

REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
09	-	10/2005	-	-	ADDED ROLLER OPTION.
10	-	11/2008	-	-	ADDED MPC; UPDATED JAMB ATTACHMENTS.
11	-	02/2012	-	-	UPDATED WINDCODE CHART.
12	-	08/2012	-	-	REVISED FOR TDI.
13	-	06/2013	-	-	REMOVED ACRYLIC/WIRE GLAZING. SPECIFIED FV DIMENSIONS.
14	-	08/2016	-	-	REMOVED WIND SPEED TABLE.
15	-	02/2022	-	-	REVISED FOR TDI.

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

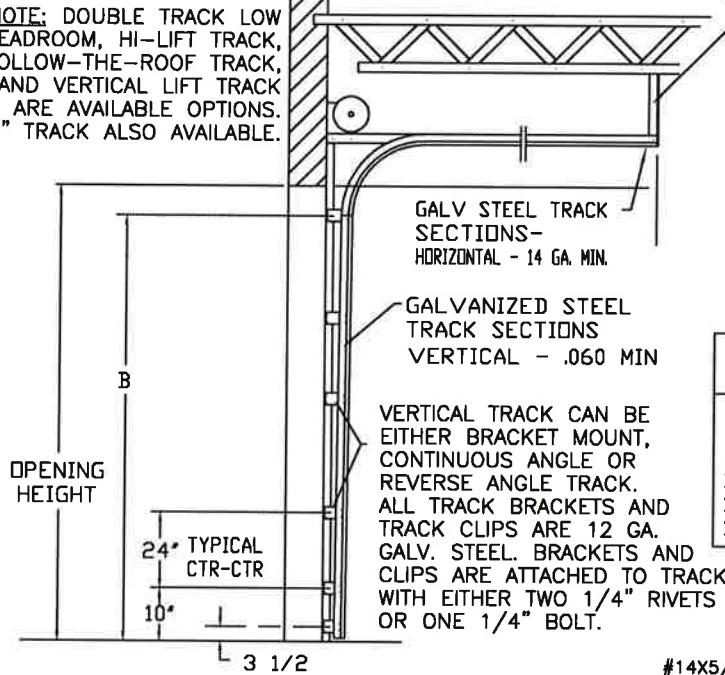
UP TO 12'-2" WIDE X 18'-0" HIGH

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)  
 NON-INSULATED MODELS:  
 MODELS 525, 524, 520/ 225, 224/ C5EST, C5ST, C4ST, C0ST  
 VINYL BACKED INSULATION MODELS:  
 MODELS 525V, 524V/ - / C5ESV, C5SV, C4SV  
 INSULATED W/ STEEL BACKER MODELS  
 MODELS 525S, 524S, 520S/ 225S, 224S/ C5ESS, C5SS, C4SS, COSS

THIS PRODUCT COMPLIES WITH THE 2018 IBC/IRC.

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)



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

MAX. SECTION HEIGHT: 24"

