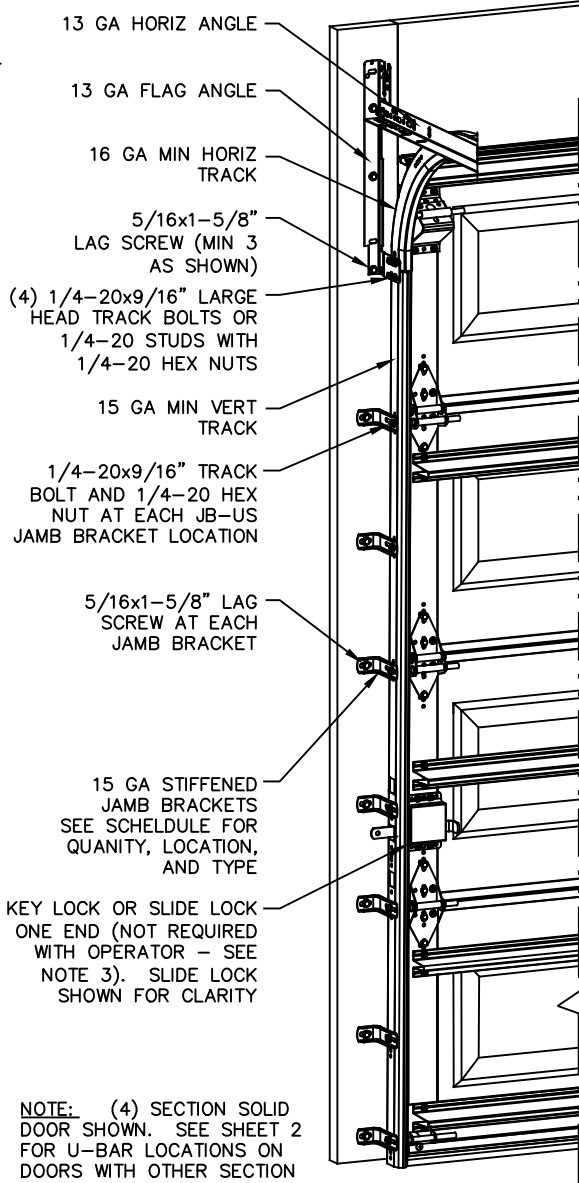


NOTES:

1. FOR GLAZED LITE OPTIONS SEE PAGE 3 OF 4
2. 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.
3. KEY LOCK, SLIDE LOCKS, OR OPERATOR REQUIRED.
4. SECTION STEEL TO HAVE A MINIMUM 25 GA THICKNESS.
5. 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.
6. DOOR JAMB TO BE MINIMUM 2x6, STRUCTURAL GRADE SOUTHERN PINE. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.
7. 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.



13 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

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

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

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

2" NYLON STORMGARD ROLLER WITH 4-1/2" STEM EACH ROLLER LOCATION. OPTIONAL- 11 BALL BEARING NYLON ROLLER

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

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

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

(1) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS

20 GA CENTER STILE

CL DOOR

REVISIONS

REV - INTIAL DRAWING
WL011
TLC 10/5/21

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	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"	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.

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
8'-0"	ALL	+165.2/-186.8
9'-0"	ALL	+185.9/-210.1

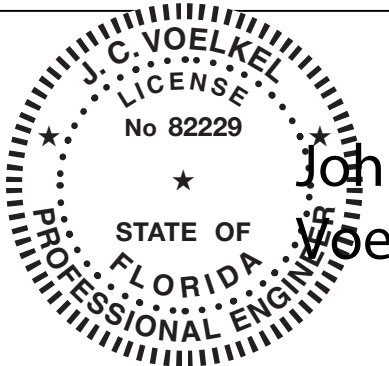
COMPLIES WITH THE REQUIREMENTS OF IBC/IRC 2018.

