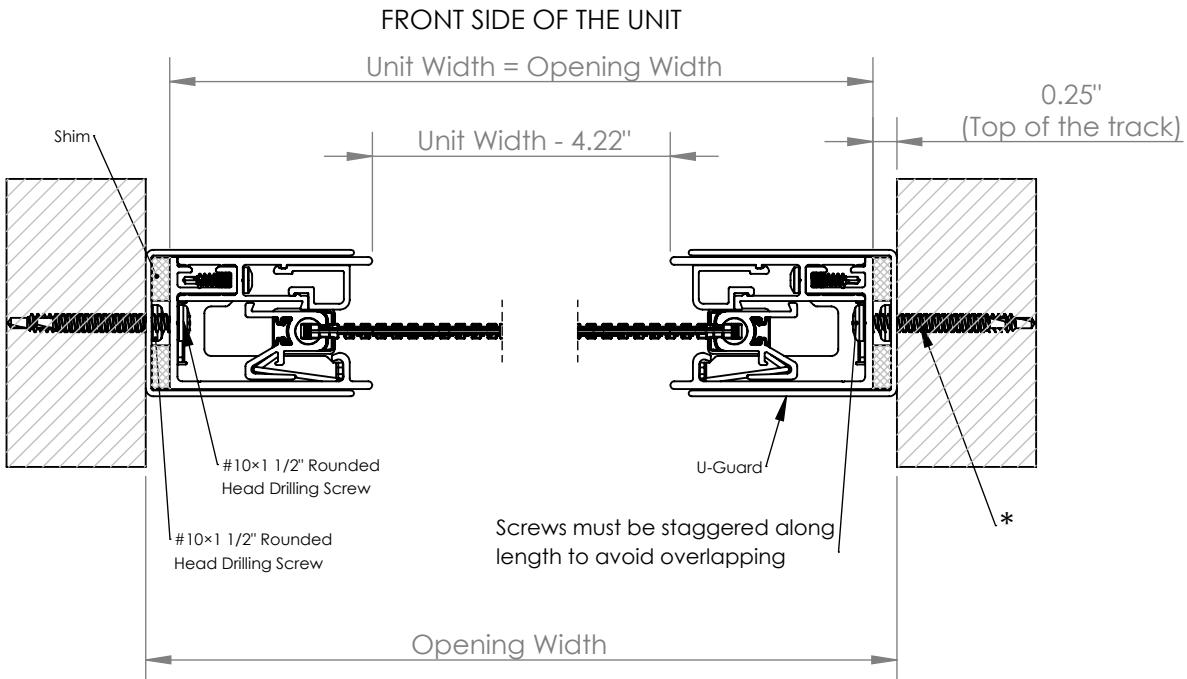
4" Recessed Roller with Sure Fit Track

U-Guard Used for Adjustment on Unparallel Posts

Tracks In-Jamb Positioned

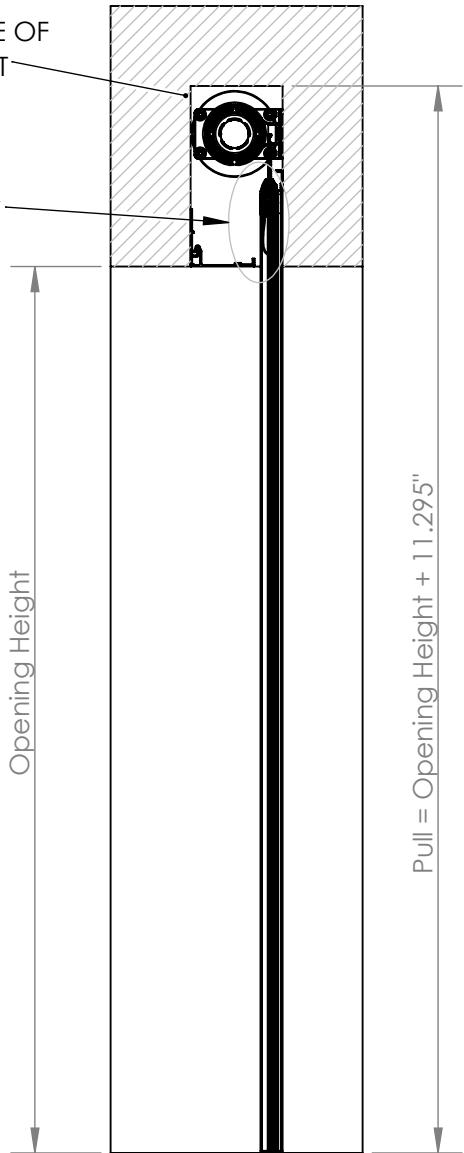
Tracks Back Mounted (*)

B



FRONT SIDE OF THE UNIT

Space reserved for slide bar and bottom seal/brushpile on top, clear of the opening for maximum view.



