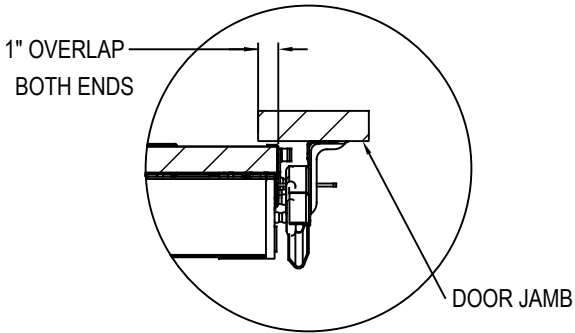


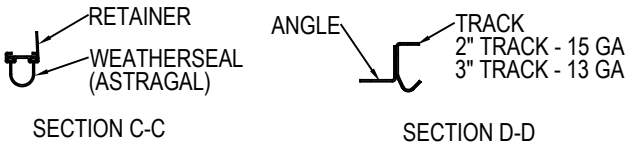
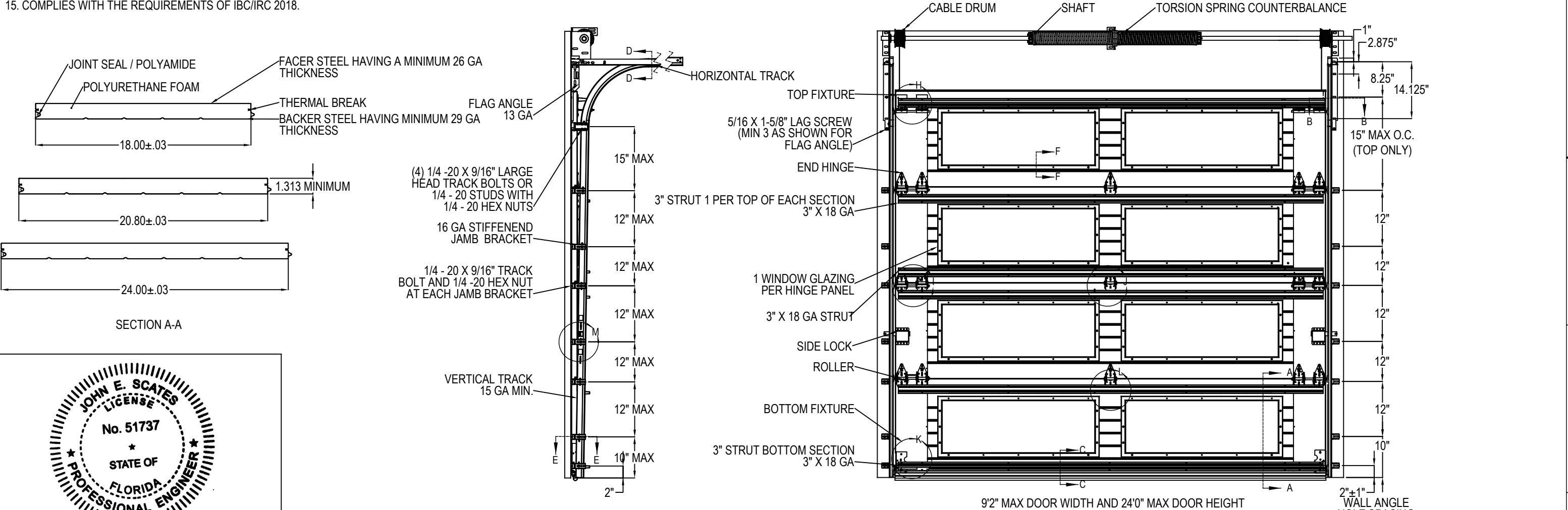
NOTES: (UNLESS OTHERWISE SPECIFIED)

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)
(4.583)(1 FOOT)(46.00 AND -52.00)=(211/-238) LB
7. USE ONE 5/16" LAG SCREW PER TRACK BRACKET WITH 1-1/2" EMBEDMENT INTO SOUTHERN PINE (S.G=0.55) OR BETTER.
8. 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.
9. 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.
10. KEY LOCKS, OR SIDE LOCKS REQUIRED THAT ENGAGE BOTH TRACKS.
11. 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.
12. 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.
13. A 4-1/2" X 6" X 22 GA BACKER PLATE IS TO BE LOCATED AT EVERY INTERMEDIATE AND OUTER END HINGE LOCATIONS.
14. THIS DRAWING PROVIDES WINDLOAD ASSEMBLY DETAILS FOR THE CLAIMED SIZES AND PRESSURES.
15. COMPLIES WITH THE REQUIREMENTS OF IBC/IRC 2018.

