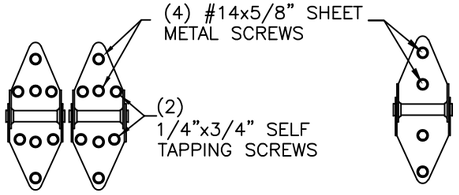
BRAND	MODERN STEEL		COMMERCIAL DOORS	
	FLUSH	GROOVED	FLUSH	GROOVED
CLOPAY	9208, HDPCC2	9209, HDPCR2	3728	3729
HOLMES	7208	7209	--	--

SHEET: 1 OF 5

REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
00	–	11/11/22	–	JDW	INITIAL RELEASE.



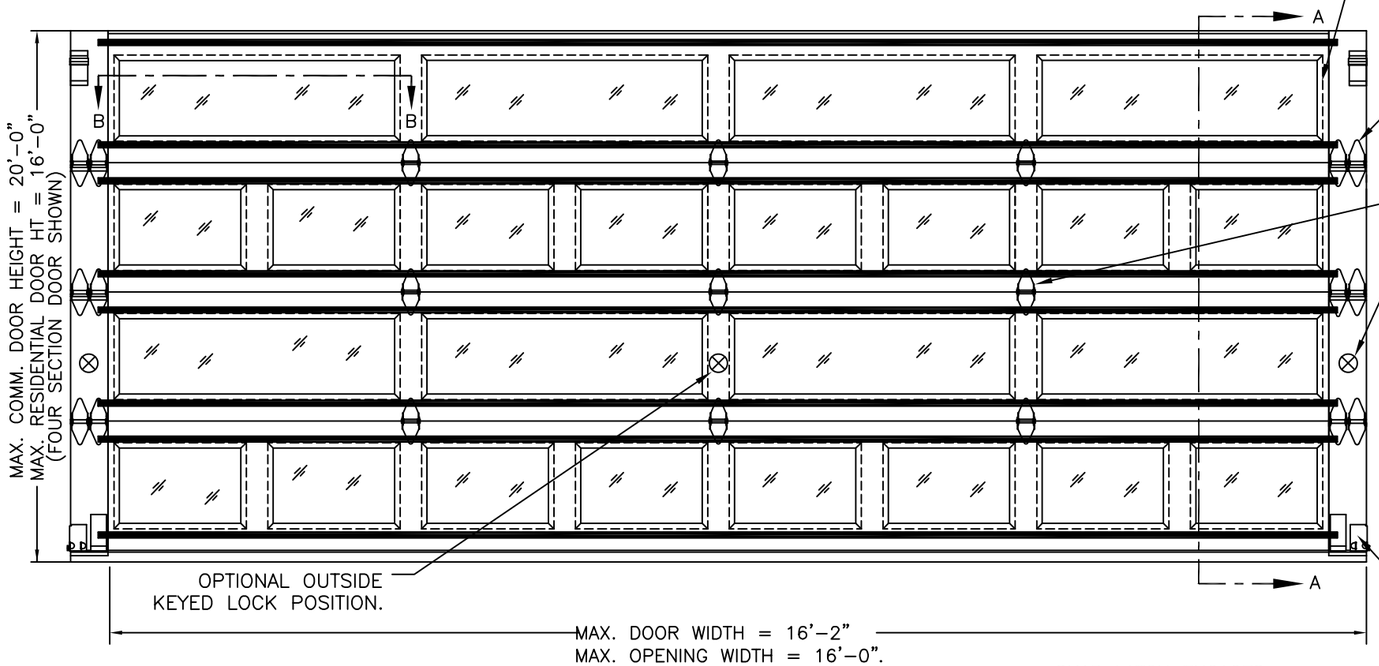
14 GA. END HINGES VIEW "B"

14 GA. INTERMEDIATE HINGE VIEW "C"

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"		

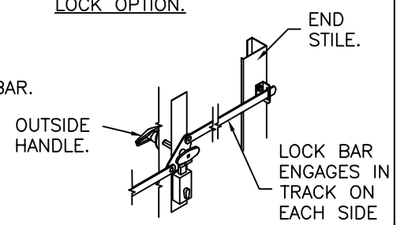
MIXED GLAZING SHOWN.

OPTIONAL GLAZING MAY BE DSB OR BETTER. MAXIMUM GLAZING SIZE (DLO) IS 39–1/4"x13–1/4". GLAZING MAY BE SHORT–PANEL OR LONG–PANEL. SEE SECTION B–B ON SHEET 2 FOR DETAILS. GLAZING MAY BE INSTALLED IN ANY LOCATION IN ANY OR ALL SECTIONS.

