

NOTES:

- 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
- 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
- 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

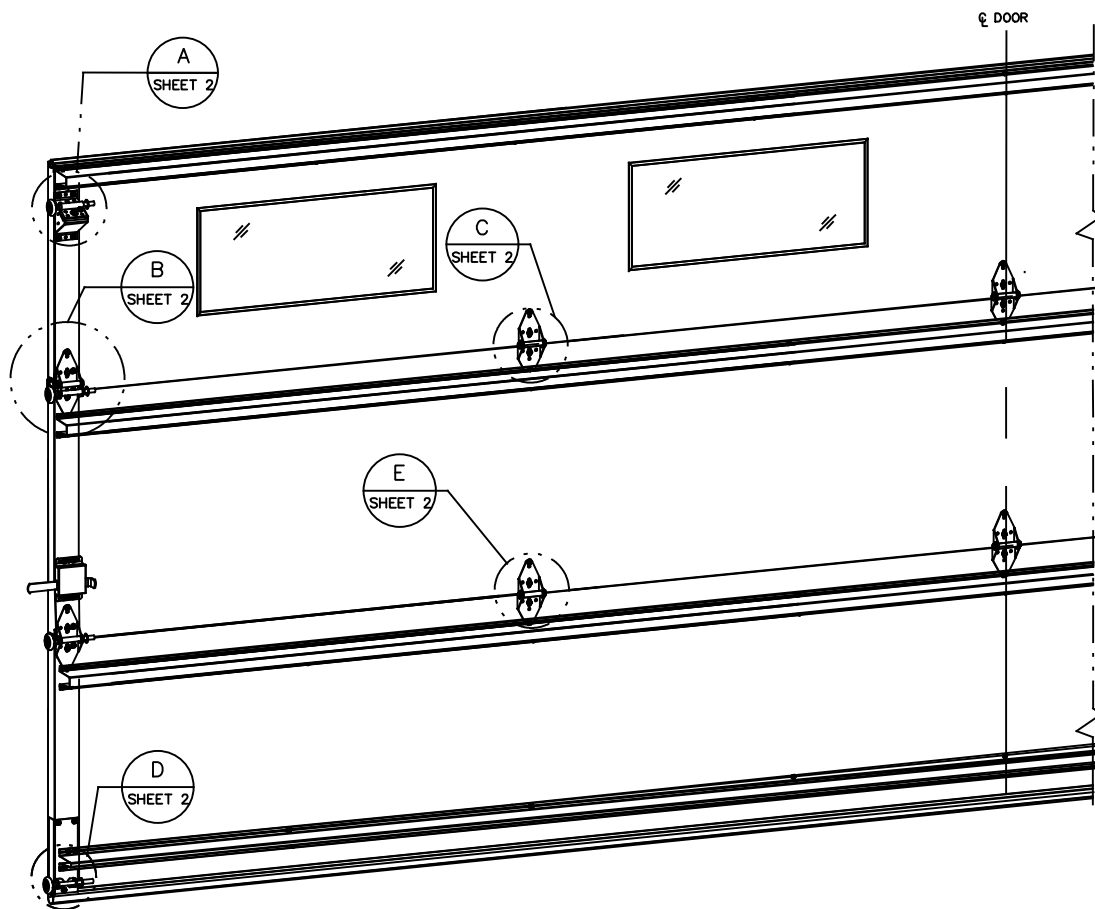
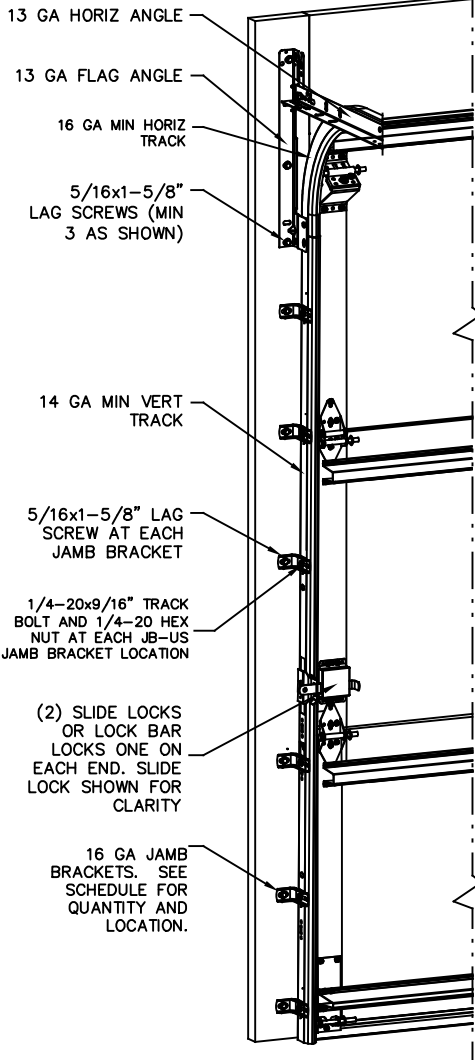
DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
12'-0"	ALL	+235.2/-262.2
14'-0"	ALL	+274.4/-305.9
16'-0"	ALL	+313.6/-349.6

