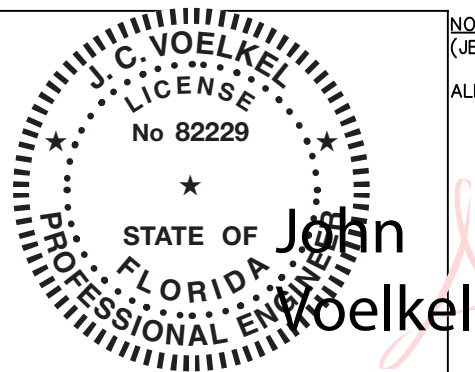


- NOTES:
- FOR GLAZED LITE OPTIONS SEE PAGE 3 OF 4
 - VINYL OR WOOD DOOR STOP NAILED A MAXIMUM OF 6" O.C. MUST OVERLAP TOP AND BOTH ENDS OF PANELS MINIMUM 7/16" TO MEET NEGATIVE PRESSURES.
 - KEY LOCK, SLIDE LOCKS, OR OPERATOR REQUIRED.
 - LOUVER OPTION - .032" MINIMUM LOUVERS IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (10) #8x1" SCREWS INSTALLED IN THE BOTTOM SECTION. LOUVERS ARE NOT IMPACT RESISTANT AND DO NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS.
 - SECTION STEEL TO HAVE A MINIMUM 25 GA THICKNESS.
 - 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 2x6, STRUCTURAL GRADE SOUTHERN PINE. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.
 - FOR LOW HEAD ROOM LIFT CONDITIONS, TOP BRACKET SHALL BE (2) 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.

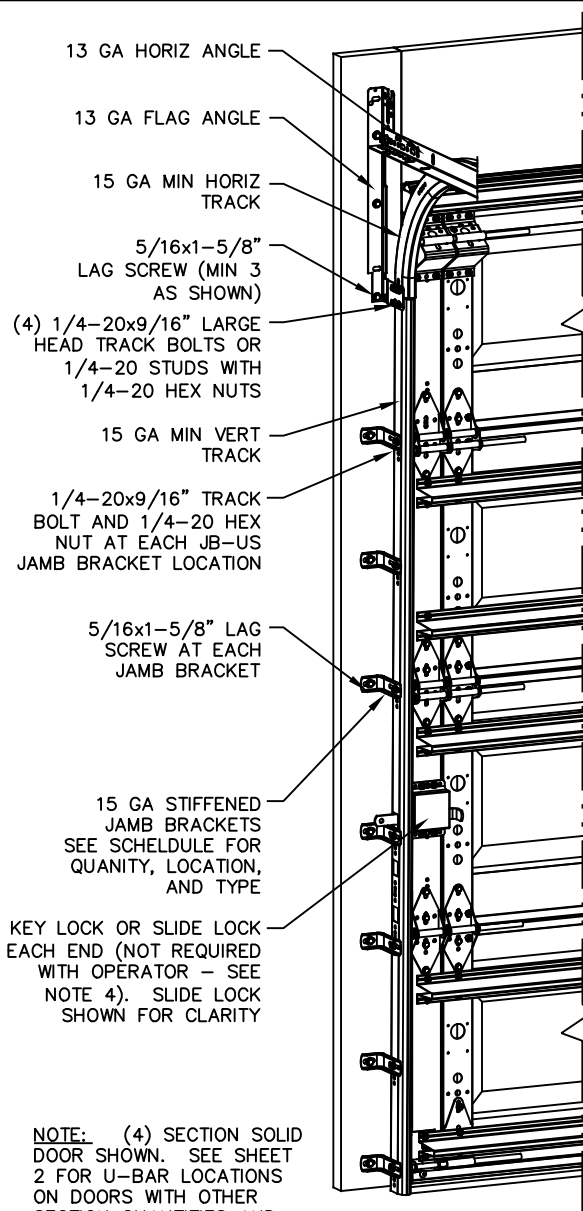
SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
10'-0"	ALL	+172.0/-191.5
12'-0"	ALL	+206.4/-229.8
14'-0"	ALL	+240.8/-268.1
15'-0"	ALL	+258.0/-287.3
16'-0"	ALL	+275.2/-306.4

