

NOTES:

1. GLAZED LITE OPTIONS IN MOLDED FRAMES:

- .125 DSB TEMPERED GLASS ALLOWED
- TALLEST LITES: MIN DSB GLASS
- CLEAR OPENING SIZE: MAX WD=39"; MAX HT=19"
- (16) MIN QTY SCREWS #8X1
- DECORATIVE TRIM INSERTS ALLOWED.
- (1) GLAZING SECTION ALLOWED IN TOP SECTION.
- NOT IMPACT RESISTANT

2. VINYL OR 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.

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
12'-0"	ALL	+120.0/-138.0
14'-0"	ALL	+140.0/-161.0
16'-0"	ALL	+160.0/-184.0

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

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.

13 GA HORIZ ANGLE

13 GA FLAG ANGLE

16 GA MIN HORIZ TRACK

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

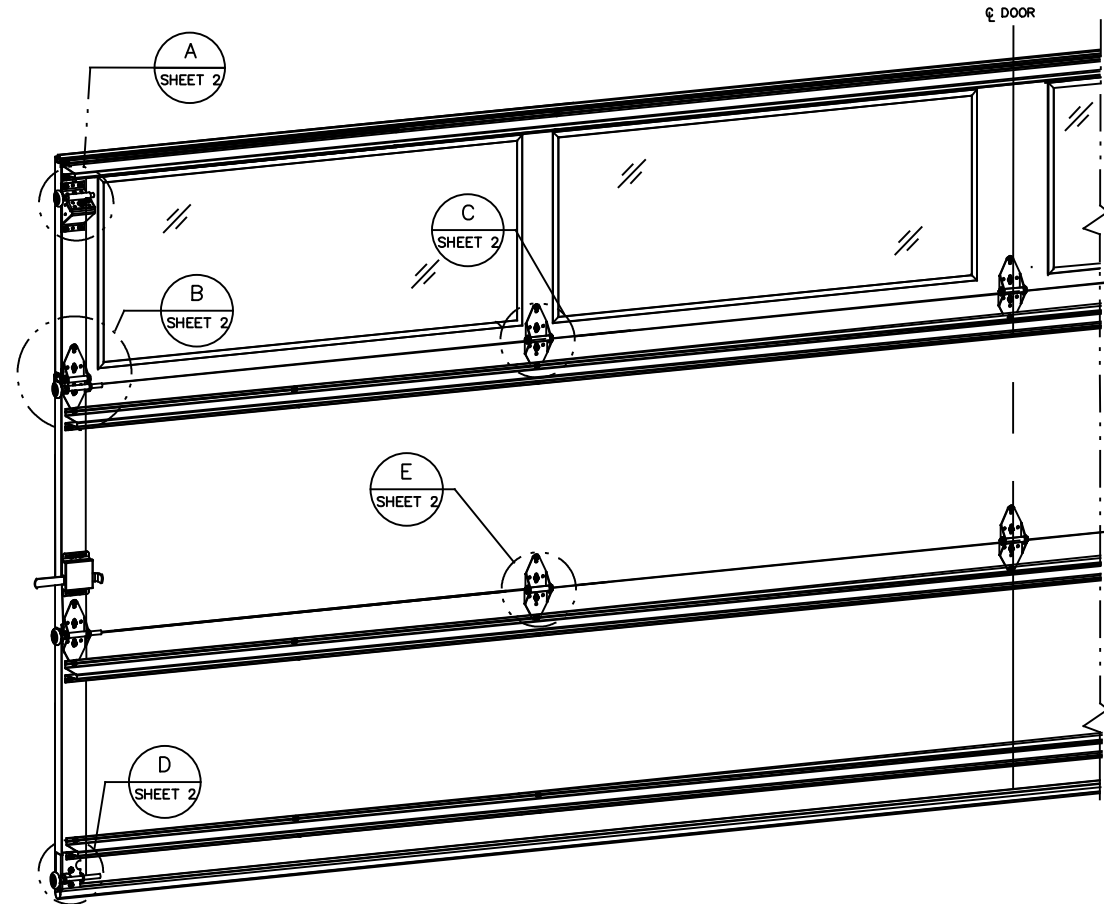
16 GA MIN VERT TRACK

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.



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	4	FAT	2" (JB), 24" (JB), 45" (JB), 65" (JB)
8'-0"	4	5	FAT	2" (JB), 23" (JB), 42" (JB), 61" (JB), 80" (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.