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

NOTE:

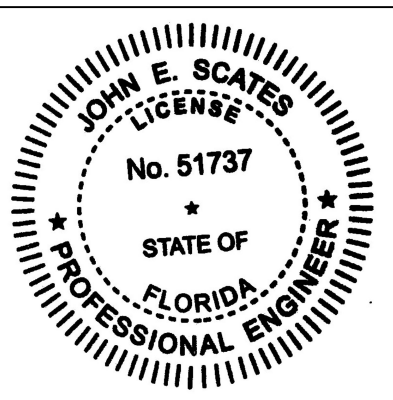
(JB-US) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH 1/4-20x9/16" TRACK BOLT AND NUT AS SHOWN ABOVE.

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



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



Digitally signed by John E Scates

Date: 2025.02.13 10:53:44 -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

DESIGN (PSF):	+39.2/-43.7	APPROVED SIZES	MAX WIDTH: 16'-0"	SCALE: N.T.S.	SIZE: A
TEST (PSF):	+58.8/-65.6	MAX HEIGHT: 14'-0"	DRAWN	DATE	NAME
IMPACT/CYCLIC RATED (YES/NO):	YES	MAX SECTION HEIGHT: 28"	CHECKED	1/6/25	AR

MODELS 7540/5800

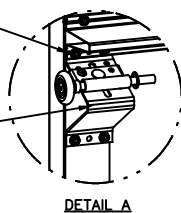
WINDLOAD SPECIFICATION OPTION CODE 0559

SHEET 1 OF 4

DRAWING PART NO. 412943
REV. -

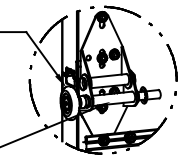
12 GA ROLLER SLIDE ATTACHED TO BRACKET WITH 5/16-18 BOLT & NUT IN CENTER SLOT AND 1/4-20x9/16" TRACK BOLT & 1/4-20 HEX NUT THROUGH ANY TWO ALIGNING HOLES

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



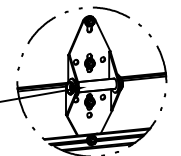
DETAIL A

2" STEEL ROLLER WITH 5-1/4" 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).



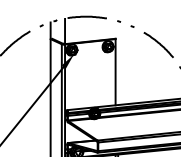
DETAIL B

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



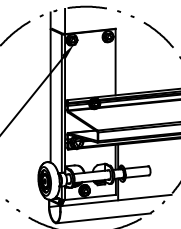
DETAIL C

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



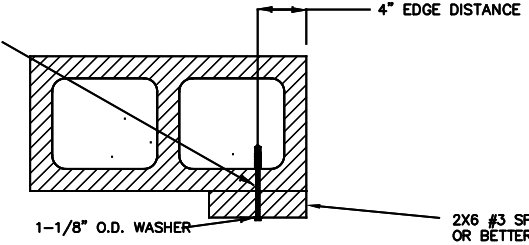
DETAIL D

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

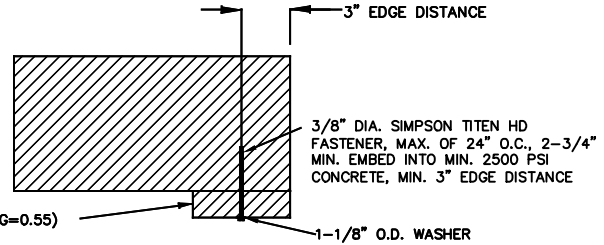


DETAIL E

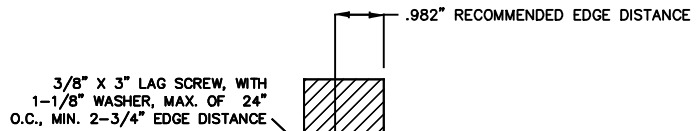
3/8" DIA. SIMPSON TITEN HD FASTENER, MAX. OF 16" O.C., 2-3/4" MIN. EMBED INTO MIN. 2000 PSI GROUT FILLED CMU, MIN. 4" EDGE DISTANCE