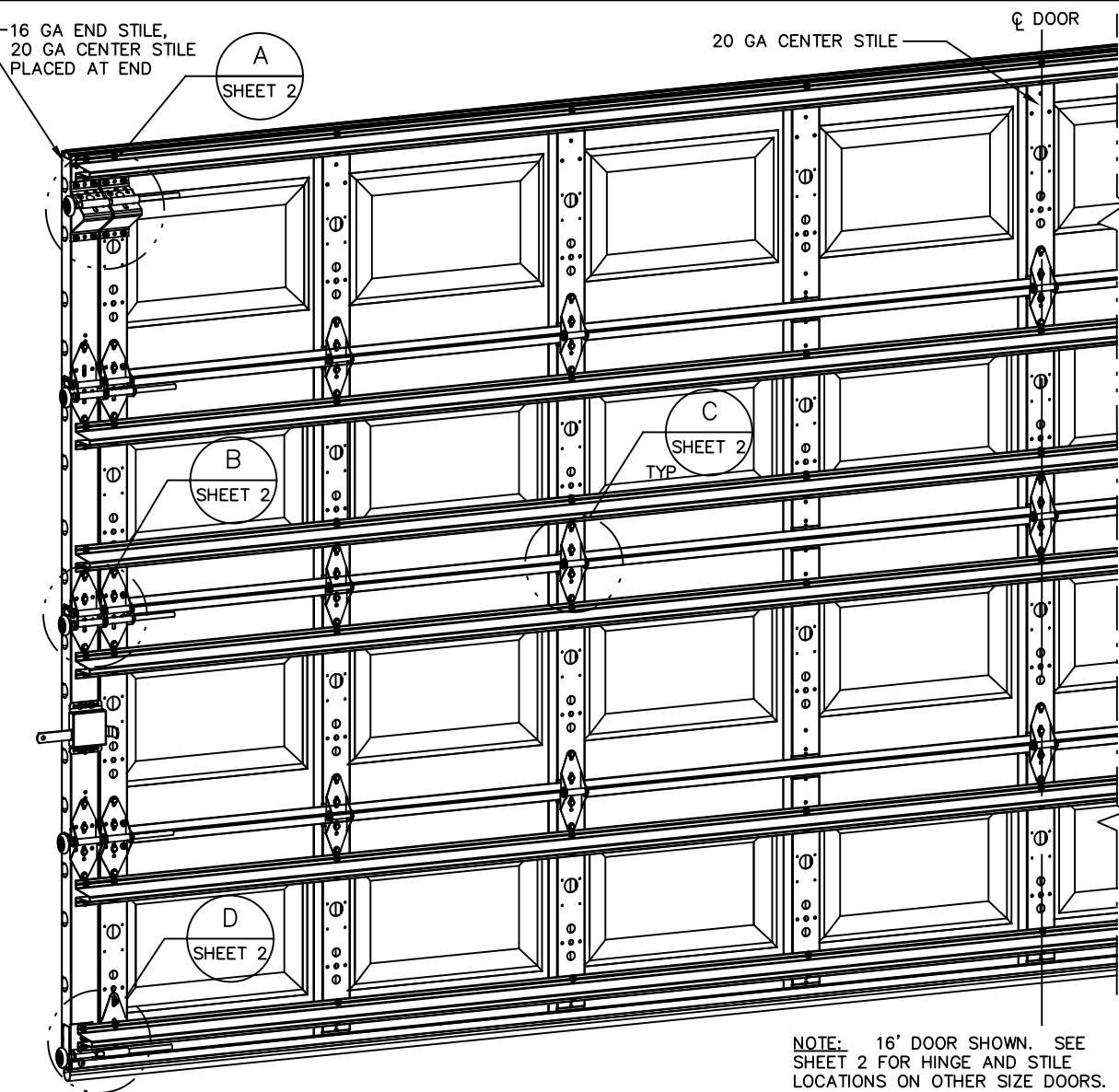


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NOTE: (4) SECTION SOLID DOOR SHOWN. SEE SHEET 2 FOR U-BAR LOCATIONS ON DOORS WITH OTHER SECTION QUANTITIES AND SEE NOTES 1 AND 2 THIS SHEET FOR GLAZING OPTIONS.



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"	5	9	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), 63" (JB-US), 74-1/2" (JB-US)
8'-0"	5	9	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), 66" (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.

COMPLIES WITH THE REQUIREMENTS OF IBC/IRC 2018.

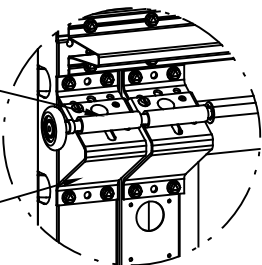


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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A				
DESIGN (PSF): +34.40/−38.30		MAX WIDTH: 16′−0″			DATE		NAME			
TEST (PSF): +51.60/−57.45		MAX HEIGHT: 14′−0″		DRAWN		5/13/24		SW		
IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 21″		CHECKED		−		TLC		
MODELS 170−175, 177, 180−185, 187, 1400, 1440, 1500, 1540					SHEET 1 OF 4					
					DRAWING PART NO.				REV.	
WINDLOAD SPECIFICATION OPTION CODE 1132					412670				−	

12 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

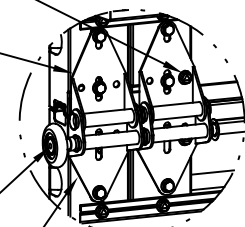
(2) 12 GA COMMERCIAL 'A' FRAME TOP BRACKETS EACH ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS



DETAIL A

ADD (2) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS (INSIDE OF EACH INSIDE END HINGE)

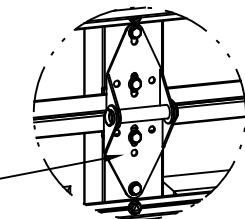
ADD (2) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS (OUTSIDE OF EACH INSIDE END HINGE) WHEN LONG LITES INSTALLED.



