

NOTES:

1. GLAZED LITE OPTIONS IN MOLDED FRAMES:

.125 DSB TEMPERED GLASS ALLOWED

TALLEST LITES: MIN DSB GLASS

CLEAR OPENING SIZE: MAX WD=43"; 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.

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

15 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	+156.4/-176.8
18'-0"	ALL	+165.6/-187.2

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

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	5	FAT	2"(JB), 15"(JB), 29"(JB), 44"(JB), 62"(JB)
8'-0"	4	6	FAT	2"(JB), 14"(JB), 23"(JB), 34"(JB), 46"(JB), 68"(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 11:08:48 -06'00'

JOHN E. SCATES, PE
8811 TEEL PKWY #100-5175
FRISCO, TX 75036
FL PE 51737
TX PE 56308 / F2203
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

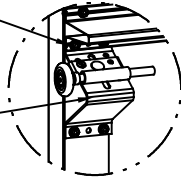
The Genuine. The Original.

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):	+18.4/-20.8	MAX WIDTH:	18'-0"	DATE	1/6/25	NAME	AR
TEST (PSF):	+27.6/-31.2	MAX HEIGHT:	14'-0"	DRAWN	1/6/25	AR	
IMPACT/CYCLIC RATED (YES/NO):	NO	MAX SECTION HEIGHT:	28"	CHECKED			
MODELS 7540/5800					SHEET 1 OF 4		
WINDLOAD SPECIFICATION OPTION CODE 0563					DRAWING PART NO. 412950		REV. -

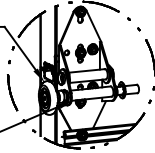
12 GA ROLLER SLIDE ATTACHED TO BRACKET WITH 5/16-18 BOLT & NUT IN CENTER SLOT AND 1/4-20x9/16" TRACK BOLT & 1/4-20 HEX NUT THROUGH ANY TWO ALIGNING HOLES

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



DETAIL A

2" STEEL ROLLER WITH 5-1/4" 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

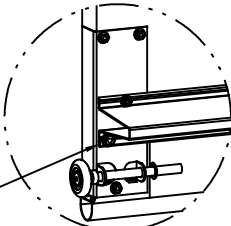
13 GA WIDE BODY END HINGE ATTACHED WITH (6) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS



DETAIL C

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

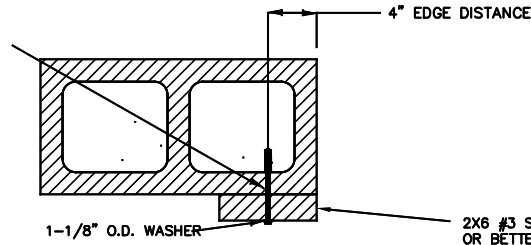
18 GA 9' J STRUT ATTACHED WITH (5) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS. ONE AT EACH HINGE AND 1 BETWEEN EACH HINGE LOCATION.



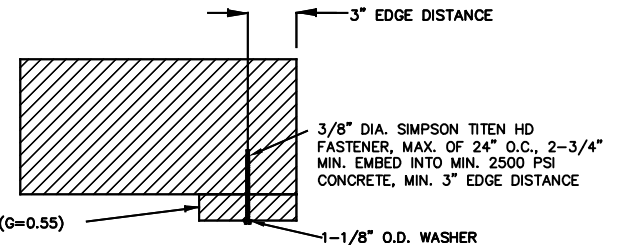
DETAIL D

14 GA BOTTOM BRACKET ATTACHED WITH (5) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS

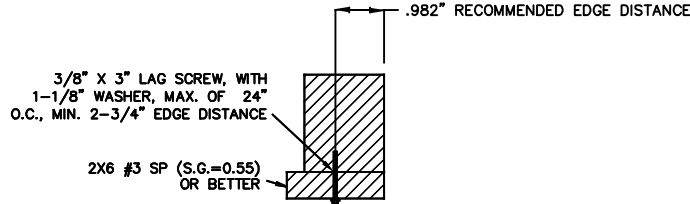
3/8" DIA. SIMPSON TITEN HD FASTENER, MAX. OF 18" O.C., 2-3/4" MIN. EMBED INTO MIN. 2000 PSI GROUT FILLED CMU, MIN. 4" EDGE DISTANCE



