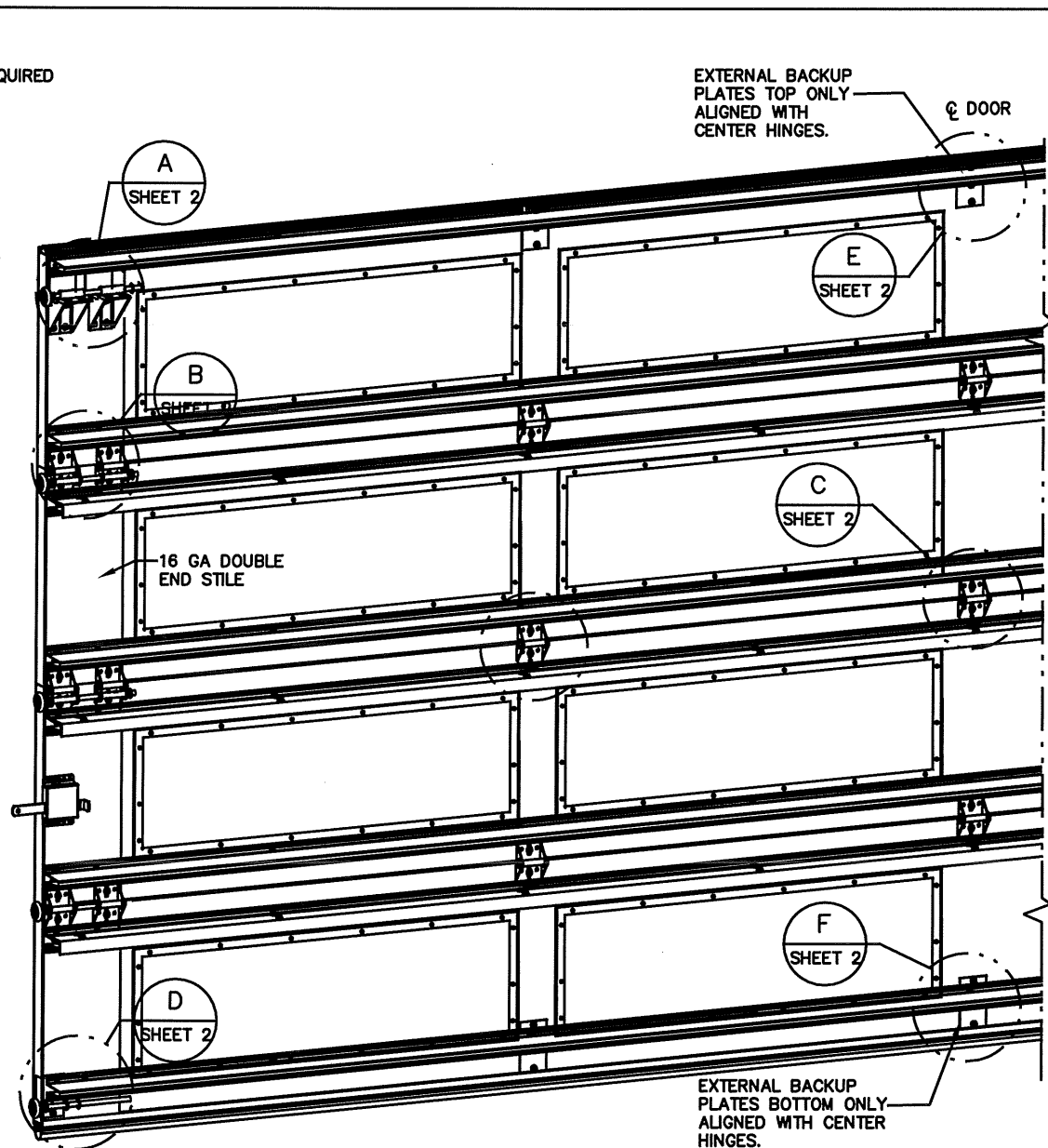


NOTES:

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 J ON SHEET 3 FOR ASSEMBLY DETAILS.
2. KEY LOCK, SLIDE LOCK, OR OPERATOR REQUIRED.
3. FACER STEEL TO HAVE A MINIMUM 29 GA THICKNESS AND BACKER STEEL TO HAVE A MINIMUM 29 GA THICKNESS.
4. 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.
5. DOOR JAMB TO BE MINIMUM 2x6 SOUTHERN PINE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.
6. 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 CRIMPITE SCREWS IN LIEU OF THE BRACKET SHOWN ON THIS DRAWING. U-BAR ON TOP SECTION SHALL BE INSTALLED ON TOP OF LHR TOP BRACKETS.
7. MINIMUM 1" OVERLAP ON BOTH JAMBS REQUIRED TO MEET NEGATIVE DESIGN PRESSURES.
8. COMPLIES WITH THE REQUIREMENTS OF IBC/IRC 2018.

