

CLOPAY MODELS RHXX (HEMLOCK RAILS & STILES)

ONE 4" TALL 80 KSI T-STRUT PER DOOR SECTION.
EACH T-STRUT ATTACHED W/(2) 1/4" X 1" LAG SCREWS
USE (4) ADDITIONAL LAG SCREWS PER T-STRUT IN THE
CENTER OF EACH SECTION. SEE VIEW "D"

DSB GLASS WINDOW
OPTION REC13 SHOWN.
ALSO AVAILABLE IN
REC14, SQ24, ARCH3,
ARCH4, SQ23

	DESIGN #1	DESIGN #2	DESIGN #3	DESIGN #4	DESIGN #5	DESIGN #6
SMOOTH PLYWOOD	1P	2P	3P	4P	5P	6P
GROVED PLYWOOD	1G	2G	3G	4G	5G	6G
HEMLOCK	1H	2H	3H	4H	5H	6H

XX LAST TWO CHARACTERS OF MODELS INDICATE DESIGN & PANEL MATERIAL

PREPUNCHED HOLES IN C-CHANNEL.
USE TWO 3/4" X 1" LAG SCREWS AT
THESE LOCATIONS. (BOTH ENDS)

END STILE
SLIDE BOLT
LOCK ENGAGES
INTO VERTICAL
TRACK. ONE
LOCK ON
EACH SIDE
OF DOOR.
INSIDE SLIDE BOLT
LOCK OPTION

SECT A-A

NOTE: WHEN INSTALLING 1/4" X 1" LAG
SCREWS, DRILL 3/16" PILOT HOLES IN ALL
LOCATIONS THAT DO NOT CONTAIN
PRE-DRILLED HOLES.

REV	DATE	DESCRIPTION
00	9/14/16	
01	8/6/20	UPDATED TITLE BLOCK AND REMOVED WIND CHART
02	2/24/23	CONSOLIDATED (2) VERSIONS OF REV01.

12 GA. GALV. STEEL TOP BOLLER
BRACKET. EACH BRACKET ATTACHED
WITH (4) 1/4" X 1" LAG SCREWS

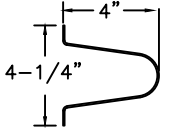
THE OPTIONAL GLAZING SHOWN ON THIS DRAWING MEETS THE
WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE
OR INTERNATIONAL BUILDING CODE BUT DOES NOT MEET THE
IMPACT RESISTANT REQUIREMENT FOR WINDBORNE DEBRIS
REGIONS (REF. CHAPTER16 FBC/IBC)

14 GA. GALV. STEEL ROLLER HINGE
FASTENED TO END STILES WITH
QTY (4) 1/4" X 1" LAG SCREWS

ONE 4" TALL 80 KSI T-STRUT PER DOOR SECTION.
EACH T-STRUT ATTACHED W/(2) 1/4" X 1" LAG SCREWS
USE (4) ADDITIONAL LAG SCREWS PER T-STRUT IN THE
CENTER OF EACH SECTION. SEE VIEW "D" AND DETAIL "A".

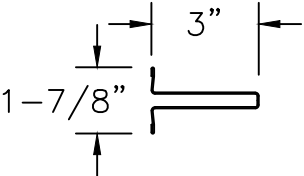
(1) 3" X 20 GA STEEL U-BAR PER SECTION.
EACH U-BAR ATTACHED W/(2) 1/4" X 1" LAG SCREWS PER HINGE
LOCATION

12 GAGE GALV. BOTTOM BRACKET
INSTALLED WITH (3) 1/4" X 1"
LAG SCREWS AND ONE 1/4" X 1-3/4"
CARRIAGE BOLT.

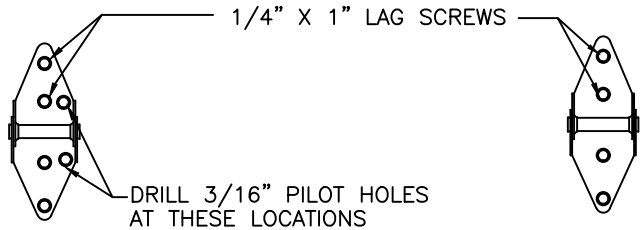


VIEW "D"
4" TALL TAPER STRUT.
GALV. STEEL, 50 KSI.

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



NOTE:
DOORS UP TO 7'-0" HIGH CONSIST OF (3) SECTIONS (SHOWN).
DOORS OVER 7'-0" HIGH CONSIST OF (4) SECTIONS (NOT SHOWN).



14 GA. END HINGE

14 GA. CENTER HINGE

NOTE: THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS
SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF
RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE
WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

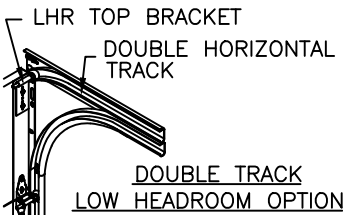
SECT C-C

STOP MOULDING BY DOOR
INSTALLER (TO SUIT)

12 GA. GALV. STEEL TRACK
BRACKET FASTENED TO WOOD
JAMB WITH ONE 5/16"x1-5/8"
WOOD LAG SCREW PER BRACKET.

2" GALV. STEEL TRACK
FASTENED TO TRACK BRACKETS.
EACH BRACKET ATTACHED WITH ONE
1/4"x5/8" BOLT & NUT OR
TWO 1/4" RIVETS.