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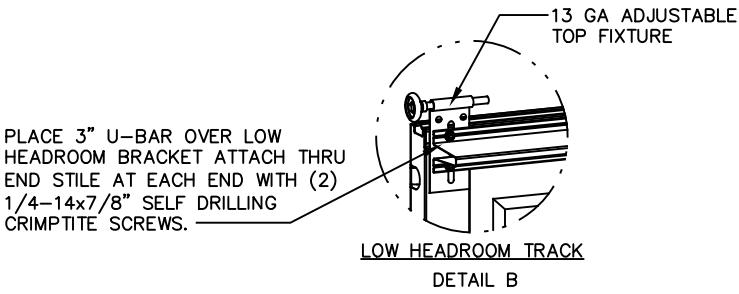
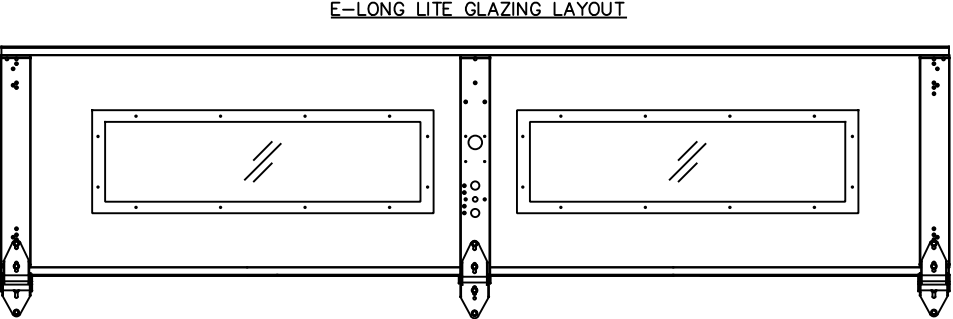
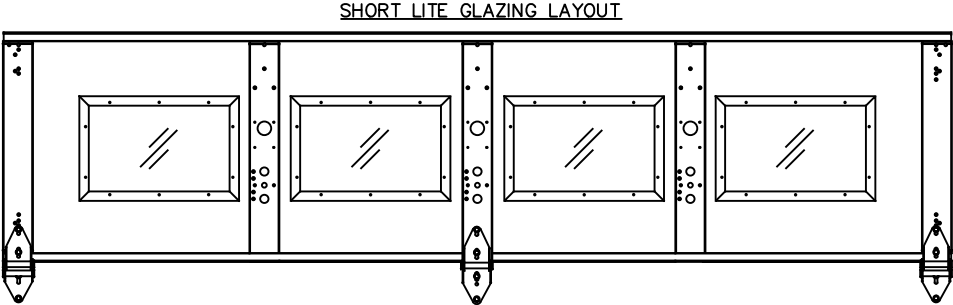
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IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 21"		CHECKED	4/9/24	TLC	
MODELS 170-175, 177, 180-185, 187, 1400, 1440, 1500, 1540				SHEET 1 OF 4			
				DRAWING PART NO.		REV.	
WINDLOAD SPECIFICATION OPTION CODE 1113				412663		-	



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407 NAVARRE STREET
GULF BREEZE, FL 32561
FL PE 82229
TX PE 133174

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Digitally signed
by John Voelkel
Date:
2024.07.09
13:05:00 -05'00'



(4) SECTION DOORS WITH
(1) 2" 20 GA 80 KSI U-BARS
(4) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

(5) SECTION DOORS WITH
(2) 2" 20 GA 80 KSI U-BARS
(5) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

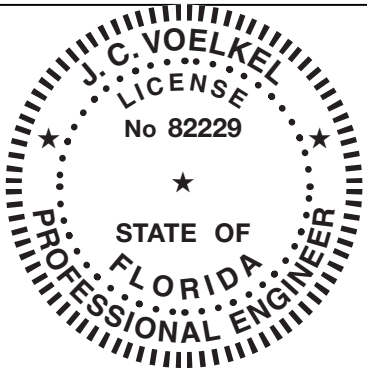
(6) SECTION DOORS WITH
(2) 2" 20 GA 80 KSI U-BARS
(6) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

(7) SECTION DOORS WITH
(2) 2" 20 GA 80 KSI U-BARS
(7) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

(8) SECTION DOORS WITH
(2) 2" 20 GA 80 KSI U-BARS
(8) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

U-BAR LOCATIONS

ATTACH U-BARS WITH
(2) 1/4-14x7/8" SELF
DRILLING CRIMPTITE SCREWS
PER STILE FOR SECTIONS WITH
THREE CENTER STILES. USE
(4) 1/4-14x7/8 SELF
DRILLING CRIMPTITE SCREWS
PER STILE FOR SECTIONS WITH
ONE CENTER STILE.



