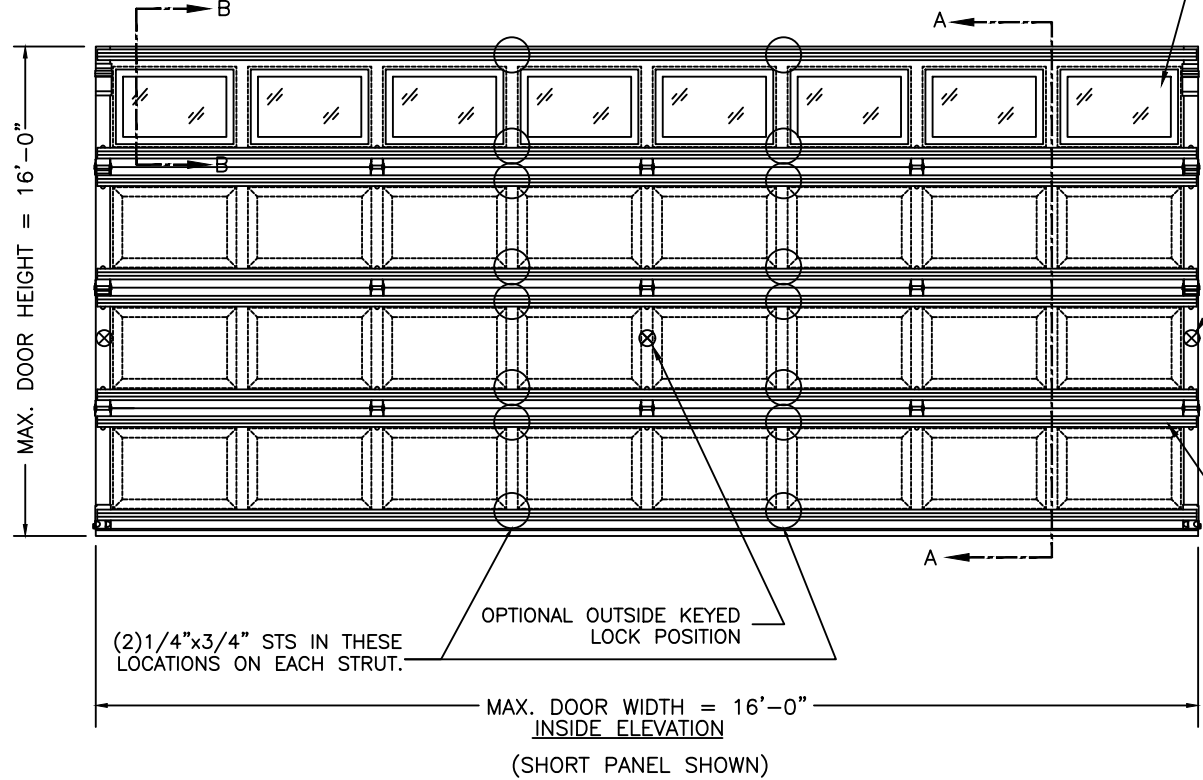


MODELS	27 GA SHORT	27 GA FLUSH	27 GA LONG
CLOPAY	2050, 4050	2051, 4051	4053, 2053
HOLMES	62, 62G, 62LG, 6130	65, 6131	64, 64G, 6133
IDEAL	SDP38, 135	SFL38, 136	SRP38, 134

DOOR HEIGHT	# OF SECTIONS	# OF U-BARS
UP TO 7'0"	4	8
7'3" TO 8'9"	5	10
9'0" TO 10'6"	6	12
10'9" TO 12'3"	7	14
12'6" TO 14'0"	8	16
14'3" TO 15'9"	9	18
16'0"	10	20
MAX SECTION HEIGHT: 21'		

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)



VERTICAL JAMB ATTACHMENT (WOOD FRAME BUILDINGS):
3/8"x3" LAG SCREWS ON 24" CENTERS. 1-1/8" O.D. WASHER REQUIRED. LAG SCREWS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

VERTICAL JAMB ATTACHMENT (C-90 BLOCK OR 2,000 PSI MIN. CONCRETE COLUMN):
3/8"x3" SLEEVE ANCHOR BOLTS ON 14" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS.
OR
1/4"x3" TAPCON SCREWS ON 12" CENTERS (2,000 PSI MIN. CONCRETE) OR 7" CENTERS (C-90 BLOCK). 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.

