

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

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.

24GA EXTERIOR SKIN
(RIBBED DOORS)
NON-INSULATED MODELS:
MODELS: CLOPAY - 524, 224
IDEAL - C4ST
VINYL BACKED INSULATION MODELS:
MODELS: CLOPAY - 524V
IDEAL - C4SV
STEEL BACKED INSULATED MODELS:
MODELS: CLOPAY - 524S, 224S
IDEAL - C4SS

20GA EXTERIOR SKIN
(RIBBED DOORS)
NON-INSULATED MODELS:
MODELS CLOPAY - 520
IDEAL - C0ST
STEEL BACKED INSULATION MODELS:
MODELS CLOPAY - 520S
IDEAL - C0SS

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

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

14 GAUGE
CENTER HINGES

#14X5/8" SHEET METAL
SCREWS QTY (4) ALONG
CENTER OF EACH HINGE

14 GAUGE
END HINGES

1/4"x3/4" SELF TAPPING
SCREWS. QTY. (4) ALONG
CORNERS OF EACH HINGE

DOOR HEIGHT 'A'	NUMBER OF SECTIONS
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

SECTION 2-2

WOOD JAMB ON CONCRETE

CONCRETE JAMBS

STEEL JAMBS

WOOD JAMBS

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.

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

NOTICE:
Confidential/Proprietary information
of CLOPAY BUILDING PRODUCTS CO.
is contained herein and may not
be disclosed, used, duplicated,
made available, or distributed
without its prior consent. Failure to
observe this notice may result in
liability for any damages and
losses resulting therefrom.

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.

Jim Wheeler, P.E.
FLORIDA P.E. #91932

DESIGN LOAD: +25.0 PSF, -25.0 PSF.
TEST LOAD: +37.5 PSF, -37.5 PSF.

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

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

PART NO.: N/A

CLOPAY WINDLOAD RATING
W4-DP25

DRAWN BY: SH
CHECKED BY: SH
DWG. NO.: 105412

DATE: 11/29/18
DATE: 11/29/18
SHEET 1 OF 1

SCALE: N/A
REV. NO. 01

DWG. SIZE B

9'-2" WIDE (MAX) X 18'-0" HIGH (MAX)

REVISIONS

REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
00	-	11/29/18	--	SH	INITIAL RELEASE.
01	-	8/7/20	-	SH	UPDATED TITLE BLOCK

SECTIONS ARE 1-7/8" THK PANELS
ROLL FORMED OF 0.022" MIN. HOT
DIPPED GALVANIZED STEEL.

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

2-1/4" X 20 GA STEEL U-BAR.
ONE PER SECTION. ATTACHED WITH
(2) 1/4"x3/4" SELF TAPPING
SCREWS PER STILE LOCATION. SEE
VIEW "E".

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

2" ROLLERS FEATURE (10) 1/4"
DIA. STEEL BALL BEARINGS FULL
FLOATING IN CASE HARDENED STEEL
RACES.

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

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

VIEW "E"

2-1/4" TALL U-BAR
20 GA. GALV. STEEL

OPTIONAL INSULATION (SEE
MODEL DESCRIPTIONS).

OPTIONAL PROPYLENE
SCREW TOGETHER FRAME
(MAX. 24"x12") TYPE DSB
OR 1/8" PLEXI OR BETTER
WINDOW LITES AVAILABLE.

2-1/4"x20 GA. GALV.
STEEL U-BAR. SEE VIEW
"E" AND SECTION 1-1.
U-BARS ARE PLACED IN
THE MIDDLE OF EACH
SOLID SECTION AND
BELOW THE GLAZING FOR
GLAZED SECTIONS.

ONE POINT (MIN.)
LOCKING REQUIRED.

MAX. DOOR WIDTH: 9'-2"

FLORIDA PRODUCT APPROVAL 48404.2