

CLOPAY 3717W4, 3718W4 (1.75"); 3720W4 3722W4, 3724W4 (2"); 3730W4 (3")
EX3717W4, EX3718W4 (1.75"); EX3720W4, EX3722W4, EX3724W4 (2")
CORNELL EX3717LW4, EX3718LW4 (1.75"); EX3720LW4, EX3722LW4, EX3724LW4 (2")
COOKSON EX3717NW4, EX3718NW4 (1.75"); EX3720NW4, EX3722NW4, EX3724NW4 (2")
HOLMES 240UW4, 244UW4 (2")
IDEAL C7X17W4, C7X18W4 (1.75"); C7X20W4, C7X22W4, C7X24W4 (2")

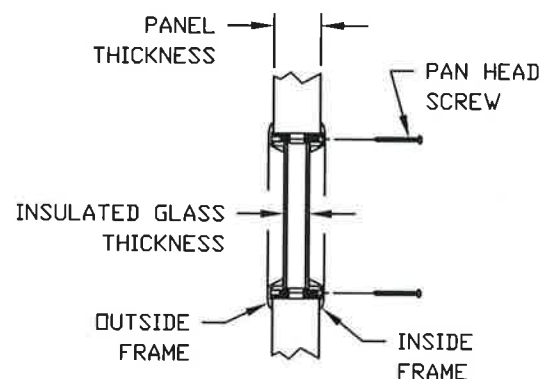
SHEET:
1 OF 2

REVISIONS

REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
00	-	1/9/15	-	S.H.	INITIAL RELEASE
01	-	4/15/15	-	SH	REVISED FOR RELEASE.
02	-	6/2/20	-	SH	REVISED JAMB FASTENERS
03	-	8/10/20	-	SH	UPDATED TITLE BLOCK AND REMOVED WIND CHART
04	-	02/2021	EN2836	-	ADDED 3" DOOR MODEL 3730
05	-	10/2021	-	-	ADDED EX MODELS.

MAX. DOOR SIZE:
9'-2" WIDE X 18'-0" HIGH

SECTION B-B (NON-IMPACT-RESISTANT GLAZING OPTION)



OPTIONAL ALUMINUM FULL VISION WINDOW LITE
SECTIONS AVAILABLE (1/8" DSB, 1/8" ACRYLIC, 1/4"
WIRE, 1/2" INSUL.). FULL VISION SECTIONS TO HAVE
SAME REINFORCEMENT AS OTHER SECTIONS. OPTIONAL
ACRYLIC IS PLASKOLITE OPTIX, AN APPROVED CC2
PLASTIC IN COMPLIANCE WITH IBC/FBC 2606.

12 GA. GALV. STEEL TOP ROLLER BRACKET. EACH
BRACKET ATTACHED W/(5) #14x5/8" SHEET METAL
SCREWS. ADJUSTABLE SLIDE ATTACHED TO TOP
BRACKET WITH (2) 1/4"x1/2" BOLTS AND NUTS PER
BRACKET.

2.4 PCF POLYURETHANE INSULATION.

SECTIONS ARE 1-3/4" MIN. THICK PANELS. EXTERIOR
27 GA. MIN. GALV. STEEL INTERIOR 27 GA. MIN.
GALV. STEEL. THE STUCCO EMBOSSED STEEL TEXTURE
IS PREPAINTED WITH A BAKED POLYESTER PAINT.
MINOR RIBS ARE PLACED EVERY 4 INCHES ALONG
THE WIDTH OF THE EXTERIOR PANELS.

TONGUE AND GROOVE JOINTS.

14 GA. GALV. ROLLER HINGE. EACH HINGE FASTENED
TO END STILES W/(4) #14x5/8" SHEET METAL AND
(4) 1/4"x3/4" SELF TAPPING SCREWS. (SEE VIEW "B")

NO REINFORCING STRUTS REQUIRED
TO MEET WIND LOAD.

12 GA. GALV. STEEL BOTTOM BRACKET.
ATTACHED WITH (4) #14x5/8" SHEET METAL SCREWS.

ALUMINUM EXTRUSION & VINYL WEATHERSTRIP.