OTHER JAMB CONFIGURATIONS: REFER TO DASMA TDS-161. A LICENSED DESIGN PROFESSIONAL MAY ALSO BE EMPLOYED TO APPROVE ALTERNATE FASTENERS AND/OR JAMB CONFIGURATIONS.

IMPACT RESISTANT ASSEMBLY DETAILS
DRAWING 102185-A

IMPACT-RESISTANT CONSTRUCTION:
SOLID DOORS (NO GLAZING) ARE IMPACT-RESISTANT. THE ENTIRE DOOR ASSEMBLY INSTALLED IN COMPLIANCE WITH THIS SECTION MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE AND INTERNATIONAL BUILDING CODE AND MEETS THE IMPACT-RESISTANT REQUIREMENTS (REF. CHAPTER 16 FBC/IBC).

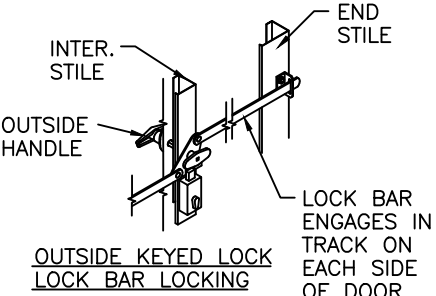
OPTIONAL 1/8" ACRYLIC OR DSB GLASS LITES AVAILABLE. OPTIONAL ACRYLIC GLAZING IS PLASKOLITE OPTIX OR LUCITE CP APPROVED CC2 PLASTIC IN ACCORDANCE WITH IBC/FBC 2606 (SEE SECTION B-B)

LOCK POSITION (BOTH SIDES)

SNAP LATCH ENGAGES ONTO VERTICAL TRACK. ONE SNAP LATCH ON EACH SIDE OF DOOR.

INTER. STILE
OUTSIDE KEYED HANDLE
END STILE
INSIDE HANDLE
TWO 3" TALL x 20 GA. GALV. STEEL U-BARS PER SECTION. 80 KSI MIN.
OUTSIDE KEYED LOCK
SNAP LATCH LOCK OPTION

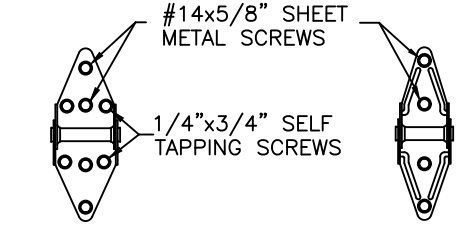
STOP MOULDING BY DOOR INSTALLER (TO SUIT)
20 GA. MIN. GALV. STEEL END STILE
12 GA. GALV. STEEL TRACK BRACKET FASTENED TO WOOD JAMB WITH ONE 5/16"x1-5/8" WOOD LAG SCREW PER BRACKET.
2" GALV. STEEL TRACK FASTENED TO TRACK BRACKETS. EACH BRACKET ATTACHED WITH ONE 1/4"x5/8" BOLT & NUT OR TWO 1/4" RIVETS.
JAMB CONFIGURATION
7/16" I.D. ROUND PUSHNUT FASTENER (ONE PER ROLLER).
18 GA. MIN. GALV. STEEL INTER. HINGE FASTENED TO CENTER STILE W/(4) EACH #14x5/8" SHEET METAL SCREWS.
14 GA. GALV. STEEL ROLLER HINGE FASTENED TO END STILES W/(4) EACH #14x5/8" SHEET METAL SCREWS AND (4) 1/4"x3/4" SELF TAPPING SCREWS.
2" 10 BALL SHORT STEM STEEL ROLLER WITH STEEL OR NYLON TIRE.



