

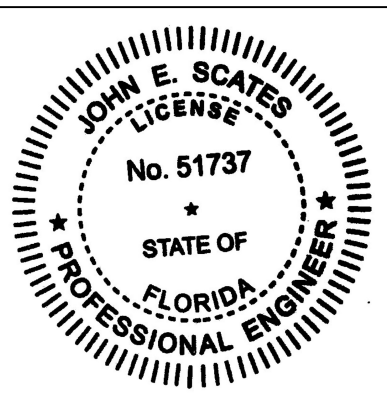
NOTES:

- 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
- 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.
- SLIDE LOCKS, OR LOCK BAR LOCK REQUIRED.
- FACER STEEL TO HAVE A MINIMUM 27 GA THICKNESS AND BACKER STEEL TO HAVE A MINIMUM 29 GA THICKNESS.
- A 4-1/2" x 6" x 21 GA BACKER PLATE IS TO BE LOCATED AT EVERY INTERMEDIATE AND OUTER END HINGE LOCATION.
- 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.
- DOOR JAMB TO BE MINIMUM 2x6 SOUTHERN PINE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.
- COMPLIES WITH THE REQUIREMENTS OF IBC/IRC 2018 AND 2021.
- 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)
17'-0"	ALL	+223.5/-249.0
18'-0"	ALL	+236.7/-263.7

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.

Digitally signed by John E Scates
Date: 2025.02.13 11:15:20 -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.

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

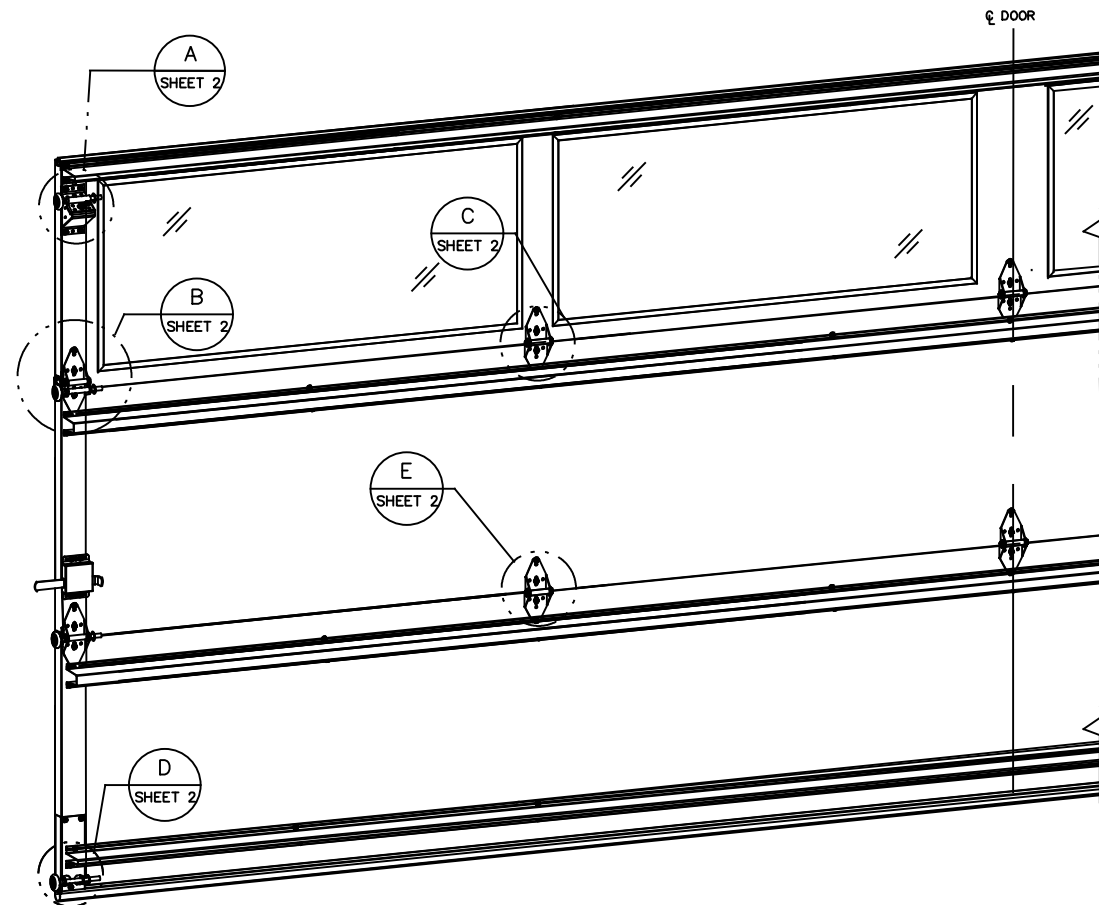
5/16x1-5/8" LAG SCREW AT EACH JAMB BRACKET

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.

