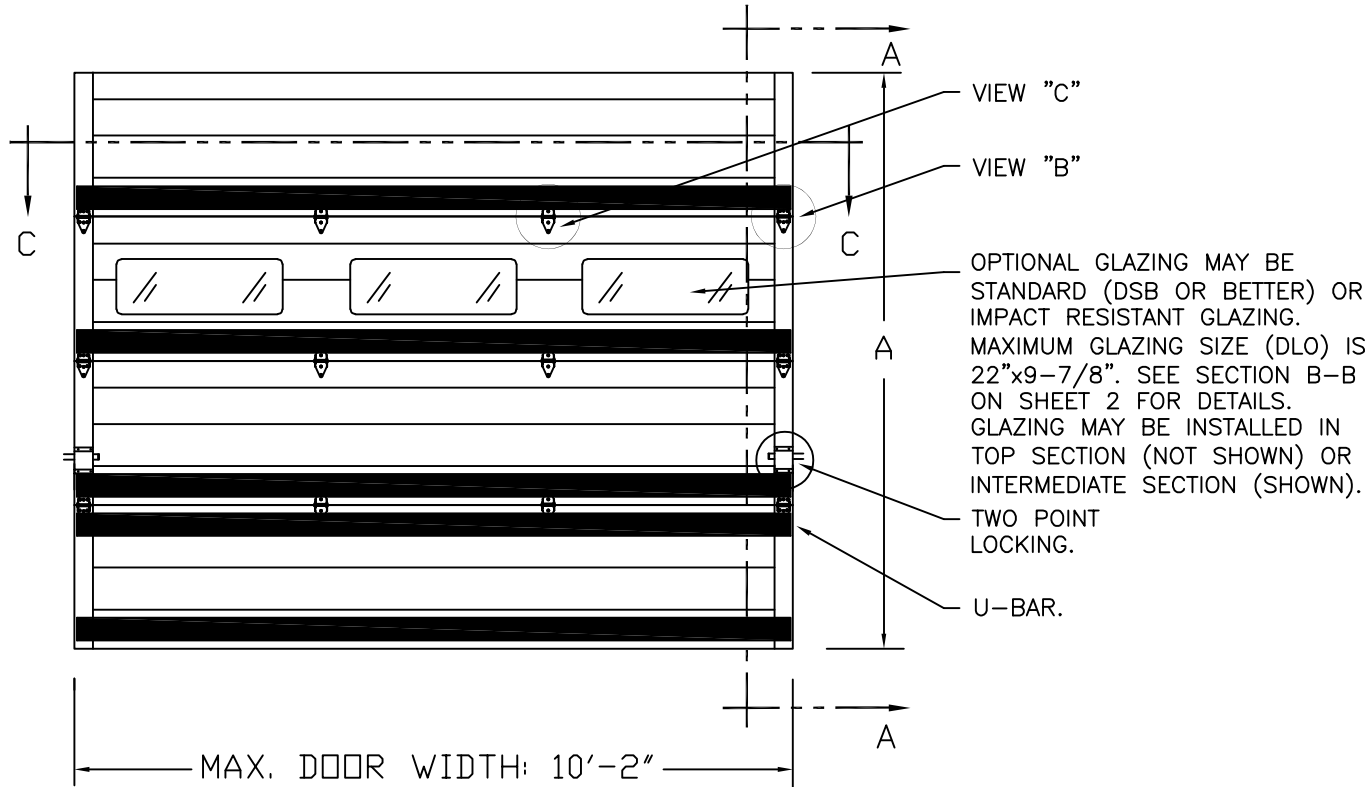


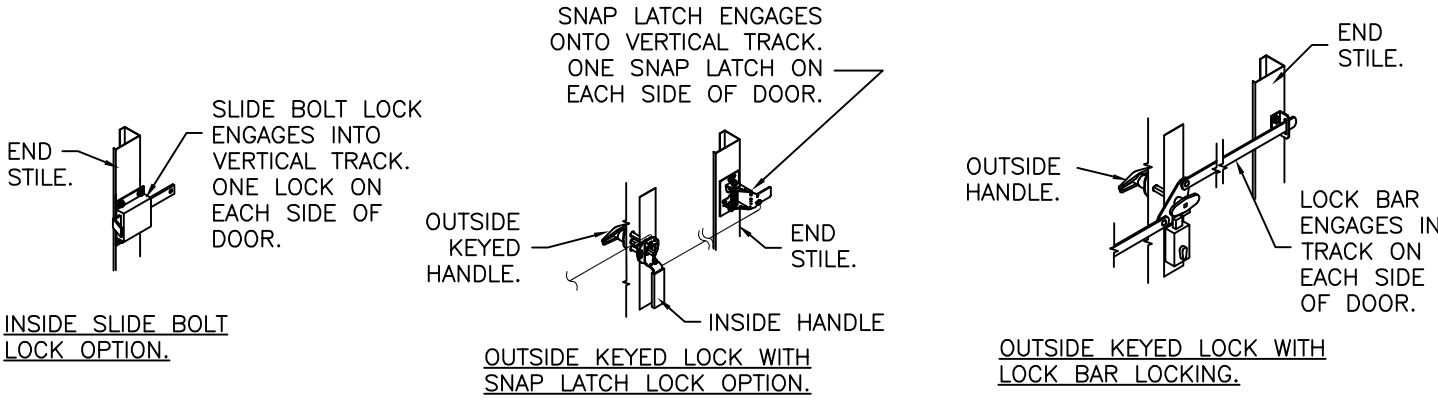
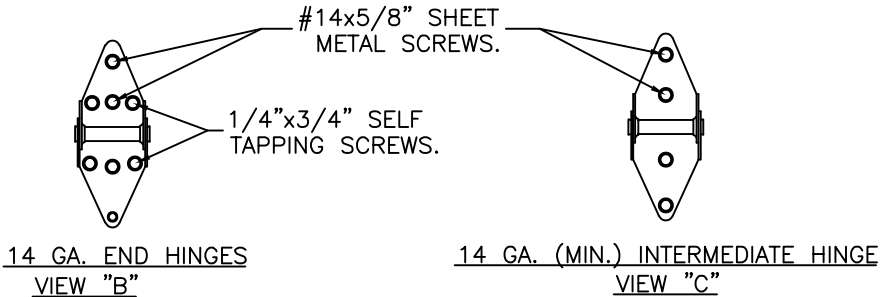
CLOPAY / IDEAL / HOLMES						
3717	/	C7X17	/	--	/	27GA 1.75" THICK MINOR RIB
3718	/	C7X18	/	--	/	27GA 1.75" THICK FLUSH
3720	/	C7X20	/	240U	/	27GA 2" THICK MINOR RIB
3722	/	COX22	/	--	/	20GA 2" THICK FLUSH
3724	/	C7X24	/	244U	/	24GA 2" THICK MINOR RIB
3730	/	--	/	--	/	27GA 3" THICK MINOR RIB

SHEET:
1 OF 4

REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
05	-	7/11/14	-	SH	REVISED TRACK LAYOUT ON SHT 4.
06	-	8/10/20	-	SH	UPDATED TITLE BLOCK AND REMOVED WIND CHART
07	-	3/6/25	-	JDW	ADDED MODEL 3730
08	-	10/3/25	-	JDW	UPDATED IMPACT RESISTANT GLAZING DETAILS



DOOR HEIGHT 'A'	NUMBER OF SECTIONS
UP TO 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



James D. Wheeler

License

No. 91932

State of Florida

Professional Engineer

Digitally signed by Jim Wheeler

Date: 2026.08.19 18:33:49

10400'

DESIGN ENGINEER:

JAMES D. WHEELER, P.E.

FLORIDA LICENSE No. 91932

DESIGN LOADS: +37.0 P.S.F. & -44.0 P.S.F.
TEST LOADS: +55.5 P.S.F. & -66.0 P.S.F.

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

Clopay

CORPORATION

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

MANUFACTURING PRODUCT CODE
C-DSIU-1D477

PART NO.: N/A

WINDLOAD RATING
W6 DP37

DESCRIPTION: 1-3/4" INTELICORE DOORS UP TO 10'2"W (SEE TABLE)

