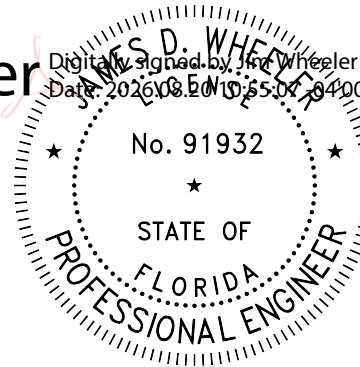


NOTE: DOUBLE TRACK LOW HEADROOM, HI-LIFT TRACK, FOLLOW-THE-ROOF TRACK, AND VERTICAL LIFT TRACK ARE AVAILABLE OPTIONS. 3" TRACK ALSO AVAILABLE.

MAX 12'-2" WIDE X 18'-0" HIGH

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

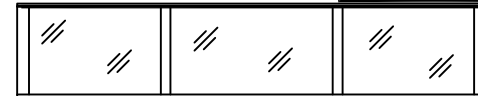
Jim Wheeler



REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
07	D4	10/2003	-	-	UPDATED JAMB ATTACHMENT INFO
08	-	05/2005	-	-	UPDATED CODE REF., SPECIFIED OPTIONAL ACRYLIC.
09	-	10/2005	-	-	ADDED ROLLER OPTION
10	-	11/2008	-	-	UPDATED JAMB ATTACHMENT; ADDED MPC.
11	-	02/2012	-	-	UPDATED WINDCODE CHART
12	-	6/2/20	-	-	REVISED JAMB FASTENERS.
13	-	8/12/20	-	-	UPDATED TITLE BLOCK AND REMOVED WIND CHART

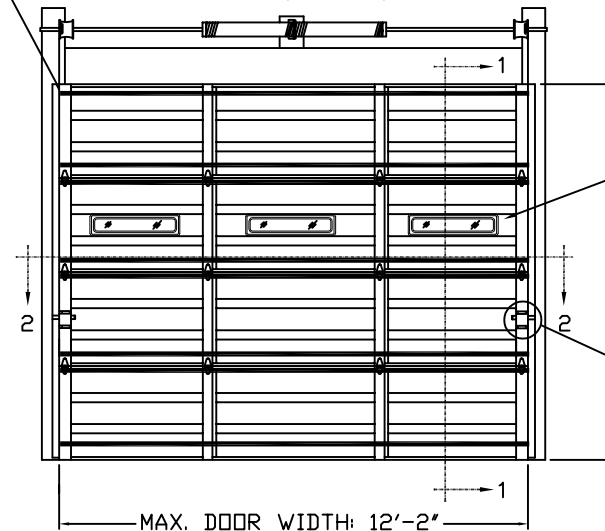
SECTIONS ARE 1-7/8" THK PANELS ROLL FORMED OF .022" MIN. HOT DIPPED GALVANIZING, ROLL FORMED STEEL.

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)



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. TWO U-BARS PER DOOR SECTION. U-BARS ATTACHED AT EACH STILE LOCATION WITH TWO 1/4" X 3/4" SELF TAPPING SCREWS.



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

OPTIONAL 24" x 6" POLYPROPYLENE SCREW TOGETHER 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

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

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

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

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

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.

DESIGN ENGINEER: SCOTT HAMILTON, P.E. FLORIDA LICENSE NO. 63286

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

Clopay CORPORATION

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

WINDLOAD RATING
W5

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

DRAWN BY: RJK

DATE: 4/15/99

SCALE: NOTED

DWG. B
SIZE B

CHECKED BY: MWW

DATE: 4/99

SHEET 1 OF 1

DWG. NO.: 101869

VER: IBC

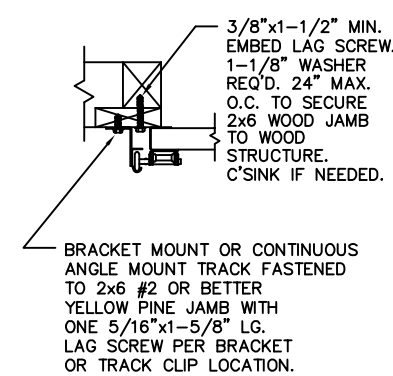
CLOPAY CORP.
ALL RIGHTS RESERVED.

Third Angle Projection

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

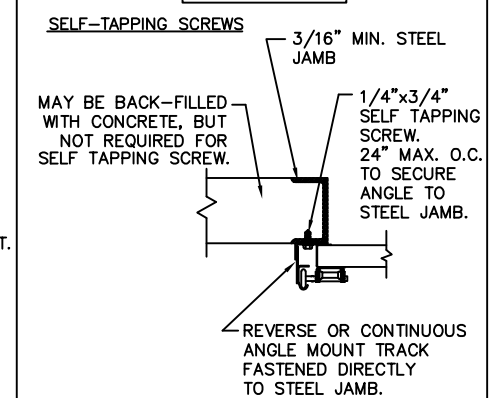
Unless Stated Otherwise
DIMENSIONS ARE IN INCHES.

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.

