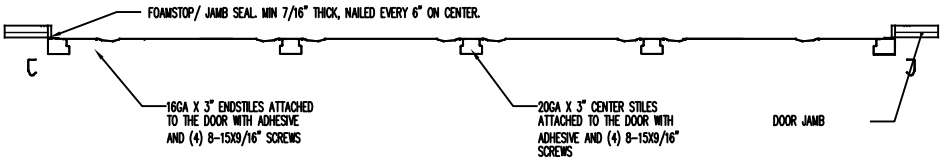


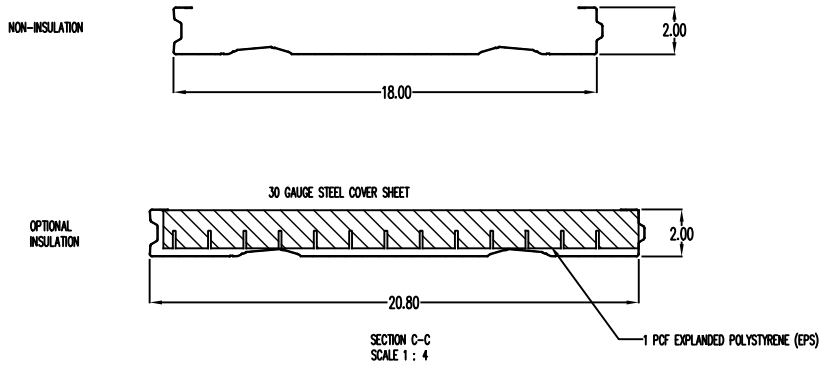
NOTES: (UNLESS OTHERWISE SPECIFIED)

1. RATED DESIGN LOAD +46/-52 PSF.
2. SECTION HEIGHTS MAY VARY TO CREATE VARIOUS DOOR HEIGHTS, 20.8" MAXIMUM SECTION HEIGHT.
3. FOAMSTOP OR JAMB SEAL ON ALL JAMBS REQUIRED TO MEET NEGATIVE DESIGN PRESSURES NAILED 6" O.C..
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:
 $(1/2 \text{ DOOR WIDTH})(1 \text{ FT OF HEIGHT})(\text{DESIGN PRESSURE})$
 $(4.567)(1 \text{ FOOT})(46.00 \text{ AND } -52.00)(210.082/-237.484) \text{ LB.}$
7. JAMB FASTENER REQUIREMENTS:
 $F_v = (1/2 \text{ DOOR WIDTH})(1 \text{ FT OF HEIGHT})(\text{DESIGN PRESSURE})$
 $F_v = 237.484 \text{ LBS.}$
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: 1440 (24GA), 1540 (24GA), 173 (24GA), 174 (24GA), 183 (24GA), 184 (24GA), 176 (24GA), 186 (24GA), 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.
18. VENTS PROVIDE 60 SQUARE INCHES PER VEHICLE.

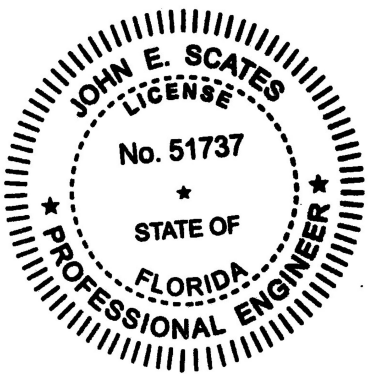
REVISIONS				
ER	REV	DESCRIPTION	DATE	APVL
ER	-	NEW DRAWING	10/28/21	JQ
32769	A	REVISED PER PCR	10/2/23	SW



