

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

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.

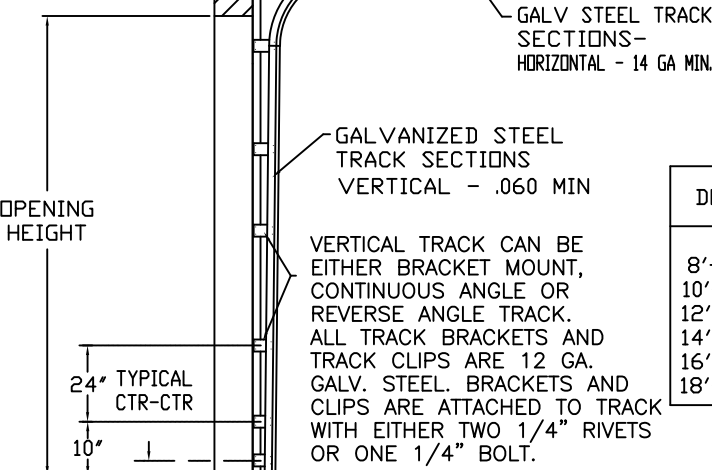
MODELS AVAILABLE (CLOPAY/ HOLMES/ IDEAL)
MODELS 524, 520/ 224/ C4ST, C0ST
INSULATED MODELS 524S, 520S, 524V/ 224S/ C4SS, C0SS, C4SV

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)

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



OPTIONAL ALUMINUM FULL VISION WINDOW LITE SECTIONS AVAILABLE (1/8" DSB, 1/8" ACRYLIC, 1/4" WIRE). FULL VISION SECTIONS TO HAVE 2" X 2" X 1/4" L-ANGLE HORIZONTAL REINFORCEMENT. L-ANGLES 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" X 5/8" HEX BOLTS AND NUTS.



STANDARD-LIFT TRACK DETAILS

SECTION 2-2

16 GA. MIN. GALV. OR PAINTED END STILE. FASTENED TO DOOR SKIN WITH TOG-L-LOC-SYSTEM.

18 GA. MIN. GALV. INTERMEDIATE STILE FASTENED TO DOOR SKIN WITH TOG-L-LOC SYSTEM.

14 GA. GALV. CENTER HINGE FASTENED WITH (4) #14x5/8" SHEET METAL SCREWS.

14 GA. DOUBLE END HINGES ATTACH ON EACH HINGE AS SHOWN WITH (4) #14 X 5/8" LG. SHT. MTL. SCREWS AND (2) 1/4"x3/4" SELF-TAPPING SCREWS.

14 GA. INTERMEDIATE HINGE ATTACH ON EACH HINGE AS SHOWN WITH (4) 1/4" X 5/8" SHEET METAL SCREWS.

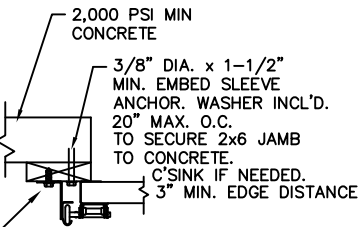
3/16" MIN. STEEL JAMB MAY BE BACK-FILLED WITH CONCRETE, BUT NOT REQUIRED.

1/8"x1" LONG FILLET WELD (E60XX ELECTRODE MIN.), WELD TO BE LOCATED VERTICALLY ON ANGLE AT 24" CENTER AND TACK WELD TOE OF ANGLE AT SAME SPACING.

12 GA. GALV. REVERSE OR CONTINUOUS ANGLE MOUNT TRACK FASTENED DIRECTLY TO STEEL JAMB.

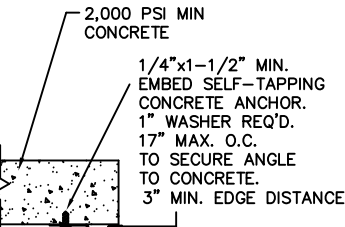
ANCHOR NOTE: FIRST (BOTTOM) ANCHOR STARTING AT NO MORE THAN HALF OF THE MAXIMUM ON-CENTER DISTANCE. HIGHEST ANCHOR INSTALLED AT LEAST AS HIGH AS THE DOOR OPENING.

WOOD JAMB ON CONCRETE



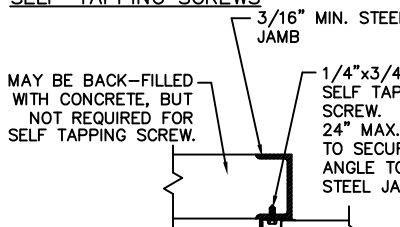
BRACKET MOUNT OR CONTINUOUS ANGLE MOUNT TRACK FASTENED TO 2x6 #2 OR BETTER YELLOW PINE JAMB WITH ONE 5/16"x1-5/8" LG. LAG SCREW PER BRACKET OR TRACK CLIP LOCATION.

CONCRETE JAMBS



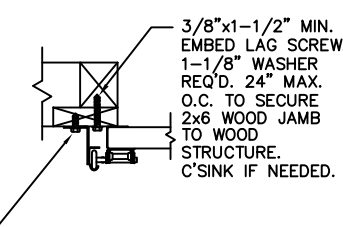
REVERSE OR CONTINUOUS ANGLE MOUNT TRACK FASTENED DIRECTLY TO CONCRETE.

WELDED STEEL JAMBS



REVERSE OR CONTINUOUS ANGLE MOUNT TRACK FASTENED DIRECTLY TO STEEL JAMB.

WOOD JAMBS



BRACKET MOUNT OR CONTINUOUS ANGLE MOUNT TRACK FASTENED TO 2x6 #2 OR BETTER YELLOW PINE JAMB WITH ONE 5/16"x1-5/8" LG. LAG SCREW PER BRACKET OR TRACK CLIP LOCATION.

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

MAX. DOOR WIDTH: 16'-2"

DOUBLE END STILES

OPTIONAL INSULATION (SEE MODEL EXPLANATION)

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

TWO POINT LOCKING REQ'D

SECTION 1 - 1

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

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

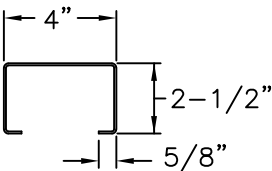
ADJUSTABLE TOP ROLLER BRACKET OF 12 GA. GALV. STEEL, INSTALLED ON DOOR WITH (4) #14 X 5/8" LG SHEET METAL SCREWS

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

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"x3/4" SELF-TAPPING SCREWS.



VIEW "D"
4" TALL C-CHANNEL
16 GA. GALV. STEEL
MIN YIELD STRENGTH 50KSI

BOTTOM ROLLER BRACKET OF 13 GA. MIN. 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

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.

Clopay CORPORATION

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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: IBC

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

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