NOTES:

1. NON–IMPACT RESISTANT GLAZING OPTION – 3/32" MINIMUM SSB ANNEALED GLAZING IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (14) #8x1" SCREWS (2X ALONG THE VERTICAL AND 5X ALONG THE HORIZONTAL) INSTALLED IN ANY OR ALL SECTIONS MEETS UNIFORM STATIC WIND PRESSURES SHOWN ON THIS DRAWING. MAXIMUM GLAZING DIMENSIONS SHALL BE 38.5" x 13" CLEAR OPENING. GLASS IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND–BORNE DEBRIS REGIONS. SEE DETAIL E ON SHEET 2 FOR ASSEMBLY DETAILS.

ALTERNATE OPTION– 1/2" INSULATED DSB ANNEALED GLAZING IN ALUMINUM EXTERIOR FRAME/PLASTIC MOLDED INTERIOR FRAME SCREWED TOGETHER WITH A MINIMUM OF (14) #8X1" SCREWS (2X ALONG THE HORIZONTAL AND 5X ALONG THE HORIZONTAL) INSTALLED IN ANY OR ALL SECTIONS MEETS UNIFORM STATIC WIND PRESSURES SHOWN ON THIS DRAWING. MAXIMUM GLAZING DIMENSIONS SHALL BE 39" X 5–1/6" CLEAR OPENING. GLASS IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND–BORNE DEBRIS REGIONS. SEE DETAIL F ON SHEET 2 FOR ASSEMBLY DETAILS.

2. VINYL OR WOOD DOOR STOP NAILED A MAXIMUM OF 6" O.C. MUST OVERLAP TOP AND BOTH ENDS OF PANELS MINIMUM 7/16" OR DOOR MAY OVERLAP JAMBS BY 1" ON EACH SIDE.

3. KEY LOCK, SLIDE LOCK, OR OPERATOR REQUIRED.

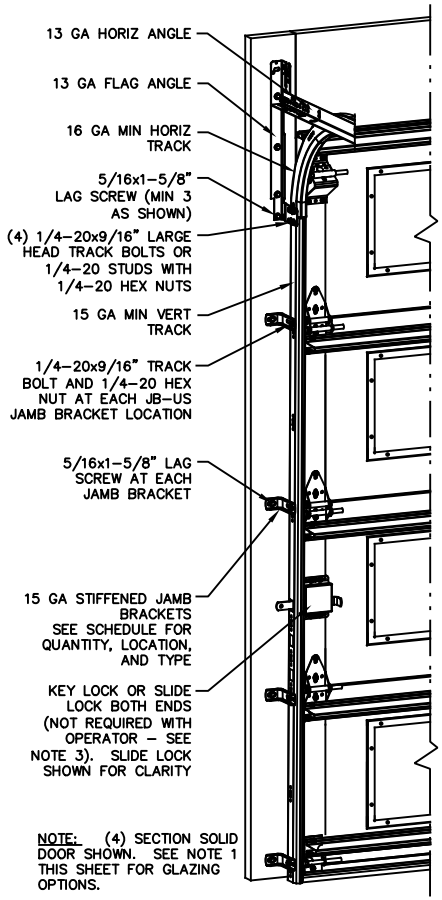
4. FACER STEEL TO HAVE A MINIMUM 27 GA THICKNESS AND BACKER STEEL TO HAVE A MINIMUM 29 GA THICKNESS.

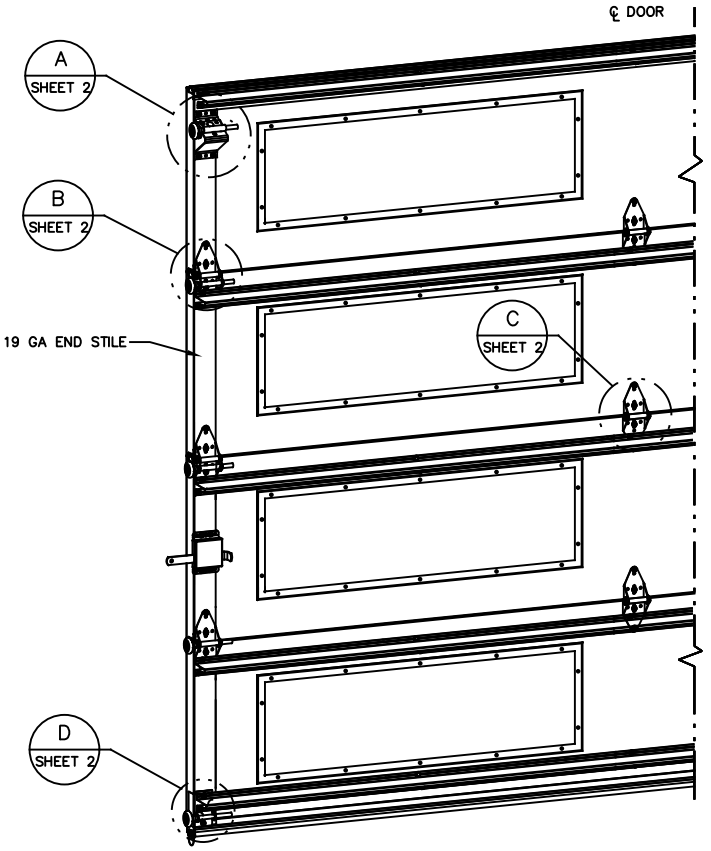
5. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