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

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):	+26.3/-29.3	APPROVED SIZES	MAX WIDTH: 18'-0"	SCALE: N.T.S.	SIZE: A
TEST (PSF):	+39.5/-44.0	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 0564

DRAWING PART NO.

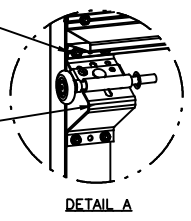
412946

REV.

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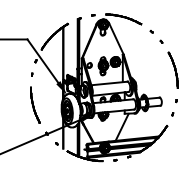
12 GA ROLLER SLIDE ATTACHED TO BRACKET WITH 5/16-18 BOLT & NUT IN CENTER SLOT AND 1/4-20x9/16" TRACK BOLT & 1/4-20 HEX NUT THROUGH ANY TWO ALIGNING HOLES

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



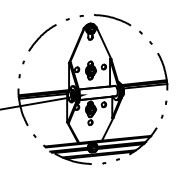
DETAIL A

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).



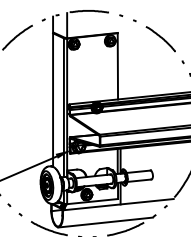
DETAIL B

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



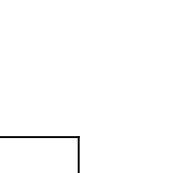
DETAIL C

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



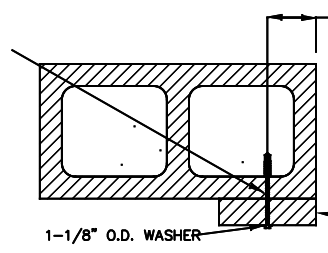
DETAIL D

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

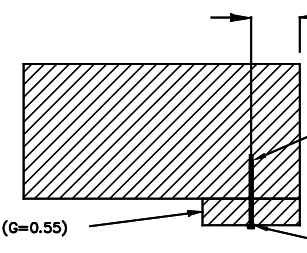


DETAIL E

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

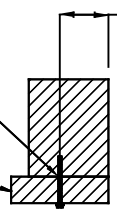


WOOD MOUNTED TO GROUT FILLED MASONRY BLOCK DETAIL



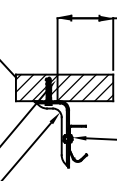
WOOD MOUNTED TO 2500 PSI CONCRETE DETAIL

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



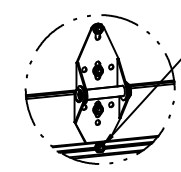
WOOD MOUNTED TO #3 SOUTHERN PINE SUBSTRATE

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)

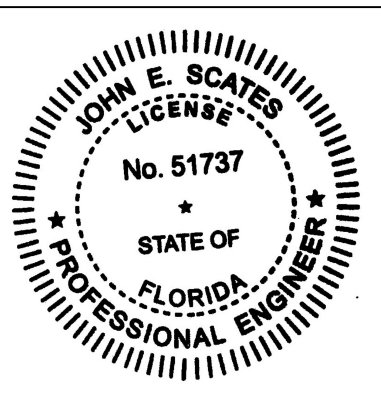


MOUNTING TO WOOD JAMB DETAIL

1.128±1" EDGE DISTANCE
1/4-20 X 9/16" TRACK BOLT AND 1/4-20 HEX NUT

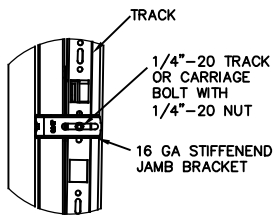


DETAIL E

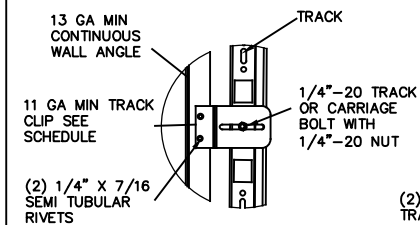


The Genuine. The Original.
OVERHEAD DOOR
OVERHEAD DOOR CORP
2501 S STATE HWY 121 BUS. STE 200
LEWISVILLE, TX 75067
1-800-929-DOOR

