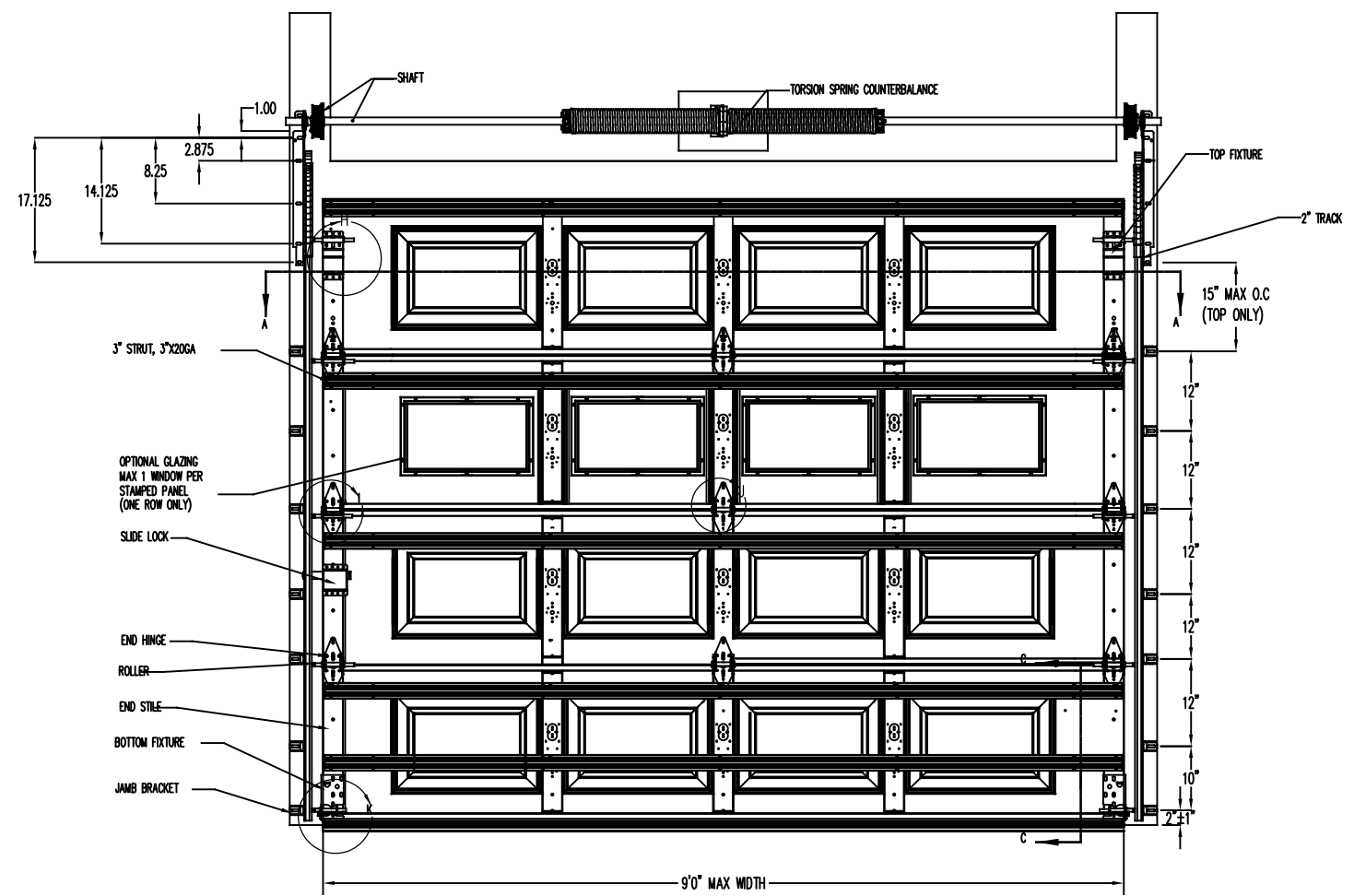
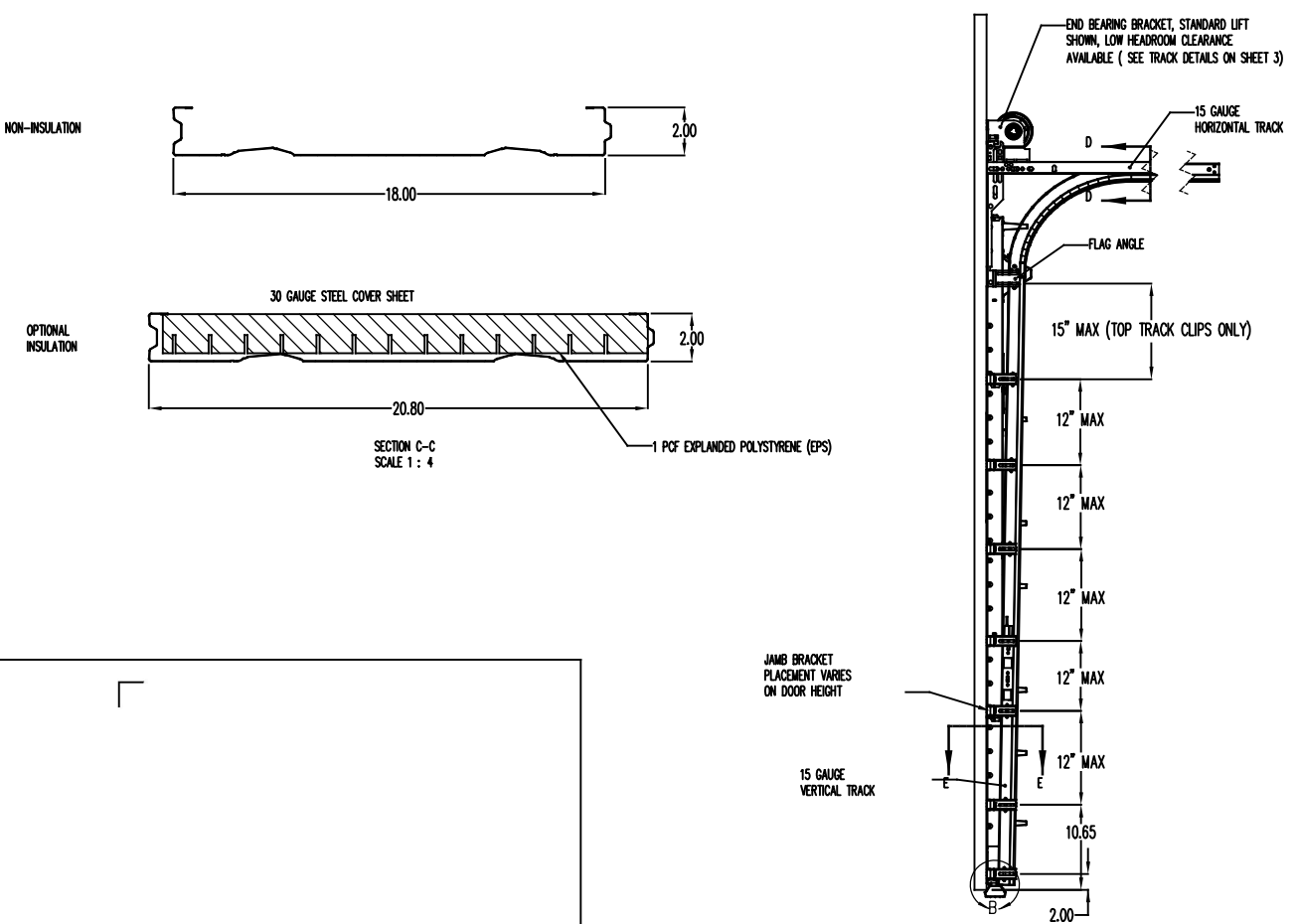
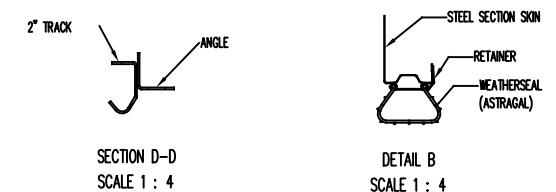
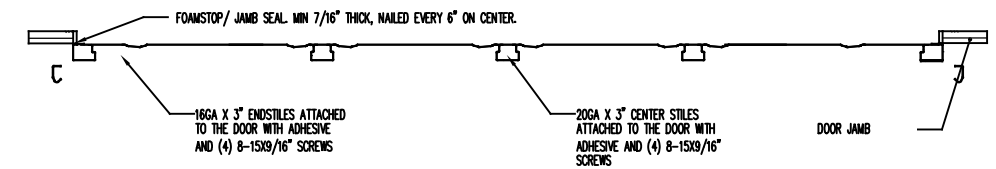


