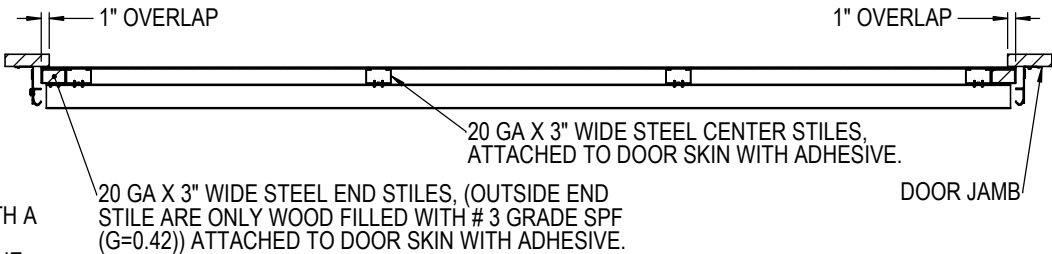


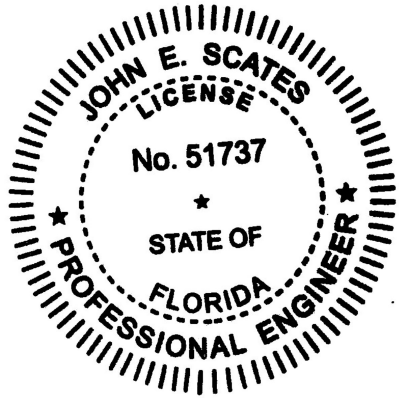
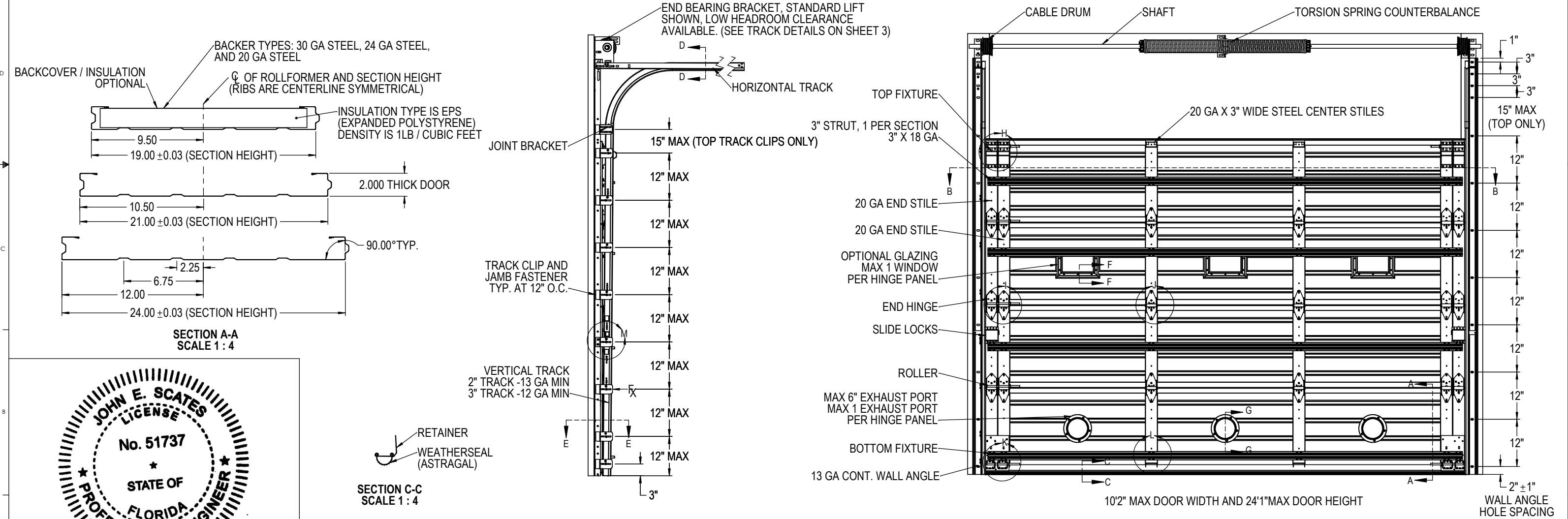
NOTES: (UNLESS OTHERWISE SPECIFIED)

