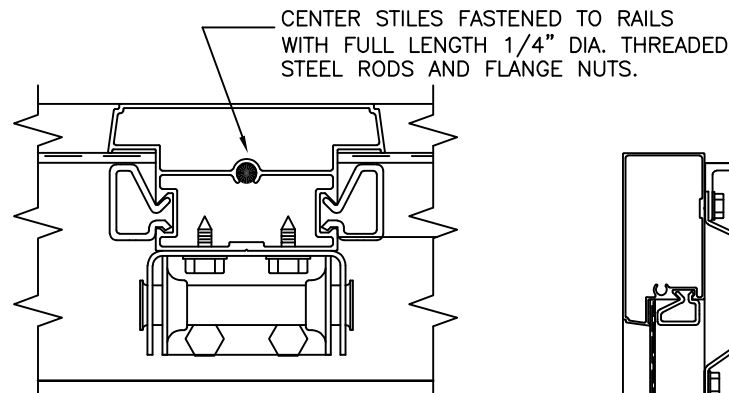
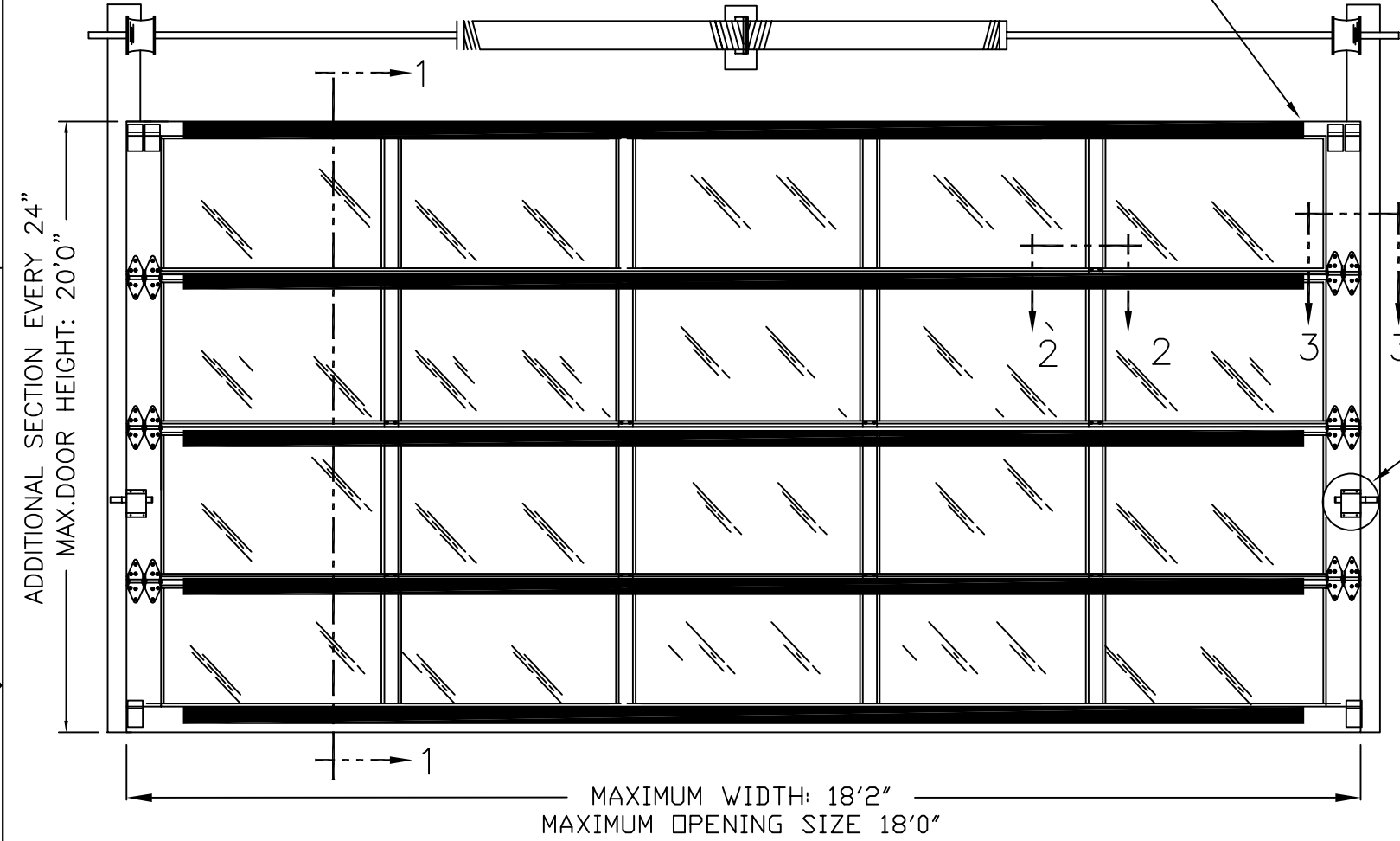


