NOTES:

1. STANDARD GLAZING 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. 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 WITH A 2–1/4" INTEGRAL FIN AND .125" MINIMUM DSB GLAZING INSTALLED WITH ALUMINUM RETAINERS IN ORDER TO MEET UNIFORM STATIC DESIGN PRESSURES SHOWN ON THIS DRAWING. AFV PANEL SIZE IS 57.5"x21.9" (MAX). GLAZING IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND–BORNE DEBRIS REGIONS.

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

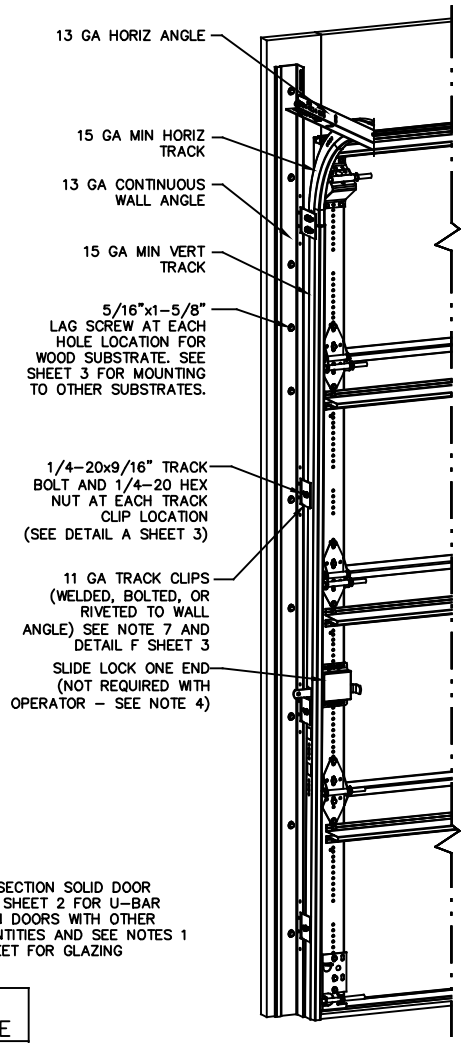
4. SLIDE LOCK OR OPERATOR REQUIRED.

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

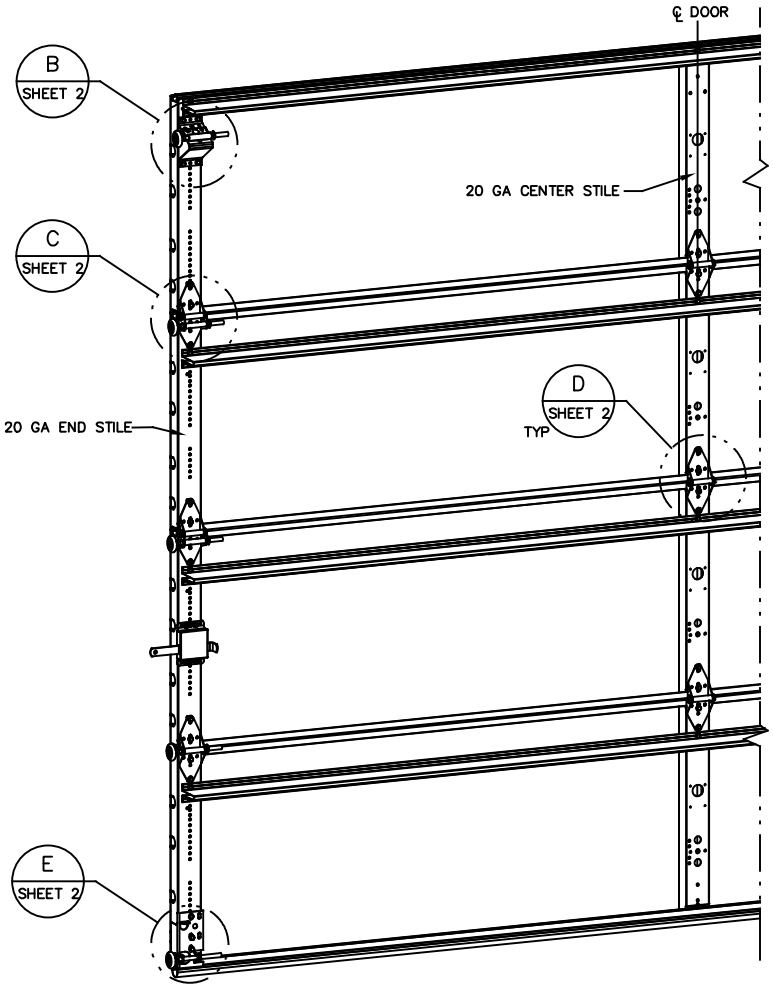
6. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

7. 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.