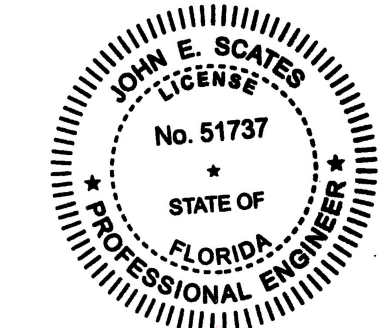
REVISIONS				
ER	REV	DESCRIPTION	DATE	APVL
ER	-	NEW DRAWING	10/28/21	JQ
WL007	A	UPDATED PER ER	02/07/23	AR



SECTION B-B

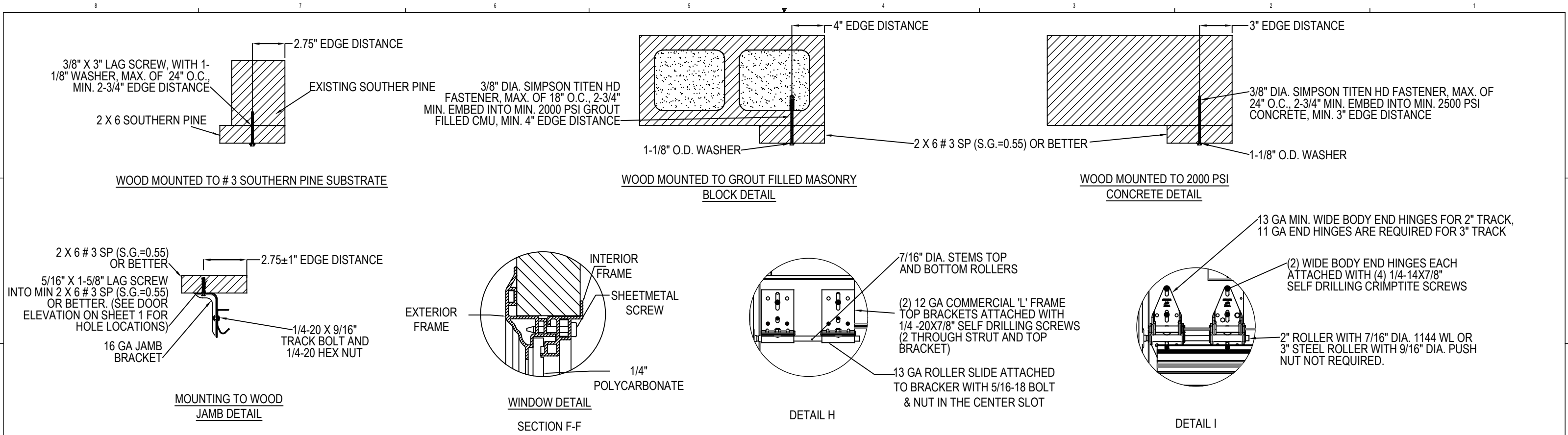


Digitally signed by John E Scates
Date: 2023.02.08 11:40:43 -05'00'



JOHN E. SCATES, PE
2560 KING ARTHUR BLVD #124-54
LEWISVILLE, TEXAS
FL PE 51737
TX PE 56308 / F2203
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UNLESS OTHERWISE SPECIFIED			APPROVALS		DATE	The Genuine. The Original.	
INTERPRET DIMS & TOLS PER ASME Y14.5M			DRAWN	J. QIAN	10/28/21	LEWISVILLE, TEXAS	
ALL DIMS ARE IN INCHES			CHECKED	D. KORNISH	10/28/21		
DO NOT SCALE			APPROVED	-	-		
DIM CIRCLED WITH SYMBOL ARE CRITICAL TO QUALITY DESIGN. FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.			MATERIAL	-	-	DESCRIPTION WINDLOAD MODELS 5745/5765 77565/515/525,+46/-52 PSF, 9'2" MAX WIDTH	
TOLERANCES: .X = ± .1 .XX = ± .03 .XXX = ± .010 ANGULAR = ± .5°			FINISH	-	-	SIZE DWG NO. D D-411896	
HOLES: < Ø.251 = +.004/- .003 Ø.251-Ø.500 = +.006/- .003 > Ø.500 = +.008/- .003			ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:			SCALE 1:12	
THIRD ANGLE PROJECTION 			OVERHEAD DOOR CORP 2501 S. STATE HWY 121 SUITE 200 LEWISVILLE, TEXAS 75067 469-549-7100			UOM = EA	
						SHEET 1 OF 4	



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

THIRD ANGLE PROJECTION

OVERHEAD DOOR CORP
2501 S. STATE HWY 121
SUITE 200
LEWISVILLE, TEXAS 75067
469-549-7100

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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 J. QIAN 10/28/21

CHECKED D. KORNISH 10/28/21

APPROVED - -

MATERIAL -

FINISH -

The Genuine. The Original.

