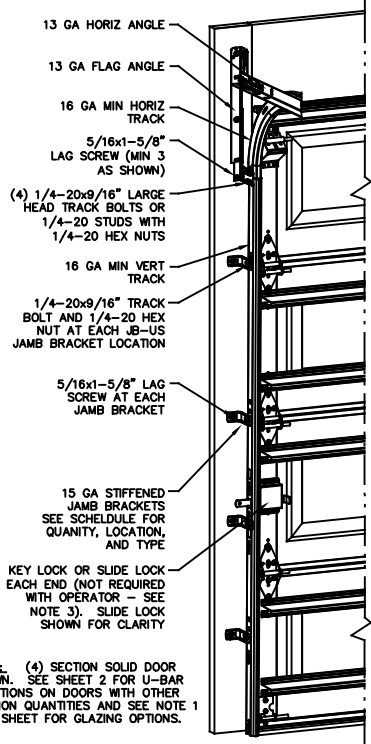
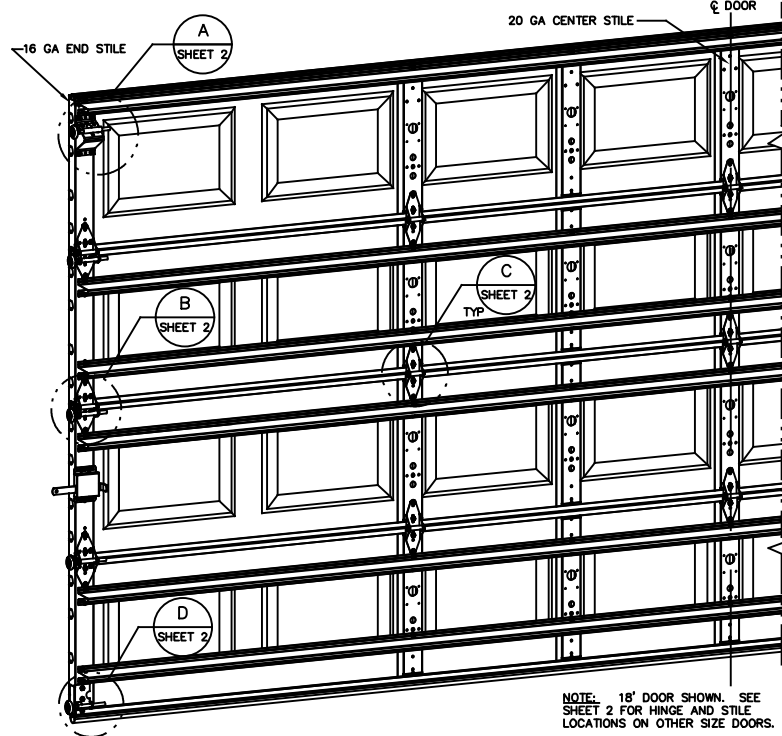


NOTES:

- 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.
- IMPACT GLAZING NOT AVAILABLE.
- 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.
- KEY LOCK, SLIDE LOCKS, OR OPERATOR
REQUIRED.
- LOUVER OPTION - .032" MINIMUM LOUVERS
IN MOLDED FRAMES SCREWED TOGETHER WITH
A MINIMUM OF (10) #6x1" SCREWS INSTALLED
IN THE BOTTOM SECTION. LOUVERS ARE NOT
IMPACT RESISTANT AND DO NOT MEET THE
REQUIREMENTS FOR WIND-BORNE DEBRIS
REGIONS.
- SECTION STEEL TO HAVE A MINIMUM 25 GA
THICKNESS.
- 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.
- DOOR JAMB TO BE GRADE 2 SOUTHERN
PINE. REFER TO JAMB CONNECTION
SUPPLEMENT FOR ATTACHMENT TO SUPPORTING
STRUCTURE.
- 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 CRIMPITITE SCREWS IN LIEU OF
THE BRACKET SHOWN ON THIS DRAWING.
U-BAR ON TOP SECTION SHALL BE INSTALLED
ON TOP OF LHR TOP BRACKETS.



