

NOTES:

1. NON-IMPACT RESISTANT OPTION – .125" MINIMUM DSB GLAZING MEETS UNIFORM STATIC DESIGN PRESSURES SHOWN ON THIS DRAWING. GLAZING SHALL HAVE A MAXIMUM HEIGHT OF 6.70" AND A MAXIMUM LENGTH OF 24.00". GLAZING IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS.

2. IMPACT RESISTANT GLAZING OPTION – IMPACT RESISTANT GLAZING SYSTEM MAY BE INSTALLED IN INTERMEDIATE SECTIONS (WITH OR WITHOUT DECORATIVE INSERTS). GLAZING SHALL BE 1/4" POLYCARBONATE. MAXIMUM GLAZING DIMENSIONS SHALL BE 11" x 17", FASTENED WITH A MINIMUM #8 X 1" SMS: 3X ALONG THE HORIZONTAL AND 2X ALONG THE VERTICAL.

3. ALUMINUM FULL VIEW OPTION – ALUMINUM FULL VIEW SECTION MAY REPLACE ANY SECTION EXCEPT TOP AND BOTTOM PANELS. ALUMINUM FULL VIEW SECTION SHALL HAVE RAILS AND STILES OF EXTRUDED ALUMINUM ALLOY 6063-T6 AND .125" MINIMUM DSB GLAZING INSTALLED WITH ALUMINUM RETAINERS IN ORDER TO MEET UNIFORM STATIC DESIGN PRESSURES SHOWN ON THIS DRAWING. GLAZING IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS.

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

5. SLIDE LOCK OR OPERATOR REQUIRED.

6. SECTION STEEL TO HAVE THE FOLLOWING MINIMUM THICKNESS:
C20 – 20 GA
C24 – 24 GA
C2400 – 25 GA

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. TRACK CLIPS SHALL BE LOCATED WITH CENTERLINE OF BOTTOM CLIP SPACED 10" MAX FROM BOTTOM OF TRACK AND REMAINING TRACK CLIPS SPACED AT 24" O.C. MAX. SPACING BETWEEN TOP TRACK CLIP AND SPLICE PLATE SHALL BE 30" O.C. MAX.

9. WHEN MOUNTING TO WOOD, DOOR JAMB TO BE MINIMUM 2x6 STRUCTURAL GRADE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.

13 GA HORIZ ANGLE

15 GA MIN HORIZ TRACK

13 GA CONTINUOUS WALL ANGLE

15 GA MIN VERT TRACK

5/16"x1-5/8" LAG SCREW AT EACH HOLE LOCATION FOR WOOD SUBSTRATE. SEE SHEET 3 FOR MOUNTING TO OTHER SUBSTRATES.

(1) 1/4-20x9/16" TRACK BOLTS AND 1/4-20 HEX NUTS AT EACH TRACK CLIP LOCATION (SEE DETAIL A SHEET 3)

11 GA TRACK CLIPS (WELDED, BOLTED, OR RIVETED TO WALL ANGLE) SEE NOTE 8 AND DETAIL F SHEET 3

SLIDE LOCK ONE END (NOT REQUIRED WITH OPERATOR – SEE NOTE 5)

NOTE: (4) SECTION SOLID DOOR SHOWN. SEE SHEET 2 FOR U-BAR LOCATIONS ON DOORS WITH OTHER SECTION QUANTITIES AND SEE NOTES 1, 2, & 3 OF THIS SHEET FOR GLAZING OPTIONS.

REVISIONS

REV – INITIAL DRAWING
WL005
10/15/20 TLC

20 GA CENTER STILE

20 GA END STILE

CL DOOR

B
SHEET 2

C
SHEET 2

D
SHEET 2
TYP

E
SHEET 2

J. C. VOELKEL

LICENSE

No 82229

STATE OF FLORIDA

PROFESSIONAL ENGINEER

John Christian Voelkel

J. CHRISTIAN VOELKEL, PE
312 N. WARRINGTON RD. UNIT 1A
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FL PE 77945
TX PE 133174

PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE		
MAX DOOR WIDTH	DOOR HEIGHT	MAX UNIFORM LOAD EACH JAMB (PLF)
9'-4"	ALL	+201.7/-228.3