NOTES: (UNLESS OTHERWISE SPECIFIED)

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:
 $F_x = (1/2 \text{ DOOR WIDTH})(1 \text{ FT OF HEIGHT})(\text{DESIGN PRESSURE})$
 $F_x = 237.484 \text{ LBS.}$
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: 170 (25GA), 180 (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 CRIMPITITE 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 CRIMPITITE 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. DOORS ARE DESIGNED AND MANUFACTURED TO COMPLY WITH REGULATIONS PER BUILDING CODES: 2018 IRC AND 2018 IBC.

REVISIONS				
ER	REV	DESCRIPTION	DATE	APVL
32537	A	ADD NOTE 18: IBC/IRC	11/30/20	JQ

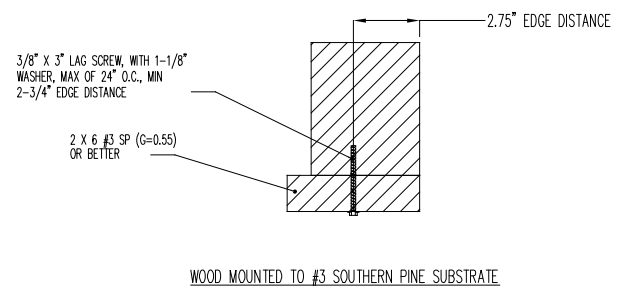


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 2560 KING ARTHUR BLVD #124-54
 LEWISVILLE, TX 75056
 FL PE 51737 TX PE 56308/F2203

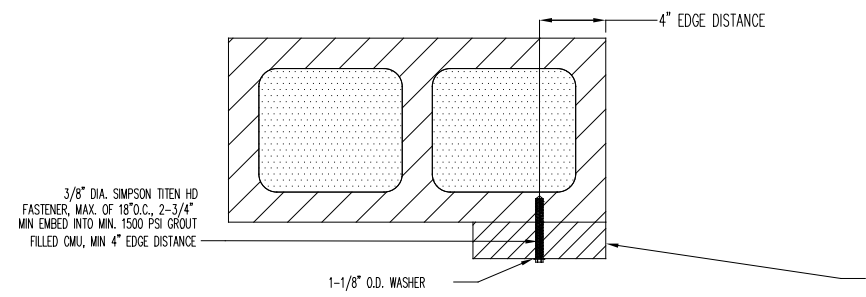
PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.

	UNLESS OTHERWISE SPECIFIED INTERPRET DIMS & TOLS PER ASME Y14.5M ALL DIMS ARE IN INCHES DO NOT SCALE DIMS CIRCLED WITH SYMBOL 'D' ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.	TOLERANCES: .X = ±.1 .XX = ±.03 .XXX = ±.010 ANGULAR = ±.5° HOLES: $\phi .251 = +.004/- .003$ $\phi .251 - \phi .500 = +.006/- .003$ $> \phi .500 = +.008/- .003$	APPROVALS DRAWN G. CLARK 4-11-19 CHECKED D. KORNISH 2-18-20 APPROVED MATERIAL - FINISH -	DATE 4-11-19 2-18-20 - -	The Genuine. The Original. 2501 S, TX-121 BUS LEWISVILLE, TEXAS DESCRIPTION 170/171/175/180/181/185/ 1400/1500 9'0" MAX WIDTH SIZE DWG NO. D-411043	REV A
			WINDLOAD SPECIFICATION OPTION CODE 1104	SCALE 1:12 UOM = EA SHEET 1 OF 4		

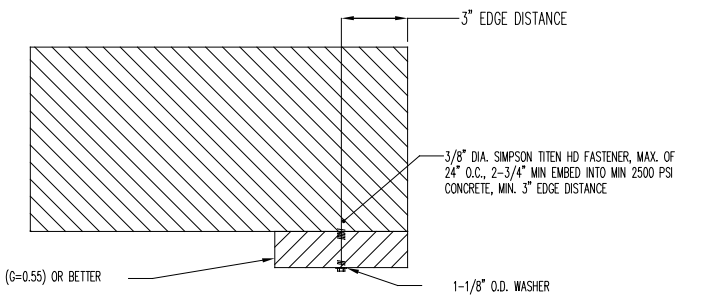
NOTES: (UNLESS OTHERWISE SPECIFIED)



