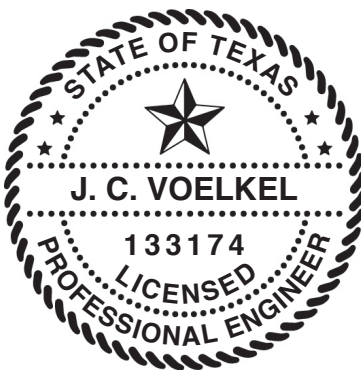
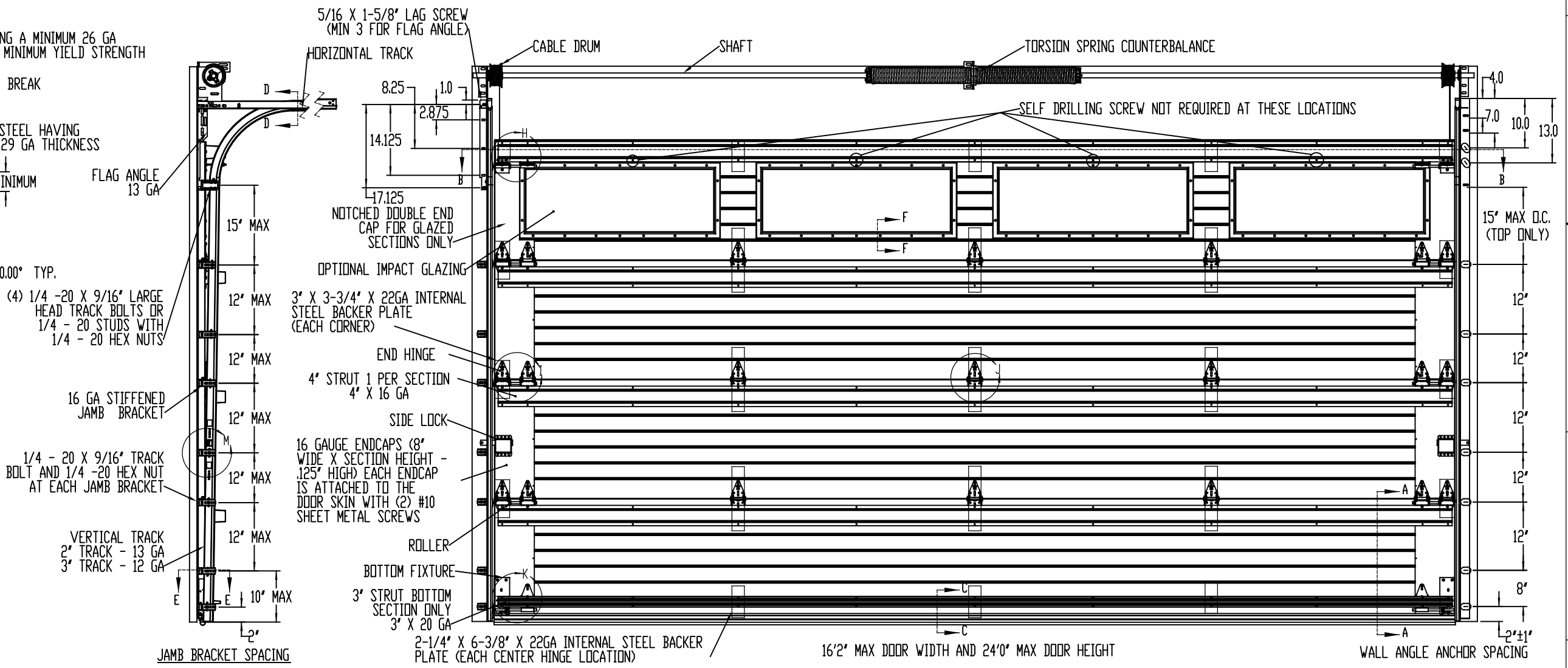
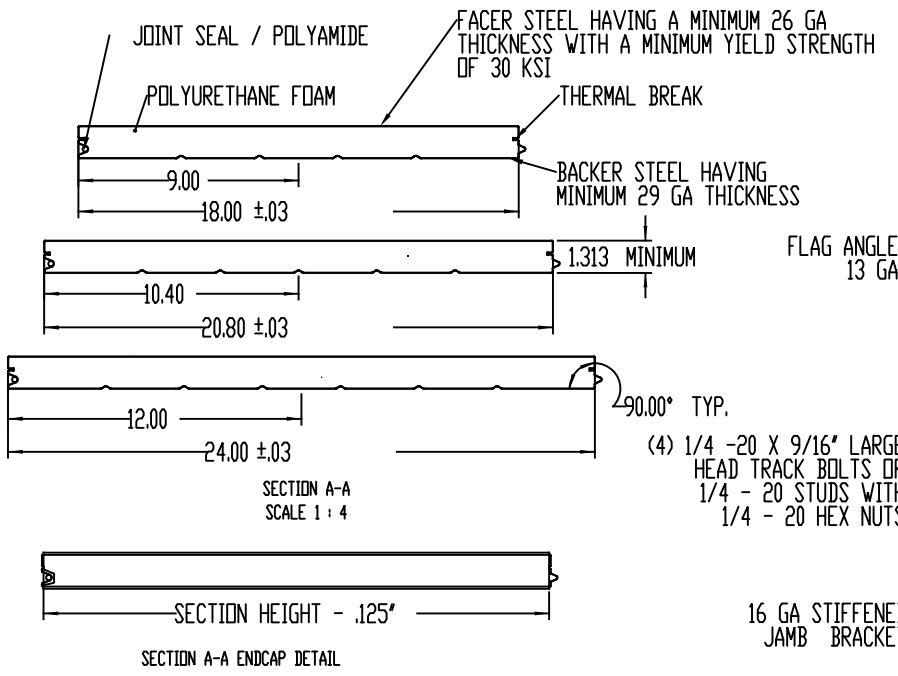
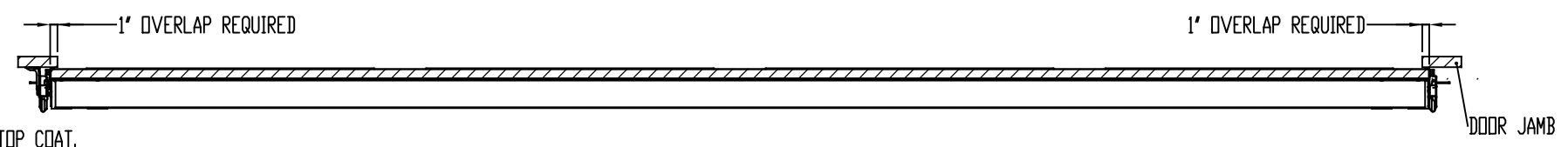


NOTES: (UNLESS OTHERWISE SPECIFIED)

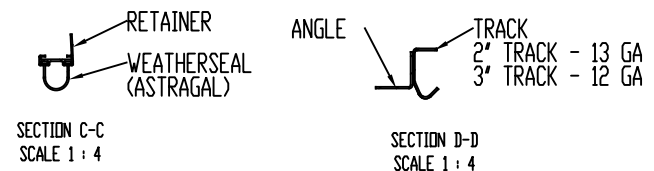
THE DOORS ARE DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2018 IRC AND THE 2018 IBC.