SECTION A-A (SIDE VIEW)

DESIGN LOADS: +25.0 PSF & -25.0 PSF
TEST LOADS: +37.5 PSF & -37.5 PSF

MANUFACTURING PRODUCT CODE

C-DSIU-1D477

PART NO.: N/A

WINDLOAD RATING

W4 DP25

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

DESCRIPTION: 1-3/4" INTELICORE DOORS UP TO 9'2"W (SEE TABLE)

DRAWN BY: S.H. DATE: 9/16/14 SCALE: NTS DWG. B

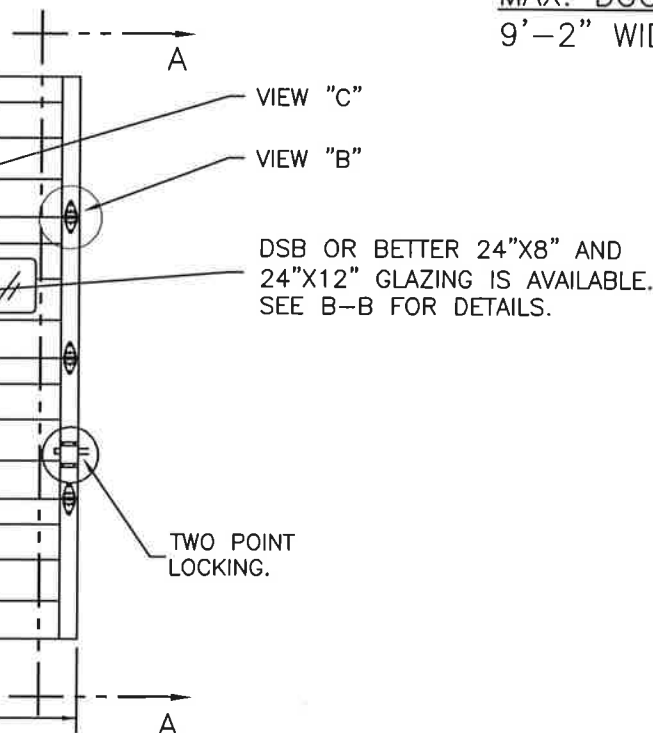
CHECKED BY: S.H. DATE: 9/16/14 SHEET 1 OF 2 SIZE B

DWG. NO.: 104993 VER: IBC

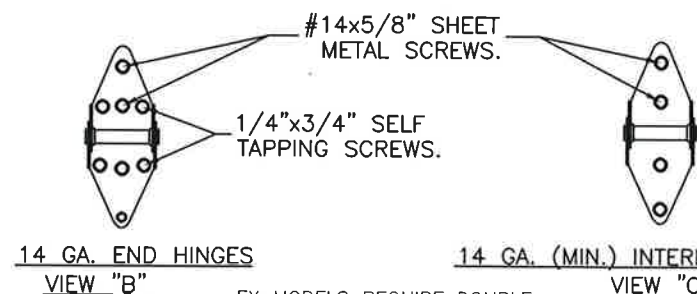
Unless Stated Otherwise
TOLERANCES are
.0 = ±.031
.00 = ±.015
.000 = ±.005
.0000 = ±.001
Degrees = ±1/2'

Unless Stated Otherwise
DIMENSIONS ARE IN INCHES.

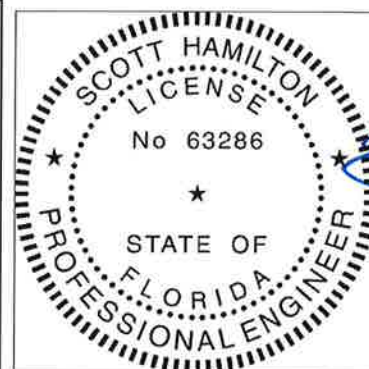
2 FLORIDA PRODUCT APPROVAL 17671



DOOR HEIGHT 'A'	NUMBER OF SECTIONS
8'-0"	4
9'-0"	5
10'-0"	5
11'-0"	6
12'-0"	6
13'-0"	7
14'-0"	7
15'-0"	8
16'-0"	8
17'-0"	9
18'-0"	9



EX MODELS REQUIRE DOUBLE
END STILES AND DOUBLE
END HINGES. SEE DETAIL A
ON SHEET 1.