1. RATED DESIGN LOAD +50/-56 PSF.
2. SECTION HEIGHTS MAY VARY TO CREATE VARIOUS DOOR HEIGHTS, 24" MAXIMUM SECTION HEIGHT.
3. MINIMUM 1" OVERLAP ON BOTH JAMBS REQUIRED TO MEET NEGATIVE DESIGN PRESSURES.
4. TESTED IN ACCORDANCE WITH DADE COUNTY PROTOCOLS TAS 201-94, TAS 202-94, & TAS 203-94.
5. DOOR SKIN MUST BE 50,000 PSI MIN. YIELD STRENGTH.
6. JAMB LOAD CALCULATIONS:
 $(1/2 \text{ DOOR WIDTH})(1 \text{ FT OF HEIGHT})(\text{DESIGN PRESSURE})$
 $(5.067)(1 \text{ FOOT})(50.00 \text{ AND } -56.00)(254.18/284.68) \text{ LB}$
7. JAMB FASTENER REQUIREMENTS:
 $F_x = (1/2 \text{ DOOR WIDTH})(1 \text{ FT OF HEIGHT})(\text{DESIGN PRESSURE})$
 $F_x = 254 \text{ LBS.}$
8. DOOR SKIN MATERIAL SHALL BE GALVANIZED ACCORDING TO ASTM A-525 TO G40 MIN, WITH BAKED-ON PRIMER, AND BAKED-ON POLYESTER PAINT TOP COAT.
9. FOR ANCHORING INTO WOOD, USE ONE 5/16" LAG SCREW PER TRACK BRACKET WITH 1-1/2" EMBEDMENT INTO SOUTHERN PINE (G=0.55) OR BETTER.
10. APPROVED INSULATED AND NON-INSULATED: C-24 (24 GA), C-20 (20 GA).
11. WELD SLOT ON ANGLE 3/32" X 1" LONG ON 12" CENTERS. "IF WELDING MOUNTING OPTION IS CHOSEN."
12. LIFT UP MECHANISM-MANUAL, CHAIN LIFT, OR OPERATOR IS NOT PART OF THIS APPROVAL.
13. STANDARD LIFT, HIGH LIFT, VERTICAL LIFT, AND LOW HEADROOM TRACK IS AVAILABLE. FOR LOW HEADROOM LIFT CONDITIONS TOP BRACKET SHALL BE 13 GA LHR 7/4 TOP BRACKET WITH A MIN OF (3) 1/4 - 14 X 7/8" SELF DRILLING CRIMPTITE SCREWS IN LIEU OF THE BRACKET SHOWN ON DRAWING. U-BAR ON TOP SECTION SHALL BE INSTALLED ON TOP OF LHR TOP BRACKETS.
14. ATTACH STRUTS WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS AT ALL STILE LOCATIONS, TYP. +/-3" FROM CENTER OF SECTION. STRUT ON BOTTOM SECTION, TO BE 6" FROM THE BOTTOM.
15. KEY LOCK, OR SIDE LOCK REQUIRED.
16. EXHAUST PORTS- OPTIONAL UP TO 3 PER BOTTOM SECTION.
17. IMPACT RESISTANT GLAZING OPTION- IMPACT RESISTANT GLAZING SYSTEM MAY BE INSTALLED INTERMEDIATE SECTION ONLY. GLAZING SHALL BE 1/4" POLYCARBONATE. 13-3/4" X 20-1/8" MAXIMUM SIZE, FASTENED WITH # 8 X 1" SMS: 3X MAX ALONG THE HORIZONTAL AND 2X MAX ALONG THE VERTICAL. SEE DETAIL F-F ON SHEET 2 FOR ASSEMBLY DETAILS.
18. 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.