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MODELS 170–175, 177, 180–185, 187, 1400, 1440, 1500, 1540				SHEET 2 OF 4			
				DRAWING PART NO.		REV.	
WINDLOAD SPECIFICATION OPTION CODE 1113				412663		—	

GLAZED LITES:

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

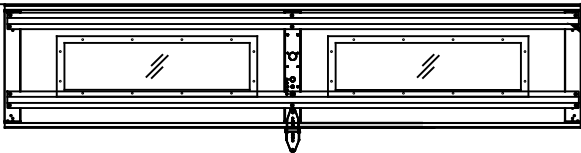
IMPACT GLAZING OPTIONS:

- 6. -SATISFIES WINDBORNE-DEBRIS
- 7. -16" X 9.75" DLO ALUMINUM FRAME FASTENED WITH (10) #8 X 1" SCREWS. (SEE PAGE 2 FOR LAYOUT)
- 8. -36.75" X 9.75" DLO ALUMINUM FRAME FASTENED WITH (14) #8 X 1" SCREWS.
- 9. -39.93" X 11.06" DLO ALUMINUM FRAME FASTENED WITH (18) #8 X 1" SCREWS.
- 10. -GLAZING 1/4" GROOVED POLYCARBONATE.
- 11. -MAY INCLUDE DECORATIVE INSERTS.

STRUT AND FASTENER INFORMATION FOR LONG LITE OPTIONS

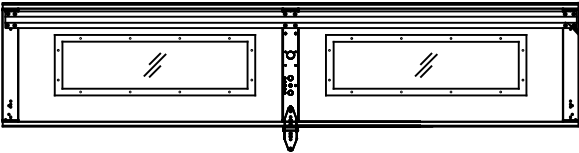
FOR 'LONG PANEL II' 36.75" X 9.75" DLO

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



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

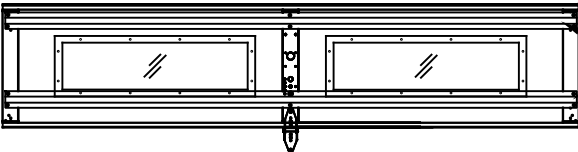
VIEW DEPICTS STRUT PLACEMENT AND FASTENING INFO IF LONG LITES IDENTIFIED IN NOTES 8 AND 14 ARE INSTALLED IN SECTIONS 2, 3, 4, 6, 7 AND 8



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

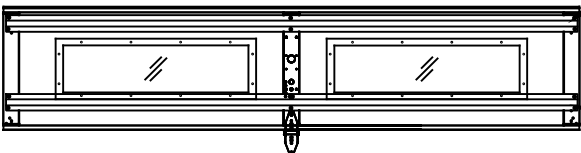
FOR 'LONG PANEL III' 39.93" X 11.06" DLO

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



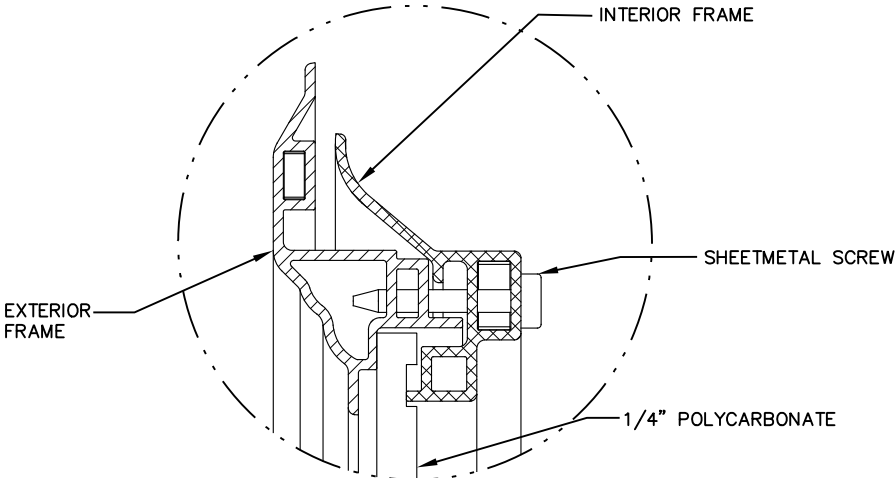
EACH TOP AND BOTTOM STRUT REQUIRES (2) 1/4-14X5/8 SCREWS PER STILE

VIEW DEPICTS STRUT PLACEMENT AND FASTENING INFO IF LONG LITES IDENTIFIED IN NOTES 9 AND 15 ARE INSTALLED IN SECTIONS 2, 3, 4, 6, 7 AND 8

