

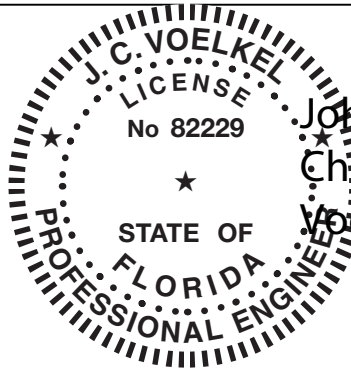
- NOTES:
1. GLAZING OPTION — .125" MINIMUM DSB GLAZING MEETS UNIFORM STATIC DESIGN PRESSURES SHOWN ON THIS DRAWING. GLAZING SHALL HAVE A MAXIMUM HEIGHT OF 6.70" AND A MAXIMUM LENGTH OF 24.00". GLAZING IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS.
 2. MINIMUM OF 1" OVERLAP ON BOTH JAMBS REQUIRED TO MEET NEGATIVE DESIGN PRESSURES.
 3. SLIDE LOCKS OR OPERATOR REQUIRED.
 4. SECTION STEEL TO HAVE THE FOLLOWING MINIMUM THICKNESS:
TS 200 — 26 GA EXTERIOR, 26 GA INTERIOR
TS 200-20 — 20 GA EXTERIOR, 27 GA INTERIOR
 5. A 22 GA X 2-1/4" X 3-3/4" BACKUP PLATE SHALL BE LOCATED AT EACH INTERMEDIATE HINGE LOCATION.
 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 NO. 2 SPF LUMBER OR BETTER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.

- 13 GA HORIZ ANGLE
- 12 GA MIN HORIZ TRACK
- 12 GA CONTINUOUS WALL ANGLE
- 12 GA MIN VERT TRACK
- 5/16"x1-5/8" LAG SCREW AT EACH PAIR OF HOLES FOR WOOD SUBSTRATE. SEE SHEET 2 FOR MOUNTING TO OTHER SUBSTRATES.
- (2) 1/4"-20x9/16" TRACK BOLTS AND 1/4"-20 HEX NUTS AT EACH TRACK CLIP LOCATION (SEE DETAIL A SHEET 2)
- 11 GA TRACK CLIPS (WELDED, BOLTED, OR RIVETED TO WALL ANGLE) SEE NOTE 7 AND DETAIL F SHEET 2
- SLIDE LOCK EACH END (NOT REQUIRED WITH OPERATOR — SEE NOTE 3)

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

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

MAX DOOR WIDTH	DOOR HEIGHT	MAX UNIFORM LOAD EACH JAMB (PLF)
24'-2"	ALL	+252.5/-285.2



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

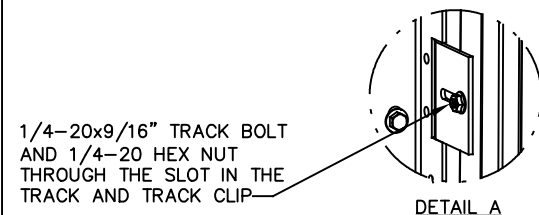
PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.

Digitally signed
by John
Christian Voelkel
Date: 2020.08.10
15:29:29 -05'00'

Wayne Dalton
GARAGE DOORS™

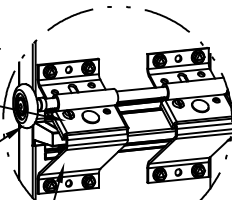
A DIVISION OF OVERHEAD DOOR CORP
3395 ADDISON DRIVE
PENSACOLA, FLORIDA 32514
(850) 474-9890

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+20.9/−23.60	MAX WIDTH:	24'−2"		DATE	NAME	
TEST (PSF):	+31.35/−35.40	MAX HEIGHT:	24'−1"	DRAWN	6/26/2020	TLC	
IMPACT/CYCLIC RATED (YES/NO): NO		MAX SECTION HEIGHT: 24"		CHECKED			
MODEL TS 200/200−20				SHEET 1 OF 2			
WINDLOAD SPECIFICATION OPTION CODE 2151				DRAWING PART NO.		REV.	
				365337			



DETAIL A

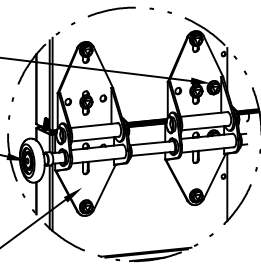
12 GA ROLLER SLIDE ATTACHED
TO BRACKET WITH 5/16-18
BOLT & NUT IN CENTER SLOT
AND 1/4-20x9/16" TRACK BOLT
& 1/4-20 HEX NUT THROUGH
ANY TWO ALIGNING HOLES