Note:

- Screen unit height can be reduced by cutting the tracks on site.
- Screen unit width is fixed and must be accurate when ordering.

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PHANTOM
SCREENS

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES.
TOLERANCES:
FRACTIONAL $\pm 1/32$
ANGULAR ± 2
TWO PLACE DECIMAL $\pm .013$ "
THREE PLACE DECIMAL $\pm .005$ "

STANDARD TOLERANCES APPLY
UNLESS OTHERWISE SPECIFIED

INTERPRET GEOMETRIC
TOLERANCING PER: ASME Y14.5
THIRD ANGLE PROJECTION

MATERIAL
ASSY

DRAWN

SA

2025-12-15

TITLE: Mz2.0, 4" Recessed Roller, Sure Fit Track

SIZE

A

DWG. NO.

EPN449

REV

3

SCALE: 1:12

WEIGHT:

SHEET 8 OF 14

Motorized Retractable Screen

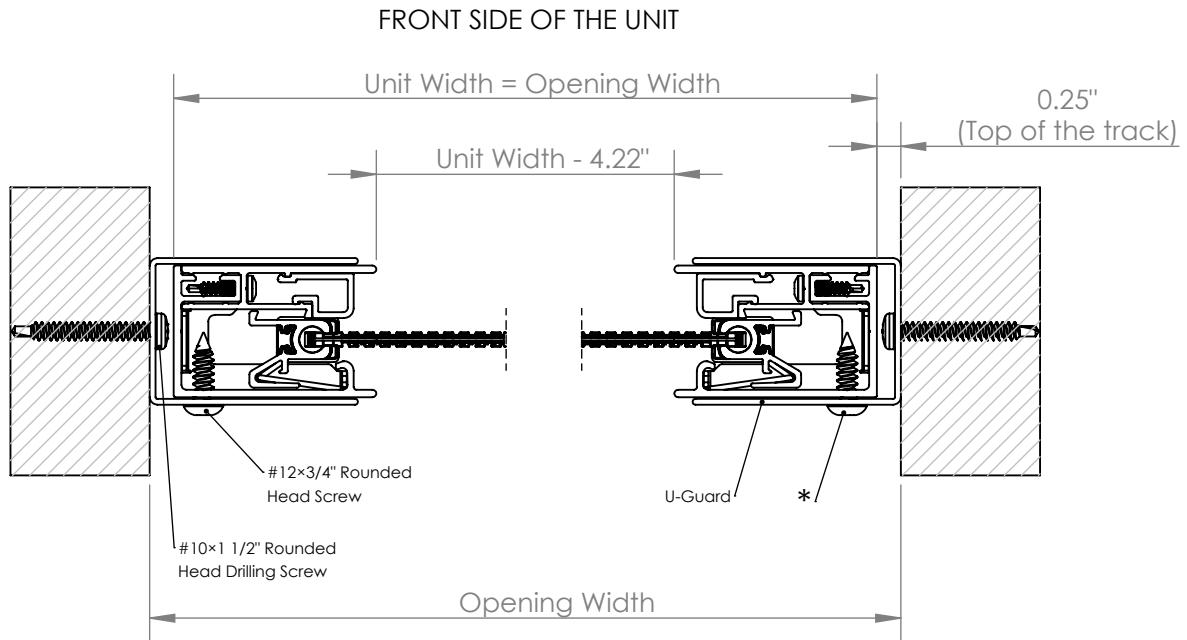
4" Recessed Roller with Sure Fit Track

U-Guard Used for Adjustment on Unparallel Posts

Tracks In-Jamb Positioned

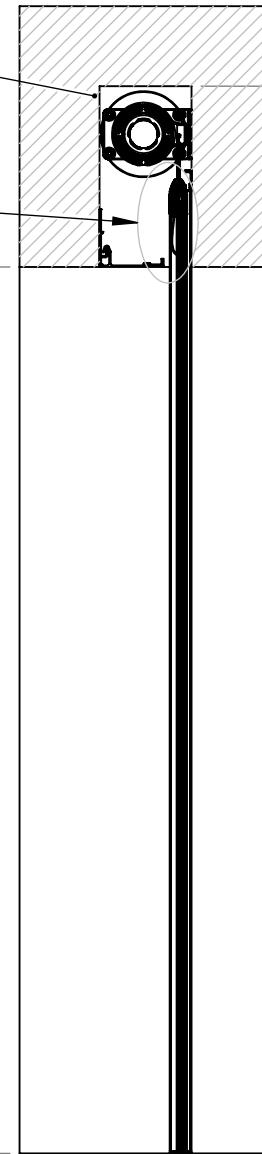
Tracks Side Mounted (*)

B



FRONT SIDE OF
THE UNIT

Space reserved for
slide bar and bottom
seal/brushpile on top,
clear of the opening
for maximum view.