REVISIONS				
ER	REV	DESCRIPTION	DATE	APVL
ER 31715	P00	NEW DRAWING	7/19/18	ESC



SECTION B-B
SCALE 1 : 12

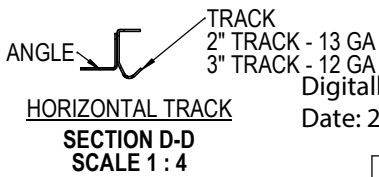


JOHN E. SCATES, P.E.
2560 KING ARTHUR BLVD
LEWISVILLE, TX 75056
FL PE 51737
TX PE 56308 / F2203

PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.

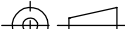


SECTION C-C
SCALE 1 : 4

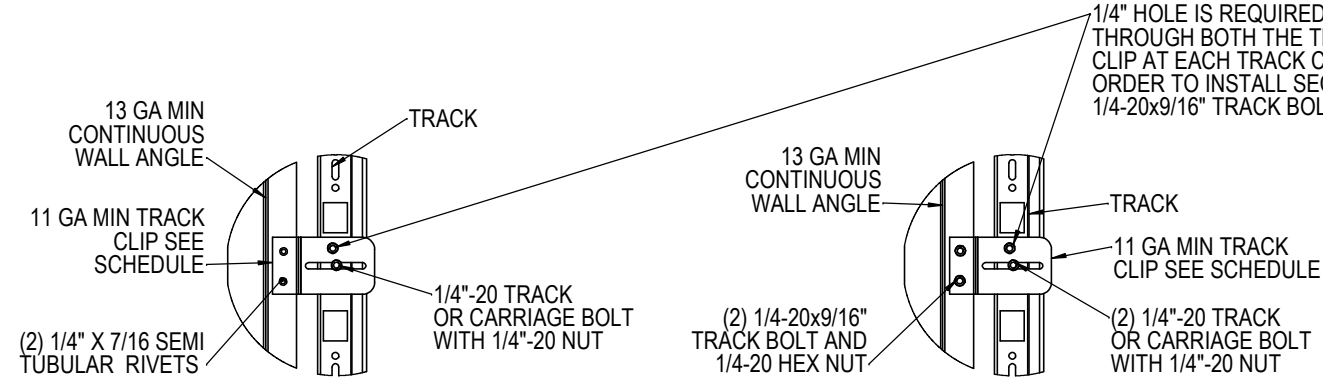


Digitally signed by John E. Scates, P.E.
Date: 2020.09.03 20:41:06 -05'00'

DOOR WIDTH	NUMBER OF CENTER STILES
8'-2" - 10'-2"	2

THIRD ANGLE PROJECTION 		UNLESS OTHERWISE SPECIFIED		APPROVALS		DATE		 PENSACOLA, FLORIDA			
A DIVISION OF OVERHEAD DOOR CORP 3395 ADDISON DRIVE PENSACOLA, FLORIDA 32514 (850)-474-9890		INTERPRET DIMS & TOLS PER ASME Y14.5M ALL DIMS ARE IN INCHES DO NOT SCALE DIMS CIRCLED WITH SYMBOL 'O' ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.		TOLERANCES:		DRAWN E. CONRAD 4/23/18		DESCRIPTION WINDLOAD COMMERCIAL SECTIONAL STEEL DOOR, C20 AND C24, +50/-56PSF DADE COUNTY, 10'2" MAX WIDTH			
				.X = ± .1 .XX = ± .03 .XXX = ± .010 ANGULAR = ± .5 °		CHECKED D. KORNISH -					
				HOLES: < Ø.251 = +.004/- .003 Ø.251-Ø.500 = +.006/- .003 > Ø.500 = +.008/- .003		APPROVED - -					
						MATERIAL -					
						FINISH -					
				WINDLOAD SPECIFICATION		SIZE DWG NO.		REV			
				OPTION CODE 2500		D D-361777		P-00			
				ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:				SCALE 1:12		UOM = EA	
				361777						SHEET 1 OF 4	

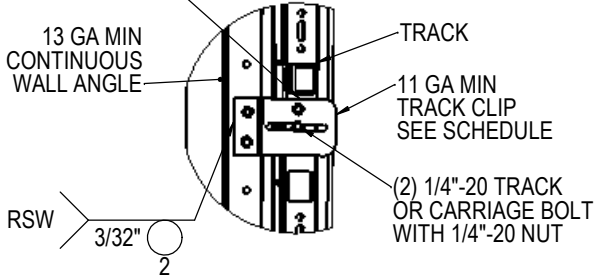
NOTES: (UNLESS OTHERWISE SPECIFIED)
1. ONE 3" STRUT PER SECTION, ATTACHED WITH 1/4-14X7/8" SELF DRILLING CRIMPTITE SCREWS.



