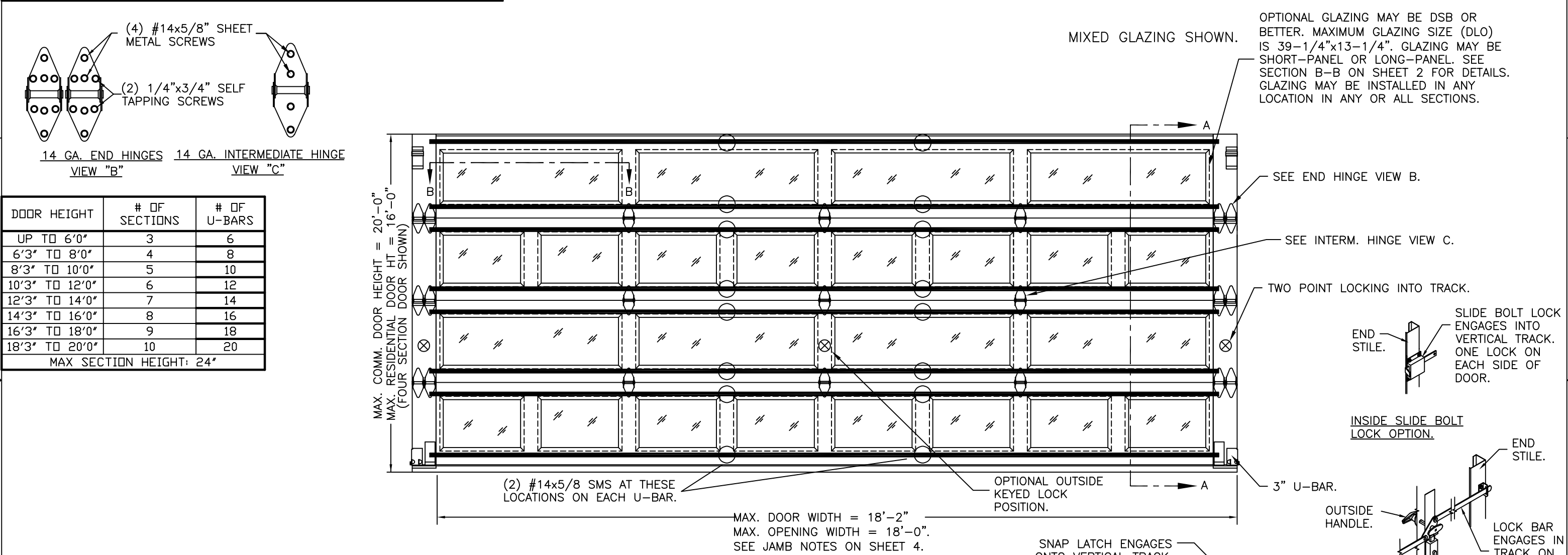


4		3		2		1					
BRAND	MODERN STEEL		COMMERCIAL DOORS		SHEET: 1 OF 4	REVISIONS					
	FLUSH	GROOVED	FLUSH	GROOVED		REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
CLOPAY	9208, HDPC2	9209, HDPCR2	3728	3729		00	—	11/11/22	—	JDW	INITIAL RELEASE.
HOLMES	7208	7209	--	--		01	—	3/23/23	EN2903R01	JDW	REMOVED BACKER PLATES.

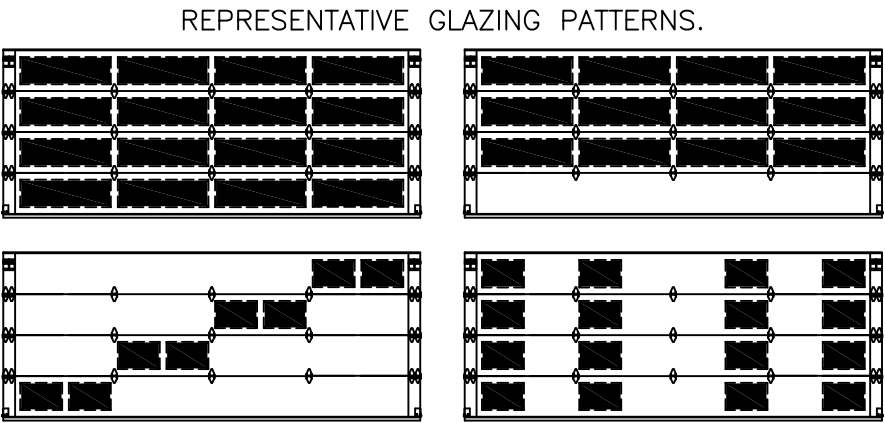


DOOR HEIGHT	# OF SECTIONS	# OF U-BARS
UP TO 6'0"	3	6
6'3" TO 8'0"	4	8
8'3" TO 10'0"	5	10
10'3" TO 12'0"	6	12
12'3" TO 14'0"	7	14
14'3" TO 16'0"	8	16
16'3" TO 18'0"	9	18
18'3" TO 20'0"	10	20
MAX SECTION HEIGHT: 24"		