DETAIL B

2" STEEL ROLLER WITH 9" GRADE 1144 OR EQUIVALENT STEM AND 7/16" PUSHNUT AT EACH ROLLER LOCATION. 1/4" MAX BETWEEN PUSHNUT AND BRACKET OR HINGE. OPTIONAL- 11 BALL BEARING NYLON ROLLER WITH 9" GRADE 1144 OR EQUIVALENT STEM

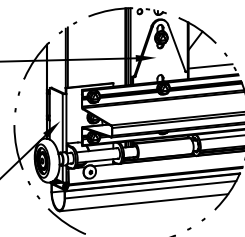
#1 HINGE IS 14 GA
#2 HINGE IS 13 GA
#3 HINGE (AND ALL ABOVE) ARE 13 GA WIDE BODY END HINGE ATTACHED WITH (4) 1/4-14x5/8" SELF TAPPING SCREWS



DETAIL C

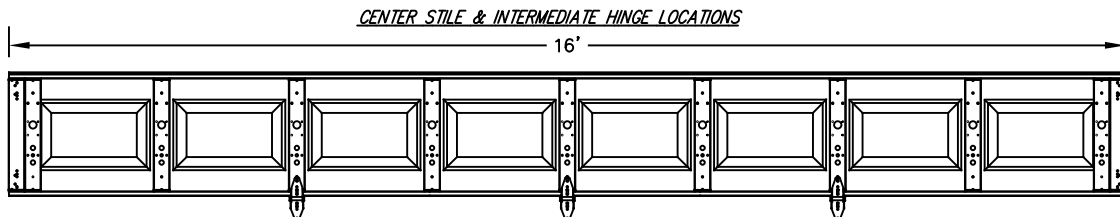
14 GA WIDE BODY INTERMEDIATE HINGE ATTACHED WITH (4) 1/4-14x5/8" SELF TAPPING SCREWS

12 GA EXTENSION BRACKET ATTACHED WITH (3) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS (2 THROUGH STRUT AND BRACKET)

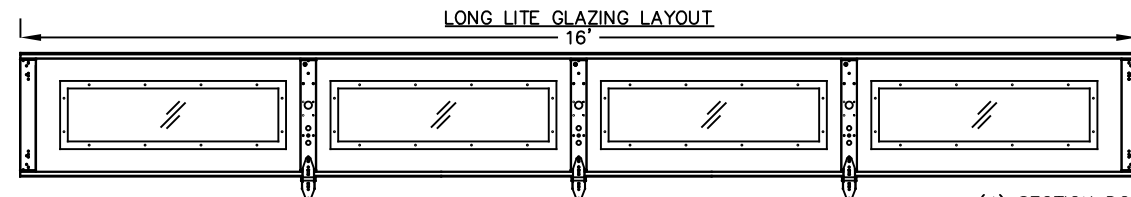
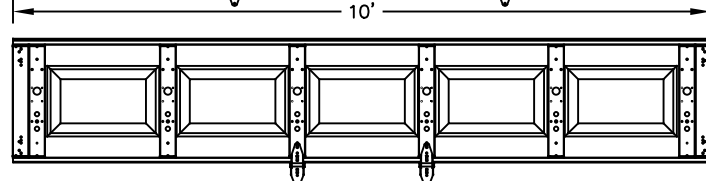
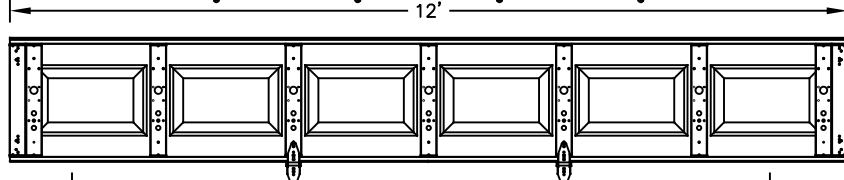
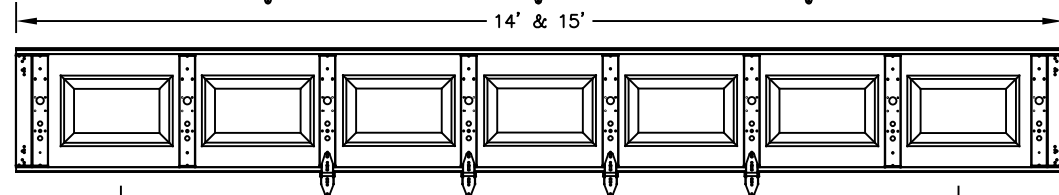


DETAIL D

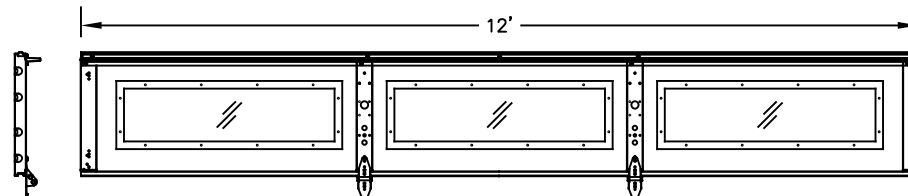
14 GA BOTTOM BRACKET ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS (2 OF WHICH IS THROUGH STRUT AND AND (1) 1/4-14x5/8" SELF DRILLING RED SCREW