Digitally signed by John Christian Voelkel

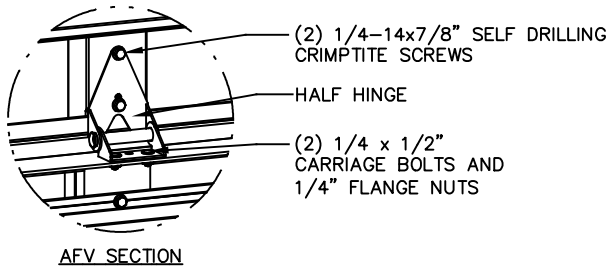
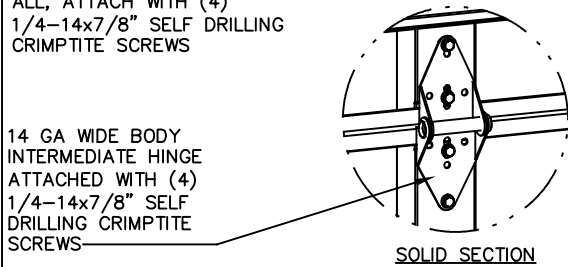
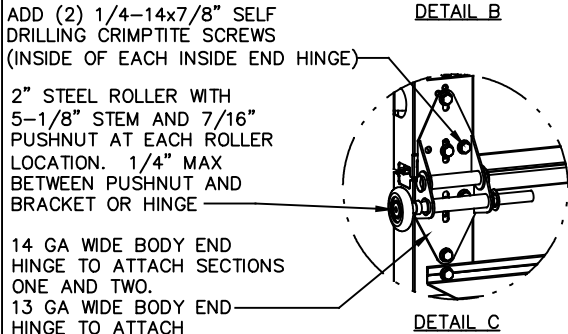
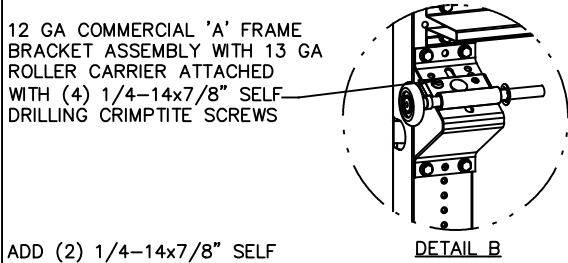
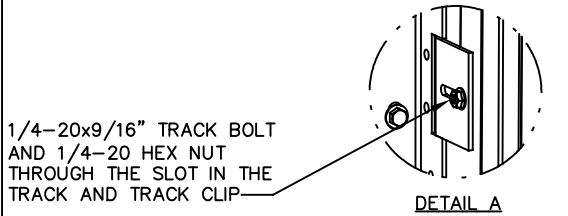
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THE DOORS ARE DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2018 IRC AND THE 2018 IBC.

