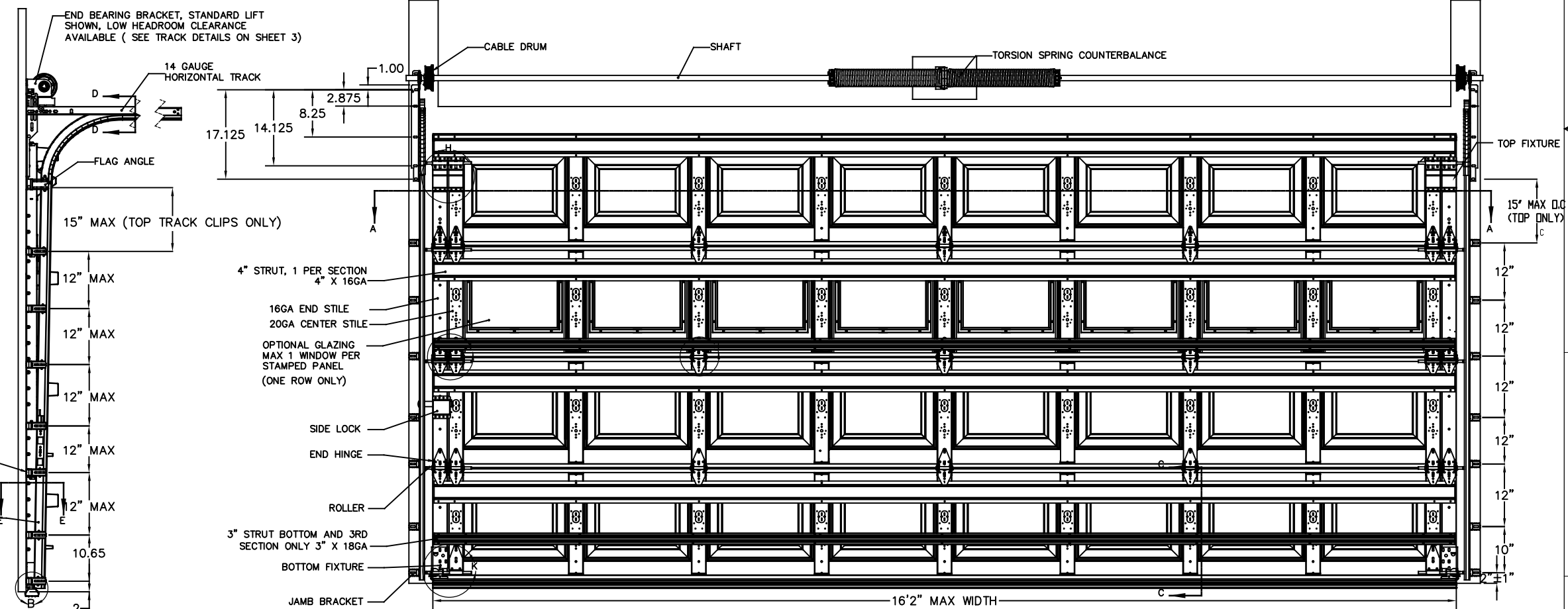
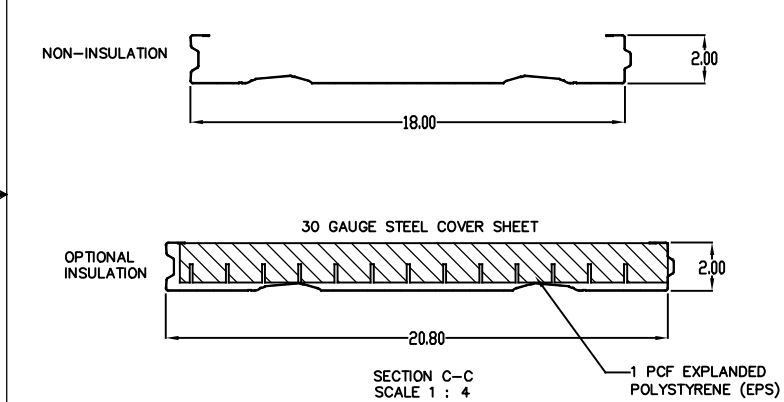
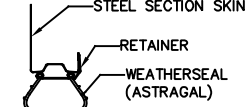
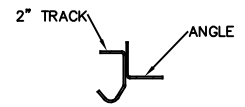
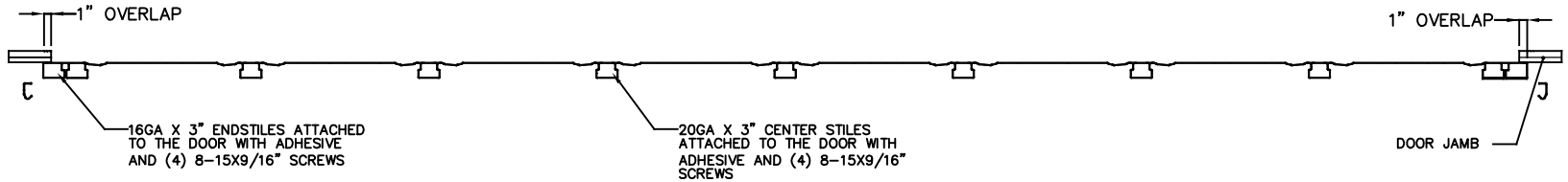


