

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 7/8" TOP BRACKET 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.

8. MINIMUM 1" OVERLAP ON BOTH JAMBS REQUIRED TO MEET NEGATIVE DESIGN PRESSURES.

13 GA HORIZ ANGLE

13 GA FLAG ANGLE

15 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 SCHELDULE FOR  
QUANTITY, LOCATION,  
AND TYPE

KEY LOCK OR SLIDE LOCK  
EACH END (NOT REQUIRED  
WITH OPERATOR - SEE  
NOTE 4). SLIDE LOCK  
SHOWN FOR CLARITY

**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.

20 GA CENTER STILE

## REVISIONS

– DRAWING CREATED  
SW 3/29/23

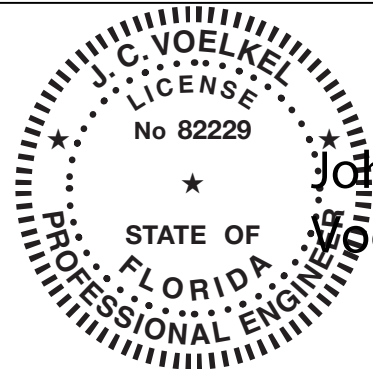
SUPERIMPOSED DESIGN PRESSURE  
LOADS ON SUPPORTING STRUCTURE

| DOOR<br>WIDTH | DOOR<br>HEIGHT | UNIFORM LOAD EACH JAMB (PLF) |
|---------------|----------------|------------------------------|
| 17'-0"        | ALL            | +391.0/-442.0                |
| 18'-0"        | ALL            | +414.0/-468.0                |

## 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: 18' DOOR SHOWN. SEE SHEET 2 FOR HINGE AND STILE LOCATIONS ON OTHER SIZE DOORS.



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**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.

Digitally signed  
by John Voelkel  
Date:  
2024.07.09  
13:01:51 -05'00'

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(850) 474-9890

|                                                           |  |                         |  |                  |      |         |      |      |  |
|-----------------------------------------------------------|--|-------------------------|--|------------------|------|---------|------|------|--|
| STATIC PRESSURE RATINGS                                   |  | APPROVED SIZES          |  | SCALE: N.T.S.    |      | SIZE: A |      |      |  |
| DESIGN (PSF): +46.00/−52.00                               |  | MAX WIDTH: 18'−2"       |  |                  | DATE |         | NAME |      |  |
| TEST (PSF): +69.00/−78.00                                 |  | MAX HEIGHT: 14'−0"      |  | DRAWN            |      | 3/29/23 |      | SW   |  |
| IMPACT/CYCLIC RATED (YES/NO): YES                         |  | MAX SECTION HEIGHT: 21" |  | CHECKED          |      | —       |      | TC   |  |
| MODELS 170–175, 177, 180–185, 187, 1400, 1440, 1500, 1540 |  |                         |  | SHEET 1 OF 4     |      |         |      |      |  |
|                                                           |  |                         |  | DRAWING PART NO. |      |         |      | REV. |  |
| WINDLOAD SPECIFICATION OPTION CODE 1157                   |  |                         |  | 412682           |      |         |      | —    |  |

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

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

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

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

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

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

DOUBLE END HINGES  
#1 HINGE IS 14 GA  
#2 HINGE IS 13 GA  
#3 HINGE IS 13 GA

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)