BRAND	MODEL
CLOPAY	904, 904U, AX, AXU
IDEAL	C4AL, C4ALU

3"x2"x1/4" ALUMINUM L-ANGLE.
TOP OF EACH SECTION, PLUS ONE
EXTRA ON BOTTOM OF DOOR.

SHEET:
1 OF 3

REVISIONS						DESCRIPTION
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:		
00	ALL	9/21		MWW		INITIAL RELEASE
01	P. 2	8/22		MWW		ADDED 2" WINDCODE TRACK
02	P. 2	10/24		JDW		ADDED IMPACT RESISTANT GLAZING



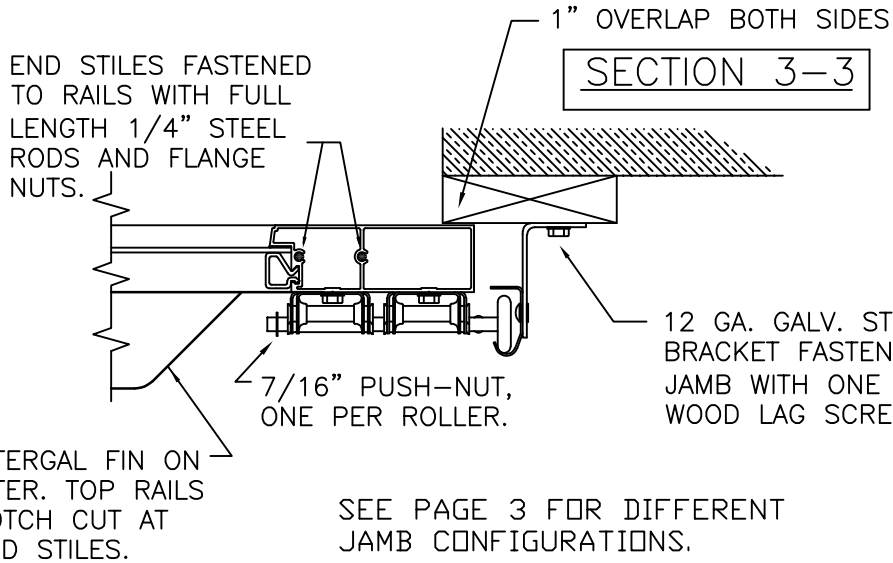
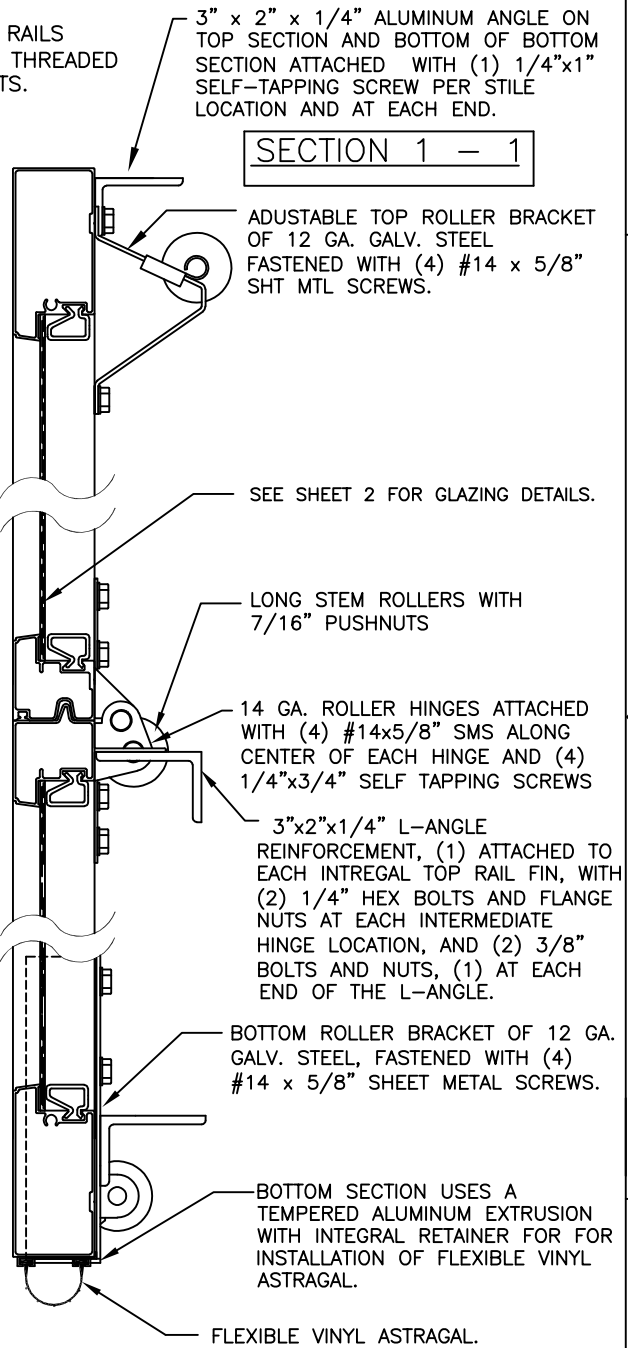
CENTER HINGES
ATTACHED TO INTERM. BOTTOM RAIL WITH
(2) #14x5/8" SMS AND TO FIN ON
INTERM. TOP RAIL WITH (2) 1/4"-20x1"
HEX HEAD MACHINE SCREWS AND NUTS.