NOTES: (UNLESS OTHERWISE SPECIFIED)

1. RATED DESIGN LOAD +46/-52 PSF.
2. SECTION HEIGHTS MAY VARY TO CREATE VARIOUS DOOR HEIGHTS, 20.8" 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 25,000 PSI MIN. YIELD STRENGTH.
6. JAMB LOAD CALCULATIONS:
(1/2 DOOR WIDTH)(1 FT OF HEIGHT)(DESIGN PRESSURE)
(8.067)(1 FOOT)(46.00 AND -52.00)(371.1/-419.5) LB.
7. JAMB FASTENER REQUIREMENTS:
 $F_x = (1/2 \text{ DOOR WIDTH})(1 \text{ FT OF HEIGHT})(\text{DESIGN PRESSURE})$
 $F_x = 371 \text{ LBS.}$
8. DOOR SKIN MATERIAL SHALL BE GALVANIZED ACCORDING TO ASTM A-525 TO G90 MIN, WITH BAKED-ON PRIMER, AND BAKED-ON POLYESTER PAINT TOP COAT.
9. FOR ANCHORING INTO WOOD, USE ONE 5/16" LAG SCREW PER JAMB BRACKET WITH 1-1/2" EMBEDMENT INTO SOUTHERN PINE (G=0.55) OR BETTER.
10. APPROVED INSULATED AND NON-INSULATED: 8000 (25GA), 8100 (25GA), 8200 (25GA), 0.0209" MIN STEEL.
11. WELD SLOT ON ANGLE AND 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 (2) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS AT ALL STILE LOCATIONS, TYP. LOCATED WITHIN 6" , +/- 3" FROM TOP OF SECTION.
15. KEY LOCK, SLIDE LOCK, OR DRAWBAR OPERATOR REQUIRED.
16. IMPACT RESISTANT GLAZING OPTION- IMPACT RESISTANT GLAZING SYSTEM MAY BE INSTALLED INTERMEDIATE SECTION OR TOP SECTION. GLAZING SHALL BE 1/4" POLYCARBONATE. 13-3/4" X 20-1/8" MAXIMUM SIZE, FASTENED WITH # 8 X 1" SMS: 3X MIN ALONG THE HORIZONTAL AND 2X MIN ALONG THE VERTICAL. SEE DETAIL F-F ON SHEET 2 FOR ASSEMBLY DETAILS.
17. 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.

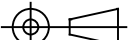


JOHN E. SCATES
LICENSE
No. 51737
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Digitally signed by John E. Scates, P.E.
Date: 2020.09.18 15:37:08 -05'00'