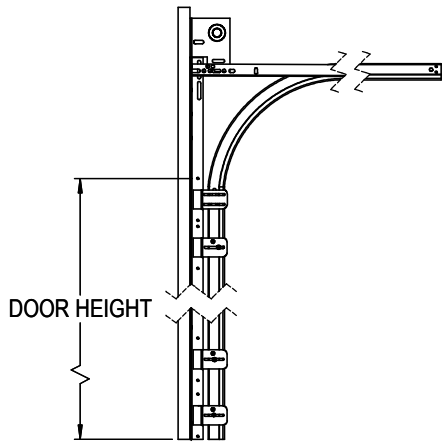
TYPICAL TRACK CLIP RIVETING DETAIL

TYPICAL TRACK CLIP BOLTING DETAIL

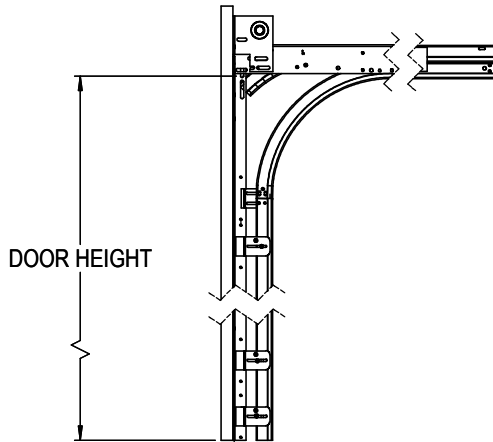
DETAIL M
SCALE 1 : 4



TYPICAL TRACK CLIP WELDING DETAIL

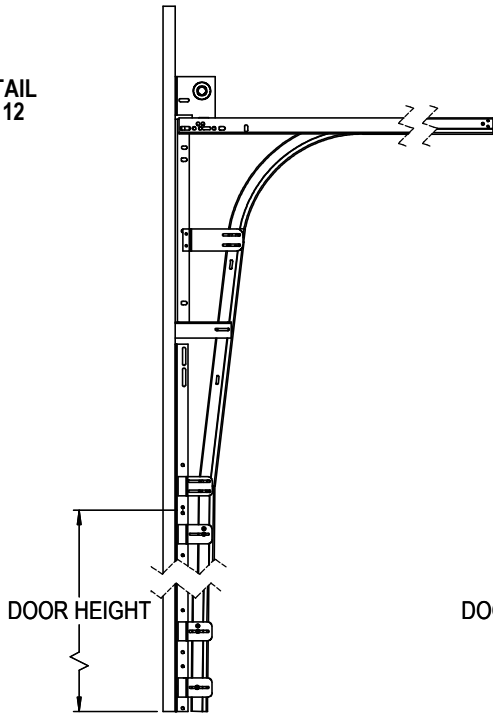


STANDARD LIFT TRACK DETAIL

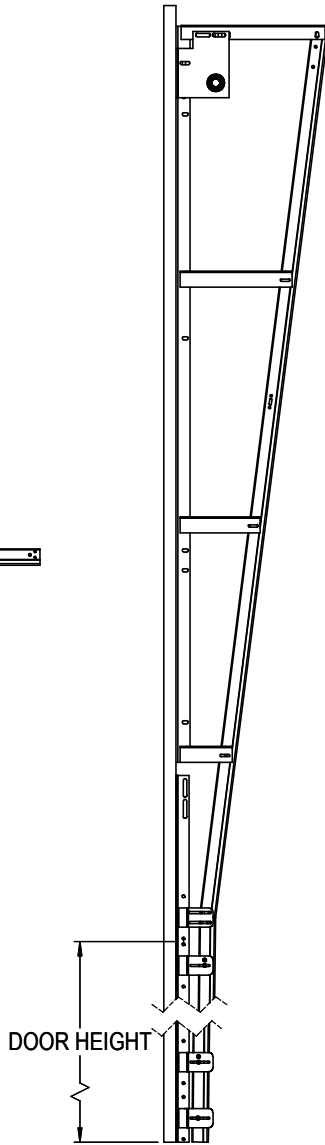


LOW HEADROOM TRACK DETAIL

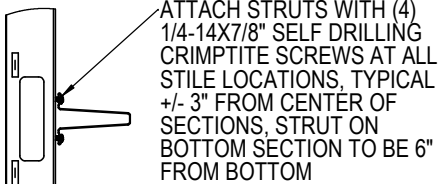
TRACK DETAIL
SCALE 1 : 12



HIGH LIFT TRACK DETAIL



VERTICAL LIFT TRACK DETAIL



DETAIL N
SCALE 1 : 4

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

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

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

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

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

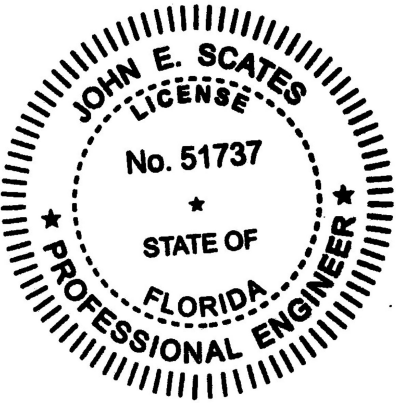
(9) SECTION DOORS WITH (9) 3" 18 GA 80 KSI U- BARS LOCATED AS SHOWN

(10) SECTION DOORS WITH (10) 3" 18 GA 80 KSI U- BARS LOCATED AS SHOWN

(11) SECTION DOORS WITH (11) 3" 18 GA 80 KSI U- BARS LOCATED AS SHOWN

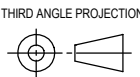