SECTION 2 - 2

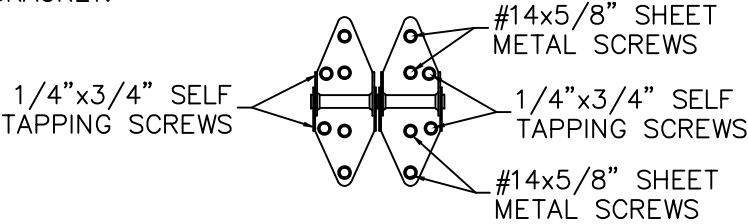
SECTIONS PER DOOR HEIGHT	
UP TO 6'0"	3
FROM 6'1" TO 8'0"	4
FROM 8'1" TO 10'0"	5
FROM 10'1" TO 12'0"	6
FROM 12'1" TO 14'0"	7
FROM 14'1" TO 16'0"	8
FROM 16'1" TO 18'0"	9
FROM 18'1" TO 20'0"	10

MODEL 904 (6063-T5 ALUMINUM):
TOP RAIL MIN THK 0.075"
STD END STILE MIN THICK 0.075"
STD BTM RAIL MIN THK 0.075"
CENTER STILE PMIN THK 0.075"
INTER. TOP RAIL MIN THK 0.062" W/ 0.100" FIN
INTER. BOTTOM RAIL MIN THK 0.062"

