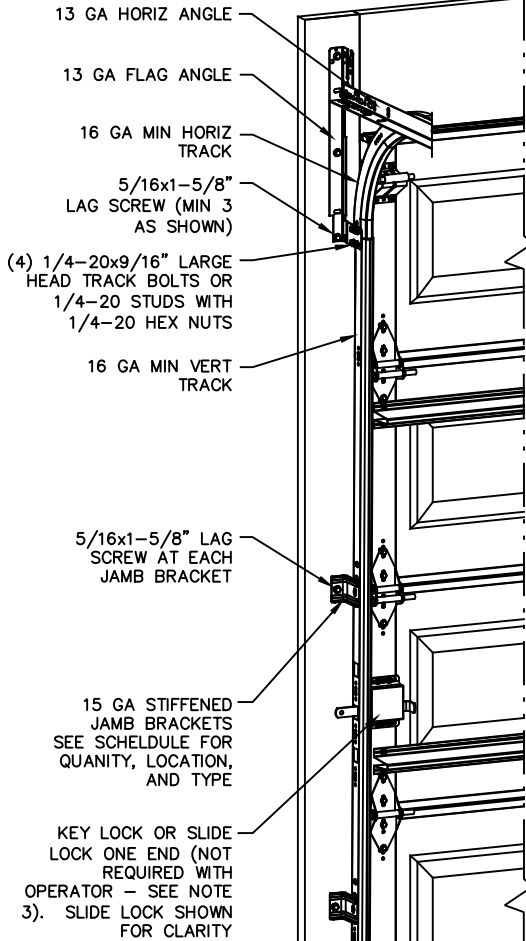


NOTES:

1. NON IMPACT GLAZING OPTIONS:
16 X 9.75 CLEAR OPENING
36.75 X 9.75 CLEAR OPENING
GLAZING SSB (0.090") MINIMUM.
MAY INCLUDE DECORATIVE INSERTS
INSTALLED IN TOP OR INTERMEDIATE SECTION.
NOT AVAILABLE IN MORE THAN ONE SECTION.
DOES NOT SATISFY WINDBORNE-DEBRIS.
2. IMPACT GLAZING NOT AVAILABLE.
3. VINYL OR WOOD DOOR STOP NAILED A
MAXIMUM OF 6" O.C. MUST OVERLAP TOP AND
BOTH ENDS OF PANELS MINIMUM 7/16" TO
MEET NEGATIVE PRESSURES.
4. KEY LOCK, SLIDE LOCK, OR OPERATOR
REQUIRED.
5. LOUVER OPTION - .032" MINIMUM LOUVERS
IN MOLDED FRAMES SCREWED TOGETHER WITH
A MINIMUM OF (10) #8x1" SCREWS INSTALLED
IN THE BOTTOM SECTION. LOUVERS ARE NOT
IMPACT RESISTANT AND DO NOT MEET THE
REQUIREMENTS FOR WIND-BORNE DEBRIS
REGIONS.
6. SECTION STEEL TO HAVE A MINIMUM 25 GA
THICKNESS.
7. 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.
8. DOOR JAMB TO BE GRADE 2 SOUTHERN
PINE. REFER TO JAMB CONNECTION
SUPPLEMENT FOR ATTACHMENT TO SUPPORTING
STRUCTURE.
9. FOR LOW HEAD ROOM LIFT CONDITIONS, TOP
BRACKET SHALL BE A 13 GA LHR 7/4 TOP
BRACKET WITH A MINIMUM OF (3) 1/4-14x7/8"
SELF DRILLING CRIMPTITE SCREWS IN LIEU OF
THE BRACKET SHOWN ON THIS DRAWING.



NOTE: (4) SECTION SOLID DOOR SHOWN. SEE SHEET 2 FOR U-BAR LOCATIONS ON DOORS WITH OTHER SECTION QUANTITIES AND SEE NOTE 1 THIS SHEET FOR GLAZING OPTIONS.