- 13 GA HORIZ ANGLE
- 13 GA FLAG ANGLE
- 16 GA MIN HORIZ TRACK
- 5/16x1-5/8" LAG SCREW (MIN 3 AS SHOWN)
- (4) 1/4-20x9/16" LARGE HEAD TRACK BOLTS WITH 1/4-20 STUDS WITH 1/4-20 HEX NUTS
- 13 GA MIN VERT TRACK
- 1/4-20x9/16" TRACK BOLT AND 1/4-20 HEX NUT AT EACH JB-US JAMB BRACKET LOCATION
- 5/16x1-5/8" LAG SCREW AT EACH JAMB BRACKET
- 15 GA STIFFENED JAMB BRACKETS SEE SCHEDULE FOR QUANTITY, LOCATION, AND TYPE
- KEY LOCK OR SLIDE LOCK EACH END (NOT REQUIRED WITH OPERATOR - SEE NOTE 3). SLIDE LOCK SHOWN FOR CLARITY

NOTE: (4) SECTION SOLID DOOR SHOWN. SEE NOTES 1 & 2 THIS SHEET FOR GLAZING OPTIONS.



REVISIONS
- RELEASE DRAWING SW 3/23/2021

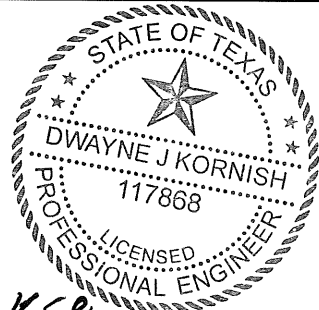
SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
10'-2"	ALL	+210.0/-237.5
12'-2"	ALL	+251.3/-284.2
14'-2"	ALL	+292.6/-330.9
15'-2"	ALL	+313.3/-354.2
16'-2"	ALL	+339.9/-377.6

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	9	2", 10", 16", 21-3/4", 29-3/4", 42", 48", 55", 63-1/4"
7'-0"	4	9	2", 10", 16", 21-3/4", 29-3/4", 42", 48", 55", 63-1/4"
7'-6"	4 OR 5	11	2", 10", 16", 21-3/4", 29-3/4", 40", 48", 57-1/4", 66", 71", 75-1/2"
8'-0"	4 OR 5	11	2", 10", 16", 21-3/4", 29-3/4", 40", 48", 57-1/4", 66", 71", 75-1/2"
> 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.



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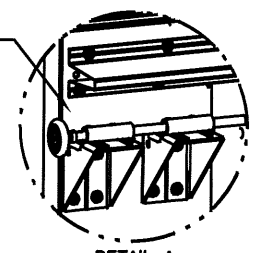
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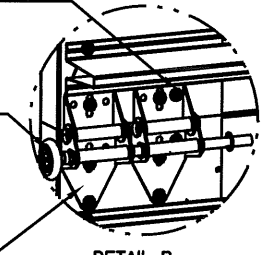
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TEST (PSF):	-61.95/-70.05	MAX HEIGHT: 24'-0"	DRAWN	SW
IMPACT/CYCLIC RATED (YES/NO):	YES	MAX SECTION HEIGHT: 24"	CHECKED	
MODELS 5740/5760/190/490/7560/591-596/599			SHEET 1 OF 3	
WINDLOAD SPECIFICATION OPTION CODE 2612			DRAWING PART NO.	REV.
			411832	-

(2) 12 GA COMMERCIAL TOP FRAME BRACKETS WITH 13 GA ROLLER CARRIERS EACH ATTACHED WITH (4) 1/4-20x3/4" SELF DRILLING SCREWS

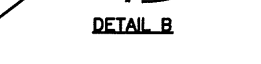


ADD (2) 1/4-20x3/4" SELF DRILLING SCREWS (INSIDE OF EACH INSIDE END HINGE)

2" STEEL ROLLER WITH 9" GRADE 1144 OR EQUIVALENT STEM AND 7/16" PUSH NUT AT EACH ROLLER LOCATION. 1/4" MAX BETWEEN PUSH NUT AND OUTER HINGE. (OPTIONAL: BALL BEARING NYLON ROLLER).



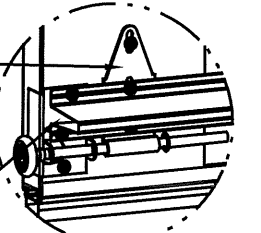
(2) 13 GA WIDE BODY END HINGES EACH ATTACHED WITH (4) 1/4-20x3/4" SELF DRILLING SCREWS.