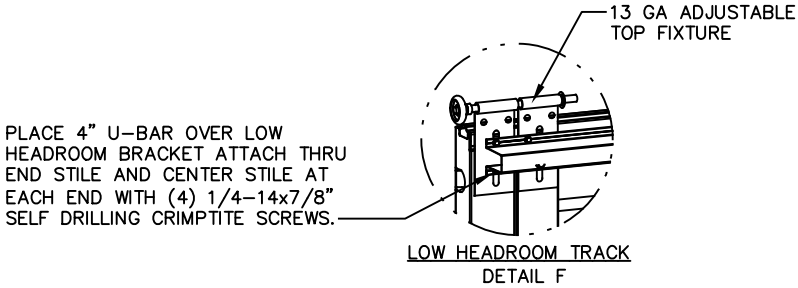
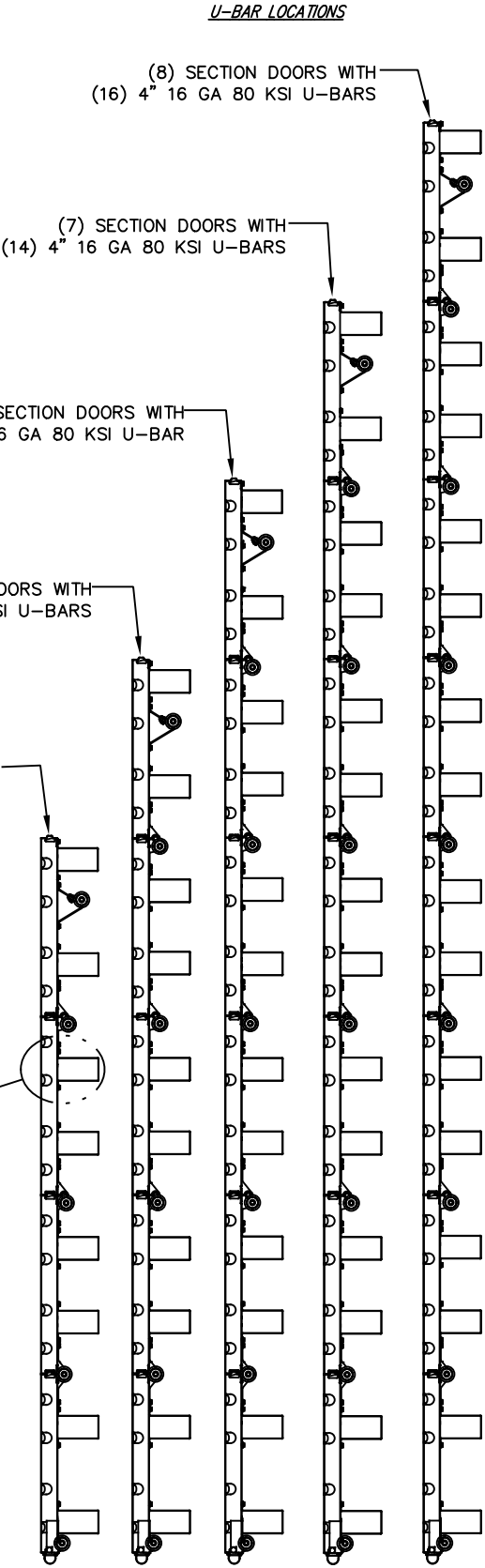
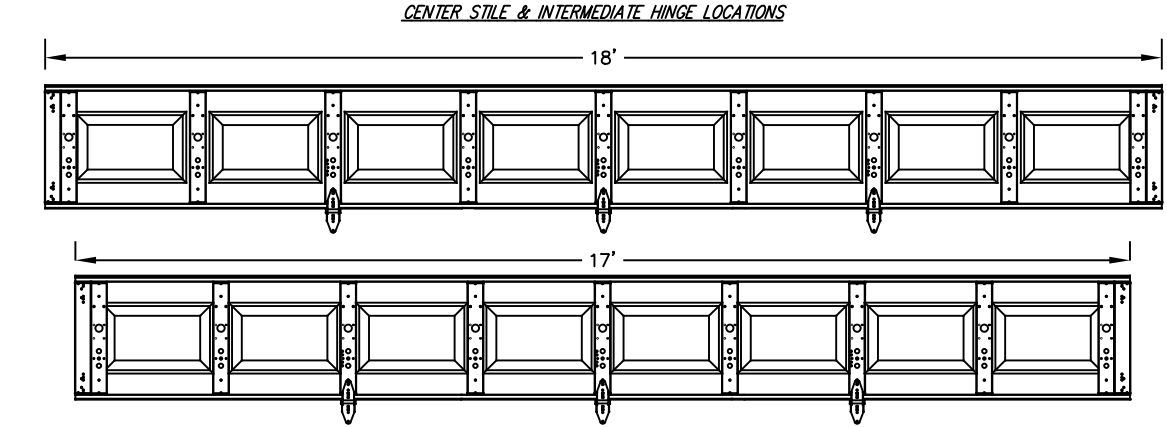
14 GA BOTTOM BRACKET ATTACHED WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS THROUGH STRUT AND BOTTOM BRACKET AND (1) 1/4-14x5/8" SELF DRILLING RED SCREW