B

A

Note:

- Screen unit height can be reduced by cutting the tracks on site.
- Screen unit width is fixed and must be accurate when ordering.



UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES.
TOLERANCES:
FRACTIONAL $\pm 1/32$
ANGULAR ± 2
TWO PLACE DECIMAL $\pm .013$
THREE PLACE DECIMAL $\pm .005$

STANDARD TOLERANCES APPLY
UNLESS OTHERWISE SPECIFIED

INTERPRET GEOMETRIC
TOLERANCING PER: ASME Y14.5
THIRD ANGLE PROJECTION

MATERIAL
ASSY

DRAWN

SA

2025-12-15

TITLE: Mz2.0, 4" Recessed Roller, Sure Fit Track

CHECKED

PP

2025-12-15

SIZE

A

DWG. NO.

EPN449

REV

3

ENG APPR.

PP

2025-12-15

MFG APPR.

Q.A.

SCALE: 1:12

WEIGHT:

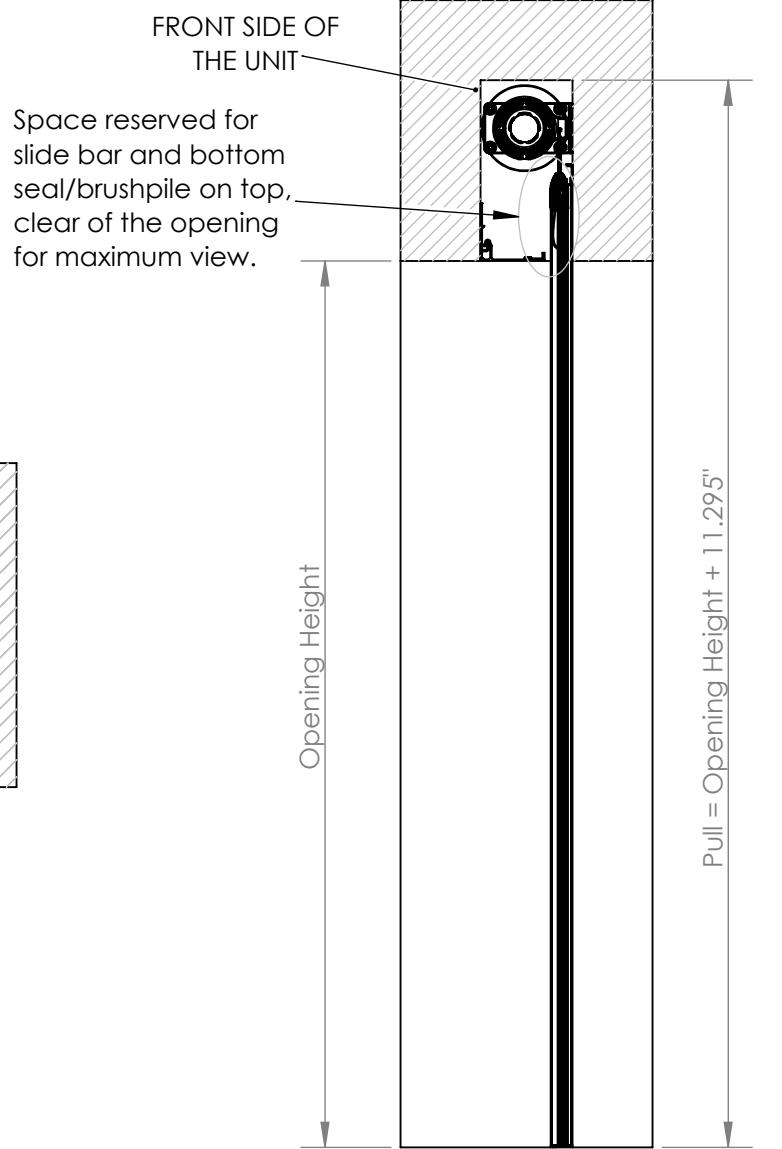
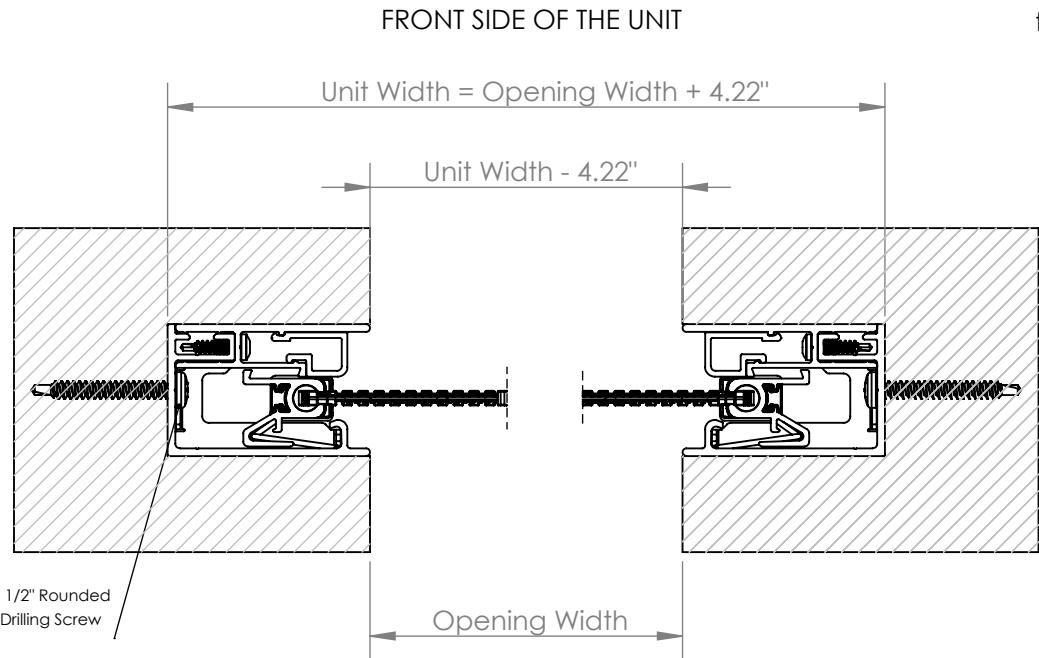
SHEET 9 OF 14

