

MAX 16'-2" WIDE 18'-0" HIGH

REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
10	-	11/2005	-	-	ADDED OPTIONAL NYLON TIRE ROLLER.
11	-	11/2008	-	-	ADDED MPC, WELDED JAMB ATTACHMENT.
12	-	02/2012	-	-	UPDATED WINDCODE CHART.
13	-	08/2012	-	-	REVISED FOR TDI.
14	-	06/2013	-	-	REMOVED ACRYLIC/WIRE GLAZING OPTION. SPECIFIED FV DIMENSIONS.
15	-	08/2016	-	-	REMOVED WIND SPEED TABLE.
16	-	02/2022	-	-	REVISED FOR TDI.

HORIZONTAL TRACK END HANGER BRACKET (SUPPLIED BY DOOR INSTALLER) CLOSES ROLLER CHANNEL. INTERMEDIATE HANGER REQ'D FOR DOORS IF HORIZONTAL TRACK DEFLECTION EXCEEDS 1/240TH OF DOOR HEIGHT

NOTE: DOUBLE TRACK LOW HEADROOM, HI-LIFT TRACK FOLLOW-THE-ROOF TRACK, AND VERTICAL LIFT TRACK ARE AVAILABLE OPTIONS. 3" TRACK ALSO AVAILABLE.

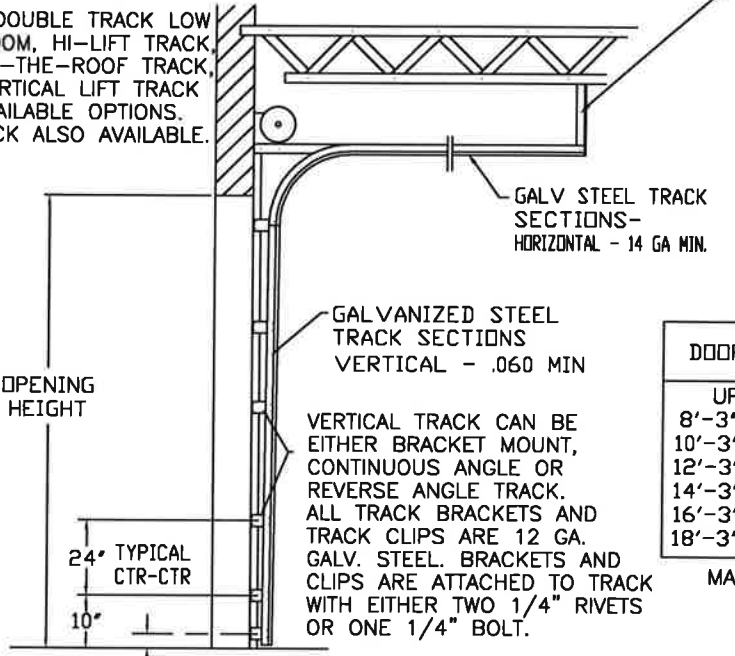
MODELS AVAILABLE (CLOPAY/ HOLMES/ IDEAL)  
 MODELS 524, 520/ 224/ C4ST, C0ST  
 INSULATED MODELS 524S, 520S, 524V/ 224S/ C4SS, C0SS, C4SV

THE OPTIONAL GLAZING SHOWN ON THIS DRAWING MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE OR INTERNATIONAL BUILDING CODE BUT DOES NOT MEET THE IMPACT RESISTANT REQUIREMENT FOR WINDBORNE DEBRIS REGIONS (REF. CHAPTER 16 FBC/IBC)

THIS PRODUCT COMPLIES WITH THE 2018 IBC/IRC.

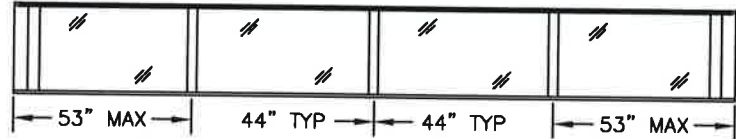
SECTIONS ARE 1-7/8" THK PANELS ROLL FORMED OF .022" MIN. HOT DIPPED GALVANIZING, ROLL FORMED STEEL.