DETAIL A

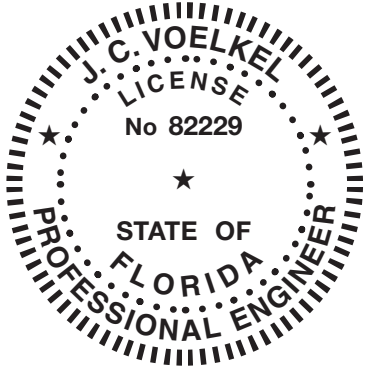
DETAIL B

DETAIL C

DETAIL D



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



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|-----------------------------------------------------------|---------------|-------------------------|---------|------------------|---------|---------|------|
| DESIGN (PSF):                                             | +46.00/-52.00 | MAX WIDTH:              | 18'-2"  |                  | DATE    |         | NAME |
| TEST (PSF):                                               | +69.00/-78.00 | MAX HEIGHT:             | 14'-0"  | DRAWN            | 3/29/23 |         | SW   |
| IMPACT/CYCLIC RATED (YES/NO): YES                         |               | MAX SECTION HEIGHT: 21" | CHECKED | -                |         |         | TC   |
| MODELS 170-175, 177, 180-185, 187, 1400, 1440, 1500, 1540 |               |                         |         | SHEET 2 OF 4     |         |         |      |
| WINDLOAD SPECIFICATION OPTION CODE 1157                   |               |                         |         | DRAWING PART NO. |         | REV.    |      |
|                                                           |               |                         |         | 412682           |         | -       |      |

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.

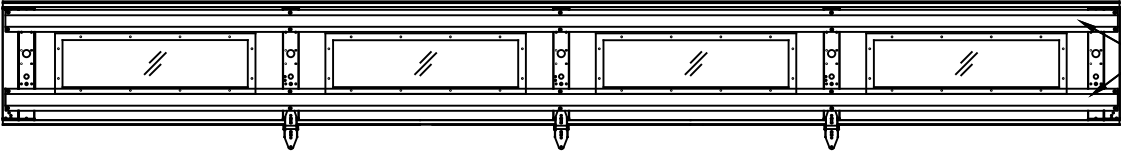
IMPACT GLAZING OPTIONS:

- 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

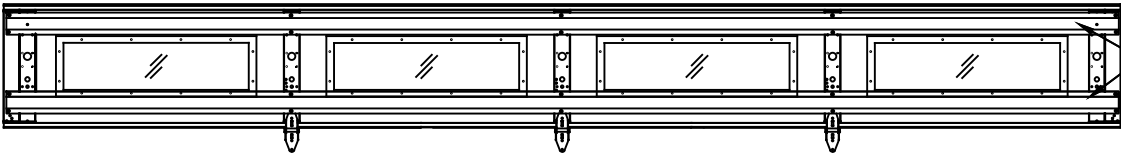
VIEW DEPICTS STRUT PLACEMENT AND FASTENING INFO IF LONG LITES IDENTIFIED IN NOTES 8 AND 14 ARE INSTALLED IN ANY SECTION



