

NOTES:

1. GLAZED LITE OPTIONS IN ALUMINUM FRAMES (DETAIL E):
 - .25 POLYCARBONATE
 - TALLEST LITES: MIN .25 POLYCARBONATE
 - CLEAR OPENING SIZE: MAX WD=34"; MAX HT=9"
 - (14) MIN QTY SCREWS #8X1
 - DECORATIVE TRIM INSERTS ALLOWED.
 - (1) GLAZING SECTION ALLOWED IN TOP SECTION.
 - IMPACT RESISTANT
2. WOOD DOOR STOP SECURED WITH 6D NAILS A MAXIMUM OF 6" O.C. MUST OVERLAP TOP AND BOTH ENDS OF PANELS MINIMUM 7/16" TO MEET NEGATIVE PRESSURES.
3. SLIDE LOCKS, OR LOCK BAR LOCK REQUIRED.
4. FACER STEEL TO HAVE A MINIMUM 27 GA THICKNESS AND BACKER STEEL TO HAVE A MINIMUM 29 GA THICKNESS.
5. A 4-1/2" x 6" x 21 GA BACKER PLATE IS TO BE LOCATED AT EVERY INTERMEDIATE AND OUTER END HINGE LOCATION.
6. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.
7. DOOR JAMB TO BE MINIMUM 2x6 SOUTHERN PINE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.
8. COMPLIES WITH THE REQUIREMENTS OF IBC/IRC 2018 AND 2021.
9. PROFESSIONAL ENGINEER SEAL PROVIDED ONLY FOR VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.

13 GA HORIZ ANGLE

13 GA FLAG ANGLE

16 GA MIN HORIZ TRACK

5/16x1-5/8" LAG SCREWS (MIN 3 AS SHOWN)