REVISIONS				
ER	REV	DESCRIPTION	DATE	APVL
ER	P00	NEW DRAWING	8/28/18	ESC
32442	A	ADDED IRC/IBC NOTE	8/20/20	TLC

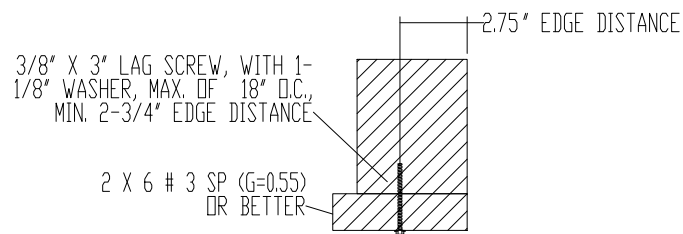
- RATED DESIGN LOAD +46/-52 PSF.
- SECTION HEIGHTS MAY VARY TO CREATE VARIOUS DOOR HEIGHTS, 24" MAXIMUM SECTION HEIGHT.
- MINIMUM 1" OVERLAP ON BOTH JAMBS REQUIRED TO MEET NEGATIVE DESIGN PRESSURES.
- TESTED IN ACCORDANCE WITH DADE COUNTY PROTOCOLS TAS 201-94, TAS 202-94, & TAS 203-94.
- DOOR SKIN MUST BE 30,000 PSI MIN. YIELD STRENGTH.
- JAMB LOAD CALCULATIONS:
 $(1/2 \text{ DOOR WIDTH}) \times (1 \text{ FT OF HEIGHT}) \times (\text{DESIGN PRESSURE})$
 $(8.08 \times 1 \text{ FOOT}) \times (46.00 \text{ AND } -52.00) \times (371.68 / -420.16) \text{ LB}$
- JAMB FASTENER REQUIREMENTS:
 $F_x = (1/2 \text{ DOOR WIDTH}) \times (1 \text{ FT OF HEIGHT}) \times (\text{DESIGN PRESSURE})$
 $F_x = 371 \text{ LBS.}$
- 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.
- 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.
- WELD SLOT ON ANGLE 3/32" X 1" LONG ON 12" CENTERS, "IF WELDING MOUNTING OPTION IS CHOSEN."
- LIFT UP MECHANISM-MANUAL, CHAIN LIFT, OR OPERATOR IS NOT PART OF THIS APPROVAL.
- 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.
- ATTACH STRUTS WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS AT ALL HINGE LOCATIONS AND (2) BETWEEN EACH INTERMEDIATE HINGE.
- KEY LOCK, OR SIDE LOCK REQUIRED.
- IMPACT RESISTANT GLAZING OPTION- IMPACT RESISTANT GLAZING SYSTEM MAY BE INSTALLED IN TOP OR INTERMEDIATE SECTIONS. GLAZING SHALL BE 1/4" POLYCARBONATE, FASTENED WITH # 8 X 1" SMS. SEE DETAIL F-F ON SHEET 2 FOR ASSEMBLY DETAILS. MAXIMUM OF ONE GLAZED SECTION.
- 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.
- A 2-1/4" X 6-3/8" X 22 GA BACKER PLATE IS TO BE LOCATED AT EVERY CENTER HINGE AND 3' X 3-3/4" X 22 GA BACKER PLATE AT EACH END HINGE LOCATION. EACH IS ADHERED TO THE INTERIOR OF THE SECTION BACKER STEEL.



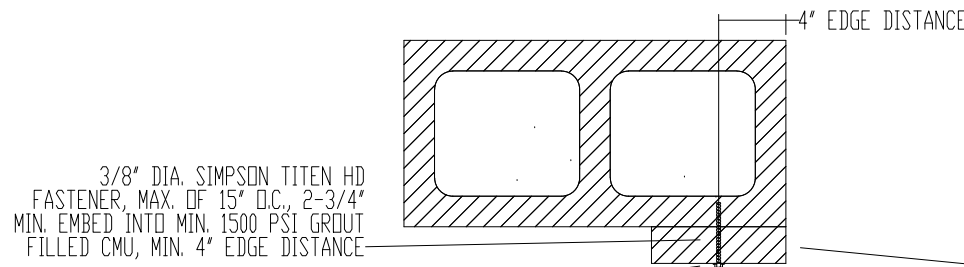
J. CHRISTIAN VOELKEL, PE
 312 N. NEW WARRINGTON ROAD, UNIT 1A
 PENSACOLA, FL
 FL PE 82229 TX PE 133174
 PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.