DRAWN BY: SH

DATE: 2/10/14

CHECKED BY: SH

DATE: 2/10/14

DWG. NO.: 104039 - A/B

VER: IBC

SCALE: NTS

DWG. SIZE B

FLORIDA PRODUCT APPROVAL 48387.8

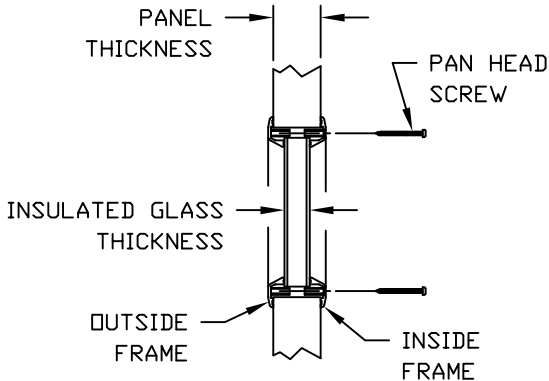
CLOPAY	/	IDEAL	/	HOLMES	
3717	/	C7X17	/	--	/ 27GA 1.75" THICK MINOR RIB
3718	/	C7X18	/	--	/ 27GA 1.75" THICK FLUSH
3720	/	C7X20	/	240U	/ 27GA 2" THICK MINOR RIB
3722	/	COX22	/	--	/ 20GA 2" THICK FLUSH
3724	/	C7X24	/	244U	/ 24GA 2" THICK MINOR RIB
3730	/	--	/	--	/ 27GA 3" THICK MINOR RIB

SHEET: 2 OF 4	REVISIONS					
	REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
	08	—	—	—	—	SEE REVISION HISTORY ON SHEET ONE.

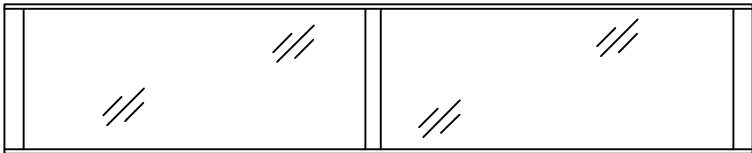
STANDARD ASSEMBLY CONSTRUCTION:
OPTIONAL LITES WITH DSB OR TEMPERED INSULATED GLAZING AVAILABLE. OPTIONAL FULL VISION SECTIONS WITH DSB OR BETTER GLAZING AVAILABLE.

THE ENTIRE DOOR ASSEMBLY INSTALLED IN COMPLIANCE WITH THIS SECTION 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).

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



NON-IMPACT-RESISTANT
FULL VISION SECTION 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.

STANDARD ASSEMBLY DETAILS
DRAWING 104039-B

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

DESIGN LOADS: +37.0 P.S.F. & -44.0 P.S.F.
TEST LOADS: +55.5 P.S.F. & -66.0 P.S.F.

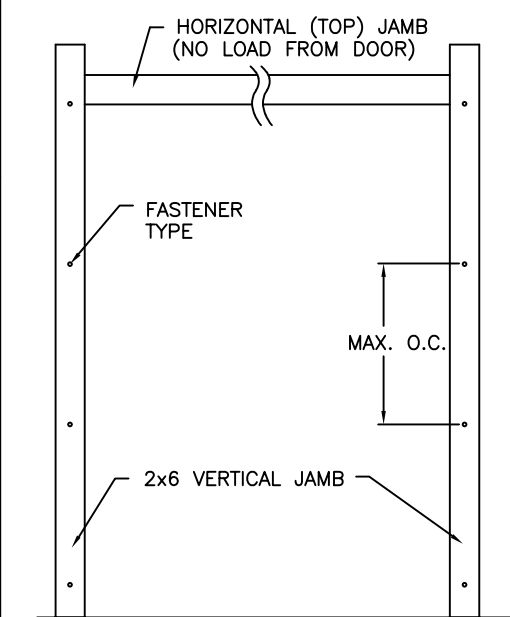
Unless Stated Otherwise
TOLERANCES are
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.000 = ±.005
.0000 = ±.001
Degrees = ±1/2'

Unless Stated Otherwise
DIMENSIONS ARE IN INCHES.