(12) SECTION DOORS WITH (12) 3" 18 GA 80 KSI U- BARS LOCATED AS SHOWN

STRUT LOCATIONS
SCALE 1 : 16



JOHN E. SCATES, P.E.
2560 KING ARTHUR BLVD
LEWISVILLE, TX 75056
FL PE 51737
TX PE 56308 / F2203

PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.



A DIVISION OF OVERHEAD DOOR CORP
3395 ADDISON DRIVE
PENSACOLA, FLORIDA 32514
(850)-474-9890

UNLESS OTHERWISE SPECIFIED

INTERPRET DIMS & TOLS PER ASME Y14.5M
ALL DIMS ARE IN INCHES

DO NOT SCALE

DIMS CIRCLED WITH SYMBOL 'O' ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.

TOLERANCES:

X = ± .1
XX = ± .03
XXX = ± .010
ANGULAR = ± .5 °

HOLES:

< Ø .251 = +.004/- .003
Ø .251-Ø .500 = +.006/- .003
> Ø .500 = +.008/- .003

ALL GEOMETRY GOVERNED BY 3D CAD DATABASE: 361777

APPROVALS DATE

DRAWN E. CONRAD 4/23/18

CHECKED D. KORNISH -

APPROVED -

MATERIAL -

FINISH -

WINDLOAD SPECIFICATION
OPTION CODE 2500



PENSACOLA, FLORIDA

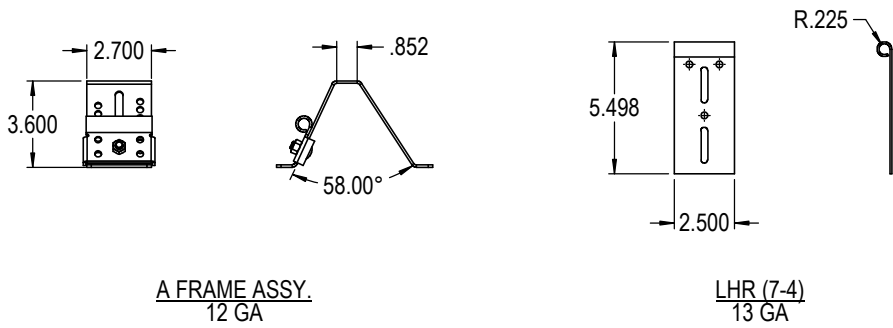
DESCRIPTION
WINDLOAD COMMERCIAL SECTIONAL STEEL DOOR, C20 AND C24, +50/-56PSF DADE COUNTY, 10'2" MAX WIDTH

