

Recommended Opening Width 2' - 8' With Motor 3' - 8'	Recommended Opening Height 2' - 8' Manual/Motor	Recommended Maximum SQ. FT. 120'	Curtain Weight 1.12 LBS / SQ. FT.	Profile Height 1.57"				
Housing Size (A) vs. FM Shutter Height								
			5.5	6	6.5	7	7.5	8

ROLLAC

DuraComfort A150-H System Specifics

Operator Options				Wind and impact rated Florida Building Code Texas Department of Insurance	
Tape	Gear	Motor	Motor Override	Remote Control	RTS Override

ROLLAC

System Specification Sheets
DuraComfort A150-H 40mm Slat Profile

ROLLAC 2017

System Specifications

VERSION 04.06.17

To place an order please call:

(888) 2-ROLLAC (276-5522)

For more information please call:

(281) 485-1911 (local)

To find out more about our company or our products,

please visit our website: www.rollac.com.

email: architects@rollac.com

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Wall Mounting Side Rail Connections to wood and concrete walls

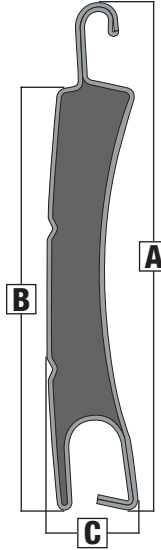
Drawing 16

Common Terms used for Rolling Shutters and Shutter System Frames



DuraComfort A150-H Hard Foam Slat

Residential Security Solution



Slat Details		
Total Height (A)	1.87	48 mm
Total Height (B)	1.57"	40 mm
Profile Width (C)	0.35"	9 mm
Wall Gauge	0.017"	0.43 mm
Weight	1.120 lbs/sqft	5.5 kg/sqm
Maximum Area	120 sqft	11.20 sqm
Operator Limitations		
Operator	Max sqft	Max sqm
Pulley (25 lbs)	22 sqft	2.04 sqm
Strap Crank (60 lbs)	54 sqft	5.02 sqm
Gear Crank (71 lbs)	63 sqft	5.85 sqm
Gear Assist (110 lbs)	98 sqft	9.10 sqm
Motor 60mm Axle (194 lbs)	120 sqft	11.15 sqm
Limited by the maximum usage		

Color Availability		
	Curtain Colors	Frame Colors
White	•	•
Cream	•	•
Beige	•	•
Bronze	•	•
Brown	•	•
Grey	•	•
Arcona Beige	•	•
Metallic	•	•

Slat Details	
<ul style="list-style-type: none"> • Double walled roll-formed aluminum • Gauge 0.43 mm / 0.017" • CFC free foam core • Paint thermal stability range: -40° F to 176° F [-40° C to 80° C] • Available with or without light slits • Solar heat gain coefficient & U values available upon request 	

Sidelocks (Polyamide Inserts for Regular Foam)			
A-153 FOR A150-H	Profiles	L. & R. (screws inc.)	PC

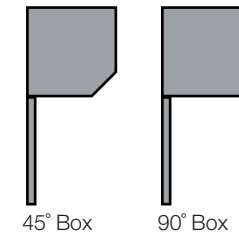
Aluminum Base Slat for Mini Slats	
Anodized Silver, Cream, White, Light Beige, Bronze, Dark Brown, Arcona Beige	

Slat Deduction for Shutter Manufacturing	
Slat	Small Leg 45° & 90° 4"-10"
A150-R	7.5 cm / 2 ¹⁵ / ₁₆ "

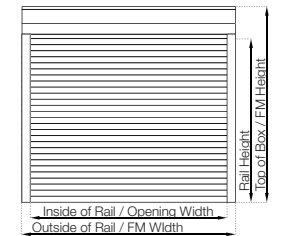
Standard Side Rail - Mini	
64 mm x 22 mm (2.50" x 0.86")	
Anodized Silver, Cream, White, Grey, Light Beige, Bronze, Dark Brown, Arcona Beige	

Optional Side Rail - Mini	
53 mm x 22 mm (2.09" x 0.86")	
Anodized Silver, Cream, White, Grey, Light Beige, Bronze, Dark Brown, Arcona Beige	

Box Housing Shape



Shutter Dimension Diagram

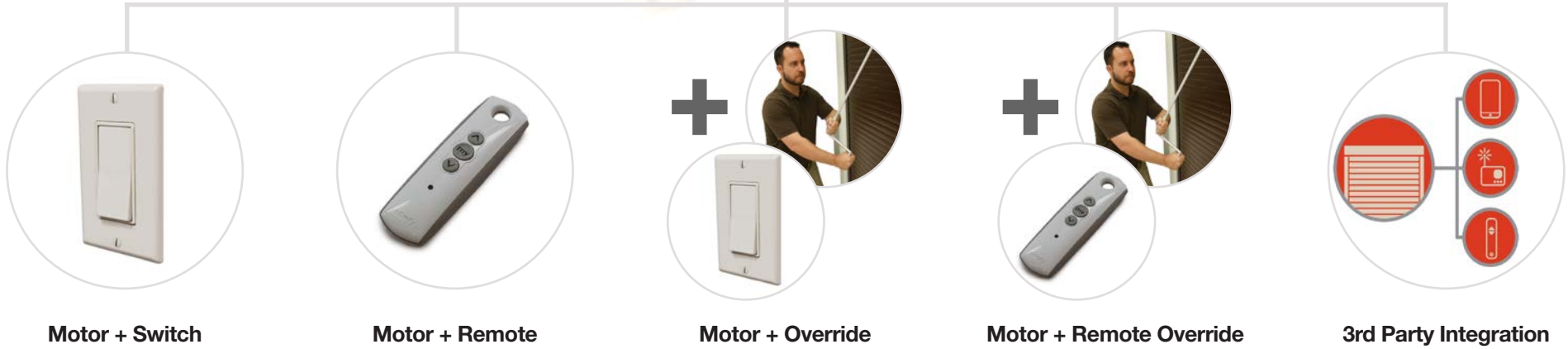


Rail Height By Housing Size														
Box Size	6" (150 mm)		6.5" (165 mm)		7" (180 mm)		8" (205 mm)		9" (230 mm)		10" (250 mm)		12" (300 mm)	
Axle	40 mm	60 mm	40 mm	60 mm	40 mm	60 mm	40 mm	60 mm	40 mm	60 mm	40 mm	60 mm	40 mm	60 mm
A150-H	48"	40"	58"	55"	67"	64"	103"	96"	128"	120"	173"	169"	--	--



Operator Overview

Motorized Options



Motor + Switch

Motor + Remote

Motor + Override

Motor + Remote Override

3rd Party Integration

Each Option Includes Motorized Operation





Operator Overview

Manual Options



Recoil Box



Crank Box



Push / Pull System



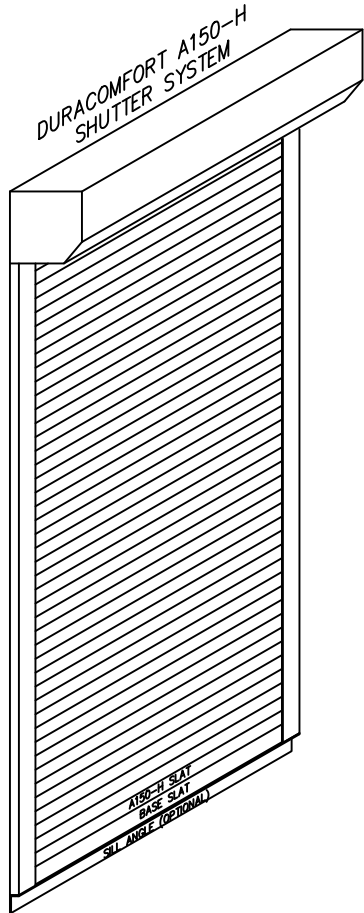
Gear Drive / Crank Handle



The DuraComfort A150H - Shutter System

with 40 mm foam filled profile with or without Ventilation

System Overview and Technical Specifications

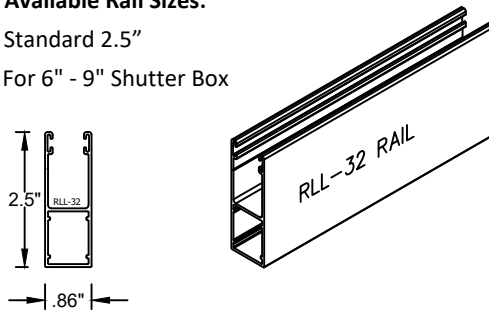


• Available Colors:

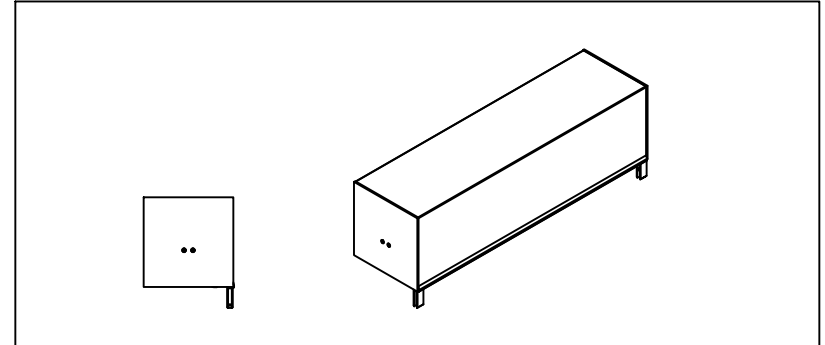
Curtain	Frame
White	White
Beige (Light Beige)	Beige (Light Beige)
Arcona Beige (Dark Beige)	Arcona Beige (Dark Beige)
Cream	Cream
Grey	Grey
Metallic	Metallic
Maroon Brown	
Dark Brown	Dark Brown
Bronze	Bronze

• Available Rail Sizes:

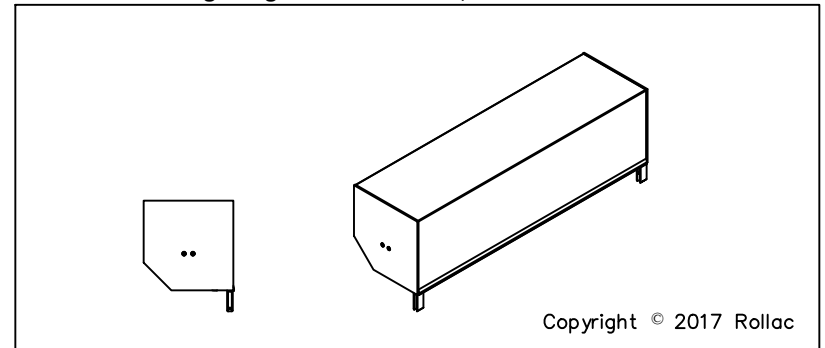
- Standard 2.5"
- For 6" - 9" Shutter Box



• Available Housing Design Choices - Side Cap 90°



• Available Housing Design Choices - Side Cap 45°



- Florida Building Code Approved FL16135.1
- Texas Department of Insurance Approved SHU 63

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	DRAWN	TRAVIS E.	2017/03/09	DESCRIPTION: SYSTEM SPECIFICATION SHEETS FOR A150H SHUTTER SYSTEM.
	CHECKED	STEFAN P.	2017/03/09	
	APPR.	YYYY/MM/DD		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
ANGLES	X ± .5	XX ± .1	XXX ± .03	
<p style="font-size: x-small;">THIRD ANGLE PROJECTION</p>		SIZE DWG. NO.	REV	
		A	A150H	A
		SCALE: NONE	WEIGHT: XX.XLBS	1 OF 16

• Required Minimum and Maximum Dimensions for Operators

Manual System Min and Max Dimensions	
System Width	2' - 8"
System Height	3' - 8"
Maximum System SQFT	120 sqft

Motorized Systems Min and Max Dimensions	
System Width	3' - 8"
System Height	3' - 8"
Maximum System SQFT	120 sqft

*The system specifications and information herein are based on the dimensional recommendations. If a system requires dimensions outside the scope of these technical recommendations, special engineering and installations may be required. Always consult with Rollac first.

