NOTES:

1. IMPACT RESISTANT GLAZING OPTION – IMPACT RESISTANT GLAZING SYSTEM MAY BE INSTALLED IN ANY OR ALL SECTIONS. GLAZING SHALL BE 1/4" GROOVED POLYCARBONATE. ALUMINUM FRAMES ASSEMBLED WITH (16) SCREWS. MAXIMUM CLEAR OPENING OF 40" X 12–3/4", FASTENED WITH A MINIMUM #8 X 1" SMS: 5X ALONG THE HORIZONTAL AND 3X ALONG THE VERTICAL. SEE DETAIL E ON SHEET 2 FOR ASSEMBLY DETAILS.

2. NON–IMPACT RESISTANT GLAZING OPTION – 3/32" MINIMUM SSB ANNEALED GLAZING IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (14) #8x1" SCREWS WITH WASHERS (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 F 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 G ON SHEET 2 FOR ASSEMBLY DETAILS.

3. MINIMUM 1" OVERLAP ON BOTH JAMBS REQUIRED TO MEET NEGATIVE DESIGN PRESSURES.

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

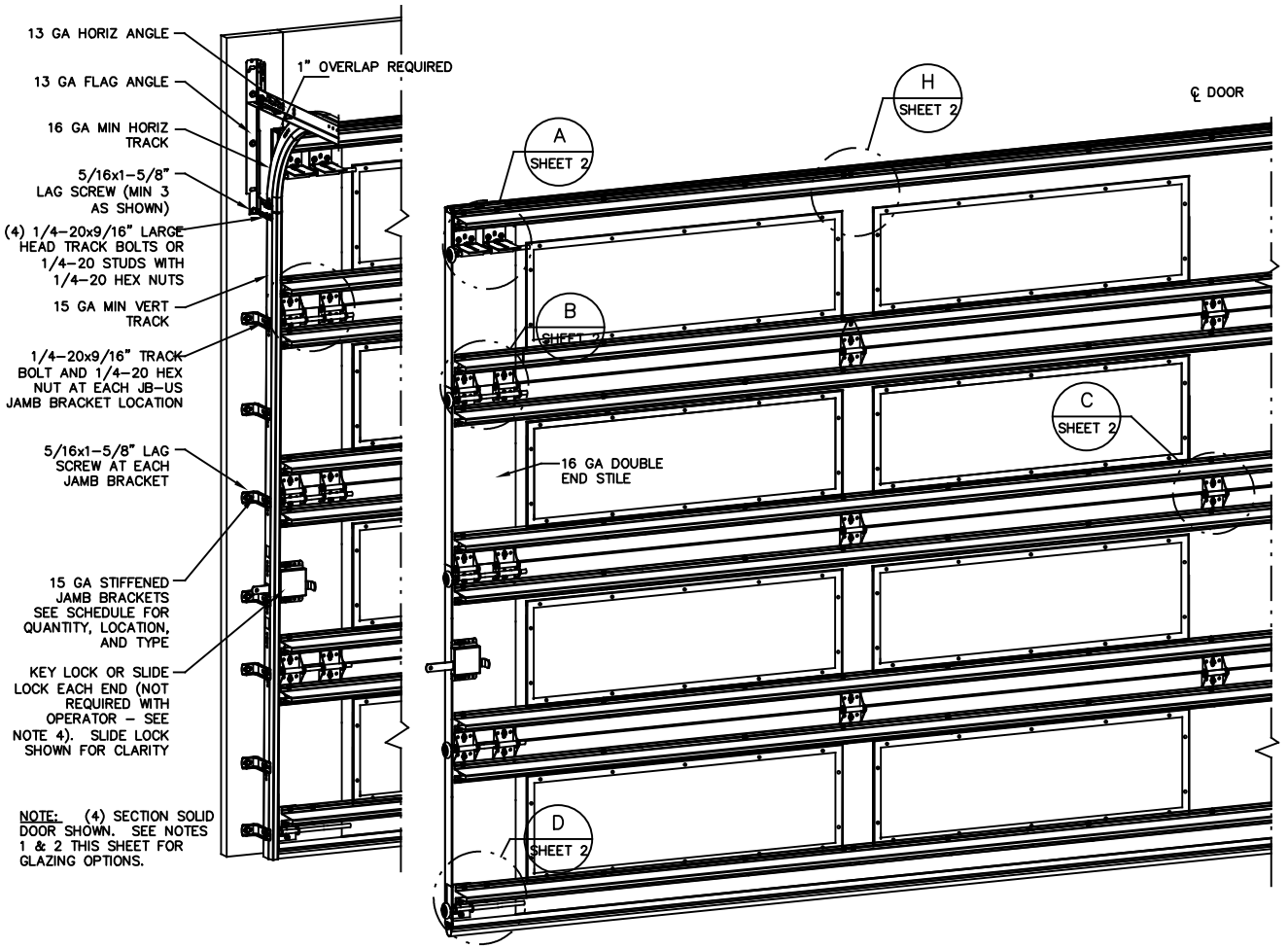
5. FACER STEEL TO HAVE A MINIMUM 27 GA THICKNESS AND BACKER STEEL TO HAVE A MINIMUM 29 GA THICKNESS.