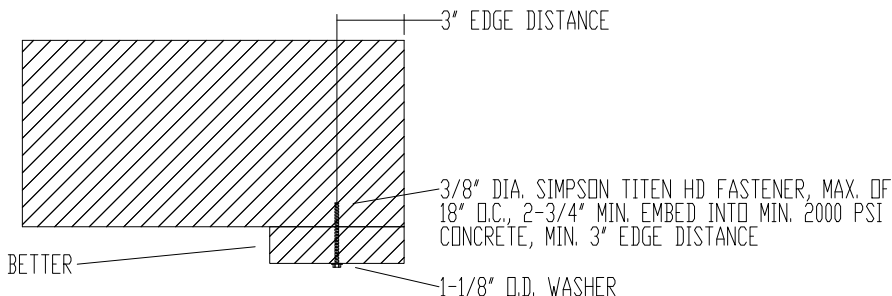
THIRD ANGLE PROJECTION 	INTERPRET DIMS & TOLS PER ASME Y14.5M ALL DIMS ARE IN INCHES DO NOT SCALE DIMS CIRCLED WITH SYMBOL ' (INSP-TBN) ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.	TOLERANCES: .X = ±.1 .XX = ±.03 .XXX = ±.010 ANGULAR = ±.5°	APPROVALS DATE DRAWN E. CONRAD 8/28/18 CHECKED D. KORNISH - APPROVED - - MATERIAL - - FINISH - -	Wayne Dalton GARAGE DOORS PENSACOLA, FLORIDA DESCRIPTION WINDLOAD MODELS 4600/4650/6600/8300/8500/8650/5150/5200/TM515/TM525, +46/-52PSF DADE COUNTY, 16'2" MAX WIDTH
		HOLES: < 0.251 = +.004/-0.003 0.251-0.500 = +.006/-0.003 > 0.500 = +.008/-0.003	WINDLOAD SPECIFICATION OPTION CODE 2341	
A DIVISION OF OVERHEAD DOOR CORP 3395 ADDISON DRIVE PENSACOLA, FLORIDA 32514 (850)-474-9890		ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:		SCALE 1:12 UDM = EA SHEET 1 OF 4