REINFORCEMENT:
3"x2"x1/4" L-ANGLE
6061 ALUMINUM



14 GAUGE DOUBLE END
ROLLER HINGE FASTENERS



DESIGN LOADS: +36.0, -40.0 PSF
TEST LOADS: +54.0, -60.0 PSF

Clopay CORPORATION		8585 Duke Boulevard Mason, OH 45040 USA Tel. No. 513-770-4800 Fax No. 513-770-4853	CLOPAY WINDLOAD RATING W6
DESCRIPTION: M/N 904 18' WIDE +36/-40 PSF			
DRAWN BY: MWW	DATE: 9/30/21	SCALE:	DWG. SIZE B
CHECKED BY:	DATE:	SHEET 1 OF 3	
DWG. NO.: 105827	VERSION: A/B		

DESIGN ENGINEER:
JAMES D. WHEELER, P.E.
FLORIDA P.E. #91932, SC P.E. #23918

BRAND	MODEL
CLOPAY	904, 904U, AX, AXU
IDEAL	C4AL, C4ALU

SHEET: 2 OF 3	REVISIONS					
	REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
	--	--	--	--	--	SEE PAGE 1 FOR REVISION DETAILS

IMPACT RESISTANT ASSEMBLY DETAILS
DRAWING 105827-A

IMPACT-RESISTANT CONSTRUCTION:
DOORS WITH 5/16" GLAZING (NOMINAL) CONSISTING OF (2) LAYERS OF ANNEALED DSB GLASS AND (1) 0.090" KURARAY INTERLINER AND HELD IN PLACE WITH A COMPOSITE SNAP-IN BEAD ATTACHED WITH #8X1" TEK SCREWS NOT TO EXCEED 12" ON CENTER SPACING ARE IMPACT-RESISTANT.
THE ENTIRE DOOR ASSEMBLY INSTALLED IN COMPLIANCE WITH THIS DRAWING MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE AND INTERNATIONAL BUILDING CODE AND MEETS THE IMPACT-RESISTANT REQUIREMENTS (REF. CHAPTER 16 FBC/IBC).
DOORS WITH IMPACT RESISTANT GLAZING MUST HAVE 3" TRACK.

STANDARD ASSEMBLY DETAILS
DRAWING 105827-B

STANDARD ASSEMBLY CONSTRUCTION:
GLAZING CAN BE 1/8" DSB, TEMPERED, ACRYLIC, OR 1/4" GLAZING, OR 1/2" INSULATED OR INSULATED TEMPERED, 0.050" ALUMINUM PANEL, OR 5/8" TRIPLE WALL POLYGAL. EACH PANEL HELD WITH PERIMETER COMPOSITE SNAP-IN BEAD.
THE ENITRE DOOR ASSEMBLY INSTALLED IN COMPLIANCE WITH THIS DRAWING MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE AND INTERNATIONAL BUILDING CODE BUT DOES NOT MEET THE IMPACT RESISTANT REQUIREMENT FOR WINDBORNE DEBRIS REGIONS (REF. CHAPTER 16 FBC/IBC).
DOORS WITH STANDARD GLAZING MAY HAVE EITHER 2" OR 3" TRACK.

DESIGN ENGINEER:
JAMES D. WHEELER, P.E.
FLORIDA P.E. #91932, SC P.E. #23918

DESIGN LOADS: +36.0, -40.0 PSF TEST LOADS: +54.0, -60.0 PSF		CLOPAY WINDLOAD RATING W6	
DESCRIPTION: M/N 904 18' WIDE +36/-40 PSF			
DRAWN BY: MWW		DATE: 9/30/21	SCALE:
CHECKED BY:		DATE:	SHEET 2 OF 3
DWG. NO.: 105827		VERSION: A/B	