6. 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.

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

8. FOR LOW HEAD ROOM LIFT CONDITIONS, TOP BRACKET SHALL BE A 13 GA LHR 7/4 TOP BRACKET WITHOUT PUSHNUTS AND 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.

9. 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)
10'–2"	ALL	+181.4/–208.4
12'–2"	ALL	+217.1/–249.4
14'–2"	ALL	+252.8/–290.4
15'–2"	ALL	+270.7/–310.9
16'–2"	ALL	+288.5/–331.4

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	7	2" (JB–US), 10" (JB–US), 21–3/4" (JB–US), 29–3/4" (JB–US), 39" (JB–US), 48" (JB–US), 57–1/4" (JB–US)
7'–0"	4	7	2" (JB–US), 10" (JB–US), 21–3/4" (JB–US), 29–3/4" (JB–US), 42" (JB–US), 52–1/2" (JB–US), 63–1/4" (JB–US)
7'–6"	4 OR 5	8	2" (JB–US), 10" (JB–US), 18–3/4" (JB–US), 26–3/4" (JB–US), 36" (JB–US), 45" (JB–US), 54–1/4" (JB–US), 74–1/2" (JB–US)
8'–0"	4 OR 5	8	2" (JB–US), 10" (JB–US), 21–3/4" (JB–US), 29–3/4" (JB–US), 39" (JB–US), 48" (JB–US), 57–1/2" (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.

STATE OF TEXAS
JOHN E. SCATES
56308
LICENSED PROFESSIONAL ENGINEER

Digitally signed by John E. Scates, P.E.
Date: 2021.04.27 18:28:05 -05'00'

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

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A DIVISION OF OVERHEAD DOOR CORP
3395 ADDISON DRIVE
PENSACOLA, FLORIDA 32514
(850) 474–9890

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A
DESIGN (PSF):	+36.80/–41.60	MAX WIDTH:	16'–2"		DATE	NAME
TEST (PSF):	+55.20/–62.40	MAX HEIGHT:	24'–0"	DRAWN	03/09/21	JQ
IMPACT/CYCLIC RATED (YES/NO):	YES	MAX SECTION HEIGHT:	24"	CHECKED	03/31/21	DK

MODELS 4600/4650/6600/8300/8350/8500/5150/5200

SHEET 1 OF 2

WINDLOAD SPECIFICATION OPTION CODE 2611

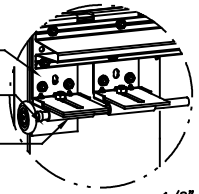
DRAWING PART NO. 365444

REV. –

(2) 12 GA COMMERCIAL 'L' FRAME TOP BRACKETS ATTACHED WITH (4) 1/4–20x7/8" SELF DRILLING SCREWS (2 THROUGH STRUT AND TOP BRACKET)

'L' FRAME REINFORCING ANGLE BRACKET ATTACHED WITH (1) 1/4–20x7/8" SELF DRILLING SCREWS

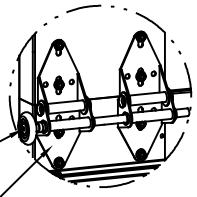
13 GA ROLLER SLIDE ATTACHED TO BRACKET WITH 5/16–18 BOLT & NUT IN THE CENTER SLOT



DETAIL A

2" STEEL ROLLER WITH 9" GRADE 1144 OR EQUIVALENT STEM. OPTIONAL– 11 BALL BEARING NYLON ROLLER WITH 1144 OR EQUIVALENT STEM.

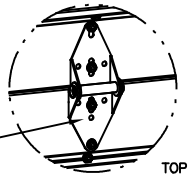
(2) WIDE BODY END HINGES EACH ATTACHED WITH (4) 1/4–14x7/8" SELF DRILLING CRIMPTITE SCREWS



DETAIL B

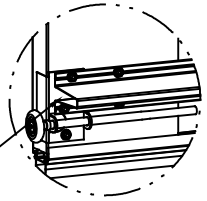
DOUBLE END HINGE
#1 HINGE 14GA
#2 HINGE 13GA
#3 HINGE 13GA

14 GA WIDE BODY NTERMEDIATE 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 THROUGH STRUT AND BOTTOM BRACKET AND (1) 1/4–14x5/8" SELF DRILLING TAMPER RESISTANT SCREW



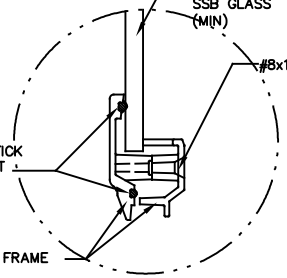
DETAIL D

.090" ANNEALED SSB GLASS (MIN)