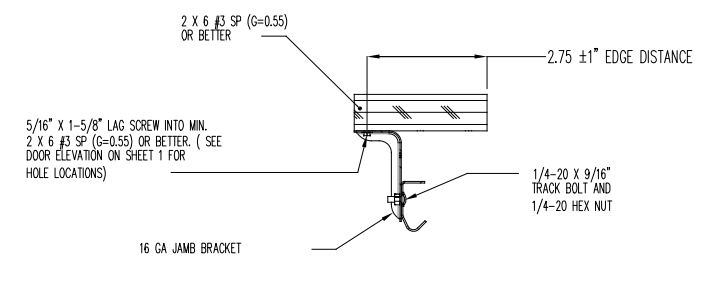
WOOD MOUNTED TO #3 SOUTHERN PINE SUBSTRATE



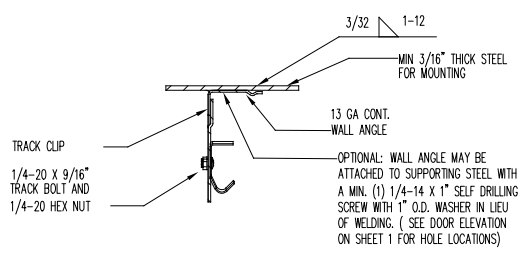
WOOD MOUNTED TO GROUT FILLED MASONRY BLOCK DETAIL



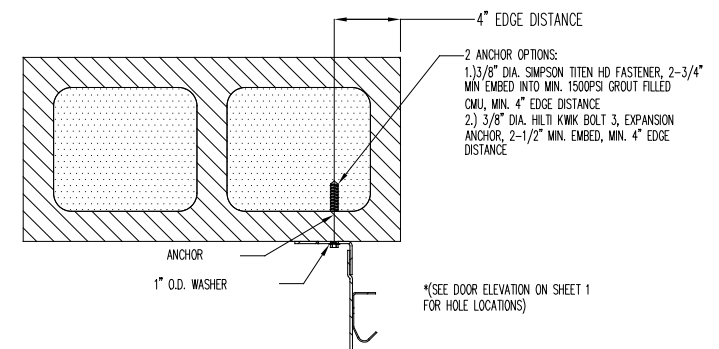
WOOD MOUNTED TO 2500PSI CONCRETE DETAIL



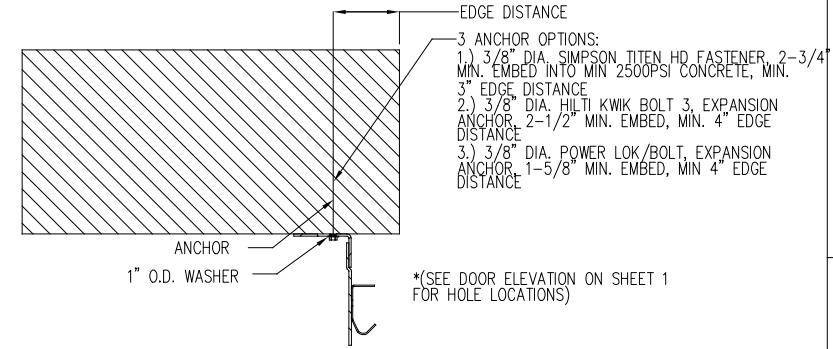
MOUNTING TO WOOD JAMB DETAIL



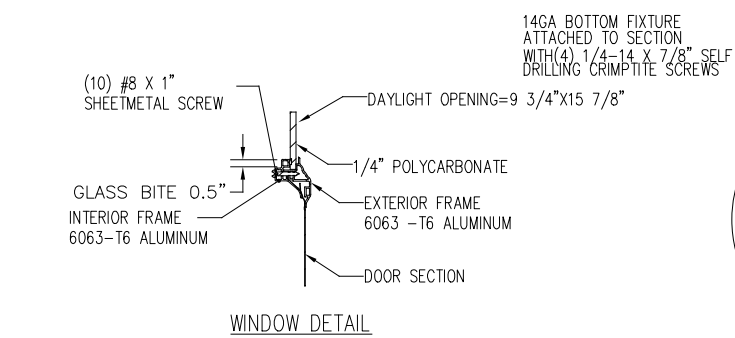
MOUNTING TO STEEL JAMB DETAIL



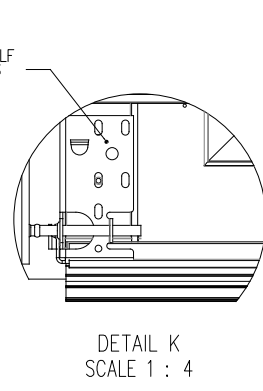
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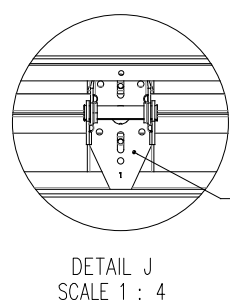
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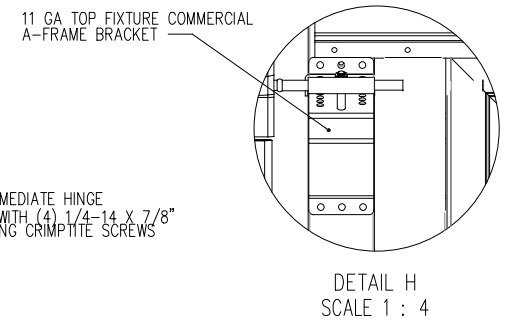
WINDOW DETAIL