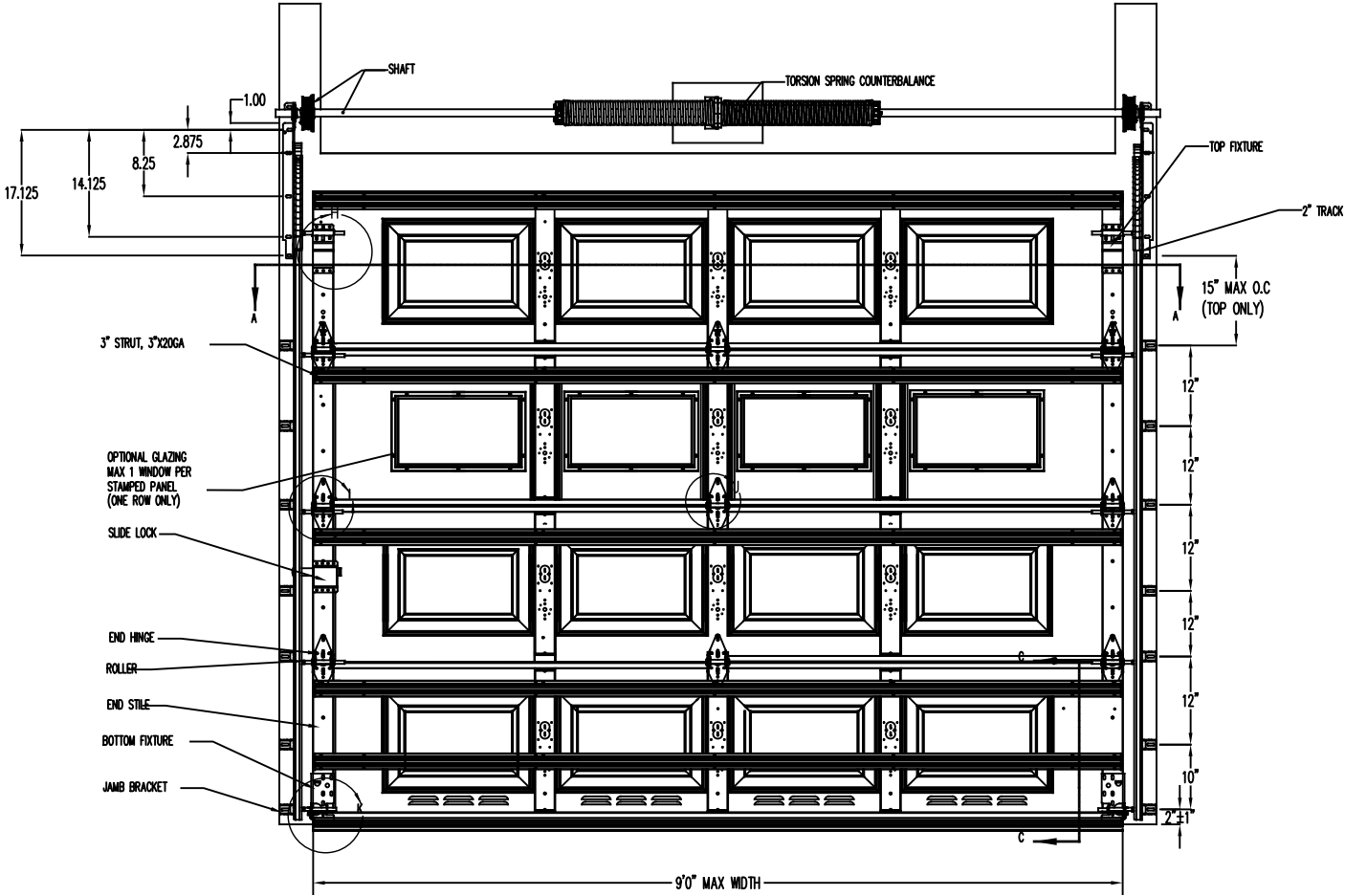
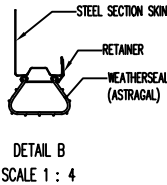
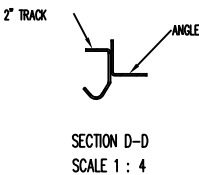
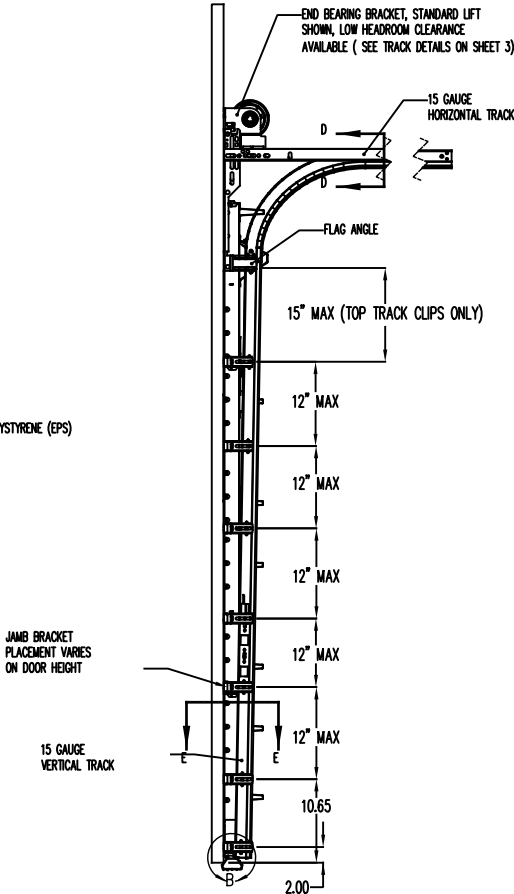
SECTION A-A
SCALE 1 : 12



