

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

MAX 10'-2" WIDE X 18'-0" HIGH
MODELS AVAILABLE (CLOPAY/ HOLMES/ IDEAL)
MODELS 524, 520/ 224/ C4ST, C0ST
INSULATED MODELS 524S, 520S, 524V/ 224S/ C4SS, C0SS, C4SV

REVISIONS

REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
07	D4	10/2003	-	-	UPDATE JAMB ATTACHMENT INFO.
08	-	05/2005	-	-	UPDATE CODE REF., SPECIFIED OPTIONAL ACRYLIC.
09	-	10/2005	-	-	ADDED ROLLER OPTION
10	-	11/2008	-	-	ADDED MPC; UPDATED JAMB ATTACHMENT.
11	-	02/2012	-	-	UPDATED WINDCODE CHART
12	-	11/30/20	-	-	UPDATED TITLE BLOCK AND REMOVED WINDCODE CHART.

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

Jim Wheeler
No. 91932
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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

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 WIDTH	NUMBER OF CENTER STILES
UP TO 9'-2"	1
9'-3" THRU 10'-2"	2

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



OPTIONAL ALUMINUM FULL VISION WINDOW LITE SECTIONS AVAILABLE (1/8" DSB, 1/8" ACRYLIC, OR 1/4" WIRE) FULL VISION SECTIONS TO HAVE 2" X 2" X 1/8" L-ANGLE HORIZONTAL REINFORCEMENT. L-ANGLES ATTACHED TO THE REINFORCING RIB WITH (2) 1/4"-20 X 5/8" HEX HEAD BOLTS AND NUTS AT EVERY HINGE LOCATION.

3" X 20 GA. GALV. STEEL U-BAR. ONE U-BAR PER DOOR SECTION U-BARS ATTACHED AT EACH STILE LOCATION WITH (2) 1/4" X 3/4" SELF-TAPPING SCREWS

OPTIONAL INSULATION (SEE MODEL EXPLANATION)

OPTIONAL ACRYLIC IS PLASKOLITE OPTIX, AN APPROVED CC2 PLASTIC IN COMPLIANCE WITH IBC/FBC 2606.

OPTIONAL 24" X 6" POLYPROPYLENE SCREW TOGETHER FRAME TYPE DSB OR 1/8" ACRYLIC WINDOW LITES AVAILABLE.

TWO POINT LOCKING REQ'D

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

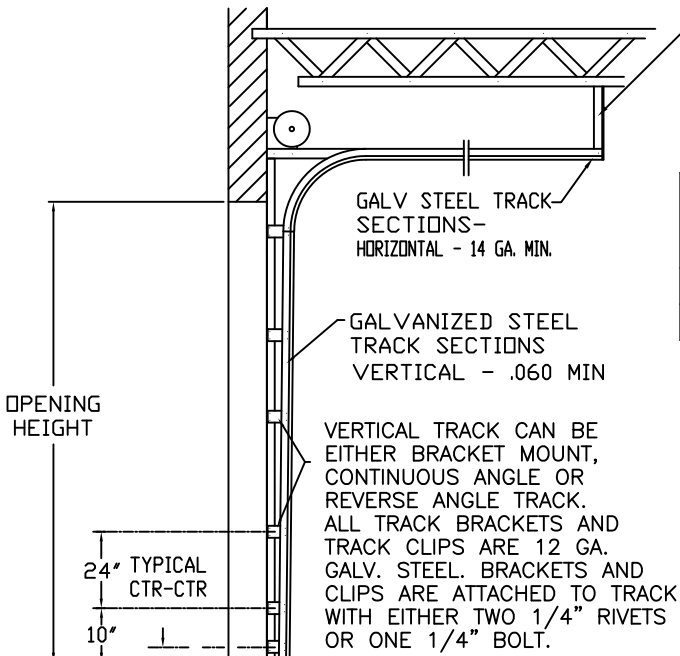
3" X 20 GA. GALV STEEL U-BAR.