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



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



SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE		
MAX DOOR WIDTH	DOOR HEIGHT	MAX UNIFORM LOAD EACH JAMB (PLF)
10'–4"	ALL	+87.5/–99.9

REVISIONS

REV – INITIAL DRAWING
TLC 11/24/20

REV A – ADDED SIZE OF AFV PANEL
TLC 4/28/21

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

John Christian Voelkel

Digitally signed by John Christian Voelkel
Date: 2021.05.03 11:22:28 -05'00'

STATE OF TEXAS
J. C. VOELKEL
133174
LICENSED
PROFESSIONAL ENGINEER

J. CHRISTIAN VOELKEL, PE
312 N. NEW WARRINGTON ROAD, UNIT 1A
PENSACOLA, FL
FL PE 82229
TX PE 133174

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

Wayne Dalton GARAGE DOORS

A DIVISION OF OVERHEAD DOOR CORP
3395 ADDISON DRIVE
PENSACOLA, FLORIDA 32514
(850) 474–9890

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A
DESIGN (PSF):	+17.00/–19.40	MAX WIDTH:	10'–4"		DATE	NAME
TEST (PSF):	+25.5/–29.1	MAX HEIGHT:	24'–1"	DRAWN	11/24/20	TLC
IMPACT/CYCLIC RATED (YES/NO):	NO	MAX SECTION HEIGHT:	24"	CHECKED	4/28/21	TLC