#8x1 SCREWS

1/8" BEAD OF BOSTICK 1100 OR EQUIVALENT

MOLDED FRAME



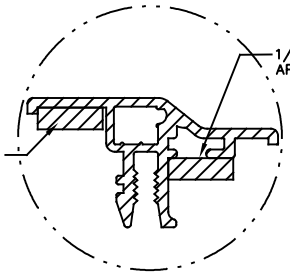
PLASTIC FRAME (STATIC RATED) DETAIL F

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

IMPACT FRAME SIZE	DAYLIGHT OPENING (DLO)	SCREW QTY
19.2 X 15.3	15 X 11	10
19.8 X 16.8	15.75 X 12.75	10
40 X 12.8	35.8 X 8.6	14
42 X 16.8	37.8 X 12.75	14
41.2 X 7.1	37 X 3	12
44.1 X 15.5	40.13 X 11.25	16

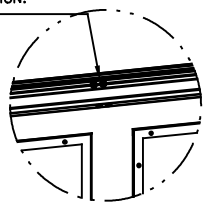
1/8" FOAM TAPE APPLIED HERE

1/8" FOAM TAPE APPLIED HERE



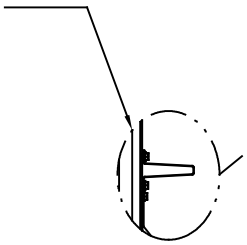
ALUMINUM FRAME (STATIC RATED ALTERNATE FRAME OPTION) DETAIL G

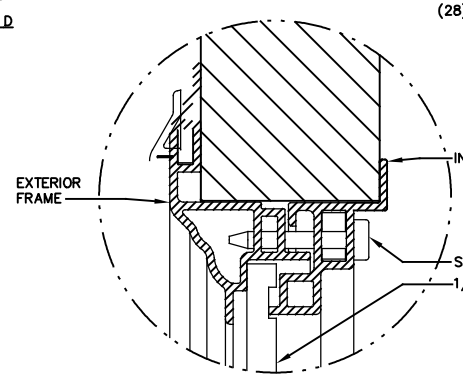
TOP AND BOTTOM U–BARS SHALL BE ATTACHED WITH (4)1/4–14x7/8" SELF DRILLING CRIMPTITE SCREWS AT EACH HINGE LOCATION.



DETAIL H

ALL INTERMIDEATE U–BARS SHALL BE ATTACHED WITH (2) 1/4–14x7/8" SELF DRILLING CRIMPTITE SCREWS AND ALL TOP AND BOTTOM U–BARS SHALL BE ATTACHED WITH (4)1/4–14x7/8" SELF DRILLING CRIMPTITE SCREWS AT EACH HINGE LOCATION. ALL U–BARS SHALL BE ATTACHED WITH (4) 1/4–14x7/8" SELF DRILLING CRIMPTITE SCREWS BETWEEN ALL END HINGES AND INTERMEDIATE HINGES. A MINIMUM OF (28) FASTENERS ARE TO BE USED.





DETAIL E

(10) SECTION DOORS WITH (20) 3" 18 GA 80 KSI U–BARS LOCATED AS SHOWN

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

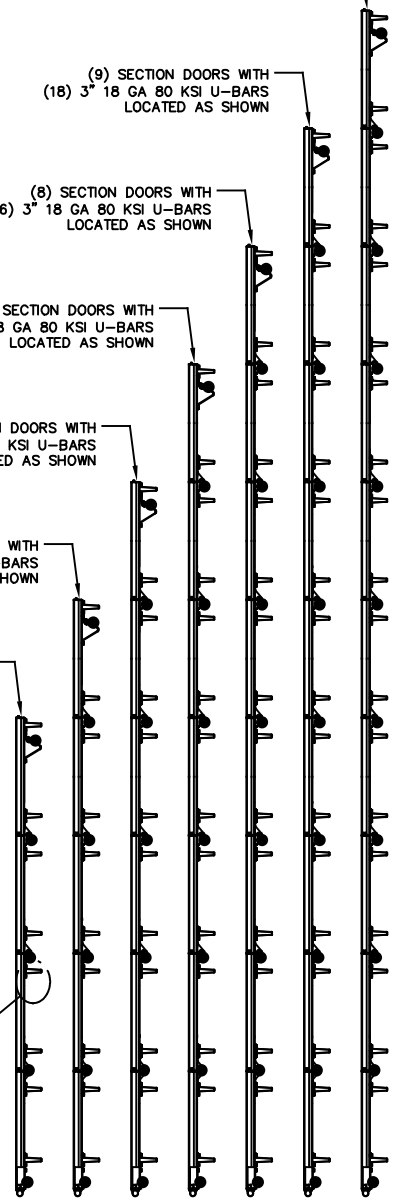
(8) SECTION DOORS WITH (16) 3" 18 GA 80 KSI U–BARS LOCATED AS SHOWN

(7) SECTION DOORS WITH (14) 3" 18 GA 80 KSI U–BARS LOCATED AS SHOWN

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

(5) SECTION DOORS WITH (10) 3" 18 GA 80 KSI U–BARS LOCATED AS SHOWN

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



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MODELS 4600/4650/6600/8300/8350/8500/5150/5200

SHEET 2 OF 2

WINDLOAD SPECIFICATION OPTION CODE 2611

DRAWING PART NO. 365444

REV. –

REVISIONS