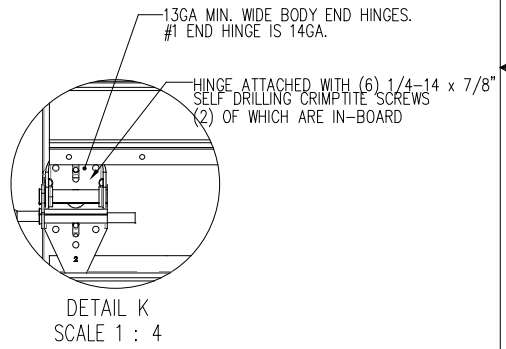
DETAIL K SCALE 1:4



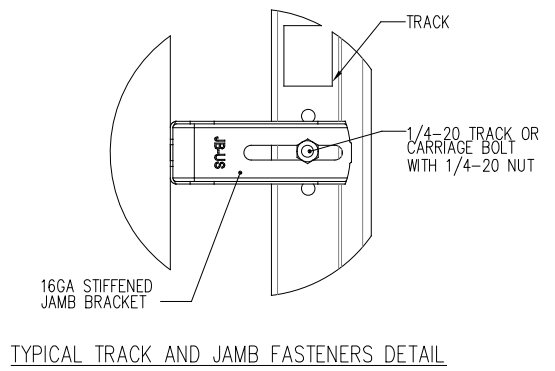
DETAIL J SCALE 1:4



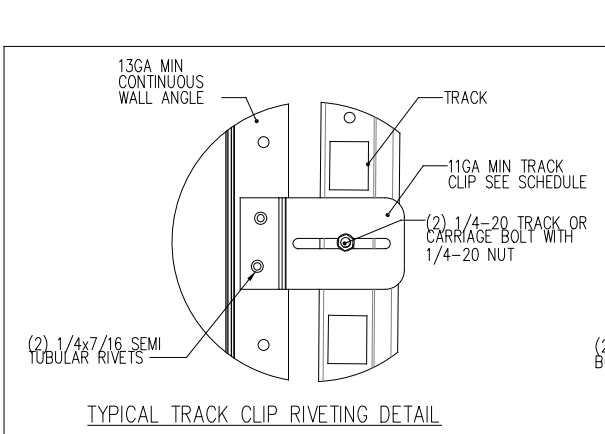
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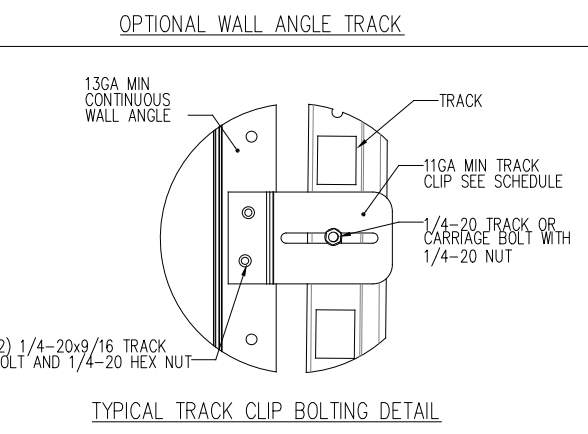
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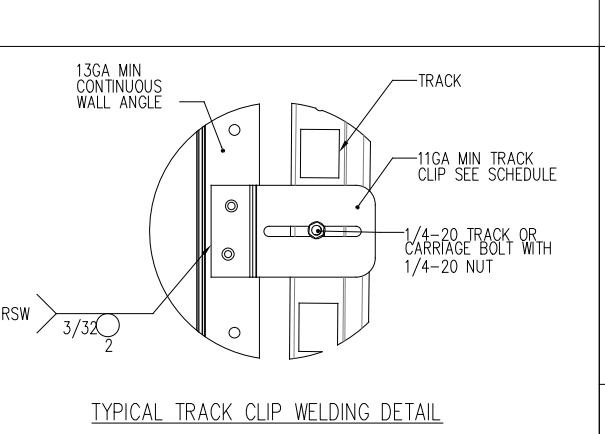
TYPICAL TRACK AND JAMB FASTENERS DETAIL



TYPICAL TRACK CLIP RIVETING DETAIL

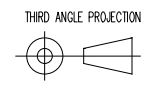


TYPICAL TRACK CLIP BOLTING DETAIL



TYPICAL TRACK CLIP WELDING DETAIL

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UNLESS OTHERWISE SPECIFIED
INTERPRET DIMS & TOLS PER ASME Y14.5M
ALL DIMS ARE IN INCHES
DO NOT SCALE
DIMS CIRCLED WITH SYMBOL 'D' 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:

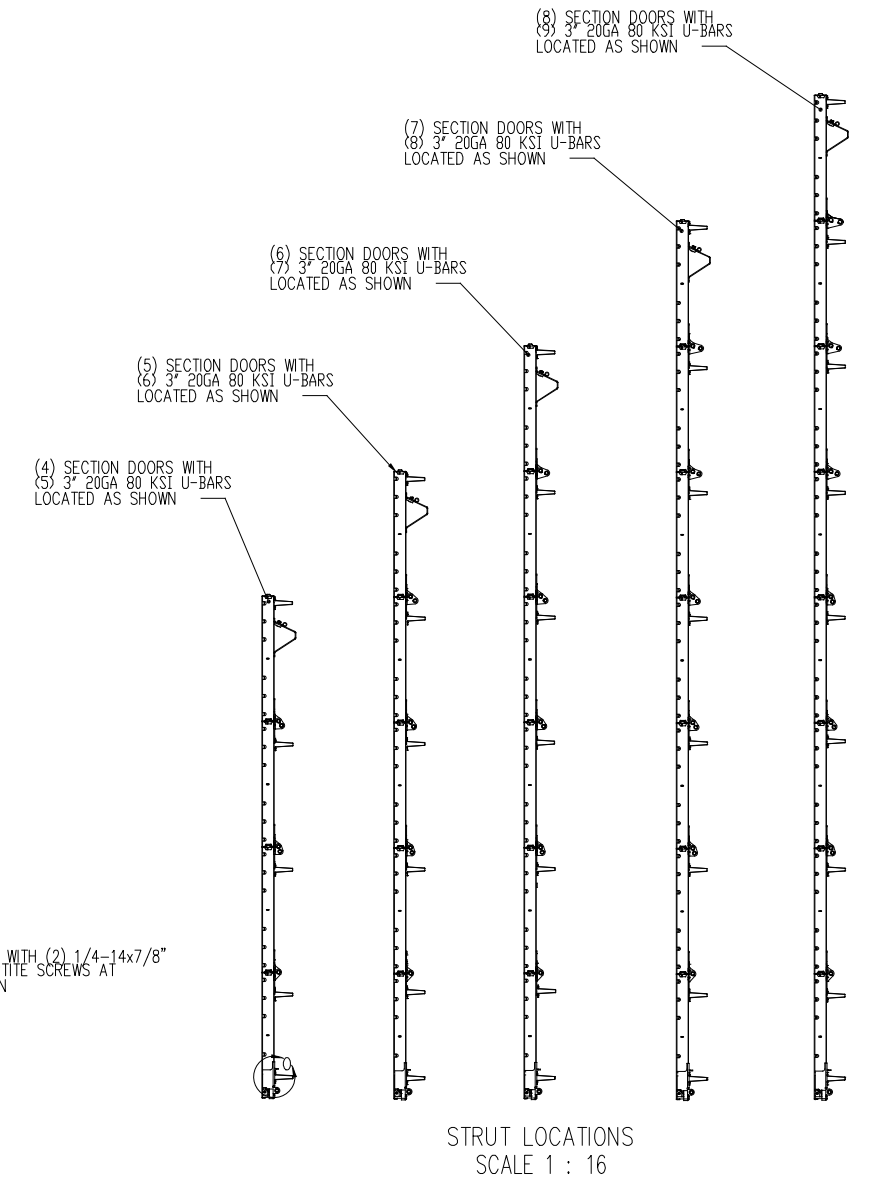
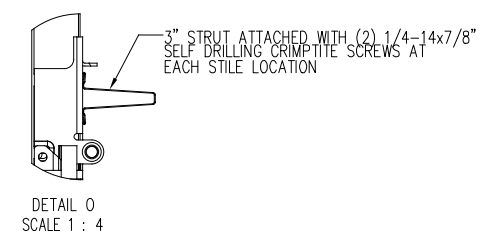
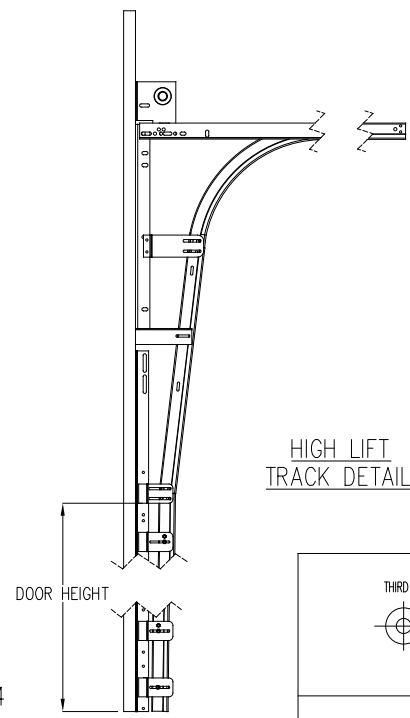
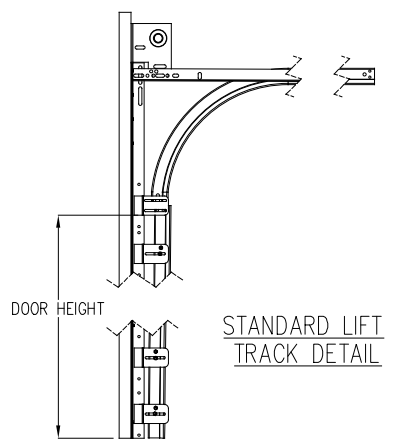
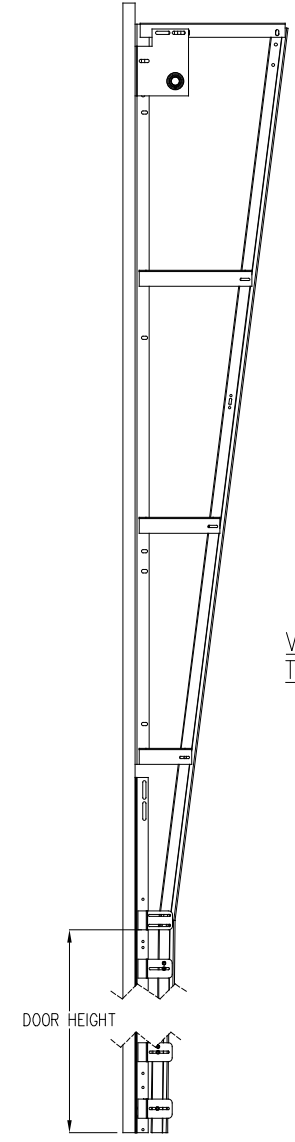
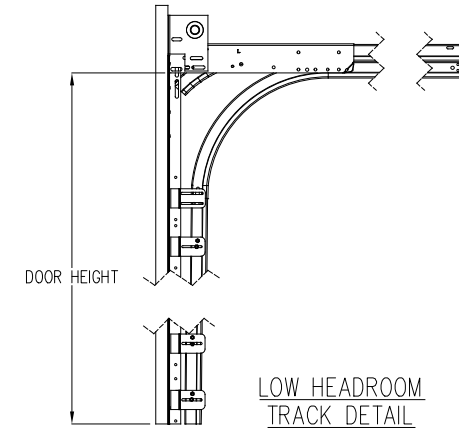
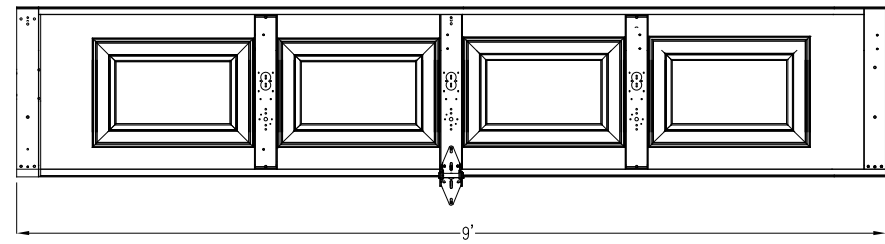
APPROVALS	DATE
DRAWN G. CLARK	4-11-19
CHECKED D. KORNISH	2-18-20
APPROVED	-
MATERIAL	-
FINISH	-
WINDLOAD SPECIFICATION	OPTION CODE 1104