Motorized Retractable Screen

4" Recessed Roller with Sure Fit Track

Tracks Recessed-Mounted

B

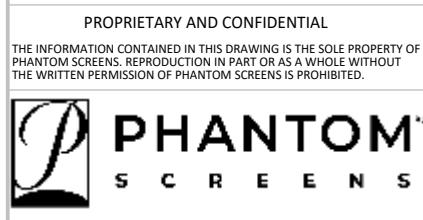


B

A

Note:

- Screen unit height can be reduced by cutting the tracks on site.
- Screen unit width is fixed and must be accurate when ordering.



UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES.
TOLERANCES:
FRACTIONAL $\pm 1/32$
ANGULAR ± 2
TWO PLACE DECIMAL $\pm .013$ "
THREE PLACE DECIMAL $\pm .005$ "

STANDARD TOLERANCES APPLY
UNLESS OTHERWISE SPECIFIED

INTERPRET GEOMETRIC
TOLERANCING PER: ASME Y14.5
THIRD ANGLE PROJECTION

MATERIAL
ASSY

DRAWN

SA

2025-12-15

TITLE: Mz2.0, 4" Recessed Roller, Sure Fit Track

CHECKED

PP

2025-12-15

ENG APPR.

PP

2025-12-15

SIZE

A

DWG. NO.

EPN449

REV

3

SCALE: 1:12

WEIGHT:

SHEET 10 OF 14

Motorized Retractable Screen

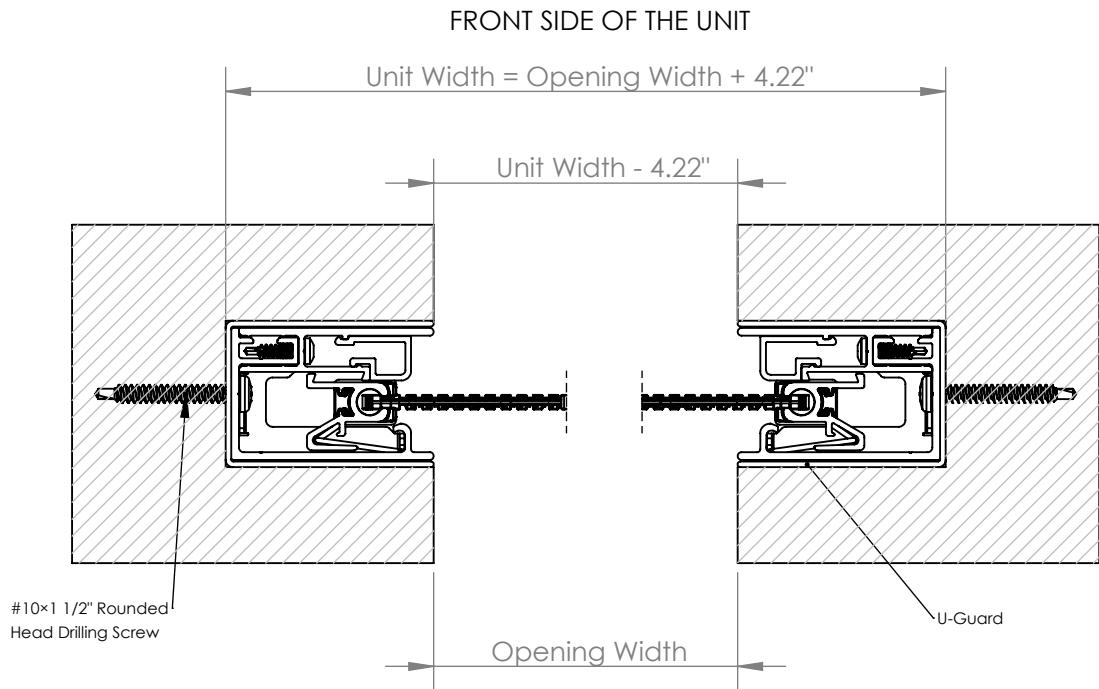
4" Recessed Roller with Sure Fit Track

Stucco Build-Up Post with U-Guard

(Build-Up Procedure on Page 12)

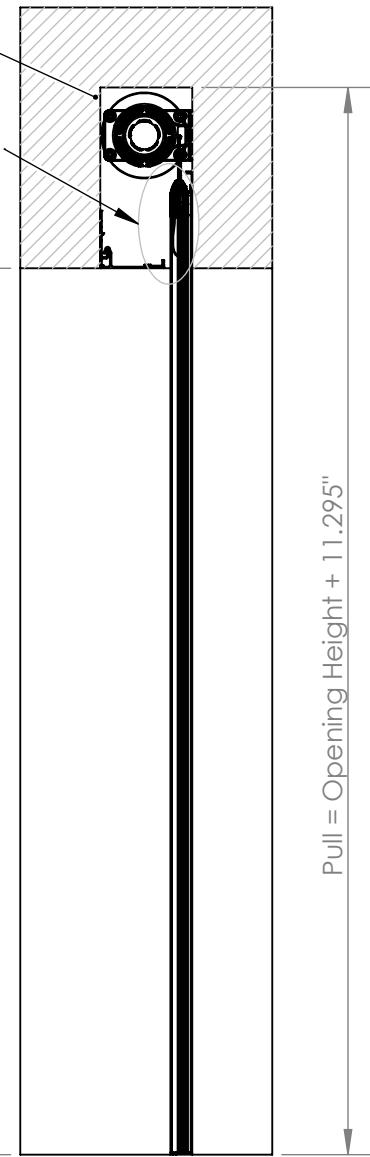
Tracks Recessed-Mounted

B



FRONT SIDE OF
THE UNIT

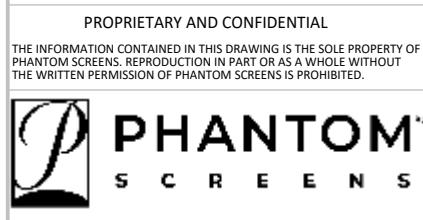
Space reserved for
slide bar and bottom
seal/brushpile on top,
clear of the opening
for maximum view.



A

Note:

- Screen unit height can be reduced by cutting the tracks on site.
- Screen unit width is fixed and must be accurate when ordering.



UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES.
TOLERANCES:
FRACTIONAL $\pm 1/32$
ANGULAR ± 2
TWO PLACE DECIMAL $\pm .013$
THREE PLACE DECIMAL $\pm .005$

STANDARD TOLERANCES APPLY
UNLESS OTHERWISE SPECIFIED

INTERPRET GEOMETRIC
TOLERANCING PER: ASME Y14.5
THIRD ANGLE PROJECTION

MATERIAL
ASSY

DRAWN

SA

2025-12-15

TITLE: Mz2.0, 4" Recessed Roller, Sure Fit Track

CHECKED

PP

2025-12-15

SIZE

A

DWG. NO.

EPN449

REV

3

ENG APPR.

PP

2025-12-15

MFG APPR.

Q.A.