16 GA ROLLER SLIDE ATTACHED TO BRACKET WITH 1/4-20x5/8 BOLT & NUT IN 2 SLOTS

16 GA JUNIOR 'A' FRAME TOP BRACKET ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS

2" NYLON STORMGARD ROLLER WITH 4-1/2" STEM EACH ROLLER LOCATION. OPTIONAL- 11 BALL BEARING NYLON ROLLER

18 GA NARROW BODY END HINGE ATTACHED WITH (4) 1/4-14x5/8" SELF TAPPING SCREWS

18 GA NARROW BODY INTERMEDIATE HINGE ATTACHED WITH (4) 1/4-14x5/8" SELF TAPPING SCREWS

14 GA BOTTOM BRACKET ATTACHED WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS AND (1) 1/4-14x5/8" SELF DRILLING RED SCREW

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
8'-0"	ALL	+63.6/-72.8
9'-0"	ALL	+71.6/-81.9

JAMB BRACKET SCHEDULE

DOOR HEIGHT	NO. OF SECTIONS	NO. OF JAMB BRACKETS (EACH JAMB)	TRACK TYPE	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")
6'-6"	4	2	FAT	10" (JB-US), 48" (JB-US)
7'-0"	4	2	FAT	10" (JB-US), 42" (JB-US)
7'-6"	5	3	FAT	10" (JB-US), 45" (JB-US), 63" (JB-US)
8'-0"	5	3	FAT	10" (JB-US), 48" (JB-US), 63" (JB-US)
> 8'-0"				SEE NOTE BELOW

NOTE:

FAT FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH 1/4-20x9/16" TRACK BOLT AND NUT. ALL DOORS GREATER THAN 8' IN HEIGHT REQUIRE USE OF CONTINUOUS WALL ANGLE. SEE SUPPLEMENT TRACK CHART FOR DETAILS.

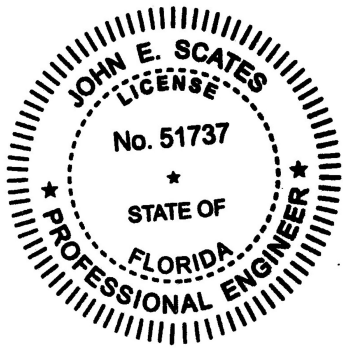
SERIES 170-177, 180-187, 1400, 1440, 1500, 1540

COMPLIES WITH THE REQUIREMENTS OF IBC/IRC 2018.

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THIRD ANGLE PROJECTION		TOLERANCES UNLESS OTHERWISE SPECIFIED			FINISH		The Genuine. The Original.		
HOLE DIAMETER		WHOLE NUMBERS: ± .25			N/A		LEWISVILLE, TEXAS		
UNDER .251 +.004/- .003		.X ± .1			UNIT OF MEASURE		DRAWN BY: G. TAYLOR		
.251 TO .500 +.006/- .003		.XX ± .03			EACH		CHECKED BY: M. SAWICKI		
OVER .500 +.008/- .003		.XXX ± .010			MATERIAL: NONE		APPROVED BY: F. TJONG		
FRACTIONS		ANGLES: ± .5°					DATE: 10/15/10		
± 1/16							10/25/10		
REF DWG	USED ON						11/23/10		
							DRAWING TITLE: SERIES 170, 180WL WS1, 9' MAX WIDE		
							DRAWING NUMBER: D-411039		
							SCALE: N.T.S. SHEET 1 OF 2		

REVISIONS

ER	REV	DESCRIPTION	DATE	APPROVAL
31052	D	REV PER ER	5/31/18	ESC
31052	E	UPDATE NOTES ADD LHR DETAIL	2/13/19	ESC
	F	ADDED IRC/IBC NOTES FOR TDI	4/13/21	TLC
32769	G	REV PER PCR	2/10/22	SW



Digitally signed by John E Scates
Date: 2023.10.07 18:50:41 -05'00'

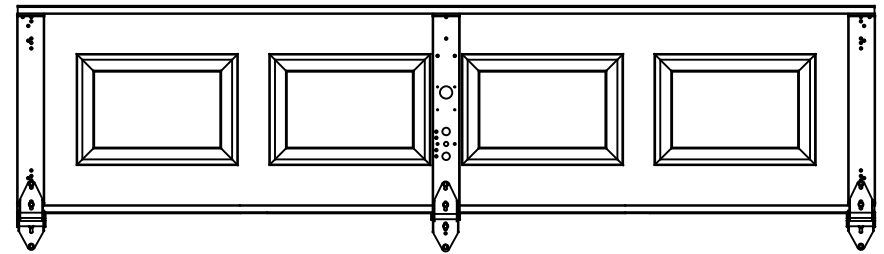
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JOHN E. SCATES, PE
2560 KING ARTHUR BLVD #124-54
LEWISVILLE, TX 75056
FL PE 51737
TX PE 56308/F2203