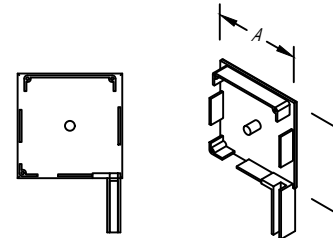
System Weight	
Approximate Systems Weight	2.24 lbs / sqft
Curtain Weight	1.12 lbs / sqft
Profile Height	1.57" (40mm)

**The SecuraSure A150H - Shutter System
with 40 mm foam filled profile
with or without Ventilation
System Overview and Technical Specifications**

• Available Operators and SQFT Limitations

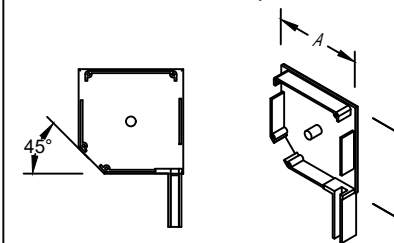
Operator System Dimensions	Max SQFT
Recoil Box Tape Drive	35 sqft
Crank Box Tape Drive	55 sqft
Gear	62 sqft
Gear + Assist Spring	100 sqft
Push / Pull	120 sqft
Motor Regular Switch	120 sqft
Motor with Over Ride (M+O)	120 sqft
Motor with Remote Control	120 sqft
Motor with Remote Control and Over Ride	120 sqft

Dimensions of Side Cap 90°



Dimensions of Side Caps - 90°	
Box	A
5.0" (125mm)	4.72" (120mm)
5.5" (137mm)	5.20" (132mm)
6.0" (150mm)	5.71" (145mm)
6.5" (165mm)	6.30" (160mm)
7.0" (180mm)	6.89" (175mm)
8.0" (205mm)	7.87" (200mm)
9.0" (230mm)	8.86" (225mm)
10.0" (250mm)	9.65" (245mm)

Dimensions of Side Cap 45°



Dimensions of Side Caps - 45°	
Box	A
5.0" (125mm)	4.72" (120mm)
5.5" (137mm)	5.20" (132mm)
6.0" (150mm)	5.71" (145mm)
6.5" (165mm)	6.30" (160mm)
7.0" (180mm)	6.89" (175mm)
8.0" (205mm)	7.87" (200mm)
9.0" (230mm)	8.86" (225mm)
10.0" (250mm)	9.65" (245mm)

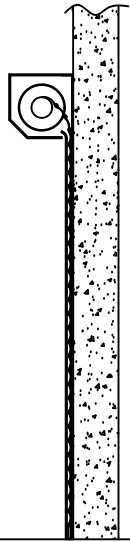
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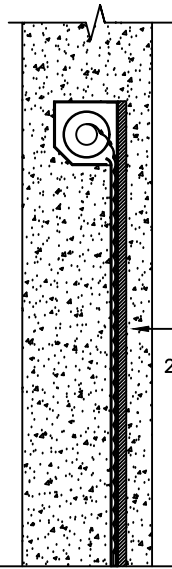
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CHECKED STEFAN P.	2017/03/09	
APPR.	YYYY/MM/DD	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
ANGLES	± .5 ± .1 ± .03 ± .005	
 THIRD ANGLE PROJECTION		SIZE DWG. NO. A A150H A
SCALE: NONE		WEIGHT: XX.XLBS 2 OF 16

SHUTTER MOUNTING OPTIONS



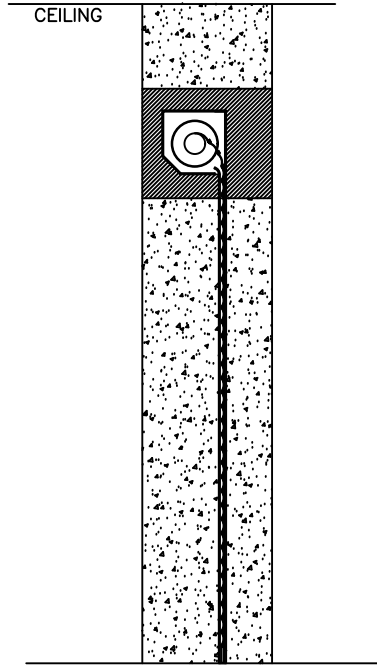
SURFACE MOUNT

SEE PAGE # 4
FOR DETAILS



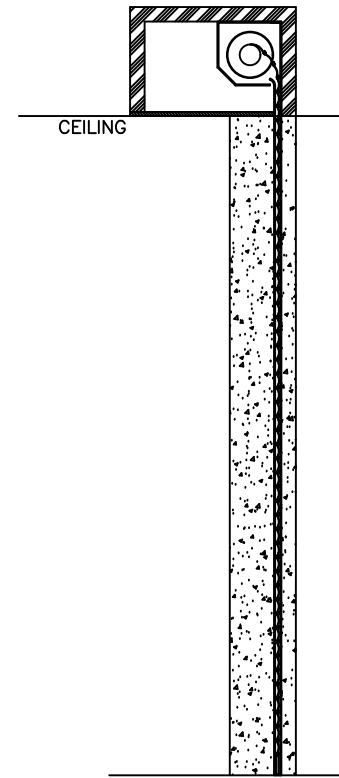
RECESS/JAMB MOUNT

SEE PAGE # 5
FOR DETAILS



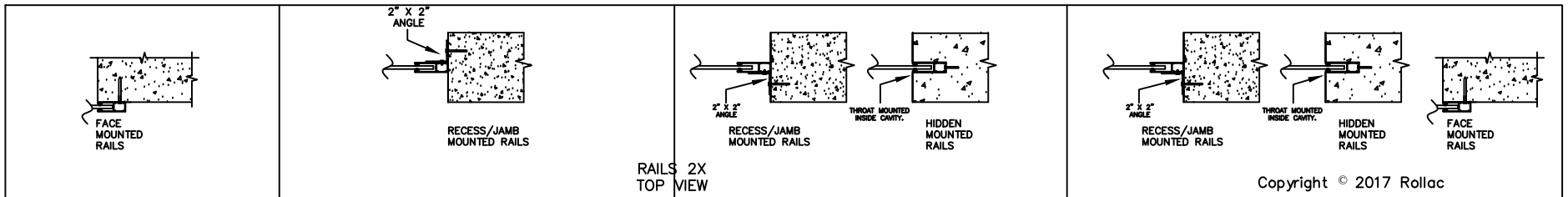
INWALL MOUNT

SEE PAGE # 6
FOR DETAILS



ABOVE CEILING/SOFFIT MOUNT

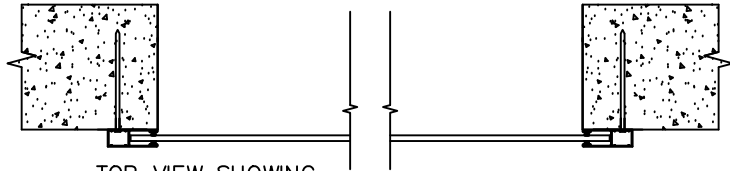
SEE PAGE # 7
FOR DETAILS



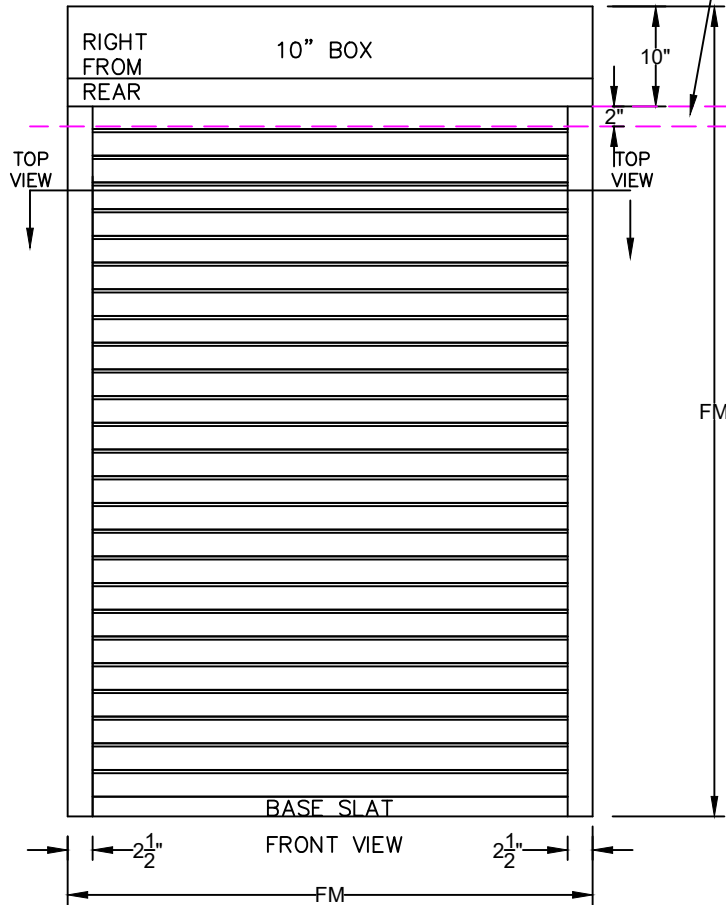
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RAIL MOUNTING OPTIONS BY SHUTTER MOUNT METHODS

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	CHECKED	STEFAN P.	2017/03/09	
	APPR.		YYYY/MM/DD	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				
ANGLES	.X ± .5	.XX ± .1	.XXX ± .03	.XXX ± .005
THIRD ANGLE PROJECTION			SIZE DWG. NO. A A150H A	
			SCALE: NONE WEIGHT: XX.XLBS 3 OF 16	



TOP VIEW SHOWING CURTAIN AND RAILS. SCALE = 2X



SHUTTER SURFACE MOUNT

ALLOW 2" FOR BASE SLAT HANG

2X BOX SIZE

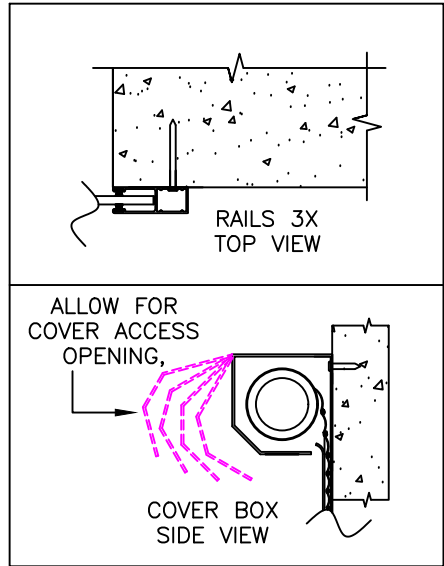
**OPERATOR DETAILS

J-BOX FOR ELECTRICAL CONNECTION (MOTOR)

**OPERATOR DETAILS TO BE SPECIFIED DURING DETAILED PLANNING.

*SEE SURFACE MOUNT DETAIL

ALLOW FOR COVER SWING.