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.



NOTE: 18' DOOR SHOWN. SEE SHEET 2 FOR HINGE AND STILE LOCATIONS ON OTHER SIZE DOORS.

REVISIONS				
CR	REV	DESCRIPTION	DATE	APPROVAL
	C	REV TITLE BLOCK	10/2/2017	ESC
31052	D	REV PER ER	5/31/18	ESC
31052	E	UPDATE NOTES ADD LHR DETAIL	2/13/19	ESC
	F	ADDED IBC/IRC NOTES FOR TD	4/12/21	TLC

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
17'-0"	ALL	+157.3/-176.0
18'-0"	ALL	+166.5/-186.3

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	4	FAT	10" (JB-US), 25-3/4" (JB-US), 39" (JB-US), 57-1/4" (JB-US)
7'-0"	4	4	FAT	10" (JB-US), 29-3/4" (JB-US), 42" (JB-US), 63-1/4" (JB-US)
7'-6"	5	6	FAT	2" (JB-US), 10" (JB-US), 26-3/4" (JB-US), 45" (JB-US), 63" (JB-US), 74-1/2" (JB-US)
8'-0"	5	6	FAT	2" (JB-US), 10" (JB-US), 29-3/4" (JB-US), 48" (JB-US), 57-1/2" (JB-US), 77-1/2" (JB-US)
> 8'-0"				SEE NOTE BELOW

NOTE: (FAT AND NGR) 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.

STATIC PRESSURE RATINGS	APPROVED SIZES
DESIGN PRESSURE (PSF): +18.5/-20.7	MAX WIDTH: 18'
	MAX HEIGHT: 14'
IMPACT/CYCLIC RATED: NO	MAX SECTION HEIGHT: 21'

JOHN E. SCATES, PE
2360 KING ARTHUR BLVD #124-54
LEWISVILLE, TX 75058
FL PE 51737
TX PE 56306/F2203

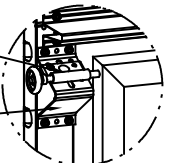
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	HOLE DIAMETER UNDER .251 +.004/-0.003 .251 TO .500 +.006/-0.003 OVER .500 +.008/-0.003	WHOLE NUMBERS: ± .25 ± .1 ± .03 ± .010 ± .5°	FINISH N/A	NAME G. TAYLOR	DATE 10/15/10
	REF DWG USED ON	UNIT OF MEASURE EACH	MATERIAL NONE	CHECKED BY M. SAWICKI	DATE 10/25/10
DRAWING TITLE SERIES 170, 180WL WS3, 18' MAX WIDE			DRAWING NUMBER D-411051		
SCALE N.T.S.			SHEET 1 OF 2		

13 GA ROLLER SLIDE ATTACHED TO BRACKET WITH 5/16-18 BOLT & NUT IN CENTER SLOT AND 1/4-20x9/16" TRACK BOLT & 1/4-20 HEX NUT THROUGH ANY TWO ALIGNING HOLES

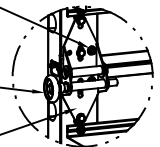
13 GA COMMERCIAL 'A' FRAME TOP BRACKET ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS



ADD (2) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS (INSIDE OF EACH END HINGE)

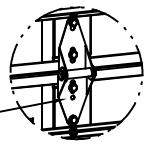
DETAIL A

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



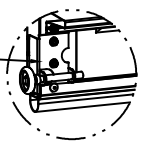
DETAIL B

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



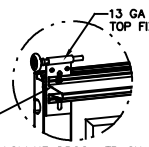
DETAIL C

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



DETAIL D

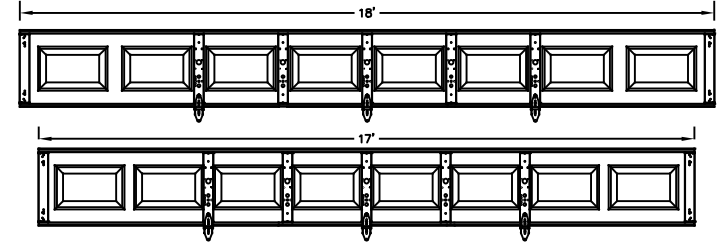
14 GA BOTTOM BRACKET ATTACHED WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS AND (1) 1/4-14x5/8" SELF DRILLING RED SCREW