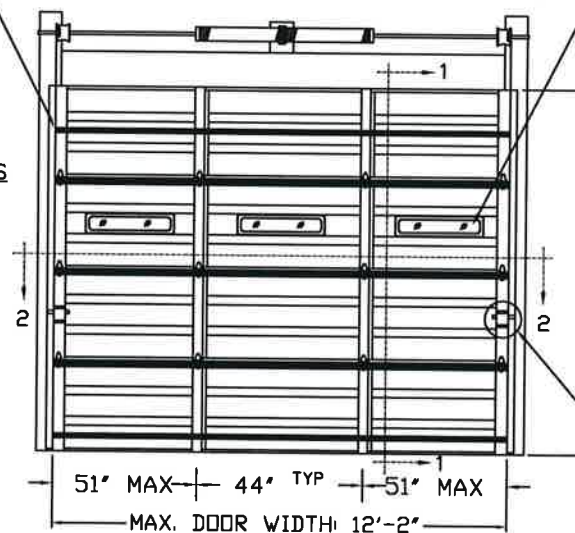
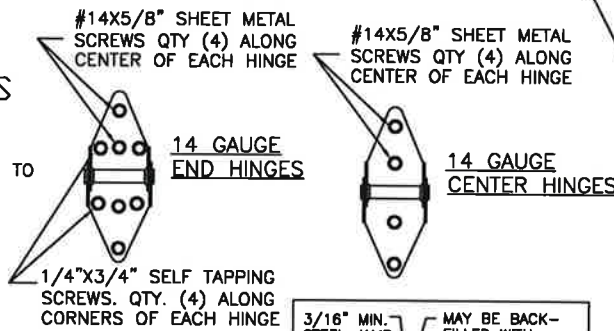
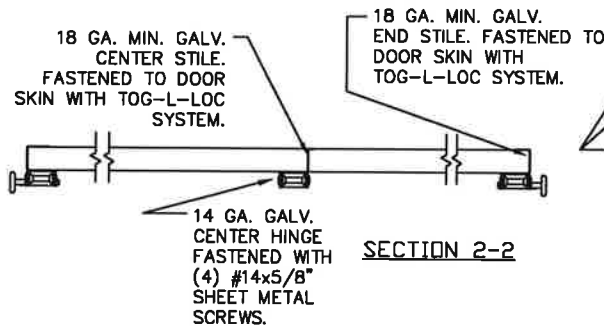
DOOR WIDTH	NUMBER OF CENTER STILES
UP TO 9'-2"	1
9'-3" THRU 12'-2"	2

SECTIONS ARE 1-7/8" THK PANELS ROLL FORMED OF .019" MIN. HOT DIPPED GALVANIZING, ROLL FORMED STEEL.

OPTIONAL SINGLE PANE OR INSULATED WINDOW LITES. ALL PANES ANNEALED GLASS OR STRONGER. SINGLE PANES 1/8" OR THICKER. INSULATED WINDOWS 1/2" THICK, CONSISTING OF (2) PANES 1/8" 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".

3" x 20 GA. GALV. STEEL U-BAR. ONE U-BAR PER DOOR SECTION, EXCEPT THERE ARE TWO U-BARS ON THE BOTTOM SECTION. U-BARS ATTACHED AT EACH STILE LOCATION WITH (2) 1/4" x 3/4" SELF-TAPPING SCREWS.

SIDE ELEVATION STANDARD-LIFT TRACK DETAILS



OPTIONAL ALUMINUM FULL VISION WINDOW LITE SECTIONS AVAILABLE, SINGLE PANE OR INSULATED. ALL PANES ANNEALED GLASS OR STRONGER. SINGLE PANES 1/8" OR THICKER. INSULATED WINDOWS 1/2" THICK, CONSISTING OF (2) PANES 1/8" THICK. FULL VISION SECTIONS TO HAVE 2" x 2" x 1/8" L-ANGLE HORIZONTAL REINFORCEMENT, ATTACHED TO THE REINFORCING RIB WITH (2) 1/4"-20 X 5/8" HEX HEAD BOLTS AND NUTS AT EVERY HINGE LOCATION. MAXIMUM DLO: 53" X 21-3/4".

TWO POINT LOCKING REQ'D

SECTION 1 - 1

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

ADJUSTABLE TOP ROLLER BRACKET OF 12 GA. GALV. STEEL, INSTALLED ON DOOR WITH (4) #14 X 5/8" LG SHEET METAL SCREWS

3" x 20 GA. GALV STEEL U-BAR. ONE U-BAR PER DOOR SECTION, EXCEPT THERE ARE TWO U-BARS ON THE BOTTOM SECTION. U-BARS ATTACHED AT EACH STILE LOCATION WITH (2) 1/4" x 3/4" SELF-TAPPING SCREWS.