SCALE: 1:12

WEIGHT:

SHEET 11 OF 14

Motorized Retractable Screen

4" Recessed Roller with Sure Fit Track

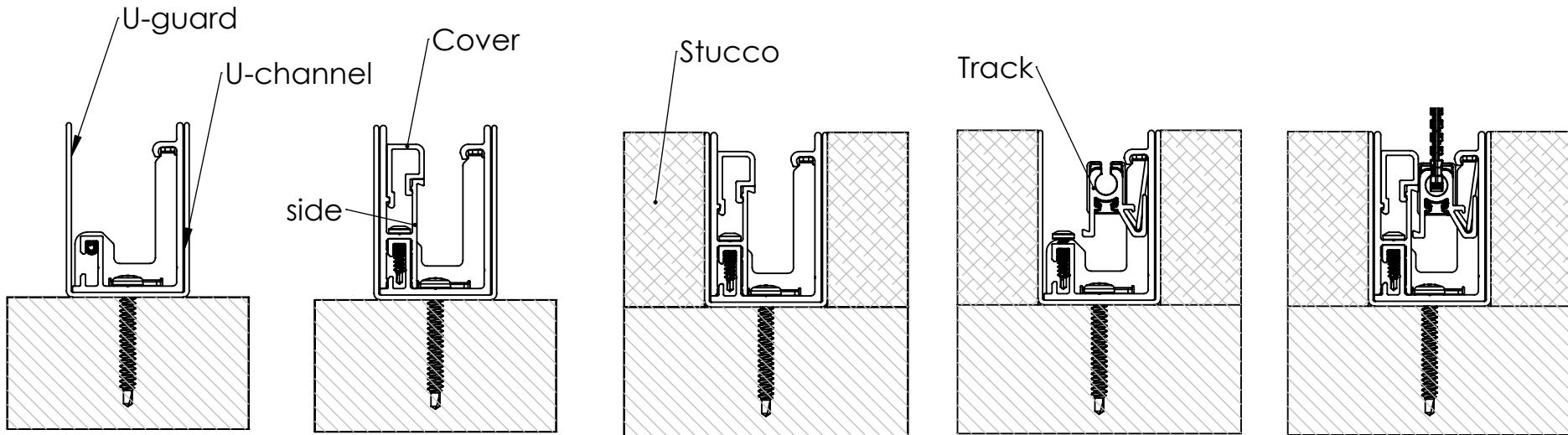
Stucco Build-Up Post with U-Guard

Tracks Recessed-Mounted

B

Track Installation Procedure with Stucco Build-up Posts

B



(A)
Mount U-channel
and U-guard

(B)
Install side and
cover

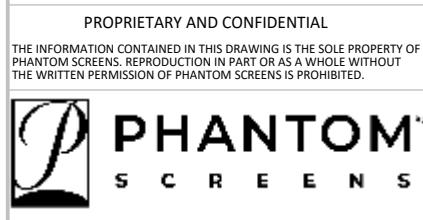
(C)
Build up the post

(D)
Remove U-channel
side and cover and
insert the track

(E)
Reinstall U-channel
side and cover

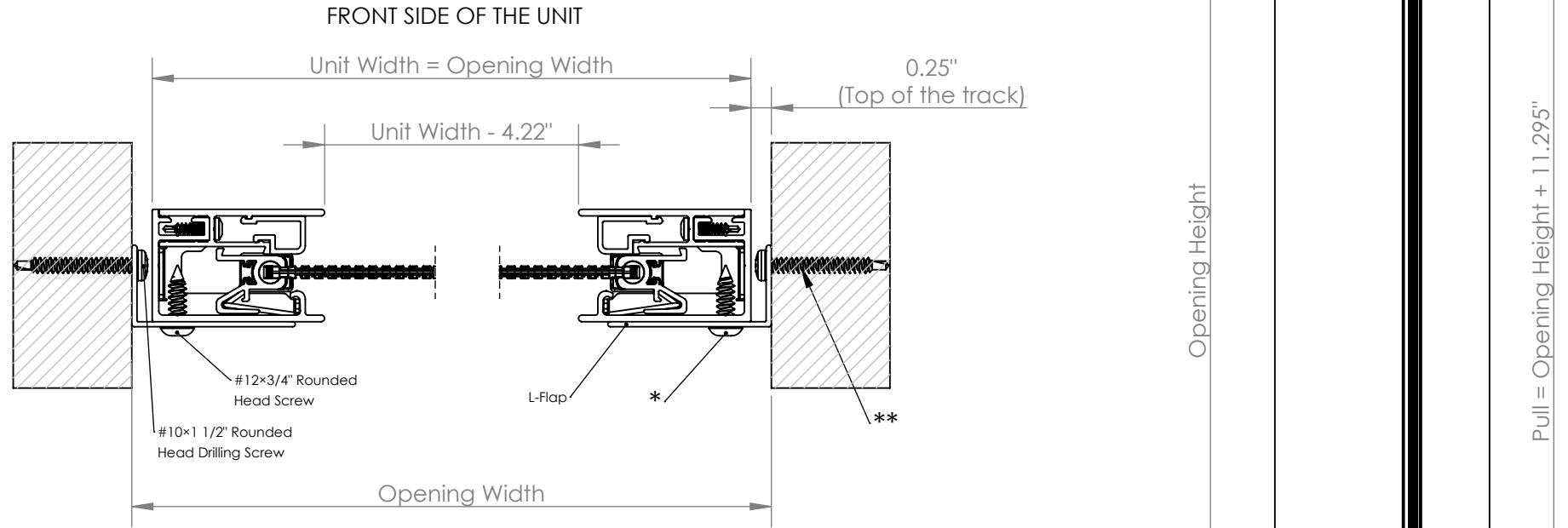
A

A

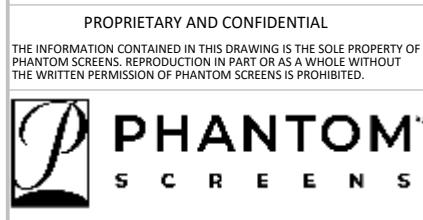


UNLESS OTHERWISE SPECIFIED:			STANDARD TOLERANCES APPLY UNLESS OTHERWISE SPECIFIED			TITLE: Mz2.0, 4" Recessed Roller, Sure Fit Track					