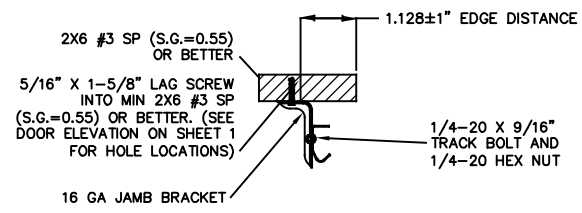
WOOD MOUNTED TO GROUT FILLED MASONRY BLOCK DETAIL



WOOD MOUNTED TO 2500 PSI CONCRETE DETAIL



WOOD MOUNTED TO #3 SOUTHERN PINE SUBSTRATE

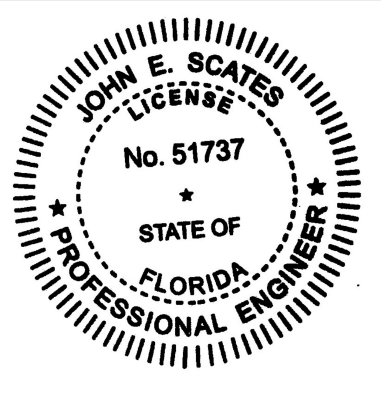


MOUNTING TO WOOD JAMB DETAIL

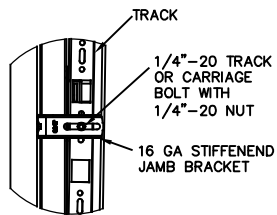


DETAIL E

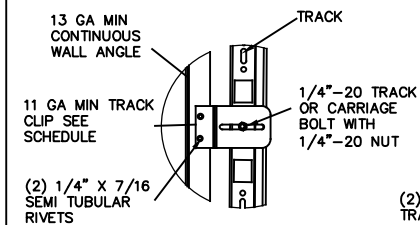
STRUT ATTACHED WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS AT EACH HINGE LOCATION AND (2) BETWEEN EACH INTERMEDIATE HINGE FOR EACH STRUT



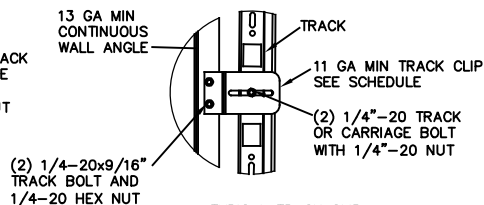
The Genuine. The Original.  OVERHEAD DOOR CORP 2501 S STATE HWY 121 BUS, STE 200 LEWISVILLE, TX 75067 1-800-929-DOOR	STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
	DESIGN (PSF):	+39.2/-43.7	MAX WIDTH:	16'-0"		DATE	NAME	
	TEST (PSF):	+58.8/-65.6	MAX HEIGHT:	14'-0"	DRAWN	1/6/25	AR	
	IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 28"	CHECKED				
	MODELS 7540/5800					SHEET 2 OF 4		
	WINDLOAD SPECIFICATION OPTION CODE 0559					DRAWING PART NO.		REV.
					412943		-	