RAILS 3X TOP VIEW

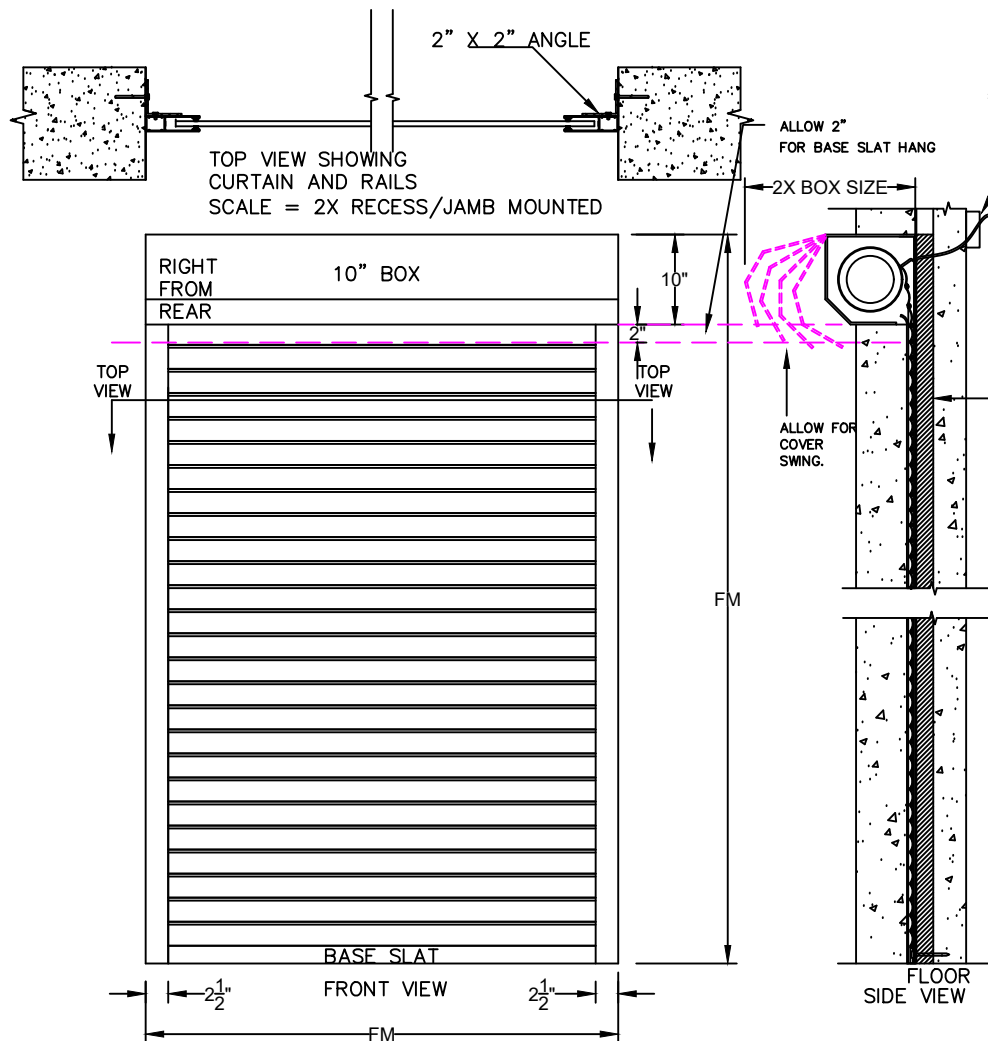
ALLOW FOR COVER ACCESS OPENING,

COVER BOX SIDE VIEW

*SURFACE MOUNT DETAIL
RAILS AND COVER BOX
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ROLLAC		NAME	DATE	PROJECT:
DRAWN	TRAVIS E.	2017/03/09		
CHECKED	STEFAN P.	2017/03/09		DESCRIPTION:
APPR.		YYYY/MM/DD		SYSTEM SPECIFICATION SHEETS FOR A150H SHUTTER SYSTEM.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				
ANGLES	X	XX	XXX	
	± 5	± 1	± .03 ± .005	
 THIRD ANGLE PROJECTION				SIZE DWG. NO.
				A A150H A
SCALE: NONE				WEIGHT: XX.XLBS 4 OF 16

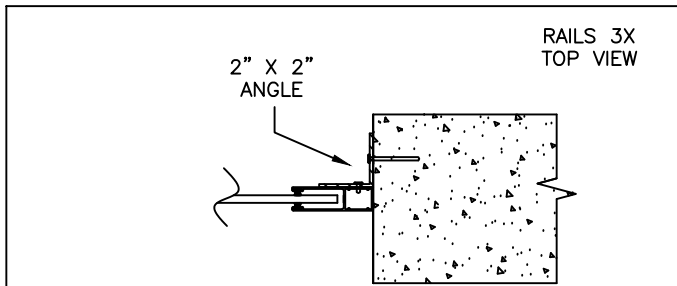
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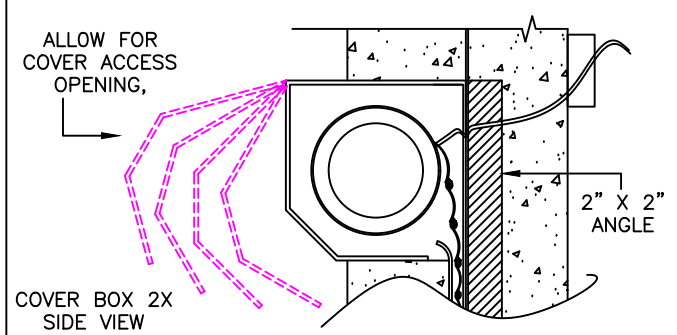
**OPERATOR DETAILS TO BE SPECIFIED DURING DETAILED PLANNING.

J-BOX FOR ELECTRICAL CONNECTION (MOTOR)

**OPERATOR DETAILS *SEE RECESS/JAMB MOUNT DETAIL



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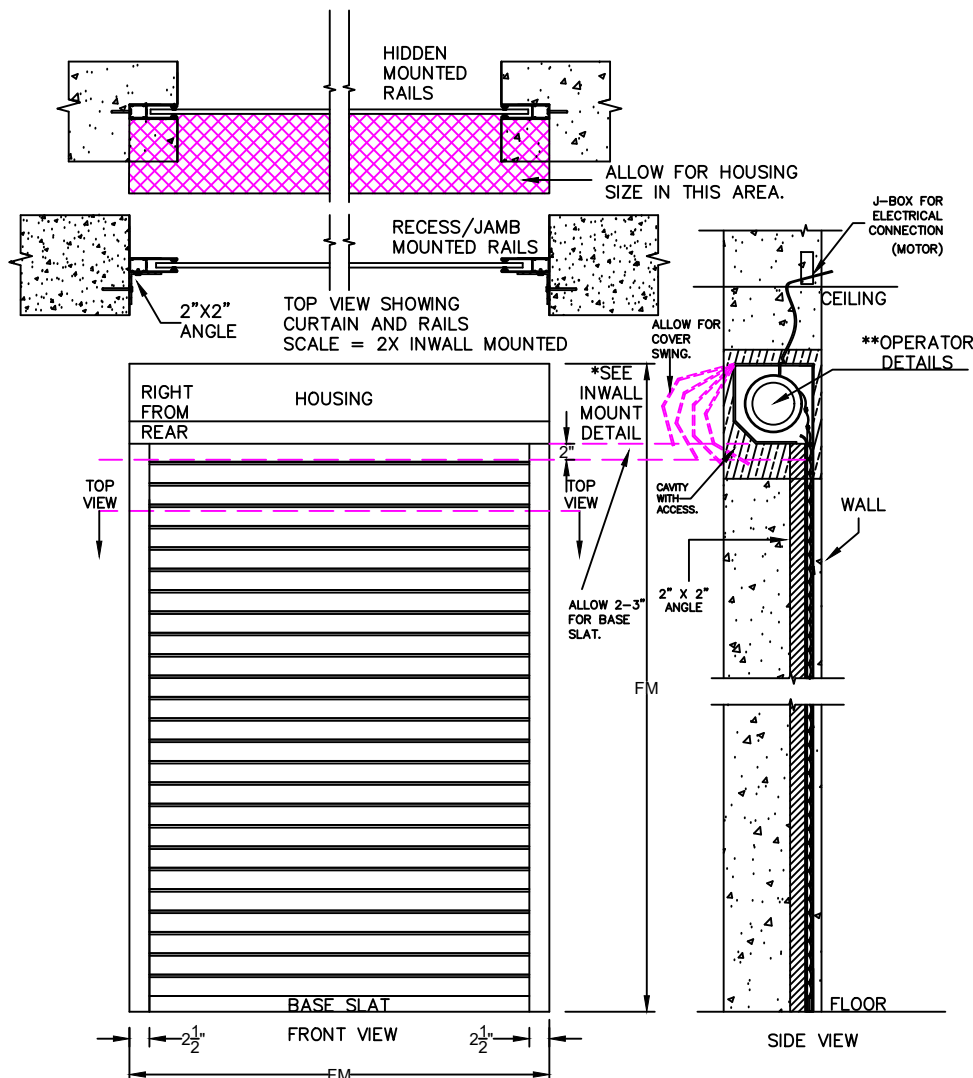
*RECESS/JAMB MOUNT DETAIL
RAILS AND COVER BOX

RECESS/JAMB MOUNT

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	DRAWN TRAVIS E.	2017/03/09	
	CHECKED STEFAN P.	2017/03/09	DESCRIPTION:
	APPR.	YYYY/MM/DD	SYSTEM SPECIFICATION SHEETS FOR A150H SHUTTER SYSTEM.
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ANGLES	± .5	± .1	± .03 ± .005
 THIRD ANGLE PROJECTION			SIZE DWG. NO.
			A A150H A
			SCALE: NONE WEIGHT: XX.XLBS 5 OF 16

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INWALL MOUNT SHUTTER RAILS CAN BE MOUNTED HIDDEN OR RECESS/JAMB MOUNTED

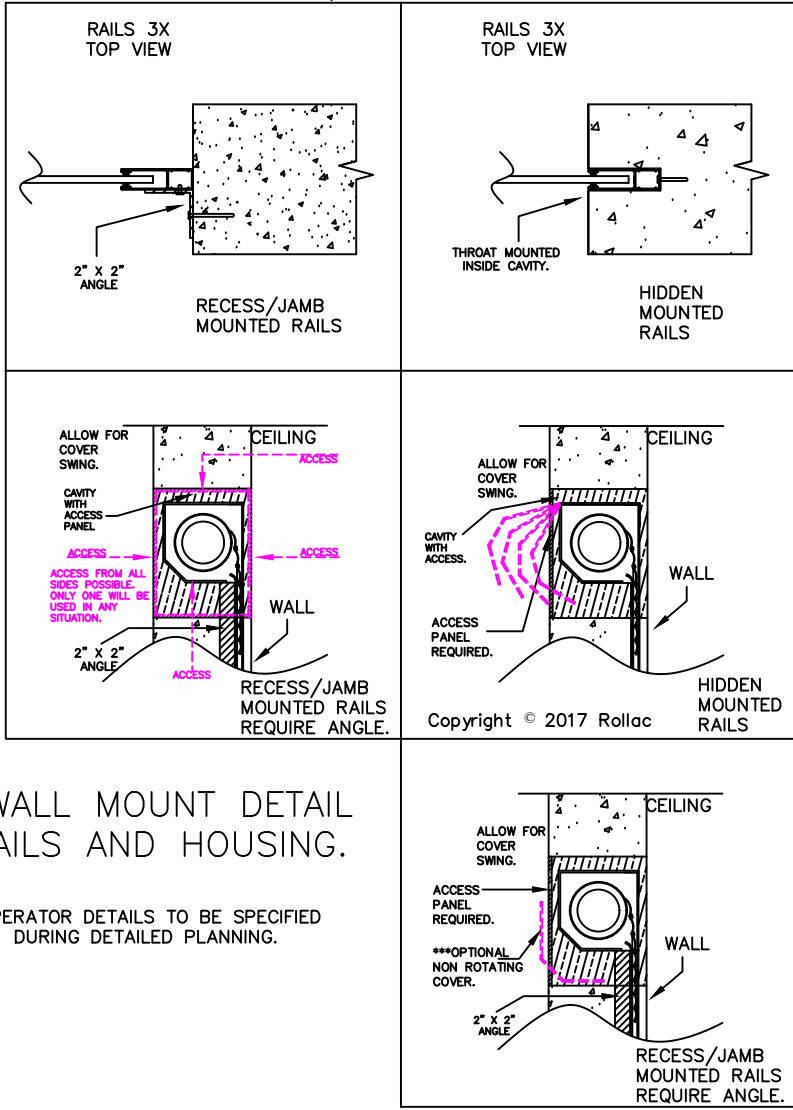


INWALL MOUNT

INWALL MOUNTED SHUTTERS ARE USUALLY MOUNTED INSIDE A CAVITY WITHIN THE HEADER ABOVE THE OPENING.

AN ACCESS PANEL WILL HAVE TO BE PROVIDED TO ENABLE INSTALLATION AND SERVICE. ACCESS CAN BE FROM EITHER SIDE, TOP OR BOTTOM. ACCESS TO BE DETERMINED DURING DETAIL SPECIFICATION.

THE OPTIONAL NON ROTATING COVER ALLOWS EASIER ACCESS INSIDE THE ACCESS PANEL IN SOME INSTALLATIONS. CONTACT ROLLAC FOR MORE DETAILS.