Digitally signed by Jim Wheeler
Date: 2025.12.15 13:40:42 -05'00'

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

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



GLAZING MAY BE IN ANY LOCATION IN ANY OR ALL SECTIONS. THESE PATTERNS ARE REPRESENTATIVE OF THE APPROVED CONFIGURATIONS. NOT ALL CONFIGURATIONS ARE AVAILABLE AS STANDARD PRODUCT. CONSULT FACTORY FOR DETAILS.

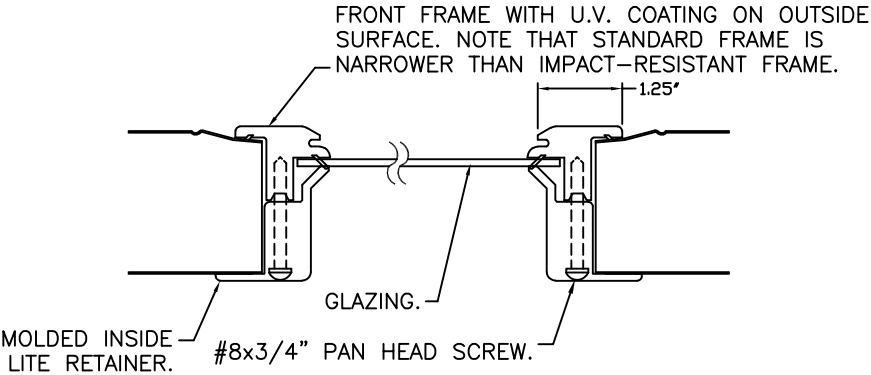
DESIGN LOADS: +/- 25.0 P.S.F.. TEST LOADS: +/- 37.5 P.S.F.		MANUFACTURING PRODUCT CODE DSIU-1F477	
TOLERANCES are .0 = ±.031 .00 = ±.015 .000 = ±.005 .0000 = ±.001 Degrees = ±1/2°		PART NO.: N/A	
Unless Stated Otherwise DIMENSIONS ARE IN INCHES.		WINDLOAD RATING W4 DP25	
Clopay Building Products Company 8585 Duke Boulevard Mason, OH 45040 USA Tel. No. 513-770-4800 Fax No. 513-770-4853		DESCRIPTION: MODERN STEEL 2" INTELICORE +/- 25 PSF TO 18' W	
DRAWN BY: JDW		DATE: 11/7/22	SCALE: NTS
CHECKED BY: JDW		DATE: 11/11/22	DWG. SIZE B
DWG. NO.: 105847		SHEET 1 OF 4	
		VER: IBC	

BRAND	MODERN STEEL		COMMERCIAL DOORS	
	FLUSH	GROOVED	FLUSH	GROOVED
CLOPAY	9208, HDPCC2	9209, HDPCR2	3728	3729
HOLMES	7208	7209	--	--

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

STANDARD ASSEMBLY CONSTRUCTION:
OPTIONAL DSB OR 1/8" ACYRLIC LITES AVAILABLE. OPTIONAL ACRYLIC GLAZING IS PLASKOLITE OPTIX OR LUCITE CP APPROVED CC2 PLASTIC IN ACCORDANCE WITH IBC/FBC 2606.
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)



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

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TEST LOADS: +/- 37.5 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
Building Products Company
8585 Duke Boulevard
Mason, OH 45040 USA
Tel. No. 513-770-4800
Fax No. 513-770-4853

DESCRIPTION: MODERN STEEL 2" INTELLICORE +/- 25 PSF TO 18' W
DRAWN BY: JDW
CHECKED BY: JDW
DWG. NO.: 105847
DATE: 11/7/22
DATE: 11/11/22
SCALE: NTS
SHEET 2 OF 4
VER: IBC