DWG. SIZE **B**

BRAND	MODEL
CLOPAY	904, 904U, AX, AXU
IDEAL	C4AL, C4ALU

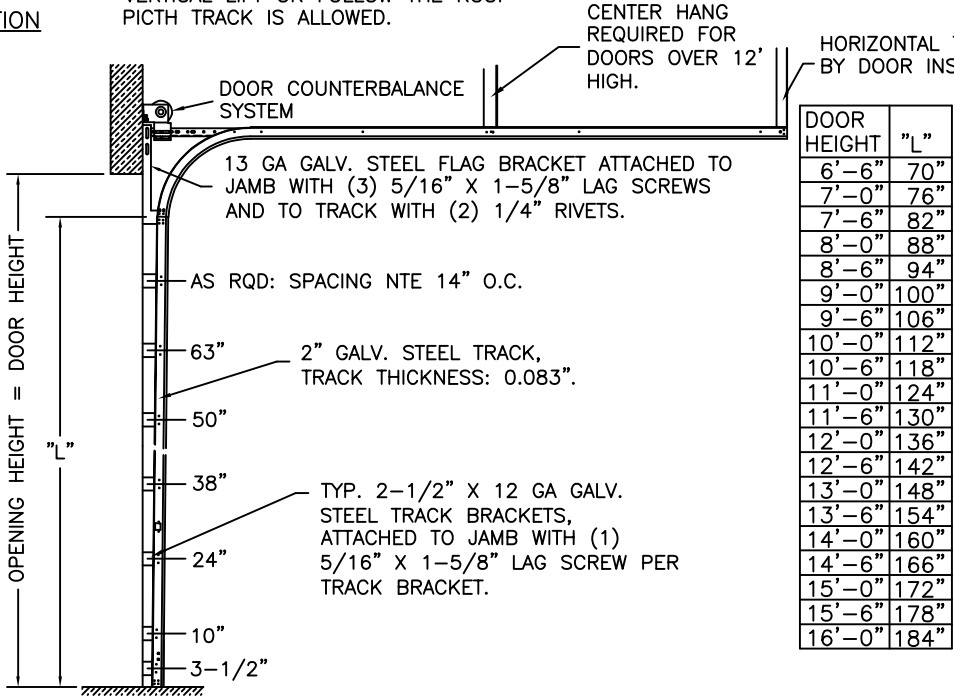
SHEET:		REVISIONS				
3 OF 3		REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:
		--	--	--	--	--
		DESCRIPTION				
		SEE PAGE 1 FOR REVISION DETAILS				

PREPARATION OF JAMBS BY OTHERS

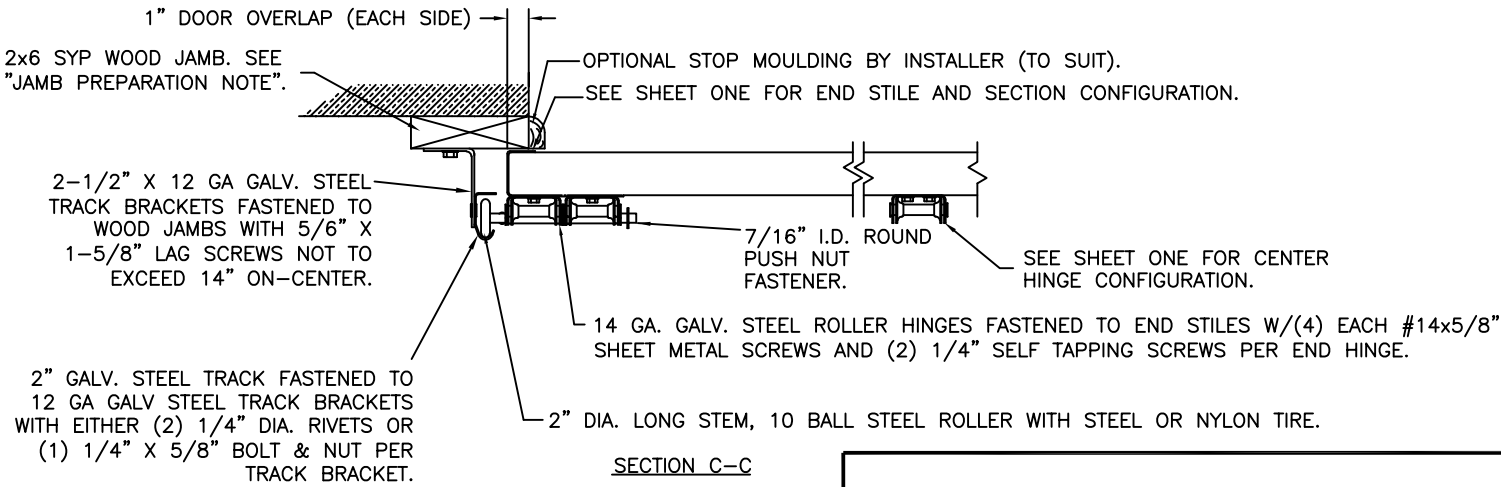
JAMB NOTE: FOR JAMB TYPES AND JAMB ATTACHMENT FASTENER INFORMATION (INCLUDING FASTENER TYPE, SIZE AND SPACING) TO THE SUPPORTING STRUCTURE USE DASMA TDS-161. DESIGN OF THE SUPPORTING STRUCTURURAL ELEMENTS SHALL BE THE RESPONSILTY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

