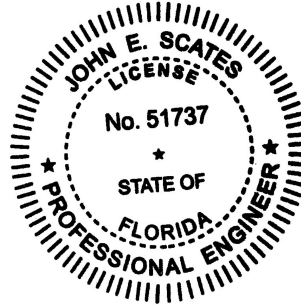


DOOR HEIGHT	SECTION QUANTITY	STRUT QUANTITY	TRACK BRACKETS PER SIDE
6'-0" to 7'-0"	4	8	4
7'-6" to 8'-9"	5	10	5
9'-0" to 10'-6"	6	12	6
10'-9" to 12'-3"	7	14	7
12'-6" to 14'-0"	8	16	8

DOOR WIDTH	DESIGN PRESSURE (PSF)	CENTER STILES
19'-0"	+25.1 / -27.8	8
20'-0"	+22.7 / -25.1	9

NOTE: MAXIMUM DOOR HEIGHT IS 14'. DETAIL VIEWS SHOWN ON SHEET 2. CONSULT SHEET 3 FOR STRUT PLACEMENT.

MODEL NUMBERS AVAILABLE
400 SERIES



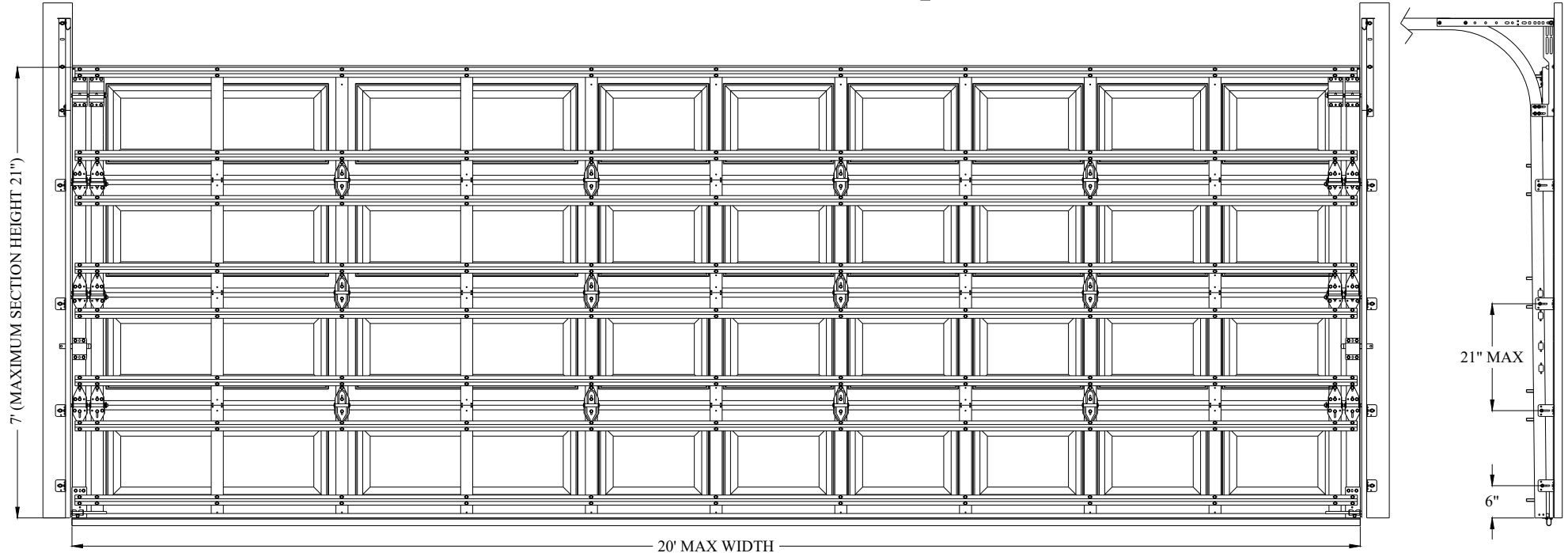
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



Digitally signed by John E Scates
Date: 2026.02.13 10:54:14 -08'00'