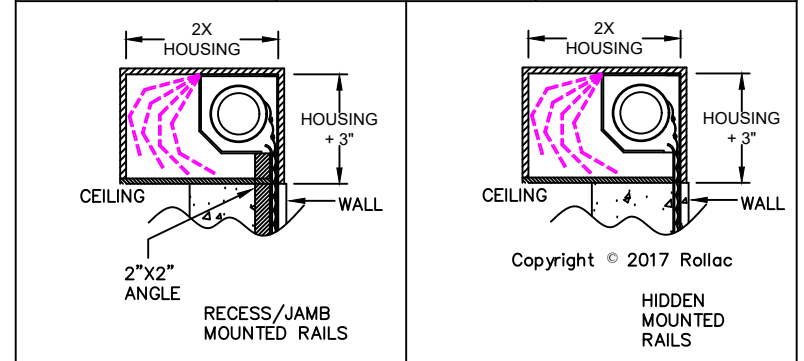
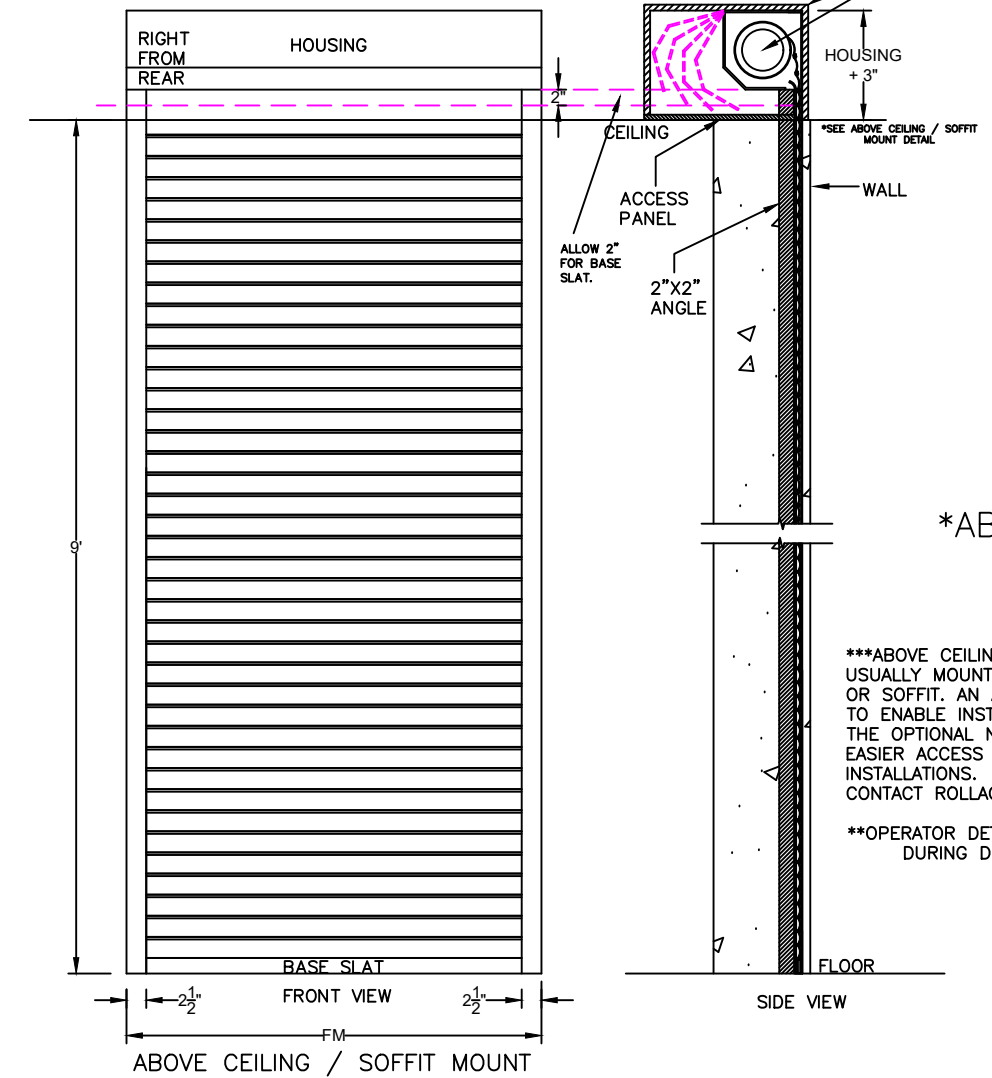
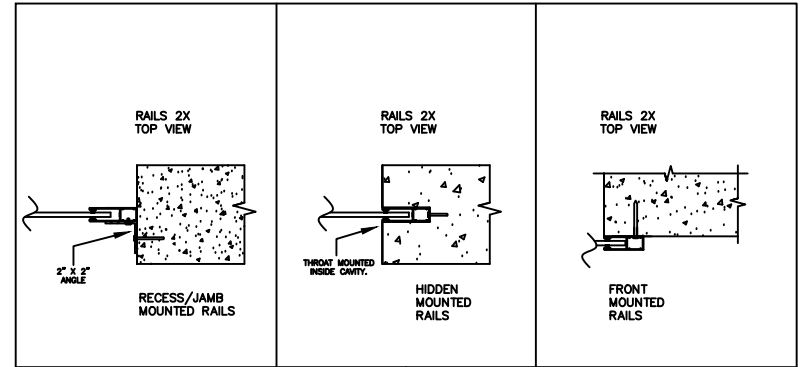
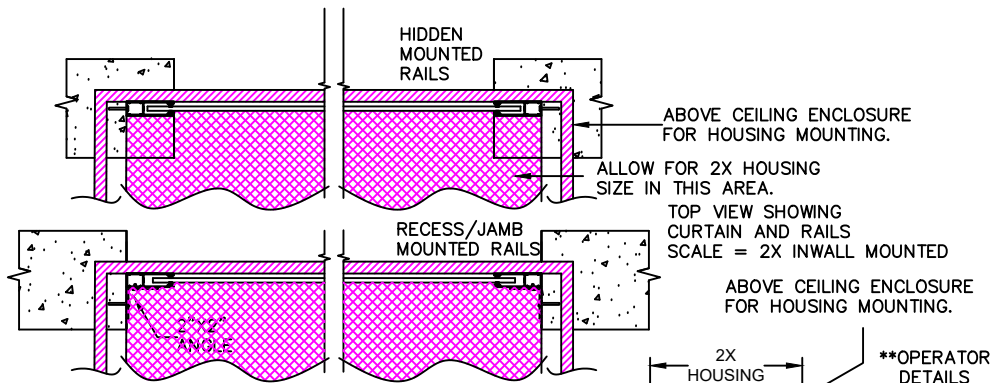


*INWALL MOUNT DETAIL
RAILS AND HOUSING.

**OPERATOR DETAILS TO BE SPECIFIED
DURING DETAILED PLANNING.

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	± .5	± .1	± .03 ± .005	
THIRD ANGLE PROJECTION		SIZE DWG. NO.		
		A A150H A		
		SCALE: NONE	WEIGHT: XX.XLBS 6 OF 16	

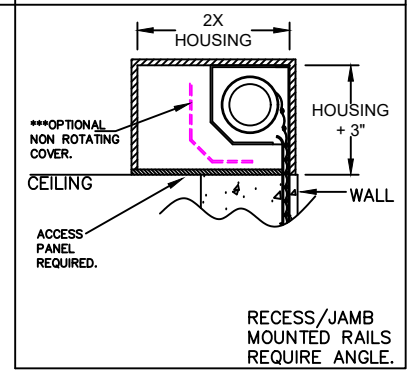
ABOVE CEILING / SOFFIT MOUNT SHUTTER RAILS CAN BE FRONT MOUNTED, HIDDEN OR RECESS/JAMB MOUNTED.



*ABOVE CEILING / SOFFIT MOUNT DETAIL RAILS AND HOUSING.

***ABOVE CEILING/SOFFIT MOUNTED SHUTTERS ARE USUALLY MOUNTED INSIDE A CAVITY ABOVE THE CEILING OR SOFFIT. AN ACCESS PANEL WILL HAVE TO BE PROVIDED TO ENABLE INSTALLATION AND SERVICE. THE OPTIONAL NON ROTATING COVER ALLOWS EASIER ACCESS INSIDE THE ACCESS PANEL IN SOME INSTALLATIONS. CONTACT ROLLAC FOR MORE DETAILS.

**OPERATOR DETAILS TO BE SPECIFIED DURING DETAILED PLANNING.



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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				
ANGLES	.X ± .5	.XX ± .1	.XXX ± .03	.XXX ± .005
THIRD ANGLE PROJECTION		SIZE DWG. NO.	REV	
		A	A	
		SCALE: NONE	WEIGHT: XX.XLBS	7 OF 16

Recommended Fastener - Schedule A-150H

Substrate	Type of Screw	Commonly Used	Minimum Embedment (E.D.)	Minimum Edge Distance	Screw Hole Spacing
Wood Framing	#14 Wood or Lag Screw Pan Head, Phillips	Wood Screw #14 Stainless Steel, Pan Head, Phillips STUCCO: #14 x 3*, FIBER CEMENT BOARD: #14 x 3 BRICK-VENEER: #14 x 4 (Screw length depends on brick size and distance to wood framing)	1.5" Threaded Penetration to Existing Wood Stud	2" Edge Distance	<u>Drill hole Spacing:</u> 12" Approximately every 12" or less starting 4" from the bottom up to 4" from the top. <u>Drill hole Size:</u>
Concrete	#14 Screw Pan Head, Phillips with S7 Fisher Anchor or Plug	#14 X 2" screw with Fisher S7 Anchor or Plug Please.	Follow the installation instructions on the Fisher Plug but we recommend the embedment to be around 1.75" Minimum.	3" Edge Distance	The Standard Recommended Drill hole is $\frac{1}{2}$ ". Rollac will do a step drill with $\frac{1}{2}$ " entry and $\frac{1}{4}$ " exit hole. This type of drill will fit all #14 screws.
Aluminum / Build Out / Angles	#14 TEK Screw Pan Head, Phillips	#14 X 1 Self Drilling PP SS TEK (TEK = Self Drilling)	n.a.	n.a.	Please advise if other screws, such as Tapcon Anchors, are used as it will change the drill size..
Red Iron	TEKS 5 Screws #12 ** Hexagon Head, Phillips	#12	n.a.	n.a.	


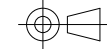
For Installation according to Hurricane Code like TDI or FBC ***

Substrate	Type of Screw	Commonly Used	Minimum Recommended Embedment.	Recommended Edge Distance	Drill Spacing and Rail Hole Size.
Wood Framing	$\frac{1}{4}$ " Diameter	#14 x 4". See Engineering for more Details.	1.5" Threaded Penetration to Existing Wood Stud. See Engineering for more details.	2" Edge Distance	Standard $\frac{1}{4}$ " hole. Drill hole spacing is typically 6" O.C. For exact details see drill hold spacing schedule within engineering.
Poured Concrete (For Block Wall see engineering).	$\frac{1}{4}$ " Tapcon Anchor as manufactured by ITW Buildex.	$\frac{5}{16}$ " x 2.75" Tapcon XL Anchors	1.75" Minimum Embedment into concrete. See Engineering for details.	3" Edge Distance. See Engineering for details.	REQUIRES $\frac{5}{16}$" drill hole. Drill hole spacing is typically 6" O.C. For exact details see drill hold spacing schedule within engineering.
Installation on Aluminum/ Build Out.	$\frac{1}{4}$ " TEK Screw Pan Head, Phillips	#14 X 1 Self Drilling PP SS TEK (TEK = Self Drilling)	n.a.	n.a.	Standard $\frac{1}{4}$ " hole. Drill hole spacing is typically 6" O.C. For exact details see drill hold spacing schedule within engineering.

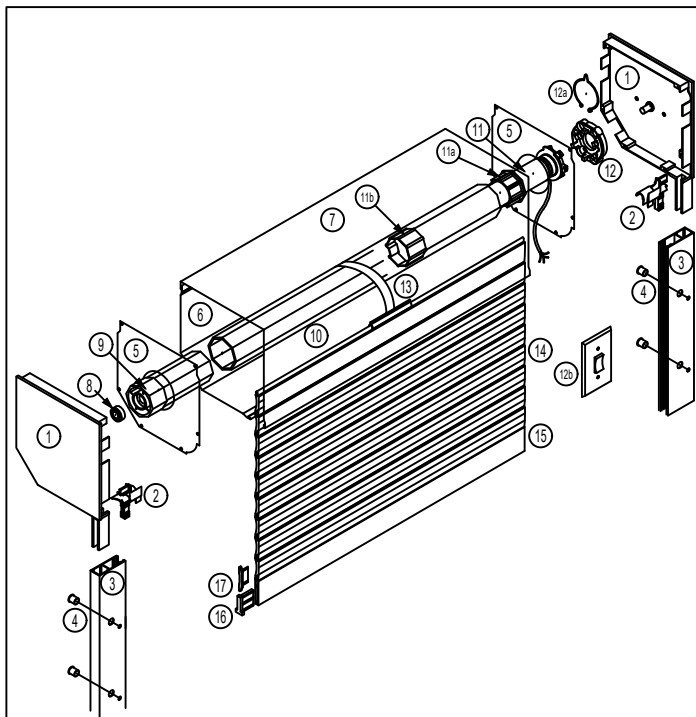
* No embedment into stucco shall be considered as part of the required embedment
 ** Screw shall not be made out of stainless steel as material is too soft to drill into a steel structure. Use other corrosion resistant material
 *** Fastener Schedule applies to face mount only. For other installation techniques, see engineering.
 Installation contractor is to seal/caulk all shutter component edges which remain in continuous contact with the building to prevent wind / rain intrusion. Caulk and seal shutter tracks all around full length.