2" TRACK CONFIGURATION

NOTE: HORIZONTAL TRACK CONFIGURATION ABOVE THE DOOR OPENING DOES NOT AFFECT THE WIND LOAD RATING OF THIS DOOR. STANDARD LIFT, LOW HEADROOM, HIGH LIFT, VERTICAL LIFT OR FOLLOW THE ROOF PICTH TRACK IS ALLOWED.



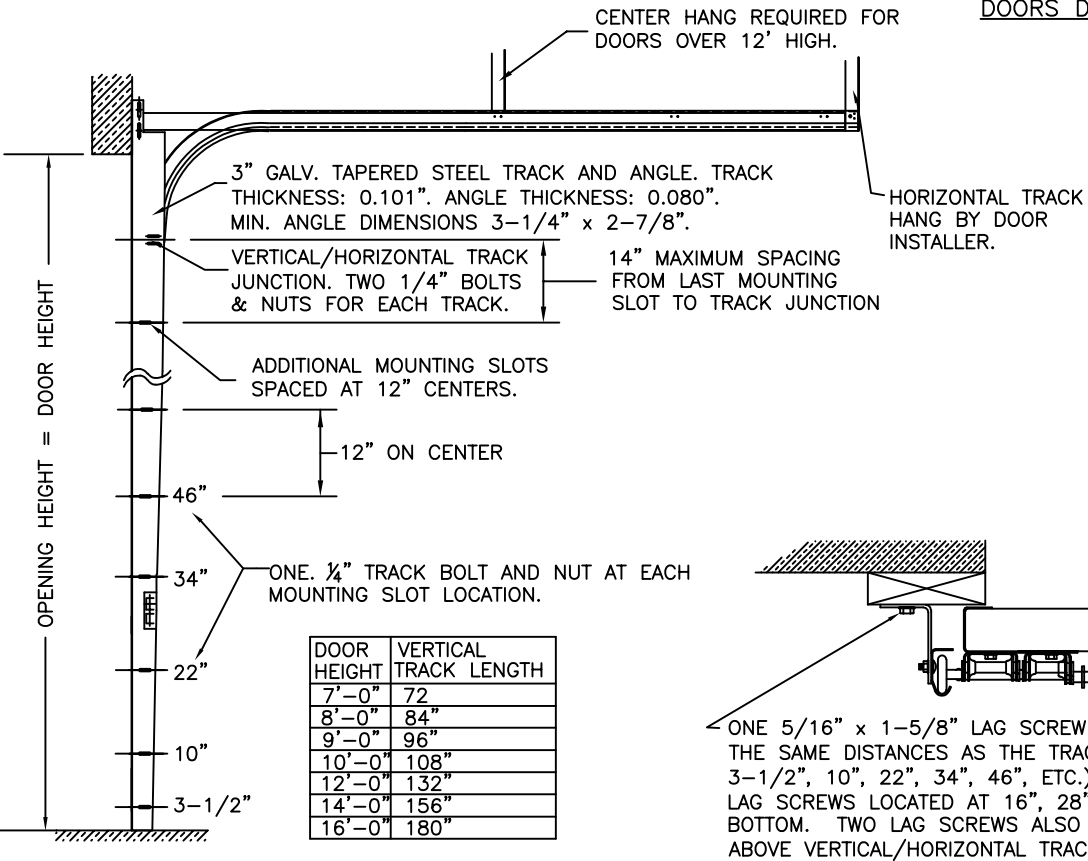
JAMB CONFIGURATION DOORS WITH 2" TRACK.