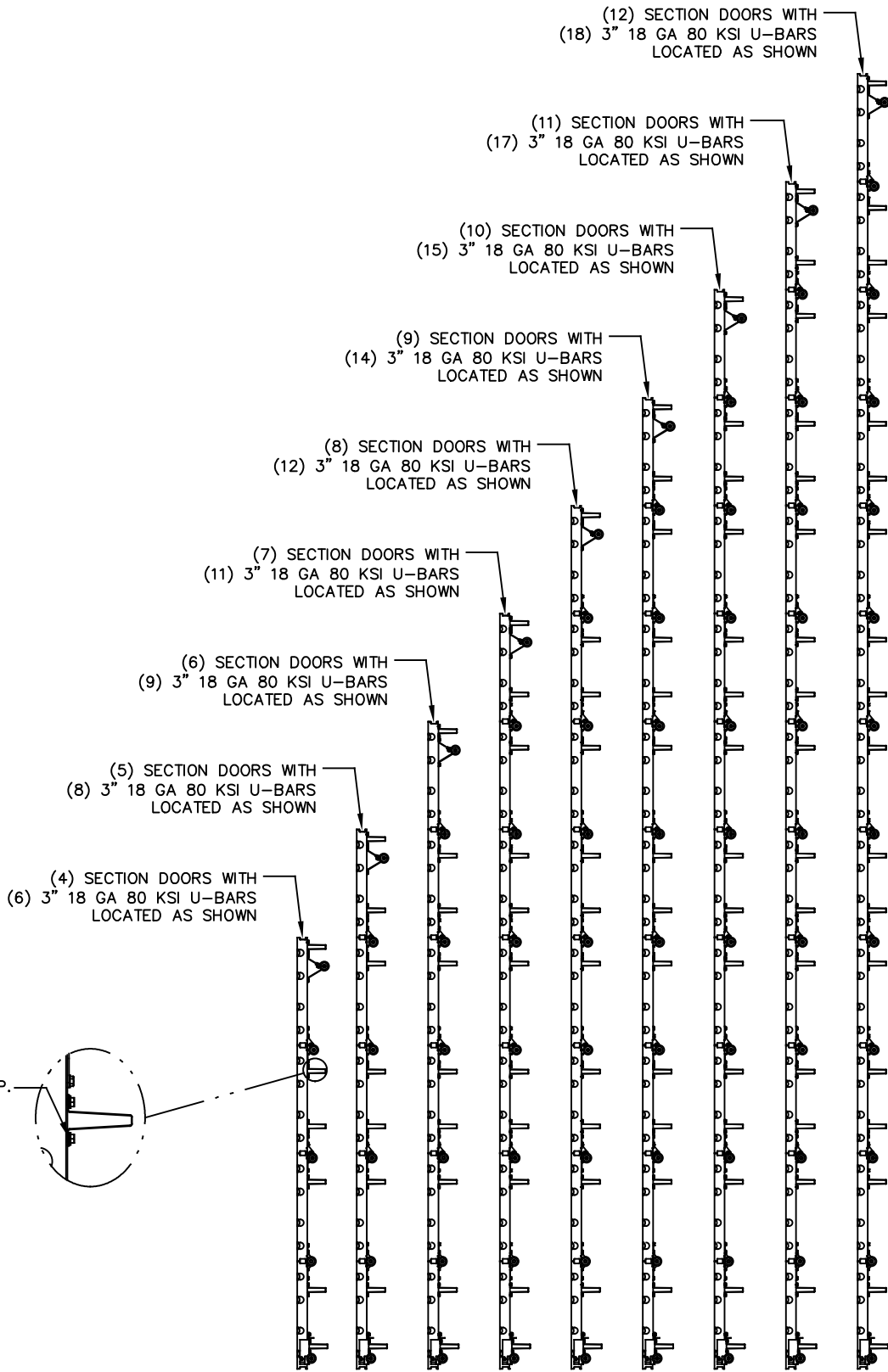
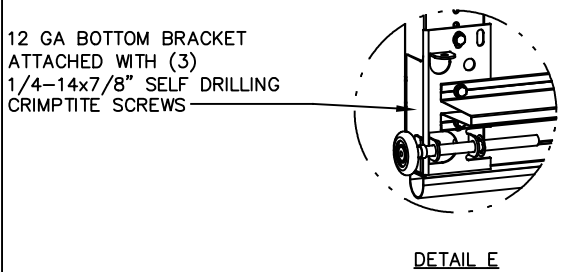
Wayne Dalton
GARAGE DOORS

A DIVISION OF OVERHEAD DOOR CORP
3395 ADDISON DRIVE
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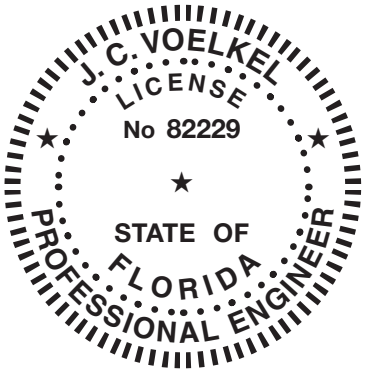
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IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 24"		CHECKED	1/2/2021	JQ	
MODELS C20/C24/C2400					SHEET 1 OF 3		
WINDLOAD SPECIFICATION OPTION CODE 2066					DRAWING PART NO. 365568		REV. —



DETAIL D



ATTACH U-BARS WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS AT ALL STILE LOCATIONS, TYP.