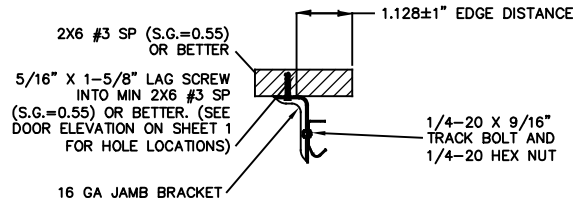
WOOD MOUNTED TO GROUT FILLED MASONRY BLOCK DETAIL



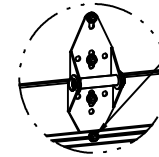
WOOD MOUNTED TO 2500 PSI CONCRETE DETAIL



WOOD MOUNTED TO #3 SOUTHERN PINE SUBSTRATE

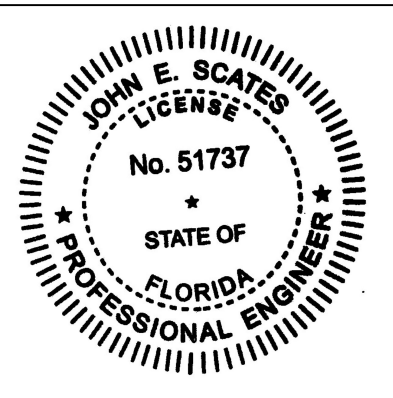


MOUNTING TO WOOD JAMB DETAIL



DETAIL E

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

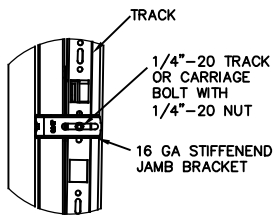


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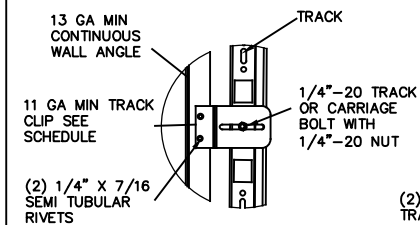


OVERHEAD DOOR CORP
2501 S STATE HWY 121 BUS. STE 200
LEWISVILLE, TX 75067
1-800-929-DOOR

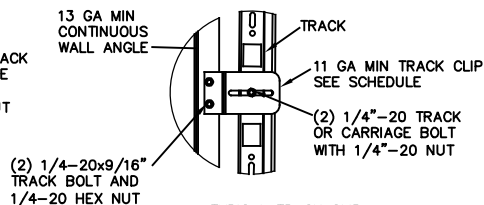
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DESIGN (PSF):	+18.4/-20.8	MAX WIDTH:	18'-0"	DATE	1/6/25	NAME	AR
TEST (PSF):	+27.6/-31.2	MAX HEIGHT:	14'-0"	DRAWN	1/6/25	CHECKED	
IMPACT/CYCLIC RATED (YES/NO):	NO	MAX SECTION HEIGHT:	28"	SHEET 2 OF 4			
MODELS 7540/5800				DRAWING PART NO.		REV.	
WINDLOAD SPECIFICATION OPTION CODE 0563				412950		-	