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



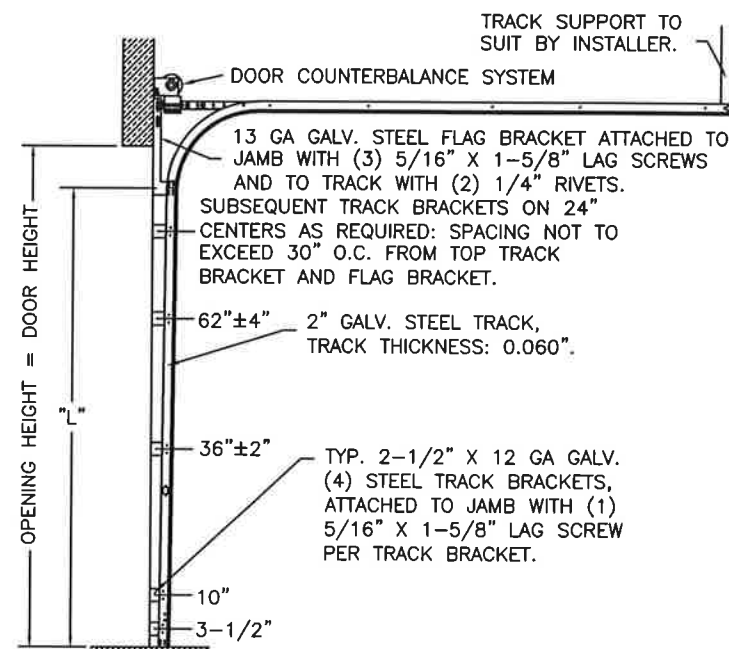
CLOPAY 3717W4, 3718W4 (1.75"); 3720W4 3722W4, 3724W4 (2"); 3730W4 (3")
EX3717W4, EX3718W4 (1.75"); EX3720W4, EX3722W4, EX3724W4 (2")
CORNELL EX3717LW4, EX3718LW4 (1.75"); EX3720LW4, EX3722LW4, EX3724LW4 (2")
COOKSON EX3717NW4, EX3718NW4 (1.75"); EX3720NW4, EX3722NW4, EX3724NW4 (2")
HOLMES 240UW4, 244UW4 (2")
IDEAL C7X17W4, C7X18W4 (1.75"); C7X20W4, C7X22W4, C7X24W4 (2")

SHEET:
2 OF 2

REVISIONS

REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
05	-	-	-	-	SEE REVISION HISTORY ON SHEET ONE.

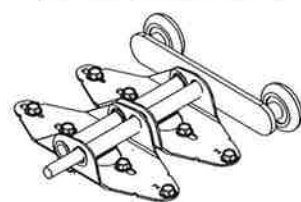
2" TRACK CONFIGURATION.



DOOR HEIGHT	"L"
6'-6"	70"
7'-0"	76"
7'-6"	82"
8'-0"	88"
8'-6"	94"
9'-0"	100"
9'-6"	106"
10'-0"	112"
10'-6"	118"
11'-0"	124"
11'-6"	130"
12'-0"	136"
12'-6"	142"
13'-0"	148"
13'-6"	154"
14'-0"	160"
14'-6"	166"
15'-0"	172"
15'-6"	178"
16'-0"	184"
16'-6"	190"
17'-0"	196"
17'-6"	202"
18'-0"	208"

NOTE 3" TRACK, DOUBLE TRACK HEADROOM, HI-LIFT TRACK, FOLLOW-THE-ROOF TRACK, AND VERTICAL LIFT TRACK ARE AVAILABLE OPTIONS. TRACK CONFIGURATION ABOVE THE DOOR OPENING DOES NOT AFFECT THE WIND LOAD RATING.

DETAIL A
EX MODELS REQUIRE TANDEM ROLLERS AND DOUBLE END HINGES. TOP AND BOTTOM ROLLERS ARE LONG STEM, SINGLE SHAFT.



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 24" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS.
OR
1/4"x3" TAPCON SCREWS ON 24" CENTERS (2,000 PSI MIN. CONCRETE) OR 24" CENTERS (GROUT-FILLED 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.

JAMB CONFIGURATION.

BRACKET MOUNT JAMB CONFIGURATION

2x6 SYP WOOD JAMB. REQUIRED FOR BRACKET MOUNT.

2-1/2" X 12 GA GALV. STEEL TRACK BRACKETS FASTENED TO WOOD JAMBS WITH 5/8" X 1-5/8" LAG SCREWS NOT TO EXCEED 30" ON-CENTER.

2" GALV. STEEL TRACK FASTENED TO 12 GA GALV STEEL TRACK BRACKETS WITH EITHER (2) 1/4" DIA. RIVETS.

OPTIONAL 1" OVERLAP EACH SIDE ON JAMB. MAX. OPENING WIDTH IS 9'0".

MIN. 18 GA. GALV. STEEL END STILE (END STILES HELD BY HINGE SCREWS). EX MODELS REQUIRE DOUBLE END STILES.

14 GA. GALV. STEEL CENTER HINGE FASTENED TO SECTION W/(4) EACH #14x5/8" SHEET METAL SCREWS.

14 GA. MIN. GALV. STEEL ROLLER HINGE FASTENED TO END STILES W/(4) EACH #14x5/8" SHEET METAL SCREWS. EX MODELS REQUIRE DOUBLE END STILES AND DOUBLE END HINGES. SEE DETAIL A.