15 GA MIN VERT TRACK

5/16x1-5/8" LAG SCREW AT EACH JAMB BRACKET

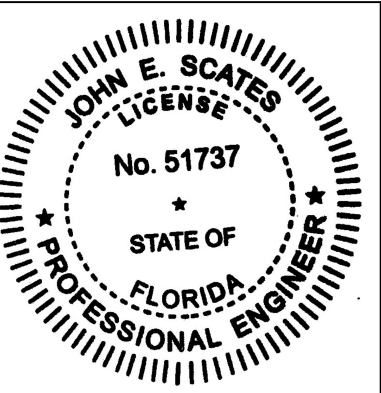
1/4-20x9/16" TRACK BOLT AND 1/4-20 HEX NUT AT EACH JB-US JAMB BRACKET LOCATION

(2) SLIDE LOCKS OR LOCK BAR LOCKS ONE ON EACH END. SLIDE LOCK SHOWN FOR CLARITY

16 GA JAMB BRACKETS. SEE SCHEDULE FOR QUANTITY AND LOCATION.

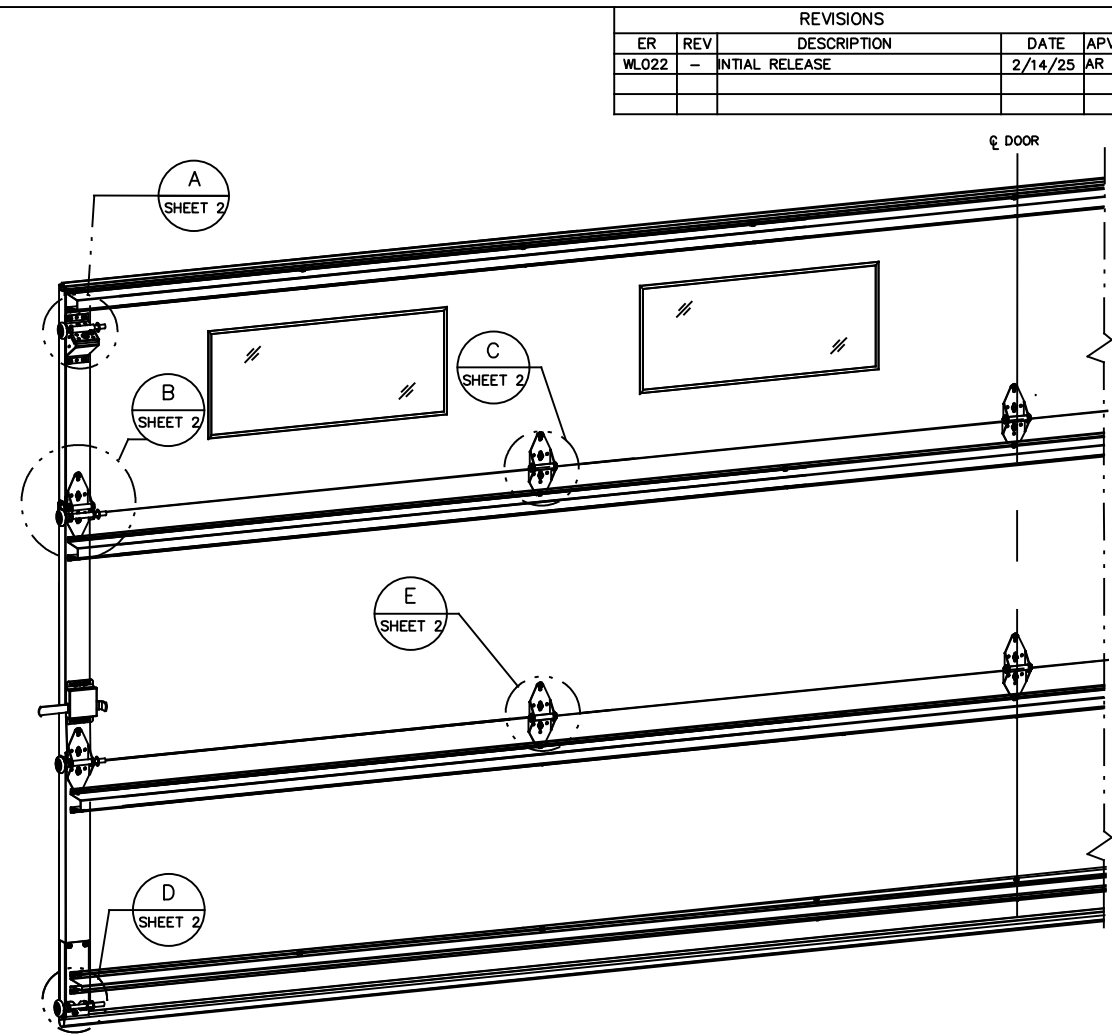
SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE		
DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
17'-0"	ALL	+255.0/-284.7
18'-0"	ALL	+270.0/-301.5

NOTE: (3) SECTION DOOR SHOWN. SEE SHEET 2 FOR U-BAR LOCATIONS ON DOORS WITH OTHER SECTION QUANTITIES.



Digitally signed by John E Scates
Date: 2025.02.13 12:19:09 -06'00'

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REVISIONS				
ER	REV	DESCRIPTION	DATE	APVL
WL022	-	INITIAL RELEASE	2/14/25	AR

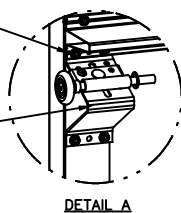
JAMB BRACKET SCHEDULE				
DOOR HEIGHT	NO. OF SECTIONS	NO. OF JAMB BRACKETS (EACH JAMB)	TRACK TYPE	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")
7'-0"	3	6	FAT	2"(JB), 10"(JB), 26"(JB), 42"(JB), 53"(JB), 63"(JB)
8'-0"	4	8	FAT	2"(JB), 10"(JB), 22"(JB), 30"(JB), 48"(JB), 57"(JB), 66"(JB), 76"(JB)
> 8'-0"				SEE NOTE BELOW

NOTE: (JB-US) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH 1/4-20x9/16" TRACK BOLT AND NUT AS SHOWN ABOVE.
ALL DOORS GREATER THAN 8' IN HEIGHT REQUIRE USE OF CONTINUOUS WALL ANGLE. SEE SUPPLEMENT TRACK CHART FOR DETAILS.