Disclaimer: It is the responsibility of the installer to verify that the surface and structure is suitable to install a rolling shutter. Fastener schedule is a recommendation. Installer to verify that rolling shutter is securely fastened.

Choose Corrosion Resistant Material that is appropriate for the environment in which the product is being installed. Choose appropriate screw length to meet minimum embedment.

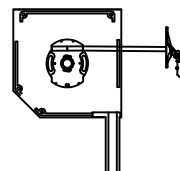
 Copyright © 2017 Rollac V2.28.2017 ROLLAC ROLLING SHUTTERS 5331 W. ORANGE ST. PEARLAND, TX 77581 TEL. 281-485-1911 WWW.ROLLAC.COM	NAME	DATE	PROJECT:	
	DRAWN	TRAVIS E.	2017/03/09	DESCRIPTION: SYSTEM SPECIFICATION SHEETS FOR A150H SHUTTER SYSTEM.
	CHECKED	STEFAN P.	2017/03/09	
	APPR.		YYYY/MM/DD	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			SIZE DWG. NO.	
ANGLES	.X	.XX	A	
	± .5	± .03 ± .005	A150H	
 THIRD ANGLE PROJECTION			REV	
SCALE: NONE			A	
WEIGHT: XX.XLBS			8 OF 16	

MOTORIZED ROLLING SHUTTER MANUAL OVERRIDE OPTIONS.

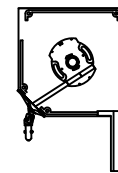


- | | | |
|---------------------------------|---------------------------|------------------------|
| ① Side/End Cap | ⑧ Ball Bearing | ⑬ Spring Ring |
| ② Entry Guide | ⑨ Idler Insert (PVC) | ⑭ Switch / Opt. Remote |
| ③ 2 1/2" Guide Rail | ⑩ 60/70 mm Octagonal Axle | ⑮ Springlock Hanger |
| ④ Plug Button | ⑪ Tubular Motor | ⑯ A150H Slats |
| ⑤ Safety Plate | ⑫ Crown | ⑰ Base Slat |
| ⑥ Housing (Front/Bottom) 6"-10" | ⑬ Drive | ⑱ Interior Nylon Stop |
| ⑦ Housing (Top/Back) 6"-10" | ⑭ Motor Bracket | ⑲ Side Lock |

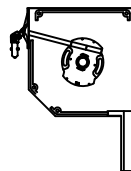
OPTION: MANUAL OVERRIDE MOUNTED AT REAR OF SHUTTER



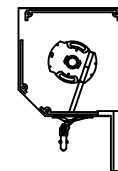
OPTION: MANUAL OVERRIDE MOUNTED AT 45 DEGREE.



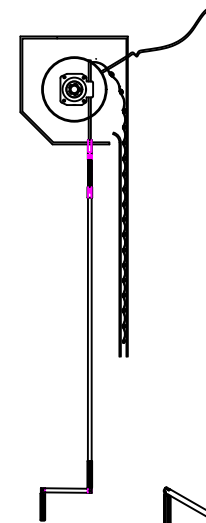
OPTION: MANUAL OVERRIDE MOUNTED AT FRONT OF ENCLOSURE



OPTION: MANUAL OVERRIDE MOUNTED AT BOTTOM OF ENCLOSURE



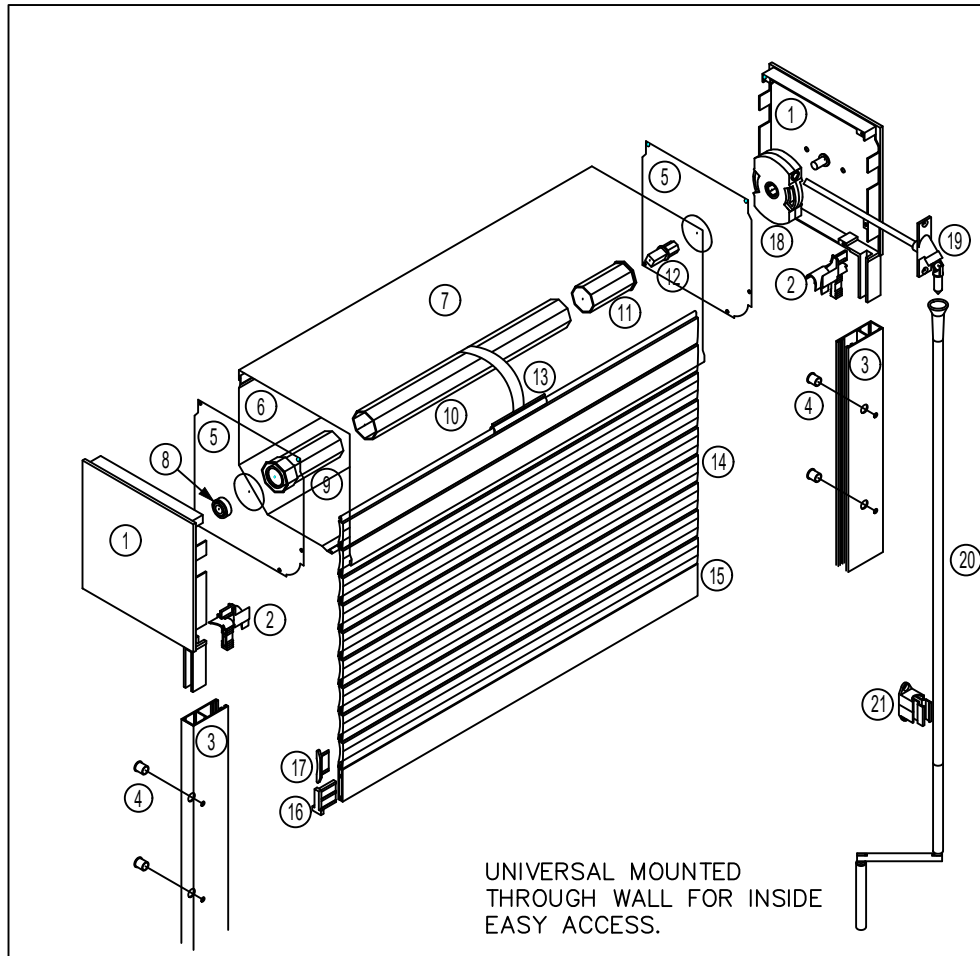
SPECIAL REMOVABLE CRANK HANDLE OPTION FOR OVER RIDE MOTORS. USED FOR EMERGENCY OPERATION.



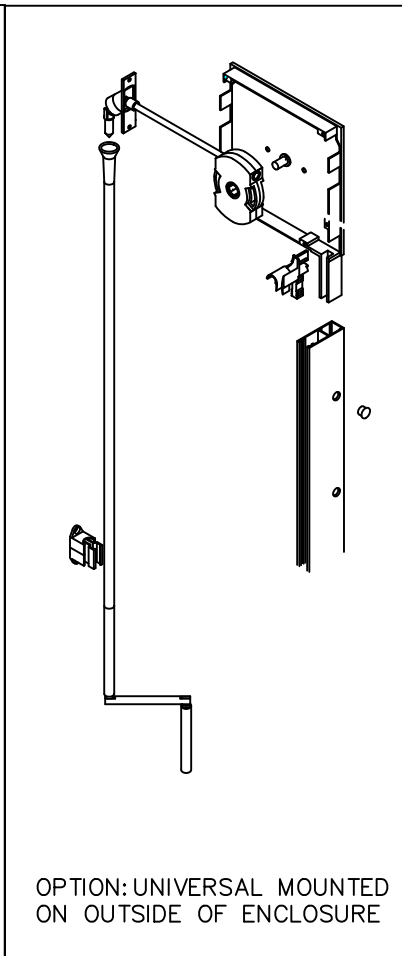
SecuraSure A150H System - MOTOR OPERATED
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	NAME	DATE	PROJECT:	
	DRAWN	TRAVIS E.	2017/03/09	DESCRIPTION: SYSTEM SPECIFICATION SHEETS FOR A150H SHUTTER SYSTEM.
	CHECKED	STEFAN P.	2017/03/09	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			SIZE DWG. NO. A150H REV A	
ANGLES: .X ± .5 .XX ± .1 .XXX ± .03 .XXX ± .005				
Copyright © 2017 Rollac V2.28.2017 ROLLAC ROLLING SHUTTERS 5331 W. ORANGE ST. PEARLAND, TX 77581 TEL: 281-485-1911 WWW.ROLLAC.COM			SCALE: NONE WEIGHT: XX.XLBS 9 OF 16	
THIRD ANGLE PROJECTION				

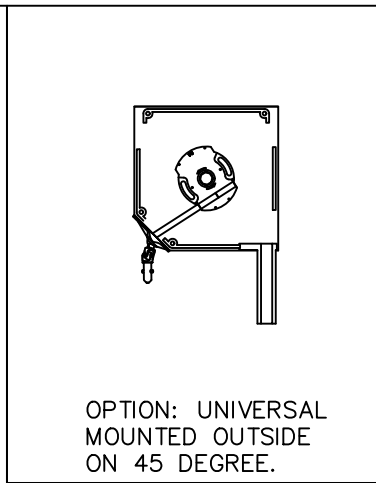
ROLLING SHUTTER GEAR OPERATED OPTIONS



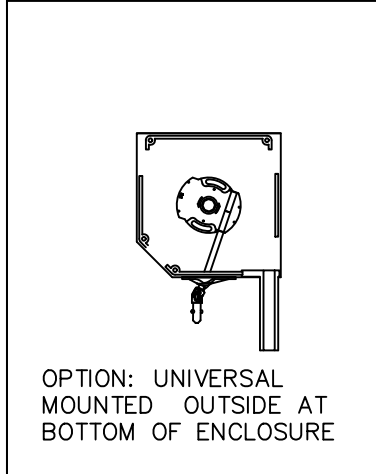
UNIVERSAL MOUNTED THROUGH WALL FOR INSIDE EASY ACCESS.



OPTION: UNIVERSAL MOUNTED ON OUTSIDE OF ENCLOSURE



OPTION: UNIVERSAL MOUNTED OUTSIDE ON 45 DEGREE.