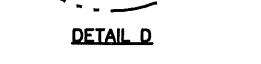
14 GA WIDE BODY EXTENDED HINGE ATTACHED WITH (7) 1/4-20x3/4" SELF DRILLING SCREWS. (2 THROUGH STRUT AND HINGE)



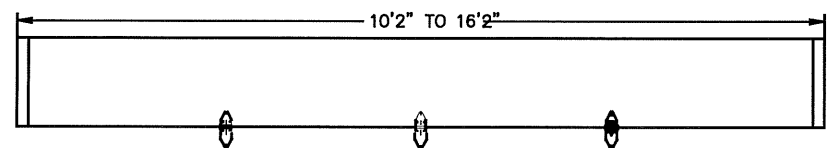
12 GA EXTENSION BRACKET ATTACHED WITH (4) 1/4-20x3/4" SELF DRILLING SCREWS



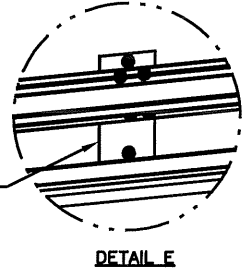
14 GA BOTTOM BRACKET ATTACHED WITH (3) 1/4-20x3/4" SELF DRILLING SCREWS



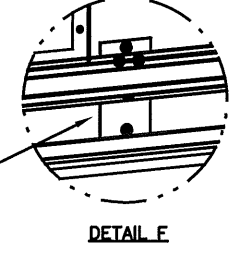
HINGE & BACKER PLATE LOCATIONS



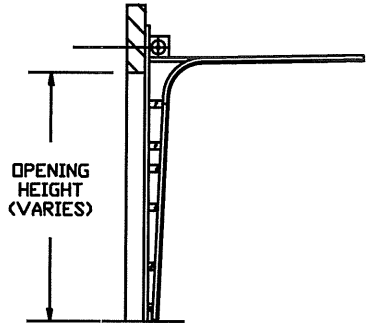
20 GA BACK PLATE ATTACHED WITH DOUBLE SIDED TAPE AND (2) 1/4-20x3/4" SELF DRILLING SCREWS AT TAPE LOCATION. UBAR ATTACHED WITH (4) 1/4-20x3/4" THROUGH STRUT AND PLATE.



20 GA BACK PLATE ATTACHED WITH DOUBLE SIDED TAPE AND (2) 1/4-20x3/4" SELF DRILLING SCREWS AT TAPE LOCATION. UBAR ATTACHED WITH (4) 1/4-20x3/4" THROUGH STRUT AND PLATE.



ANGLE STRUT: 2X2X12GA ANGLE SHALL BE ATTACHED TO 3"UBAR WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS AT EACH HINGE LOCATION AND BETWEEN ALL END HINGES AND INTERMEDIATE HINGES. A MINIMUM OF (18) FASTENERS ARE TO BE USED.



ALL INTERMEDIATE U-BARS SHALL BE ATTACHED WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS AND ALL TOP AND BOTTOM U-BARS SHALL BE ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS AT EACH HINGE LOCATION AND HALF WAY BETWEEN ALL HINGES. A MINIMUM OF (22) FASTENERS ARE TO BE USED.