 Wayne Dalton™ GARAGE DOORS™ DIVISION OF OVERHEAD DOOR CORP 3395 ADDISON DRIVE PENSACOLA, FLORIDA 32514 (850) 474-9890	STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
	DESIGN (PSF): +30.0/-33.5		MAX WIDTH: 18'-0"		DATE		NAME	
	TEST (PSF): +45.0/-50.3		MAX HEIGHT: 14'-0"		DRAWN 1/6/25		AR	
	IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 28"		CHECKED			
	MODELS 8670/8310					SHEET 1 OF 4		
WINDLOAD SPECIFICATION OPTION CODE 0565					DRAWING PART NO. 412634		REV. -	

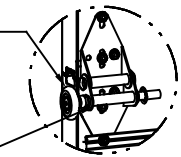
12 GA ROLLER SLIDE ATTACHED TO BRACKET WITH 5/16-18 BOLT & NUT IN CENTER SLOT AND 1/4-20x9/16" TRACK BOLT & 1/4-20 HEX NUT THROUGH ANY TWO ALIGNING HOLES

12 GA COMMERCIAL 'A' FRAME TOP BRACKET ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS



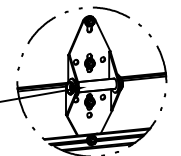
DETAIL A

2" STEEL ROLLER WITH 5-1/4" 1144 STEM. OPTIONAL NYLON, 10/11-BALL BEARING ROLLER AVAILABLE. 7/16" PUSH NUT AT EACH ROLLER LOCATION LOCATED AT THE END OF THE BRACKET OR HINGE (1/4" MAX BETWEEN PUSH NUT AND OUTER HINGE).



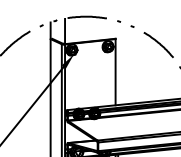
DETAIL B

11 GA WIDE BODY END HINGE ATTACHED WITH (6) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS



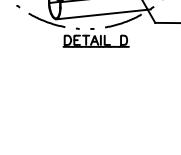
DETAIL C

14 GA WIDE BODY INTERMEDIATE HINGE ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS



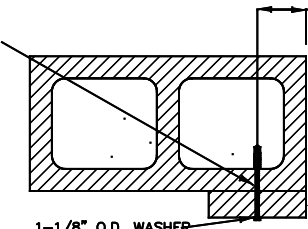
DETAIL D

14 GA BOTTOM BRACKET ATTACHED WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS AND (1) 1/4-14x5/8" SELF DRILLING TAMPER RESISTANT SCREW



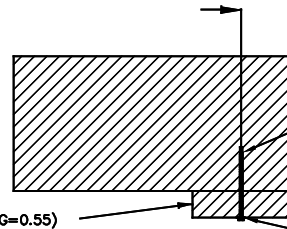
DETAIL E

3/8" DIA. SIMPSON TITEN HD FASTENER, MAX. OF 16" O.C., 2-3/4" MIN. EMBED INTO MIN. 2000 PSI GROUT FILLED CMU, MIN. 4" EDGE DISTANCE



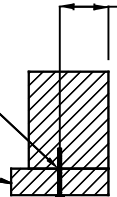
WOOD MOUNTED TO GROUT FILLED MASONRY BLOCK DETAIL

3/8" DIA. SIMPSON TITEN HD FASTENER, MAX. OF 24" O.C., 2-3/4" MIN. EMBED INTO MIN. 2500 PSI CONCRETE, MIN. 3" EDGE DISTANCE



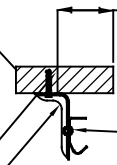
WOOD MOUNTED TO 2500 PSI CONCRETE DETAIL

3/8" X 3" LAG SCREW, WITH 1-1/8" WASHER, MAX. OF 24" O.C., MIN. 2-3/4" EDGE DISTANCE



WOOD MOUNTED TO #3 SOUTHERN PINE SUBSTRATE

2X6 #3 SP (S.G.=0.55) OR BETTER
5/16" X 1-5/8" LAG SCREW INTO MIN 2X6 #3 SP (S.G.=0.55) OR BETTER. (SEE DOOR ELEVATION ON SHEET 1 FOR HOLE LOCATIONS)



MOUNTING TO WOOD JAMB DETAIL

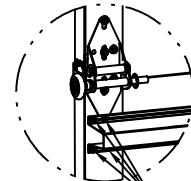
1/4-20 X 9/16" TRACK BOLT AND 1/4-20 HEX NUT

16 GA JAMB BRACKET



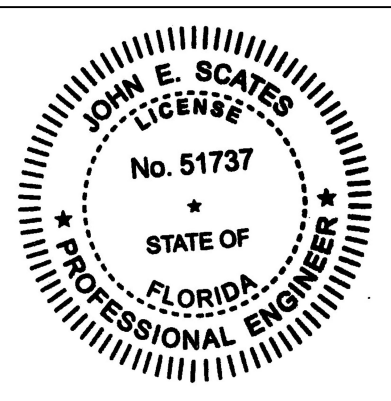
DETAIL F

STRUT ATTACHED WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS AT EACH HINGE LOCATION AND (2) BETWEEN EACH INTERMEDIATE HINGE FOR EACH STRUT



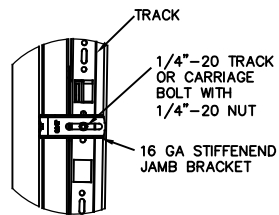
DETAIL G

STRUT ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS AT EACH END CAP LOCATIONS.