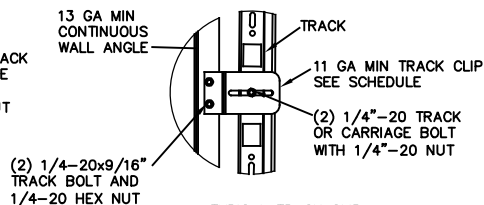
STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+26.3/-29.3	MAX WIDTH:	18'-0"	DATE	1/6/25	NAME	AR
TEST (PSF):	+39.5/-44.0	MAX HEIGHT:	14'-0"	DRAWN	1/6/25	AR	
IMPACT/CYCLIC RATED (YES/NO):	NO	MAX SECTION HEIGHT:	28"	CHECKED			
MODELS 7540/5800					SHEET 2 OF 4		
WINDLOAD SPECIFICATION OPTION CODE 0564					DRAWING PART NO. 412946		REV. -



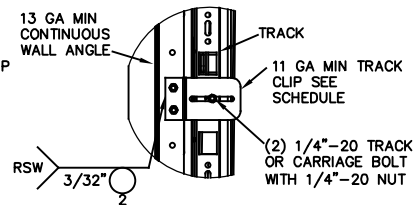
TYPICAL TRACK AND JAMB
FASTENERS DETAIL



TYPICAL TRACK CLIP
RIVETING DETAIL



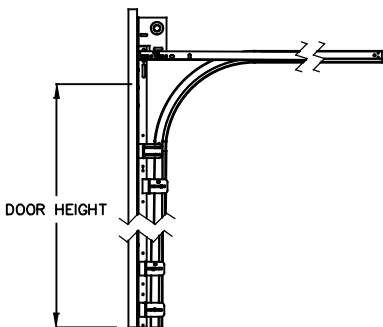
TYPICAL TRACK CLIP
BOLTING DETAIL



TYPICAL TRACK CLIP
SPOT WELDING DETAIL

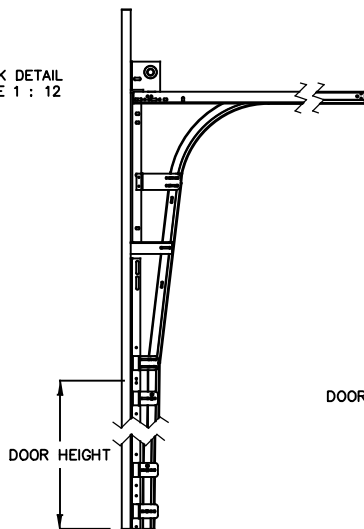
DETAIL M
SCALE 1 : 4

OPTIONAL WALL ANGLE TRACK

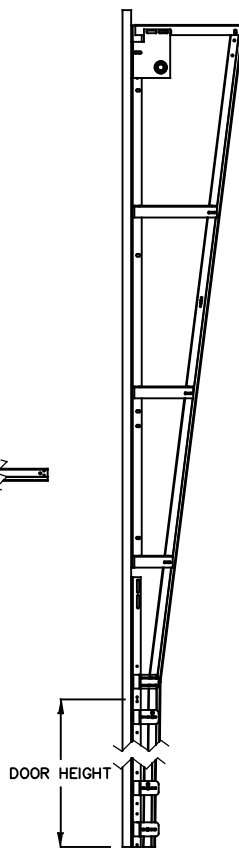


STANDARD LIFT
TRACK DETAIL

TRACK DETAIL
SCALE 1 : 12

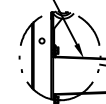


HIGH LIFT
TRACK DETAIL



VERTICAL LIFT
TRACK DETAIL

ATTACH U-BAR WITH (1)
1/4-14x7/8" SELF DRILLING
CRIMPITE 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