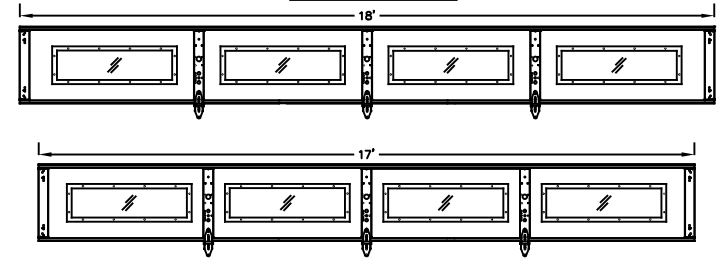
DETAIL E

PLACE 3" U-BAR OVER LOW HEADROOM BRACKET ATTACH THRU END STILE AT EACH END WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS.

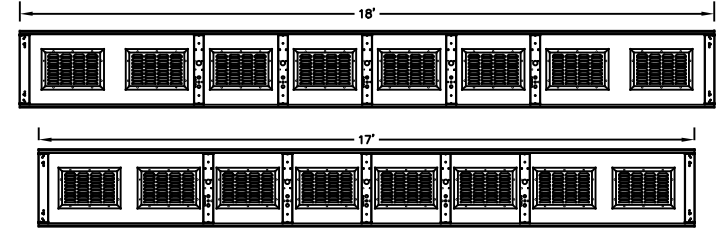
CENTER STILE & INTERMEDIATE HINGE LOCATIONS



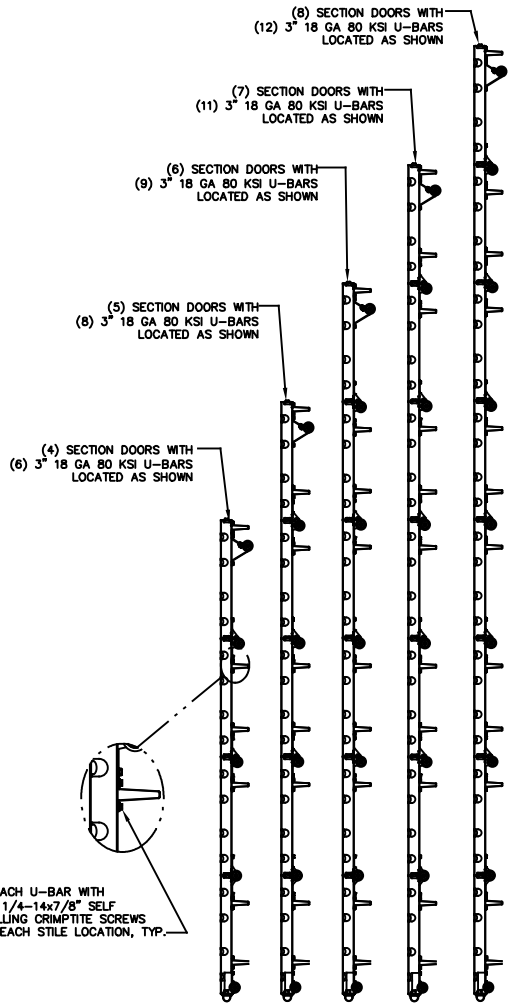
LONG LITE GLAZING LAYOUT



LOUVER - OPTIONAL IN BOTTOM SECTION



U-BAR LOCATIONS



ATTACH U-BAR WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS AT EACH STILE LOCATION, TYP.

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LEWISVILLE, TX 75058
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IMPACT/CYCLIC RATED: NO	MAX SECTION HEIGHT: 21'

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							APPROVED BY T. CLARK	DATE 4/12/21	SHEET 2 OF 2