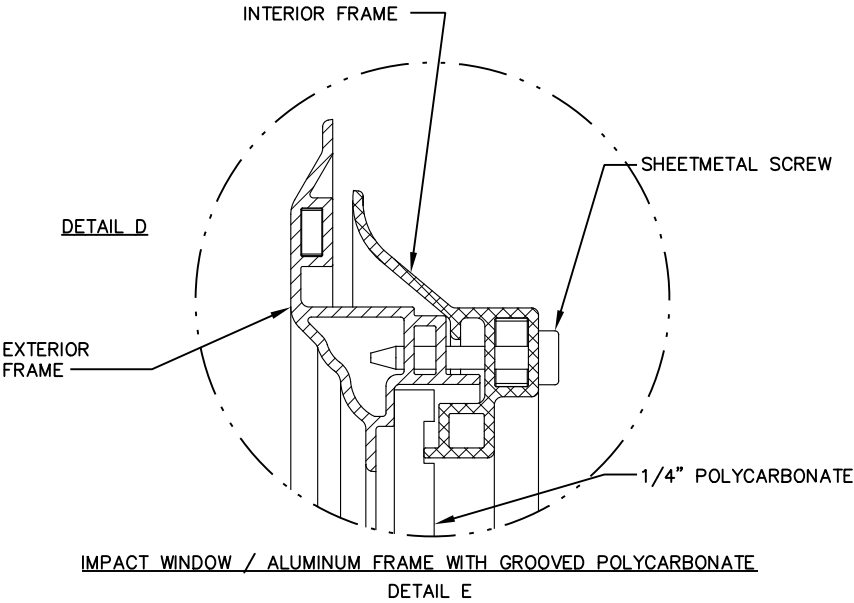
EACH TOP AND BOTTOM STRUT REQUIRES (2) 1/4-14X5/8 SCREWS PER STILE

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 ANY SECTION

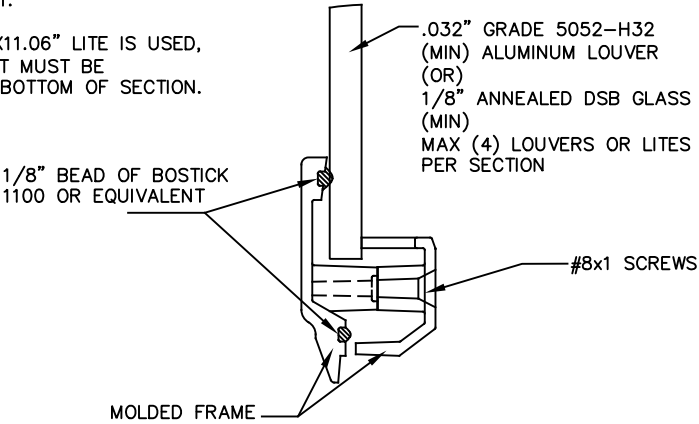


EACH TOP AND BOTTOM STRUT REQUIRES (2) 1/4-14X5/8 SCREWS PER STILE

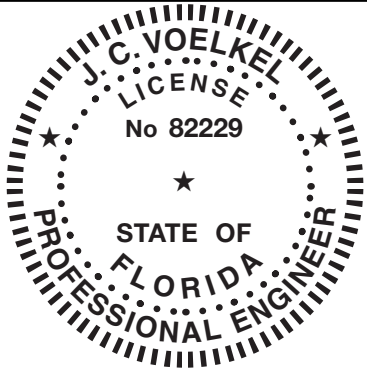


\*WHEN LONG LITES USED, SEE NOTE #2 ON SHEET 1.

\*WHEN 39.93"x11.06" LITE IS USED, 2"x20GA STRUT MUST BE ATTACHED TO BOTTOM OF SECTION.



NON-IMPACT PLASTIC FRAME (STATIC RATED)



