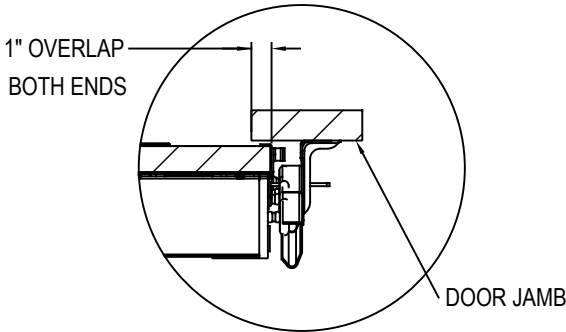


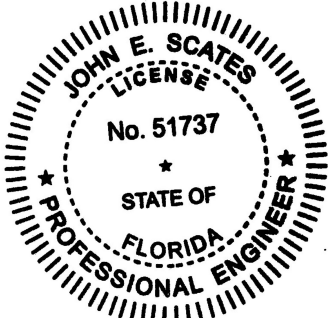
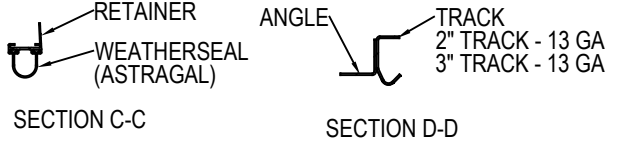
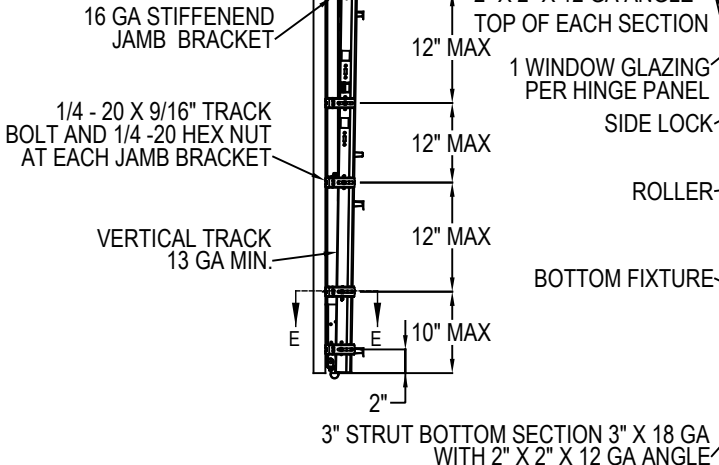
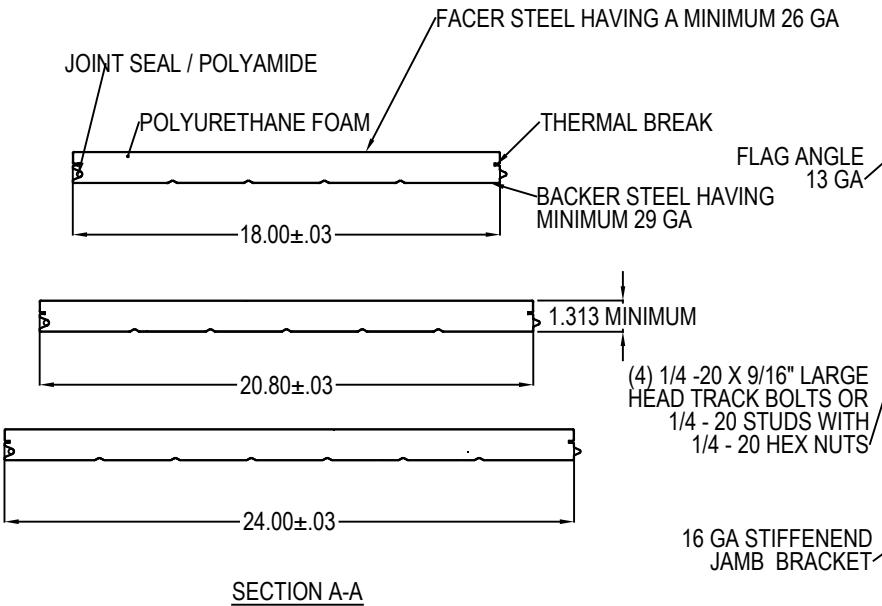
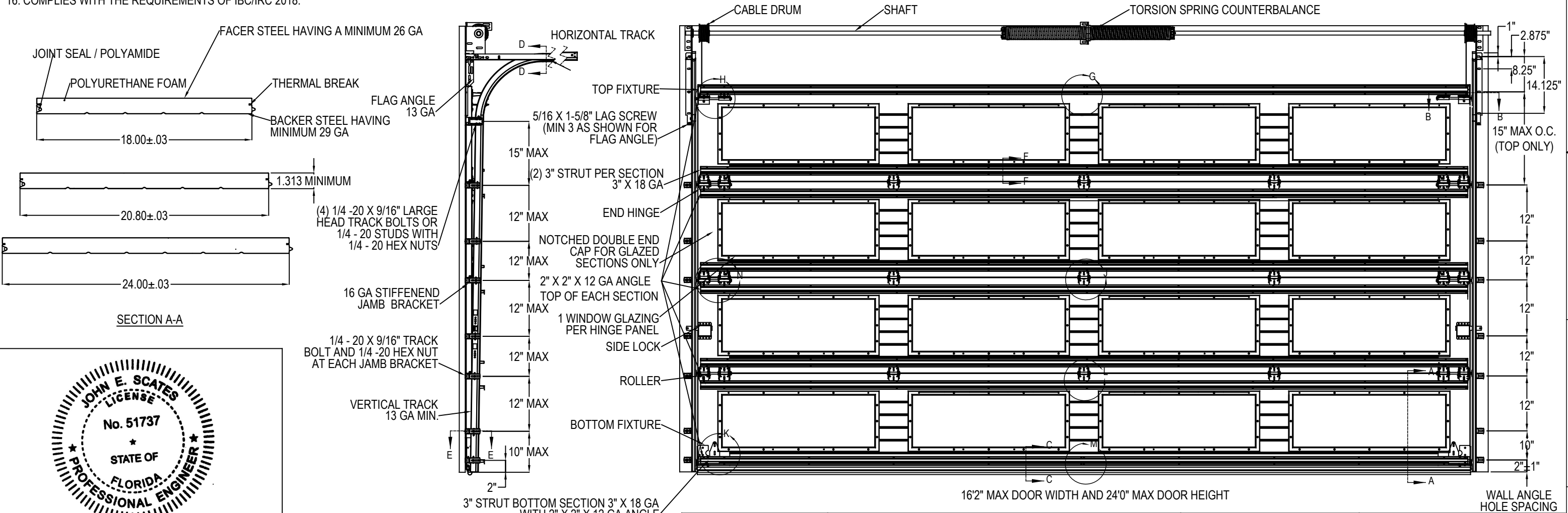
NOTES: (UNLESS OTHERWISE SPECIFIED)

