

NOTES:

1. GLAZING OPTION - .125" MINIMUM DSB ANNEALED 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. GLAZING CAN BE LOCATED IN ANY SECTION EXCEPT THE BOTTOM, AND ONLY ONE GLAZED SECTION PER DOOR.

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 WITH .125" MINIMUM DSB ANNEALED 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.

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

4. SLIDE LOCK OR OPERATOR REQUIRED.

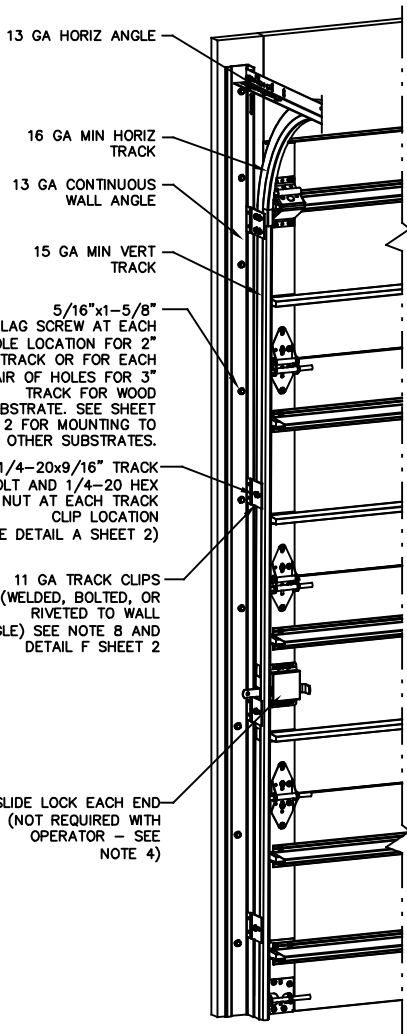
5. SECTION STEEL TO HAVE THE FOLLOWING MINIMUM THICKNESS:
 TS 150 - 29 GA EXTERIOR, 29 GA INTERIOR
 TS 200 - 26 GA EXTERIOR, 26 GA INTERIOR
 TS 200-20 - 20 GA EXTERIOR, 27 GA INTERIOR

6. A 22 GA X 2-1/4" X 3-3/4" BACKUP PLATE SHALL BE LOCATED AT EACH INTERMEDIATE HINGE LOCATION.

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 NO. 2 SPF LUMBER OR BETTER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.



(SEE DETAIL A SHEET 2)

(SEE NOTE 8 AND DETAIL F SHEET 2)

(NOT REQUIRED WITH OPERATOR - SEE NOTE 4)

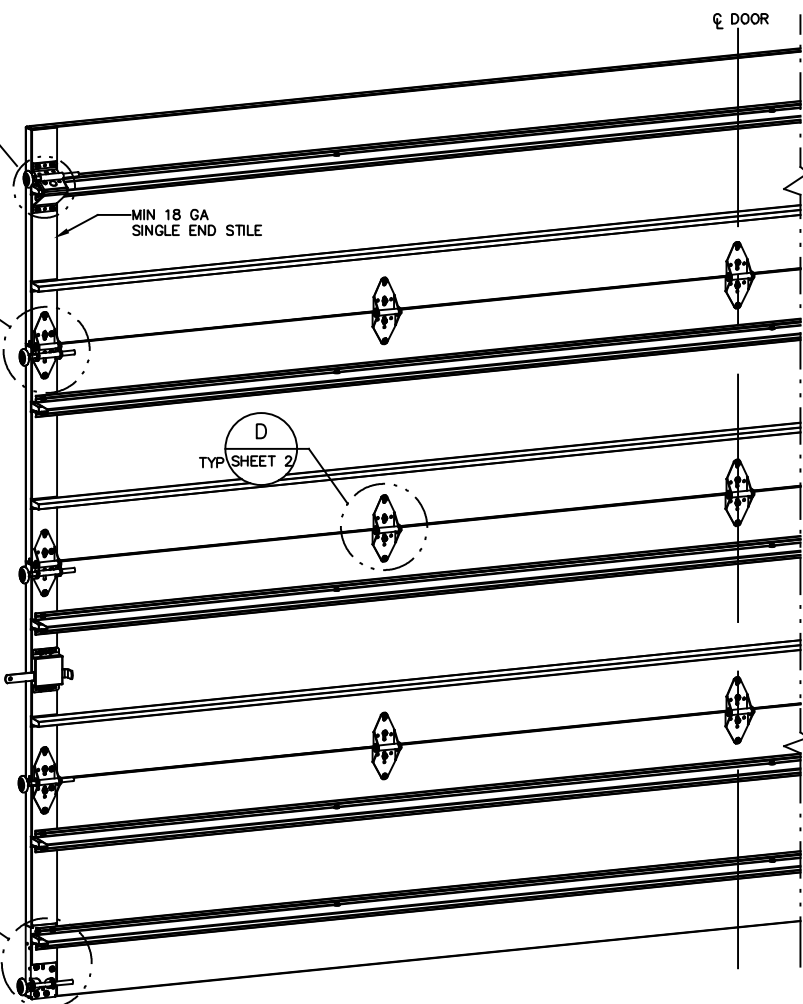
NOTE: (4) SECTION SOLID DOOR SHOWN. SEE SHEET 2 FOR U-BAR LOCATIONS ON DOORS WITH OTHER SECTION QUANTITIES AND SEE NOTES 1 AND 2 THIS SHEET FOR GLAZING OPTIONS.