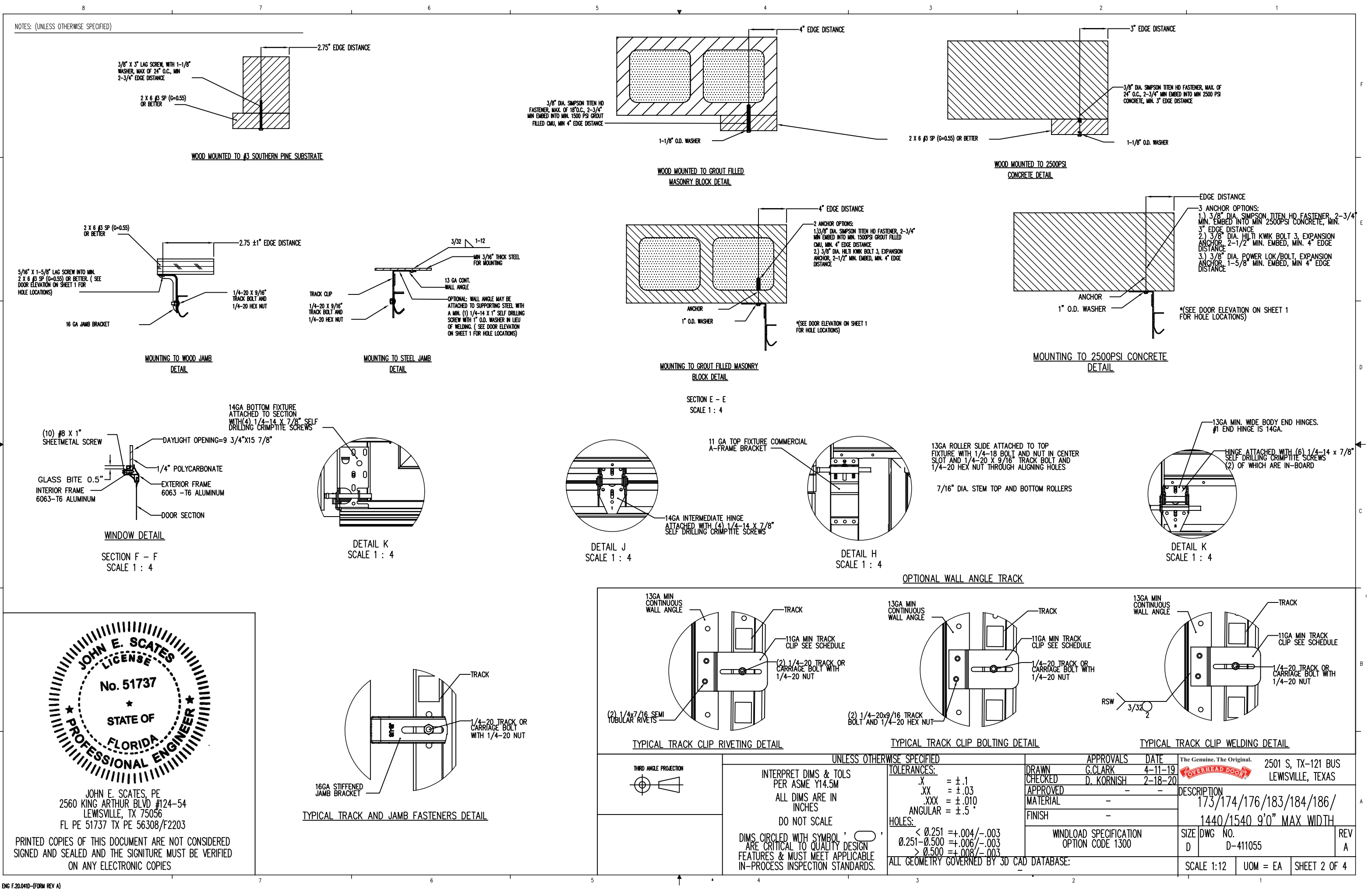
Digitally signed by John E Scates
Date: 2023.10.09 11:08:56 -05'00'



