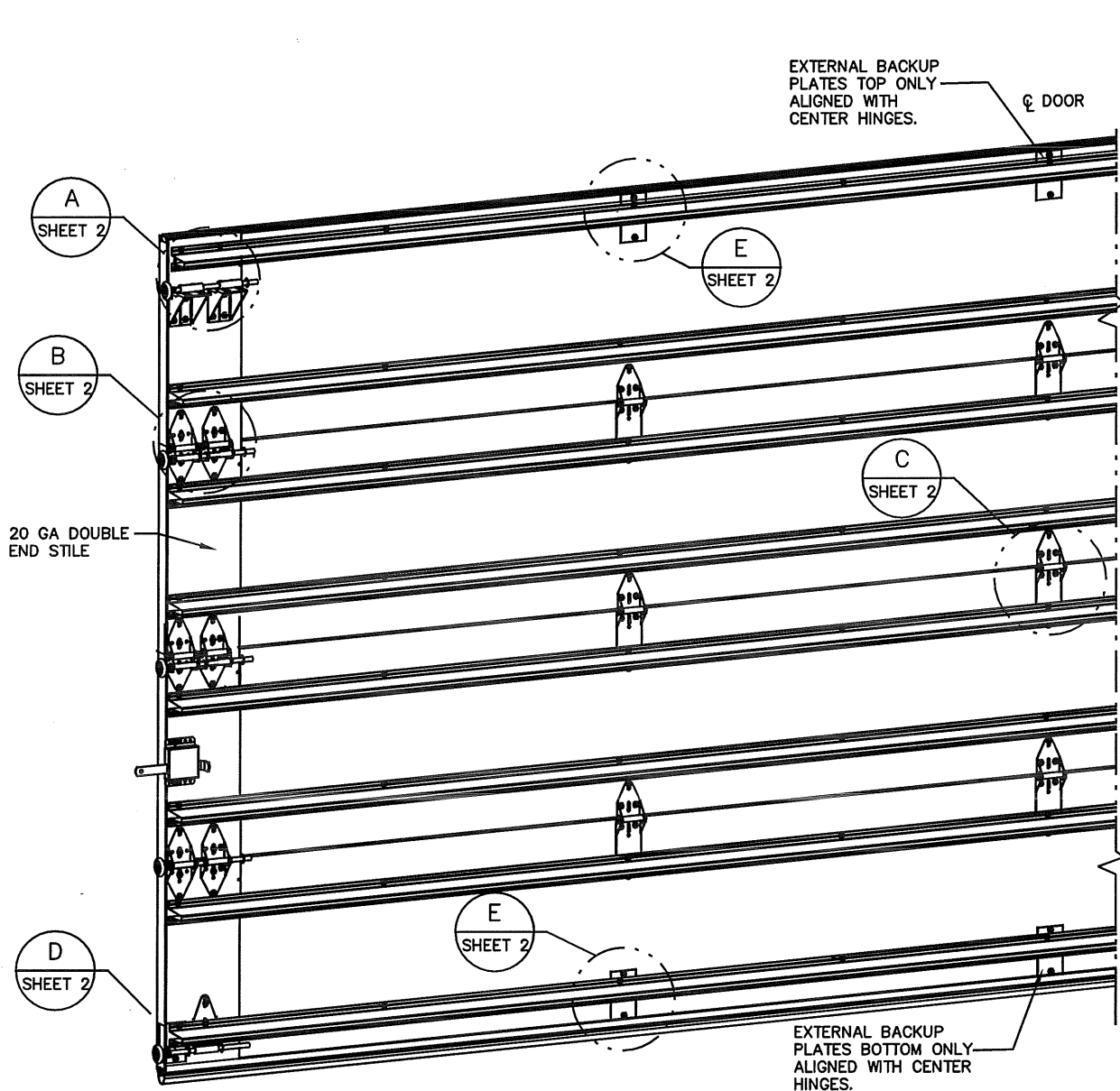


- NOTES:**
- VINYL OR WOOD DOOR STOP NAILED A MAXIMUM OF 6" O.C. MUST OVERLAP TOP AND BOTH ENDS OF PANELS MINIMUM 7/16" TO MEET NEGATIVE PRESSURES.
 - KEY LOCK, SLIDE LOCKS, OR OPERATOR REQUIRED.
 - FACER STEEL TO HAVE A MINIMUM 29 GA THICKNESS AND BACKER STEEL TO HAVE A MINIMUM 29 GA THICKNESS.
 - EACH SECTION HAS AN INTERNAL 1" WIDE X 20 GA CONTINUOUS STEEL STRIP AT THE TOP AND BOTTOM OF THE SECTION.
 - 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 MINIMUM 2x4 STRUCTURAL GRADE LUMBER. 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 WITHOUT PUSHNUTS AND WITH A MINIMUM OF (3) 1/4-20x3/4" SELF DRILLING 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 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 OR 1/4-20 STUDS WITH 1/4-20 HEX NUTS
- 15 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 2). SLIDE LOCK SHOWN FOR CLARITY