ADJUSTABLE TOP ROLLER BRACKET OF 12 GA. GALV. STEEL, INSTALLED ON DOOR WITH (4) #14 X 5/8" LG SHEET METAL SCREWS  
 2" 10 BALL LONG STEM STEEL ROLLER WITH STEEL OR NYLON TIRE



DOOR HEIGHT 'A'	NUMBER OF SECTIONS
UP TO 8'-0"	4
8'-3" THRU 10'-0"	5
10'-3" THRU 12'-0"	6
12'-3" THRU 14'-0"	7
14'-3" THRU 16'-0"	8
16'-3" THRU 18'-0"	9
18'-3" THRU 20'-0"	10

MAX. SECTION HEIGHT: 24"



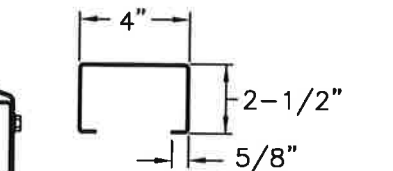
OPTIONAL ALUMINUM FULL VISION WINDOW LITE SECTIONS AVAILABLE, SINGLE PANE OR INSULATED. ALL PANES ANNEALED GLASS OR STRONGER. SINGLE PANES 3/8" OR THICKER. INSULATED WINDOWS 1/2" THICK, CONSISTING OF (2) PANES 3/8" THICK. FULL VISION SECTIONS TO HAVE 2" X 2" X 1/8" L-ANGLE HORIZONTAL REINFORCEMENT, ATTACHED TO THE REINFORCING RIB WITH 4" X 6" OFFSET PLATES AT EVERY HINGE LOCATION AND THE CENTER OF EACH PANEL WITH (2) 1/4"-20 X 5/8" HEX HEAD BOLTS AND NUTS. MAXIMUM DLO: 50" X 21-3/4".

OPTIONAL INSULATION (SEE MODEL EXPLANATION)

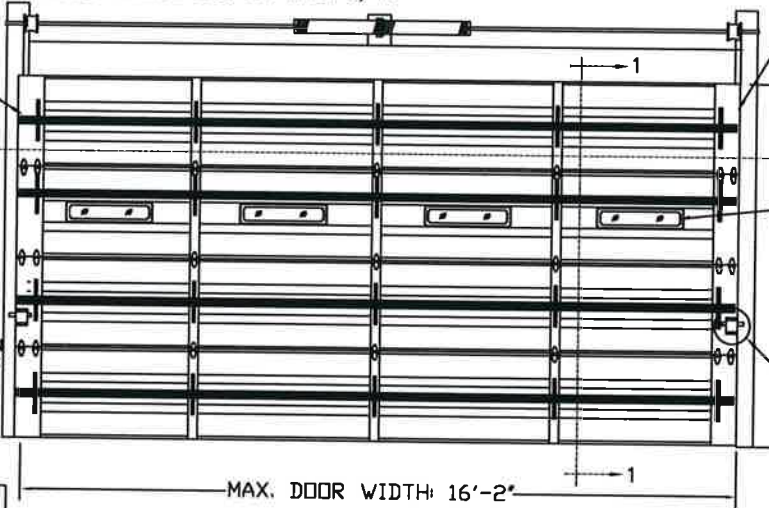
ONE 4" 16GA. C-CHANNEL PER DOOR SECTION. (1) 1/4" X 3/4" SELF TAPPING SCREW PER STILE. (SEE VIEW 'D')

1-1/4" WIDE X 16 GA. GALV. STRAP. (5) PER DOOR SECTION. EACH STRAP ATTACHED WITH (3) 1/4" X 3/4" SELF TAPPING SCREWS. TWO SCREWS TO DOOR, ONE SCREW TO C-CHANNEL.

END HINGES OF MIN. 14 GA. GALV. STEEL, FASTENED WITH (4) #14 X 5/8" LG. SHT. MTL. SCREWS AND (2) 1/4" X 3/4" SELF-TAPPING SCREWS.



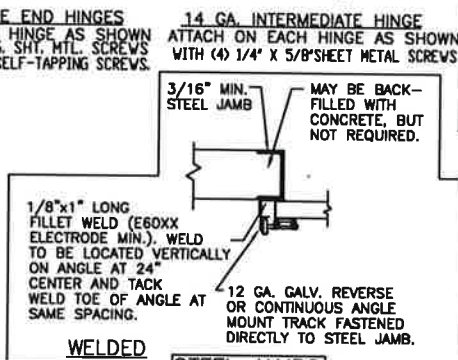
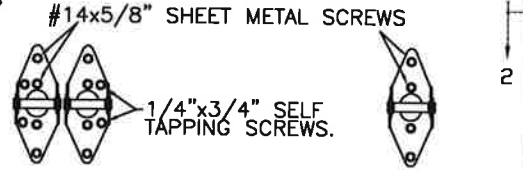
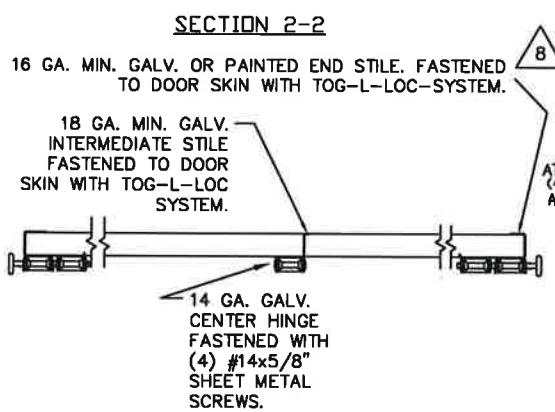
DOUBLE END STILES  
 OPTIONAL SINGLE PANE OR INSULATED WINDOW LITES. ALL PANES ANNEALED GLASS OR STRONGER. SINGLE PANES 3/8" OR THICKER. INSULATED WINDOWS 1/2" THICK, CONSISTING OF (2) PANES 3/8" THICK. FRAMES SECURED WITH QTY. (10) #8-11 CROSS RECESSED PAN HEAD, TYPE A TAPPING SCREW WITH (3) SCREWS ON EACH HORIZONTAL EDGE AND (2) ON EACH VERTICAL EDGE. SCREW LENGTH 1-1/2" FOR INSULATED DOORS AND 0.75" FOR UNINSULATED DOORS. MAXIMUM DLO 21-1/4" X 3-1/4".  
 TWO POINT LOCKING REQ'D