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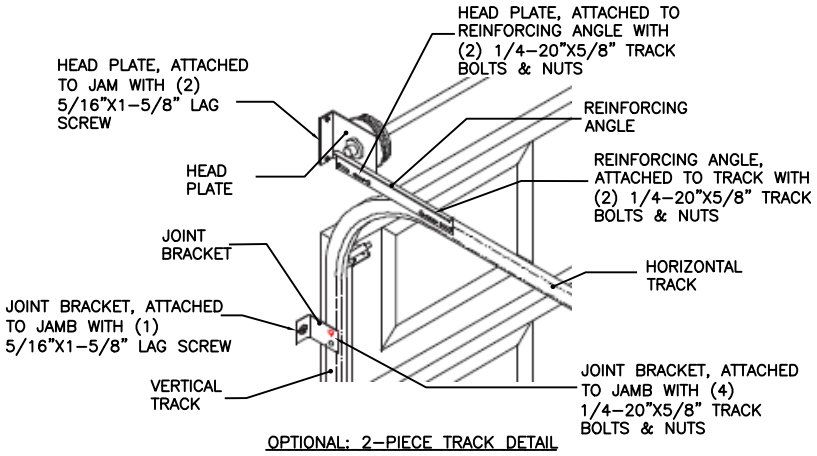
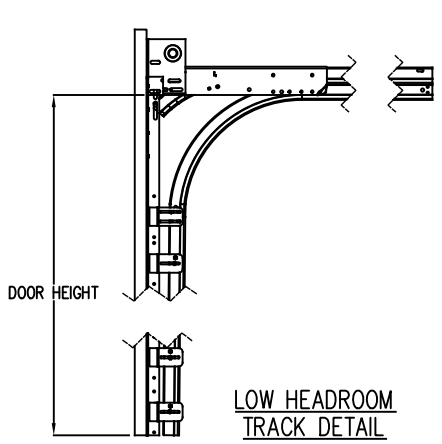
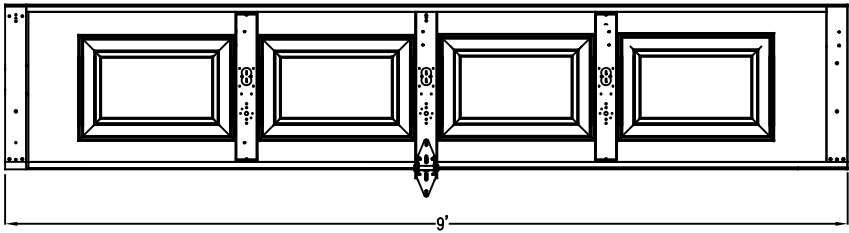


THIRD ANGLE PROJECTION		UNLESS OTHERWISE SPECIFIED		APPROVALS		DATE	The Genuine. The Original.		2501 S, TX-121 BUS LEWISVILLE, TEXAS	
		INTERPRET DIMS & TOLS PER ASME Y14.5M ALL DIMS ARE IN INCHES DO NOT SCALE DIM CIRCLED WITH SYMBOL 'Ø' ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.		DRAWN G.CLARK		4-11-19			DESCRIPTION 173/174/176/183/184/186/ 1440/1540 9'0" MAX WIDTH	
				CHECKED D. KORNISH		2-18-20				
				APPROVED		-				
				MATERIAL		-				
				FINISH		-				
							WINDLOAD SPECIFICATION OPTION CODE 1300		SIZE DWG NO. D D-411055	
									REV A	
									SCALE 1:12	
									UOM = EA	
									SHEET 1 OF 4	