6. DOOR JAMB TO BE MINIMUM 2x6 SOUTHERN PINE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.

7. 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. U–BAR ON TOP SECTION SHALL BE INSTALLED ON TOP OF LHR TOP BRACKETS.

8. COMPLIES WITH THE REQUIREMENTS OF IBC/IRC 2018.





REVISIONS

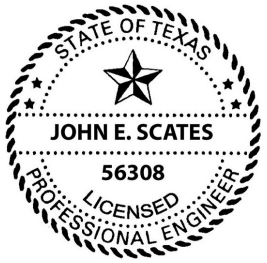
REV – INITIAL DRAWING
JQ 3/09/21

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE		
DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
8'–2"	ALL	+75.1/–84.9
9'–2"	ALL	+84.3/–95.3

JAMB BRACKET SCHEDULE			
DOOR HEIGHT	NO. OF SECTIONS	NO. OF JAMB BRACKETS (EACH JAMB)	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")
6'–6"	4	4	2" (JB–US), 21–3/4" (JB–US), 48" (JB–US), 57–1/4" (JB–US)
7'–0"	4	4	2" (JB–US), 21–3/4" (JB–US), 42" (JB–US), 63–1/4" (JB–US)
7'–6"	4 OR 5	4	2" (JB–US), 26–3/4" (JB–US), 45" (JB–US), 74–1/2" (JB–US)
8'–0"	4 OR 5	4	2" (JB–US), 21–3/4" (JB–US), 48" (JB–US), 75–1/2" (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 AS SHOWN ABOVE.

ALL DOORS GREATER THAN 8' IN HEIGHT REQUIRE USE OF CONTINUOUS WALL ANGLE. SEE SUPPLEMENT TRACK CHART FOR DETAILS.



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

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

Digitally signed by John E. Scates, P.E.
Date: 2021.05.05 12:23:30 -05'00'

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STATIC PRESSURE RATINGS	APPROVED SIZES	SCALE: N.T.S.		SIZE: A
DESIGN (PSF): +18.40/–20.80	MAX WIDTH: 9'–2"		DATE	NAME
TEST (PSF): +27.60/–31.20	MAX HEIGHT: 24'–0"	DRAWN	03/09/21	JQ
IMPACT/CYCLIC RATED (YES/NO): NO	MAX SECTION HEIGHT: 24"	CHECKED	03/31/21	DK

MODELS 5745/5765/7565/7655/515/525

SHEET 1 OF 2

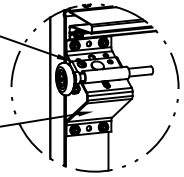
WINDLOAD SPECIFICATION OPTION CODE 2601

DRAWING PART NO. 411891

REV. –

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

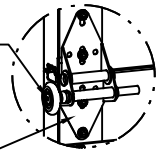
13 GA COMMERCIAL 'A' FRAME TOP BRACKET ATTACHED WITH (4) 1/4–14x7/8" SELF DRILLING CRIMPTITE SCREWS



DETAIL A

2" STEEL ROLLER WITH 5–1/4" STEM. OPTIONAL– 11 BALL BEARING NYLON ROLLER.