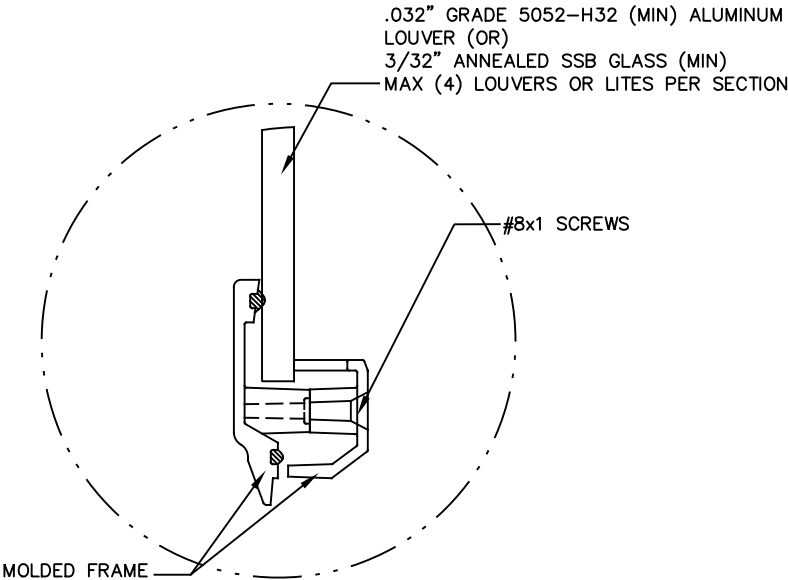


TOP STRUT REQUIRES (2) 1/4-14X5/8 SCREWS PER STILE

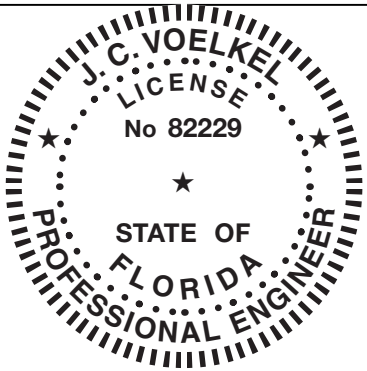
ADDITIONAL 2" 20GA STRUT REQUIRED IN IN ORDER TO USE THIS LITE SIZE. STRUT REQUIRES (2) 1/4-14X5/8 SCREWS PER STILE



DETAIL E
ALUMINUM FRAME WITH GROOVED POLYCARBONATE
(IMPACT RATED)



DETAIL F
NON-IMPACT PLASTIC FRAME
(STATIC RATED)



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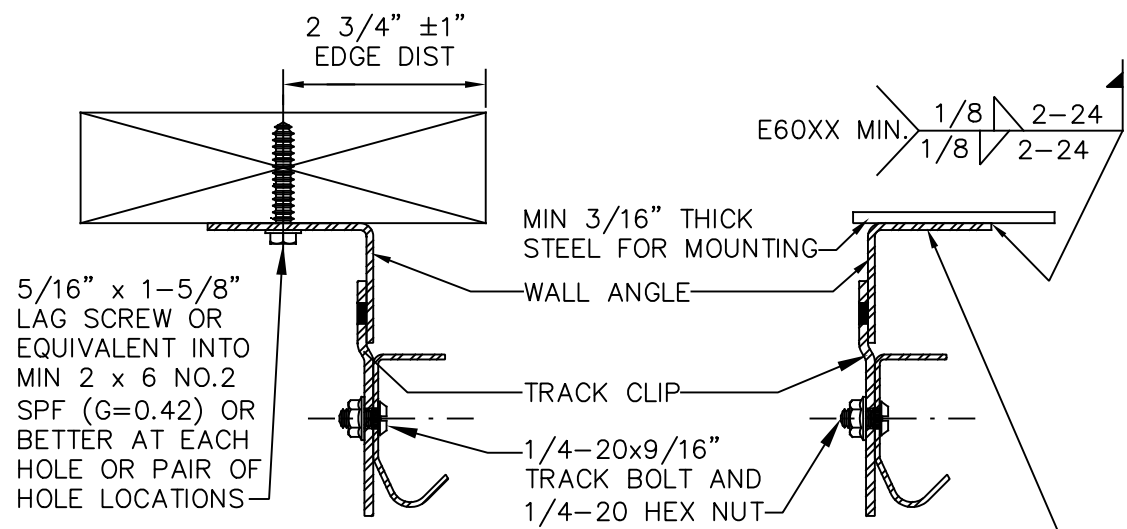
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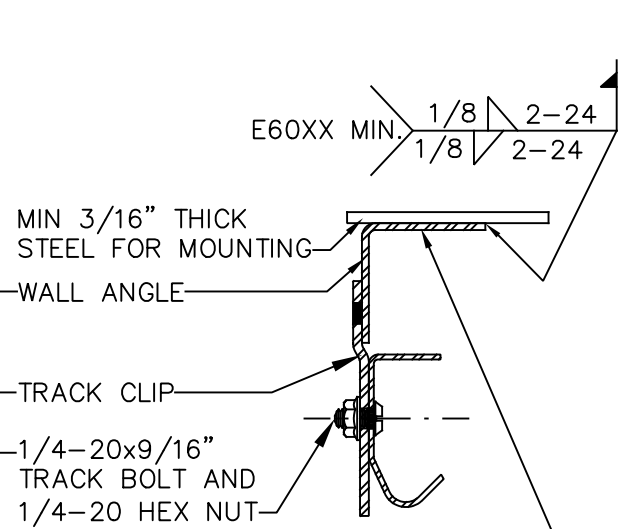