1. RATED DESIGN LOAD +46/-52 PSF.
2. SECTION HEIGHTS MAY VARY TO CREATE VARIOUS DOOR HEIGHTS, 24" MAXIMUM SECTION HEIGHT.
3. MINIMUM 1" OVERLAP ON BOTH JAMBS REQUIRED.
4. TESTED IN ACCORDANCE WITH TAS 201-94, TAS 202-94, & TAS 203-94.
5. DOOR SKIN MUST BE 30,000 PSI MIN. YIELD STRENGTH. 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.
6. JAMB LOAD CALCULATIONS:
(1/2 DOOR WIDTH)(1 FT OF HEIGHT)(DESIGN PRESSURE)
(8.067)(1 FOOT)(46.00 AND -52.00)=(371/-420) LB
8. USE ONE 5/16" LAG SCREW PER TRACK BRACKET WITH 1-1/2" EMBEDMENT INTO SOUTHERN PINE (S.G.=0.55) OR BETTER.
9. 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.
10. ATTACH STRUTS WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS AT ALL HINGE LOCATIONS AND (2) BETWEEN EACH INTERMEDIATE HINGE. TYP. STRUT LOCATED AT TOP AND/ OR AT BOTTOM OF SECTION. TOP AND BOTTOM OF THE DOOR STRUTS HAVE ADDITIONAL SCREWS, SEE DETAILS G AND M.
11. KEY LOCKS, OR SIDE LOCKS REQUIRED THAT ENGAGE BOTH TRACKS.
12. IMPACT RESISTANT GLAZING OPTION- IMPACT RESISTANT GLAZING SYSTEM MAY BE INSTALLED IN ALL SECTIONS. GLAZING SHALL BE 1/4" POLYCARBONATE. 44.1" X 16.8" MAXIMUM SIZE, FASTENED WITH # 8 X 1" SMS: 5X MAX ALONG THE HORIZONTAL AND 3X MAX ALONG THE VERTICAL. SEE DETAIL F-F AND TABLE A ON SHEET 2 FOR ASSEMBLY DETAILS.
13. 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.
14. A 4-1/2" X 6" X 22 GA BACKER PLATE IS TO BE LOCATED AT EVERY INTERMEDIATE AND OUTER END HINGE LOCATIONS.
15. THIS DRAWING PROVIDES WINDLOAD ASSEMBLY DETAILS FOR THE CLAIMED SIZES AND PRESSURES.
16. COMPLIES WITH THE REQUIREMENTS OF IBC/IRC 2018.