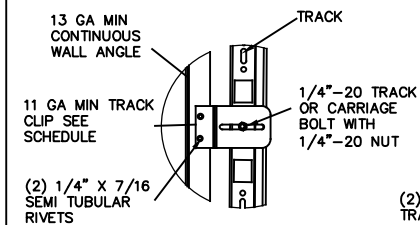


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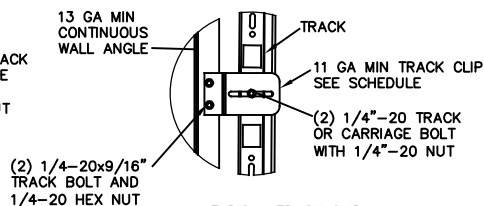
STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+30.0/-33.5	MAX WIDTH:	18'-0"		DATE	NAME	
TEST (PSF):	+45.0/-50.3	MAX HEIGHT:	14'-0"	DRAWN	1/6/25	ar	
IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 28"		CHECKED			
MODELS 8670/8310				SHEET 2 OF 4			
WINDLOAD SPECIFICATION OPTION CODE 0565				DRAWING PART NO.		REV.	
				412634		—	



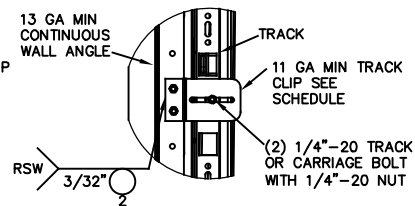
TYPICAL TRACK AND JAMB FASTENERS DETAIL



TYPICAL TRACK CLIP RIVETING DETAIL



TYPICAL TRACK CLIP BOLTING DETAIL



TYPICAL TRACK CLIP SPOT WELDING DETAIL

DETAIL M
SCALE 1 : 4

OPTIONAL WALL ANGLE TRACK

U-BAR LOCATIONS

(7) SECTION DOORS
WITH (1) 3" 18 GA
80 KSI U-BARS,
AND (7) 4" 16 GA
80 KSI U-BARS
LOCATED AS SHOWN

(6) SECTION DOORS
WITH (1) 3" 18 GA
80 KSI U-BARS,
AND (6) 4" 16 GA
80 KSI U-BARS
LOCATED AS SHOWN

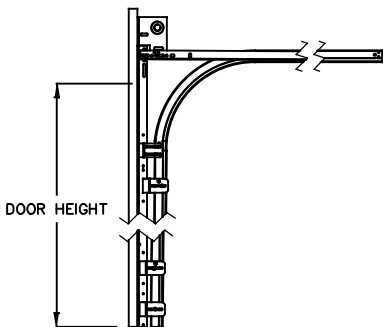
(5) SECTION DOORS
WITH (1) 3" 18 GA
80 KSI U-BARS,
AND (5) 4" 16 GA
80 KSI U-BARS
LOCATED AS SHOWN

(4) SECTION DOORS
WITH (1) 3" 18 GA
80 KSI U-BARS,
AND (4) 4" 16 GA
80 KSI U-BARS
LOCATED AS SHOWN

(3) SECTION DOORS
WITH (1) 3" 18 GA
80 KSI U-BARS,
AND (3) 4" 16 GA
80 KSI U-BARS
LOCATED AS SHOWN

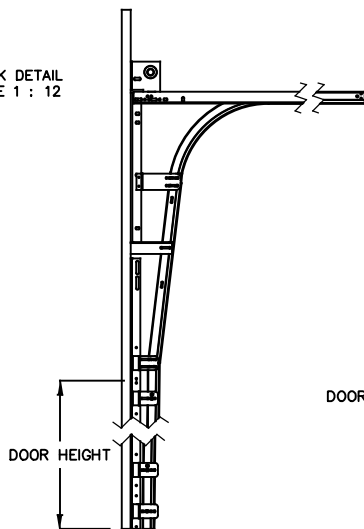
ATTACH U-BAR WITH (1)
1/4-14x7/8" SELF DRILLING
CRIMPTITE SCREW AT EACH HOLE
LOCATION. THERE SHALL BE A TOTAL
OF (22) SCREWS PER U-BAR.