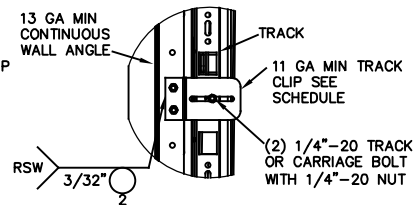
TYPICAL TRACK AND JAMB
FASTENERS DETAIL



TYPICAL TRACK CLIP
RIVETING DETAIL



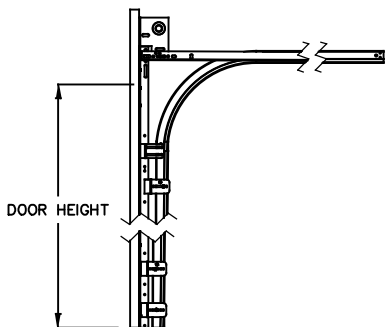
TYPICAL TRACK CLIP
BOLTING DETAIL



TYPICAL TRACK CLIP
SPOT WELDING DETAIL

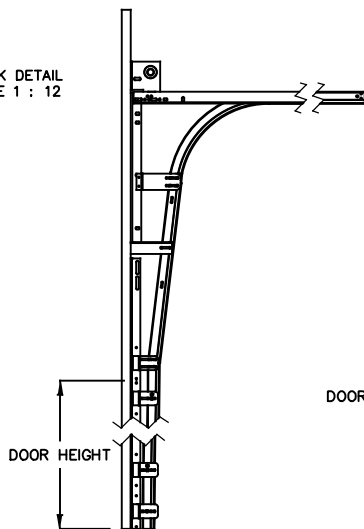
DETAIL M
SCALE 1 : 4

OPTIONAL WALL ANGLE TRACK

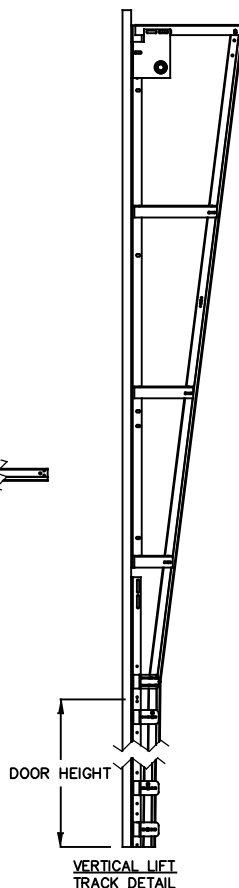


STANDARD LIFT
TRACK DETAIL

TRACK DETAIL
SCALE 1 : 12



HIGH LIFT
TRACK DETAIL



VERTICAL LIFT
TRACK DETAIL

ATTACH U-BAR WITH (1)
1/4-14x7/8\"/>

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

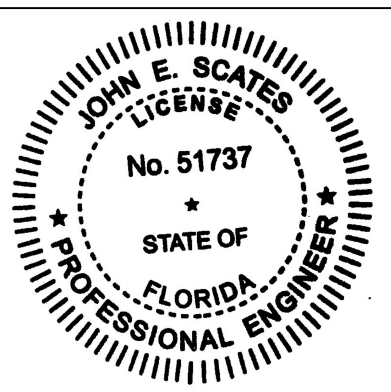
(7) SECTION DOORS
WITH (1) 3\"/>

(6) SECTION DOORS
WITH (1) 3\"/>

(5) SECTION DOORS
WITH (1) 3\"/>

(4) SECTION DOORS
WITH (1) 3\"/>

(3) SECTION DOORS
WITH (1) 3\"/>



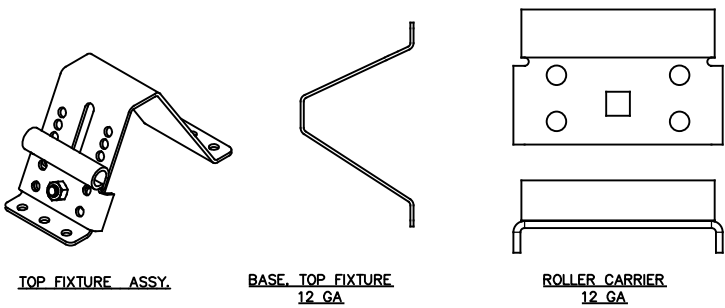
The Genuine. The Original.



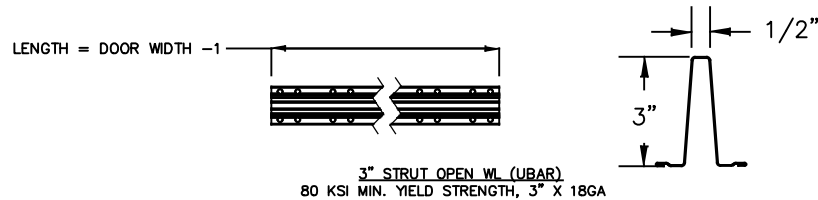
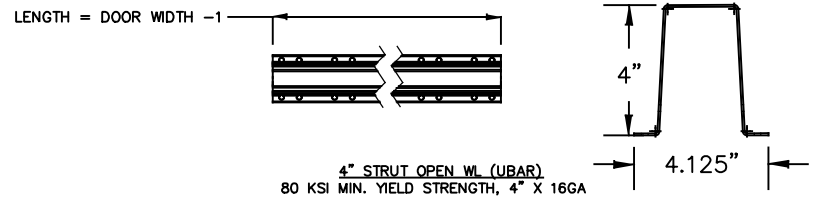
OVERHEAD DOOR CORP
2501 S STATE HWY 121 BUS. STE 200
LEWISVILLE, TX 75067
1-800-929-DOOR

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
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IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 28"		CHECKED			
MODELS 7540/5800				SHEET 3 OF 4			
WINDLOAD SPECIFICATION OPTION CODE 0559				DRAWING PART NO.		REV.	
				412943		—	

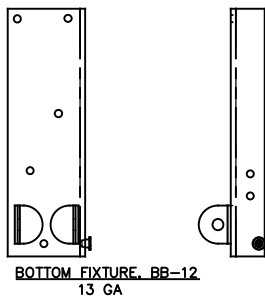
NOTES: (UNLESS OTHERWISE SPECIFIED)
1. FOR DIMENSIONS AND NOTE REFERENCES, REFER TO INDIVIDUAL DRAWINGS.