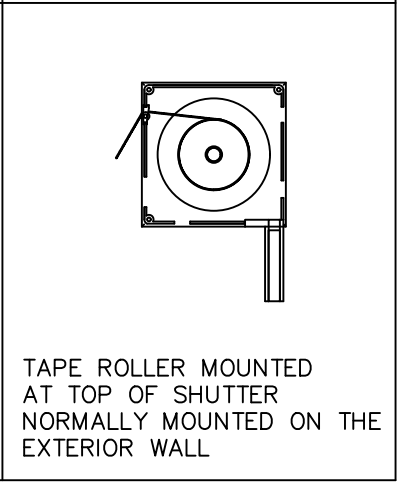
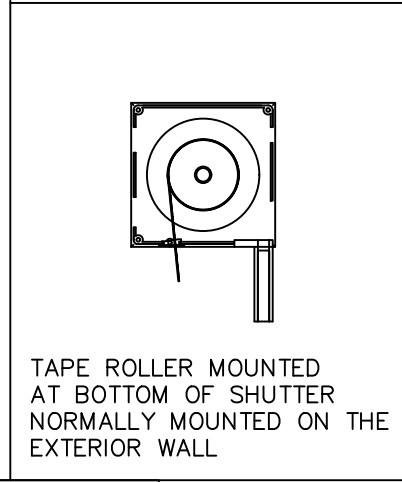
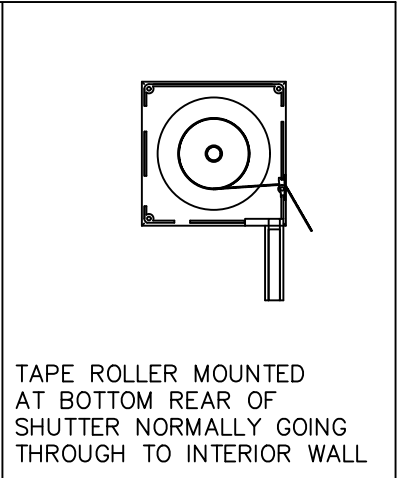
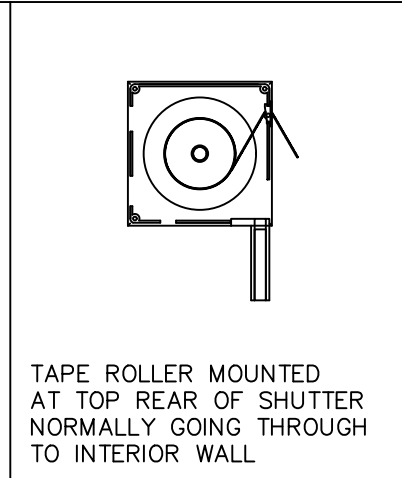
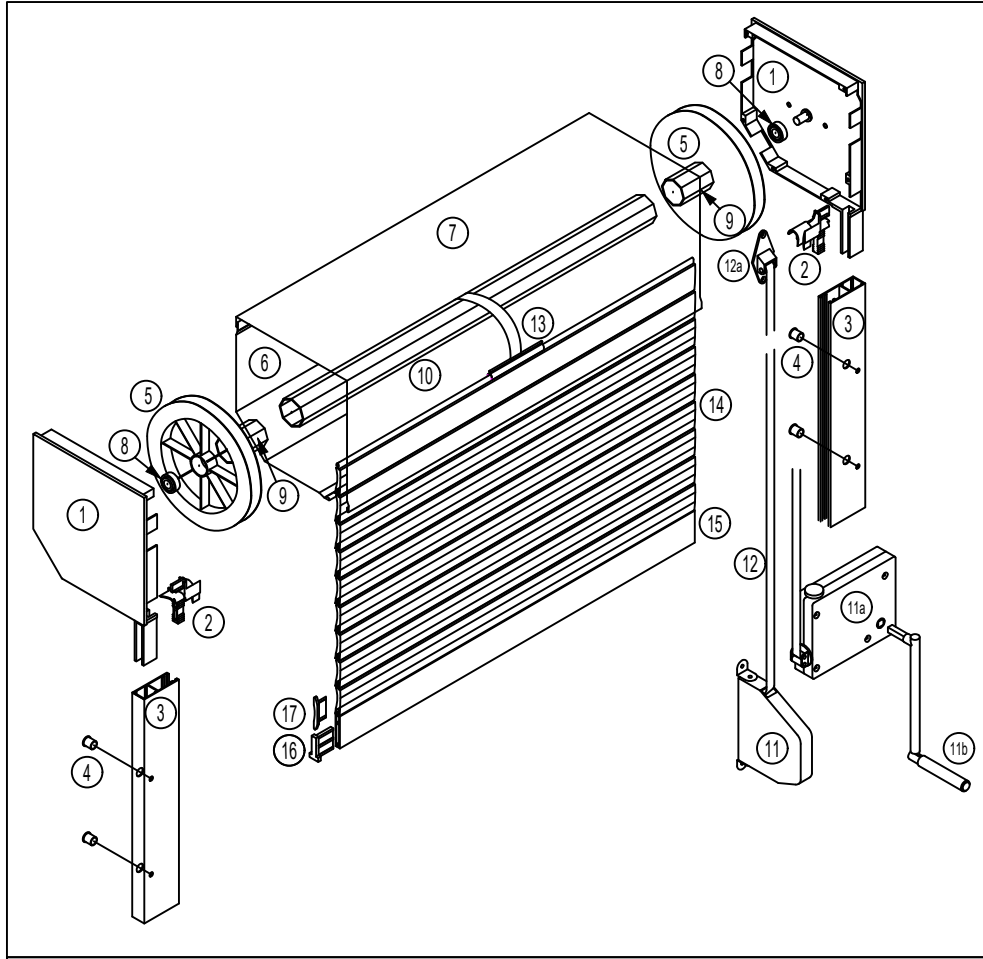
OPTION: UNIVERSAL MOUNTED OUTSIDE AT BOTTOM OF ENCLOSURE

- | | | |
|---------------------------------|------------------------|-----------------------|
| ① Side/End Cap | ⑧ Ball Bearing | ⑮ Base Slat |
| ② Entry Guide | ⑨ Idler Insert (PVC) | ⑯ Interior Nylon Stop |
| ③ 2 1/2" Guide Rail | ⑩ 60 mm Octagonal Axle | ⑰ Side Lock |
| ④ Plug Button | ⑪ Gear Insert | ⑱ Gear |
| ⑤ Safety Plate | ⑫ Gear Connector | ⑲ Universal |
| ⑥ Housing (Front/Bottom) 6"-10" | ⑬ Springlock Hanger | ⑳ Crank Handle |
| ⑦ Housing (Top/Back) 6"-10" | ⑭ A150H Slats | ㉑ Crank Holder |

SecuraSure A150H System - GEAR OPERATED
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	NAME	DATE	PROJECT:
	DRAWN TRAVIS E.	2017/03/09	
	CHECKED STEFAN P.	2017/03/09	DESCRIPTION:
	APPR.	YYYY/MM/DD	SYSTEM SPECIFICATION SHEETS FOR A150H SHUTTER SYSTEM.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
ANGLES	.X ± .5	.XX ± .1	.XXX ± .03
			THIRD ANGLE PROJECTION
Copyright © 2017 Rollac V2.28.2017 ROLLAC ROLLING SHUTTERS 5331 W. ORANGE ST. PEARLAND, TX 77581 TEL: 281-485-1911 WWW.ROLLAC.COM	SIZE DWG. NO.	REV	
	A A150H	A	
SCALE: NONE	WEIGHT: XX.XLBS	10 OF 16	

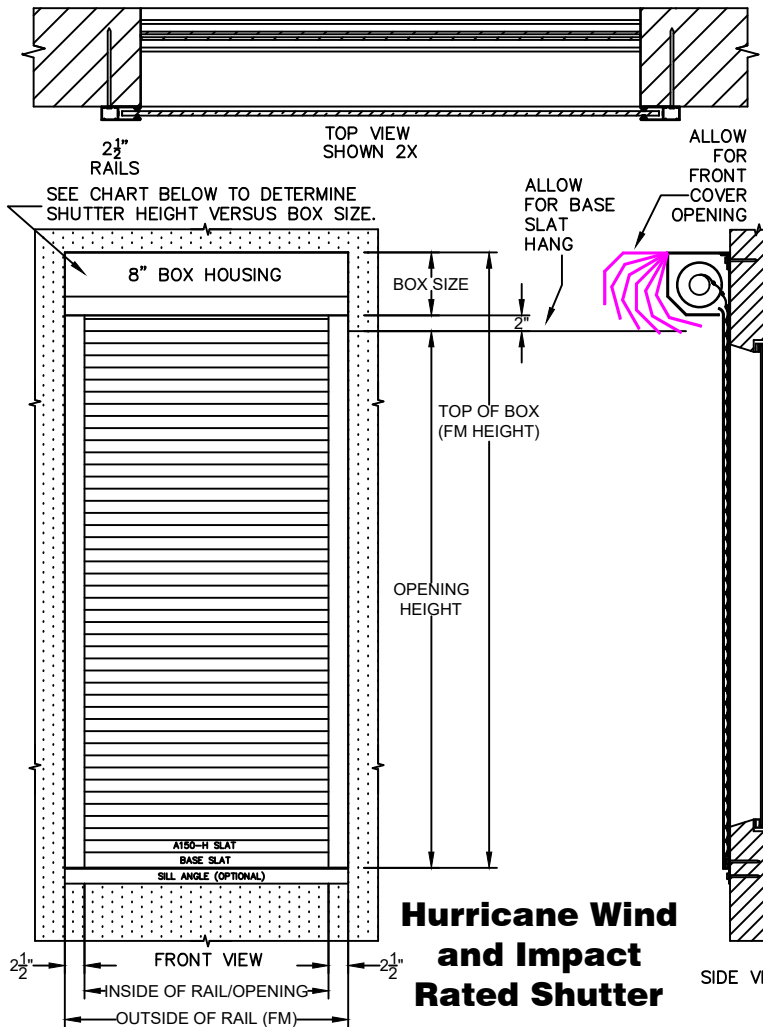
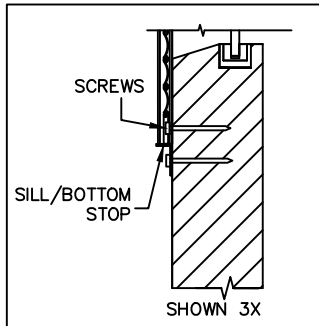
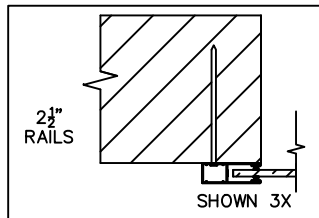
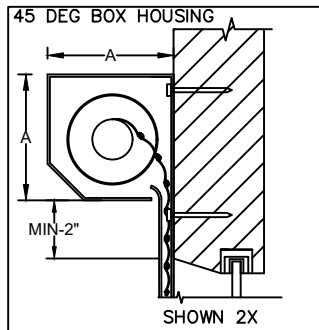
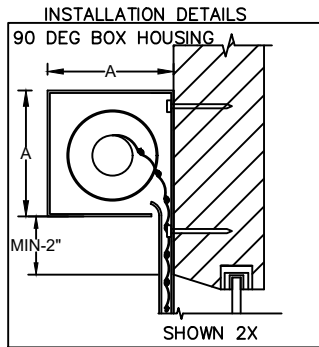
ROLLING SHUTTER TAPE LOCATION OPTIONS.



- ① Side/End Cap
- ② Entry Guide
- ③ 2 1/2" Guide Rail
- ④ Plug Button
- ⑤ Pulley (Mini) PVC
- ⑥ Housing (Front/Bottom) 6"-10"
- ⑦ Housing (Top/Back) 6"-10"
- ⑧ Ball Bearing
- ⑨ Idler Insert (PVC) - Telescopic
- ⑩ 40 mm Axle (Galvanized/Aluminum)
- ⑪ Mini Recoil Box
- ⑪a Mini Tape Crank Box (option alternative)
- ⑪b Crank Handle (option alternative)
- ⑫ Tape
- ⑫a Tape Guide
- ⑬ Springlock Hanger
- ⑭ A150H Slats
- ⑮ Base Slat
- ⑯ Interior Nylon Stop
- ⑰ Side Lock

SecuraSure A150H System - TAPE DRIVE OPERATED
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	DRAWN	TRAVIS E.	2017/03/09
	CHECKED	STEFAN P.	2017/03/09
	APPR.		YYYY/MM/DD
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			DESCRIPTION:
ANGLES ± .5 .X .XX .XXX ± .1 ± .03 ± .005			SYSTEM SPECIFICATION SHEETS FOR A150H SHUTTER SYSTEM.
THIRD ANGLE PROJECTION		SIZE DWG. NO.	REV
		A	A150H
		SCALE: NONE	WEIGHT: XX.XLBS
			11 OF 16



SecuraSure A150H SYSTEM

RECOMMENDED OPENING WIDTH 2' - 8' (WITH MOTOR 3' - 8')
RECOMMENDED OPENING HEIGHT MANUAL 2' - 8' MOTOR 2' - 8'
RECOMMENDED MAXIMUM USAGE 120 SQ. FT.
CURTAIN WEIGHT 1.12 lbs./sq ft.
PROFILE HEIGHT 1.57"
SYSTEM WEIGHT 2X CURTAIN WEIGHT

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<p>APPLICATIONS FOR THE SecuraSure A150H SYSTEM</p> <p>RESIDENTIAL SECURITY</p> <p>COMFORT, SOLAR SHADING</p> <p>HURRICANE PROTECTION</p>	<p>SecuraSure A150H System Specification</p>	
	<p>OPERATOR OPTIONS;</p> <p>TAPE GEAR MOTOR MOTOR/OVERRIDE</p>	<p>WIND AND IMPACT RATED</p> <p>FLORIDA BUILDING CODE FL16135.1</p> <p>TEXAS DEPARTMENT OF INSURANCE SHU 63</p>

SecuraSure A150H System - Housing Size(A) Versus FM Height of Shutter.