3" STEEL ROLLER WITH
7/16" DIA. x 9" LONG STEM:

DETAIL B

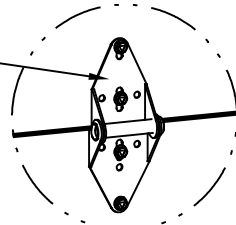
ADD (2) 1/4-20x11/16"
SELF DRILLING SCREWS
(INSIDE OF ALL INSIDE END
HINGES)_____



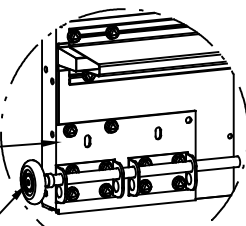
(2) 11 GA MODIFIED WIDE
BODY END HINGE EACH
ATTACHED WITH (4)
1/4-20x11/16" SELF
DRILLING SCREWS

DETAIL C

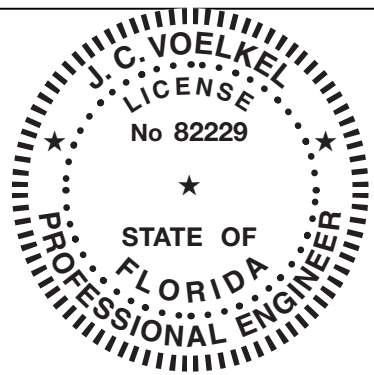
14 GA WIDE BODY HINGE
ATTACHED WITH (4)
1/4-20x11/16" SELF
DRILLING SCREWS



11 GA DOUBLE BOTTOM
BRACKET ATTACHED WITH (12)
1/4-20x11/16" SELF DRILLING
SCREWS (8 OF WHICH ARE
USED TO ATTACH 12 GA
ROLLER CARRIERS AND 2
WHICH ARE USED TO ATTACH
U-BAR)

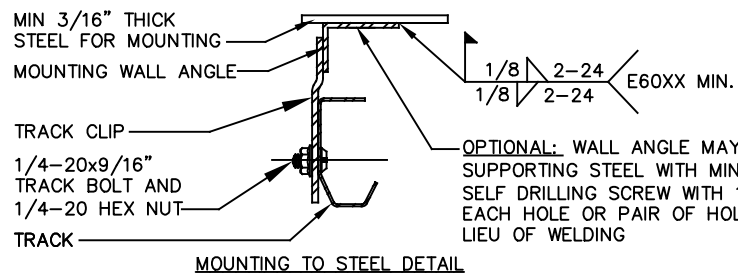


DETAIL E

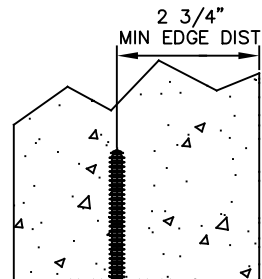


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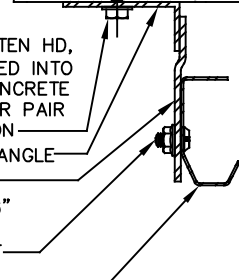
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VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.