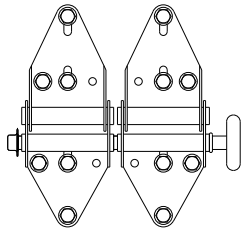
JOHN E. SCATES, PE
8811 TEEL PARKWAY STE 100-5175
FRISCO, TX 75036-4428
FL PE 51737
TX PE 56308 / F-2203



GENERAL NOTES:

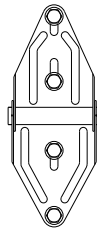
1. THIS PRODUCT HAS BEEN EVALUATED PER ANSI/DASMA 108.
2. THIS DRAWING PROVIDES WIND LOAD ASSEMBLY DETAILS FOR THE CLAIMED SIZE AND PRESSURES.
3. MODIFIED CENTER STILES TO BE USED WHEN PLACED OVER LONG PANEL STAMPS. SEE MANUFACTURER FOR DETAILS.

MAX SIZE: 20' X 14' DESIGN PRESSURE: +22.7/-25.1 PSF	doorLink MANUFACTURING, INC.®	DESCRIPTION: WIND LOAD RATED RESIDENTIAL PAN SECTIONAL GARAGE DOOR 20' WIDE 400 SERIES DOORS		
	5700 NW 39TH STREET RIVERSIDE, MO 64150	DRAWING NUMBER: RO20A_22.7_25.1		REV: 00
		DRAWN BY: DMK	DATE DRAWN: 2/2/2026	REV DATE: 2/2/2026
		SIZE: ANSI A	SCALE: NTS	SHEET: 1 of 3

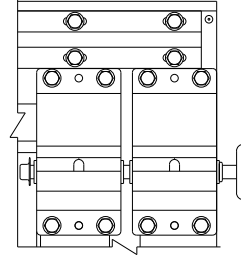


END HINGE
14 GAUGE GALVANIZED STEEL DOUBLE END HINGE ATTACHED WITH SIX 1/4" X 5/8" SELF-TAPPING SCREWS.

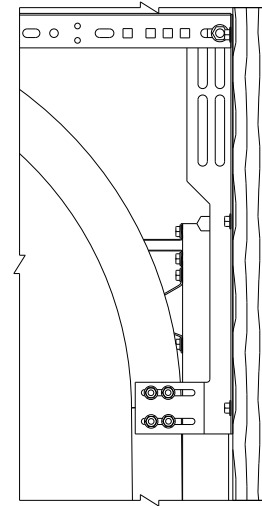
ROLLER
MINIMUM 10 BALL LONG STEM STEEL ROLLER OR 11 BALL NYLON LONG STEM ROLLER WITH 7" STEM AND PUSH NUTS ON ALL HINGE ROLLERS.



CENTER HINGE
18 GAUGE GALVANIZED WIDE BODY HINGE ATTACHED WITH FOUR 1/4" X 5/8" SELF-TAPPING SCREWS.



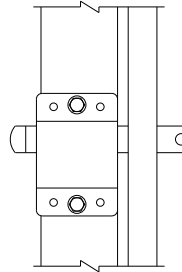
TOP FIXTURE
12 GAUGE GALVANIZED STEEL DOUBLE TOP FIXTURE ATTACHED TO DOOR WITH FOUR 1/4" X 5/8" SELF-TAPPING SCREWS EACH. PUSH NUT REQUIRED ON ROLLER.



FLAG BRACKET
12 GAUGE GALVANIZED STEEL FLAG BRACKET ATTACHED TO WOOD JAMB WITH THREE 5/16" X 1-5/8" WOOD LAG SCREWS AND TO THE HORIZONTAL AND VERTICAL TRACKS WITH TWO 1/4" X 3/4" TRACK BOLTS AND NUTS EACH.

HORIZONTAL TRACK AND ANGLE
HORIZONTAL TRACK AND ANGLE TO SUIT WITH SUITABLE BACK HANG.

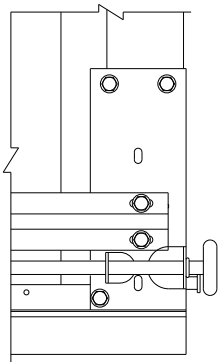
VERTICAL TRACK
2" GALVANIZED STEEL TRACK WITH A MINIMUM THICKNESS OF .062".