 LEWISVILLE, TEXAS

DESCRIPTION
WINDLOAD MODELS 5745/5765
/7565/515/525,+46/-52 PSF,
9'2" MAX WIDTH

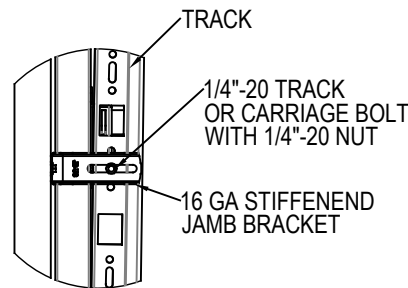
SIZED DWG NO.
D D-411896

REV
A

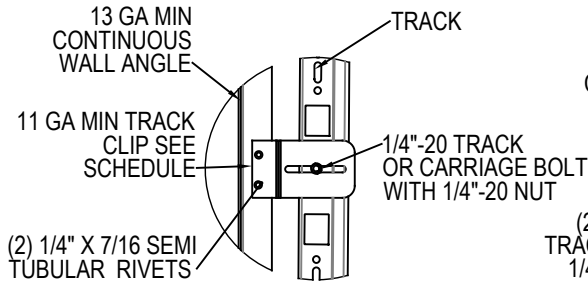
SCALE 1:12

UOM = EA

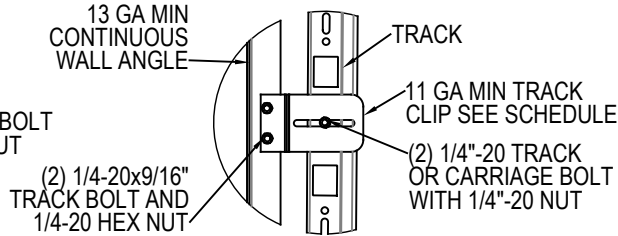
SHEET 2 OF 4



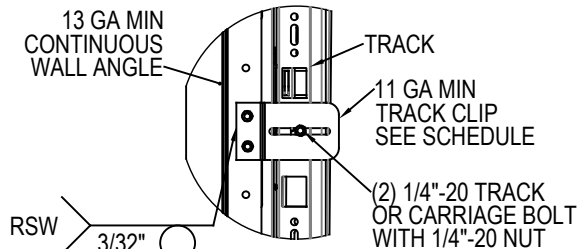
TYPICAL TRACK AND JAMB
FASTENERS DETAIL



TYPICAL TRACK CLIP
RIVETING DETAIL



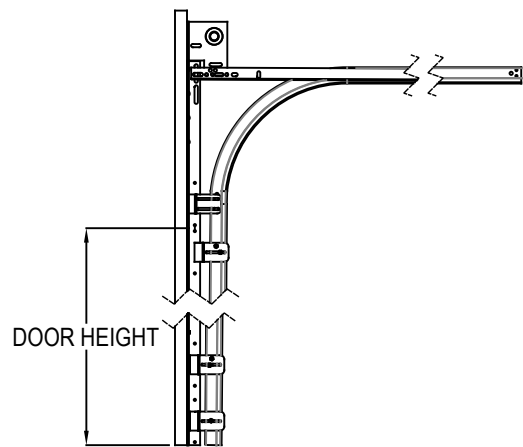
TYPICAL TRACK CLIP
BOLTING DETAIL



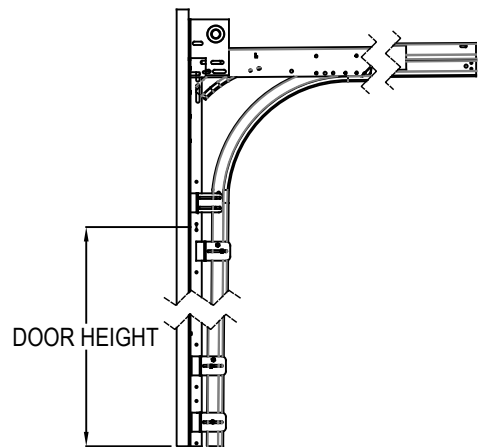
TYPICAL TRACK CLIP
WELDING DETAIL

OPTIONAL WALL ANGLE TRACK

DETAIL M

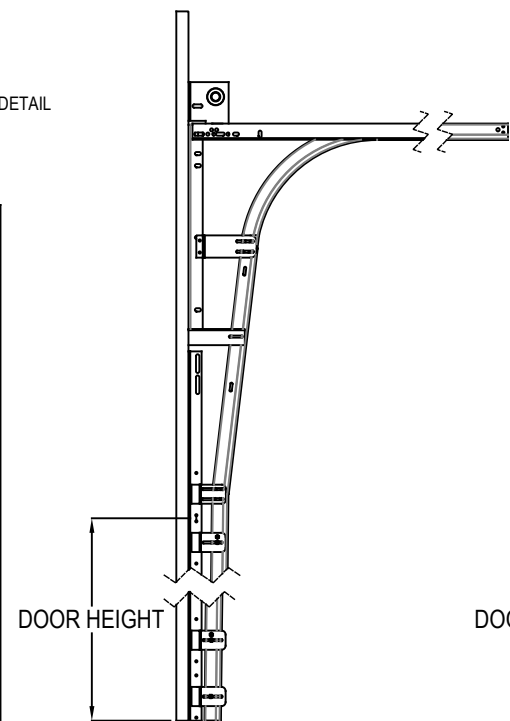


STANDARD LIFT
TRACK DETAIL

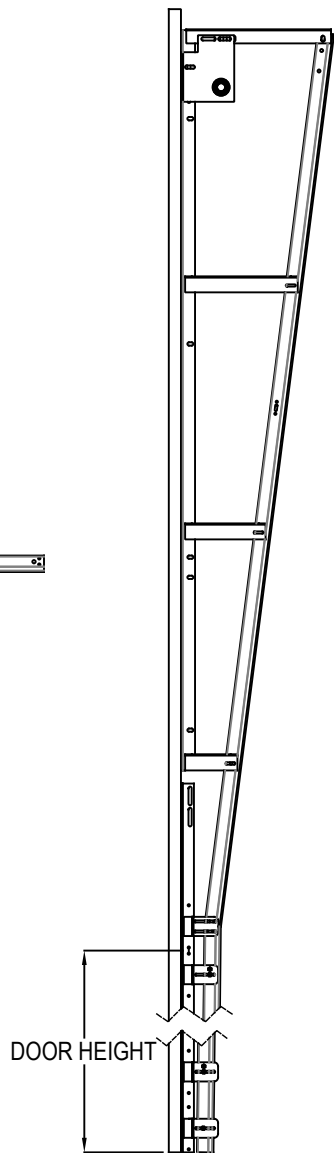


LOW HEADROOM
TRACK DETAIL

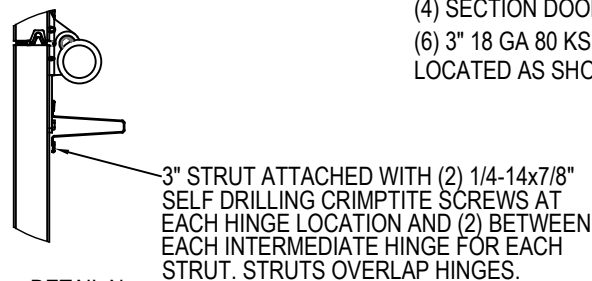
TRACK DETAIL



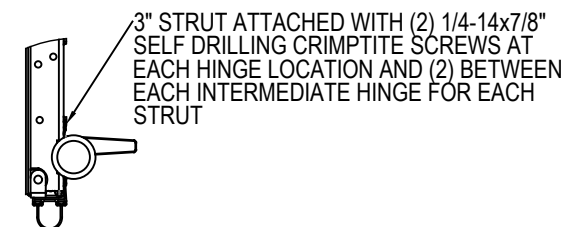
HIGH LIFT
TRACK DETAIL



VERTICAL LIFT