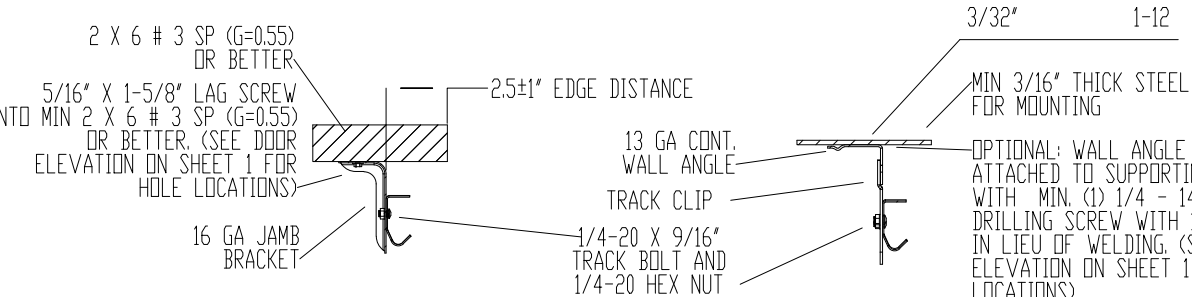
WOOD MOUNTED TO # 3 SOUTHERN PINE SUBSTRATE



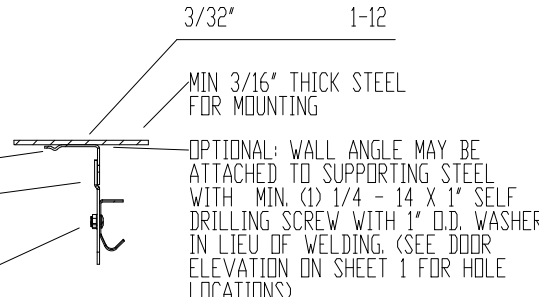
WOOD MOUNTED TO GROUT FILLED MASONRY BLOCK DETAIL



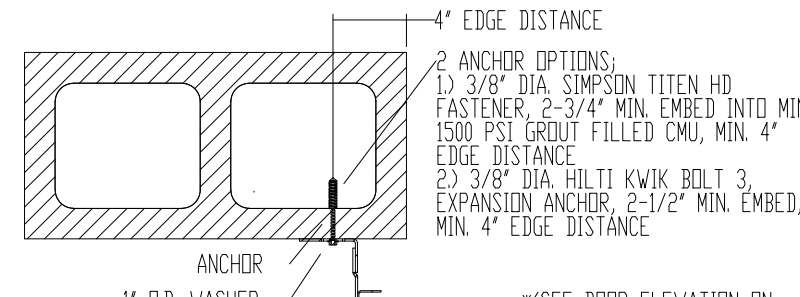
WOOD MOUNTED TO 2000 PSI CONCRETE DETAIL



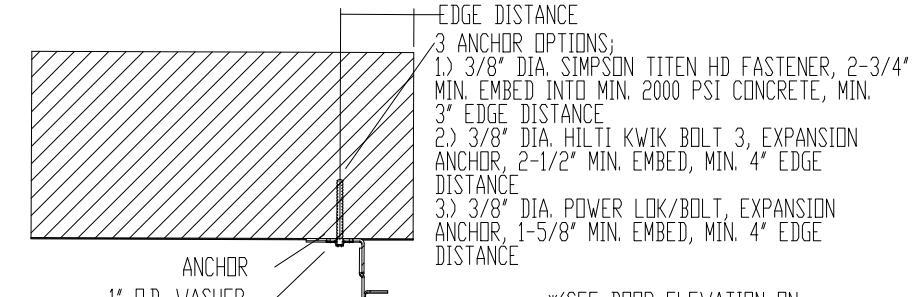
MOUNTING TO WOOD JAMB DETAIL



MOUNTING TO STEEL JAMB DETAIL

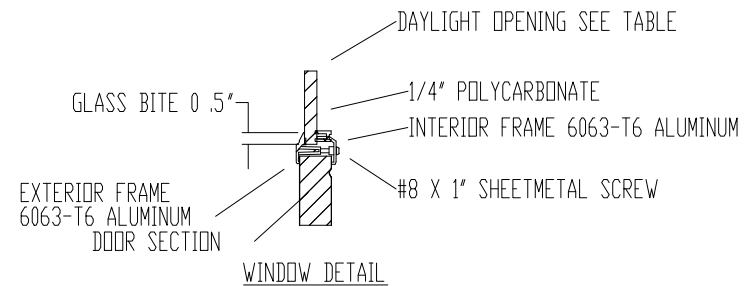


MOUNTING TO GROUT FILLED MASONRY BLOCK DETAIL

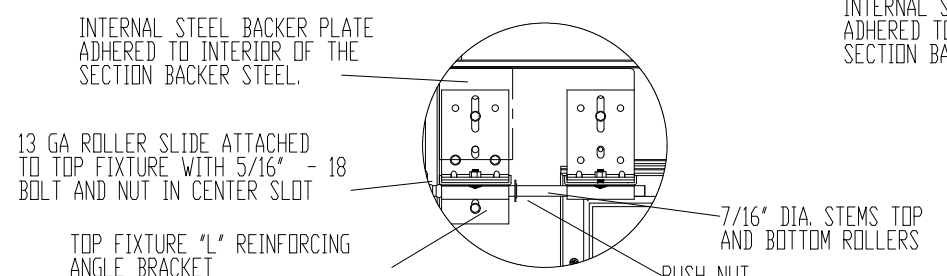


MOUNTING TO 2000 PSI CONCRETE DETAIL

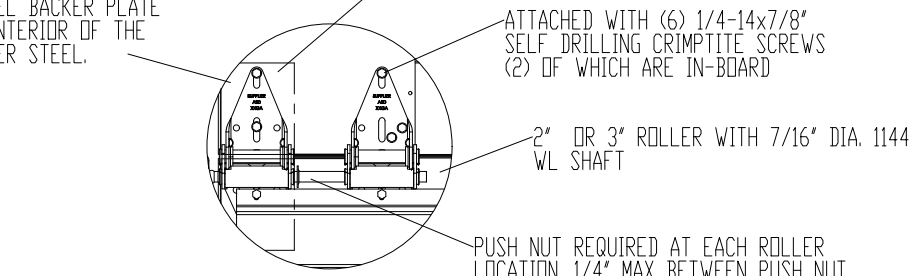
SECTION E-E
SCALE 1:4



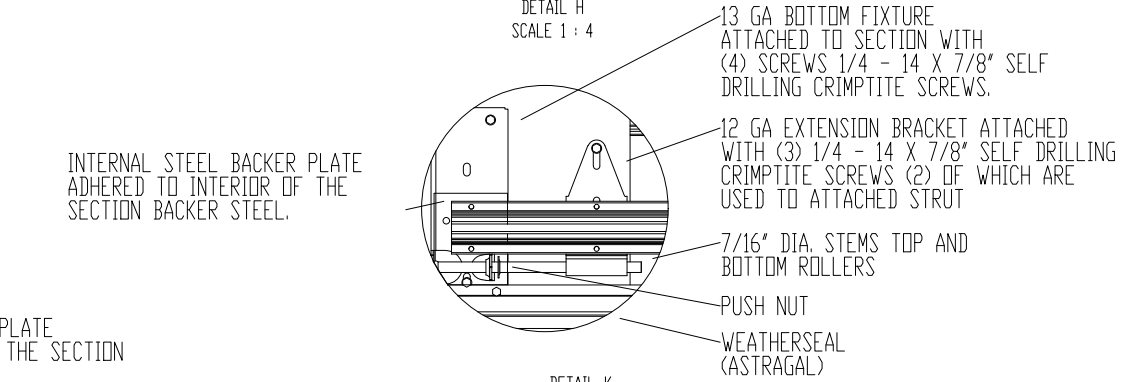
SECTION F-F
SCALE 1:4



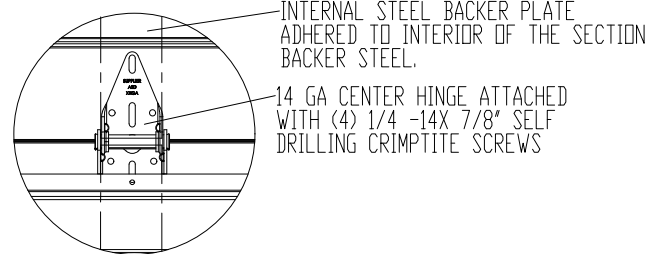
DETAIL H
SCALE 1:4



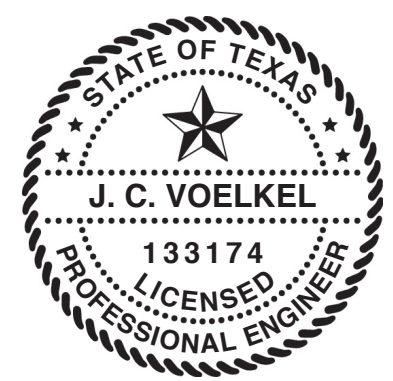
DETAIL I
SCALE 1:4



DETAIL K
SCALE 1:4



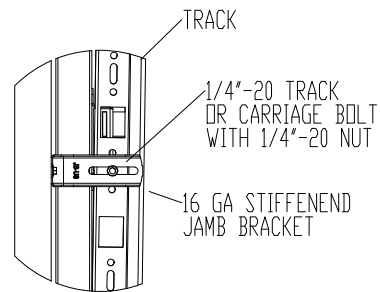
DETAIL J
SCALE 1:4



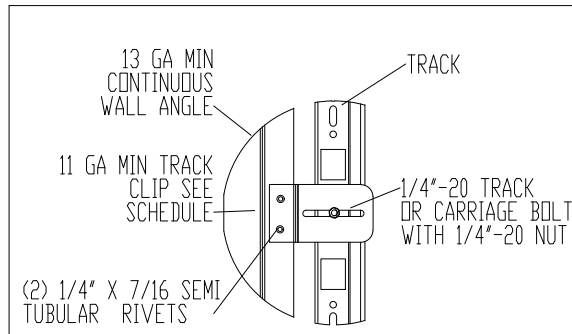
J. CHRISTIAN VOELKEL, PE
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PENSACOLA, FL
FL PE 82229 TX PE 133174
PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR
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THIRD ANGLE PROJECTION		UNLESS OTHERWISE SPECIFIED		APPROVALS		DATE	PENSACOLA, FLORIDA	
	INTERPRET DIMS & TOLS PER ASME Y14.5M	TOLERANCES:		DRAWN	E. CONRAD	8/28/18	DESCRIPTION WINDLOAD MODELS 4600/4650/6600/8300/ 8500/8650/5150/5200/TM515/TM525, +46/-52PSF DADE COUNTY, 16'2" MAX WIDTH	
	ALL DIMS ARE IN INCHES	.X = ±.1	.XX = ±.03	CHECKED	D. KORNISH	-		
DO NOT SCALE	DIMS CIRCLED WITH SYMBOL ' (INSP-TBN) ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.	.XXX = ±.010	ANGULAR = ±.5°	APPROVED	-	-	SIZE	DWG NO.
A DIVISION OF OVERHEAD DOOR CORP 3395 ADDISON DRIVE PENSACOLA, FLORIDA 32514 (850)-474-9890		HOLE:		FINISH		-	WINDLOAD SPECIFICATION	OPTION CODE 2341
		ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:					SCALE 1:12	UOM = EA
								SHEET 2 OF 4

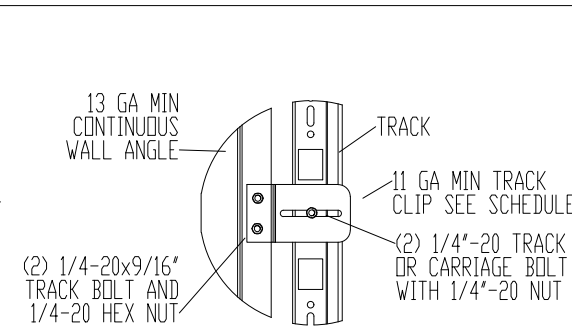
NOTES: (UNLESS OTHERWISE SPECIFIED)
 1. ONE 4" STRUT PER SECTION, AND ONE 3" STRUT PER BOTTOM SECTION, ATTACHED WITH 1/4"-14X7/8" SELF DRILLING CRIMPTITE SCREWS.



