NOTES:

1. IMPACT RESISTANT GLAZING OPTION (SEE PAGE 3) – 1/4" IMPACT RESISTANT POLYCARBONATE IN ALUMINUM FRAMES SCREWED TOGETHER WITH DIMENSIONS SHOWN IN TABLE, INSTALLED IN TOP OR INTERMIEDIATE SECTION (WITH OR WITHOUT DECORATIVE INSERT) MEETS UNIFORM STATIC WIND PRESSURES SHOWN ON THIS DRAWING. GLAZING IS IMPACT RESISTANT AND MEETS THE REQUIREMENTS FOR WIND–BORNE DEBRIS REGIONS.

2. NON–IMPACT RESISTANT GLAZING OPTION (SEE PAGE 3) – .090" MINIMUM SSB ANNEALED GLAZING IN MOLDED FRAMES SCREWED TOGETHER WITH DIMENSIONS SHOWN IN TABLE, INSTALLED IN TOP OR INTERMEDIATE SECTION (WITH OR WITHOUT DECORATIVE INSERTS) MEETS UNIFORM STATIC WIND PRESSURES SHOWN ON THIS DRAWING. GLAZING IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND–BORNE DEBRIS REGIONS.

3. 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.

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

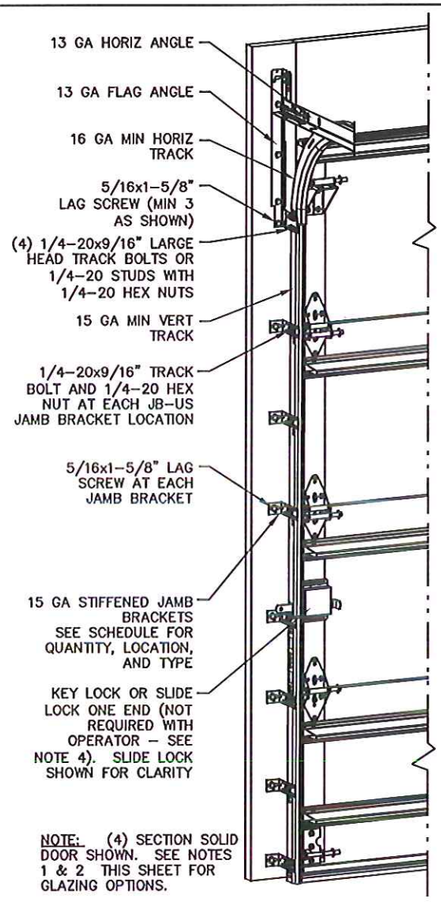
5. FACER STEEL TO HAVE A MINIMUM 29 GA THICKNESS AND BACKER STEEL TO HAVE A MINIMUM 29 GA THICKNESS.

6. EACH SECTION HAS AN INTERNAL 1" WIDE X 20 GA CONTINUOUS STEEL STRIP AT THE TOP AND BOTTOM OF THE SECTION.

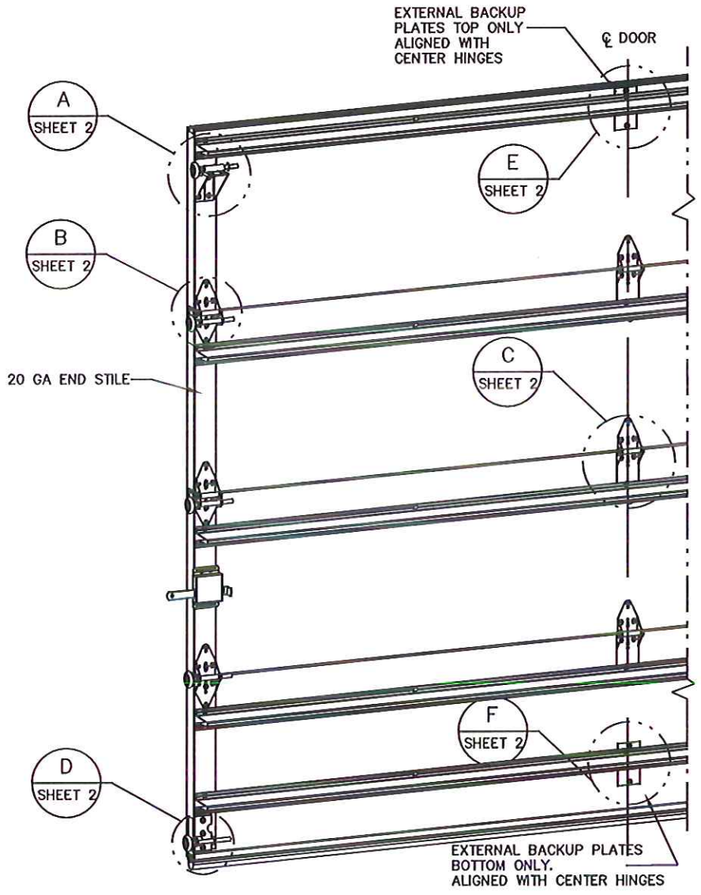
7. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

8. DOOR JAMB TO BE MINIMUM 2x6 STRUCTURAL GRADE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.

9. FOR LOW HEAD ROOM LIFT CONDITIONS, TOP BRACKET SHALL BE A 13 GA LHR 7/4 TOP BRACKET WITH A MINIMUM OF (3) 1/4–20x3/4" 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.



