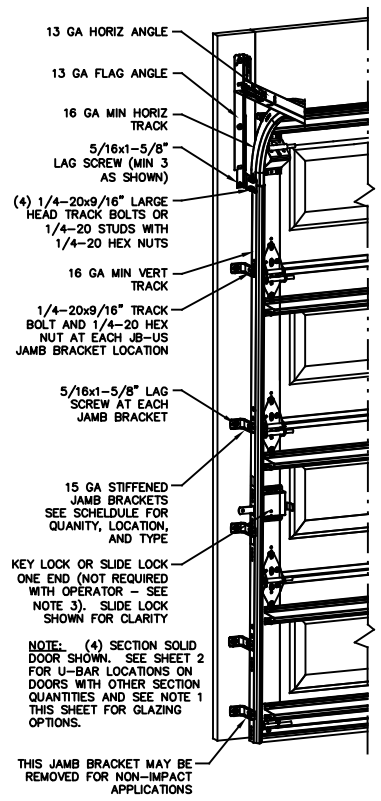
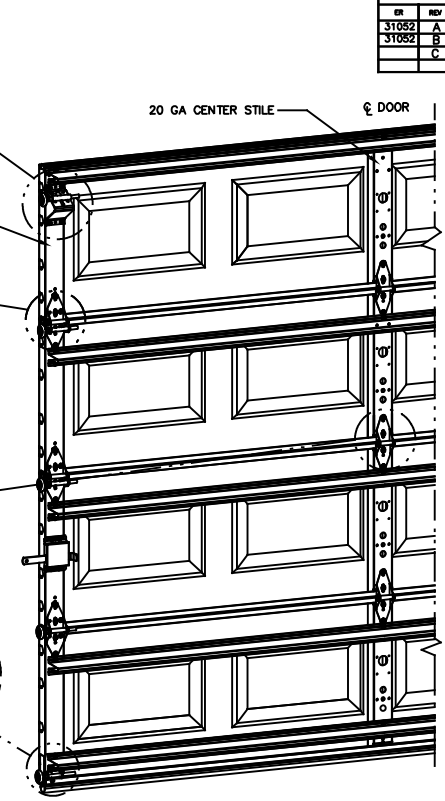


- NOTES:**
- NON IMPACT GLAZING OPTIONS:
16 X 9.75 CLEAR OPENING
36.75 X 9.75 CLEAR OPENING
GLAZING SSB (0.090") MINIMUM.
MAY INCLUDE DECORATIVE INSERTS
INSTALLED IN TOP OR INTERMEDIATE SECTION.
NOT AVAILABLE IN MORE THAN ONE SECTION.
DOES NOT SATISFY WINDBORNE-DEBRIS.
 - IMPACT GLAZING OPTION:
16.75 X 9.75 CLEAR OPENING
GLAZING 1/4" GROOVED POLYCARBONATE
ALUMINUM FRAMES WITH 10 SCREWS MAY
INCLUDE DECORATIVE INSERTS INSTALLED IN
TOP OR INTERMEDIATE SECTION.
NOT AVAILABLE IN MORE THAN ONE SECTION.
SEE ASSEMBLY DETAIL ON SHEET 2.
 - 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 LOCK, OR OPERATOR
REQUIRED.
 - 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.
 - 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.



- 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
- 12 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)
- 2" NYLON STORMGARD ROLLER WITH 4-1/2" STEM EACH ROLLER LOCATION. OPTIONAL- 11 BALL BEARING NYLON ROLLER
- #1 HINGE IS 14 GA
#2 HINGE IS 13 GA
#3 HINGE (AND ALL ABOVE) ARE 13 GA 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 CRIMPITITE SCREWS AND (1) 1/4-14x5/8" SELF DRILLING RED SCREW. (12 GA FOR IMPACT RATED ONLY)



REVISIONS				
CR	REV	DESCRIPTION	DATE	APPROVAL
31052	A	NEW DRAWING	10/12/18	ESC
31052	B	UPDATE NOTES ADD LHR DETAIL	2/13/19	ESC
	C	ADDED IBC/IRC NOTES FOR TDI	4/13/21	TLC

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
8'-0"	ALL	+107.6/-123.2
9'-0"	ALL	+121.1/-138.6

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"	5	5	FAT	2" (JB-US), 10" (JB-US), 25-3/4" (JB-US), 39" (JB-US), 57-1/4" (JB-US)
7'-0"	5	5	FAT	2" (JB-US), 10" (JB-US), 29-3/4" (JB-US), 42" (JB-US), 63-1/4" (JB-US)
7'-6"	6	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"	6	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:
(JB-US) 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): +26.9/-30.8	MAX WIDTH: 9'
IMPACT/CYCLIC RATED: YES	MAX HEIGHT: 14'
	MAX SECTION HEIGHT: 21'