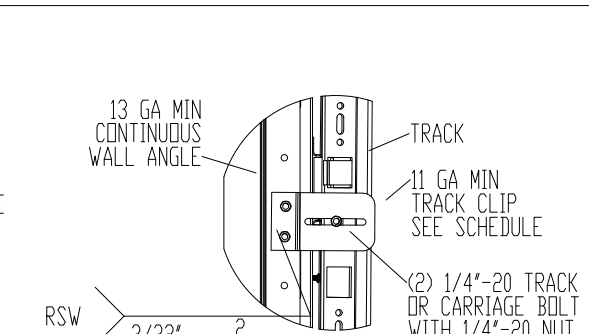
TYPICAL TRACK AND JAMB FASTENERS DETAIL



TYPICAL TRACK CLIP RIVETING DETAIL

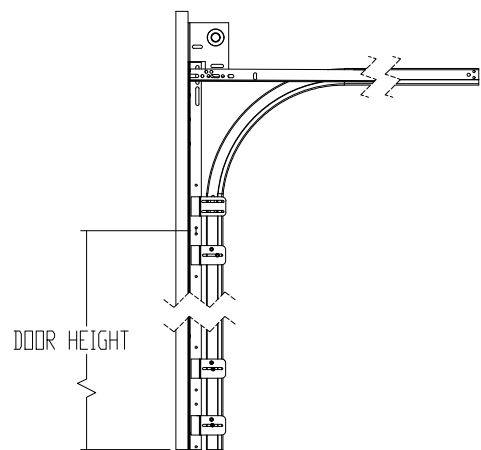


TYPICAL TRACK CLIP BOLTING DETAIL
 OPTIONAL WALL ANGLE TRACK

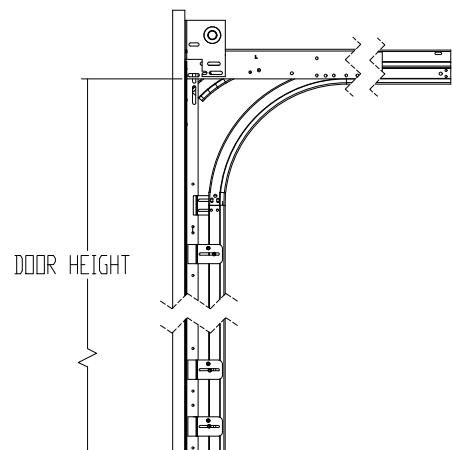


TYPICAL TRACK CLIP WELDING DETAIL

DETAIL M
 SCALE 1 : 4

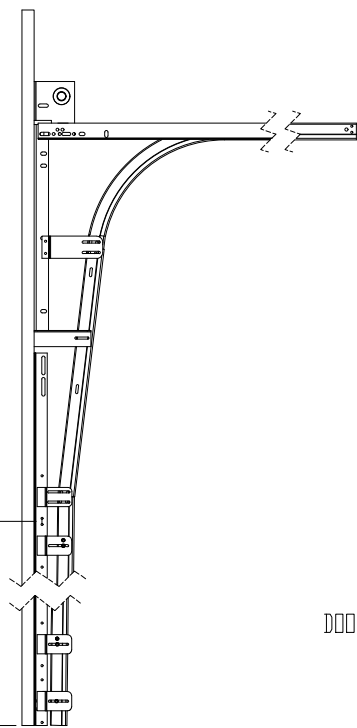


STANDARD LIFT TRACK DETAIL

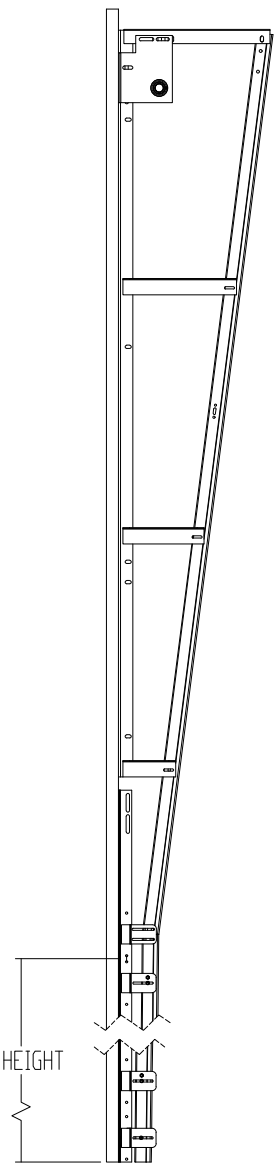


LOW HEADROOM TRACK DETAIL

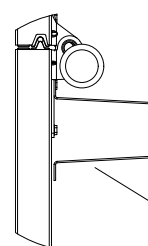
TRACK DETAIL
 SCALE 1 : 12



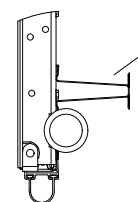
HIGH LIFT TRACK DETAIL



VERTICAL LIFT TRACK DETAIL



DETAIL N
 SCALE 1 : 4



DETAIL O
 SCALE 1 : 4

4" STRUT OVERLAPPED ONTO HINGES, ATTACHED WITH (2) 1/4"-14X7/8" SELF DRILLING CRIMPTITE SCREWS AT EACH HINGE LOCATION AND (2) BETWEEN EACH CENTER HINGE FOR EACH STRUT

3" STRUT ATTACHED WITH (2) 1/4"-14X7/8" SELF DRILLING CRIMPTITE SCREWS AT EACH HINGE LOCATION AND (2) BETWEEN EACH CENTER HINGE FOR EACH STRUT