MODELS C20/C24/C2400

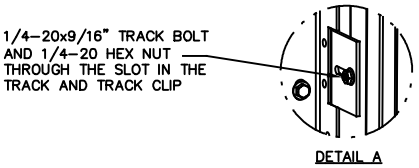
SHEET 1 OF 3

WINDLOAD SPECIFICATION OPTION CODE 2072

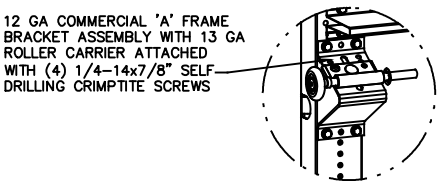
DRAWING PART NO. 365571

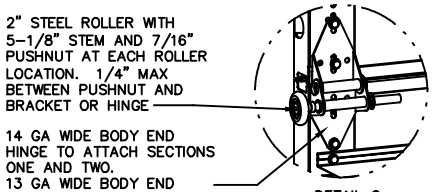
REV. A

REVISIONS

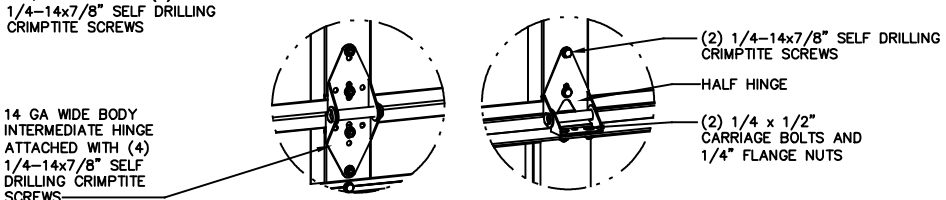


DETAIL A



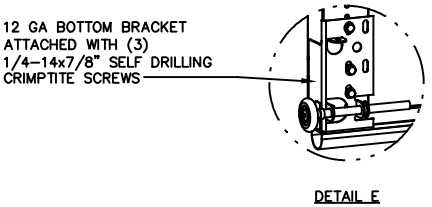


DETAIL C

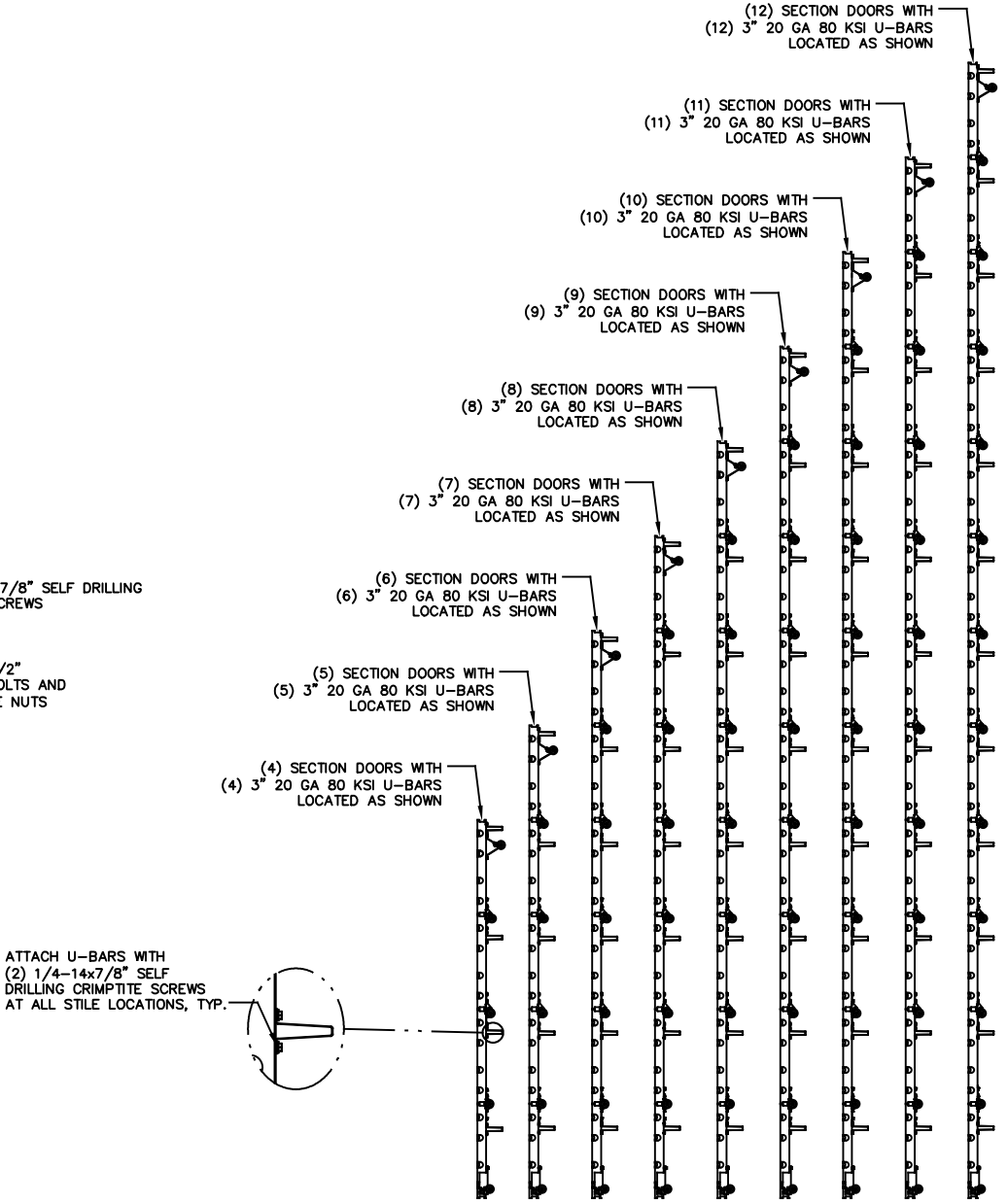


SOLID SECTION AFV SECTION

DETAIL D



DETAIL E



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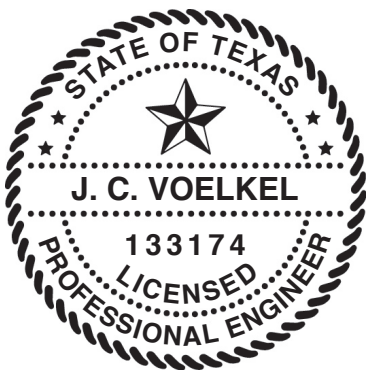

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STATIC PRESSURE RATINGS	APPROVED SIZES	SCALE: N.T.S.		SIZE: A
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IMPACT/CYCLIC RATED (YES/NO): NO	MAX SECTION HEIGHT: 24"	CHECKED	4/28/21	TLC