DIMENSIONS ARE IN INCHES. TOLERANCES: FRACTIONAL $\pm 1/32$ ANGULAR ± 2 TWO PLACE DECIMAL $\pm .013$ " THREE PLACE DECIMAL $\pm .005$ "			INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5 THIRD ANGLE PROJECTION			DRAWN	SA	2025-12-15	SIZE A	DWG. NO. EPN449	REV 3
			CHECKED	PP	2025-12-15						
			ENG APPR.	PP	2025-12-15						
MATERIAL ASSY			MFG APPR.								
			Q.A.			SCALE: 1:12	WEIGHT:				
SHEET 12 OF 14											

Motorized Retractable Screen
4" Recessed Roller with Sure Fit Track
L-Flap Used for Adjustment on Unparallel Posts
Tracks In-Jamb Positioned
Tracks Side Mounted (*)
L-Flap Mounted behind the Track ()**

**Note:**

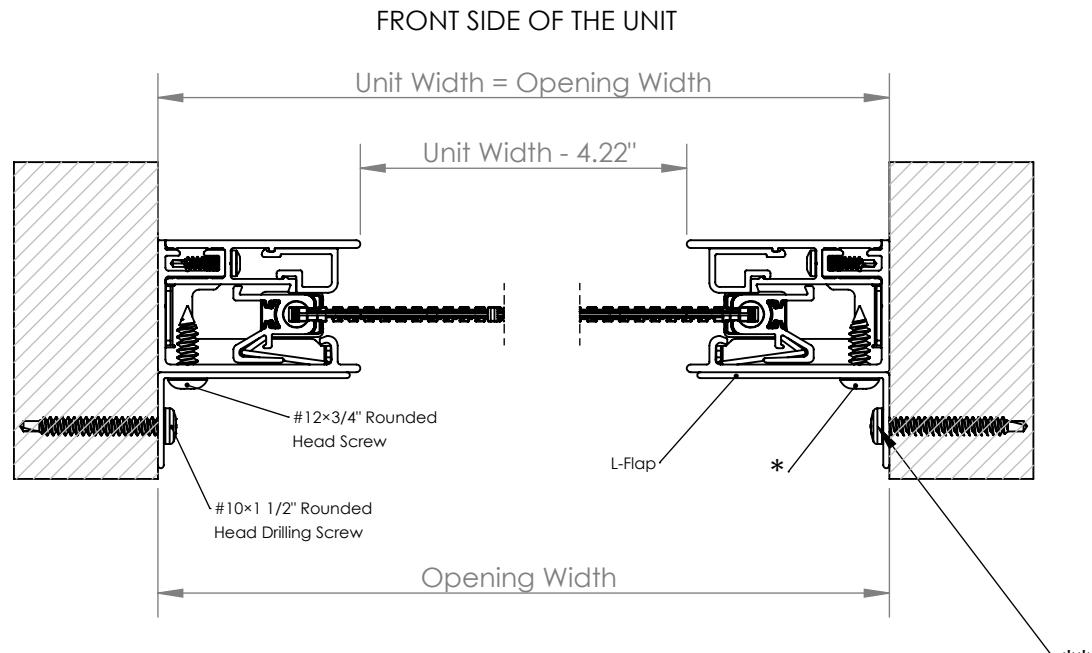
- Screen unit height can be reduced by cutting the tracks on site.
- Screen unit width is fixed and must be accurate when ordering.