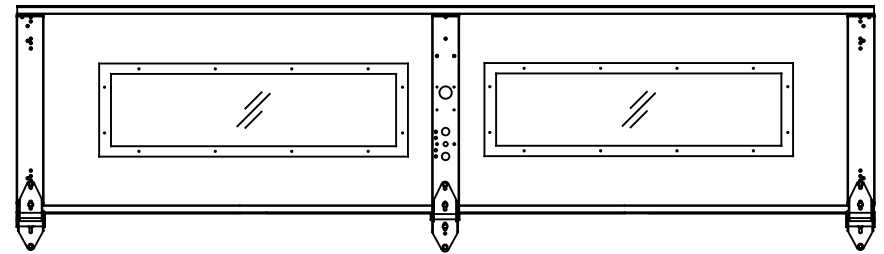
STATIC PRESSURE RATINGS	APPROVED SIZES
DESIGN PRESSURE(PSF): +15.9/-18.2	MAX WIDTH: 9'
IMPACT/CYCLIC RATED: NO	MAX HEIGHT: 14'
	MAX SECTION HEIGHT: 21"

NOTES:

CENTER STILE & INTERMEDIATE HINGE LOCATIONS



LONG LITE GLAZING LAYOUT



U-BAR LOCATIONS

(8) SECTION DOORS WITH
(5) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

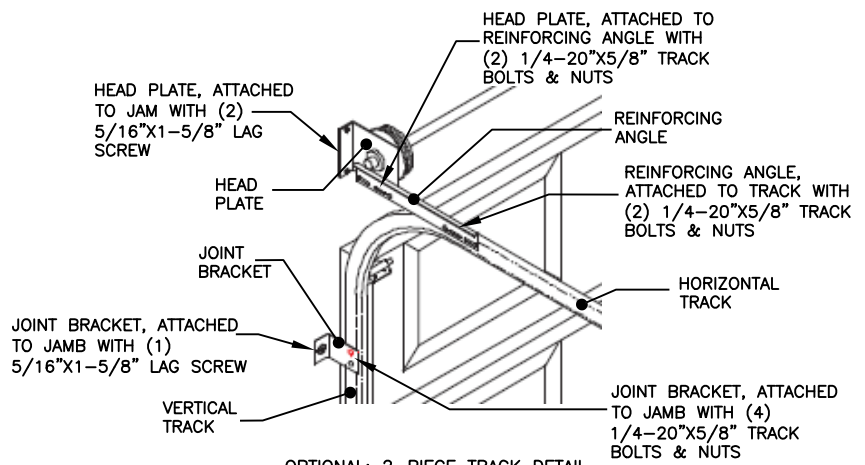
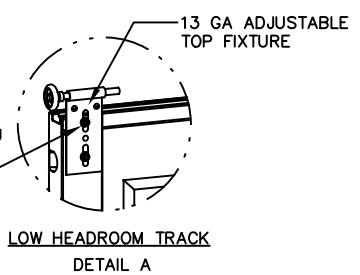
(7) SECTION DOORS WITH
(4) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

(6) SECTION DOORS WITH
(4) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

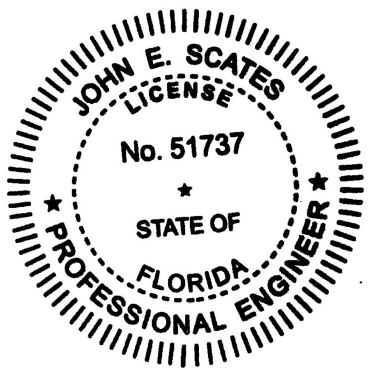
(5) SECTION DOORS WITH
(3) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

(4) SECTION DOORS WITH
(2) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

HEADROOM BRACKET ATTACH THRU
END STILE AT EACH END WITH (2)
1/4-14x7/8" SELF DRILLING
CRIMPITE SCREWS.

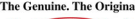


ATTACH U-BARS WITH
(2) 1/4-14x7/8" SELF
DRILLING CRIMPITE SCREWS
AT ALL STILE LOCATIONS, TYP.



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

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			TOLERANCES UNLESS OTHERWISE SPECIFIED				FINISH		LEWISVILLE, TEXAS	NAME	DATE	DRAWING TITLE:	
			HOLE DIAMETER				N/A			DRAWN BY:		SERIES 170, 180WL	
			UNDER .251 +.004/- .003				WHOLE NUMBERS: ± .25			G. TAYLOR	10/15/10	WS1, 9' MAX WIDE	
			.251 TO .500 +.006/- .003				.X ± .1						
			OVER .500 +.008/- .003				.XX ± .03						
			FRACTIONS				UNIT OF MEASURE	MATERIAL:	CHECKED BY:	10/25/10	DRAWING NUMBER		
			± 1/16				EACH	NONE	APPROVED BY:	11/23/10	D-411039		
			ANGLES: ± .5°						F. TJONG		SCALE: N.T.S.		
REF DWG	USED ON										SHEET 2 OF 2		