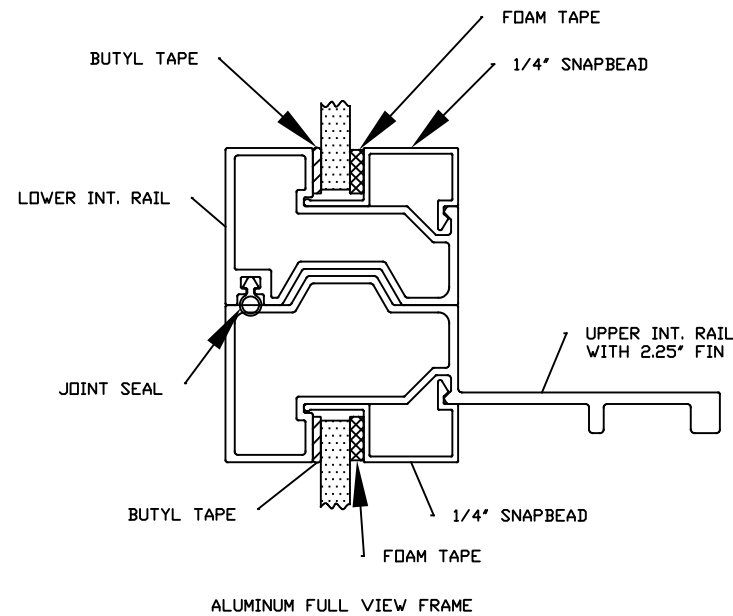
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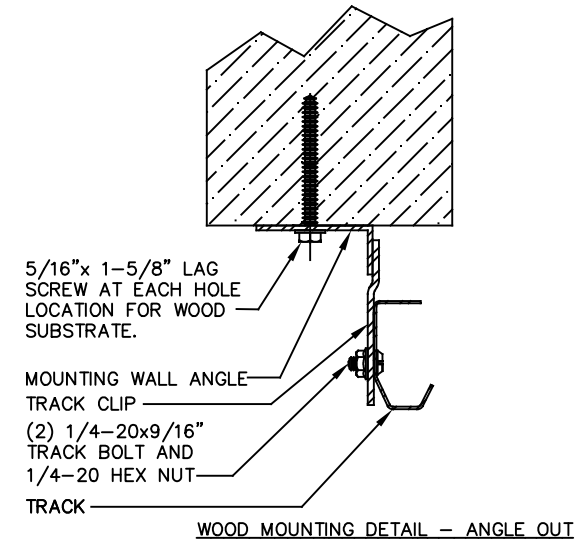
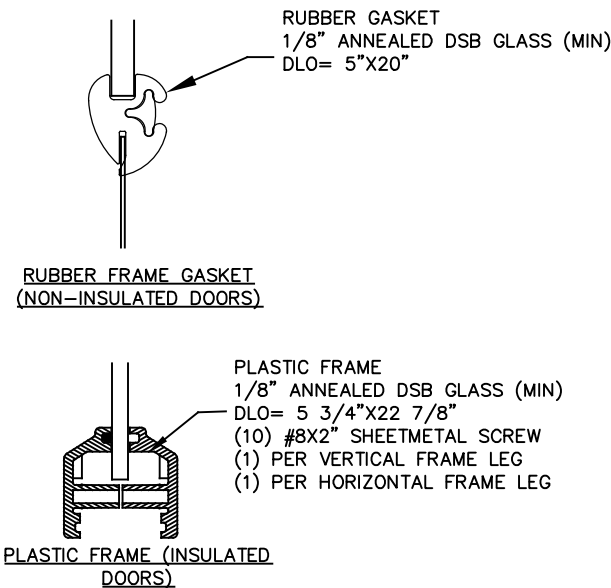
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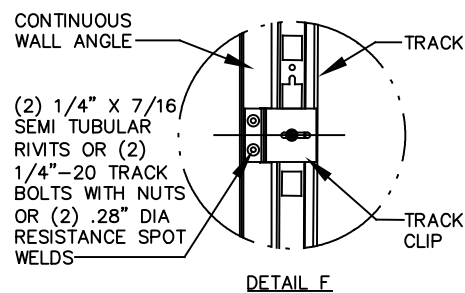
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MODELS C20/C24/C2400				SHEET 2 OF 3		
				DRAWING PART NO.		REV.
WINDLOAD SPECIFICATION OPTION CODE 2066				365568		—