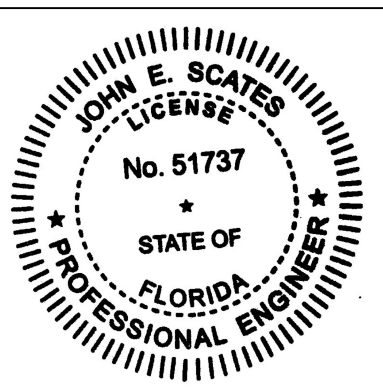
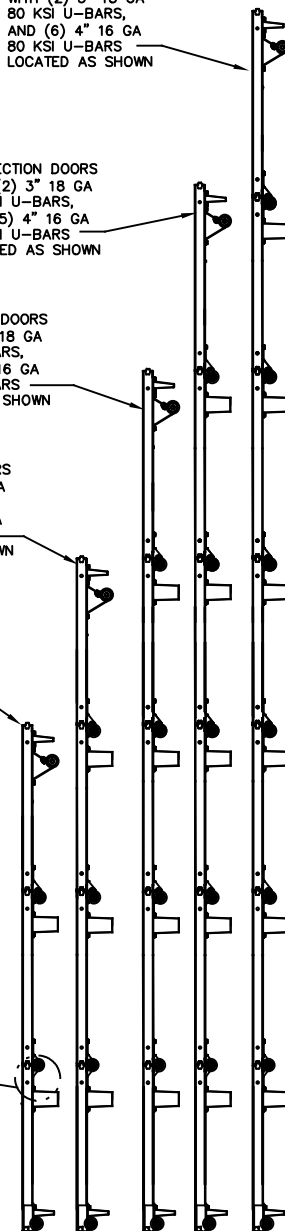
(7) SECTION DOORS
WITH (2) 3" 18 GA
80 KSI U-BARS,
AND (6) 4" 16 GA
80 KSI U-BARS
LOCATED AS SHOWN

(6) SECTION DOORS
WITH (2) 3" 18 GA
80 KSI U-BARS,
AND (5) 4" 16 GA
80 KSI U-BARS
LOCATED AS SHOWN

(5) SECTION DOORS
WITH (2) 3" 18 GA
80 KSI U-BARS,
AND (4) 4" 16 GA
80 KSI U-BARS
LOCATED AS SHOWN

(4) SECTION DOORS
WITH (2) 3" 18 GA
80 KSI U-BARS,
AND (3) 4" 16 GA
80 KSI U-BARS
LOCATED AS SHOWN

(3) SECTION DOORS
WITH (2) 3" 18 GA
80 KSI U-BARS,
AND (2) 4" 16 GA
80 KSI U-BARS
LOCATED AS SHOWN



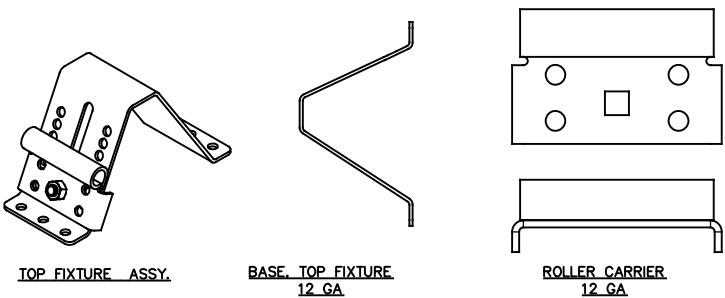
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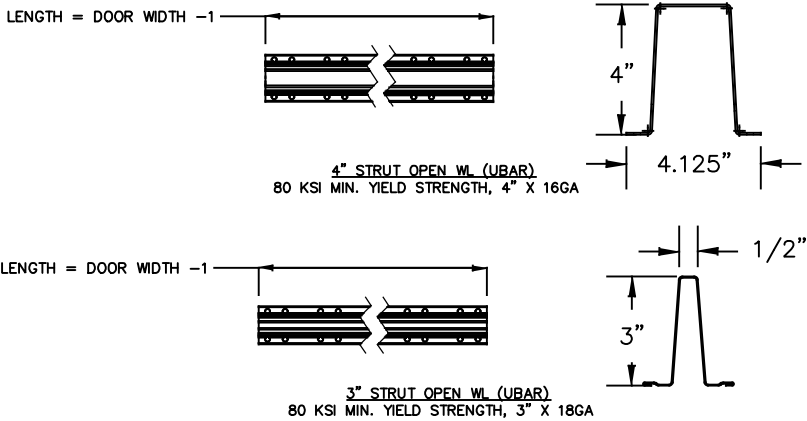
OVERHEAD DOOR CORP
2501 S STATE HWY 121 BUS. STE 200
LEWISVILLE, TX 75067
1-800-929-DOOR

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+26.3/-29.3	MAX WIDTH:	18'-0"	DATE	NAME		
TEST (PSF):	+39.5/-44.0	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 0564				DRAWING PART NO.		REV.	
				412946		-	