MANUFACTURING PRODUCT CODE
DSIU-1F477

PART NO.: N/A

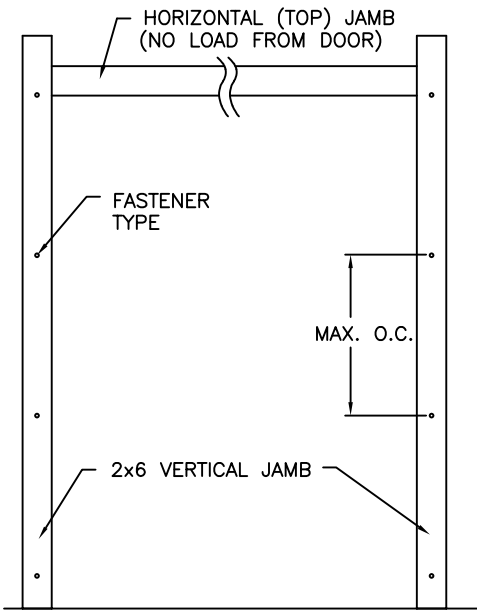
WINDLOAD RATING
W4 DP25

DWG. SIZE
B

BRAND	MODERN STEEL		COMMERCIAL DOORS	
	FLUSH	GROOVED	FLUSH	GROOVED
CLOPAY	9208, HDPCC2	9209, HDPCR2	3728	3729
HOLMES	7208	7209	--	--

SHEET:
3 OF 4

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



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 +208 LB & -224 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.

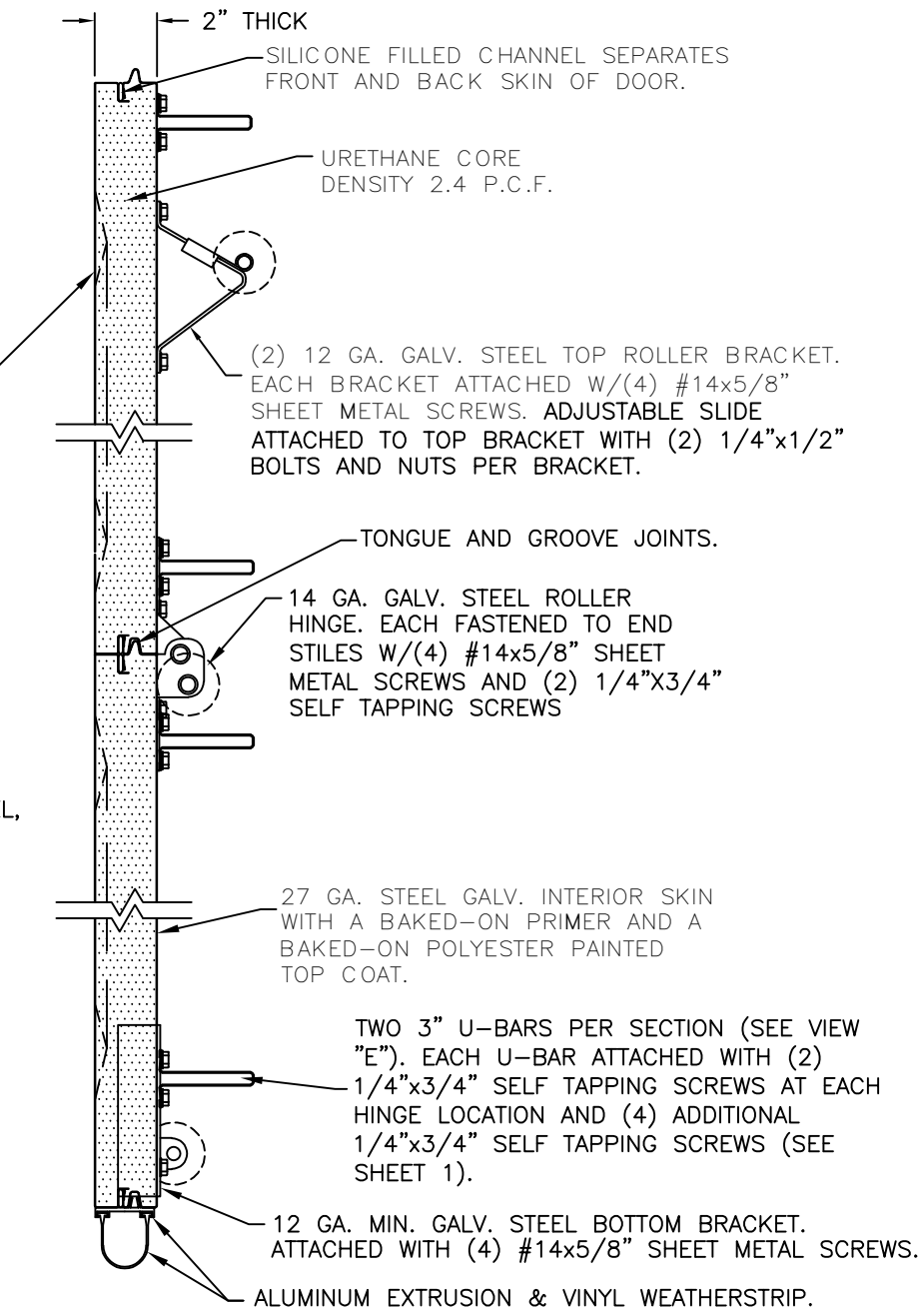
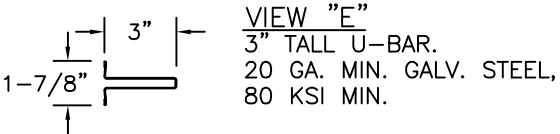
2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT (NOT TO BE USED FOR ATTACHMENT OF TRACK ANGLE TO 2x6 VERTICAL JAMBS)