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

27 GA. STEEL MIN. EXTERIOR GALV. SKIN WITH A BAKED-ON PRIMER AND POLYESTER PAINTED TOP COAT.

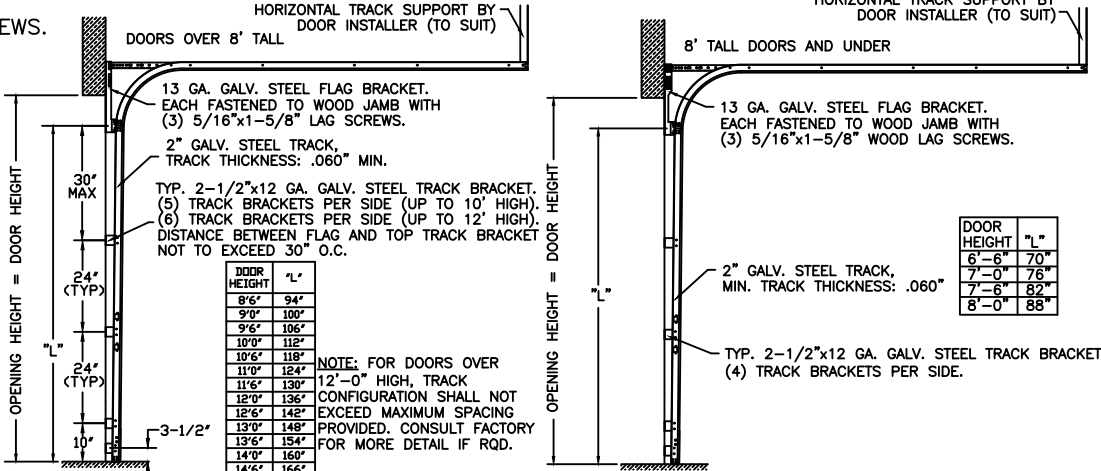
TONGUE AND GROOVE JOINTS.



1-3/8" THICK
12 GA. GALV. STEEL TOP ROLLER BRACKET. EACH BRACKET ATTACHED WITH (4) #14x5/8" SHEET METAL SCREWS.
1 POUND DENSITY EXPANDED POLYSTYRENE FOAM INSULATION LAMINATED TO BOTH EXTERIOR AND INTERIOR SKINS.
END HINGE. EACH 14 GA. GALV. STEEL FASTENED TO END STILES W/(4) #14x5/8" & (4) 1/4"x3/4" SELF SHEET METAL SCREWS TAPPING SCREWS.
3" TALL x 20 GA. GALV. STEEL U-BAR. 80 KSI MIN. TWO PER SECTION. ATTACHED WITH TWO 1/4"x3/4" SELF TAPPING SCREWS PER HINGE LOCATION AND AS SHOWN ON INSIDE ELEVATION VIEW.
29 GA. STEEL MIN. INTERIOR GALV. SKIN WITH A BAKED-ON PRIMER AND A BAKED-ON POLYESTER PAINTED TOP COAT.
13 GA. GALV. STEEL BOTTOM BRACKET. ATTACHED WITH (2) #14x5/8" SHEET METAL SCREWS. ALUMINUM EXTRUSION & VINYL WEATHERSTRIP.

SECTION A-A

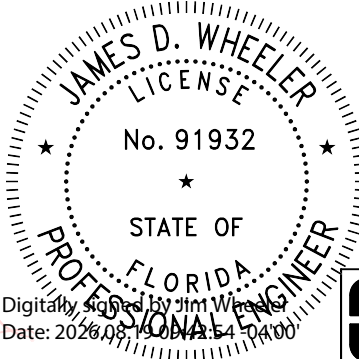
NOTE: TRACK CONFIGURATION ABOVE THE DOOR OPENING DOES NOT AFFECT THE WIND LOAD RATING OF THIS DOOR.



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

NOTE: DOUBLE TRACK LOW HEADROOM AVAILABLE. 3" TRACK AVAILABLE AS NEEDED.

DESIGN LOADS: +32.0 PSF & -32.0 PSF
TEST LOADS: +48.0 PSF & -48.0 PSF



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

Clopay
CORPORATION

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MANUFACTURING PRODUCT CODE:
MPC: DSIE-1A171
DATE: 4/20/2000
DRAWN BY: MWW
CHECKED BY:

WINDLOAD RATING: W5
MAX. DOOR SIZE: 16'W x 16'H
DESCRIPTION: 2050/4050/4053, 16'W, ±32PSF
DRAWING NUMBER: B 102185 - A
VER: FPA