ALUMINUM FULL VIEW FRAME

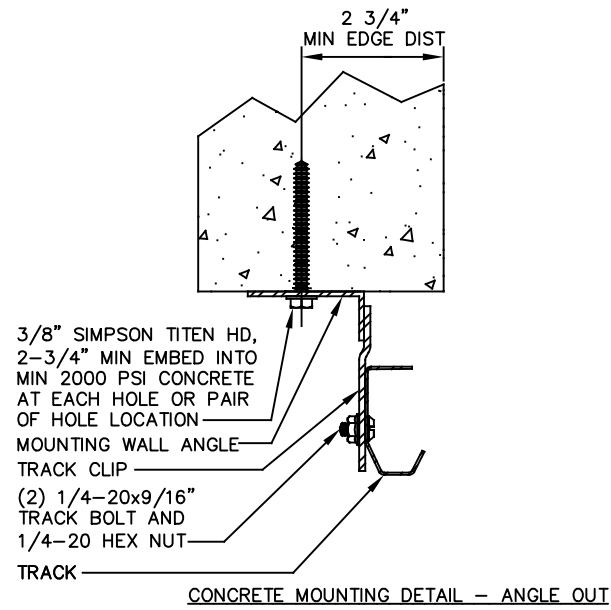


WOOD MOUNTING DETAIL - ANGLE OUT

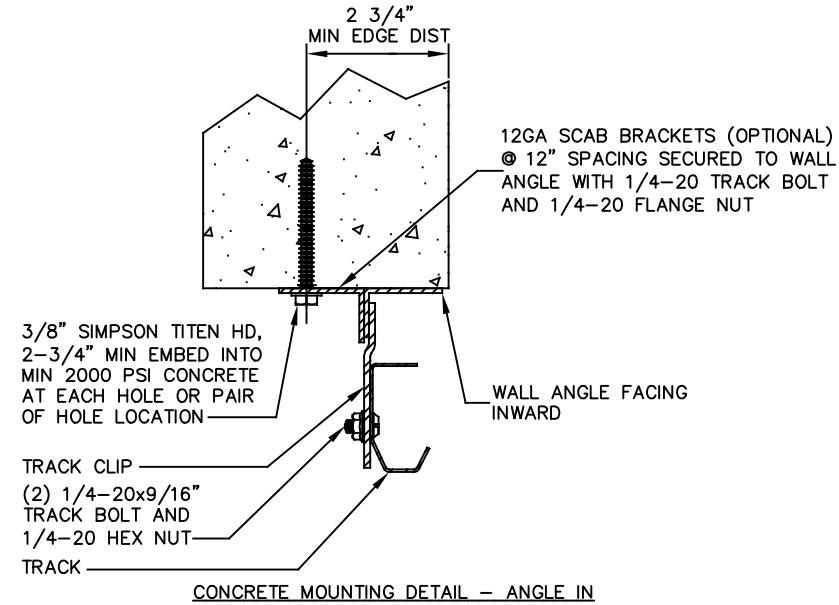


DETAIL F

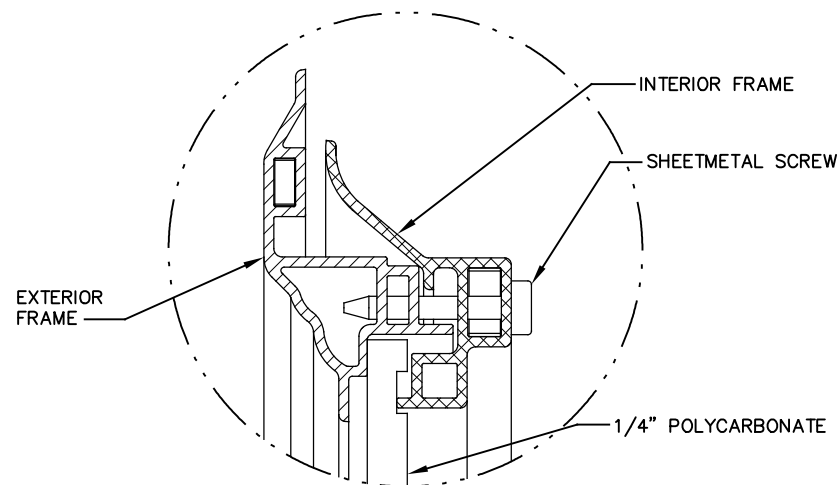
EXTERIOR FRAME



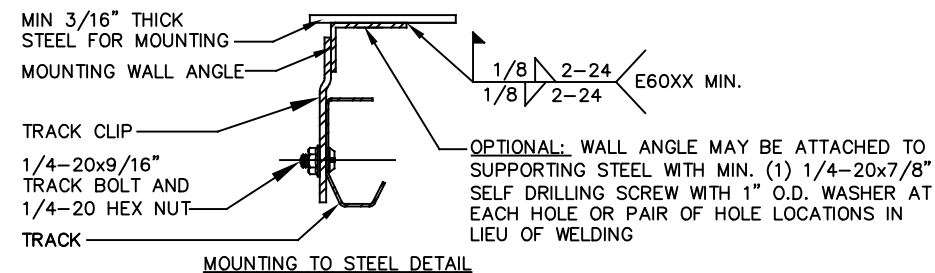
CONCRETE MOUNTING DETAIL - ANGLE OUT



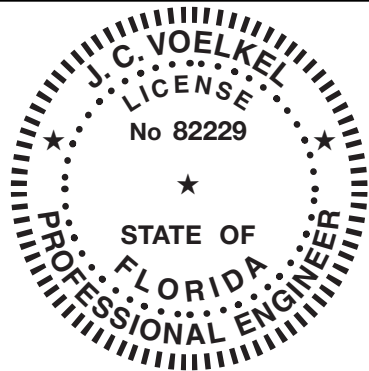
CONCRETE MOUNTING DETAIL - ANGLE IN



IMPACT WINDOW / ALUMINUM FRAME WITH GROOVED POLYCARBONATE



MOUNTING TO STEEL DETAIL



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WINDLOAD SPECIFICATION OPTION CODE 2066					DRAWING PART NO.	REV.	
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