B
SHEET 2

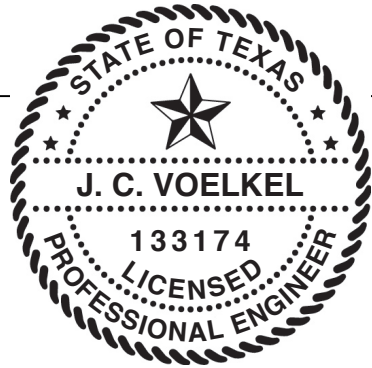
C
SHEET 2

D
TYP SHEET 2

E
SHEET 2



- REVISIONS**
- P1 REMOVED SECTION LIMITATION FOR STANDARD GLAZING GRT 5/9/08
 - P2 UPDATED TITLE BLOCK. GRT 3/26/12
 - P3 UPDATED TITLE BLOCK ESC 10/18/17
 - REV D UPDATED PRINT TO MATCH RECERT TESTING TLC 04/07/20
 - REV E ADDED IRC/IBC NOTE TLC 9/15/20
 - REV F ADDED THIRD PAGE FOR GLAZING INFO TLC 3/11/21



SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE		
MAX DOOR WIDTH	DOOR HEIGHT	MAX UNIFORM LOAD EACH JAMB (PLF)
14'-2"	ALL	+167.9/-188.4

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

<p>WAYNE DALTON GARAGE DOORS</p> <p>A DIVISION OF OVERHEAD DOOR CORP. 3395 ADDISON DRIVE PENSACOLA, FLORIDA 32514 (850) 474-9890</p>	STATIC PRESSURE RATINGS DESIGN (PSF): +23.70/-26.60 TEST (PSF): +35.55/-39.90 IMPACT/CYCLIC RATED (YES/NO): YES		APPROVED SIZES MAX WIDTH: 14'-2" MAX HEIGHT: 24'-1" MAX SECTION HEIGHT: 24"		SCALE: N.T.S. DATE: 9/6/07 CHECKED: 3/12/21	SIZE: A NAME: GRT TLC
	MODEL TS 150/200/200-20					
	WINDLOAD SPECIFICATION OPTION CODE 2131					
					SHEET 1 OF 3	REV. F

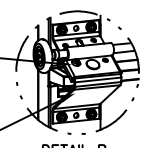
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1/4-20x9/16" TRACK BOLT AND 1/4-20 HEX NUT THROUGH THE SLOT IN THE TRACK AND TRACK CLIP



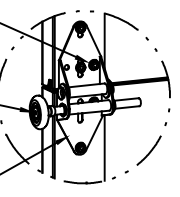
DETAIL A

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



DETAIL B

12 GA COMMERCIAL 'A' FRAME TOP BRACKET ATTACHED WITH (4) 1/4-20x11/16" SELF DRILLING SCREWS

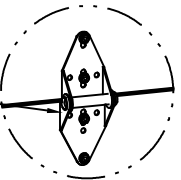


DETAIL C

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

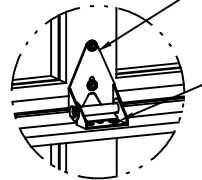
2" STEEL ROLLER WITH 5-1/8" STEM

14 GA WIDE BODY END HINGE TO ATTACH SECTIONS ONE AND TWO.
13 GA WIDE BODY END HINGE TO ATTACH REMAINING SECTIONS. FOR ALL, ATTACH WITH (4) 1/4-20x11/16" SELF DRILLING SCREWS