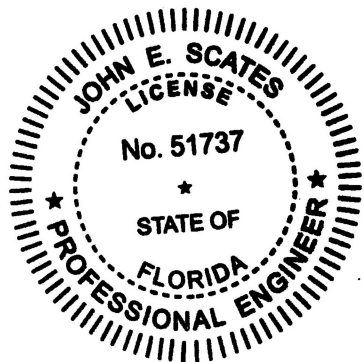
ALL DOORS GREATER THAN 8' IN HEIGHT REQUIRE USE OF CONTINUOUS WALL ANGLE. SEE SUPPLEMENT TRACK CHART FOR DETAILS.

Digitally signed by John E Scates

Date: 2025.02.13 10:56:43 -06'00'

JOHN E. SCATES, PE
8811 TEEL PKWY #100-5175
FRISCO, TX 75036
FL PE 51737

TX PE 56308 / F2203
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The Genuine. The Original.



OVERHEAD DOOR CORP
2501 S STATE HWY 121 BUS. STE 200
LEWISVILLE, TX 75067
1-800-929-DOOR

STATIC PRESSURE RATINGS

DESIGN (PSF):	+20.0/-23.0	APPROVED SIZES	MAX WIDTH: 16'-0"	SCALE: N.T.S.	SIZE: A
TEST (PSF):	+30.0/-34.5	MAX HEIGHT: 14'-0"	DRAWN	DATE	NAME
IMPACT/CYCLIC RATED (YES/NO):	NO	MAX SECTION HEIGHT: 28"	CHECKED	1/6/25	AR

MODELS 7540/5800

SHEET 1 OF 4

WINDLOAD SPECIFICATION OPTION CODE 0556

DRAWING PART NO.

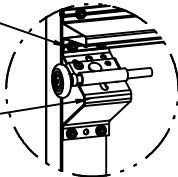
412941

REV.

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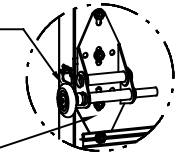
12 GA ROLLER SLIDE ATTACHED TO BRACKET WITH 5/16-18 BOLT & NUT IN CENTER SLOT AND 1/4-20x9/16" TRACK BOLT & 1/4-20 HEX NUT THROUGH ANY TWO ALIGNING HOLES

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



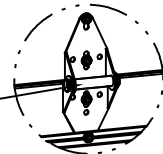
DETAIL A

2" NYLON ROLLER WITH 4-3/4" STEM OPTIONAL STEEL, 10/11-BALL BEARING ROLLER AVAILABLE.



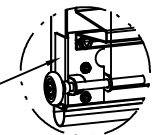
DETAIL B

13 GA WIDE BODY END HINGE ATTACHED WITH (4) 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



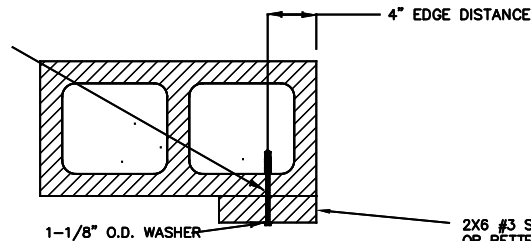
DETAIL D

14 GA BOTTOM BRACKET ATTACHED WITH (3) 1/4-14x7/8" SELF DRILLING

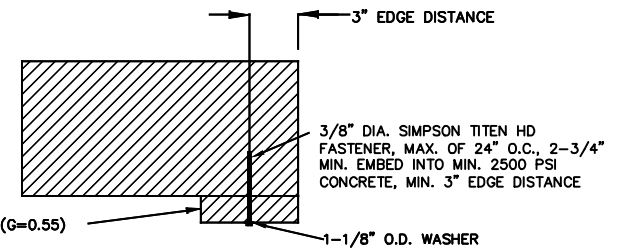


DETAIL E

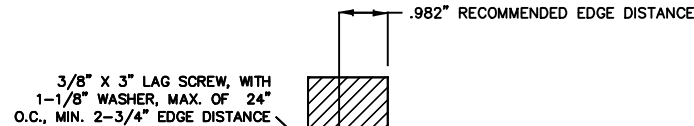
3/8" DIA. SIMPSON TITEN HD FASTENER, MAX. OF 18" O.C., 2-3/4" MIN. EMBED INTO MIN. 2000 PSI GROUT FILLED CMU, MIN. 4" EDGE DISTANCE



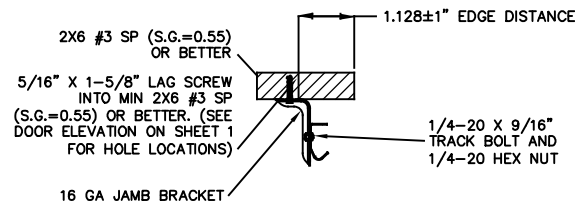
WOOD MOUNTED TO GROUT FILLED MASONRY BLOCK DETAIL



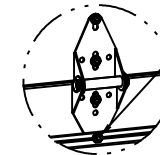
WOOD MOUNTED TO 2500 PSI CONCRETE DETAIL