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

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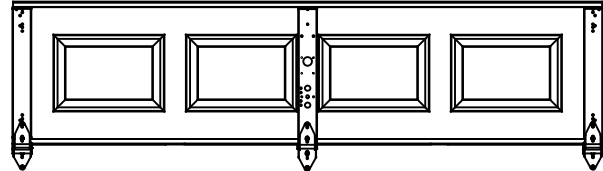
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	HOLE DIAMETER UNDER .251 +.004/-0.003 .251 TO .500 +.006/-0.003 OVER .500 +.008/-0.003	WHOLE NUMBERS: ± .25 .X ± .1 .XX ± .03 .XXX ± .010 ANGLES: ± .5°	FINISH N/A	DATE 10/12/18	DRAWING TITLE SERIES 170, 180WL WSS, 9' MAX WIDE
	REF DWG USED ON	TOLERANCES UNLESS OTHERWISE SPECIFIED	UNIT OF MEASURE EACH	MATERIAL NONE	CHECKED BY D. KORNISH DATE 10/12/18

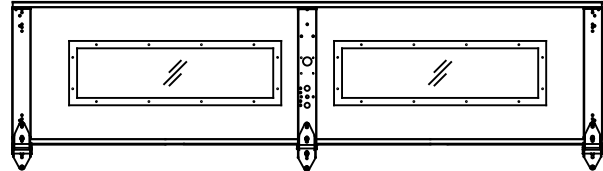
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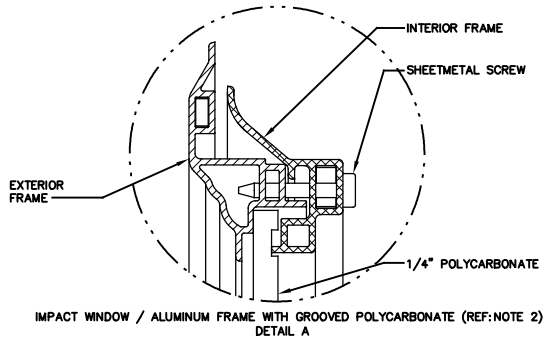
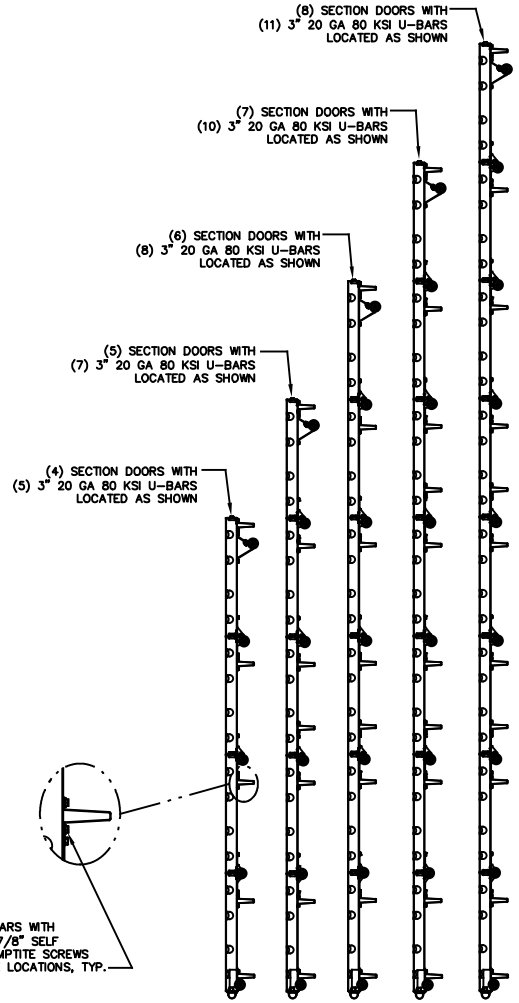
CENTER STILE & INTERMEDIATE HINGE LOCATIONS



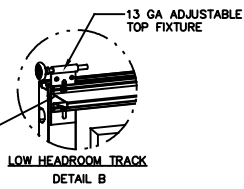
LONG LITE GLAZING LAYOUT



U-BAR LOCATIONS



IMPACT WINDOW / ALUMINUM FRAME WITH GROOVED POLYCARBONATE (REF:NOTE 2)
DETAIL A



LOW HEADROOM TRACK
DETAIL B

PLACE 3" U-BAR OVER LOW 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.

STATIC PRESSURE RATINGS	APPROVED SIZES
DESIGN PRESSURE(PSF): +26.9/-30.8	MAX WIDTH: 9'
	MAX HEIGHT: 14'
IMPACT/CYCLIC RATED: YES	MAX SECTION HEIGHT: 21'

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REF DWG	USED ON	 TOLERANCES UNLESS OTHERWISE SPECIFIED HOLE DIAMETER UNDER .251 +.004/-0.003 .251 TO .500 +.006/-0.003 OVER .500 +.008/-0.003 FRACTIONS $\pm 1/16$ FINISH N/A UNIT OF MEASURE EACH MATERIAL NONE	WHOLE NUMBERS: $\pm .25$ $\pm .1$ $\pm .03$ $\pm .010$ ANGLES: $\pm .5^\circ$	FINISH N/A UNIT OF MEASURE EACH MATERIAL NONE	THE GENUINE, THE ORIGINAL. LEWISVILLE, TEXAS	NAME	DATE	DRAWING TITLE
						CHECKED BY: E. CONRAD 10/12/18 D. KORNISH 10/12/18 APPROVED BY: T. CLARK 4/13/21	SERIES 170, 180WL WSS, 9' MAX WIDE D-411537 SCALE: N.T.S. SHEET 2 OF 2	

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