The Genuine. The Original. **OVERHEAD DOOR** 2501 S, TX-121 BUS LEWISVILLE, TEXAS
DESCRIPTION
170/171/175/180/181/185/
1400/1500 9'0" MAX WIDTH
SIZE DWG NO. D-411043
REV A

SCALE 1:12 UOM = EA SHEET 2 OF 4

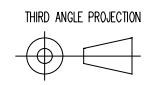
NOTES: (UNLESS OTHERWISE SPECIFIED)

CENTER STILE AND INTERMEDIATE HINGE LOCATIONS



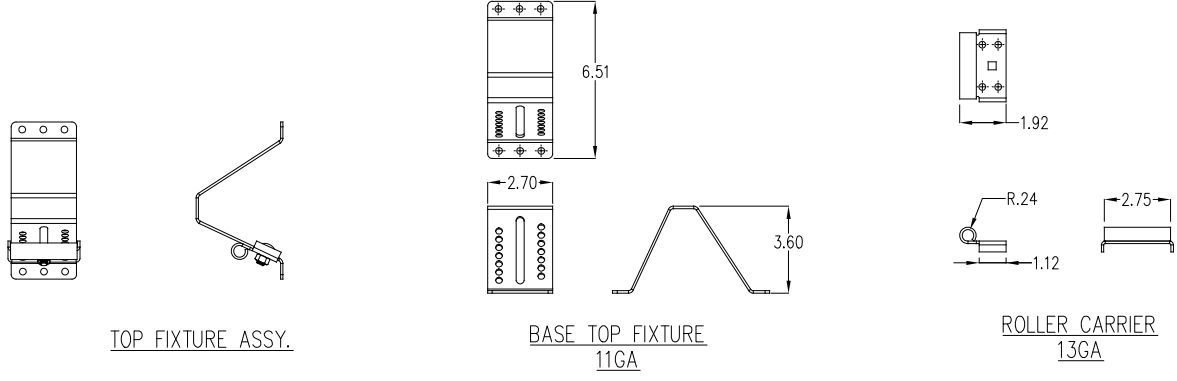
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LEWISVILLE, TX 75056
FL PE 51737 TX PE 56308/F2203

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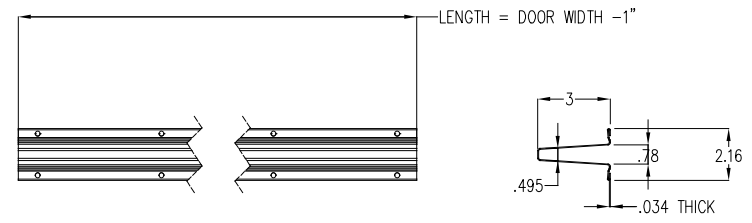