A150H	FM Height ft.	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
	Housing Size(A) in.	6	6	6.5	6.5	6.5	7	8	8	8	8	8	8	8	9	9	9
	Rail Size in.	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5



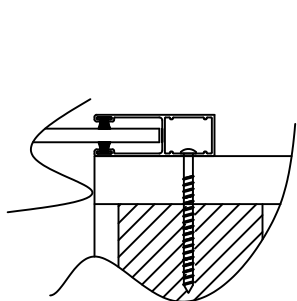
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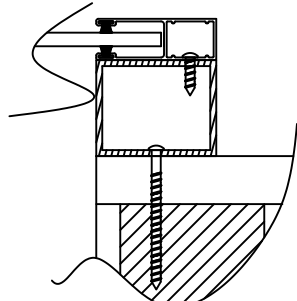
NAME	DATE
DRAWN TRAVIS E.	2017/03/09
CHECKED STEFAN P.	2017/03/09
APPR.	YYYY/MM/DD
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
ANGLES	XX .XX .XXX
± .5	± .1 ± .03 ± .005
<p>THIRD ANGLE PROJECTION</p>	

PROJECT:	DESCRIPTION:
	SYSTEM SPECIFICATION SHEETS FOR A150H SHUTTER SYSTEM.
SIZE DWG. NO.	REV
A	A150H A
SCALE: NONE	WEIGHT: XX.XLBS
	12 OF 16

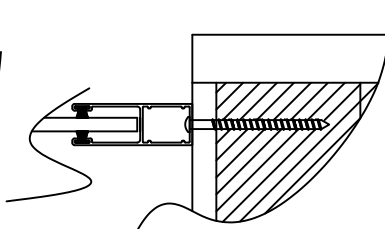
STANDARD RAIL MOUNTING OPTIONS



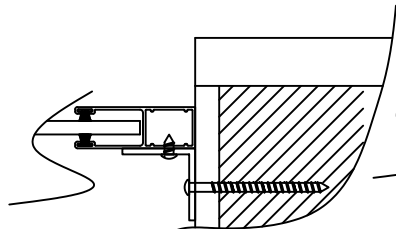
Flush Mount
"A" Type Rails



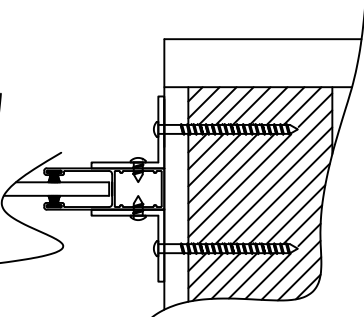
Build Out Mount
"A" Type Rails



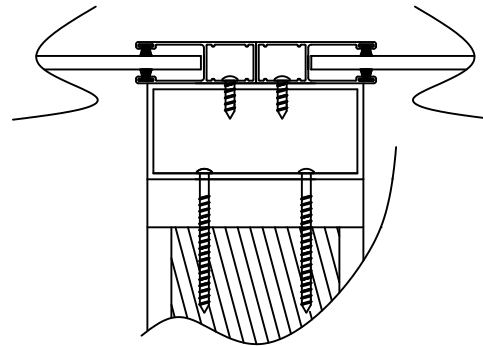
Inside Jamb
Throat Drill Mount
"A" Type Rails



Inside Jamb
"A" Type Rails
Angle Attachment

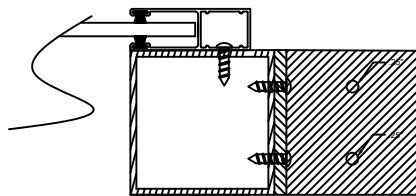


Inside Jamb Mount
"A" Type Rails
Dual Angle Attachment

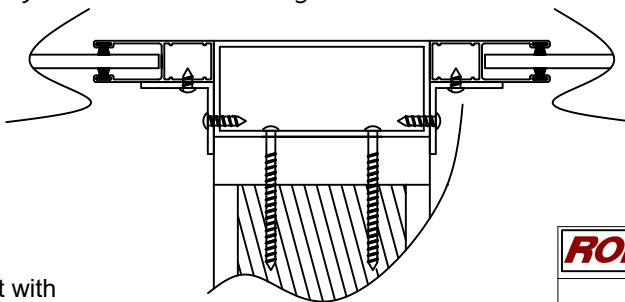


Build Out Mount
Two "A" Type Rails

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3 Inch X 3 Inch Clip.
Mounted to 3 Inch X 3 inch Build Out with rails attached. Use one clip at floor and ceiling for each rail to mount shutter when no other mounting options are available. Other sizes are available.



Mount Two "A" Type Rails
Flush On Build Out With Angles

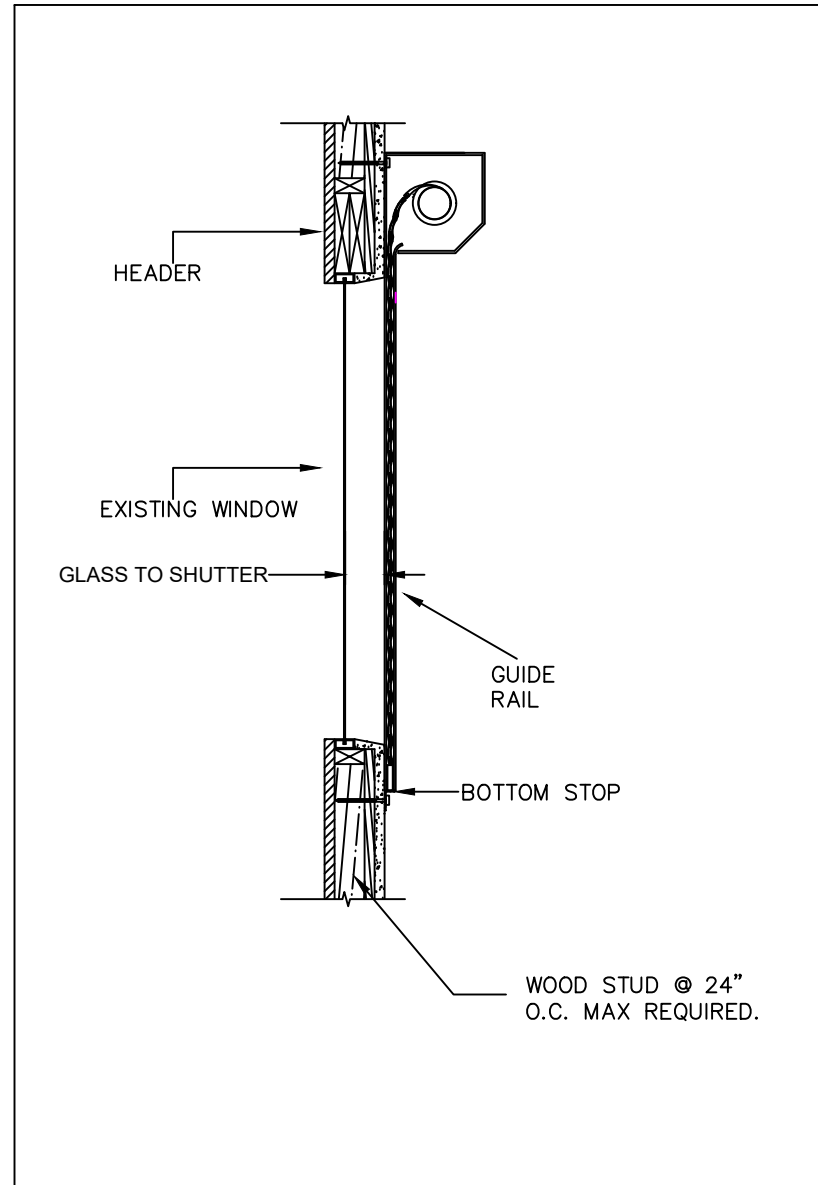
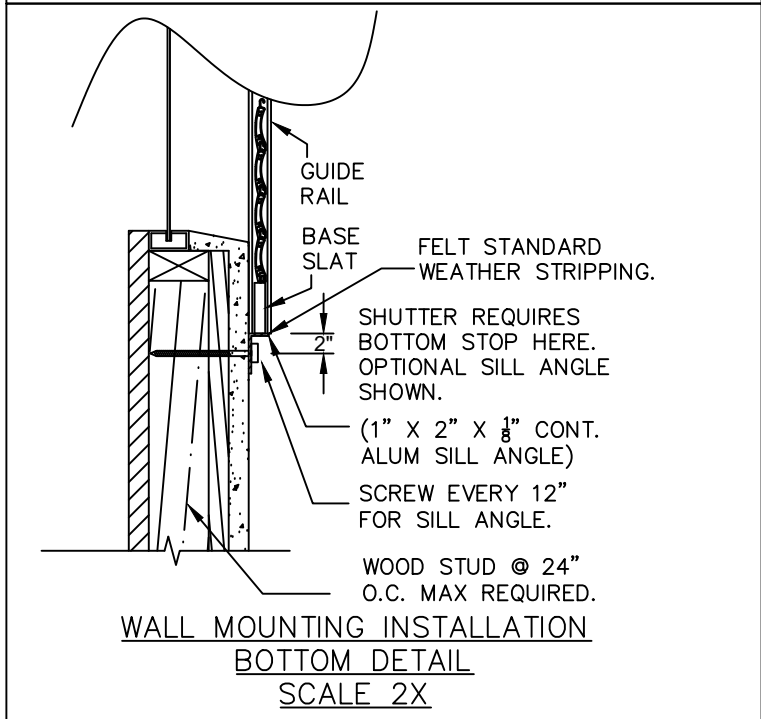
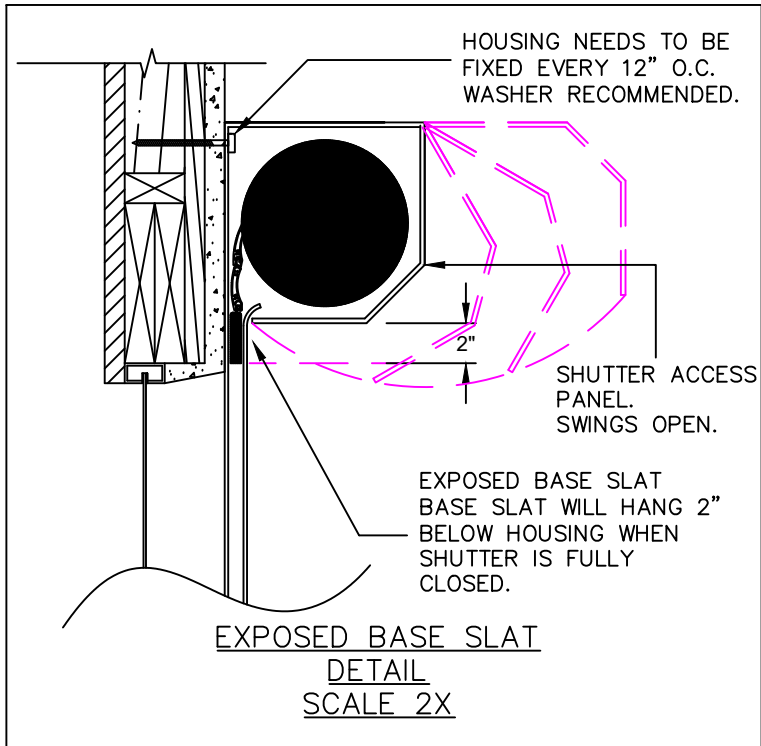