WOOD MOUNTED TO #3 SOUTHERN PINE SUBSTRATE

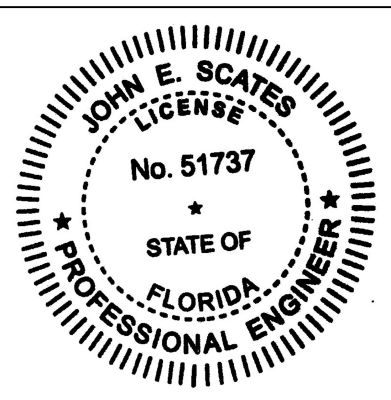


MOUNTING TO WOOD JAMB DETAIL



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 E

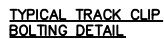


The Genuine. The Original.



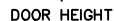
OVERHEAD DOOR CORP
2501 S STATE HWY 121 BUS. STE 200
LEWISVILLE, TX 75067
1-800-929-DOOR

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+20.0/-23.0	MAX WIDTH:	16'-0"	DATE	1/6/25	NAME	AR
TEST (PSF):	+30.0/-34.5	MAX HEIGHT:	14'-0"	DRAWN	1/6/25	REV.	—
IMPACT/CYCLIC RATED (YES/NO):	NO	MAX SECTION HEIGHT: 28"	CHECKED	SHEET 2 OF 4			
MODELS 7540/5800				DRAWING PART NO.		REV.	
WINDLOAD SPECIFICATION OPTION CODE 0556				412941		—	

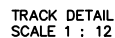


DETAIL M
SCALE 1 : 4

OPTIONAL WALL ANGLE TRACK

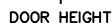


LOW HEADROOM
TRACK DETAIL



DOOR HEIGHT

HIGH LIFT TRACK DETAIL



VERTICAL LIFT TRACK DETAIL

ATTACH U-BAR WITH (1)
1/4-14x7/8" SELF DRILLING
CRIMPTITE SCREW AT EACH HOLE
LOCATION. THERE SHALL BE A TOTAL
OF (18) 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)

U-BAR LOCATIONS

(7) SECTION DOORS
WITH (8) 3" 18 GA
80 KSI U-BARS —
LOCATED AS SHOWN

(6) SECTION DOORS
WITH (7) 3" 18 GA
80 KSI U-BARS —
LOCATED AS SHOWN

(5) SECTION DOORS
WITH (6) 3" 18 GA
80 KSI U-BARS —
LOCATED AS SHOWN

(4) SECTION DOORS
WITH (5) 3" 18 GA
80 KSI U-BARS —
LOCATED AS SHOWN

(3) SECTION DOORS
WITH (4) 3" 18 GA
80 KSI U-BARS ———
LOCATED AS SHOWN



A circular professional engineer seal for John E. Scates. The outer ring contains the text "JOHN E. SCATES" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside this is a dashed circle containing the word "LICENSE" at the top, "No. 51737" in the center, and "STATE OF FLORIDA" at the bottom, also separated by two stars. The entire seal is surrounded by a series of short, parallel lines.

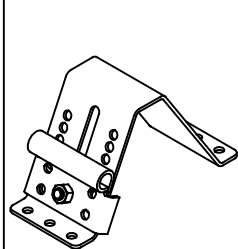
The Genuine. The Original.



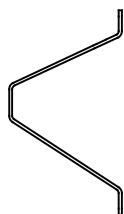
OVERHEAD DOOR CORP
2501 S STATE HWY 121 BUS, STE 200
LEWISVILLE, TX 75067
1-800-929-DOOR

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
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TEST (PSF): +30.0/-34.5		MAX HEIGHT: 14'-0"		DRAWN 1/6/25		AR	
IMPACT/CYCLIC RATED (YES/NO): NO		MAX SECTION HEIGHT: 28"		CHECKED			
MODELS 7540/5800				SHEET 3 OF 4			
WINDLOAD SPECIFICATION OPTION CODE 0556				DRAWING PART NO. 412941		REV. -	

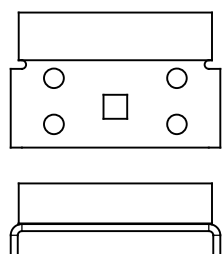
1. FOR DIMENSIONS AND NOTE REFERENCES, REFER TO INDIVIDUAL DRAWINGS.



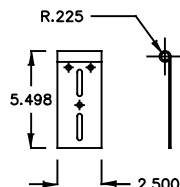
TOP FIXTURE ASSY.