UNLESS OTHERWISE SPECIFIED		APPROVALS	DATE	The Genuine. The Original.	2501 S, TX-121 BUS LEWISVILLE, TEXAS
INTERPRET DIMS & TOLS PER ASME Y14.5M		DRAWN	G.CLARK	4-11-19	
ALL DIMS ARE IN INCHES		CHECKED	D. KORNISH	2-18-20	
DO NOT SCALE		APPROVED	-	-	DESCRIPTION
DIM'S CIRCLED WITH SYMBOL 'O' ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.		MATERIAL	-	-	170/171/175/180/181/185/ 1400/1500 9'0" MAX WIDTH
TOLERANCES:		FINISH	-	-	SIZE DWG NO.
.X = ±.1		WINDLOAD SPECIFICATION		OPTION CODE 1104	REV A
.XX = ±.03		SCALE 1:12		UOM = EA	SHEET 3 OF 4
.XXX = ±.010					
ANGULAR = ±.5°					
HOLES:					
< 0.251 = +.004/- .003					
0.251-0.500 = +.006/- .003					
> 0.500 = +.008/- .003					
ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:					

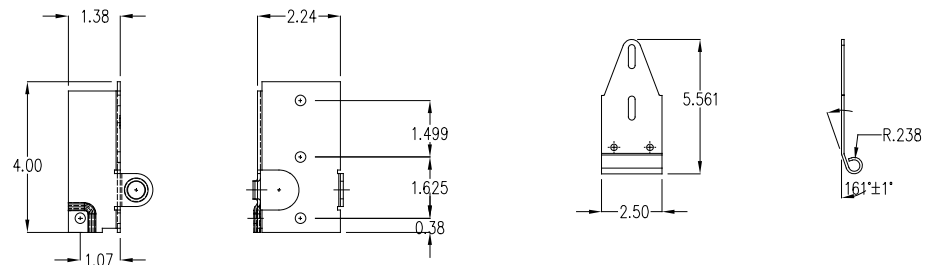
NOTES: (UNLESS OTHERWISE SPECIFIED)
 1. FOR DIMENSIONS AND NOTE REFERENCES, REFER TO INDIVIDUAL DRAWINGS.



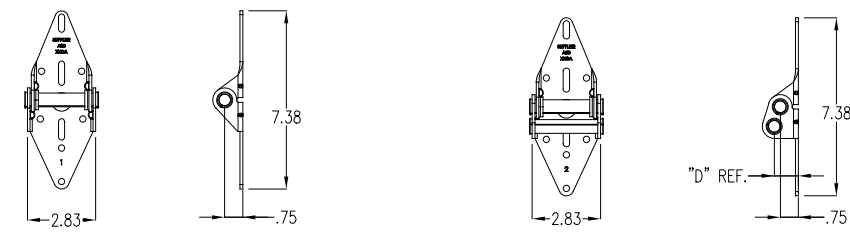
TOP FIXTURE DETAILS



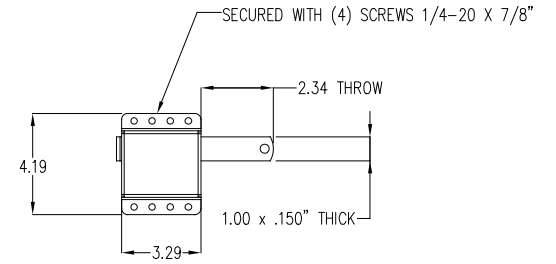
STRUT DETAILS



BOTTOM FIXTURE DETAILS



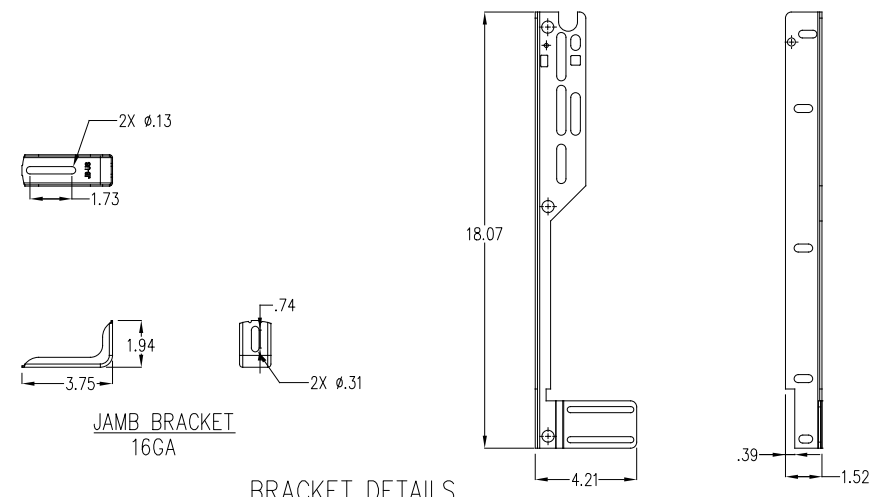
HINGE DETAILS



LOCK DETAILS



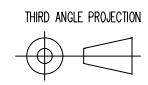
ROLLER STEM ASSY DETAILS



BRACKET DETAILS

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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 1104		

The Genuine. The Original.		2501 S, TX-121 BUS LEWISVILLE, TEXAS	
DESCRIPTION 170/171/175/180/181/185/ 1400/1500 9'0" MAX WIDTH			
SIZE	DWG NO.	REV	
D	D-411043	A	
SCALE 1:12	UOM = EA	SHEET 4 OF 4	