(6) SECTION DOORS WITH
 (6) 4" 16 GA 80 KSI U- BARS
 (1) 3" 20 GA 80 KSI U- BARS
 LOCATED AS SHOWN

(5) SECTION DOORS WITH
 (5) 4" 16 GA 80 KSI U- BARS
 (1) 3" 20 GA 80 KSI U- BARS
 LOCATED AS SHOWN

(4) SECTION DOORS WITH
 (4) 4" 16 GA 80 KSI U- BARS
 (1) 3" 20 GA 80 KSI U- BARS
 LOCATED AS SHOWN

(7) SECTION DOORS WITH
 (7) 4" 16 GA 80 KSI U- BARS
 (1) 3" 20 GA 80 KSI U- BARS
 LOCATED AS SHOWN

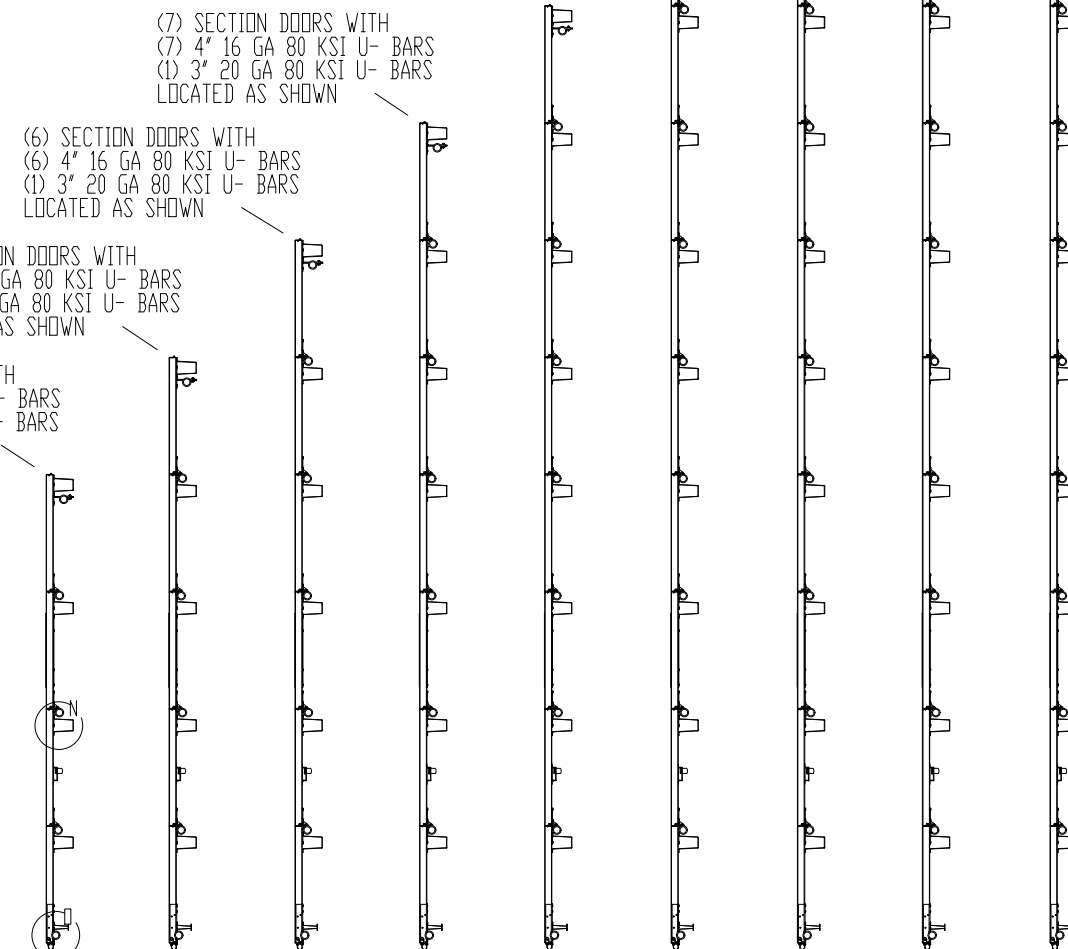
(8) SECTION DOORS WITH
 (8) 4" 16 GA 80 KSI U- BARS
 (1) 3" 20 GA 80 KSI U- BARS
 LOCATED AS SHOWN

(9) SECTION DOORS WITH
 (9) 4" 16 GA 80 KSI U- BARS
 (1) 3" 20 GA 80 KSI U- BARS
 LOCATED AS SHOWN

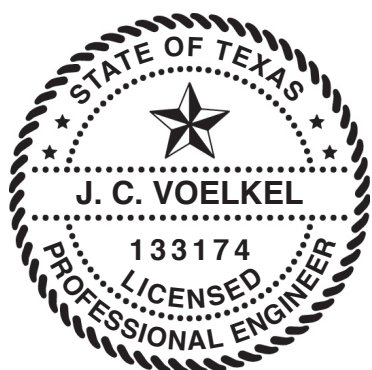
(10) SECTION DOORS WITH
 (10) 4" 16 GA 80 KSI U- BARS
 (1) 3" 20 GA 80 KSI U- BARS
 LOCATED AS SHOWN

(11) SECTION DOORS WITH
 (11) 4" 16 GA 80 KSI U- BARS
 (1) 3" 20 GA 80 KSI U- BARS
 LOCATED AS SHOWN

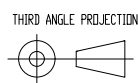
(12) SECTION DOORS WITH
 (12) 4" 16 GA 80 KSI U- BARS
 (1) 3" 20 GA 80 KSI U- BARS
 LOCATED AS SHOWN



STRUT LOCATIONS
 SCALE 1:20



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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 ' (INSP-IBN)
 ARE CRITICAL TO QUALITY DESIGN
 FEATURES & MUST MEET APPLICABLE
 IN-PROCESS INSPECTION STANDARDS.