NOTE: U-BARS LOCATED AT THE TOP OF
THE SECTION SHALL BE PLACED ON TOP
OF THE BOTTOM HINGE LEAFS AS SHOWN
(NOT APPLICABLE TO TOP SECTION)
(SEE DETAIL E)

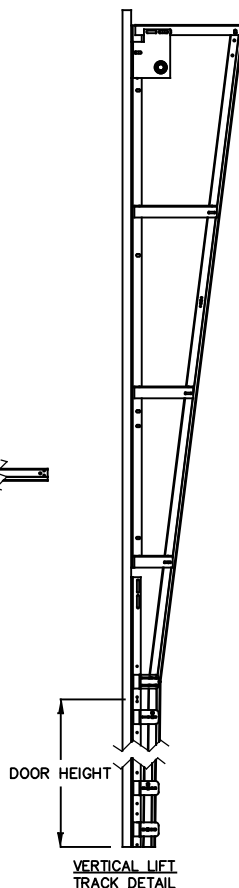


STANDARD LIFT
TRACK DETAIL

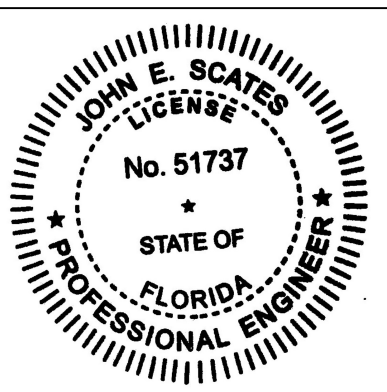
TRACK DETAIL
SCALE 1 : 12



HIGH LIFT
TRACK DETAIL



VERTICAL LIFT
TRACK DETAIL

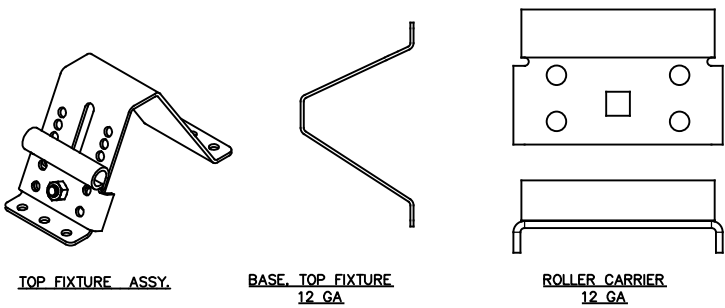


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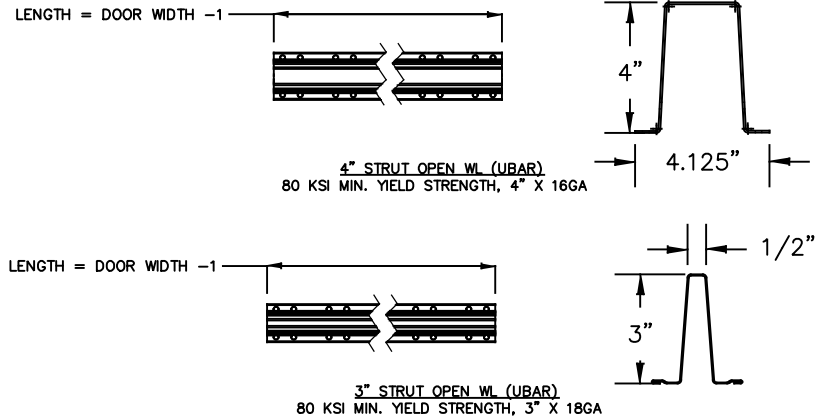
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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+30.0/-33.5	MAX WIDTH:	18'-0"	DATE	1/6/25	NAME	AR
TEST (PSF):	+45.0/-50.3	MAX HEIGHT:	14'-0"	DRAWN			
IMPACT/CYCLIC RATED (YES/NO):	YES	MAX SECTION HEIGHT: 28"	CHECKED				
MODELS 8670/8310				SHEET 3 OF 4			
WINDLOAD SPECIFICATION OPTION CODE 0565				DRAWING PART NO. 412634		REV. —	

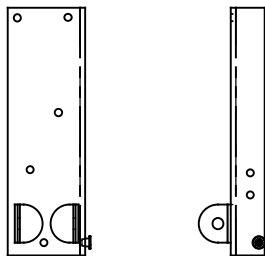
NOTES: (UNLESS OTHERWISE SPECIFIED)
1. FOR DIMENSIONS AND NOTE REFERENCES, REFER TO INDIVIDUAL DRAWINGS.