END ROLLER 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.

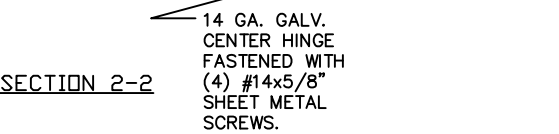
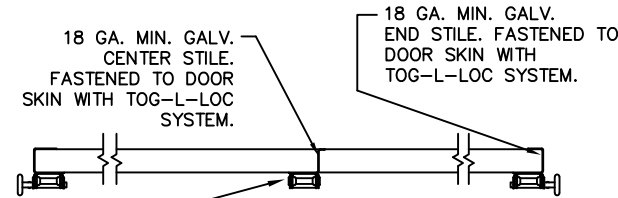
2" 10 BALL SHORT STEM STEEL ROLLER WITH STEEL OR NYLON TIRE

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

DESIGN LOADS: +30 & -30 P.S.F.
TEST LOADS +45 & -45 P.S.F.

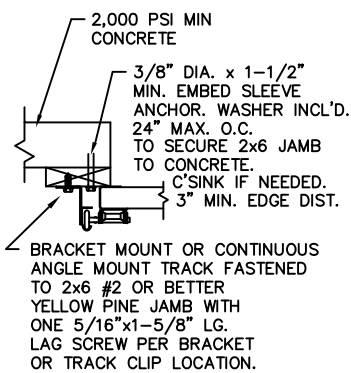


SIDE ELEVATION
STANDARD-LIFT TRACK DETAILS

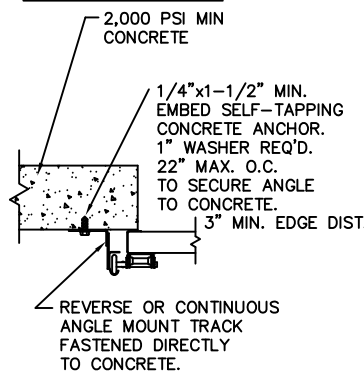


ANCHOR NOTE: FIRST (BOTTOM) ANCHOR STARTING AT NO MORE THAN HALF OF THE MAXIMUM ON-CENTER DISTANCE. HIGHEST ANCHOR INSTALLED AT LEAST AS HIGH AS THE DOOR OPENING.

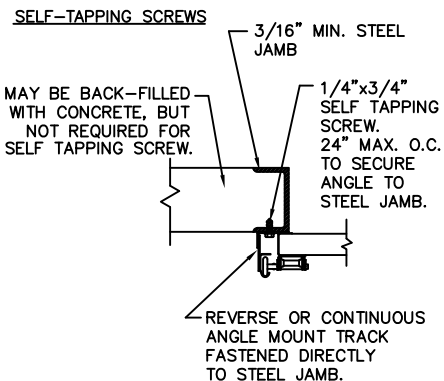
WOOD JAMB ON CONCRETE



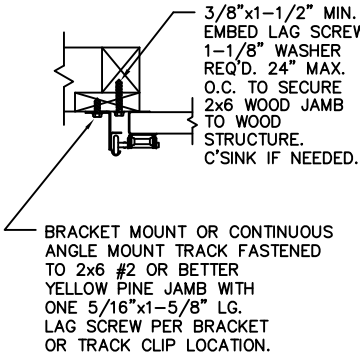
CONCRETE JAMBS



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.

MARK WESTERFIELD, P.E.
FLORIDA P.E. #48495, NC P.E. #23832,
TEXAS P.E. #91513

SECTION 1-1

Clopay
CORPORATION

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

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

WINDLOAD RATING
W5

DESCRIPTION: COMMERCIAL RIBBED DOOR, +/- 30 PSF DESIGN LOAD

DRAWN BY: RJK DATE: 4/19/99 SCALE: NOTED DWG. SIZE B

CHECKED BY: MWW DATE: 4/99 SHEET 1 OF 1

DWG. NO.: 101875