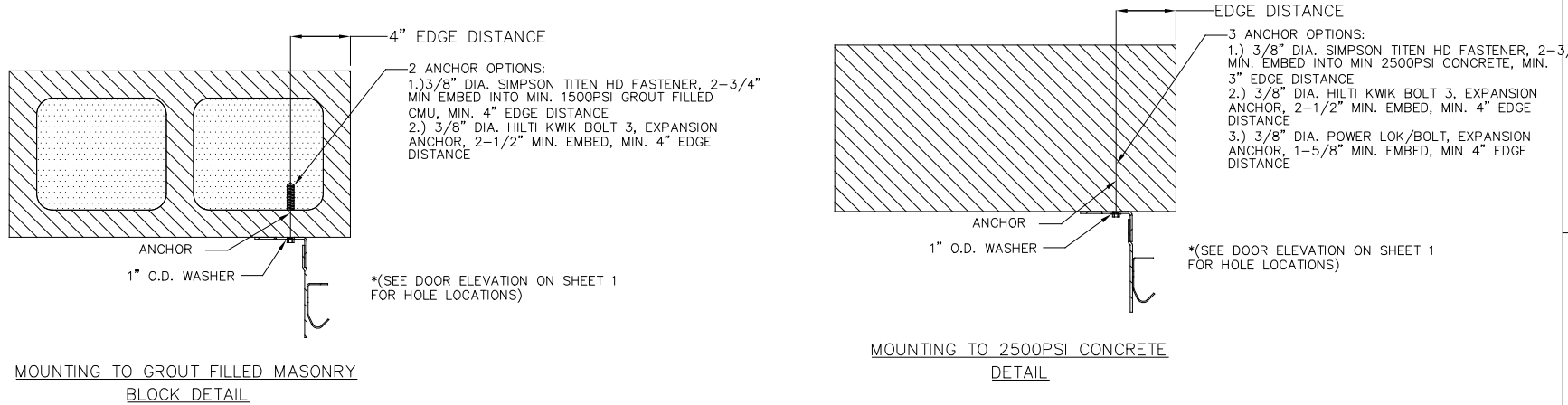
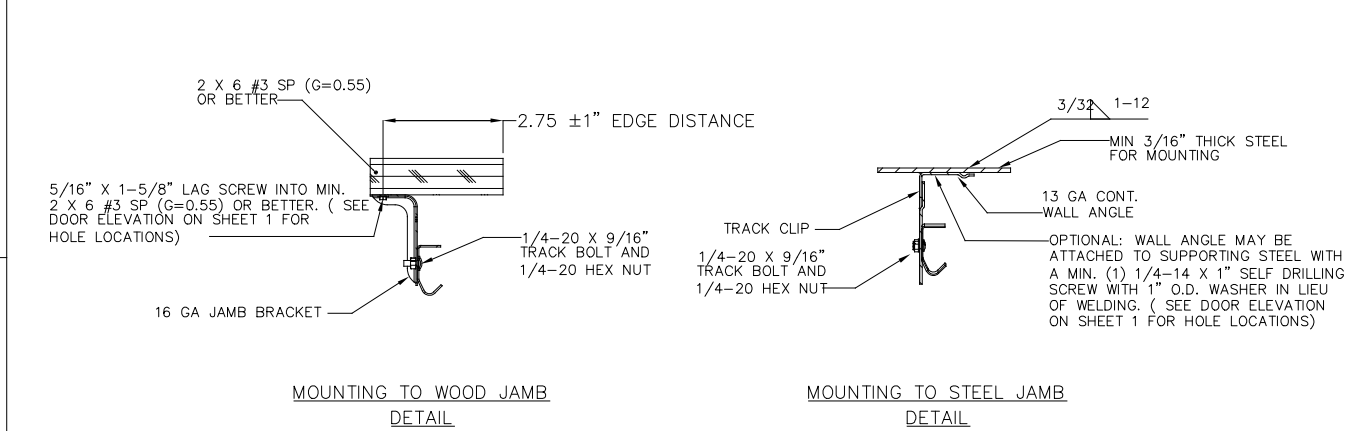
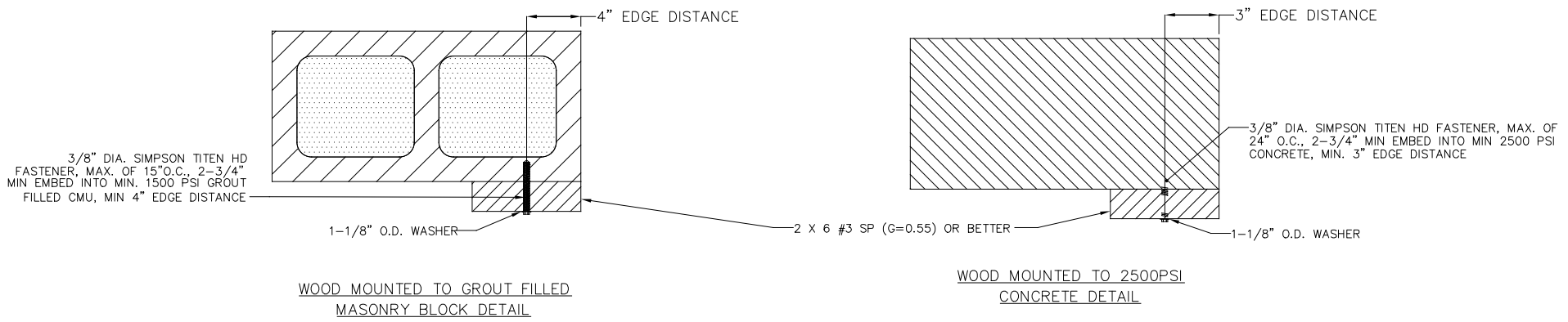
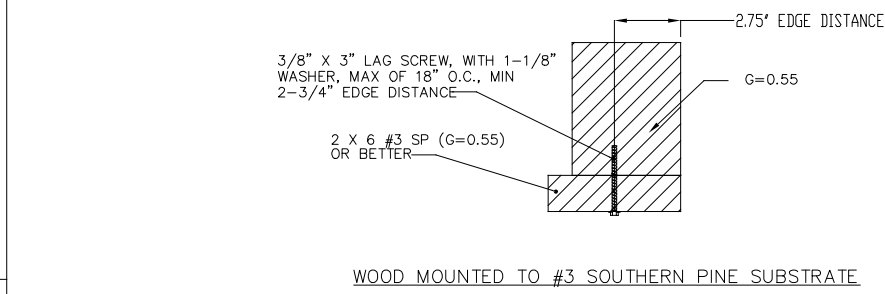
JOHN E. SCATES, PE
2560 KING ARTHUR BLVD #124-54
LEWISVILLE, TX 75056
FL PE 51737 TX PE 56308/F2203