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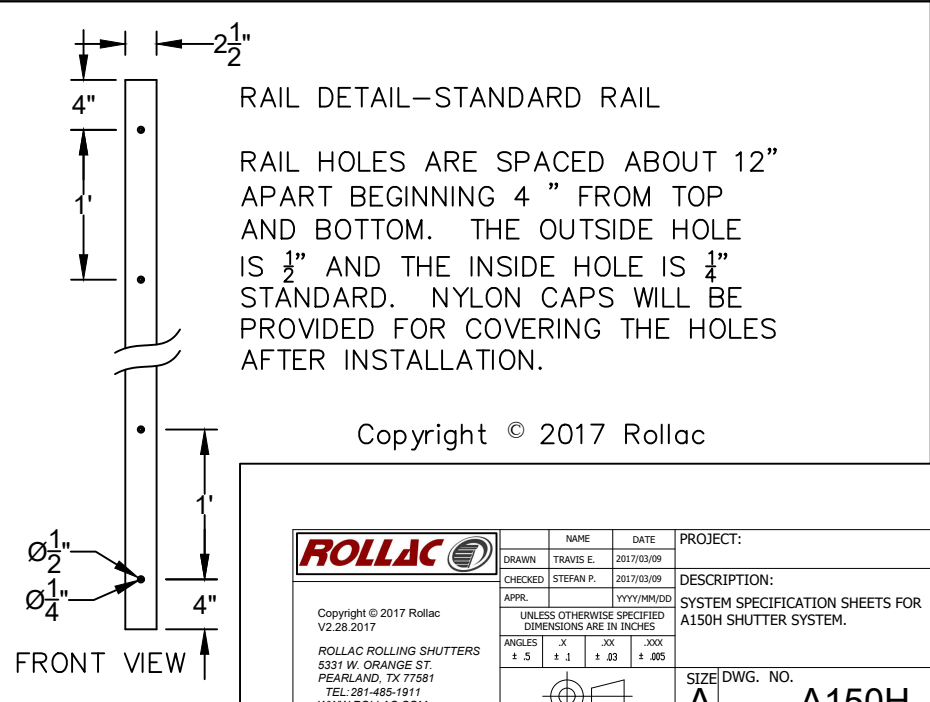
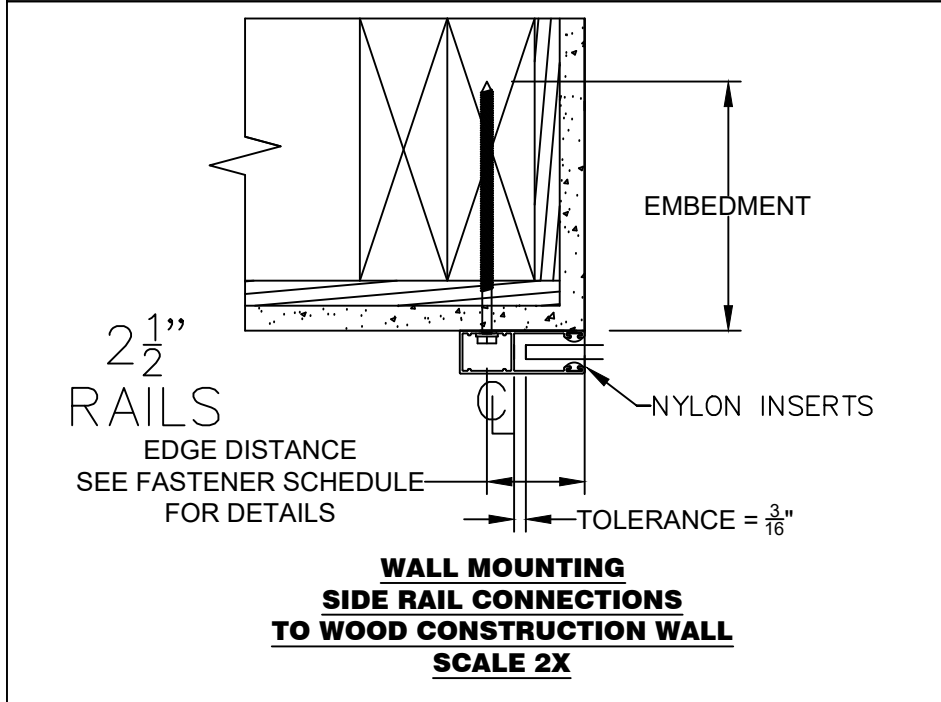
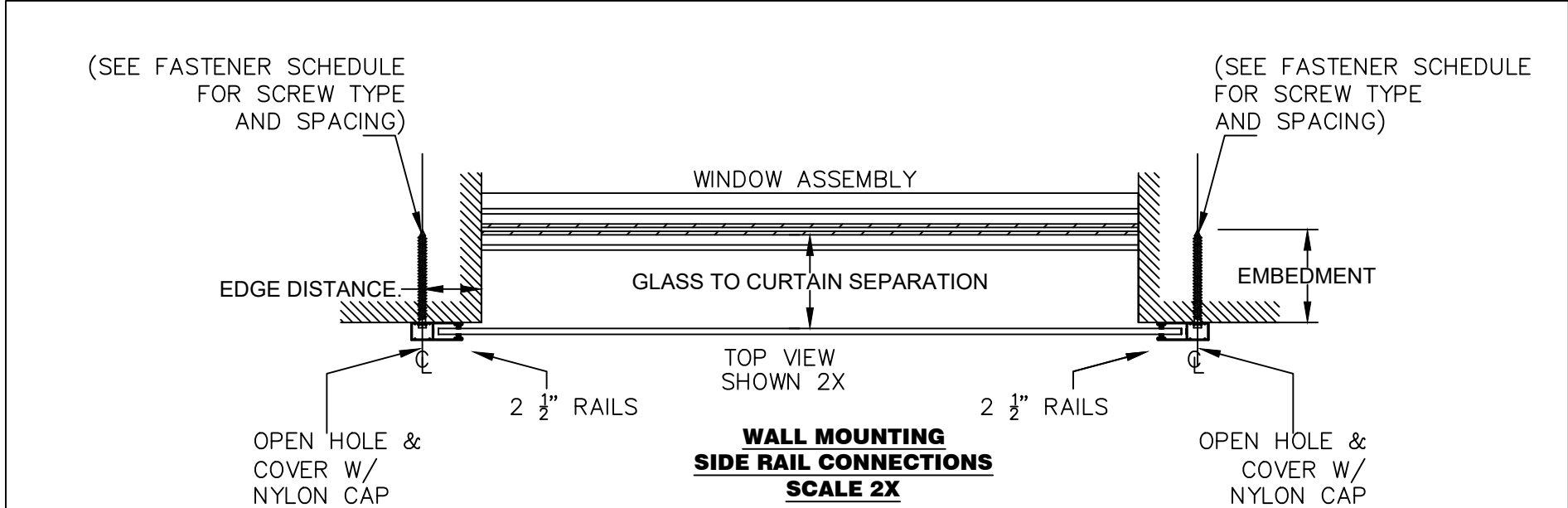
DRAWN	NAME	DATE
CHECKED	STEFAN P.	2017/03/09
APPR.		YYYY/MM/DD
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
ANGLES	.X	.XX
	± .5	± .005
 THIRD ANGLE PROJECTION		

PROJECT:	
DESCRIPTION: SYSTEM SPECIFICATION SHEETS FOR A150H SHUTTER SYSTEM.	
SIZE DWG. NO.	REV
A	A
SCALE: NONE	WEIGHT: XX.XLBS
13 OF 16	



ROLLAC		NAME	DATE	PROJECT:
DRAWN	TRAVIS E.	2017/03/09		DESCRIPTION: SYSTEM SPECIFICATION SHEETS FOR A150H SHUTTER SYSTEM.
CHECKED	STEFAN P.	2017/03/09		
APPR.		YYYY/MM/DD		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				SIZE DWG. NO. REV A A150H A
ANGLES	± .5	± .1	± .03	
THIRD ANGLE PROJECTION				SCALE: NONE WEIGHT: XX.XLBS 14 OF 16

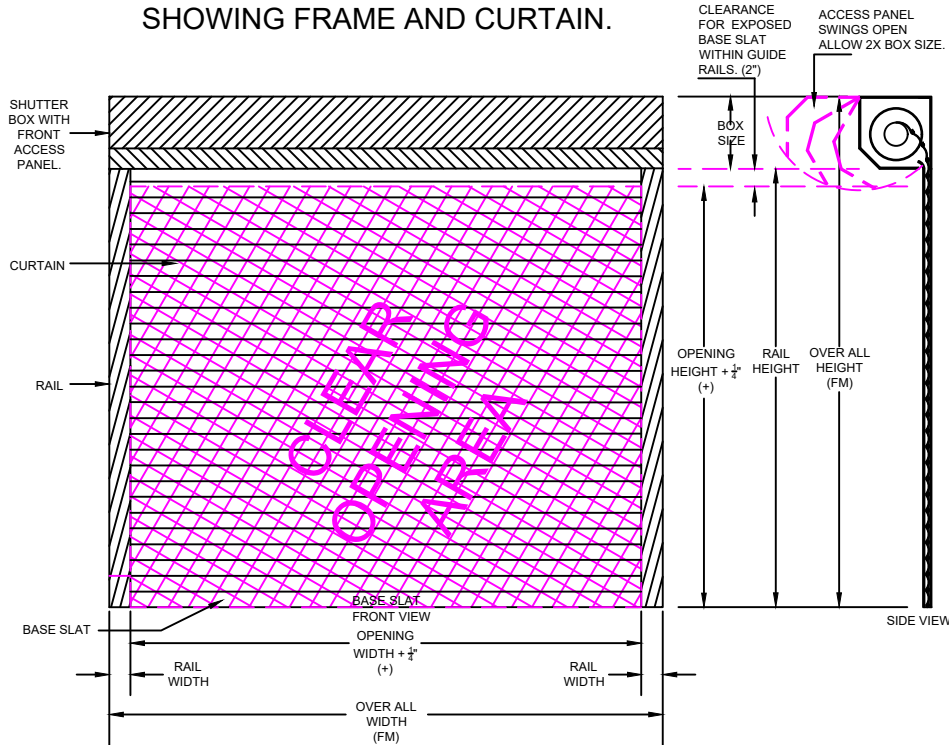
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	CHECKED	TRAVIS E.	2017/03/09	DESCRIPTION: SYSTEM SPECIFICATION SHEETS FOR A150H SHUTTER SYSTEM.
	APPR.	STEFAN P.	2017/03/09	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				SIZE DWG. NO.
ANGLES	± .5	° X ± .1	° XX ± .03	° XXX ± .005
<p>THIRD ANGLE PROJECTION</p>				SCALE: NONE WEIGHT: XX.XLBS
				REV A
				15 OF 16

COMMON TERMS USED FOR ROLLING SHUTTERS

MEASUREMENT AND PLANNING GUIDE FOR ROLLING SHUTTERS SHOWING FRAME AND CURTAIN.



Measuring for rolling shutters is easy once you know what issues to consider

1) Consider the way a rolling shutter will need to be installed. Is the area free of obstruction or will you need to fit the shutter within a certain space?

The answer to this question will tell you whether you should use a plus (+) measurement or FM measurement.

2) Consider the height of the shutter. The taller the shutter, the larger the box size. In addition to the added height for the box, some space should be allowed for the base slat of a fully open shutter in order to keep the view from inside unobstructed.

3) Consider the width of the shutter. Adding either 5 inches for mini rails or 6 inches for maxi rails is a good general rule to follow. Keep in mind,

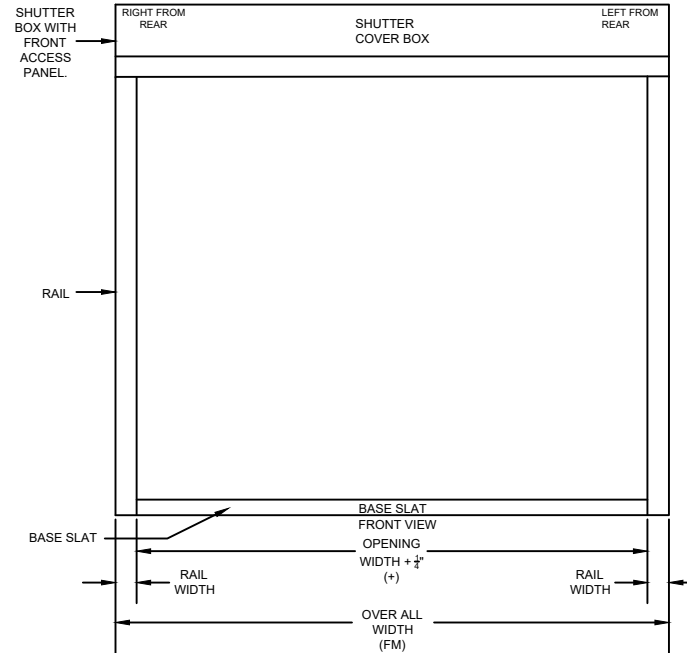
however, that this is only a guideline, and technical changes may be made when necessary.

4) Consider how power is supplied to the shutter and the location of any control switches. Consider Tape or Crank placement if manual.

If you have any questions about this measuring and planning guideline, please don't hesitate to contact us at (281)485-1911 or at Sales@rollac.com.

SHUTTER SYSTEM FRAME

SHUTTER SYSTEM FRAME



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	NAME	DATE	PROJECT:			
	DRAWN TRAVIS E.	2017/03/09	DESCRIPTION: SYSTEM SPECIFICATION SHEETS FOR A150H SHUTTER SYSTEM.			
	CHECKED STEFAN P.	2017/03/09				
	APPR.	YYYY/MM/DD				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			SIZE DWG. NO.			
ANGLES	± .5	± .1	± .03	± .005	 THIRD ANGLE PROJECTION	REV
Copyright © 2017 Rollac V2.28.2017 ROLLAC ROLLING SHUTTERS 5331 W. ORANGE ST. PEARLAND, TX 77581 TEL: 281-485-1911 WWW.ROLLAC.COM						A
SCALE: NONE			WEIGHT: XX.XLBS	16 OF 16	A150H	



Experience Technology Higher Standards

Since 1982, Rollac has operated with a vision of quality, service, and modern technology to produce the best possible product for our customers. Each product is custom manufactured for every single job to ensure the best fit and finish. Regardless if you are looking to enhance security, add comfort to a space, or seek protection from the elements, Rollac has the solution for your home or work environment.

ROLLAC 

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Pearland, TX 77581

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phone 281.485.1911
fax 281.485.0839