TWO EXTRA LAG SCREWS,
2-1/2" ON EACH SIDE
OF THE STANDARD LAG
SCREW, IN THE CENTER
OF EACH T-STRUT
EXCEPT THE TOP ONE.



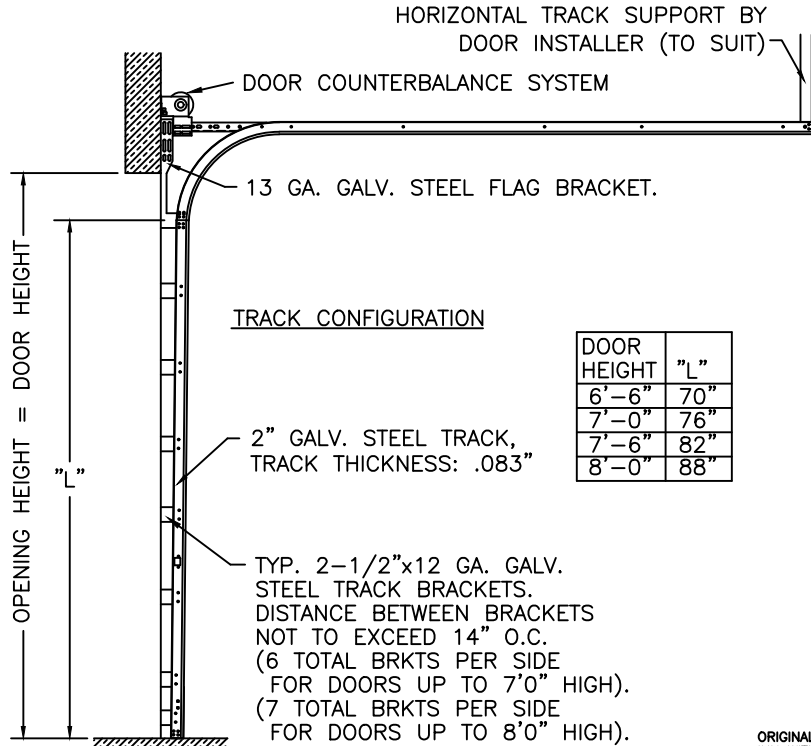
14 GA. MIN. GALV. STEEL CENTER HINGE
FASTENED TO BACK OF DOOR WITH
QTY (4) 1/4" X 1" LAG SCREWS

14 GA. GALV. STEEL ROLLER HINGE
FASTENED TO END STILES WITH (6)
1/4" X 1" LAG SCREWS

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

VERTICAL JAMB ATTACHMENT:
3/8"x4" SLEEVE ANCHORS ON 17" CENTERS
(C-90 BLOCK) OR 22" CENTERS (2000 PSI MIN.
CONCRETE) OR 1/4"x4" TAPCON SCREWS ON 14"
CENTERS (2000 PSI MIN. CONCRETE). WASHERS
INCLUDED WITH SLEEVE ANCHORS. 1" O.D.
WASHERS REQUIRED WITH TAPCONS. ANCHORS
MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO
PROVIDE A FLUSH MOUNTING SURFACE.
HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

VERTICAL JAMB ATTACHMENT (WOOD FRAME BUILDINGS):
1/2"x3" LAG SCREWS ON 15" CENTERS. 1" O.D. WASHER
REQUIRED. LAG SCREWS MAY BE COUNTERSUNK (BUT NOT
REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE.
HORIZONTAL JAMBS DO NOT TRANSFER LOAD.



TRACK CONFIGURATION

DOOR HEIGHT	"L"
6'-6"	70"
7'-0"	76"
7'-6"	82"
8'-0"	88"

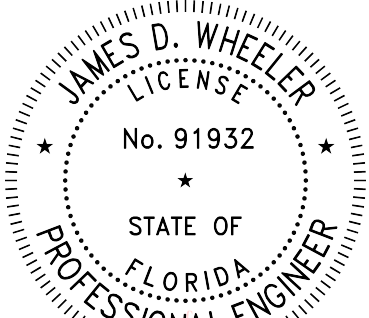
TYP. 2-1/2"x12 GA. GALV.
STEEL TRACK BRACKETS.
DISTANCE BETWEEN BRACKETS
NOT TO EXCEED 14" O.C.
(6 TOTAL BRKTS PER SIDE
FOR DOORS UP TO 7'0" HIGH).
(7 TOTAL BRKTS PER SIDE
FOR DOORS UP TO 8'0" HIGH).

Clopay
CORPORATION

CLOPAY CORPORATION
8585 DUKE BLVD.
MASON, OH 45040

(513) 770-4800

Clopay Corporation All Rights Reserved.



Jim Wheeler
Digitally signed by Jim Wheeler
Date: 2026.10.02 09:14:56 -04'00'

DESIGN ENGINEER:
JAMES D. WHEELER, P.E.
FLORIDA LICENSE No. 91932

DESIGN LOADS: +32.0 P.S.F. & -36.0 P.S.F.
TEST LOADS: +48.0 P.S.F. & -54.0 P.S.F.

ORIGINAL DRAWINGS ARE SIGNED IN BLUE
INK WITH A RAISED SEAL (EMBOSS).

MANUFACTURING PRODUCT CODE MPC: W-1B899	WINDLOAD RATING W5	MAX. SIZE: 18'0" x 8'0"
DATE: 9/14/16	DESCRIPTION: RESERVE COLLECTION WOOD DOOR	
DRAWN BY: --	DRAWING NUMBER: 105116	VER: IBC
CHECKED BY:		