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



REVISIONS

P1 REVISED MODELS PER WL008
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

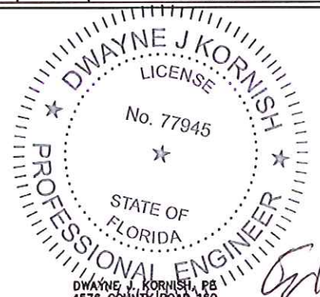
SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE		
DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
8'–2"	ALL	+145.8/–167.4
9'–2"	ALL	+163.6/–187.9

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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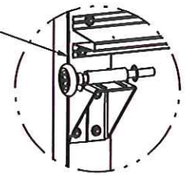
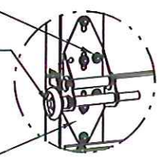
STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A
DESIGN (PSF):	+35.70/–41.00	MAX WIDTH:	9'–2"		DATE	NAME
TEST (PSF):	+53.55/–61.50	MAX HEIGHT:	24'–0"	DRAWN	5/13/20	SW
IMPACT/CYCLIC RATED (YES/NO):	YES	MAX SECTION HEIGHT:	24"	CHECKED	3/30/21	TLC
MODELS 190/490/160/593/594/591/592/596/599/5740/5760/7560				SHEET 1 OF 3		

WINDLOAD SPECIFICATION OPTION CODE 2204	DRAWING PART NO. 411706	REV. B

REVISIONS

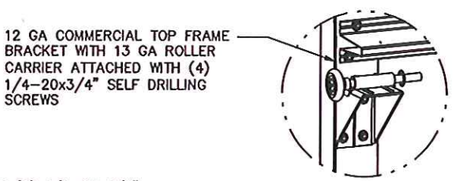


DETAIL A



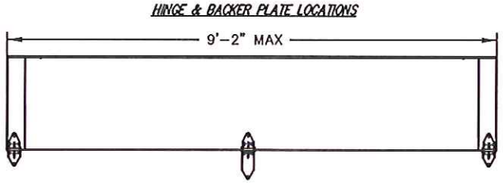
DETAIL B

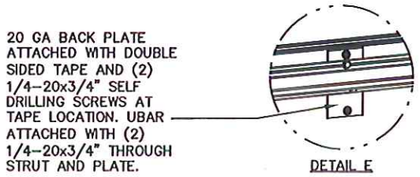
DETAIL C



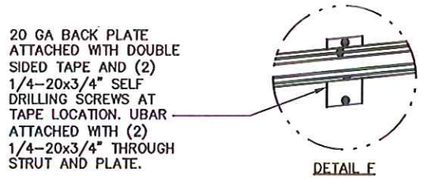
DETAIL D

HINGE & BACKER PLATE LOCATIONS