UNLESS OTHERWISE SPECIFIED
 TOLERANCES:
 .X = ±.1
 .XX = ±.03
 .XXX = ±.010
 ANGULAR = ±.5°
 HOLES:
 < 0.251 = +.004/-0.03
 0.251-0.500 = +.006/-0.03
 > 0.500 = +.008/-0.03

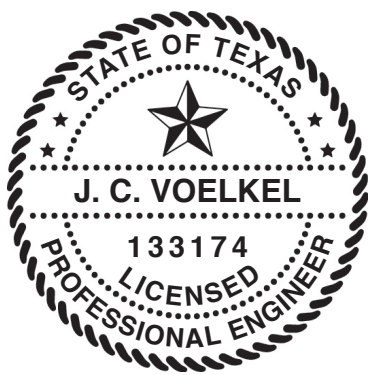
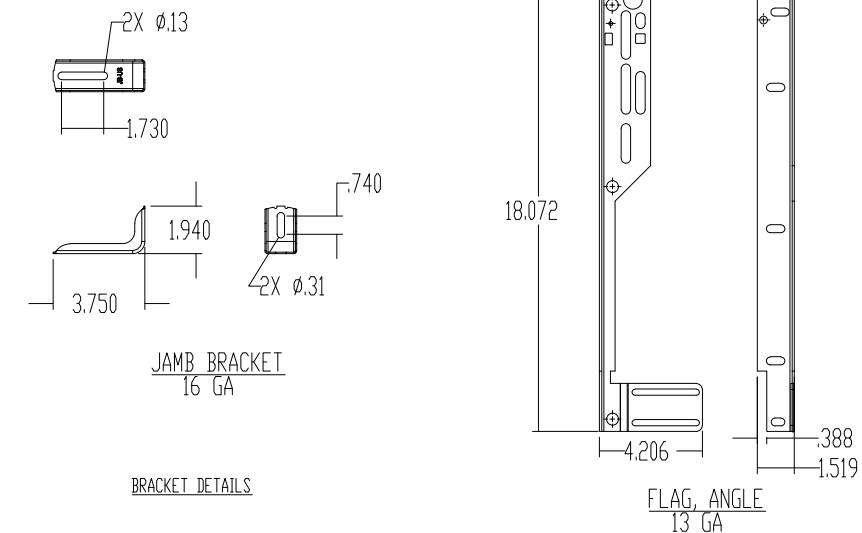
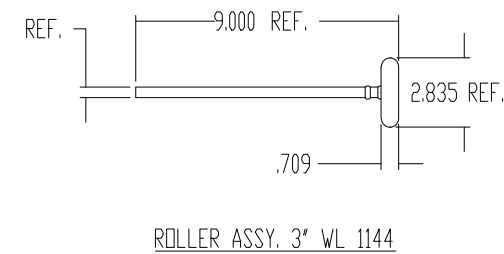
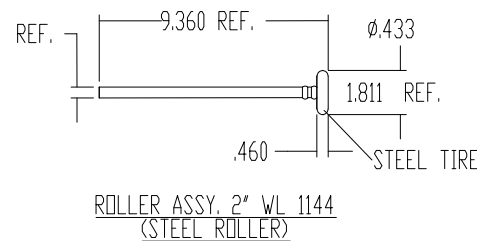
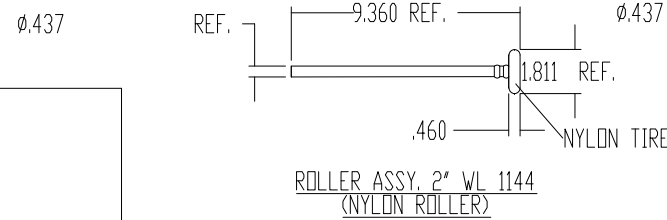
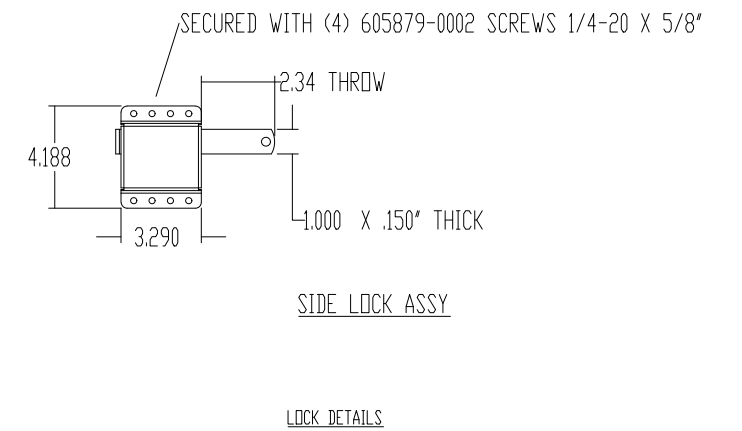
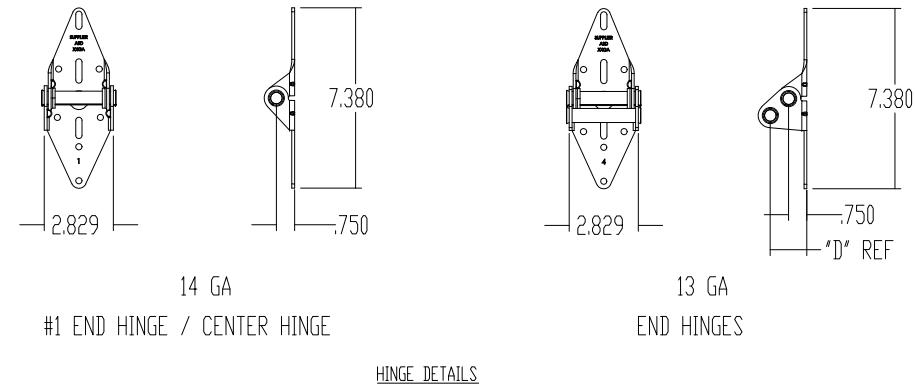
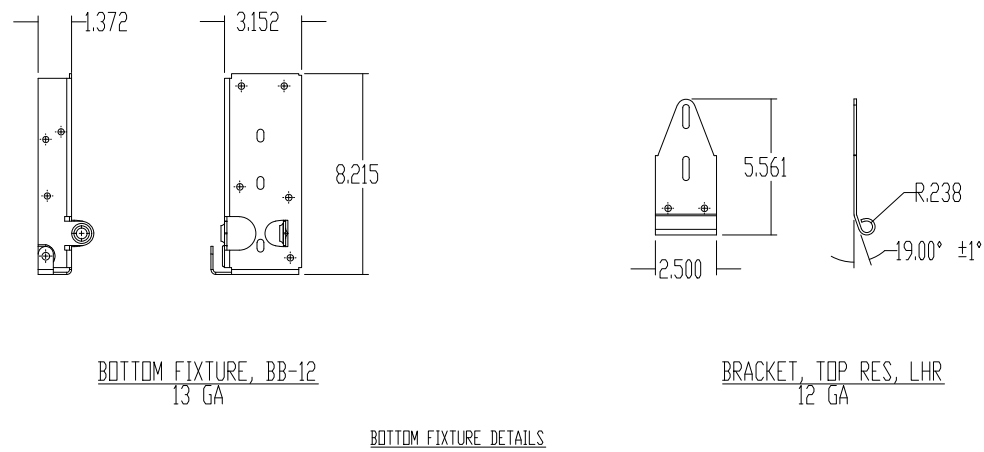
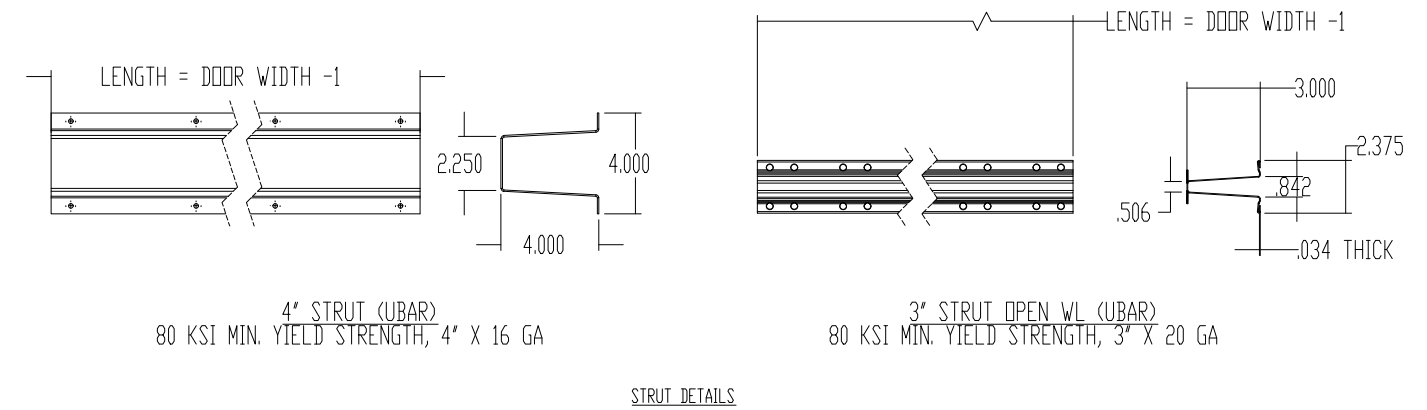
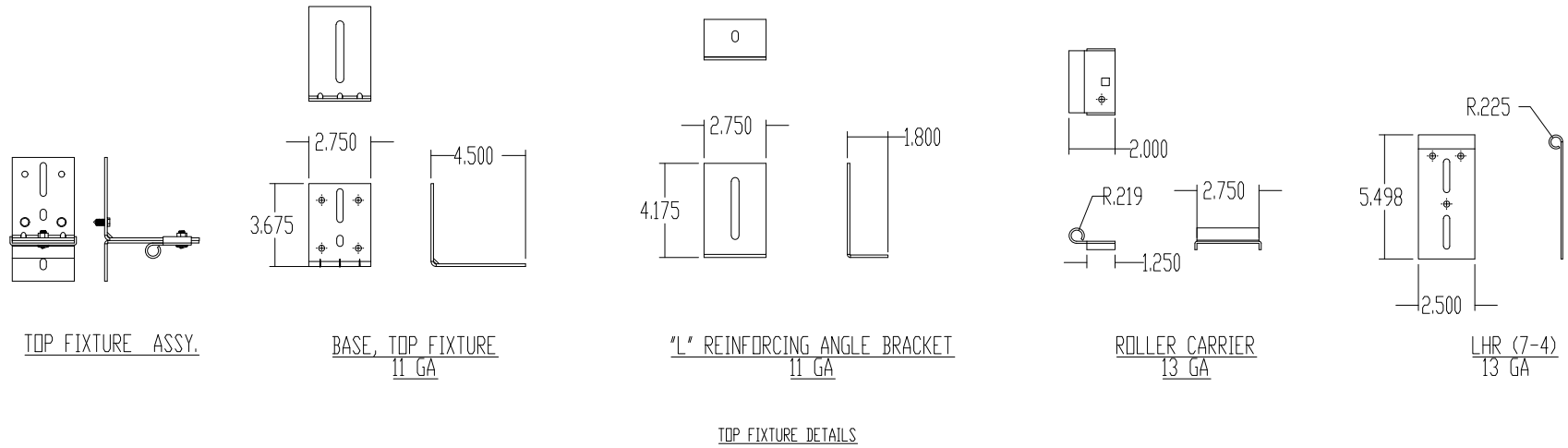
ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:

APPROVALS		DATE
DRAWN	E. CONRAD	8/28/18
CHECKED	D. KORNISH	-
APPROVED	-	-
MATERIAL	-	-
FINISH	-	-

WINDLOAD SPECIFICATION
 OPTION CODE 2341

PENSACOLA, FLORIDA		
DESCRIPTION WINDLOAD MODELS 4600/4650/6600/8300/ 8500/8650/5150/5200/TM515/TM525, +46/-52PSF DADE COUNTY, 16'2" MAX WIDTH		
SIZE	DWG NO. D-363475	REV A
SCALE 1:12	UDM = EA	SHEET 3 OF 4

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



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 FL PE 82229 TX PE 133174
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	UNLESS OTHERWISE SPECIFIED		APPROVALS DATE	PENSACOLA, FLORIDA
	INTERPRET DIMS & TOLS PER ASME Y14.5M ALL DIMS ARE IN INCHES DO NOT SCALE DIMS CIRCLED WITH SYMBOL ' (INSP-TBN) 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/-0.003 Ø.251-Ø.500 = +.006/-0.003 > Ø.500 = +.008/-0.003 ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:	DRAWN E. CONRAD 8/28/18 CHECKED D. KORNISH APPROVED MATERIAL FINISH WINDLOAD SPECIFICATION OPTION CODE 2341	
A DIVISION OF OVERHEAD DOOR CORP 3395 ADDISON DRIVE PENSACOLA, FLORIDA 32514 (850)-474-9890	SCALE 1:12	UDM =	SHEET 4 OF 4	