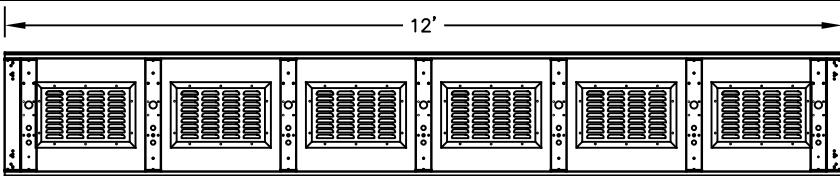
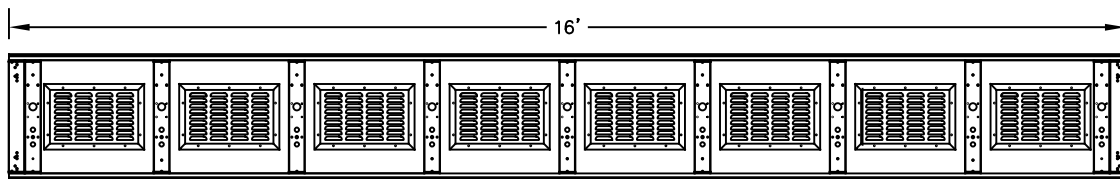
CENTER STILE & INTERMEDIATE HINGE LOCATIONS



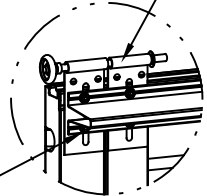
LONG LITE GLAZING LAYOUT



LOUVER - OPTIONAL IN BOTTOM SECTION



13 GA ADJUSTABLE TOP FIXTURE



LOW HEADROOM TRACK
DETAIL F

PLACE 3" U-BAR OVER LOW HEADROOM BRACKET ATTACH THRU END STILE AND CENTER STILE AT EACH END WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS.

U-BAR LOCATIONS

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

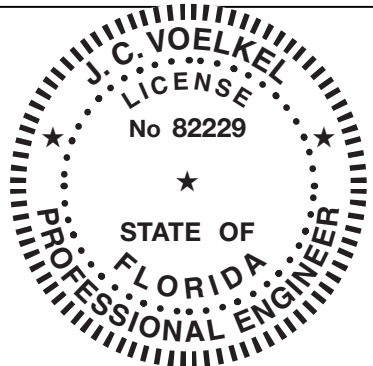
(7) SECTION DOORS WITH (11) 3" 18 GA 80 KSI U-BARS LOCATED AS SHOWN

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

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

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

ATTACH U-BAR WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS AT EACH STILE LOCATION, TYP. UNLESS STATED OTHERWISE ON PAGE 3.



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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A			
DESIGN (PSF): +34.40/−38.30		MAX WIDTH: 16'−0"			DATE		NAME		
TEST (PSF): +51.60/−57.45		MAX HEIGHT: 14'−0"		DRAWN		5/13/24		SW	
IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 21"		CHECKED		−		TLC	
MODELS 170−175, 177, 180−185, 187, 1400, 1440, 1500, 1540				SHEET 2 OF 4					
				DRAWING PART NO.				REV.	
WINDLOAD SPECIFICATION OPTION CODE 1132				412670				−	

GLAZED LITES:

- 1. AVAILABLE IN TOP OR INTERMEDIATE SECTION.
- 2. NOT AVAILABLE IN MORE THAN ONE SECTION.
- 3. SHORT LITE SECTION WILL HAVE (7) CENTER STILES.
- (SEE PAGE 2 FOR LAYOUT)
- 4. LONG LITE SECTION WILL HAVE (3) CENTER STILES.
- 5. REFER TO PAGE 2 FOR SECTION LAYOUTS.

NON IMPACT GLAZING OPTIONS:

- 6. DOES NOT SATISFY WINDBORNE-DEBRIS
- 7. 16" X 9.75" DLO PLASTIC FRAME FASTENED WITH (10) #8 X 1" SCREWS. (SEE PAGE 2 FOR LAYOUT)
- 8. 36.75" X 9.75" DLO PLASTIC FRAME FASTENED WITH (14) #8 X 1" SCREWS.
- 9. 39.93" X 11.06" DLO PLASTIC FRAME FASTENED WITH (18) #8 X 1" SCREWS.
- 10. GLAZING SSB (0.090") MINIMUM.
- 11. MAY INCLUDE DECORATIVE INSERTS.

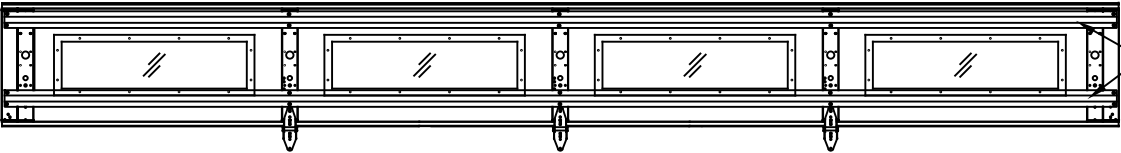
IMPACT GLAZING OPTIONS:

- 12. -SATISFIES WINDBORNE-DEBRIS
- 13. -16" X 9.75" DLO ALUMINUM FRAME FASTENED WITH (10) #8 X 1" SCREWS. (SEE PAGE 2 FOR LAYOUT)
- 14. -36.75" X 9.75" DLO ALUMINUM FRAME FASTENED WITH (14) #8 X 1" SCREWS.
- 15. -39.93" X 11.06" DLO ALUMINUM FRAME FASTENED WITH (18) #8 X 1" SCREWS.
- 16. -GLAZING 1/4" GROOVED POLYCARBONATE.
- 17. -MAY INCLUDE DECORATIVE INSERTS.