SIZE DWG NO.
D D-361777

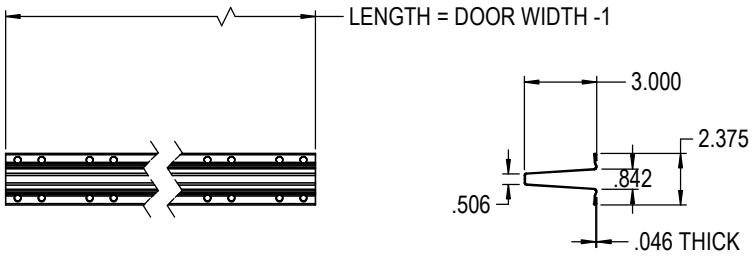
REV
P-00

SCALE 1:12 UOM = EA SHEET 3 OF 4

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

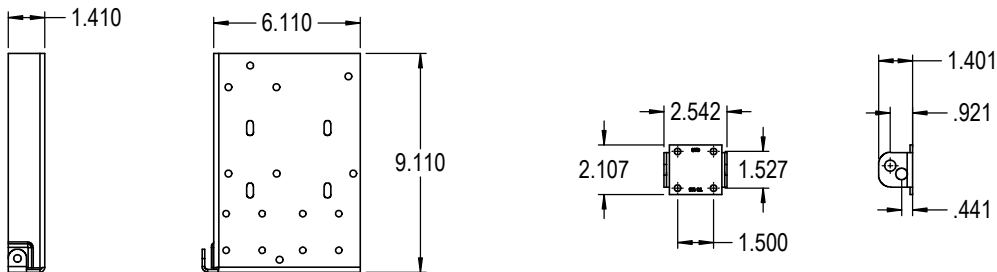


TOP FIXTURE DETAILS



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

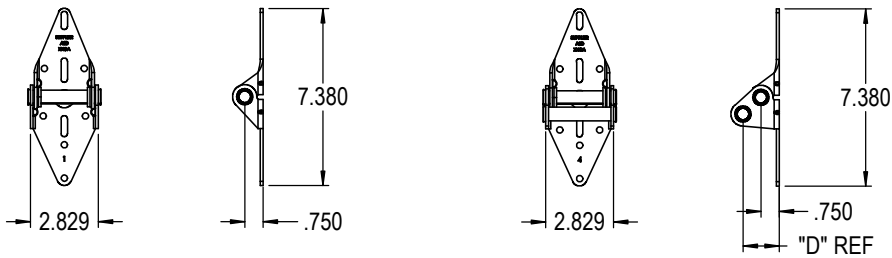
STRUT DETAILS



DOUBLE ENDSTILE
11 GA

2" AND 3" ROLLER CARRIER
12 GA

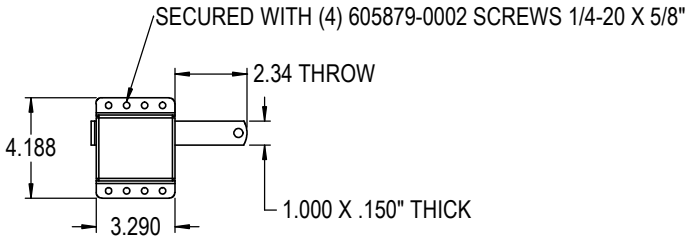
BOTTOM FIXTURE DETAILS



CENTER HINGE
14 GA

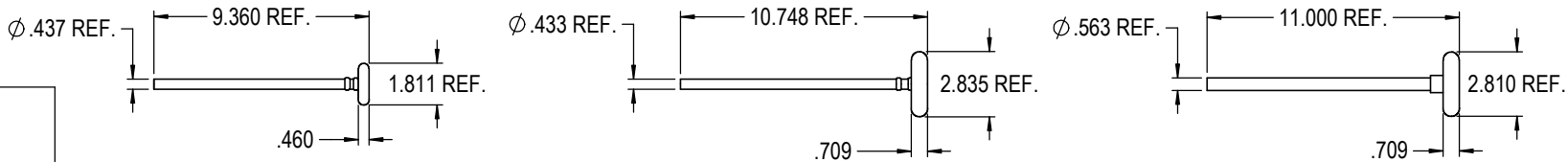
END HINGE
11 GA

HINGE DETAILS



SIDE LOCK ASSY

LOCK DETAILS

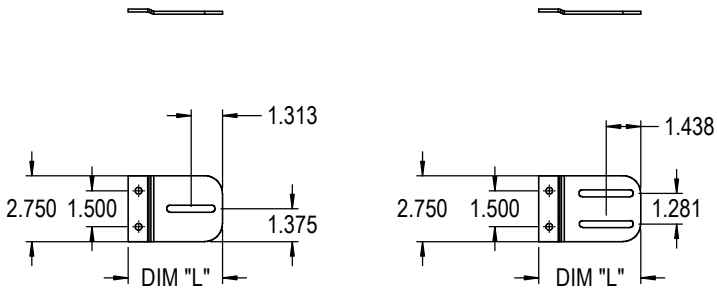


ROLLER ASSY. 2" WL 1144

ROLLER ASSY. 3" 7/16" STEM

ROLLER ASSY. 3" 9/16" STEM

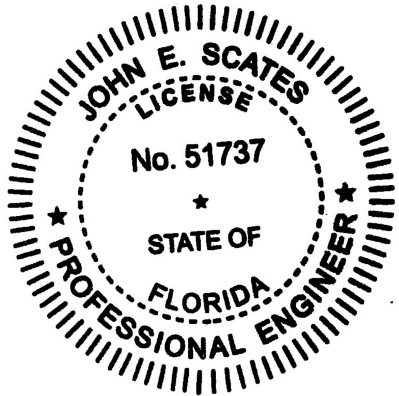
ROLLER STEM ASSY DETAILS



TRACK CLIP
11 GA

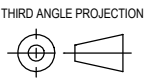
JOINT BRACKET
11 GA

BRACKET DETAILS



JOHN E. SCATES, P.E.
2560 KING ARTHUR BLVD
LEWISVILLE, TX 75056
FL PE 51737