LOCKING MECHANISM
DOOR MUST HAVE LOCKING DEVICES INSTALLED THAT ENGAGE BOTH VERTICAL TRACKS ATTACHED TO DOOR WITH TWO 1/4" X 5/8" SELF-TAPPING SCREWS EACH (INSIDE SLIDE LOCK SHOWN, OTHER LOCKBAR TYPES PERMITTED).

STOP MOLDING

STOP MOLDING (ATTACHED WITH MINIMUM 4D HEADED NAILS OR SCREWS) IS REQUIRED, OR DOOR MUST OVERLAP JAMBS BY 5/16". MAXIMUM 6" NAIL SPACING.



END AND CENTER STILES
20 GAUGE GALVANIZED STEEL STILES ATTACHED TO SECTION WITH TWO RIVETS OR TWO #8 X 1/2" PAN HEAD SHEET METAL SCREW ON EACH END.

BOTTOM BRACKET
12 GAUGE GALVANIZED STEEL BOTTOM BRACKET ATTACHED WITH FOUR 1/4" X 5/8" SELF-TAPPING SCREWS (PUSH NUT NOT REQUIRED ON ROLLER).

BOTTOM WEATHERSTRIP
ALUMINUM EXTRUSION WITH VINYL INSERT.

WOOD JAMBS

VERTICAL JAMBS ARE TO BE 2X6 #2 SOUTHERN YELLOW PINE (SYP) OR BETTER. REFER TO DASMA TDS 161 OR A LICENSED DESIGN PROFESSIONAL FOR JAMB CONFIGURATIONS.

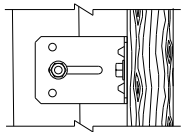
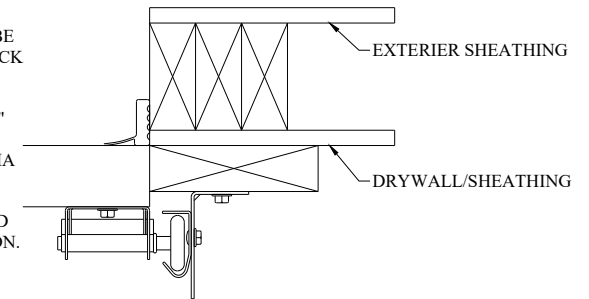
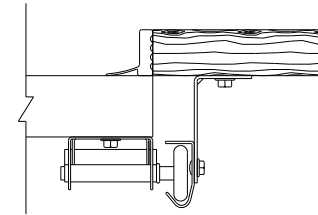
NOTE: PREPARATION OF JAMBS BY OTHERS, AND SUPPORTING STRUCTURAL ELEMENTS MUST BE CAPABLE OF WITHSTANDING THE RATED WIND LOAD.

DRYWALL PRESENT

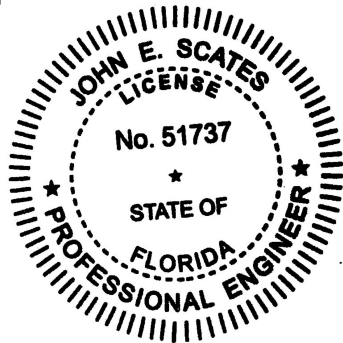
IF INTERIOR DRYWALL IS PRESENT AT THE OPENING, THREE OPTIONS EXIST:
(1) DRYWALL CAN BE CUT AWAY FROM THE DOOR OPENING TO ACCOMMODATE DIRECT TO STRUCTURE MOUNTING.

(2) IF DRYWALL IS NOT CUT AWAY, A 2X6 #2 SPF OR BETTER WOOD BUCK SHALL BE INSTALLED OVER THE DRYWALL. HOWEVER, THE FASTENERS FOR THE WOOD BUCK SHOULD BE OF INCREASED LENGTH TO ACCOUNT FOR THE THICKNESS OF THE DRYWALL TO ENSURE CORRECT EMBEDMENT INTO THE STRUCTURAL FRAMING MEMBER. IF MOUNTING TO WOOD, 3/8" X (3"+ DW THICKNESS) LAG SCREWS ON 24" CENTERS W/ 1-1/8" OD WASHER. LAG SCREWS MAY BE COUNTERSUNK (NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SERVICE. PLEASE REFERENCE DASMA TDS #164.