8585 Duke Boulevard Mason, OH 45040 USA Tel. No. 513-770-4800 Fax No. 513-770-4853		WINDLOAD RATING W6 DP37	
DESCRIPTION: 1-3/4" INTELICORE DOORS UP TO 10'2"W (SEE TABLE)		DWG. B	
DRAWN BY: SH	DATE: 2/10/14	SCALE: NTS	SHEET 2 OF 4
CHECKED BY: SH	DATE: 2/10/14	VER: IBC	
DWG. NO.: 104039 - A/B			

FLORIDA PRODUCT APPROVAL 48387.8

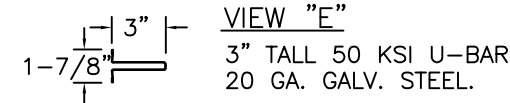
CLOPAY / IDEAL / HOLMES				SHEET: 3 OF 4				REVISIONS			
3717	/	C7X17	/	--	/	27GA	1.75"	THICK	MINOR	RIB	REV. NO. ZONE: DATE: ECN NO. APPVD: DESCRIPTION
3718	/	C7X18	/	--	/	27GA	1.75"	THICK	FLUSH		08 - - - - SEE REVISION HISTORY ON SHEET ONE.
3720	/	C7X20	/	240U	/	27GA	2"	THICK	MINOR	RIB	
3722	/	COX22	/	--	/	20GA	2"	THICK	FLUSH		
3724	/	C7X24	/	244U	/	24GA	2"	THICK	MINOR	RIB	
3730	/	--	/	--	/	27GA	3"	THICK	MINOR	RIB	



JAMB TO SUPPORTING STRUCTURE ATTACHMENT

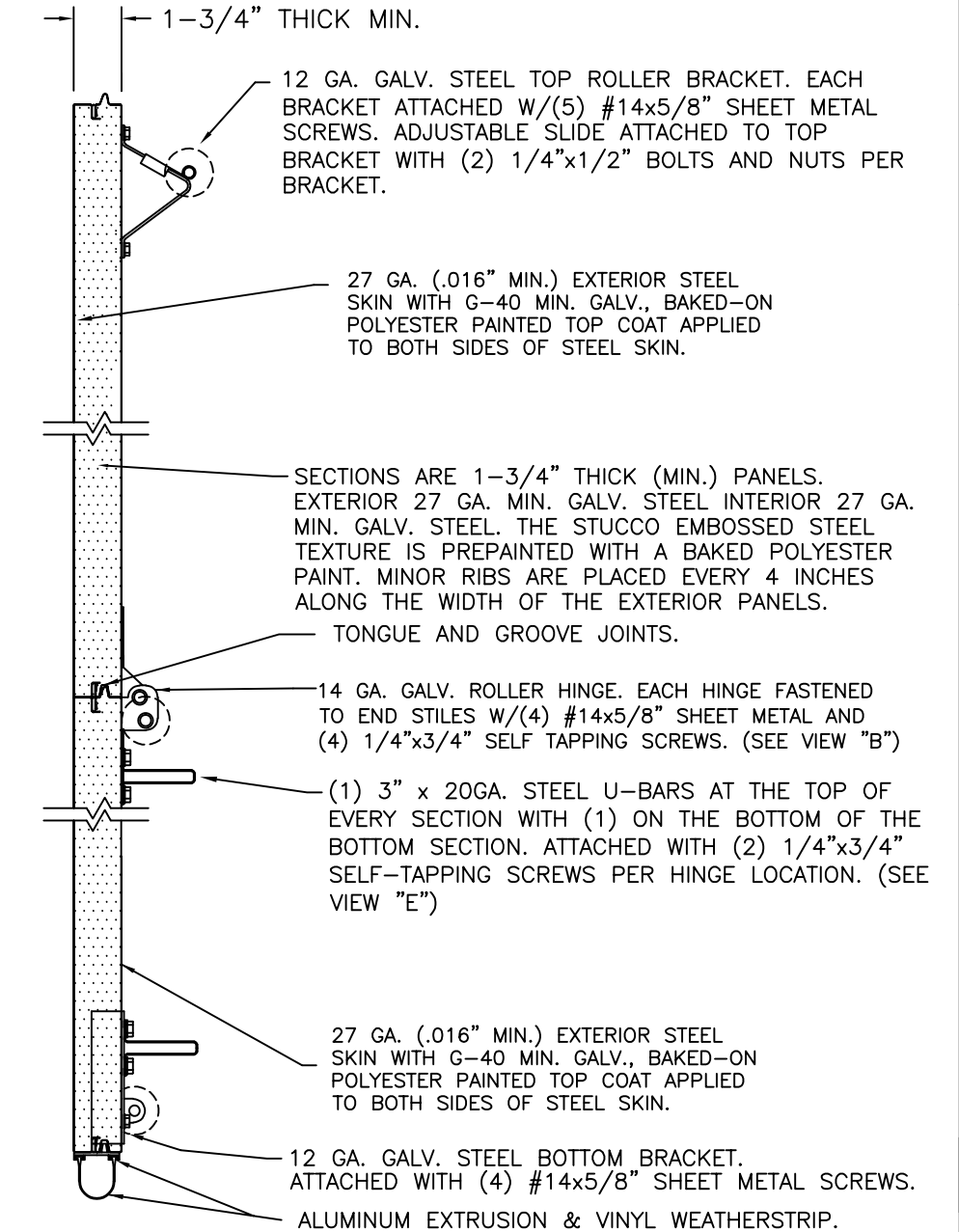
- NOTES:
- ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE TRACK AND THEN FROM THE TRACK TO THE 2x6 VERTICAL SYP (GRADE #2 OR BETTER) JAMBS. NO LOAD FROM THE DOOR IS TRANSFERRED TO THE HORIZONTAL (TOP) JAMB.
 - EACH VERTICAL JAMB SEES A MAXIMUM DESIGN LOAD OF +185 LB & -220 LB. PER LINEAR FOOT OF JAMB.
 - ALL JAMB FASTENERS MAY BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
 - A 1/3 STRESS INCREASE FOR WIND LOAD WAS NOT USED IN THE CALCULATION OF ALLOWABLE LOADS FOR ANCHORS AND FASTENERS FOR STEEL, CONCRETE AND MASONRY.