2" STEEL ROLLER. EX MODELS REQUIRE TANDEM ROLLERS. SEE DETAIL A.

SECTION C-C

PREPARATION OF JAMBS BY OTHERS.

ANGLE MOUNT JAMB CONFIGURATION

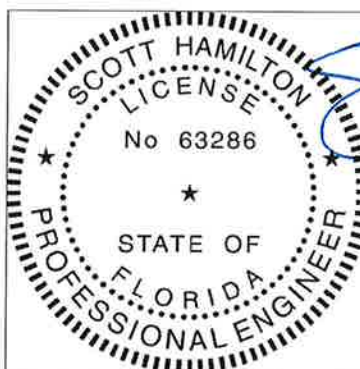
2x6 SYP JAMB (IF PRESENT; SEE JAMB NOTES BELOW).

VERTICAL TRACK TO BE CONTINUOUS OR REVERSE ANGLE. 1-3/4" X 2-1/4" X 12 GA. WALL ANGLE. 12 GA. TRACK CLIPS ATTACHED TO WALL ANGLE WITH TWO 1/4" RIVETS PER CLIP. TRACK CLIPS ARE ATTACHED TO TRACK WITH EITHER TWO 1/4" RIVETS OR ONE 1/4" BOLT AND NUT. ONE 5/16" X 1-5/8" LAG SCREW AT EACH TRACK CLIP LOCATION. ALSO TWO LAG SCREWS LOCATED ABOVE VERTICAL/HORIZONTAL TRACK JUNCTION.

NOTE: 2x6 WOOD JAMBS ARE NOT REQUIRED WITH CONTINUOUS ANGLE MOUNT TRACK. HOWEVER, IF DESIRED ON STEEL JAMBS OR CONCRETE OR BLOCK WALLS, APPROVED FASTENERS AS DETAILED BELOW SHOULD BE INCREASED IN LENGTH BY 1-1/2" AND INSTALLED DIRECTLY THROUGH THE ANGLE AND 2x6 WOOD JAMBS INTO THE STEEL JAMBS OR CONCRETE OR BLOCK WALLS. ANCHORS CAN BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE. CONTINUOUS ANGLE TRACK CAN BE ANCHORED DIRECTLY TO GROUT REINFORCED BLOCK WALL OR 3,000 PSI MIN. CONCRETE COLUMN OR STEEL JAMBS.

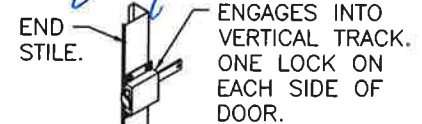
PREPARATION OF JAMBS BY OTHERS

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.



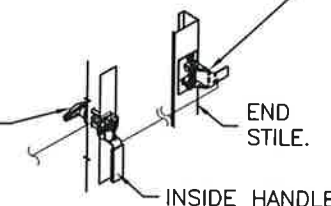
DESIGN ENGINEER:
SCOTT HAMILTON, P.E.
FLORIDA LICENSE No. 63286

INSIDE SLIDE BOLT LOCK OPTION.



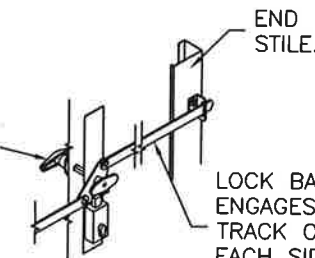
OUTSIDE KEYED HANDLE.

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



OUTSIDE KEYED LOCK WITH SNAP LATCH LOCK OPTION.

OUTSIDE HANDLE.



OUTSIDE KEYED LOCK WITH LOCK BAR LOCKING.

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

Unless Stated Otherwise
DIMENSIONS ARE IN INCHES.

DESIGN LOADS: +25.0 PSF & -25.0 PSF
TEST LOADS: +37.5 PSF & -37.5 PSF

Clopay
CORPORATION

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

DESCRIPTION: 1-3/4" INTELICORE DOORS UP TO 9'2"W (SEE TABLE)

DRAWN BY: S.H.

DATE: 9/16/14

SCALE: NTS

CHECKED BY: S.H.

DATE: 9/16/14

SHEET 2 OF 2

DWG. NO.: 104993

VER: IBC

MANUFACTURING PRODUCT CODE
C-DSIU-1D477

PART NO.: N/A

WINDLOAD RATING
W4 DP25

DWG. B