STRUT AND FASTENER INFORMATION FOR LONG LITE OPTIONS

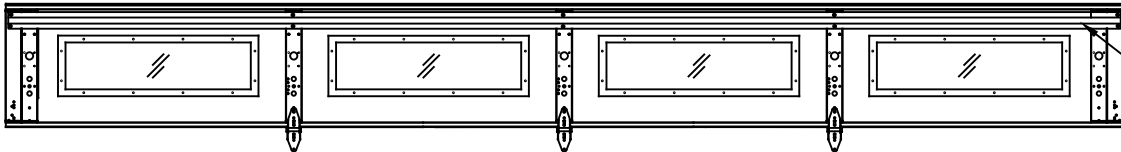
FOR 'LONG PANEL II' 36.75" X 9.75" DLO

VIEW DEPICTS STRUT PLACEMENT AND FASTENING INFO IF LONG LITES IDENTIFIED IN NOTES 8 AND 14 ARE INSTALLED IN SECTIONS 3, 5 AND 7



EACH TOP AND BOTTOM STRUT REQUIRES (2) 1/4-14X5/8 SCREWS PER STILE

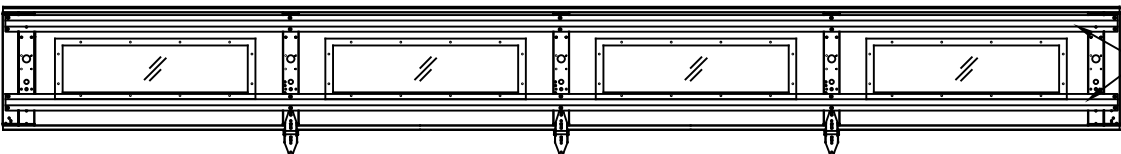
VIEW DEPICTS STRUT PLACEMENT AND FASTENING INFO IF LONG LITES IDENTIFIED IN NOTES 8 AND 14 ARE INSTALLED IN SECTIONS 2, 4, 6, AND 8



TOP STRUT REQUIRES (4) 1/4-14X5/8 SCREWS PER STILE

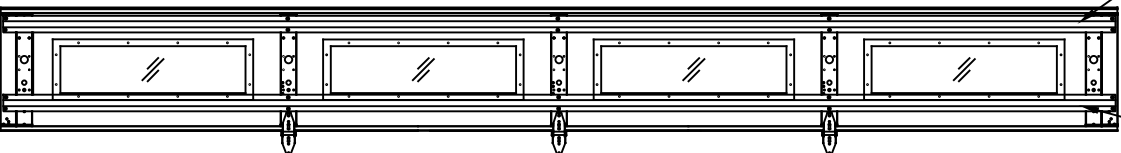
FOR 'LONG PANEL III' 39.93" X 11.06" DLO

VIEW DEPICTS STRUT PLACEMENT AND FASTENING INFO IF LONG LITES IDENTIFIED IN NOTES 9 AND 15 ARE INSTALLED IN SECTIONS 3, 5 AND 7