REVISIONS

P1 REVISED MODELS PER WLO08 SW 9/14/2020
REV A - UPDATED DRAWING TO SHOW GLAZING CROSS-SECTION TLC 3/30/21
REV B - UPDATED PER PCR 32769 SW 2/16/22

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
20'-2"	ALL	+204.9/-228.8
22'-2"	ALL	+225.0/-251.3

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	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.

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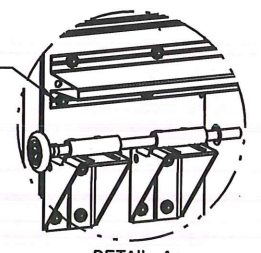
COMPLIES WITH THE REQUIREMENTS OF IBC/IRC 2018.

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STATIC PRESSURE RATINGS	APPROVED SIZES	SCALE: N.T.S.	SIZE: A
DESIGN (PSF): +20.15/-22.50	MAX WIDTH: 22'-2"	DATE	NAME
TEST (PSF): +30.23/-33.75	MAX HEIGHT: 24'-0"	DRAWN	5/12/20 SW
IMPACT/CYCLIC RATED (YES/NO): NO	MAX SECTION HEIGHT: 24"	CHECKED	4/5/21 TLC
MODELS 190/490/160/593/594/591/592/596/599/5740/5760/7560	SHEET 1 OF 3		
WINDLOAD SPECIFICATION OPTION CODE 2261	DRAWING PART NO.	REV.	
	411723	B	

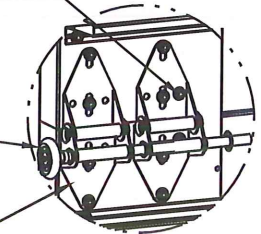
(2) 12 GA COMMERCIAL TOP FRAME BRACKETS WITH 13 GA ROLLER CARRIERS EACH ATTACHED WITH (4) 1/4-20x3/4" SELF DRILLING SCREWS



DETAIL A

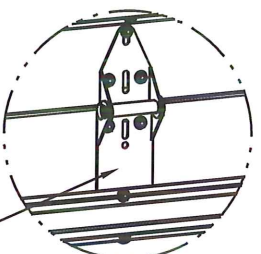
ADD (2) 1/4-20x3/4" SELF DRILLING SCREWS (INSIDE OF EACH INSIDE END HINGE)

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)



DETAIL B

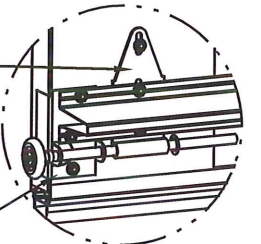
(2) 13 GA WIDE BODY END HINGES EACH ATTACHED WITH (4) 1/4-20x3/4" SELF DRILLING SCREWS



DETAIL C

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

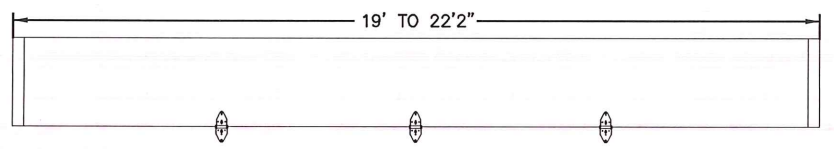
12 GA EXTENSION BRACKET ATTACHED WITH (3) 1/4-20x3/4" SELF DRILLING SCREWS (2 THROUGH STRUT AND BRACKET)



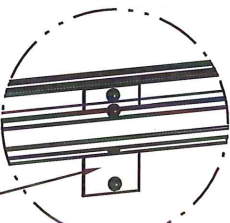
DETAIL D

14 GA BOTTOM BRACKET ATTACHED WITH (3) 1/4-20x3/4" SELF DRILLING SCREWS (2 THROUGH STRUT AND BRACKET)

HINGE & BACKER PLATE LOCATIONS

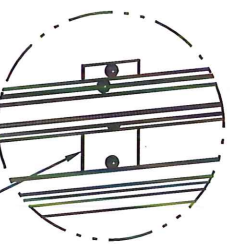


20 GA BACK PLATE ATTACHED WITH DOUBLE SIDED TAPE AND (2) 1/4-20x3/4" SELF DRILLING SCREWS AT TAPE LOCATION. UBAR ATTACHED WITH (2) 1/4-20x3/4" THROUGH STRUT AND PLATE.