DOOR WIDTH	NUMBER OF CENTER STILES	NUMBER OF C-CHANNEL STRAPS
12'-3" THRU 13'-2"	2	4
13'-3" THRU 16'-2"	3	5

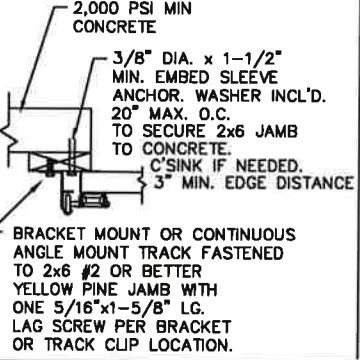
SECTION 1 - 1

STANDARD-LIFT TRACK DETAILS

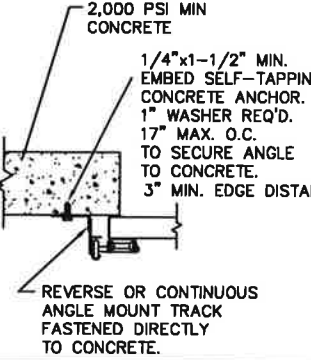


ANCHOR NOTE: FIRST (BOTTOM) ANCHOR STARTING AT NO MORE THAN HALF OF THE MAXIMUM ON-CENTER DISTANCE. HIGHEST ANCHOR INSTALLED AT LEAST AS HIGH AS THE DOOR OPENING.

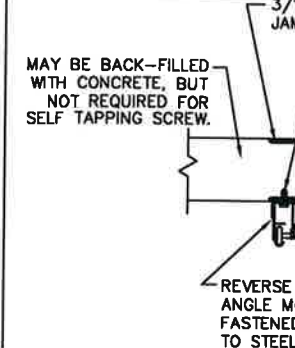
WOOD JAMB ON CONCRETE



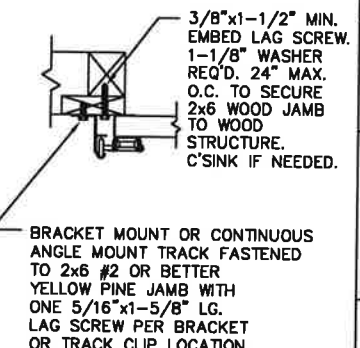
CONCRETE JAMBS



SELF-TAPPING SCREWS



WOOD JAMBS



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THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS IS THE RESPONSIBILITY OF THE BUILDING ENGINEER OR ARCHITECT OF RECORD.

BOTTOM SECTION REINFORCED WITH TEMPERED ALUMINUM EXTRUSION WITH INTEGRAL RETAINER FOR FLEXIBLE WIND ASTRAGAL

Unless Stated Otherwise TOLERANCES  
 .00 = ±.015  
 .000 = ±.005  
 .0000 = ±.001  
 Degrees = ±1/2"

CLOPAY CORP. ALL RIGHTS RESERVED.

DESIGN LOADS: +25 & -25 P.S.F. TEST LOADS +37.5 & -37.5 P.S.F.

8585 Duke Boulevard Mason, OH 45040 USA Tel. No. 513-770-4800 Fax No. 513-770-4853

MANUFACTURING PRODUCT CODE: MPC: C-PAN-1E448

CLOPAY WINDLOAD RATING W4

DESCRIPTION: COMMERCIAL RIBBED DOOR, +/- 25 PSF DESIGN LOAD

DRAWN BY: RJK DATE: 4/04/99 SCALE: NOTED DWG. SIZE B  
 CHECKED BY: MWW DATE: 4/99 SHEET 1 OF 1

DWG. NO.: 101886 VER: TDI