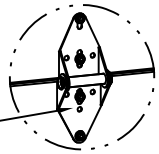
WIDE BODY END HINGE ATTACHED WITH (4) 1/4–14x7/8" SELF DRILLING CRIMPTITE SCREWS



DETAIL B

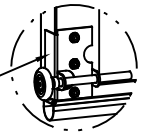
SINGLE END HINGE
#1 HINGE 14GA
#2 HINGE 13GA
#3 HINGE 13GA

14 GA WIDE BODY INTERMEDIATE HINGE ATTACHED WITH (4) 1/4–14x7/8" SELF DRILLING CRIMPTITE SCREWS



DETAIL C

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



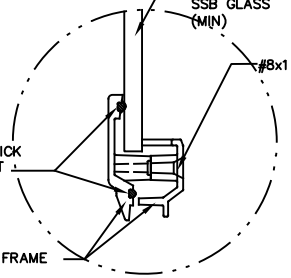
DETAIL D

.090" ANNEALED SSB GLASS (MIN)

#8x1 SCREWS

1/8" BEAD OF BOSTICK 1100 OR EQUIVALENT

MOLDED FRAME



PLASTIC FRAME (STATIC RATED) DETAIL E

STATIC FRAME SIZE	DAYLIGHT OPENING (DLO)	SCREW QTY
18.74 X 13.76	15 X 11	10
18.25 X 15.25	15.75 X 12.75	6
39.88 X 12.69	35.8 X 8.6	14
40.50 X 15.25	37.8 X 12.75	14
40.75 X 7	37.75 X 4	14
43.96 X 15.09	40.13 X 11.25	22

1/8" FOAM TAPE APPLIED HERE

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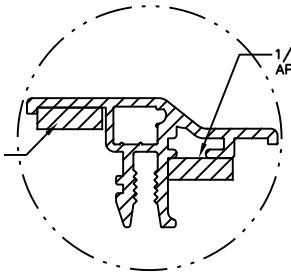


ALUMINUM FRAME (STATIC RATED ALTERNATE FRAME OPTION) DETAIL F

(10) SECTION DOORS WITH (11) 2" 20 GA 80 KSI U–BARS LOCATED AS SHOWN

(9) SECTION DOORS WITH (10) 2" 20 GA 80 KSI U–BARS LOCATED AS SHOWN

(8) SECTION DOORS WITH (9) 2" 20 GA 80 KSI U–BARS LOCATED AS SHOWN

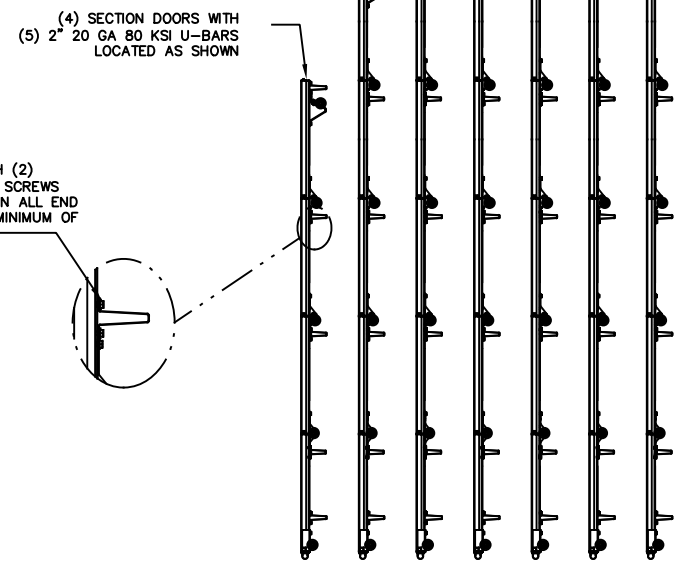
(7) SECTION DOORS WITH (8) 2" 20 GA 80 KSI U–BARS LOCATED AS SHOWN

(6) SECTION DOORS WITH (7) 2" 20 GA 80 KSI U–BARS LOCATED AS SHOWN

(5) SECTION DOORS WITH (6) 2" 20 GA 80 KSI U–BARS LOCATED AS SHOWN

(4) SECTION DOORS WITH (5) 2" 20 GA 80 KSI U–BARS LOCATED AS SHOWN

ALL U–BARS SHALL BE ATTACHED WITH (2) 1/4–14x7/8" SELF DRILLING CRIMPTITE SCREWS AT EACH HINGE LOCATION AND BETWEEN ALL END HINGES AND INTERMEDIATE HINGES. A MINIMUM OF (10) FASTENERS ARE TO BE USED.



REVISIONS

STATE OF TEXAS
JOHN E. SCATES
56308
LICENSED PROFESSIONAL ENGINEER

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2560 KING ARTHUR #124–54
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SHEET 2 OF 2

WINDLOAD SPECIFICATION OPTION CODE 2601

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REV. –