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				DRAWING PART NO.		REV.	
WINDLOAD SPECIFICATION OPTION CODE 1113				412663		−	

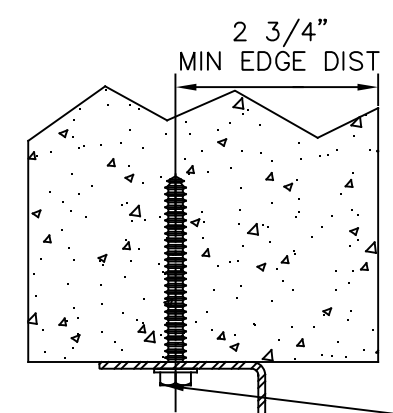


MOUNTING TO WOOD JAMB DETAIL
WALL ANGLE



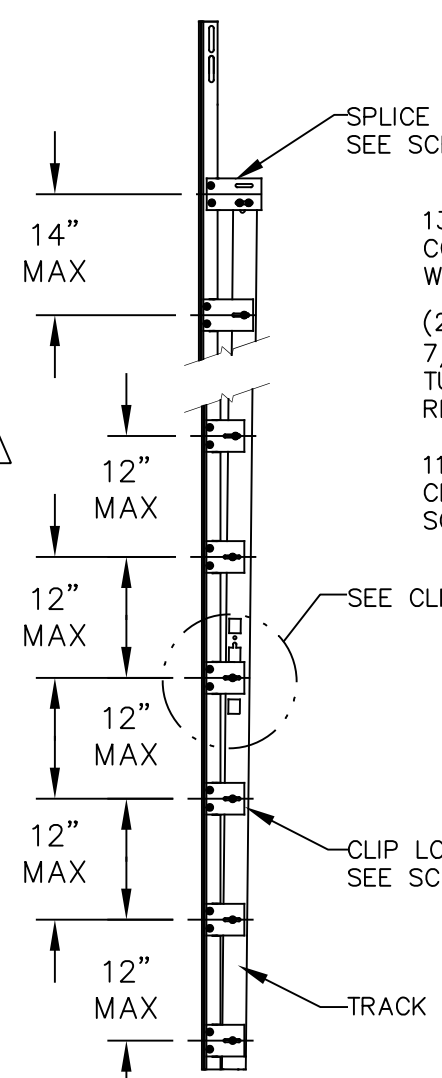
MOUNTING TO STEEL DETAIL
WALL ANGLE

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

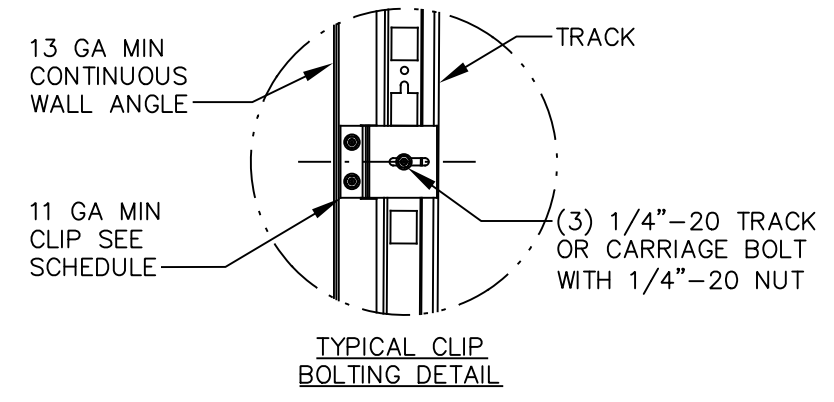


CONCRETE MOUNTING DETAIL
WALL ANGLE

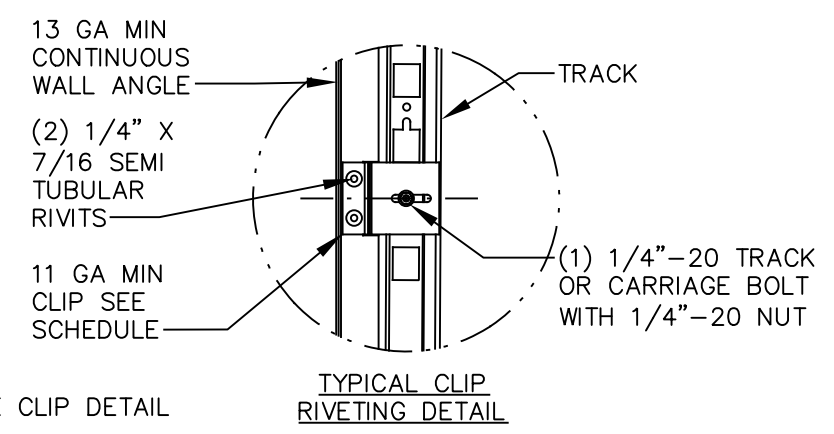
3/8" SIMPSON TITEN HD, 2-3/4" MIN EMBED INTO MIN 2000 PSI CONCRETE AT EACH HOLE OR PAIR OF HOLE LOCATIONS