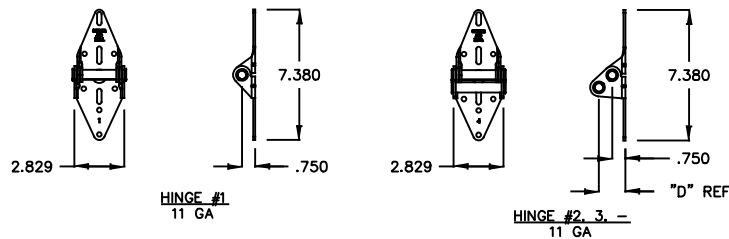
TOP FIXTURE DETAILS



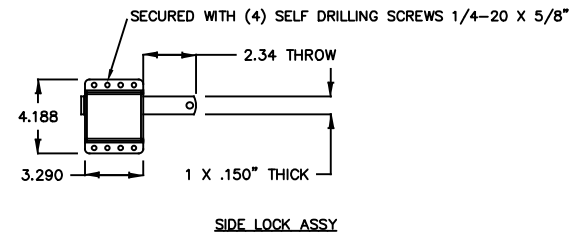
STRUT DETAILS



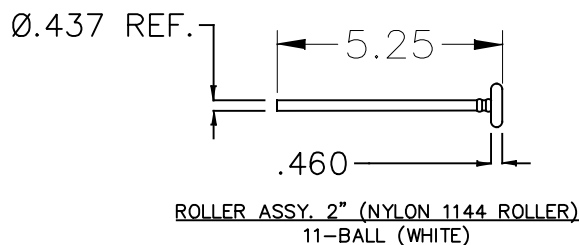
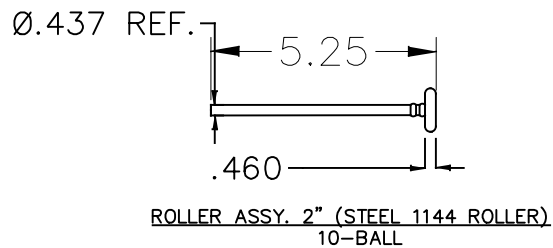
BOTTOM FIXTURE DETAILS



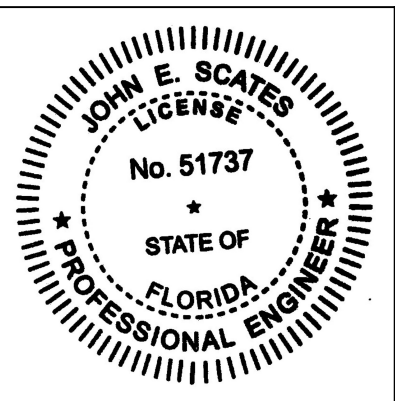
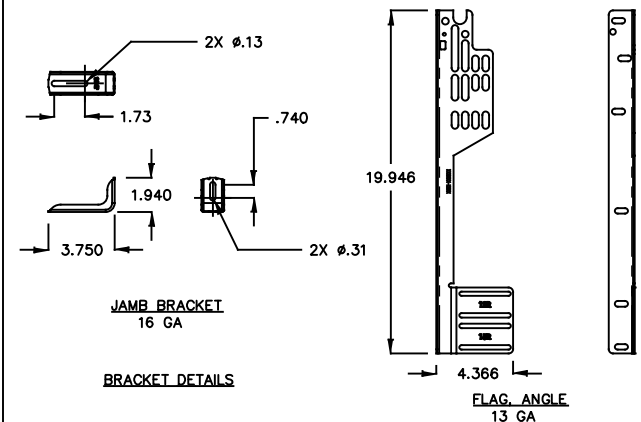
HINGE DETAILS



LOCK DETAILS



ROLLER STEM ASSY DETAILS



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	
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IMPACT/CYCLIC RATED (YES/NO):	YES	MAX SECTION HEIGHT:	28"	SHEET 4 OF 4			
MODELS 7540/5800				DRAWING PART NO.		REV.	
WINDLOAD SPECIFICATION OPTION CODE 0559				412943		-	