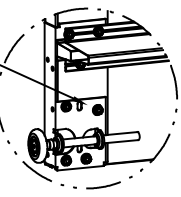
SOLID SECTION

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

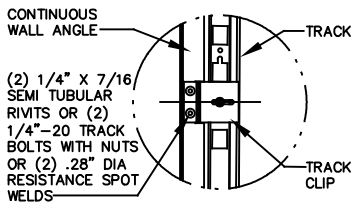


AFV SECTION

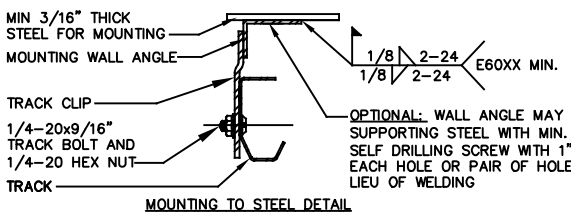
12 GA BOTTOM BRACKET ATTACHED WITH (6) 1/4-20x11/16" SELF DRILLING SCREWS



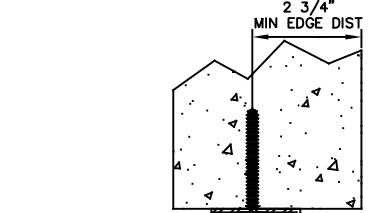
DETAIL E



DETAIL F



MOUNTING TO STEEL DETAIL



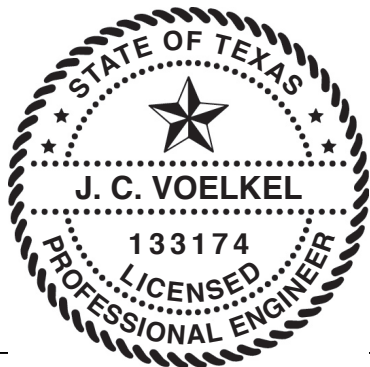
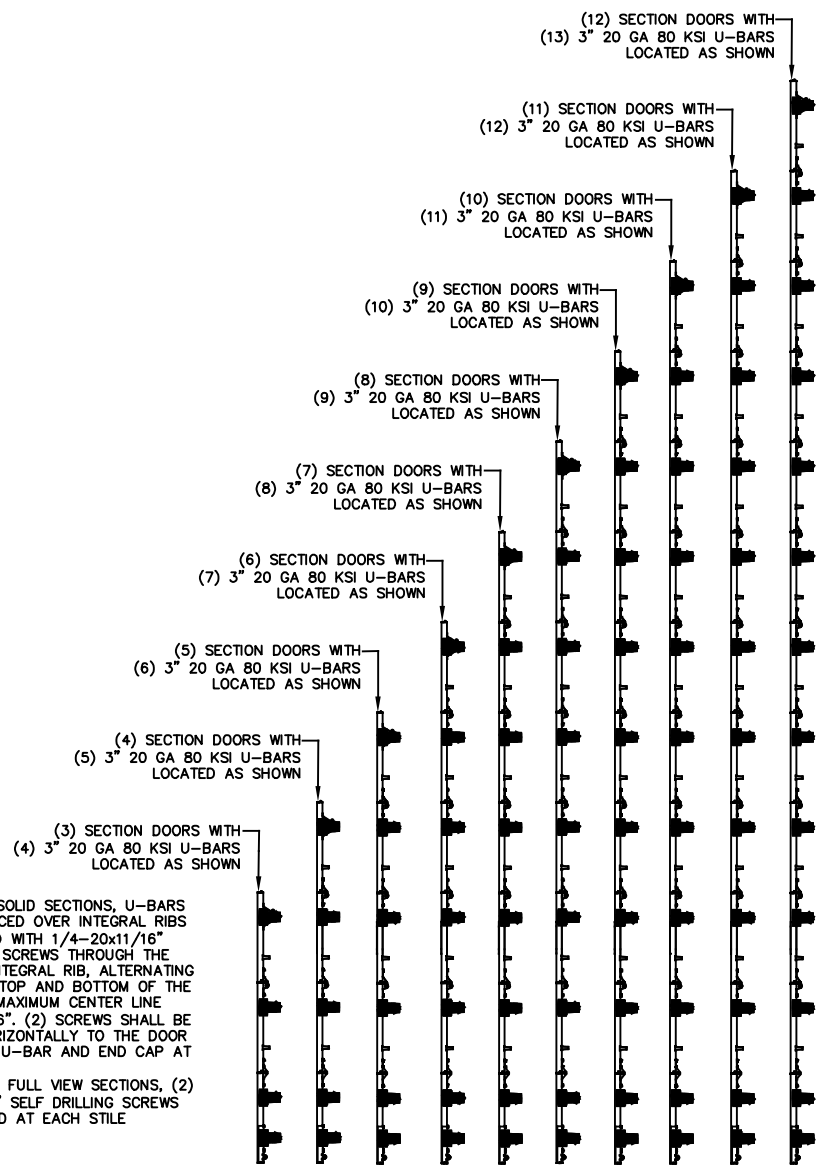
CONCRETE MOUNTING DETAIL