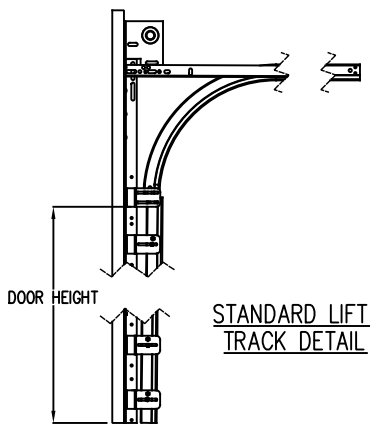
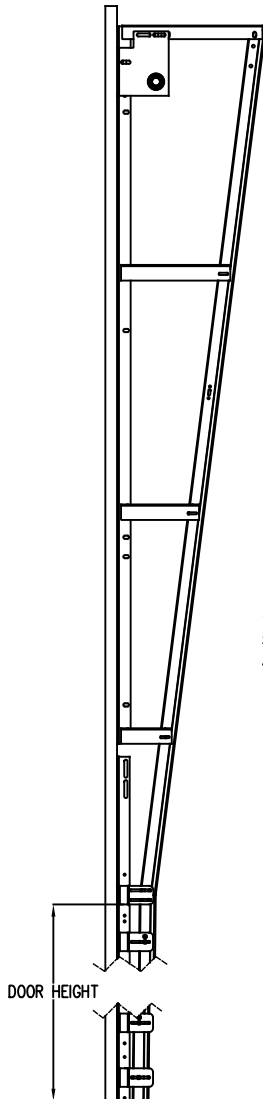


NOTES: (UNLESS OTHERWISE SPECIFIED)

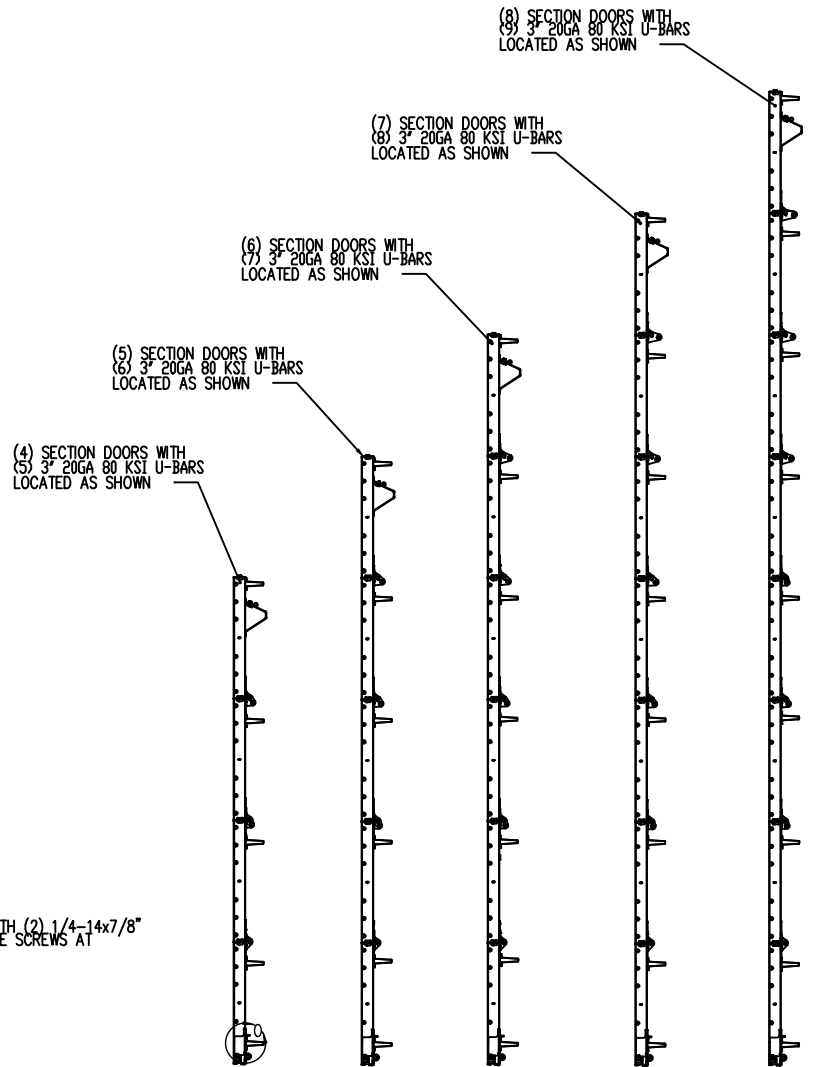
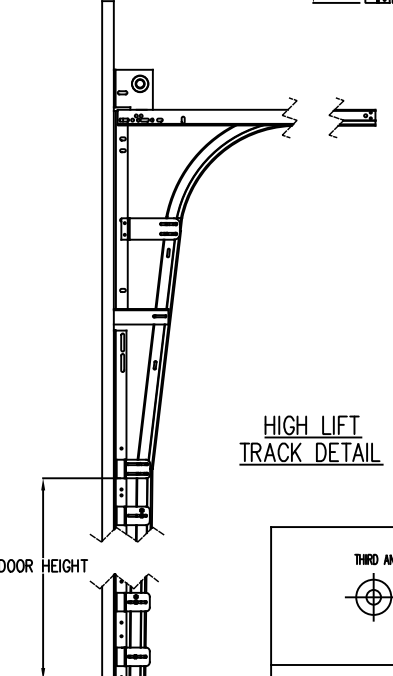
CENTER STILE AND INTERMEDIATE HINGE LOCATIONS