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VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.

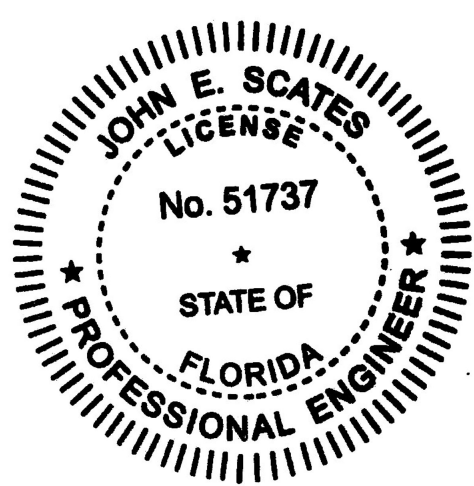
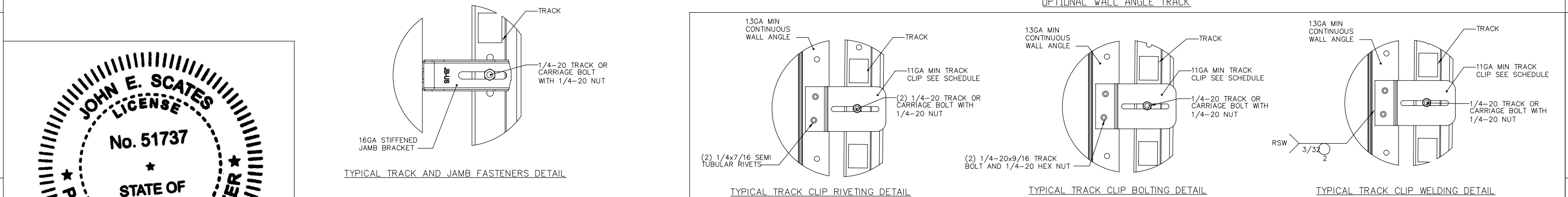
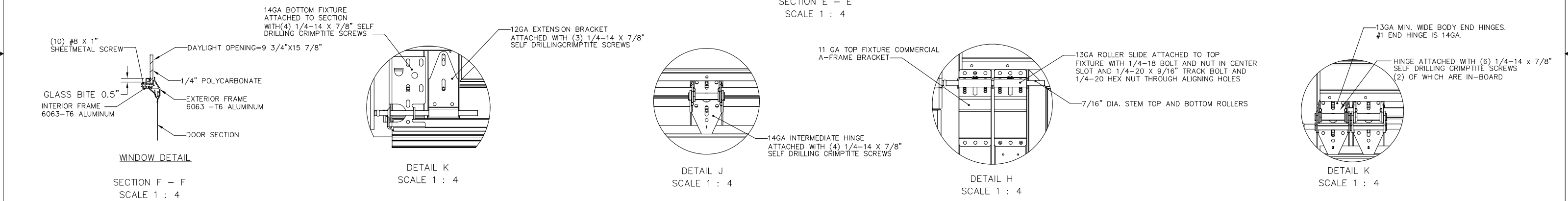
THIRD ANGLE PROJECTION 	UNLESS OTHERWISE SPECIFIED			APPROVALS		DATE		 PENSACOLA, FLORIDA	
	INTERPRET DIMS & TOLS PER ASME Y14.5M ALL DIMS ARE IN INCHES DO NOT SCALE			TOLERANCES: .X = ±.1 .XX = ±.03 .XXX = ±.010 ANGULAR = ±.5 ° HOLES: < Ø.251 =+.004/-.003 Ø.251-Ø.500 =+.006/-.003 > Ø.500 =+.008/-.003		DRAWN G.CLARK 4-11-19 CHECKED D. KORNISH 2-18-20 APPROVED - - MATERIAL - FINISH - WINDLOAD SPECIFICATION OPTION CODE 1128		DESCRIPTION 8000/8100/8200 16'2" MAX WIDTH	
A DIVISION OF OVERHEAD DOOR CORP 3395 ADDISON DRIVE PENSACOLA, FLORIDA 32514 (850)-474-9890	DIMS CIRCLED WITH SYMBOL 'Ø' ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.			ALL GEOMETRY GOVERNED BY 3D_CAD DATABASE:		SIZE D	DWG NO. D-365183		REV P-04
						SCALE 1:12		UOM = EA	SHEET 1 OF 4