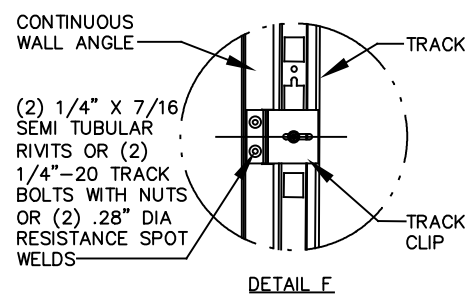
MOUNTING TO STEEL DETAIL



3/8" SIMPSON TITEN HD,
2-3/4" MIN EMBED INTO
MIN 2000 PSI CONCRETE
AT EACH HOLE OR PAIR
OF HOLE LOCATION——

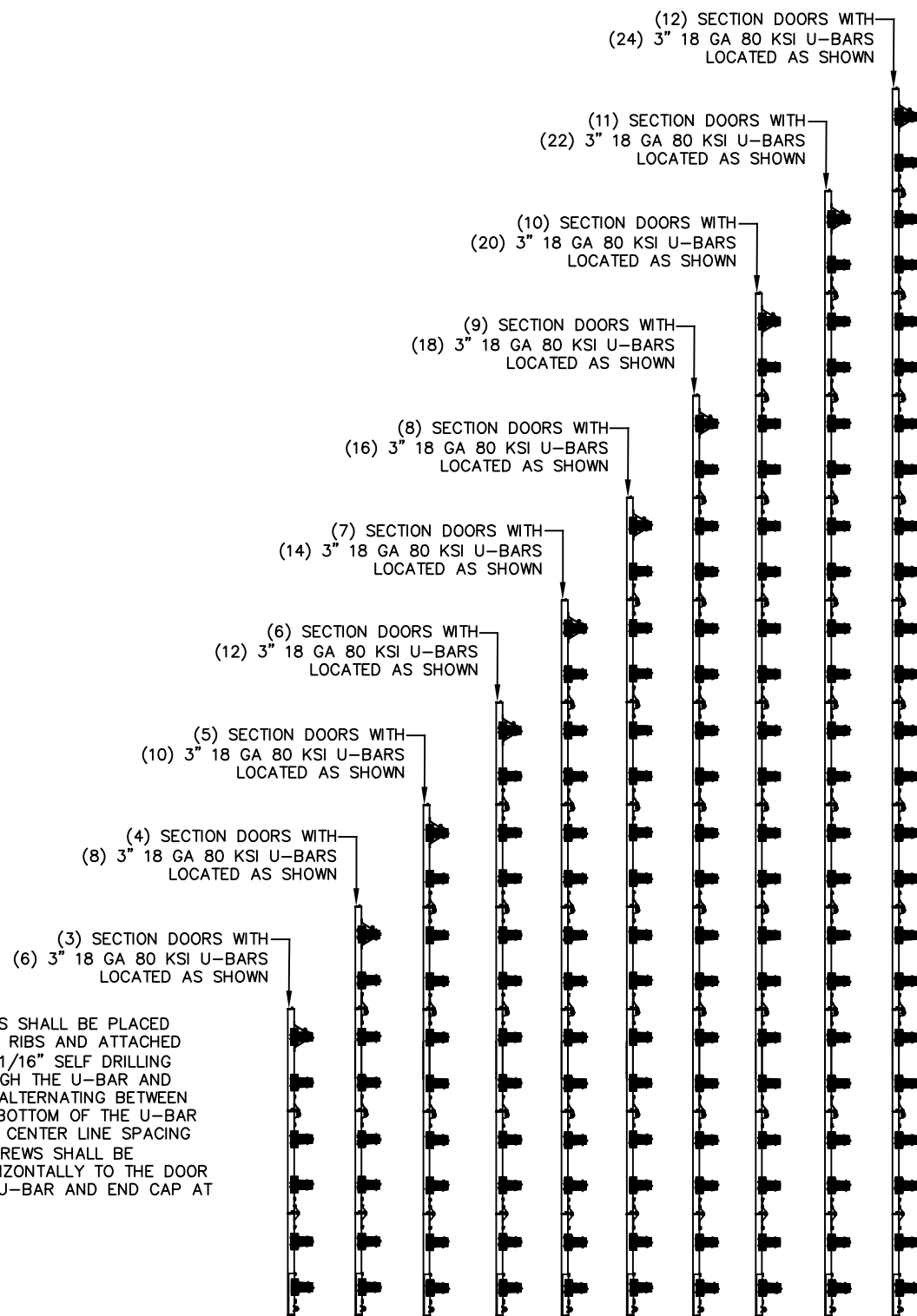


CONCRETE MOUNTING DETAIL



DETAIL F

NOTE: U-BARS SHALL BE PLACED OVER INTEGRAL RIBS AND ATTACHED WITH 1/4-20x11/16" SELF DRILLING SCREWS THROUGH THE U-BAR AND INTEGRAL RIB, ALTERNATING BETWEEN THE TOP AND BOTTOM OF THE U-BAR AT A MAXIMUM CENTER LINE SPACING OF 36". (2) SCREWS SHALL BE INSTALLED HORIZONTALLY TO THE DOOR THROUGH THE U-BAR AND END CAP AT EACH END.



 Wayne DaltonTM 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): +20.90/-23.60		MAX WIDTH: 24'-2"		DATE		NAME		
	TEST (PSF): +31.35/-35.4		MAX HEIGHT: 24'-1"		DRAWN		TLC		
	IMPACT/CYCLIC RATED (YES/NO): NO		MAX SECTION HEIGHT: 24"		CHECKED				
	MODEL TS 200/200-20					SHEET 2 OF 2			
	WINDLOAD SPECIFICATION OPTION CODE 2151					DRAWING PART NO.		REV.	
					365337				