REVISIONS				
ER	REV	DESCRIPTION	DATE	APVL
ER	-	NEW DRAWING	10/25/21	JQ
WL007	A	UPDATED PER ER	12/15/22	SW

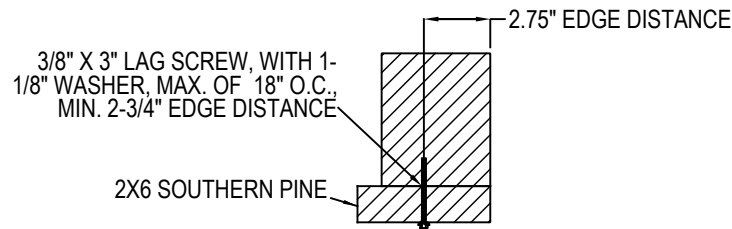


SECTION B-B

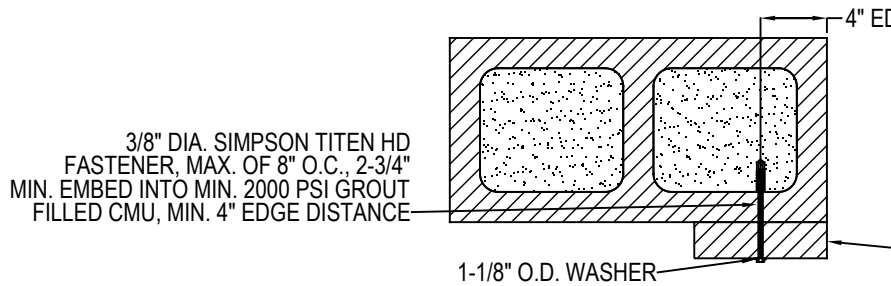


Digitally signed by John E Scates
Date: 2023.02.02 15:05:57 -05'00'
JOHN E. SCATES, PE
2560 KING ARTHUR BLVD #124-54
LEWISVILLE, TEXAS
FL PE 51737
TX PE 56308 / F2203
PRINTED COPIES OF THIS DOCUMENT ARE NOT
CONSIDERED SIGNED AND SEALED AND THE SIGNATURE
MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

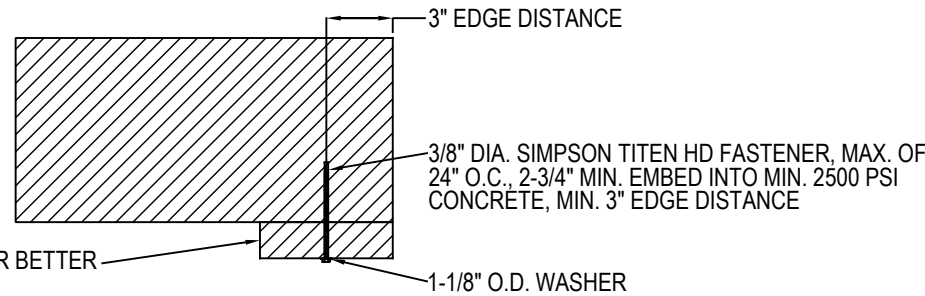
UNLESS OTHERWISE SPECIFIED			APPROVALS		DATE
INTERPRET DIMS & TOLS PER ASME Y14.5M ALL DIMS ARE IN INCHES DO NOT SCALE DIM CIRCLED WITH SYMBOL  ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.			DRAWN	J. QIAN	10/28/21
			CHECKED	D. KORNISH	10/28/21
			APPROVED	-	-
			MATERIAL	-	-
			FINISH	-	-
ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:			DESCRIPTION		
			WINDLOAD MODELS 6600/8300/8350 /8500/8600/5150/5200, +46/-52 PSF, 16'2" MAX WIDTH		
			SIZE DWG NO.		REV
			D D-365446		A
			SCALE 1:12	UOM = EA	SHEET 1 OF 4