8 7 6 5 4 3 2 1

NOTES: (UNLESS OTHERWISE SPECIFIED)



SECTION E - E
SCALE 1 : 4



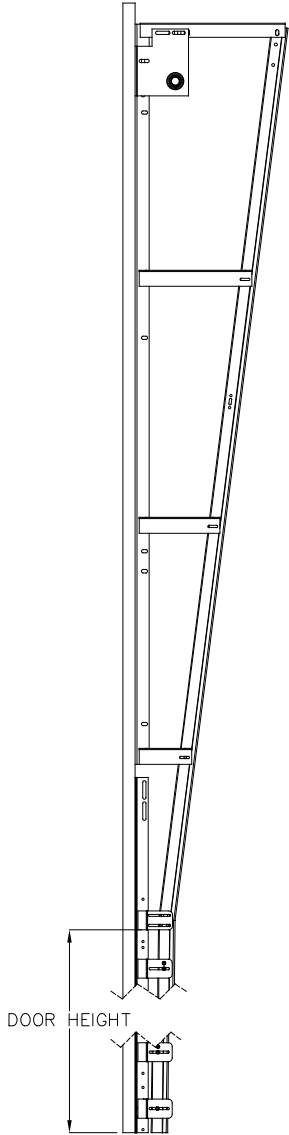
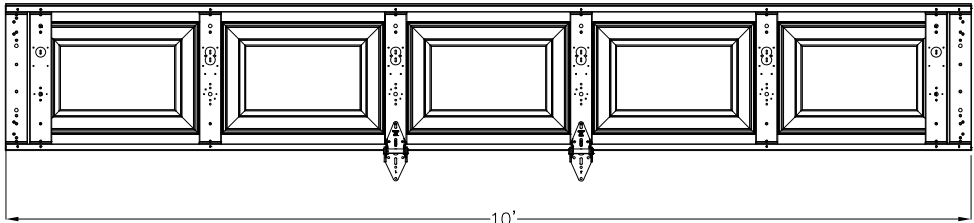
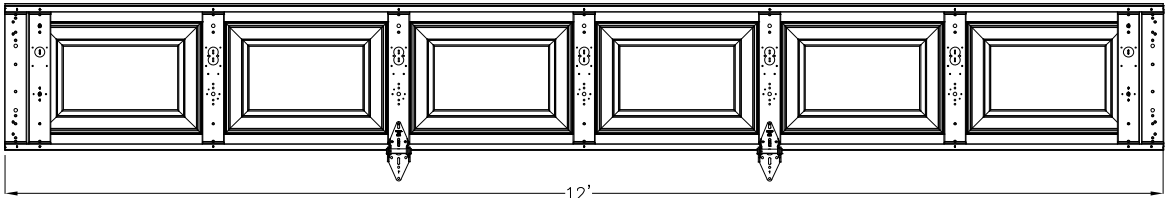
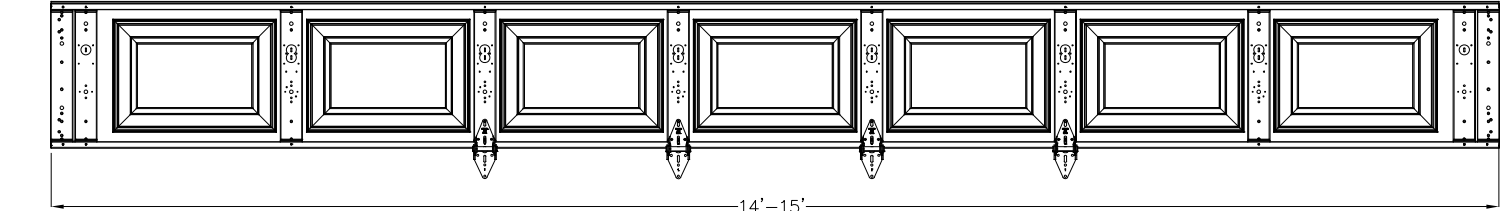
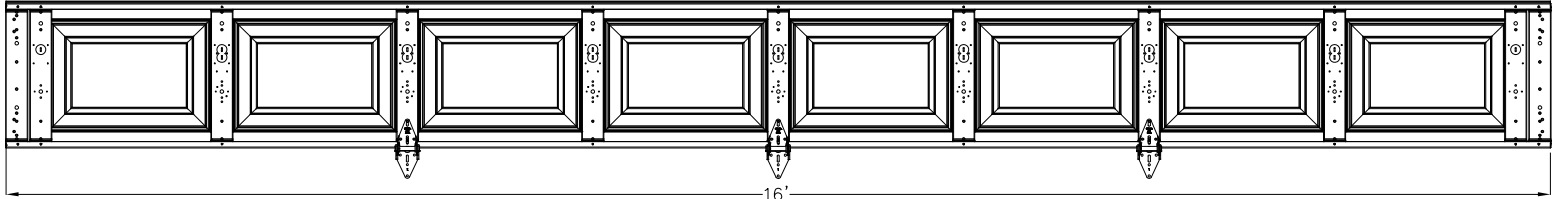
JOHN E. SCATES, PE
2560 KING ARTHUR BLVD #124-54
LEWISVILLE, TX 75056
FL PE 51737 TX PE 56308/F2203

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

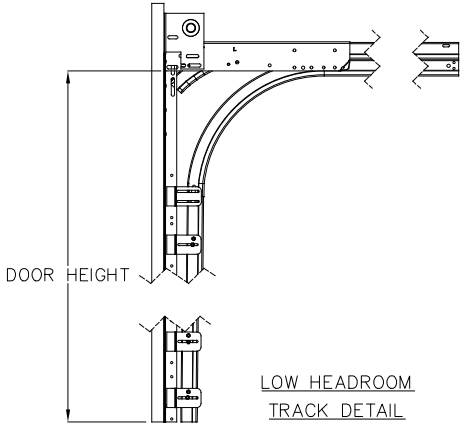
THIRD ANGLE PROJECTION 	UNLESS OTHERWISE SPECIFIED		APPROVALS		DATE	PENSACOLA, FLORIDA
	INTERPRET DIMS & TOLS PER ASME Y14.5M	TOLERANCES:	DRAWN	G.CLARK		
A DIVISION OF OVERHEAD DOOR CORP 3395 ADDISON DRIVE PENSACOLA, FLORIDA 32514 (850)-474-9890	ALL DIMS ARE IN INCHES	.X = ±.1	CHECKED	D. KORNISH	4-11-19	DESCRIPTION 8000/8100/8200 16'2" MAX WIDTH
	DO NOT SCALE	.XX = ±.03	APPROVED	-	2-18-20	
	DIMS CIRCLED WITH SYMBOL ARE CRITICAL TO QUALITY DESIGN	.XXX = ±.010	MATERIAL	-	-	
	FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.	ANGULAR = ±.5 °	FINISH	-	-	
ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:						SIZE D
						DWG NO. D-365183
						REV P-04
						SCALE 1:12
						UOM = EA
						SHEET 2 OF 4