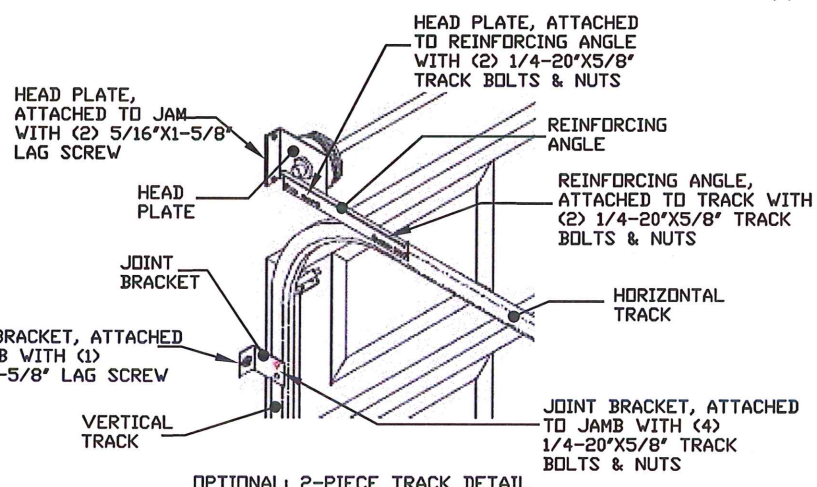


DETAIL E

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



DETAIL F



OPTIONAL 2-PIECE TRACK DETAIL

ALL U-BARS SHALL BE ATTACHED WITH (2) 1/4-20x3/4" SELF DRILLING SCREWS AT EACH HINGE LOCATION AND BETWEEN ALL END HINGES AND INTERMEDIATE HINGES. A MINIMUM OF (14) FASTENERS ARE TO BE USED.