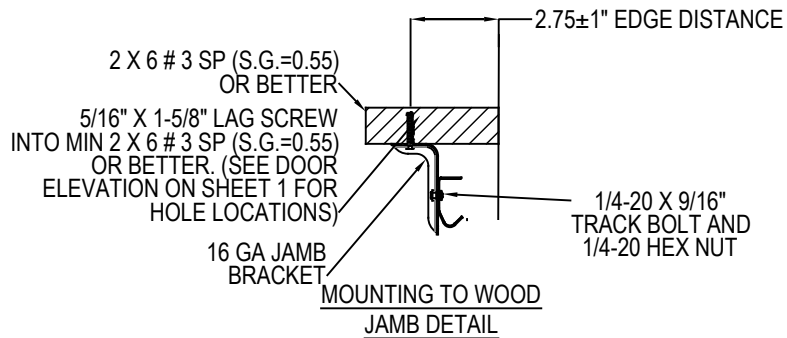
WOOD MOUNTED TO SOUTHERN PINE SUBSTRATE



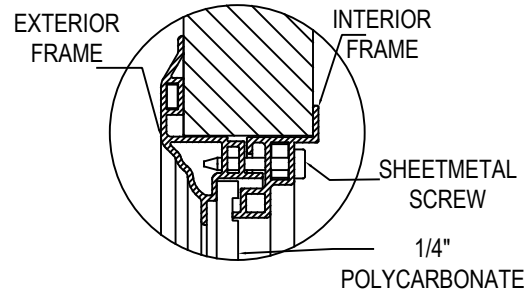
WOOD MOUNTED TO GROUT FILLED MASONRY
BLOCK DETAIL



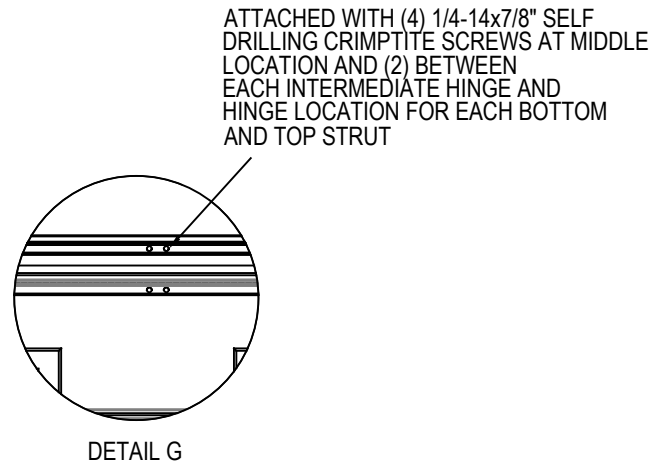
WOOD MOUNTED TO 2500 PSI
CONCRETE DETAIL



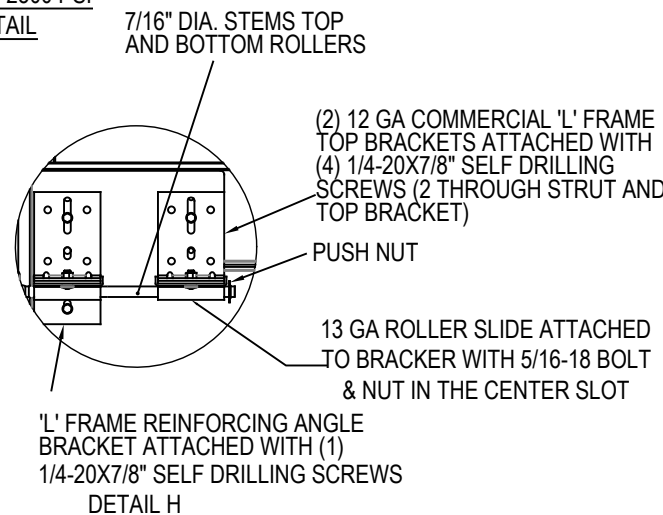
MOUNTING TO WOOD
JAMB DETAIL



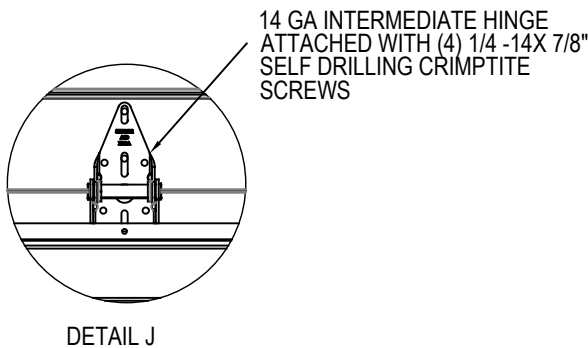
WINDOW DETAIL
SECTION F-F



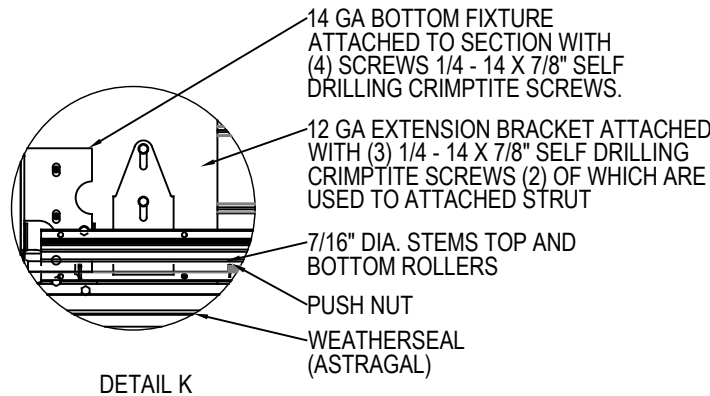
DETAIL G



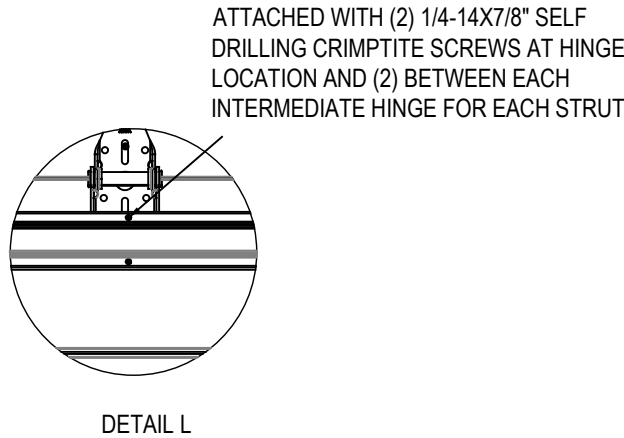
DETAIL H



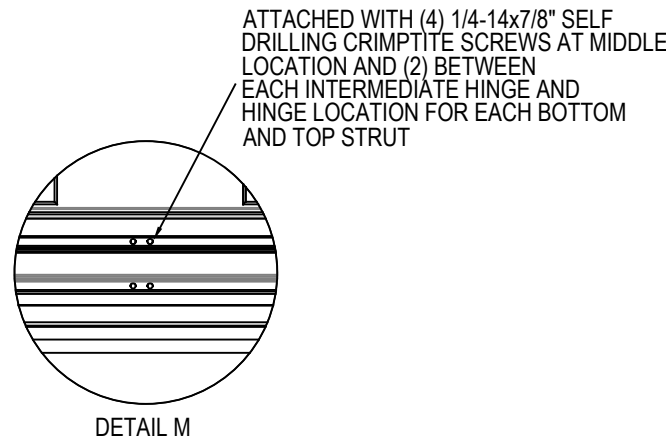
DETAIL J



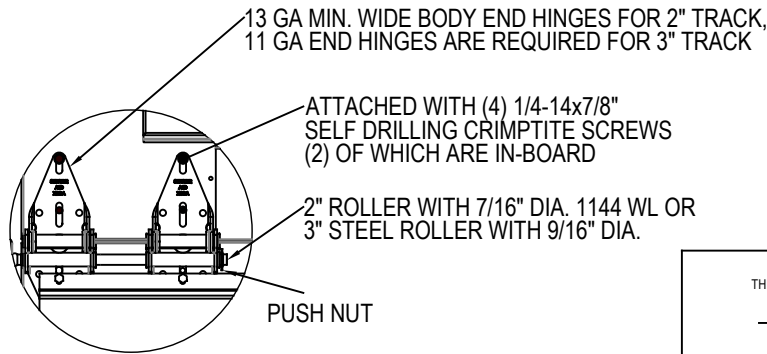
DETAIL K



DETAIL L



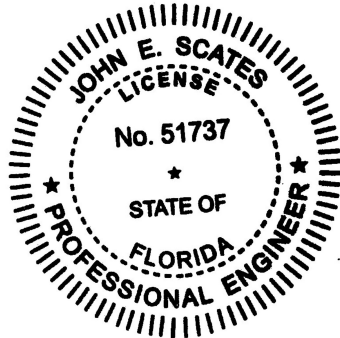