END HINGES OF MIN. 14 GA. GALV. STEEL, FASTENED WITH (4) #14 X 5/8" LG. SHT. MTL. SCREWS AND (4) 1/4"x3/4" SELF-TAPPING SCREWS.

2" 10 BALL SHORT STEM STEEL ROLLER WITH STEEL OR NYLON TIRE

OPTIONAL INSULATION (SEE MODEL EXPLANATION)

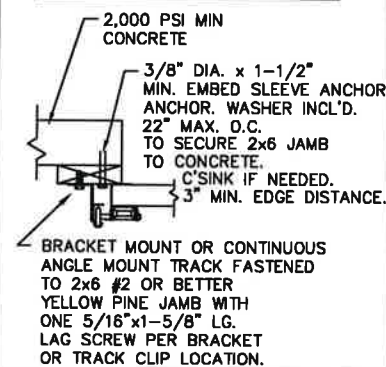
BOTTOM ROLLER BRACKET OF 13 GA. GALV. STEEL, FASTENED WITH (4) #14 X 5/8" LG SHT. MTL. SCREWS

MARK WESTERFIELD, P.E. FLORIDA P.E. #48495, NC P.E. #23832, TEXAS P.E. #91513  
 DESIGN LOADS: +25 & -25 P.S.F.  
 TEST LOADS +37.5 & -37.5 P.S.F.

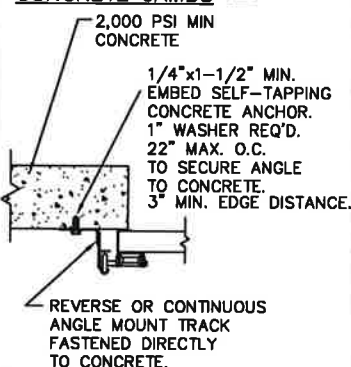
MANUFACTURING PRODUCT CODE: MPC: C-PAN-1E458

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.

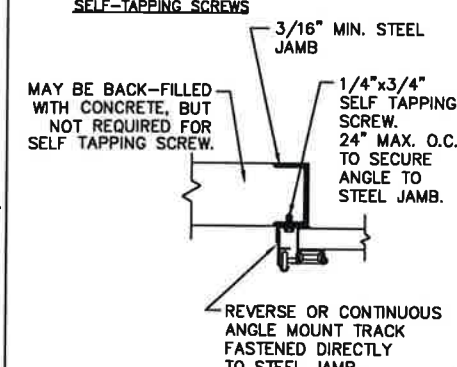
WOOD JAMB ON CONCRETE



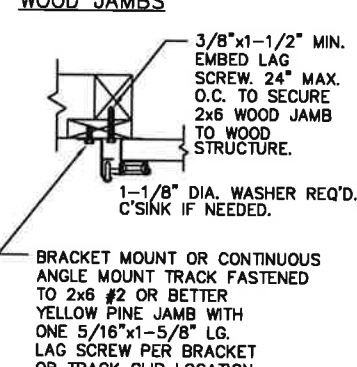
CONCRETE JAMBS



STEEL JAMBS



WOOD JAMBS



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

CLOPAY CORP. ALL RIGHTS RESERVED.

Third Angle Projection

Unless Stated Otherwise TOLERANCES are  
 .0 = ±.031  
 .00 = ±.015  
 .000 = ±.005  
 .0000 = ±.001  
 Degrees = ±1/2"

Unless Stated Otherwise DIMENSIONS ARE IN INCHES.

**Glopay** CORPORATION

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WINDLOAD RATING  
 W4

DESCRIPTION: COMMERCIAL RIBBED DOOR, 12' 2" WIDTH, +/- 25 PSF DESIGN LOAD

DRAWN BY: RJK DATE: 3/24/99 SCALE: NOTED DWG. B

CHECKED BY: MWW DATE: 3/99 SHEET 1 OF 1 SIZE B

DWG. NO.: 101856 VER: TDI