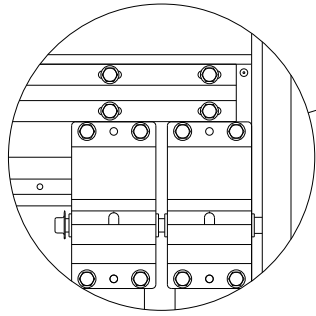
(3) IF MOUNTING DIRECT TO WALLBOARD, THE TRACK FASTENER MUST BE OF INCREASED LENGTH TO ACCOUNT FOR THE THICKNESS OF THE WALLBOARD, AND CARE SHOULD BE TAKEN TO NOT CRUSH THE WALLBOARD DURING INSTALLATION.



TRACK BRACKETS
2 1/4" WIDE X 12 GAUGE GALVANIZED STEEL TRACK BRACKET ATTACHED TO WOOD JAMB WITH ONE 5/16" X 1 5/8" WOOD LAG SCREW AND TO VERTICAL TRACK WITH ONE 1/4" X 3/4" TRACK BOLT AND NUT. NOTE: CENTER DISTANCE BETWEEN TRACK BRACKETS NOT TO EXCEED 21". REFERENCE PAGE 1 FOR SPACING

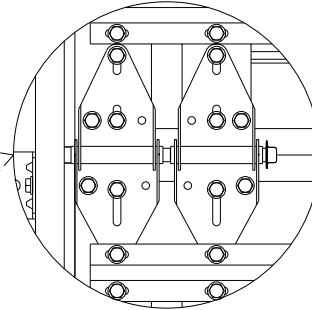


MAX SIZE: 20' X 14' DESIGN PRESSURE: +22.7/-25.1 PSF	 MANUFACTURING, INC.	DESCRIPTION: WIND LOAD RATED RESIDENTIAL PAN SECTIONAL GARAGE DOOR 20' WIDE 400 SERIES DOORS		
		DRAWING NUMBER: RO20A_22.7_25.1		REV: 00
		DRAWN BY: DMK	DATE DRAWN: 2/2/2026	REV DATE: 2/2/2026
		SIZE: ANSI A	SCALE: NTS	SHEET: 2 of 3

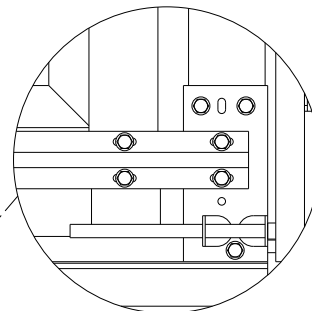


STRUT INSTALLED
ABOVE TOP FIXTURE

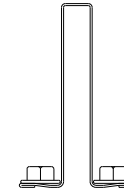
STRUT INSTALLED ABOVE
TOP OF HINGE



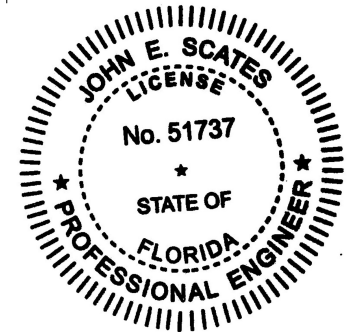
STRUT INSTALLED OVER
BOTTOM HALF OF HINGE



STRUT INSTALLED OVER
BOTTOM FIXTURE.



STRUTS
3" X 1 7/8" 16 GAUGE
33 KSI HAT STRUT ATTACHED
WITH TWO 1/4" X 5/8"
SELF-TAPPING SCREWS PER
STILE.



4 SECTIONS
8 STRUTS

5 SECTIONS
10 STRUTS

6 SECTIONS
12 STRUTS

7 SECTIONS
14 STRUTS

8 SECTIONS
16 STRUTS

MAX SIZE: 20' X 14' DESIGN PRESSURE: +22.7/-25.1 PSF		DESCRIPTION: WIND LOAD RATED RESIDENTIAL PAN SECTIONAL GARAGE DOOR 20' WIDE 400 SERIES DOORS		
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		SIZE: ANSI A	SCALE: NTS	SHEET: 3 of 3