(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

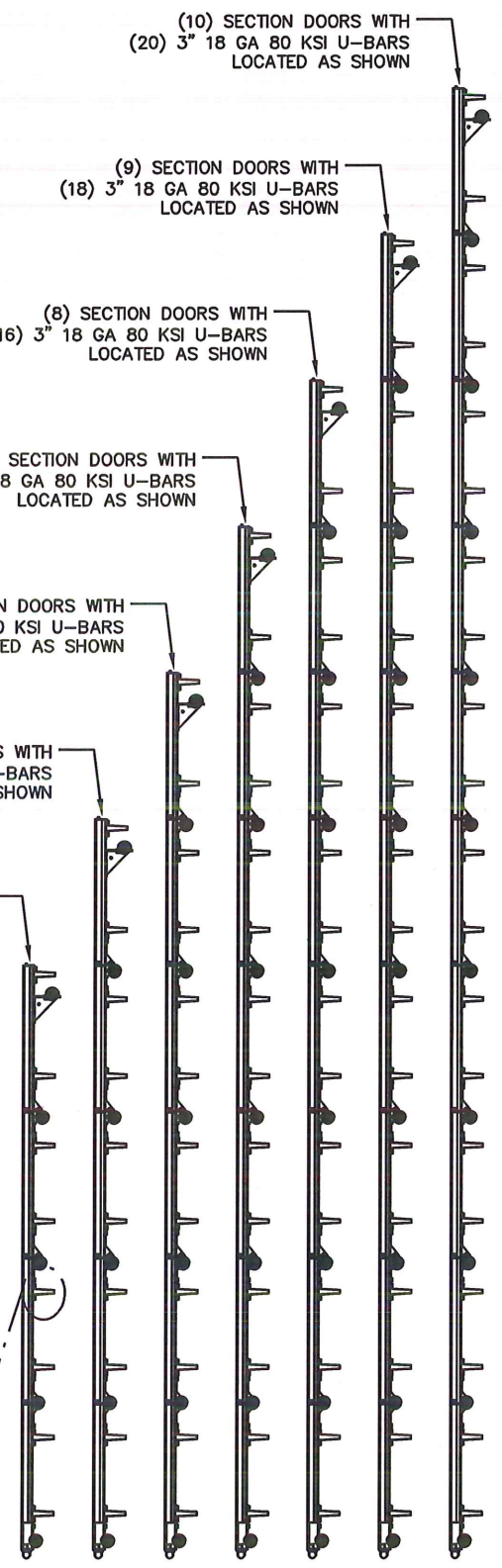
(8) SECTION DOORS WITH (16) 3" 18 GA 80 KSI U-BARS LOCATED AS SHOWN

(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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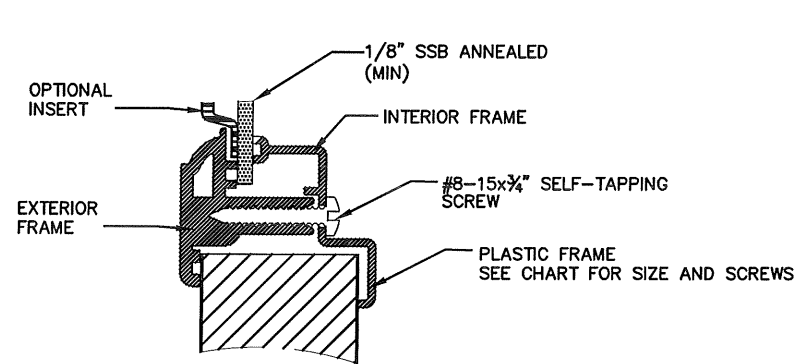
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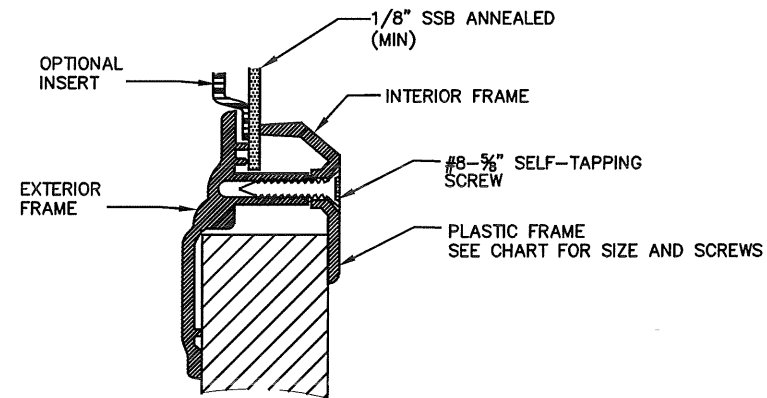
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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+20.15/-22.50	MAX WIDTH:	22'-2"	DATE	NAME		
TEST (PSF):	+30.23/-33.75	MAX HEIGHT:	24'-0"	DRAWN	5/12/20	SW	
IMPACT/CYCLIC RATED (YES/NO): NO		MAX SECTION HEIGHT: 24"	CHECKED	4/5/21	TLC		
MODELS 190/490/160/593/594/591/592/596/599/5740/5760/7560				SHEET 2 OF 3			
WINDLOAD SPECIFICATION OPTION CODE 2261				DRAWING PART NO.		REV.	
				411723		B	

REVISIONS

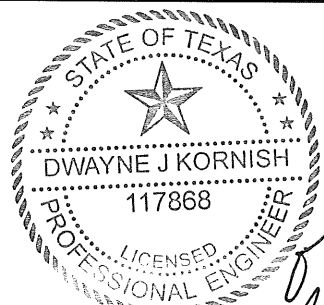


DETAIL F
NON-IMPACT GLAZING



DETAIL G
NON-IMPACT GLAZING

OUTSIDE FRAME SIZE	DAYLIGHT OPENING (DLO)	SCREW QTY EA HORIZ LEG	SCREW QTY EA VERT LEGS	SCREW QTY TOTAL	DETAIL
17"X51"	14X48	5	3	16	F
15.1X44"	11.5"X40.5"	8	3	22	G
14.9X20.8"	11"X17"	3	3	12	G
7"X40.8	4"X37.8"	5	2	14	G



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3/11/2022

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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+20.15/-22.50	MAX WIDTH:	22'-2"	DATE	5/12/20	NAME	SW
TEST (PSF):	+30.23/-33.75	MAX HEIGHT:	24'-0"	DRAWN	4/5/21	TLC	
IMPACT/CYCLIC RATED (YES/NO):	NO	MAX SECTION HEIGHT:	24"	CHECKED			
MODELS 190/490/160/593/594/591/592/596/599/5740/5760/7560				SHEET 3 OF 3			
WINDLOAD SPECIFICATION OPTION CODE 2261				DRAWING PART NO.		REV.	
				411723		B	