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

14 GA WIDE BODY HALF HINGE ATTACHED WITH (2) 1/4-20x11/16" SELF DRILLING SCREWS (UPPER HALF)
(2) 1/4x1/2" CARRIAGE BOLTS AND 1/4" FLANGE NUTS (LOWER HALF)

NOTE: FOR SOLID SECTIONS, 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.
FOR ALUMINUM FULL VIEW SECTIONS, (2) 1/4-20x11/16" SELF DRILLING SCREWS SHALL BE USED AT EACH STILE LOCATION.

U-BAR LOCATIONS



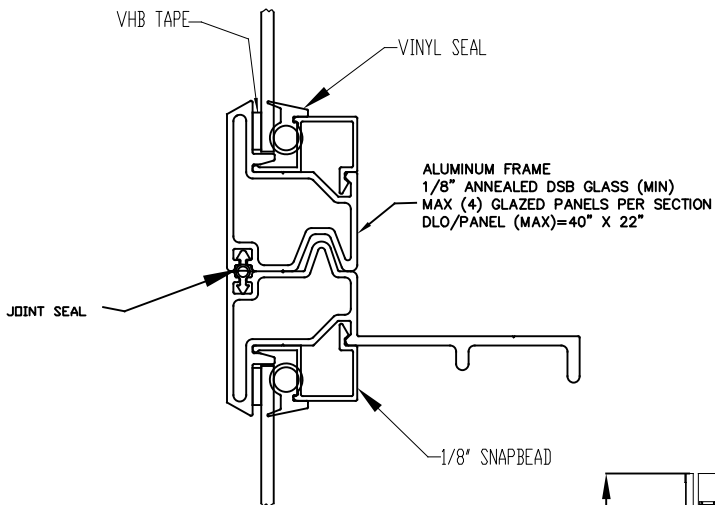
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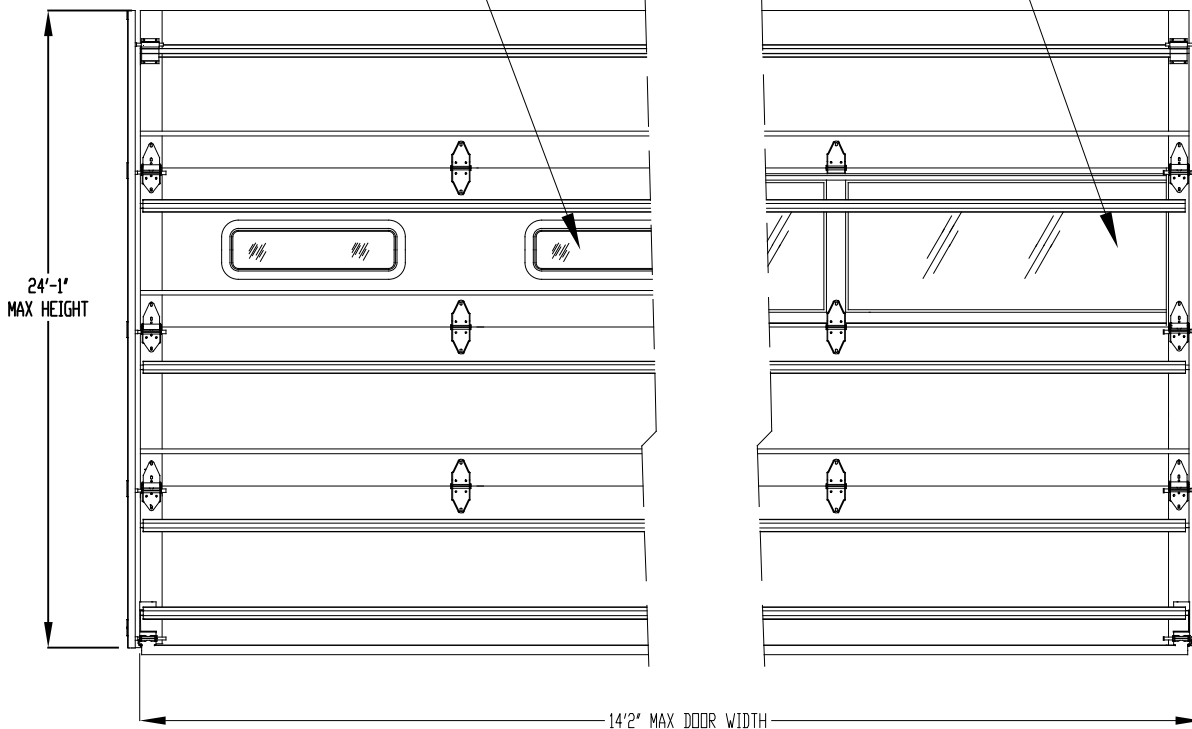
STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+23.70/-26.60	MAX WIDTH:	14'-2"	DATE	NAME		
TEST (PSF):	+35.55/-39.90	MAX HEIGHT:	24'-1"	DRAWN	9/6/07		
IMPACT/CYCLIC RATED (YES/NO):	YES	MAX SECTION HEIGHT:	24"	CHECKED	3/12/21		
MODEL TS 150/200/200-20				SHEET 2 OF 3			
WINDLOAD SPECIFICATION OPTION CODE 2131				DRAWING PART NO.		REV.	
				332630		F	