DETAIL M



DETAIL N

IMPACT FRAME SIZE	DAYLIGHT OPENING (DLO)	SCREW QTY
19.2 X 15.3	15 X 11	10 ((2) VERTICAL, (3) HORIZONTAL)
19.8 X 16.8	15.75 X 12.75	10 ((2) VERTICAL, (3) HORIZONTAL)
40 X 12.8	35.8 X 8.6	14 ((2) VERTICAL, (5) HORIZONTAL)
42 X 16.8	37.8 X 12.75	14 ((2) VERTICAL, (5) HORIZONTAL)
41.2 X 7.1	37 X 3	10 ((1) VERTICAL, (5) HORIZONTAL)
44.1 X 16.8	40.13 X 11.25	18 ((3) VERTICAL, (6) HORIZONTAL)

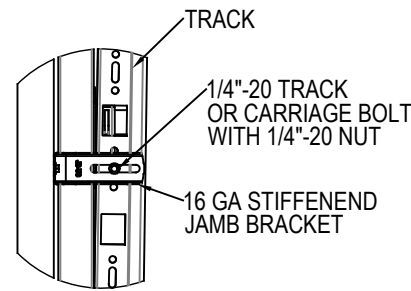
TABLE A



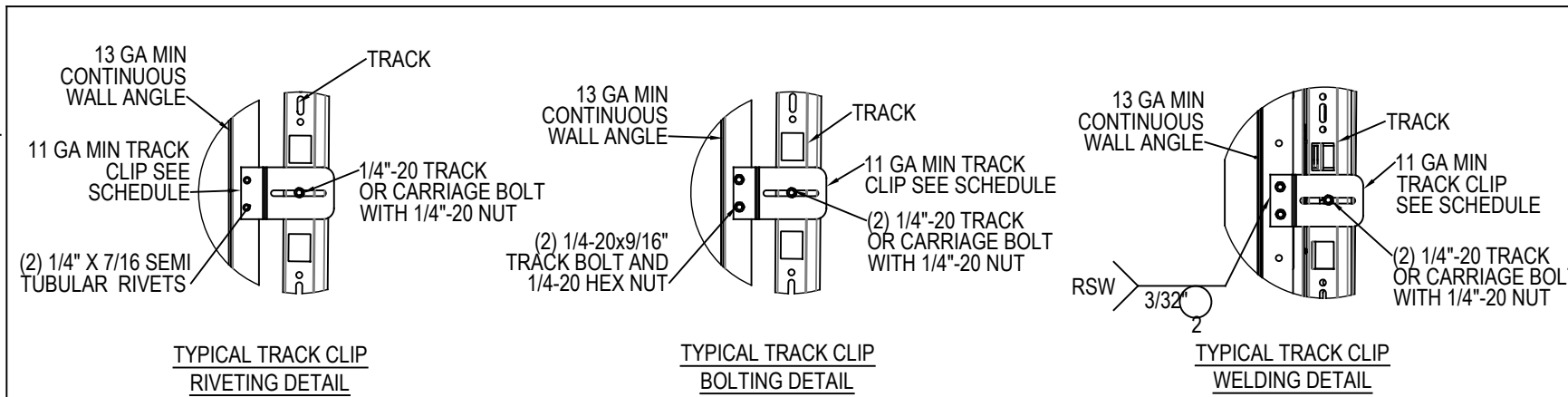
JOHN E. SCATES, PE
2560 KING ARTHUR BLVD #124-54
LEWISVILLE, TEXAS
FL PE 51737

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.

