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

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

| REVISIONS | | | | | |
|---|---|---|---|---|---|
| REV. NO. | ZONE: | DATE: | ECN NO. | APPVD: | DESCRIPTION |
| 00 | – | 6/30/21 | -- | JDW | INITIAL RELEASE. |

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.

GALV STEEL TRACK HORIZONTAL - 14 GA. MIN.

GALV STEEL TRACK VERTICAL - 0.060 MIN.

OPENING HEIGHT

VERTICAL TRACK CAN BE EITHER BRACKET MOUNT, CONTINUOUS ANGLE OR REVERSE ANGLE TRACK. ALL TRACK BRACKETS AND TRACK CLIPS ARE 12 GA. GALV. STEEL. BRACKETS/CLIPS ARE ATTACHED TO TRACK WITH EITHER (2) 1/4" RIVETS OR (1) 1/4" X 5/8" BOLT AND NUT PER BRACKET/CLIP.

24" TYPICAL CTR-CTR

10"

3 1/2

SIDE ELEVATION
STANDARD-LIFT TRACK DETAILS

## MODELS AVAILABLE (CLOPAY/ HOLMES/ IDEAL)

NON-INSULATED MODELS:
MODELS 525 / 225 / C5ST
VINYL BACKED INSULATION MODELS:
MODELS 525V / – / C5SV
INSULATED W/ STEEL BACKER MODELS
MODELS 525S / 225S / C5SS

| 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

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

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

14 GA. GALV. CENTER HINGE FASTENED WITH (4) #14X5/8" SHEET METAL SCREWS.

SEE ROLLER HINGE DETAIL IN SECTION 1-1 FOR DETAILS.

SECTION 2-2

| 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 |

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.

OPTIONAL ALUMINUM FULL VISION LITE SECTIONS AVAILABLE (DSB, 1/8" PLEXI, OR BETTER). FULL VISION SECTIONS ARE REINFORCED WITH A 2"x2" AL L-ANGLE ATTACHED AT THE TOP OF EACH SECTION.

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

3"x20 GA. GALV. STEEL U-BAR. SEE VIEW "E" AND SECTION 1-1. U-BARS ARE AT THE TOP OF EACH SECTION AND THE BOTTOM OF THE BOTTOM SECTION.

TWO POINT (MIN.) LOCKING REQUIRED.

A

1

2

2

1

MAX. DOOR WIDTH: 9'-2"

SECTIONS ARE 1-7/8" THK PANELS ROLL FORMED OF 0.0193" MIN. HOT DIPPED GALVANIZED STEEL.

3" X 20 GA STEEL U-BAR. ONE AT THE TOP OF EACH SECTION AND ONE AT THE BOTTOM OF THE BOTTOM SECTION. ATTACHED WITH (2) 1/4"x3/4" SELF TAPPING SCREWS PER STILE LOCATION. SEE VIEW "E".

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

3"

1-7/8"

VIEW "E"
3" TALL U-BAR
20 GA. GALV. STEEL

OPTIONAL INSULATION (SEE MODEL DESCRIPTIONS).

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.

SECTION 1-1

JAMES D. WHEELER LICENSE No. 91932 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jim Wheeler Digitally signed by Jim Wheeler Date: 2026.08.20 11:45:24 -04'00'

WOOD JAMB ON CONCRETE

2,000 PSI MIN CONCRETE

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

12 GA. 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

2,000 PSI MIN 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.

REVERSE OR CONTINUOUS ANGLE MOUNT TRACK FASTENED DIRECTLY TO CONCRETE.

STEEL JAMBS

3/16" MIN. STEEL JAMB

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.

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

WOOD JAMBS

3/8"x1-1/2" MIN. EMBED LAG SCREW. 1-1/8" WASHER REQ'D. 24" MAX. O.C. TO SECURE 2x6 WOOD JAMB TO WOOD STRUCTURE. C'SINK IF NEEDED.

12 GA. 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.

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

JAMES D. WHEELER, P.E.
FLORIDA P.E. #91932

DESIGN LOAD: +30.0 PSF, -30.0 PSF.
TEST LOAD: +45.0 PSF, -45.0 PSF.

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

MANUFACTURING PRODUCT CODE: MPC: C-PAN-1E458
PART NO.: N/A
CLOPAY WINDLOAD RATING W5-DP30
DESCRIPTION: 525W5, 9'2" WIDE
DRAWN BY: JDW | DATE: 6/30/21 | SCALE: N/A | DWG. SIZE B
CHECKED BY: JDW | DATE: 7/1/21 | SHEET 1 OF 1
DWG. NO.: 105676 | REV. NO. 00

FLORIDA PRODUCT APPROVAL 48404.14