TX PE 56308 / F2203

PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR
VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.



A DIVISION OF OVERHEAD
DOOR CORP
3395 ADDISON DRIVE
PENSACOLA, FLORIDA 32514
(850)-474-9890

UNLESS OTHERWISE SPECIFIED
INTERPRET DIMS & TOLS
PER ASME Y14.5M
ALL DIMS ARE IN
INCHES
DO NOT SCALE
DIMS CIRCLED WITH SYMBOL ' ' ARE CRITICAL TO QUALITY DESIGN
FEATURES & MUST MEET APPLICABLE
IN-PROCESS INSPECTION STANDARDS.

TOLERANCES:
.X = ±
.XX = ±
.XXX = ±
ANGULAR = ± °

HOLES:
< Ø .251 = +/-
Ø .251-Ø .500 = +/-
> Ø .500 = +/-

ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:
361777

APPROVALS DATE
DRAWN E. CONRAD 4/23/18
CHECKED D. KORNISH
APPROVED
MATERIAL
FINISH

WINDLOAD SPECIFICATION
OPTION CODE 2500



PENSACOLA, FLORIDA

DESCRIPTION
WINDLOAD COMMERCIAL SECTIONAL
STEEL DOOR, C20 AND C24, +50/-56PSF
DADE COUNTY, 10'2" MAX WIDTH

SIZE DWG NO.
D D-361777

REV
P-00

SCALE 1:12 UOM = EA SHEET 4 OF 4