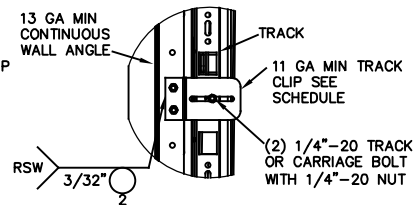
TYPICAL TRACK AND JAMB
FASTENERS DETAIL



TYPICAL TRACK CLIP
RIVETING DETAIL



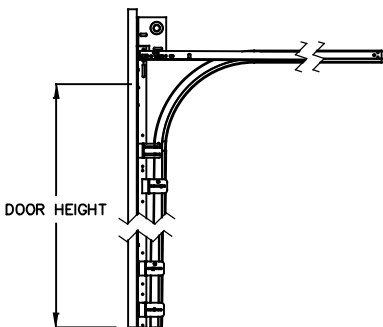
TYPICAL TRACK CLIP
BOLTING DETAIL



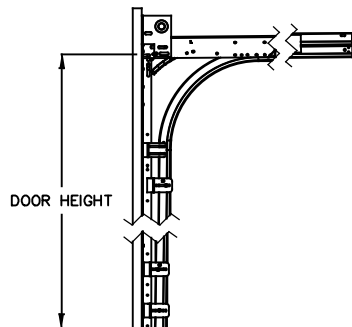
TYPICAL TRACK CLIP
SPOT WELDING DETAIL

DETAIL M
SCALE 1 : 4

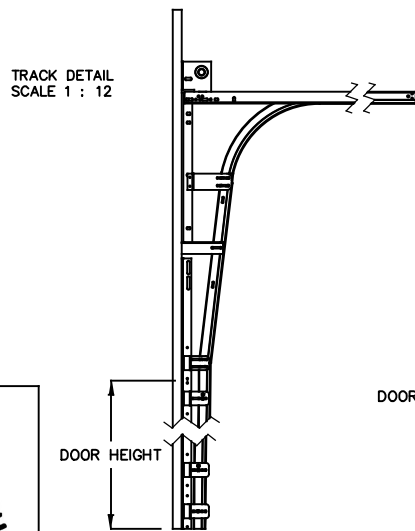
OPTIONAL WALL ANGLE TRACK



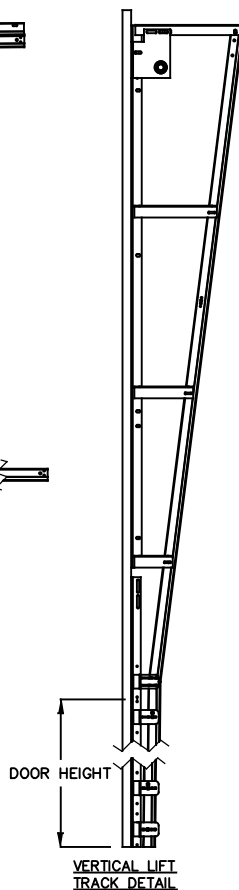
STANDARD LIFT
TRACK DETAIL



LOW HEADROOM
TRACK DETAIL



HIGH LIFT
TRACK DETAIL



VERTICAL LIFT
TRACK DETAIL

ATTACH J STRUT WITH (1)
1/4-14x7/8" SELF DRILLING
CRIMPTITE SCREW AT EACH HOLE
LOCATION. THERE SHALL BE A TOTAL
OF (5) SCREWS PER U-BAR.

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 ON TOP OF
THE SECTION SHALL BE PLACED ON TOP
OF THE BOTTOM HINGE LEAFS AS SHOWN
(NOT APPLICABLE TO TOP SECTION)

U-BAR LOCATIONS

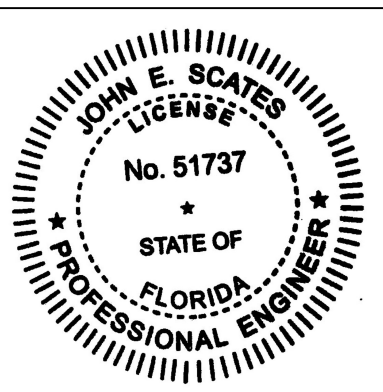
(7) SECTION DOORS WITH
(13) 3" 18 GA 80 KSI
U-BARS, AND (1) 18 GA
J STRUT LOCATED AS
SHOWN

(6) SECTION DOORS WITH
(11) 3" 18 GA 80 KSI
U-BARS, AND (1) 18 GA
J STRUT LOCATED AS
SHOWN

(5) SECTION DOORS WITH
(9) 3" 18 GA 80 KSI
U-BARS, AND (1) 18 GA
J STRUT LOCATED AS
SHOWN

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

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



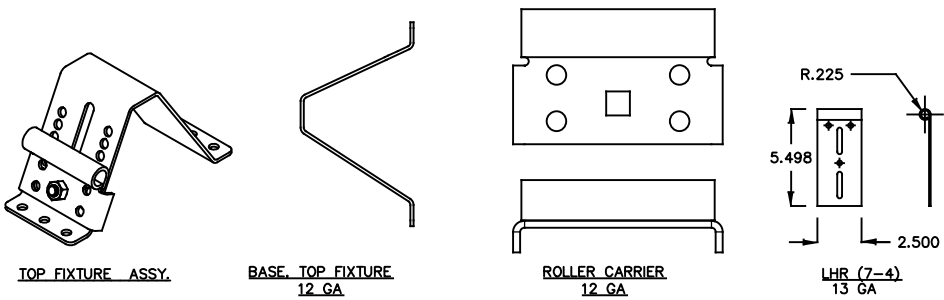
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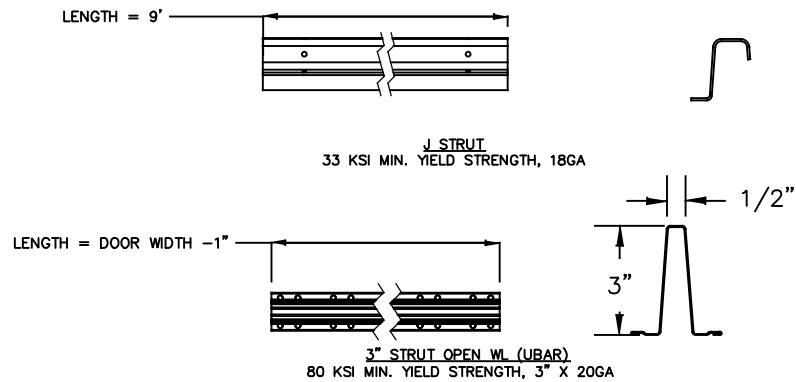
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MODELS 7540/5800				SHEET 3 OF 4			
WINDLOAD SPECIFICATION OPTION CODE 0563				DRAWING PART NO.		REV.	
				412950		-	