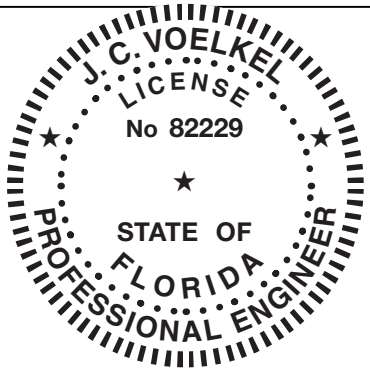
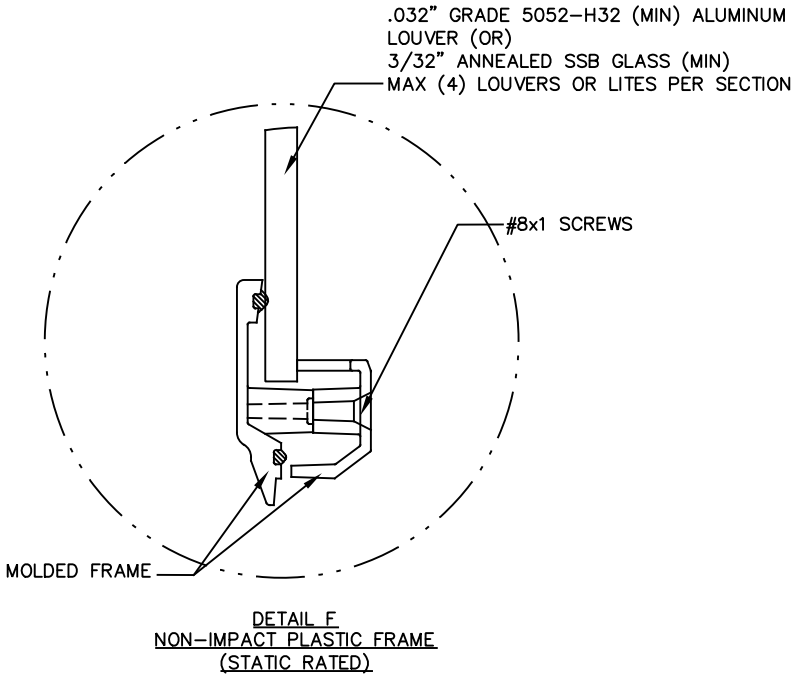
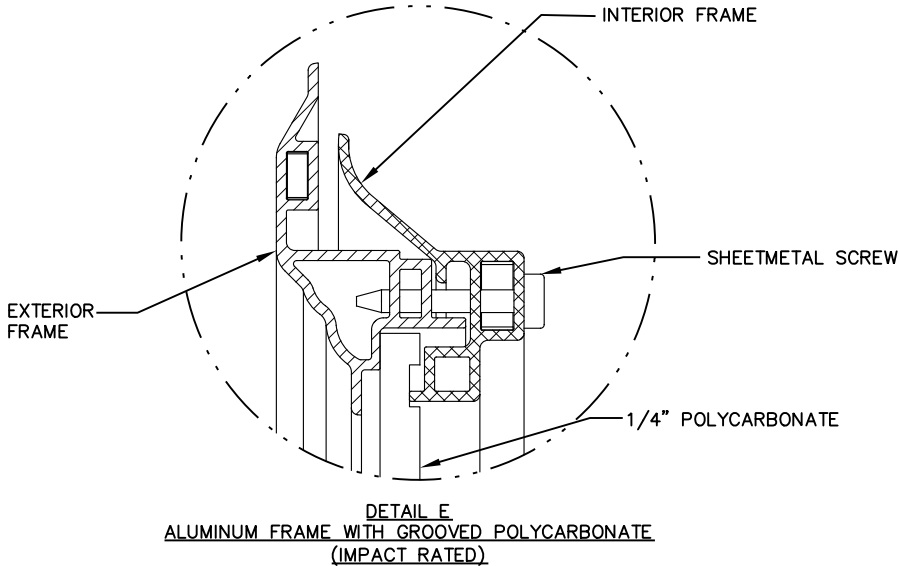
EACH TOP AND BOTTOM STRUT REQUIRES (2) 1/4-14X5/8 SCREWS PER STILE

VIEW DEPICTS STRUT PLACEMENT AND FASTENING INFO IF LONG LITES IDENTIFIED IN NOTES 9 AND 15 ARE INSTALLED IN SECTIONS 2, 4, 6, AND 8