UNLESS OTHERWISE SPECIFIED:			STANDARD TOLERANCES APPLY UNLESS OTHERWISE SPECIFIED			TITLE: Mz2.0, 4" Recessed Roller, Sure Fit Track					
DIMENSIONS ARE IN INCHES. TOLERANCES: FRACTIONAL $\pm 1/32$ ANGULAR ± 2 TWO PLACE DECIMAL $\pm .013$ THREE PLACE DECIMAL $\pm .005$			INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5 THIRD ANGLE PROJECTION			DRAWN	SA	2025-12-15	SIZE A	DWG. NO. EPN449	REV 3
			CHECKED	PP	2025-12-15						
			ENG APPR.	PP	2025-12-15						
MATERIAL ASSY			MFG APPR.								
			Q.A.			SCALE: 1:12	WEIGHT:				
SHEET 13 OF 14											

Motorized Retractable Screen
4" Recessed Roller with Sure Fit Track
L-Flap Used for Adjustment on Unparallel Posts
Tracks In-Jamb Positioned
Tracks Side Mounted (*)
L-Flap Mounted on the Side of the Track ()**

B



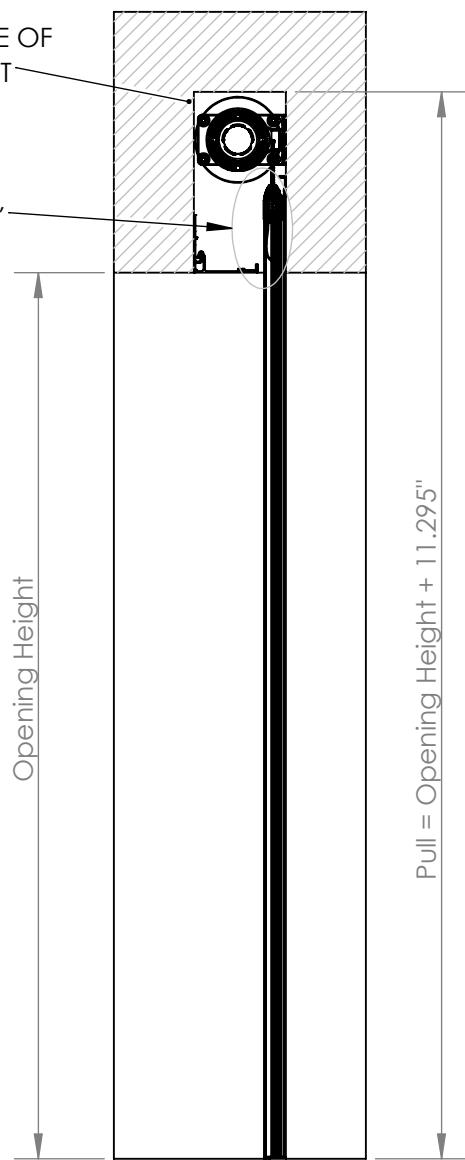
A

Note:

- Screen unit height can be reduced by cutting the tracks on site.
- Screen unit width is fixed and must be accurate when ordering.

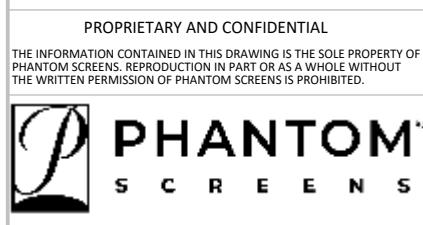
FRONT SIDE OF THE UNIT

Space reserved for slide bar and bottom seal/brushpile on top, clear of the opening for maximum view.



B

A



UNLESS OTHERWISE SPECIFIED:			STANDARD TOLERANCES APPLY UNLESS OTHERWISE SPECIFIED			TITLE: Mz2.0, 4" Recessed Roller, Sure Fit Track					
DIMENSIONS ARE IN INCHES. TOLERANCES: FRACTIONAL $\pm 1/32$ ANGULAR ± 2 TWO PLACE DECIMAL $\pm .013$ THREE PLACE DECIMAL $\pm .005$			INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5 THIRD ANGLE PROJECTION			DRAWN	SA	2025-12-15	SIZE A	DWG. NO. EPN449	REV 3
			CHECKED	PP	2025-12-15						
			ENG APPR.	PP	2025-12-15						
MATERIAL ASSY			MFG APPR.								
			Q.A.			SCALE: 1:12	WEIGHT:				
SHEET 14 OF 14											