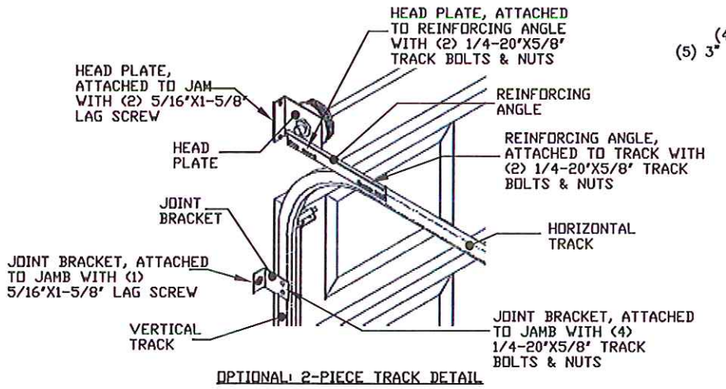




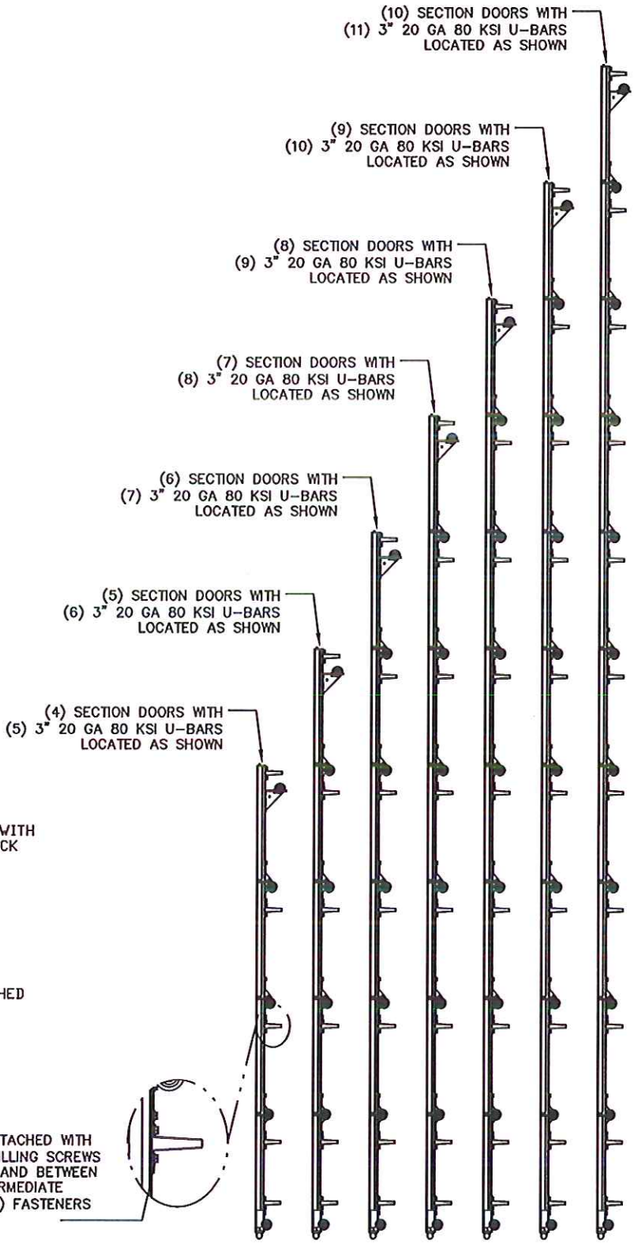
DETAIL E



DETAIL F



OPTIONAL 2-PIECE TRACK DETAIL



DWAYNE J KORNISH
LICENSE
No. 77945
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PROFESSIONAL ENGINEER

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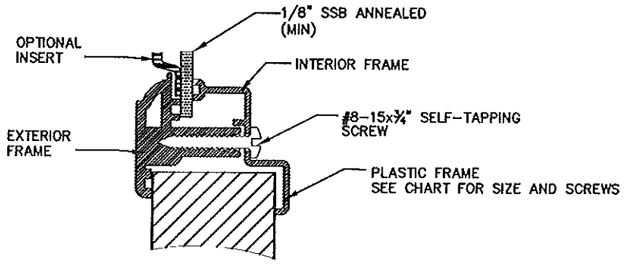
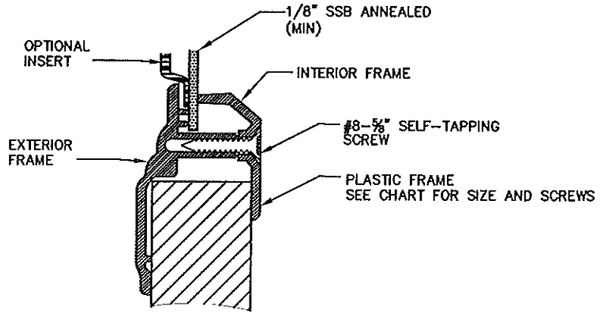
DESIGN (PSF): +35.70/–41.00	MAX WIDTH: 9'–2"		DATE	NAME
TEST (PSF): +53.55/–61.50	MAX HEIGHT: 24'–0"	DRAWN	5/13/20	SW
IMPACT/CYCLIC RATED (YES/NO): YES	MAX SECTION HEIGHT: 24"	CHECKED	3/30/21	TLC
MODELS 190/490/160/593/594/591/592/596/599/5740/5760/7560		SHEET 2 OF 3		
WINDLOAD SPECIFICATION OPTION CODE 2204		DRAWING PART NO. 411706		REV. B

REVISIONS

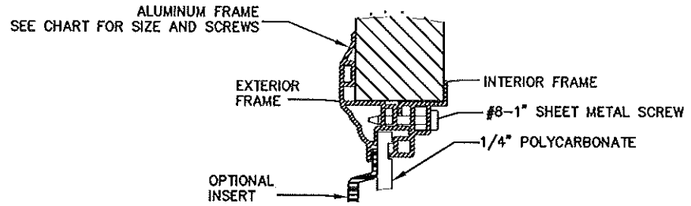


DETAIL G
NON-IMPACT GLAZING



DETAIL H
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	G
15.1X44"	11.5"X40.5"	8	3	22	H
14.9X20.8"	11"X17"	3	3	12	H
7"X40.8	4"X37.8"	5	2	14	H
15.3"X44.1"	11.3"X40.1"	6	3	18	I
14.6"X20.8"	10.6"X16.8"	3	2	10	I
13"X38"	9"X34"	5	2	14	I



DETAIL I
IMPACT GLAZING

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SHEET 3 OF 3

WINDLOAD SPECIFICATION OPTION CODE 2204

DRAWING PART NO. 411706

REV. B