THIRD ANGLE PROJECTION 	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 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:	DRAWN J. QIAN 10/28/21	CHECKED D. KORNISH 10/28/21	
			APPROVED -	-	DESCRIPTION WINDLOAD MODELS 6600/8300/8350 /8500/8600/5150/5200, +46/-52 PSF, 16'2" MAX WIDTH
			MATERIAL -	-	SIZED DWG NO. D D-365446
			FINISH -	-	REV A
			SCALE 1:12 UOM = EA SHEET 2 OF 4		



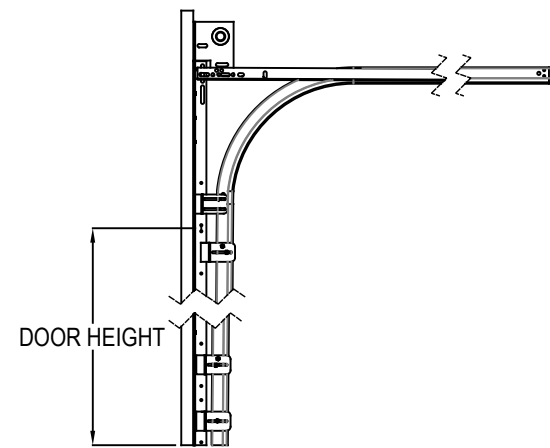
TYPICAL TRACK AND JAMB
FASTENERS DETAIL



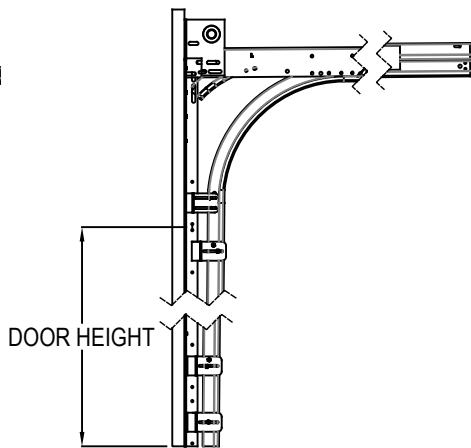
TYPICAL TRACK CLIP
RIVETING DETAIL

TYPICAL TRACK CLIP
BOLTING DETAIL
OPTIONAL WALL ANGLE TRACK

TYPICAL TRACK CLIP
WELDING DETAIL

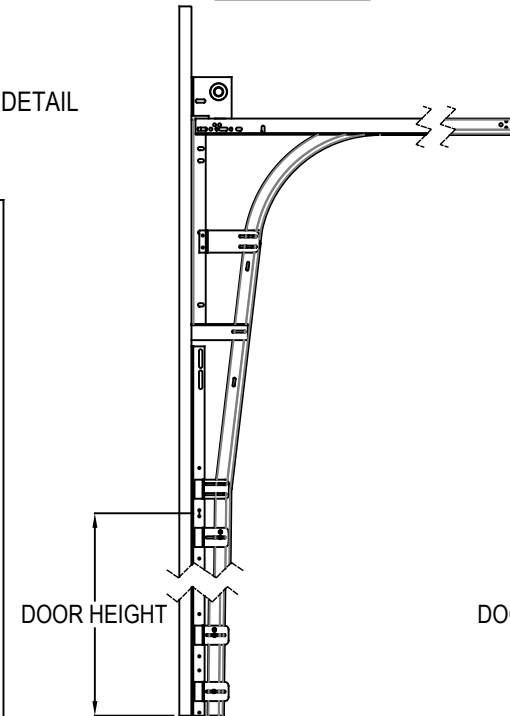


STANDARD LIFT
TRACK DETAIL

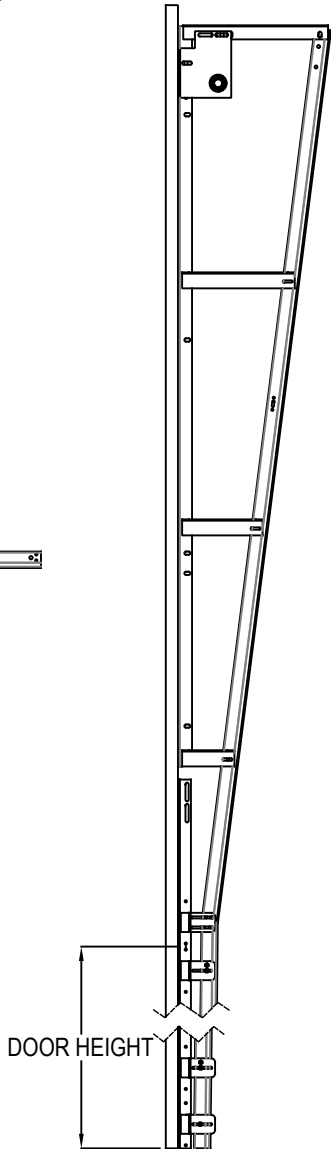


LOW HEADROOM
TRACK DETAIL

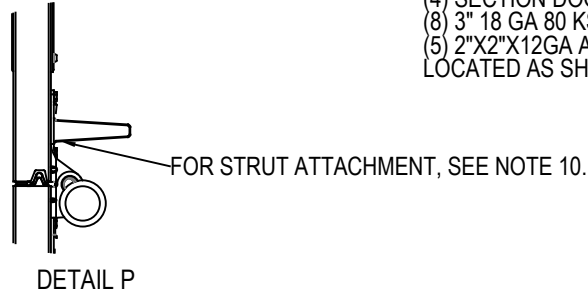
TRACK DETAIL



HIGH LIFT
TRACK DETAIL



VERTICAL LIFT
TRACK DETAIL



DETAIL P

DETAIL Q

ALL 2"x2"x12GA ANGLE SHALL BE ATTACHED WITH