BASE. TOP FIXTURE.
12 GA

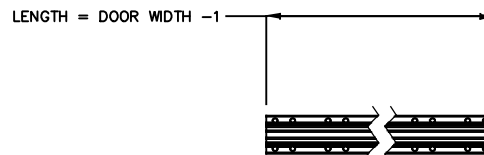


ROLLER CARRIER
12 GA

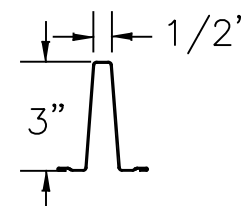


LHR (7-4)
13 GA

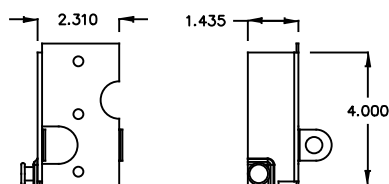
TOP FIXTURE DETAILS



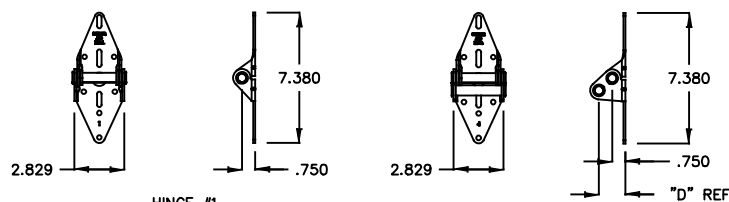
3" STRUT OPEN WL (UBAR)
80 KSI MIN. YIELD STRENGTH, 3" X 18GA



STRUT DETAILS



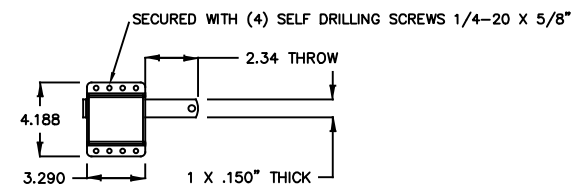
BOTTOM FIXTURE, BB-12
14 GA



HINGE #1
14 GA

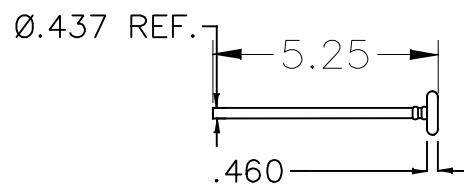
HINGE #2, 3, -
13 GA

HINGE DETAILS

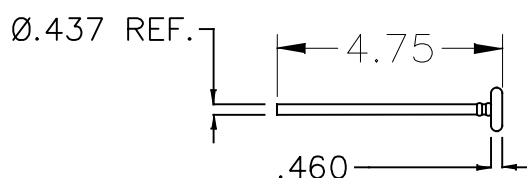


SIDE LOCK ASSY

LOCK DETAILS

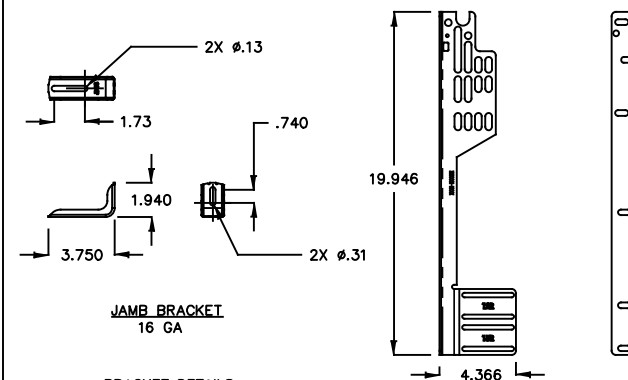


ROLLER ASSY. 2" (STEEL ROLLER)
10-BALL



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

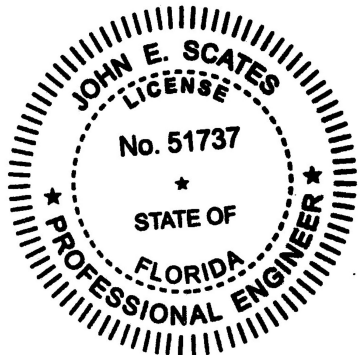
ROLLER STEM ASSY DETAILS



JAMB BRACKET
16 GA

BRACKET DETAILS

FLAG, ANGLE
13 GA



The Genuine. The Original.



OVERHEAD DOOR CORP
2501 S STATE HWY 121 BUS, STE 200
LEWISVILLE, TX 75067
1-800-929-DOOR

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
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TEST (PSF): +30.0/-34.5		MAX HEIGHT: 14'-0"		DRAWN 1/6/25		SW	
IMPACT/CYCLIC RATED (YES/NO): NO		MAX SECTION HEIGHT: 28"		CHECKED			
MODELS 7540/5800				SHEET 4 OF 4			
				DRAWING PART NO. 412941		REV. -	
WINDLOAD SPECIFICATION OPTION CODE 0556							