STEEL JAMBS



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

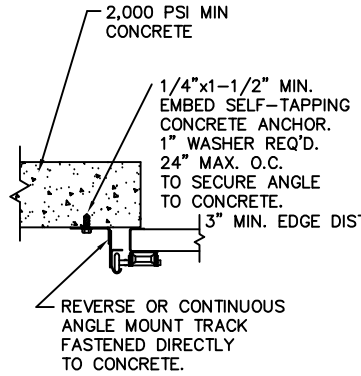
SELF-TAPPING SCREWS

MAY BE BACK-FILLED WITH CONCRETE, BUT NOT REQUIRED FOR SELF TAPPING SCREW.

1/4"x3/4" SELF TAPPING SCREW. 24" MAX. O.C. TO SECURE ANGLE TO STEEL JAMB.

3/16" MIN. STEEL JAMB

CONCRETE JAMBS

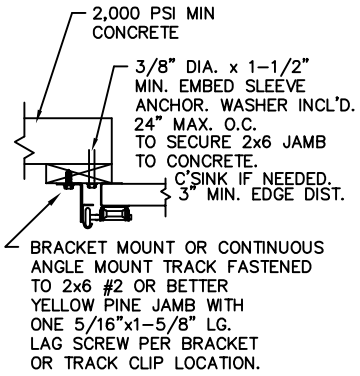


REVERSE OR CONTINUOUS ANGLE MOUNT TRACK FASTENED DIRECTLY TO CONCRETE.

1/4"x1-1/2" MIN. EMBED SELF-TAPPING CONCRETE ANCHOR. 1" WASHER REQ'D. 24" MAX. O.C. TO SECURE ANGLE TO CONCRETE.

2,000 PSI MIN CONCRETE

WOOD JAMB ON CONCRETE

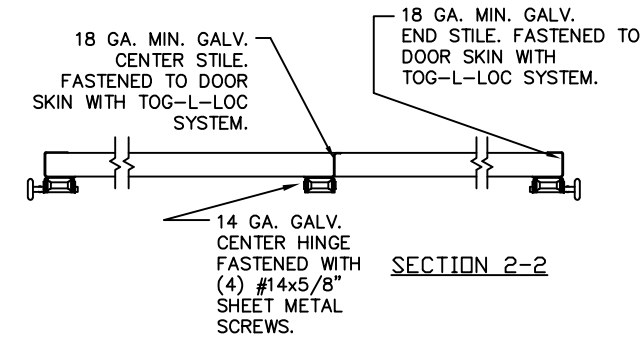


BRACKET MOUNT OR CONTINUOUS ANGLE MOUNT TRACK FASTENED TO 2x6 #2 OR BETTER YELLOW PINE JAMB WITH ONE 5/16"x1-5/8" LG. LAG SCREW PER BRACKET OR TRACK CLIP LOCATION.

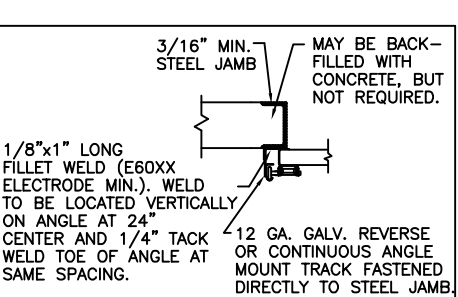
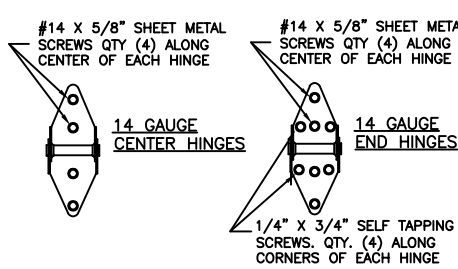
3/8" DIA. x 1-1/2" MIN. EMBED SLEEVE ANCHOR. WASHER INCL'D. 24" MAX. O.C. TO SECURE 2x6 JAMB TO CONCRETE. C'SINK IF NEEDED. 3" MIN. EDGE DIST.

2,000 PSI MIN CONCRETE

SIDE ELEVATION
STANDARD-LIFT TRACK DETAILS



SECTION 2-2



WELDED

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

3/16" MIN. STEEL JAMB

MAY BE BACK-FILLED WITH CONCRETE, BUT NOT REQUIRED.

1/4" X 3/4" SELF TAPPING SCREWS. QTY. (4) ALONG CORNERS OF EACH HINGE

14 GAUGE END HINGES

14 GAUGE CENTER HINGES

#14 X 5/8" SHEET METAL SCREWS QTY. (4) ALONG CENTER OF EACH HINGE

#14 X 5/8" SHEET METAL SCREWS QTY. (4) ALONG CENTER OF EACH HINGE

14 GAUGE CENTER HINGES

14 GAUGE END HINGES

#14 X 5/8" SHEET METAL SCREWS QTY. (4) ALONG CENTER OF EACH HINGE

#14 X 5/8" SHEET METAL SCREWS QTY. (4) ALONG CENTER OF EACH HINGE