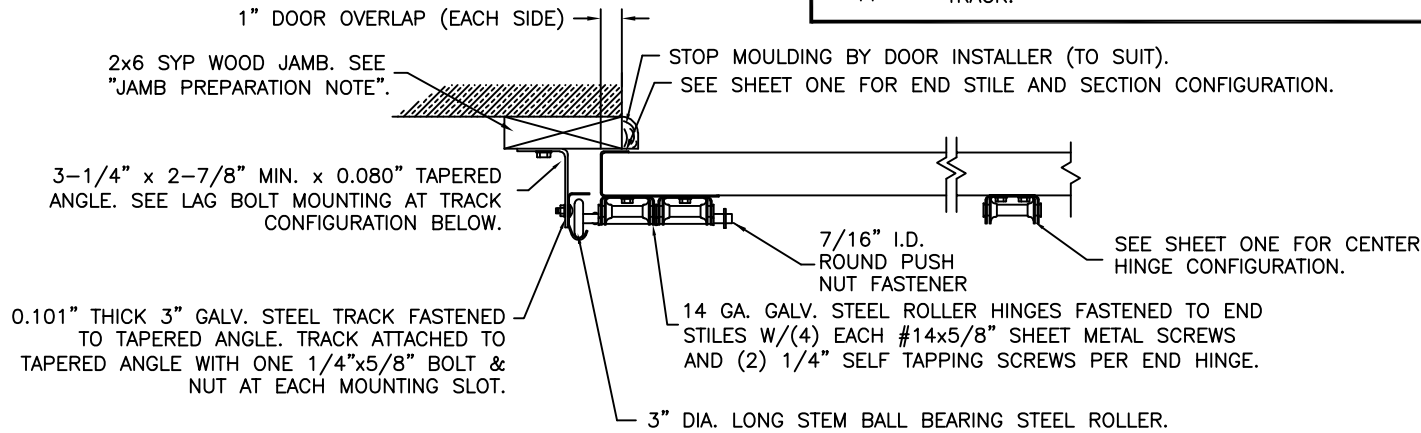
SECTION C-C

3" TRACK CONFIGURATION

NOTE: HORIZONTAL TRACK CONFIGURATION ABOVE THE DOOR OPENING DOES NOT AFFECT THE WIND LOAD RATING OF THIS DOOR.

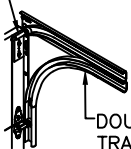


JAMB CONFIGURATION DOORS WITH 3" TRACK.



SECTION C-C

LHR BRACKET (2-1/2" x 5-3/4" x 12GA) ATTACHED WITH (2) 1/4" x 3/4" SELF TAPPING SCREWS.



DOUBLE TRACK LOW HEADROOM OPTION (AVAIL. FOR BOTH 2" AND 3" TRACK)

DESIGN LOADS: +36.0, -40.0 PSF
TEST LOADS: +54.0, -60.0 PSF

DESIGN ENGINEER:
JAMES D. WHEELER, P.E.
FLORIDA P.E. #91932, SC P.E. #23918

Clopay CORPORATION		8585 Duke Boulevard Mason, OH 45040 USA Tel. No. 513-770-4800 Fax No. 513-770-4853	CLOPAY WINDLOAD RATING W6
DESCRIPTION:		M/N 904 18' WIDE +36/-40 PSF	
DRAWN BY: MWW	DATE: 9/30/21	SCALE:	DWG. SIZE B
CHECKED BY:	DATE:	SHEET 3 OF 3	
DWG. NO.: 105827	VERSION: A/B		