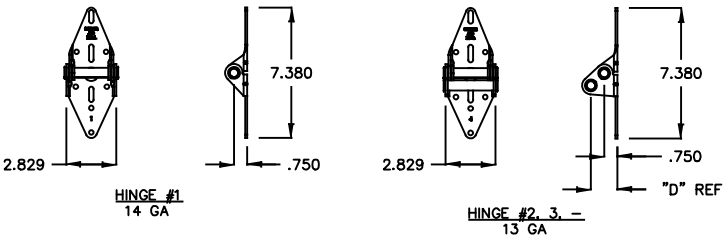
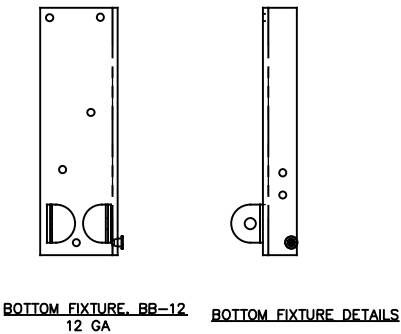
NOTES: (UNLESS OTHERWISE SPECIFIED)
1. FOR DIMENSIONS AND NOTE REFERENCES, REFER TO INDIVIDUAL DRAWINGS.



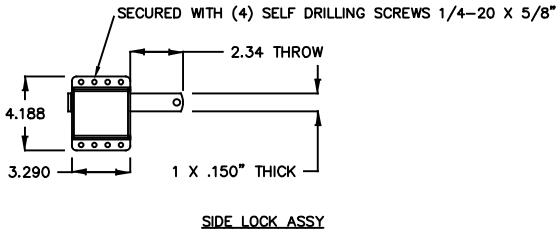
TOP FIXTURE DETAILS



STRUT DETAILS

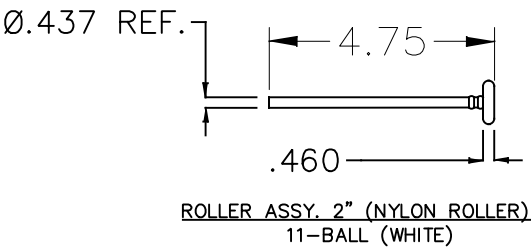
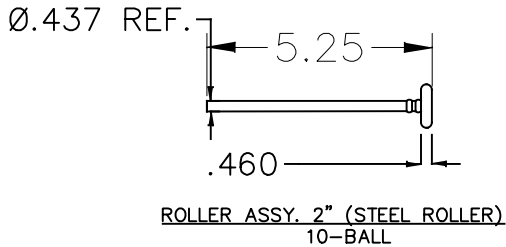


HINGE DETAILS

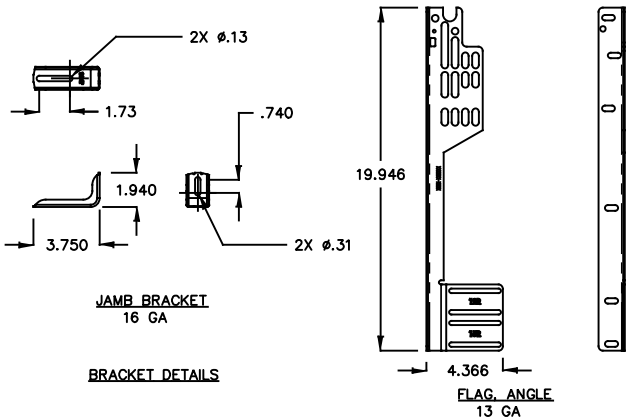


SIDE LOCK ASSY

LOCK DETAILS

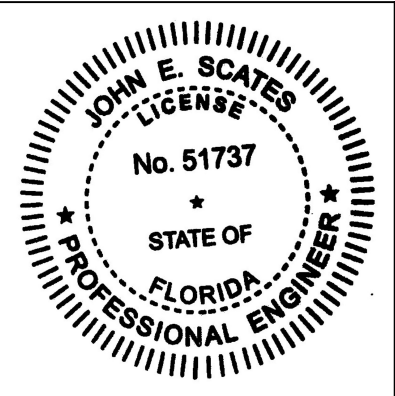


ROLLER STEM ASSY DETAILS



JAMB BRACKET
16 GA

BRACKET DETAILS



PUSHNUT DETAILS

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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IMPACT/CYCLIC RATED (YES/NO):	NO	MAX SECTION HEIGHT:	28"				
MODELS 7540/5800					SHEET 4 OF 4		
WINDLOAD SPECIFICATION OPTION CODE 0564					DRAWING PART NO. 412946		REV. -