WALL ANGLE
1/4-20x9/16" TRACK BOLT AND 1/4-20 HEX NUT
TRACK CLIP



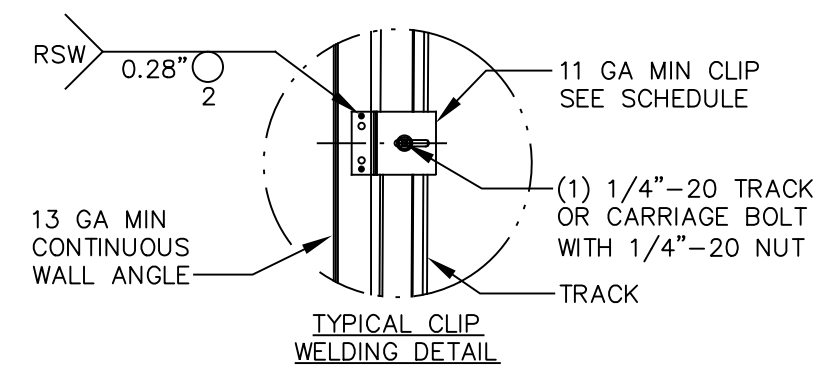
CLIPS TO BE EITHER RIVETED, BOLTED, OR WELDED. SEE DETAILS THIS PAGE.



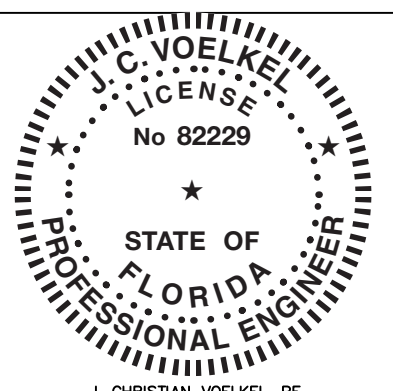
TYPICAL CLIP
BOLTING DETAIL



TYPICAL CLIP
RIVETING DETAIL



TYPICAL CLIP
WELDING DETAIL



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MODELS 170–175, 177, 180–185, 187, 1400, 1440, 1500, 1540				SHEET 4 OF 4			
WINDLOAD SPECIFICATION OPTION CODE 1113				DRAWING PART NO.		REV.	
				412663		—	