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.



VIEW "E"

3" TALL 50 KSI U-BAR
20 GA. GALV. STEEL.



SECTION A-A (SIDE VIEW)

FASTENER ATTACHMENT TO SUPPORTING STRUCTURE SCHEDULES

BUILDING TYPE	FASTENER TYPE	MAXIMUM ON-CENTER DISTANCE BETWEEN FASTENERS*	STEEL WASHERS REQUIRED?
HOLLOW BLOCK WALL	1/4" x 1-1/4" MIN. EMBED ULTRACON CONCRETE ANCHOR	9"	1" O.D.
GROUT FILLED BLOCK WALL	1/4" x 1-3/4" MIN. EMBED ULTRACON CONCRETE ANCHOR	14-3/4"	1" O.D.
2000 PSI MIN. CONCRETE	1/4" x 1" MIN. EMBED ULTRACON CONCRETE ANCHOR	12-3/4"	1" O.D.
2000 PSI MIN. CONCRETE	1/4" x 1" MIN. EMBED TAPCON CONCRETE ANCHOR	7-1/2"	1" O.D.
2000 PSI MIN. CONCRETE	3/8" x 1-3/4" MIN. EMBED WEJ-IT ANKR TITE SLEEVE ANCHOR	24"	INCLUDED
4000 PSI MIN. CONCRETE	3/8" x 1-3/4" MIN. EMBED WEJ-IT ANKR TITE SLEEVE ANCHOR	24"	INCLUDED
WOOD FRAME (SYP 0.55 SG)	1/2" x 3" LAG SCREW (ASTM A307, GRADE A) 1-5/8" EMBED INTO STRUCTURE	24"	1" O.D.
14GA STEEL (0.060" MIN.)	1/4"-14 x 1" ITW BUILDEX TEKS SELF-DRILLING FASTENER	12-1/4"	1" O.D.
12GA STEEL (0.105" MIN.)	1/4"-14 x 1" ITW BUILDEX TEKS SELF-DRILLING FASTENER	21-1/2"	1" O.D.
1/8" STEEL	1/4"-14 x 1" ITW BUILDEX TEKS SELF-DRILLING FASTENER	24"	1" O.D.

* 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.
CLOPAY DOES NOT SUPPLY JAMB ATTACHMENT FASTENERS.
MINIMUM DISTANCE BETWEEN CENTER OF ANCHOR AND EDGE OF CONCRETE BLOCK: 2-1/2", EXCLUDING STUCCO THICKNESS.

DESIGN ENGINEER:
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MANUFACTURING PRODUCT CODE C-DSIU-1D477			
PART NO.: N/A			
WINDLOAD RATING W6 DP37			
DESCRIPTION: 1-3/4" INTELLICORE DOORS UP TO 10'2"W (SEE TABLE)			
DRAWN BY: SH	DATE: 2/10/14	SCALE: NTS	DWG. SIZE B
CHECKED BY: SH	DATE: 2/10/14	SHEET 3 OF 4	
DWG. NO.: 104039 - A/B		VER: IBC	