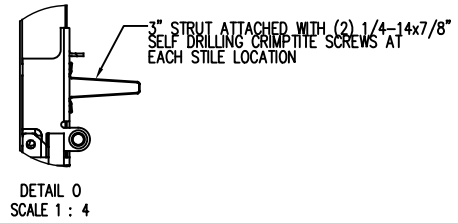
VERTICAL LIFT TRACK DETAIL



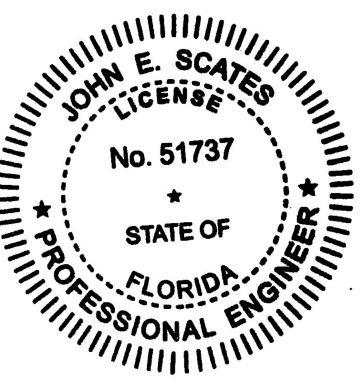
HIGH LIFT TRACK DETAIL



STRUT LOCATIONS
SCALE 1 : 16

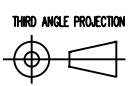


DETAIL D
SCALE 1 : 4



JOHN E. SCATES, PE
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THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED

INTERPRET DIMS & TOLS
PER ASME Y14.5M
ALL DIMS ARE IN
INCHES
DO NOT SCALE

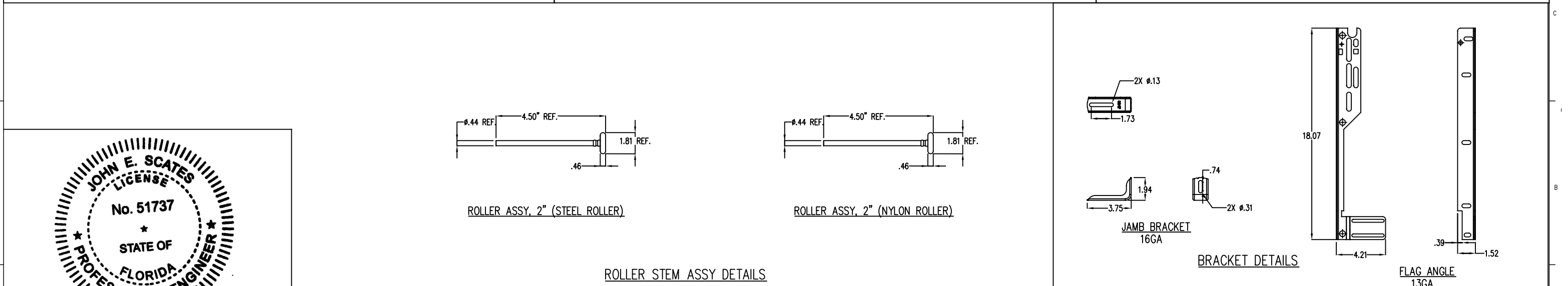
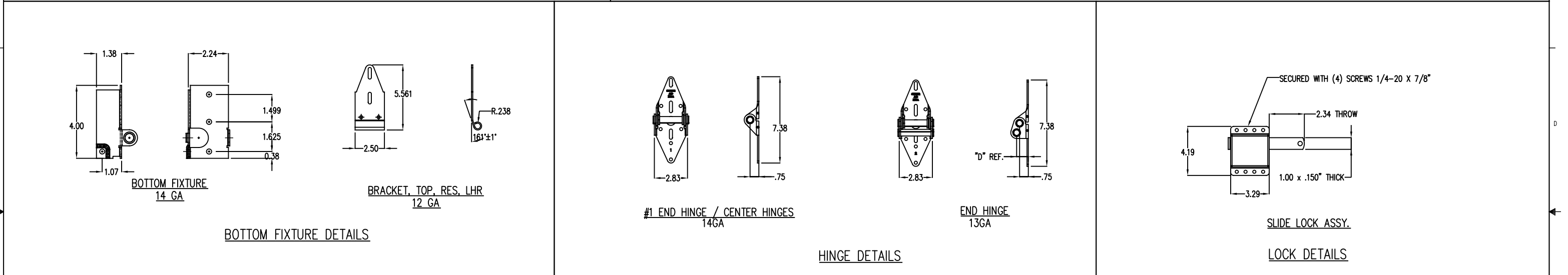
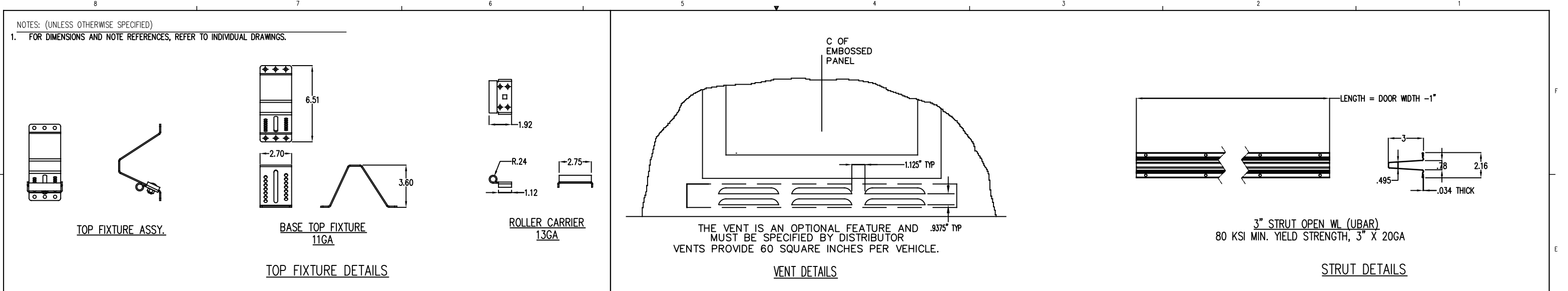
DIMS CIRCLED WITH SYMBOL 'Ø'
ARE CRITICAL TO QUALITY DESIGN
FEATURES & MUST MEET APPLICABLE
IN-PROCESS INSPECTION STANDARDS.

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	The Genuine. The Original.		2501 S, TX-121 BUS	
DRAWN	G. CLARK	4-11-19		LEWISVILLE, TEXAS		
CHECKED	D. KORNISH	2-18-20				
APPROVED	-	-	DESCRIPTION 173/174/176/183/184/186/ 1440/1540 9'0" MAX WIDTH			
MATERIAL	-					
FINISH	-					
WINDLOAD SPECIFICATION OPTION CODE 1300			SIZE D	DWG NO. D-411055	REV A	
D DATABASE:			SCALE 1:12	UOM = EA	SHEET 3 OF 4	



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

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

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PROFESSIONAL ENGINEER JOHN E. SCATES, PE 2560 KING ARTHUR BLVD #124-54 LEWISVILLE, TX 75056 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 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: < ⌀.251 = +.004/- .003 ⌀.251-⌀.500 = +.006/- .003 > ⌀.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 1300	The Genuine. The Original. 2501 S, TX-121 BUS LEWISVILLE, TEXAS		
						DESCRIPTION		173/174/176/183/184/186/ 1440/1540 9'0" MAX WIDTH	
						SIZE DWG NO.		REV	
						D D-411055		A	
					SCALE 1:12		UOM = EA		
					SHEET 4 OF 4				