TOP STRUT REQUIRES (2) 1/4-14X5/8 SCREWS PER STILE

ADDITIONAL 2" 20GA STRUT REQUIRED IN IN ORDER TO USE THIS LITE SIZE. STRUT REQUIRES (2) 1/4-14X5/8 SCREWS PER STILE



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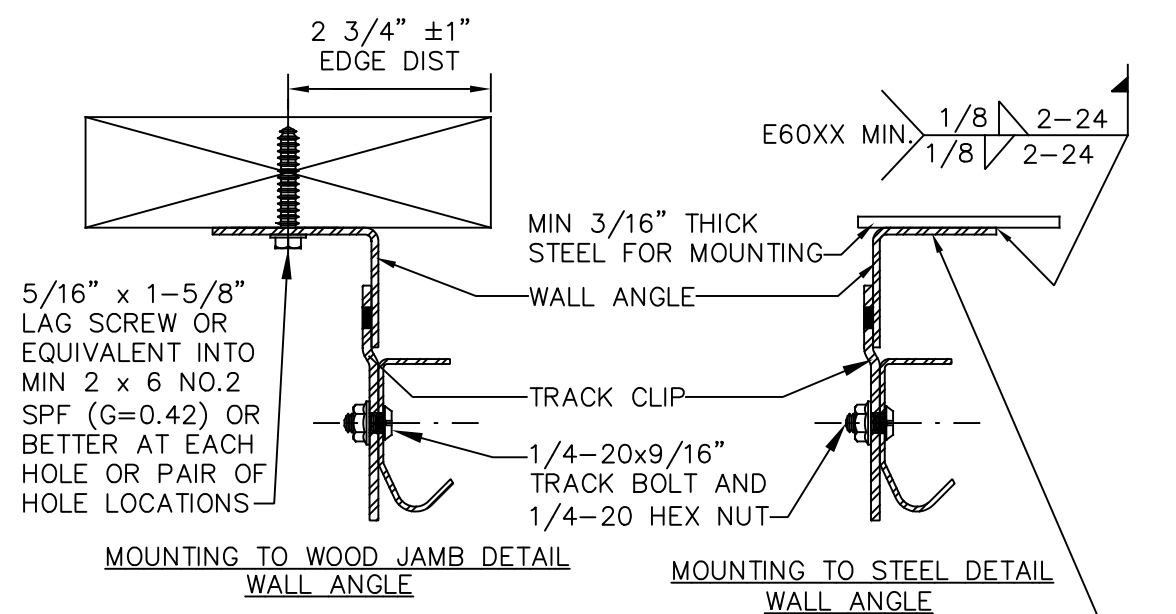
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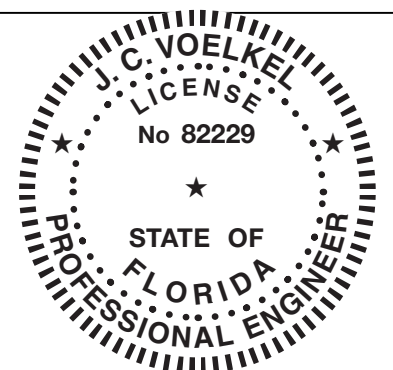
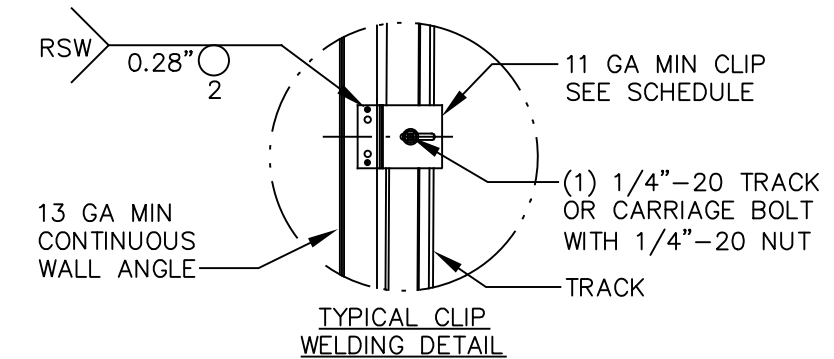
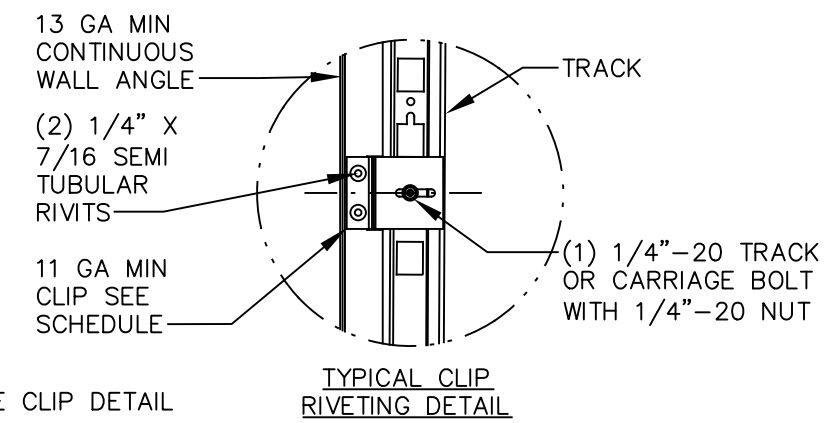
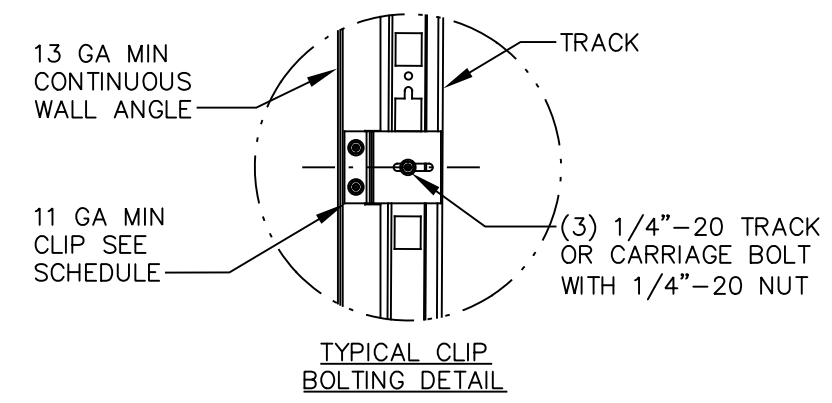
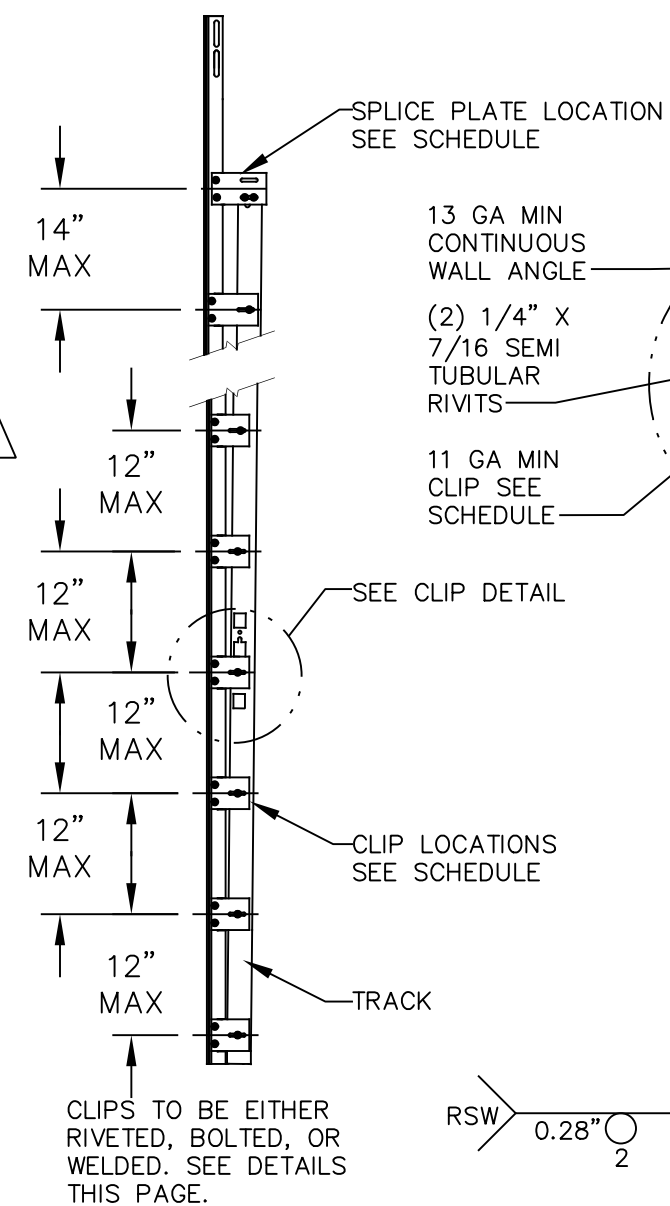
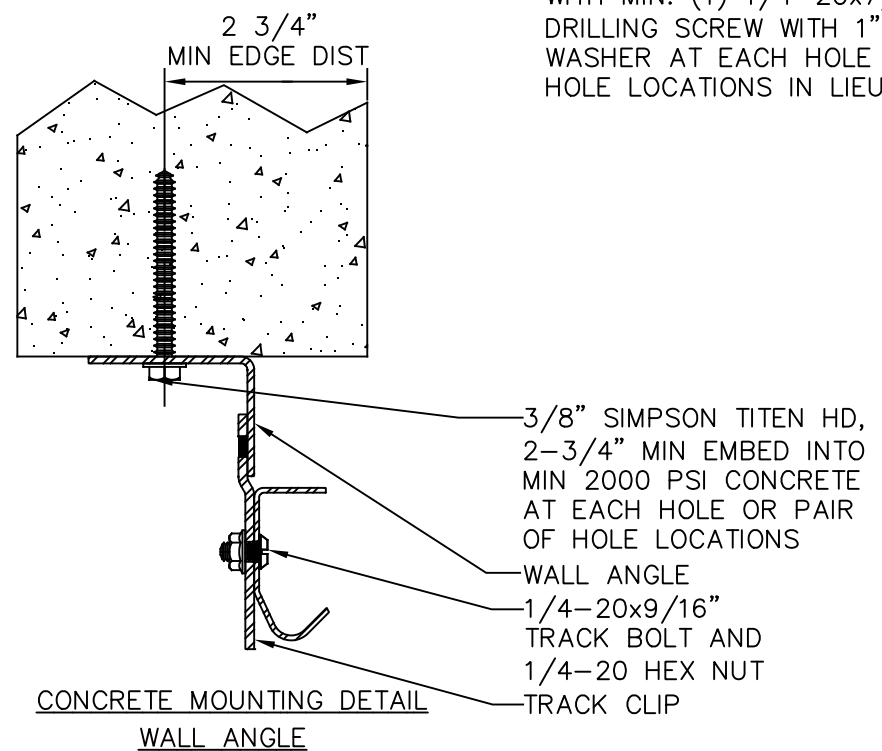


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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+34.40/-38.30	MAX WIDTH:	16'-0"		DATE		NAME
TEST (PSF):	+51.60/-57.45	MAX HEIGHT:	14'-0"	DRAWN	5/13/24		SW
IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 21"	CHECKED	-			TLC
MODELS 170-175, 177, 180-185, 187, 1400, 1440, 1500, 1540				SHEET 3 OF 4			
WINDLOAD SPECIFICATION OPTION CODE 1132				DRAWING PART NO. 412670		REV. -	



OPTIONAL: WALL ANGLE MAY BE ATTACHED TO SUPPORTING STEEL WITH MIN. (1) 1/4-20x7/8" SELF DRILLING SCREW WITH 1" O.D. WASHER AT EACH HOLE OR PAIR OF HOLE LOCATIONS IN LIEU OF WELDING



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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+34.40/-38.30	MAX WIDTH:	16'-0"		DATE		NAME
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MODELS 170-175, 177, 180-185, 187, 1400, 1440, 1500, 1540					SHEET 4 OF 4		
WINDLOAD SPECIFICATION OPTION CODE 1132					DRAWING PART NO.	REV.	
					412670	-	