(2) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS
AT EACH HINGE LOCATION AND BETWEEN ALL END
HINGES AND INTERMEDIATE HINGES.

(7) SECTION DOORS WITH
(14) 3" 18 GA 80 KSI U- BARS
(8) 2"x2"x12GA ANGLES
LOCATED AS SHOWN

(6) SECTION DOORS WITH
(12) 3" 18 GA 80 KSI U- BARS
(7) 2"x2"x12GA ANGLES
LOCATED AS SHOWN

(5) SECTION DOORS WITH
(10) 3" 18 GA 80 KSI U- BARS
(6) 2"x2"x12GA ANGLES
LOCATED AS SHOWN

(4) SECTION DOORS WITH
(8) 3" 18 GA 80 KSI U- BARS
(5) 2"x2"x12GA ANGLES
LOCATED AS SHOWN

(8) SECTION DOORS WITH
(16) 3" 18 GA 80 KSI U- BARS
(9) 2"x2"x12GA ANGLES
LOCATED AS SHOWN

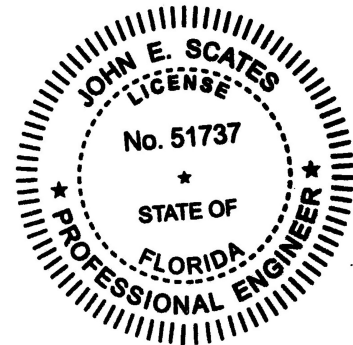
(9) SECTION DOORS WITH
(18) 3" 18 GA 80 KSI U- BARS
(10) 2"x2"x12GA ANGLES
LOCATED AS SHOWN

(10) SECTION DOORS WITH
(20) 3" 18 GA 80 KSI U- BARS
(11) 2"x2"x12GA ANGLES
LOCATED AS SHOWN

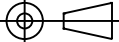
(11) SECTION DOORS WITH
(22) 3" 18 GA 80 KSI U- BARS
(12) 2"x2"x12GA ANGLES
LOCATED AS SHOWN