MODELS C20/C24/C2400

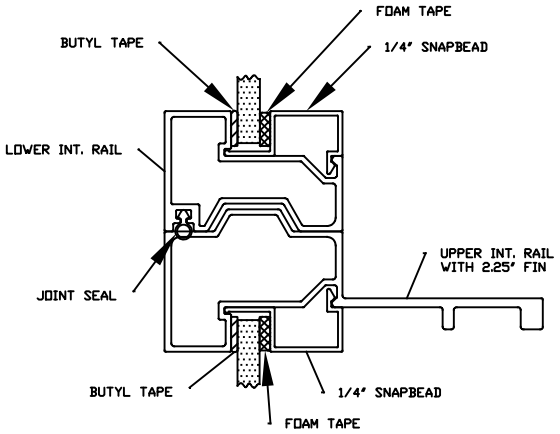
SHEET 2 OF 3

WINDLOAD SPECIFICATION OPTION CODE 2072

DRAWING PART NO. 365571

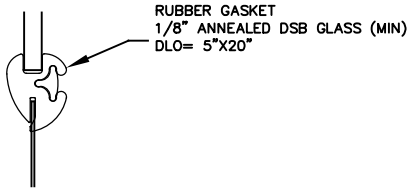
REV. A

REVISIONS

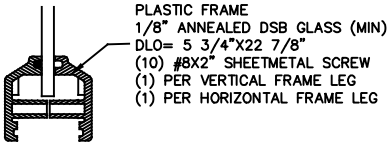


ALUMINUM FULL VIEW FRAME

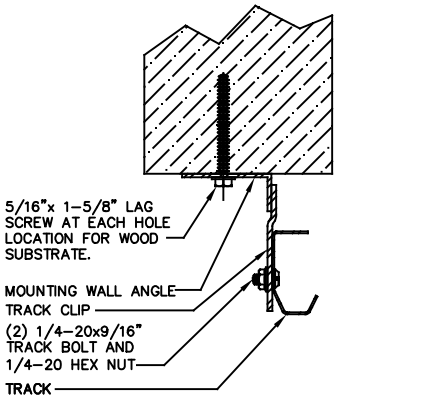
ALUMINUM FULL VIEW FRAME



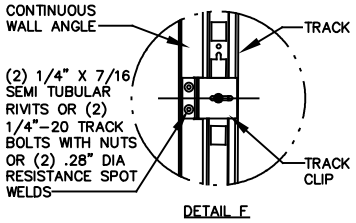
RUBBER FRAME GASKET
(NON-INSULATED DOORS)



PLASTIC FRAME (INSULATED
DOORS)

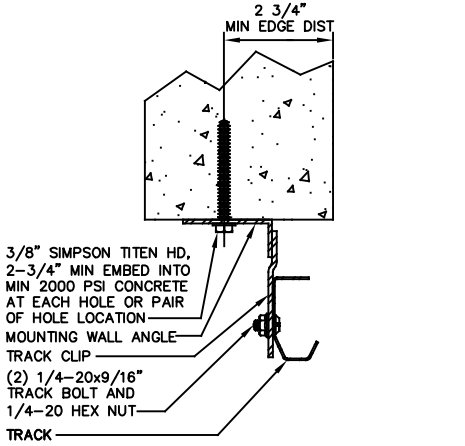


WOOD MOUNTING DETAIL - ANGLE OUT

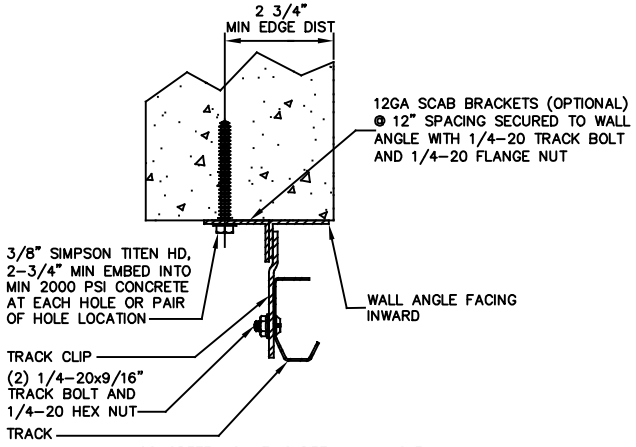


DETAIL F

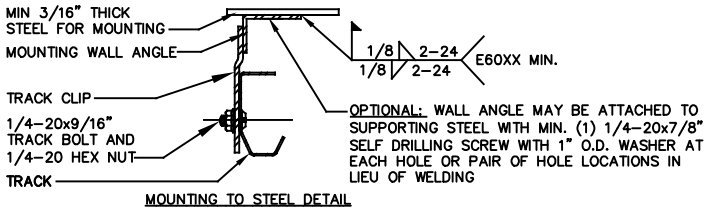
EXTERIOR
FRAME



CONCRETE MOUNTING DETAIL - ANGLE OUT



CONCRETE MOUNTING DETAIL - ANGLE IN



MOUNTING TO STEEL DETAIL

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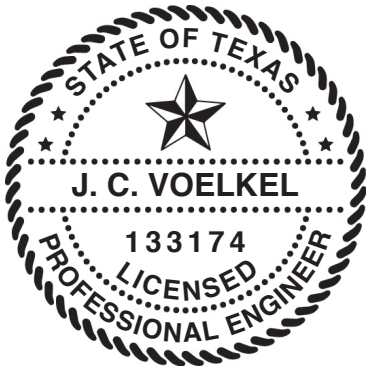

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MODELS C20/C24/C2400

SHEET 3 OF 3

WINDLOAD SPECIFICATION OPTION CODE 2072

DRAWING PART NO. 365571

REV. A