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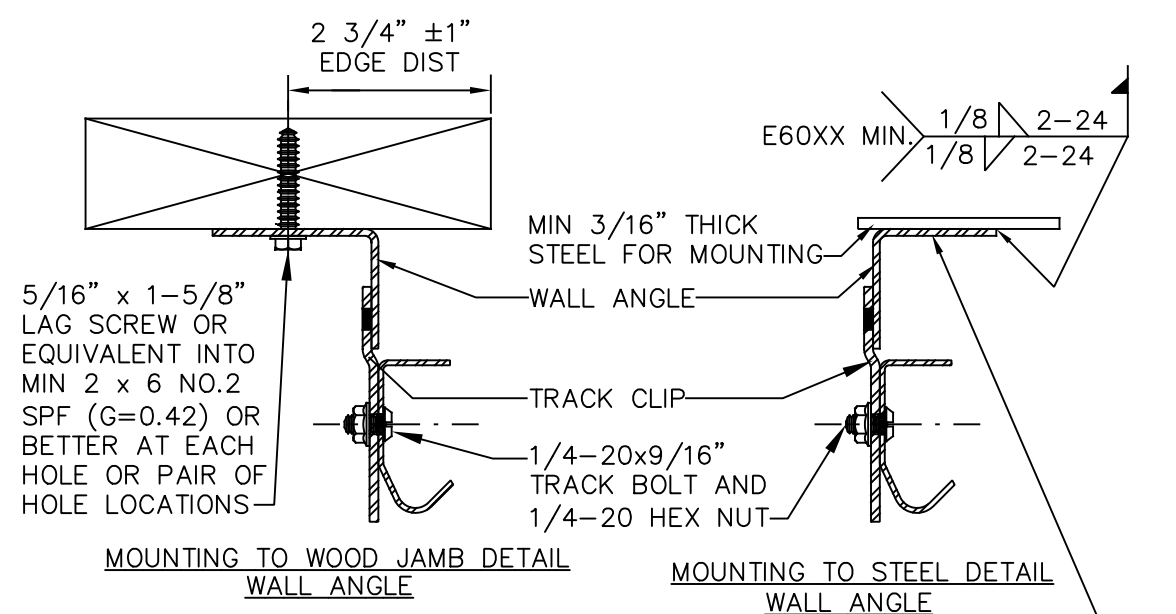
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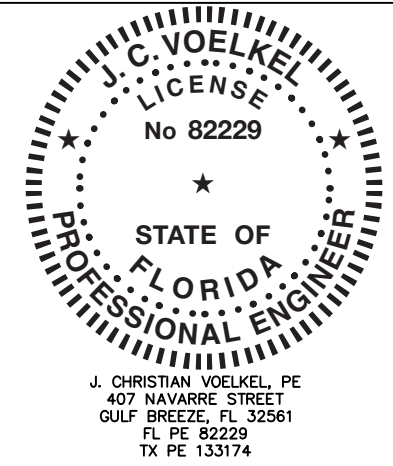
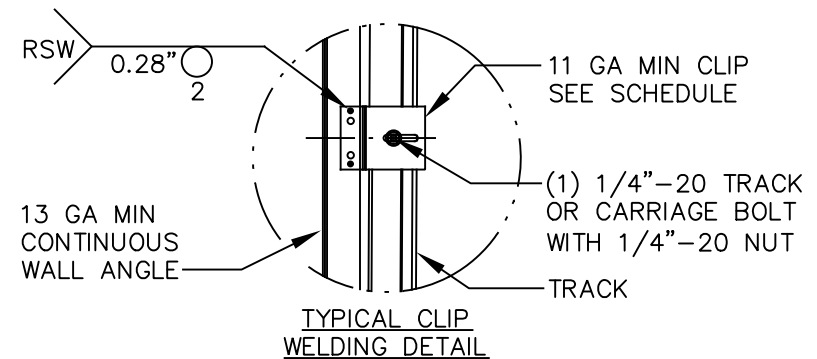
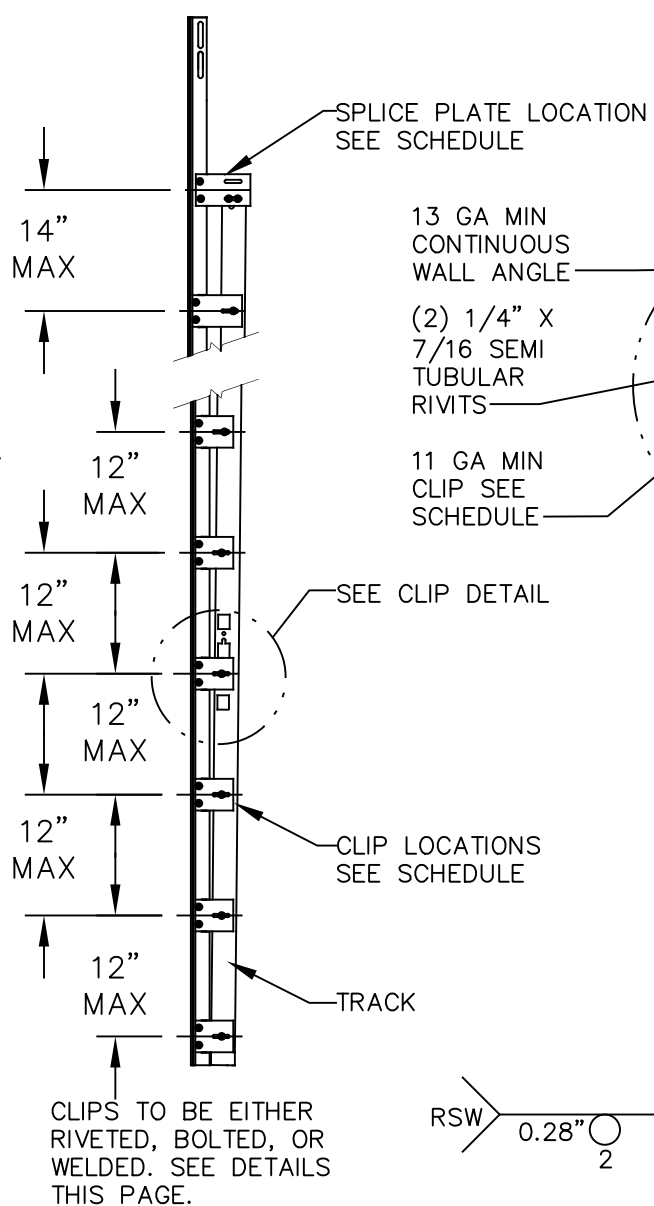
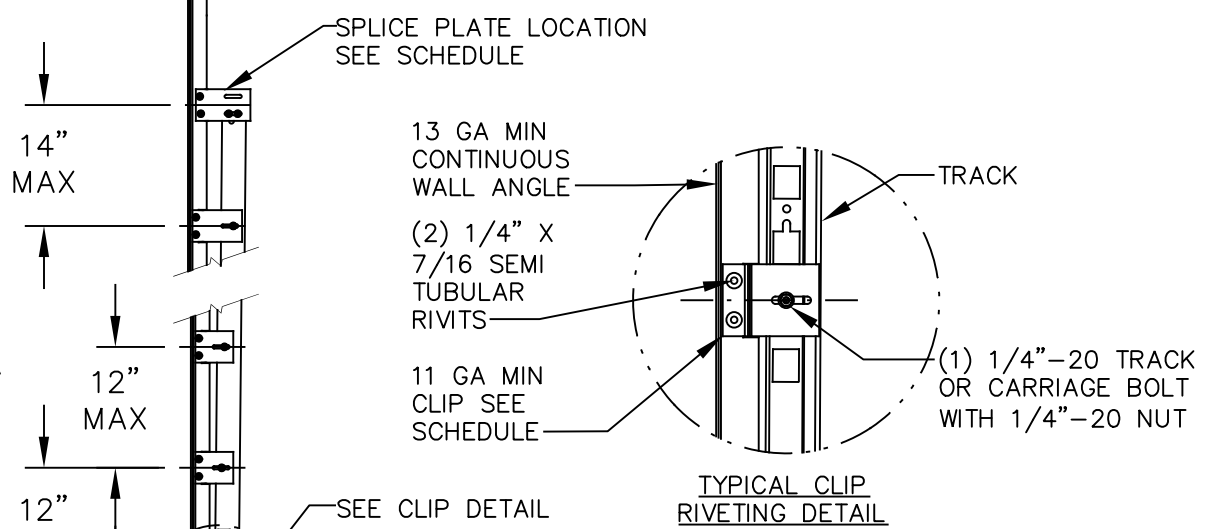
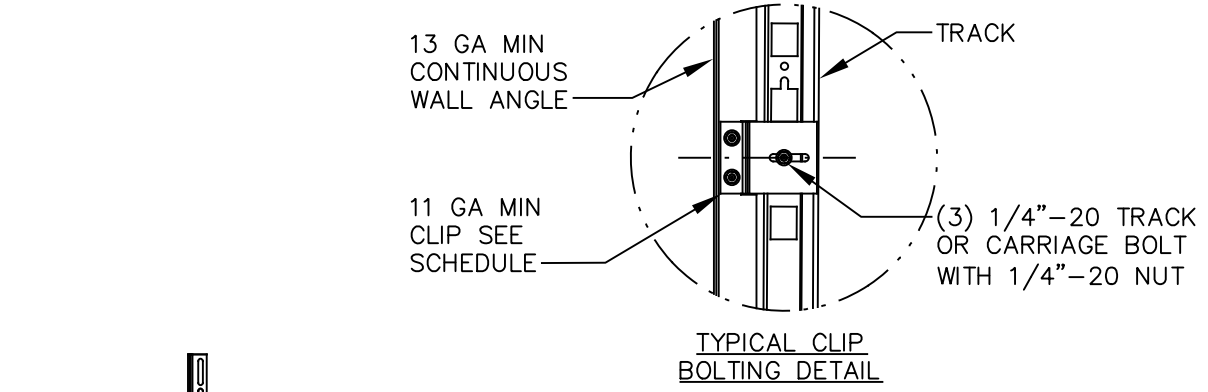
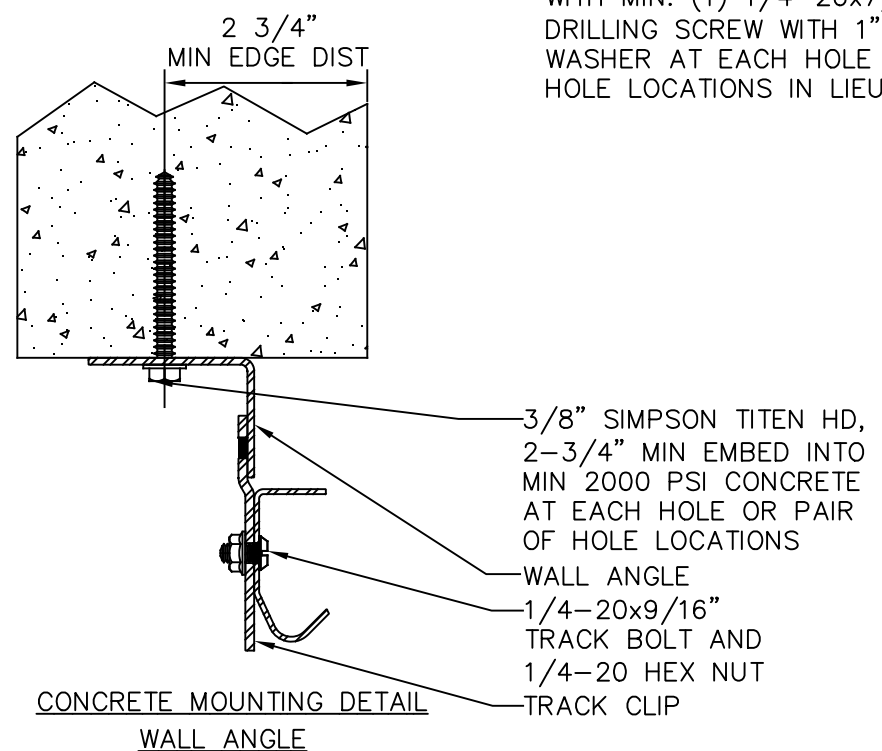


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| WINDLOAD SPECIFICATION OPTION CODE 1157                   |               |                         |         | DRAWING PART NO. |         | REV.    |      |
|                                                           |               |                         |         | 412682           |         | -       |      |



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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| WINDLOAD SPECIFICATION OPTION CODE 1157                   |               |                         |         |               | DRAWING PART NO. | REV.    |      |
|                                                           |               |                         |         |               | 412682           | -       |      |