BUILDING TYPE	FASTENER TYPE	MAXIMUM ON-CENTER DISTANCE BETWEEN FASTENERS*	STEEL WASHERS REQUIRED
HOLLOW CMU BLOCK WALL	1/4" x 1-1/4" MIN. EMBED ULTRACON CONCRETE ANCHOR	7 1/4"	1" O.D.
GROUT-FILLED CMU BLOCK	1/4" x 1-1/4" MIN. EMBED ULTRACON CONCRETE ANCHOR	12"	1" O.D.
2000 PSI MIN. CONCRETE	1/4" x 1-3/4" MIN. EMBED ULTRACON CONCRETE ANCHOR	10 1/2"	1" O.D.
2000 PSI MIN. CONCRETE	1/4" x 1-3/4" MIN. EMBED TAPCON CONCRETE ANCHOR	10"	1" O.D.
2000 PSI MIN. CONCRETE	3/8" X 1-3/4" MIN. EMBED WEJ-IT ANKR TITE SLEEVE ANCHOR	22 1/4"	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	10"	1" O.D.
12GA STEEL (0.105" MIN.)	1/4"-14 x 1" ITW BUILDEX TEKS SELF-DRILLING FASTENER	17 1/2"	1" O.D.
1/8" STEEL	1/4"-14 x 1" ITW BUILDEX TEKS SELF-DRILLING FASTENER	21"	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: 2-1/2", EXCLUDING STUCCO THICKNESS. EXCEPTION FOR TAPCON -- MINIMUM EDGE DISTANCE FOR TAPCON FASTENER IS 1-1/4", EXCLUDING STUCCO THICKNESS.

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



SECTION A-A (SIDE VIEW)

DESIGN LOADS: +/- 25.0 P.S.F..
TEST LOADS: +/- 37.5 P.S.F.

Unless Stated Otherwise
TOLERANCES are
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.00 = ±.015
.000 = ±.005
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Degrees = ±1/2'
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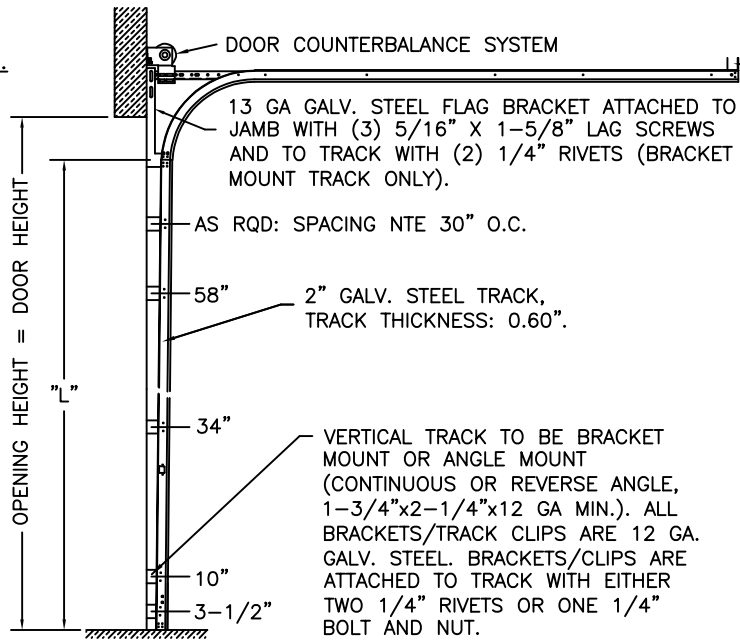
MANUFACTURING PRODUCT CODE DSIU-1F477			
PART NO.: N/A			
WINDLOAD RATING W4 DP25			
DESCRIPTION: MODERN STEEL 2" INTELICORE +/- 25 PSF TO 18' W			
DRAWN BY: JDW	DATE: 11/7/22	SCALE: NTS	DWG. SIZE B
CHECKED BY: JDW	DATE: 11/11/22	SHEET 3 OF 4	
DWG. NO.: 105847		VER: IBC	

BRAND	MODERN STEEL		COMMERCIAL DOORS	
	FLUSH	GROOVED	FLUSH	GROOVED
CLOPAY	9208, HDPCC2	9209, HDPCR2	3728	3729
HOLMES	7208	7209	--	--

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

2" TRACK CONFIGURATION.