NOTES: (UNLESS OTHERWISE SPECIFIED)

CENTER STILE AND INTERMEDIATE HINGE LOCATIONS



VERTICAL LIFT
TRACK DETAIL



LOW HEADROOM
TRACK DETAIL

(8) SECTION DOORS WITH
(8) 4" 16GA 80 KSI U-BARS
(4) 3" 18GA 80 KSI U-BARS
LOCATED AS SHOWN

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

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

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

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

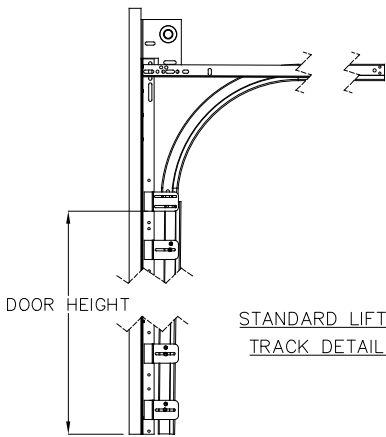
4" STRUT MAY OVERLAPS HINGES, ATTACHED
WITH (2) 1/4-14x7/8" SELF DRILLING
CRIMPITE SCREWS AT EACH STILE
LOCATION

DETAIL N
SCALE 1 : 4

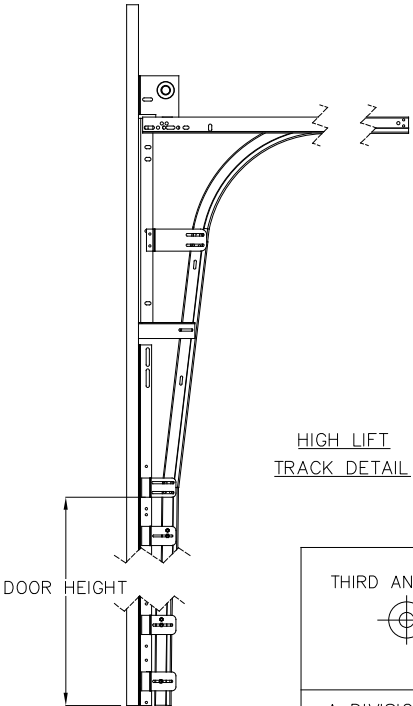
3" STRUT ATTACHED WITH (2) 1/4-14x7/8"
SELF DRILLING CRIMPITE SCREWS AT
EACH STILE LOCATION

DETAIL O
SCALE 1 : 4

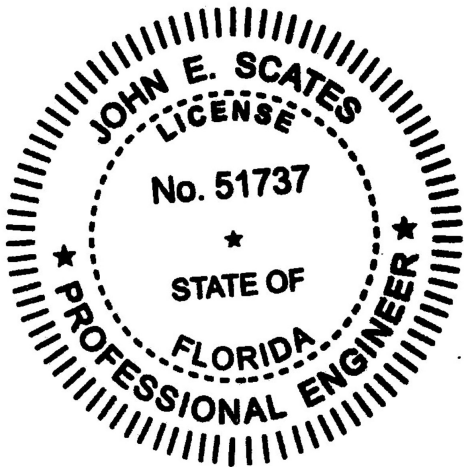
STRUT LOCATIONS
SCALE 1 : 16



STANDARD LIFT
TRACK DETAIL



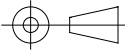
HIGH LIFT
TRACK DETAIL



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LEWISVILLE, TX 75056
FL PE 51737 TX PE 56308/F2203

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THIRD ANGLE PROJECTION



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:

APPROVALS DATE

DRAWN G.CLARK 4-11-19

CHECKED D. KORNISH 2-18-20

APPROVED - -

MATERIAL - -

FINISH - -

WINDLOAD SPECIFICATION
OPTION CODE 1128



PENSACOLA, FLORIDA

DESCRIPTION
8000/8100/8200 16'2" MAX WIDTH

SIZE DWG NO.
D-365183

REV
P-04

SCALE 1:12 UOM = EA SHEET 3 OF 4