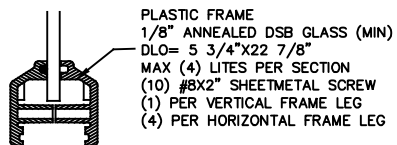
ALUMINUM FULL VIEW 1/8" GLAZING OPTION
 PLACEMENT RESTRICTIONS: SEE NOTE 2

1 OPTIONAL
 NON-IMPACT RESISTANT
 GLAZING OPTION

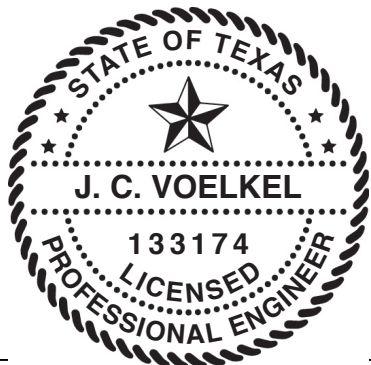
2 OPTIONAL
 NON-IMPACT RESISTANT
 FULL VIEW SECTION



INTERIOR DOOR ELEVATION DEPICTION
 TO DEMONSTRATE GLAZING PLACEMENT
 (4) SECTION DOOR SHOWN



NON-IMPACT RESISTANT GLAZING OPTION
 LOCATION RESTRICTIONS: SEE NOTE 1



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STATIC PRESSURE RATINGS		APPROVED SIZES	SCALE: N.T.S.	SIZE: A
DESIGN (PSF):	+23.70/-26.60	MAX WIDTH: 14'-2"	DATE	NAME
TEST (PSF):	+35.55/-39.90	MAX HEIGHT: 24'-1"	DRAWN	GRT
IMPACT/CYCLIC RATED (YES/NO):	YES	MAX SECTION HEIGHT: 24"	CHECKED	TLC
MODEL TS 150/200/200-20			SHEET 3 OF 3	
WINDLOAD SPECIFICATION OPTION CODE 2131			DRAWING PART NO.	REV.
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