(10) SECTION DOORS WITH (11) 3" 18 GA 80 KSI U-BARS (9) ANGLE STRUTS LOCATED AS SHOWN

(9) SECTION DOORS WITH (10) 3" 18 GA 80 KSI U-BARS (8) ANGLE STRUTS LOCATED AS SHOWN

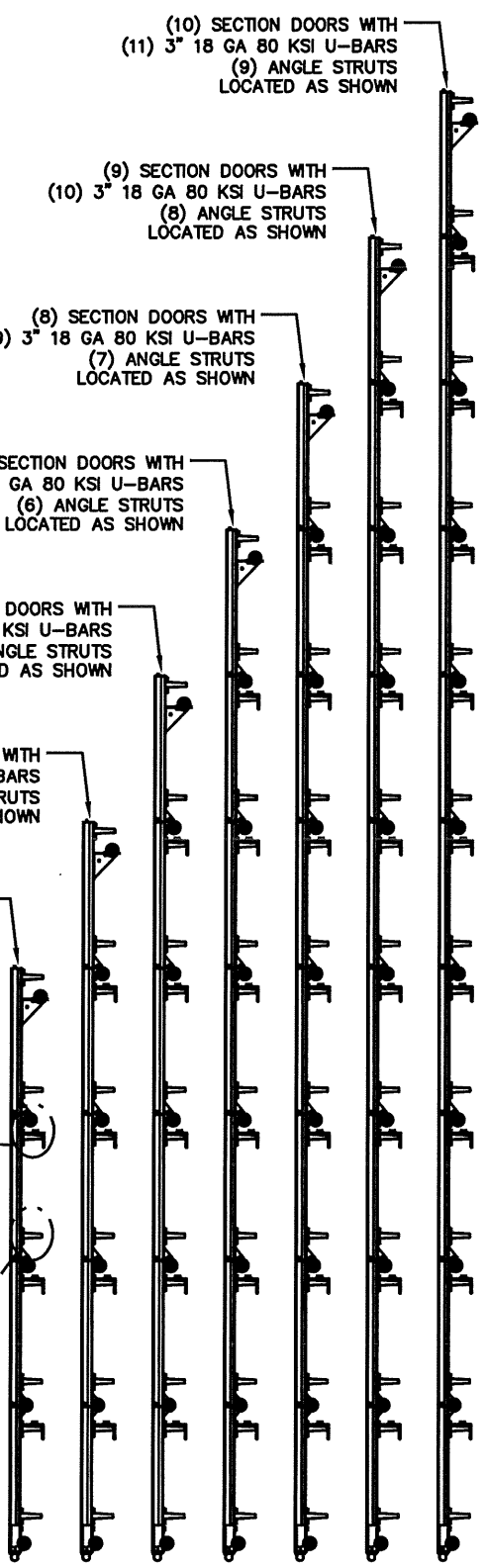
(8) SECTION DOORS WITH (9) 3" 18 GA 80 KSI U-BARS (7) ANGLE STRUTS LOCATED AS SHOWN

(7) SECTION DOORS WITH (8) 3" 18 GA 80 KSI U-BARS (6) ANGLE STRUTS LOCATED AS SHOWN

(6) SECTION DOORS WITH (7) 3" 18 GA 80 KSI U-BARS (5) ANGLE STRUTS LOCATED AS SHOWN

(5) SECTION DOORS WITH (6) 3" 18 GA 80 KSI U-BARS (4) ANGLE STRUTS LOCATED AS SHOWN

(4) SECTION DOORS WITH (5) 3" 18 GA 80 KSI U-BARS (3) ANGLE STRUTS LOCATED AS SHOWN



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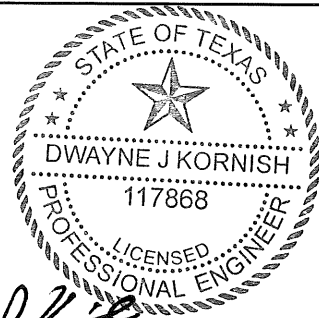
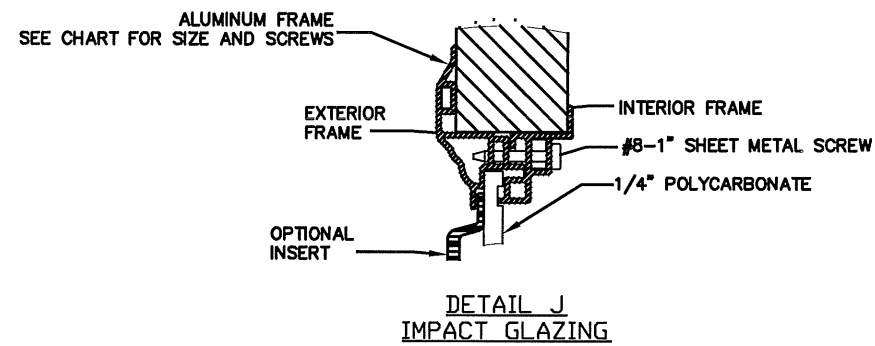
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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+41.30/-46.70	MAX WIDTH:	16'-2"	DATE	NAME		
TEST (PSF):	+61.95/-70.05	MAX HEIGHT:	24'-0"	DRAWN	03/23/21	SW	
IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 24"	CHECKED				
MODELS 5740/5760/190/490/7560/591-596/599				SHEET 2 OF 3			
WINDLOAD SPECIFICATION OPTION CODE 2612				DRAWING PART NO.		REV.	
				411832		-	

REVISIONS

OUTSIDE FRAME SIZE	DAYLIGHT OPENING (DLO)	SCREW QTY EA HORIZ LEG	SCREW QTY EA VERT LEGS	SCREW QTY TOTAL	DETAIL
7"X40.8	4"X37.8"	5	2	14	J
15.3"X44.1"	11.3"X40.1"	6	3	18	J
14.6"X20.8"	10.6"X16.8"	3	2	10	J
13"X38"	9"X34"	5	2	14	J



DJK
5/20/2021

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WINDLOAD SPECIFICATION OPTION CODE 2612		DRAWING PART NO.	REV.
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