TRACK DETAIL



DETAIL N



DETAIL O

(6) SECTION DOORS WITH
(9) 3" 18 GA 80 KSI U- BARS
LOCATED AS SHOWN

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

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

(7) SECTION DOORS WITH
(11) 3" 18 GA 80 KSI U- BARS
LOCATED AS SHOWN

(8) SECTION DOORS WITH
(12) 3" 18 GA 80 KSI U- BARS
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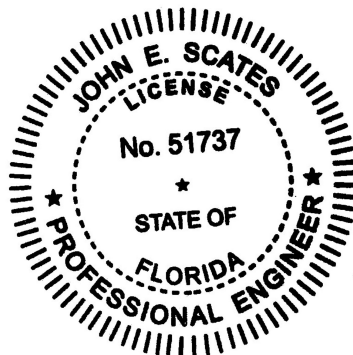
(9) SECTION DOORS WITH
(14) 3" 18 GA 80 KSI U- BARS
LOCATED AS SHOWN

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(15) 3" 18 GA 80 KSI U- BARS
LOCATED AS SHOWN

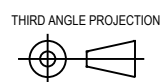
(11) SECTION DOORS WITH
(17) 3" 18 GA 80 KSI U- BARS
LOCATED AS SHOWN

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

STRUT LOCATIONS



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REV
A

SCALE 1:12 UOM = EA SHEET 3 OF 4