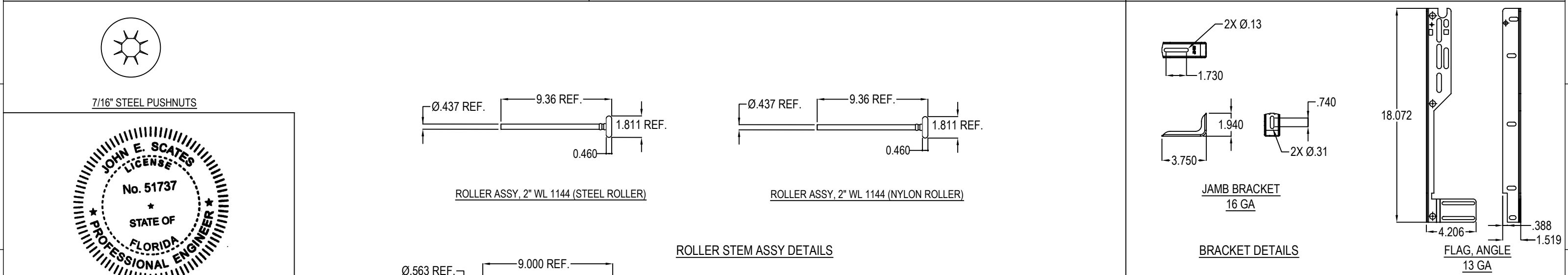
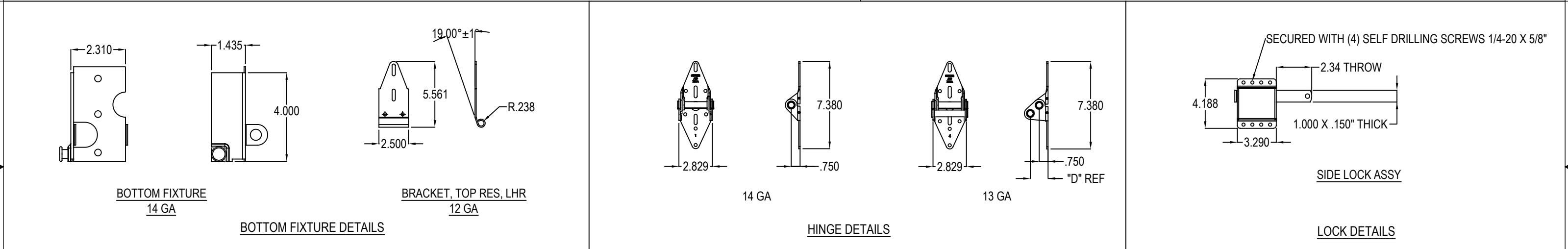
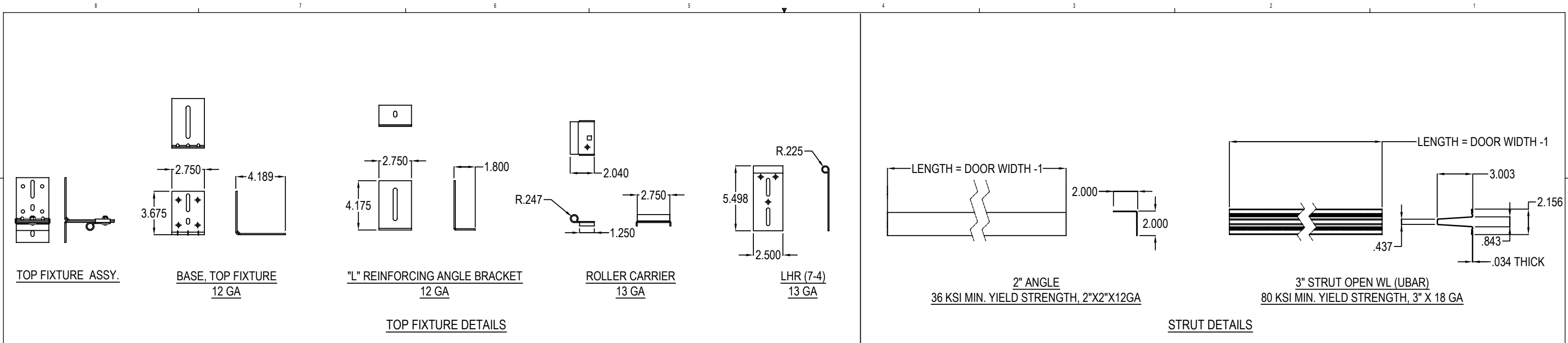
(12) SECTION DOORS WITH
(24) 3" 18 GA 80 KSI U- BARS
(13) 2"x2"x12GA ANGLES
LOCATED AS SHOWN

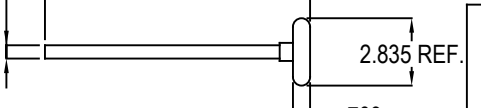
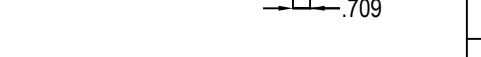
STRUT LOCATIONS



JOHN E. SCATES, PE
2560 KING ARTHUR BLVD #124-54
LEWISVILLE, TEXAS
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.

THIRD ANGLE PROJECTION 	UNLESS OTHERWISE SPECIFIED			APPROVALS DATE		PENSACOLA, FLORIDA	
	INTERPRET DIMS & TOLS PER ASME Y14.5M ALL DIMS ARE IN INCHES DO NOT SCALE	TOLERANCES: X = ± .1 .XX = ± .03 .XXX = ± .010 ANGULAR = ± .5° HOLES: < Ø.251 = +.004/- .003 Ø.251-Ø.500 = +.006/- .003 > Ø.500 = +.008/- .003	DRAWN J.QIAN 10/28/21	10/28/21			
			CHECKED D. KORNISH 10/28/21				
			APPROVED - -				
A DIVISION OF OVERHEAD DOOR CORP 3395 ADDISON DRIVE PENSACOLA, FLORIDA 32514 (850)-474-9890	DIMS CIRCLED WITH SYMBOL  ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS	ALL GEOMETRY GOVERNED BY 3D CAD DATABASE: -	MATERIAL - -	DESCRIPTION WINDLOAD MODELS 6600/8300/8350 /8500/8600/5150/5200, +46/-52 PSF, 16'2" MAX WIDTH			
			FINISH - -	SIZE DWG NO.	REV		
			D D-365446	A			



 JOHN E. SCATES, PE 2560 KING ARTHUR BLVD #124-54 LEWISVILLE, TEXAS 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.		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	DO NOT SCALE	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 = ± .1 .XX = ± .03 .XXX = ± .010 ANGULAR = ± .5° HOLES: < Ø .251 = +.004/- .003 Ø .251-Ø .500 = +.006/- .003 > Ø .500 = +.008/- .003	DRAWN J. QIAN 10/28/21	DESCRIPTION WINDLOAD MODELS 6600/8300/8350 /8500/8600/5150/5200, +46/-52 PSF, 16'2" MAX WIDTH	SIZE DWG NO. D D-365446	REV A	
						CHECKED D. KORNISH 10/28/21				
						APPROVED -				
						MATERIAL -				
					FINISH -					
					ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:					
					SCALE 1:12		UOM =		SHEET 4 OF 4	