TOP FIXTURE DETAILS

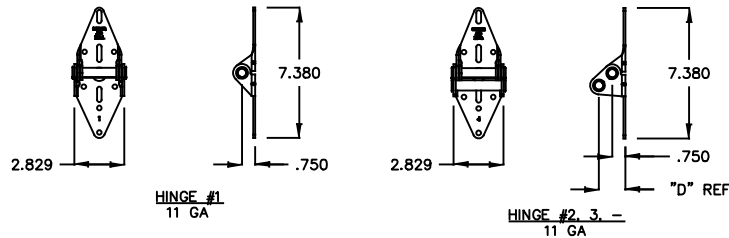


STRUT DETAILS

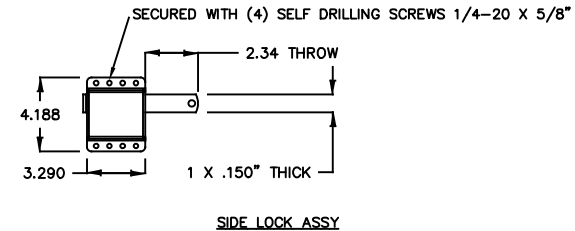


BOTTOM FIXTURE, BB-12
12 GA

BOTTOM FIXTURE DETAILS

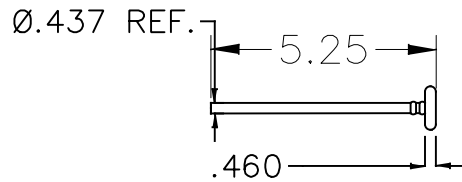


END HINGE DETAILS

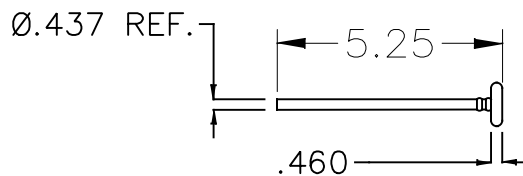


SIDE LOCK ASSY

LOCK DETAILS

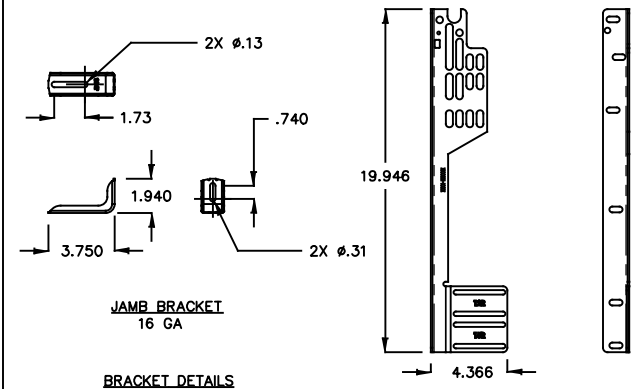


ROLLER ASSY. 2" (STEEL 1144 ROLLER)
10-BALL



ROLLER ASSY. 2" (NYLON 1144 ROLLER)
11-BALL (WHITE)

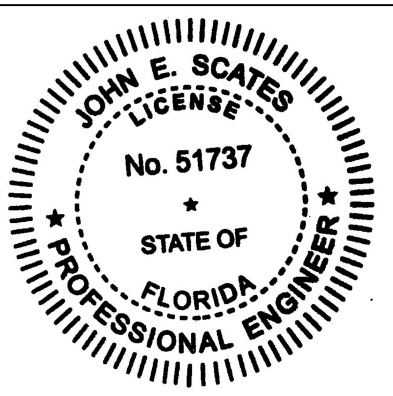
ROLLER STEM ASSY DETAILS



JAMB BRACKET
16 GA

BRACKET DETAILS

FLAG, ANGLE
13 GA



PUSHNUT DETAILS

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MODELS 8670/8310					SHEET 4 OF 4		
WINDLOAD SPECIFICATION OPTION CODE 0565					DRAWING PART NO. 412634		REV. -