NOTE 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.



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"

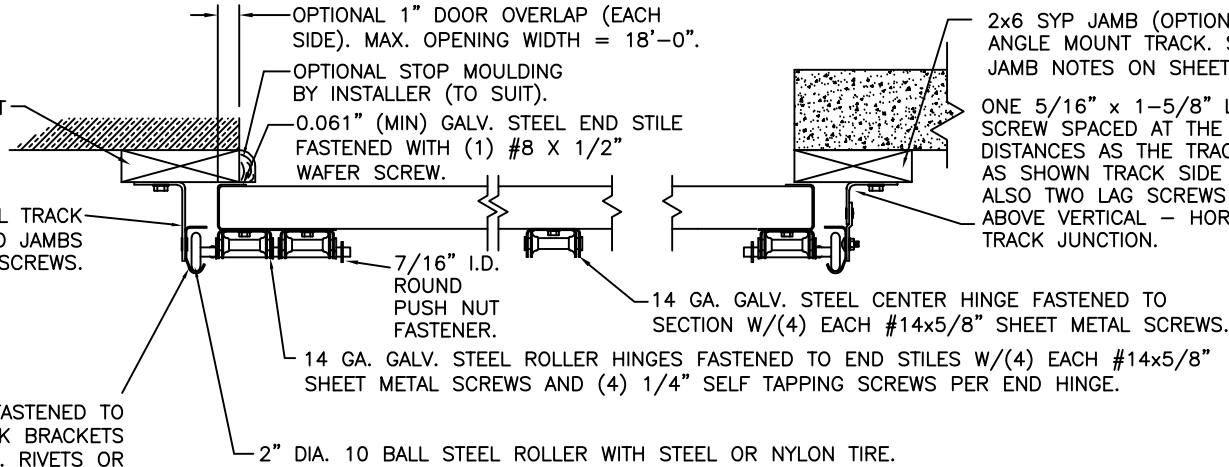
HORIZONTAL TRACK SUPPORT BY DOOR INSTALLER (TO SUIT).

2x6 SYP WOOD JAMB. REQUIRED FOR BRACKET MOUNT.

2-1/2" X 12 GA GALV. STEEL TRACK BRACKETS FASTENED TO WOOD JAMBS WITH 5/16" X 1-5/8" LAG SCREWS.

2" GALV. STEEL TRACK FASTENED TO 12 GA GALV STEEL TRACK BRACKETS WITH EITHER (2) 1/4" DIA. RIVETS OR (1) 1/4" X 5/8" BOLT & NUT PER TRACK BRACKET.

BRACKET MOUNT JAMB CONFIGURATION



SECTION C-C

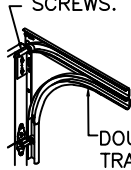
PREPARATION OF JAMBS BY OTHERS.

JAMB CONFIGURATION.

ANGLE MOUNT JAMB CONFIGURATION (CONTINUOUS ANGLE SHOWN, REVERSE ANGLE ALSO APPROVED)

2x6 SYP JAMB (OPTIONAL FOR ANGLE MOUNT TRACK. SEE JAMB NOTES ON SHEET 3). ONE 5/16" x 1-5/8" LAG SCREW SPACED AT THE SAME DISTANCES AS THE TRACK CLIPS AS SHOWN TRACK SIDE VIEW. ALSO TWO LAG SCREWS LOCATED ABOVE VERTICAL - HORIZONTAL TRACK JUNCTION.

LHR BRACKET (2-1/2" x 5-3/4" x 12GA) ATTACHED WITH (2) 1/4" x 3/4" SELF TAPPING SCREWS.



DOUBLE TRACK LOW HEADROOM OPTION

DOUBLE HORIZONTAL TRACK.

3" TRACK IS ALSO AVAILABLE.

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DWG. NO.: 105847	VER: IBC		

MANUFACTURING PRODUCT CODE DSIU-1F477
PART NO.: N/A

WINDLOAD RATING
W4 DP25