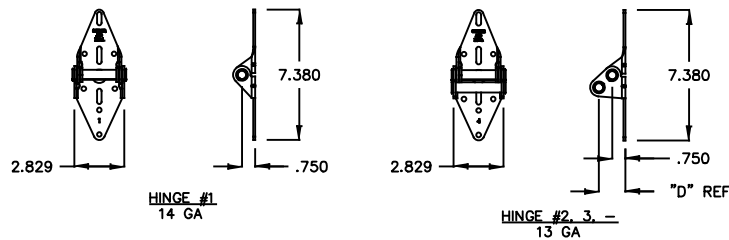
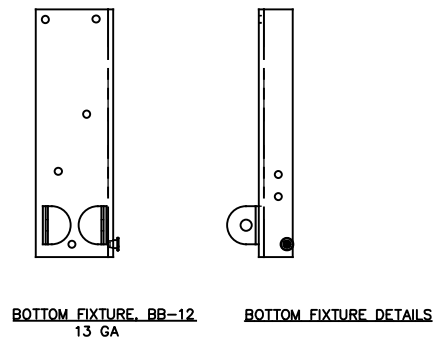
NOTES: (UNLESS OTHERWISE SPECIFIED)
1. FOR DIMENSIONS AND NOTE REFERENCES, REFER TO INDIVIDUAL DRAWINGS.



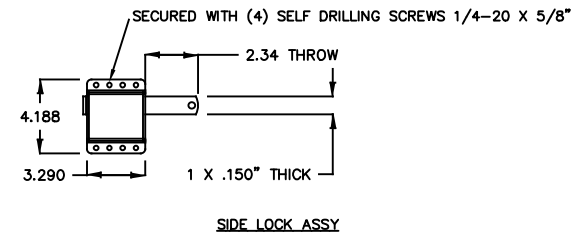
TOP FIXTURE DETAILS



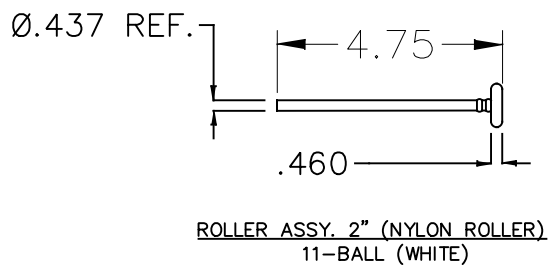
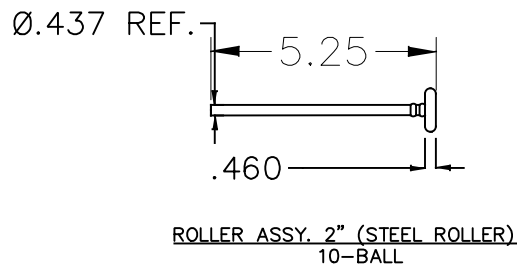
STRUT DETAILS



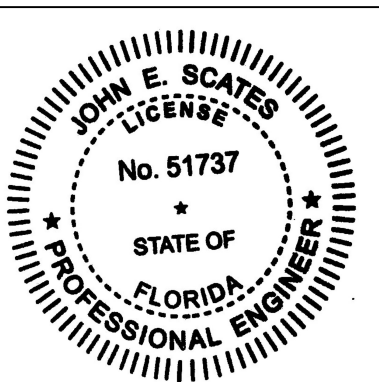
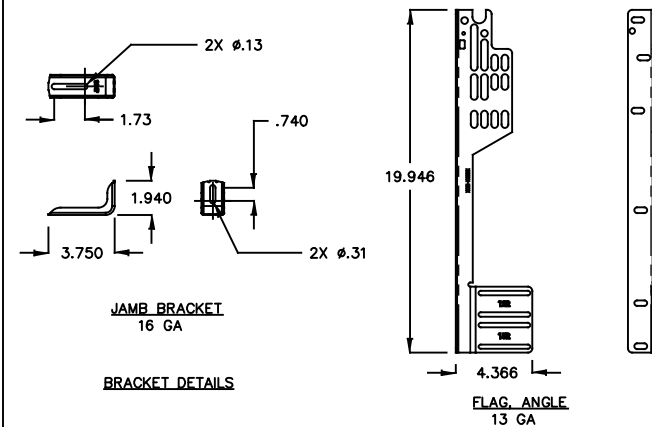
HINGE DETAILS



LOCK DETAILS



ROLLER STEM ASSY DETAILS



The Genuine. The Original.

OVERHEAD DOOR

OVERHEAD DOOR CORP
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MODELS 7540/5800				DRAWING PART NO.		REV.	
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