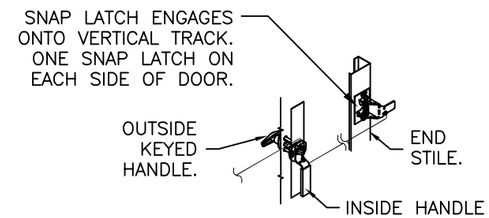




INSIDE SLIDE BOLT LOCK OPTION.

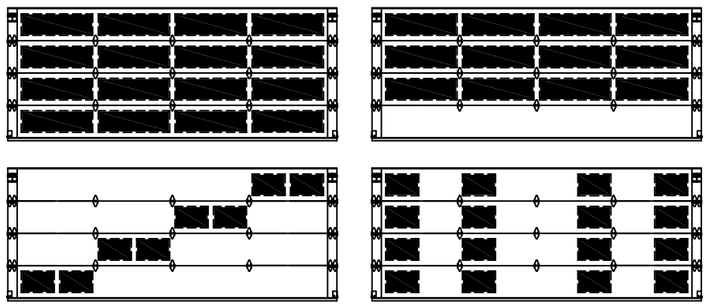


OUTSIDE KEYED LOCK WITH LOCK BAR LOCKING.



OUTSIDE KEYED LOCK WITH SNAP LATCH LOCK OPTION.

REPRESENTATIVE GLAZING PATTERNS.



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.

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

Digitally signed by Jim Wheeler
Date: 2025.12.15 13:37:50 -05'00'

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

DESIGN LOADS: +26.0 P.S.F. & –28.0 P.S.F.
TEST LOADS: +39.0 P.S.F. & –42.0 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 Building Products Company
8585 Duke Boulevard
Mason, OH 45040 USA
Tel. No. 513–770–4800
Fax No. 513–770–4853

MANUFACTURING PRODUCT CODE: DSIU-1F477

PART NO.: N/A

WINDLOAD RATING: W4 DP26

DESCRIPTION: MODERN STEEL 2" INTELLICORE +26/–28 PSF TO 16' W

DRAWN BY: JDW	DATE: 11/7/22	SCALE: NTS	DWG. SIZE B
CHECKED BY: JDW	DATE: 11/11/22	SHEET 1 OF 4	
DWG. NO.: 105898		VER: IBC	

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

SHEET: 2 OF 5

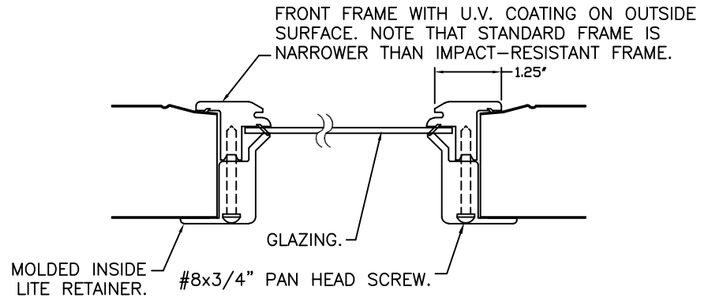
REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
00	–	–	–	–	SEE REVISION HISTORY ON SHEET ONE.

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 LOADS: +26.0 P.S.F. & –28.0 P.S.F.
TEST LOADS: +39.0 P.S.F. & –42.0 P.S.F.

MANUFACTURING PRODUCT CODE: DSIU-1F477

PART NO.: N/A

WINDLOAD RATING: W4 DP26

Unless Stated Otherwise TOLERANCES are
.0 = ±.031
.00 = ±.015
.000 = ±.005
.0000 = ±.001
Degrees = ±1/2°
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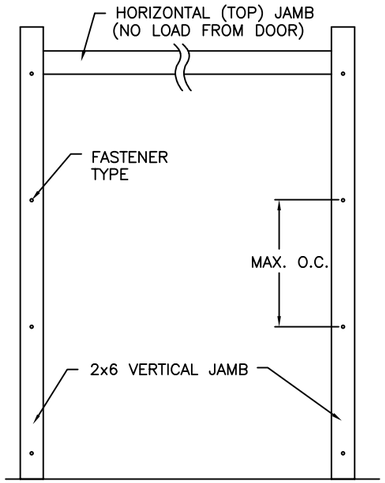
DRAWN BY: JDW	DATE: 11/7/22	SCALE: NTS	DWG. SIZE B
CHECKED BY: JDW	DATE: 11/11/22	SHEET 2 OF 4	
DWG. NO.: 105898		VER: IBC	

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

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

SHEET: 3 OF 5

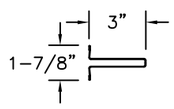
REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
00	–	–	–	–	SEE REVISION HISTORY ON SHEET ONE.



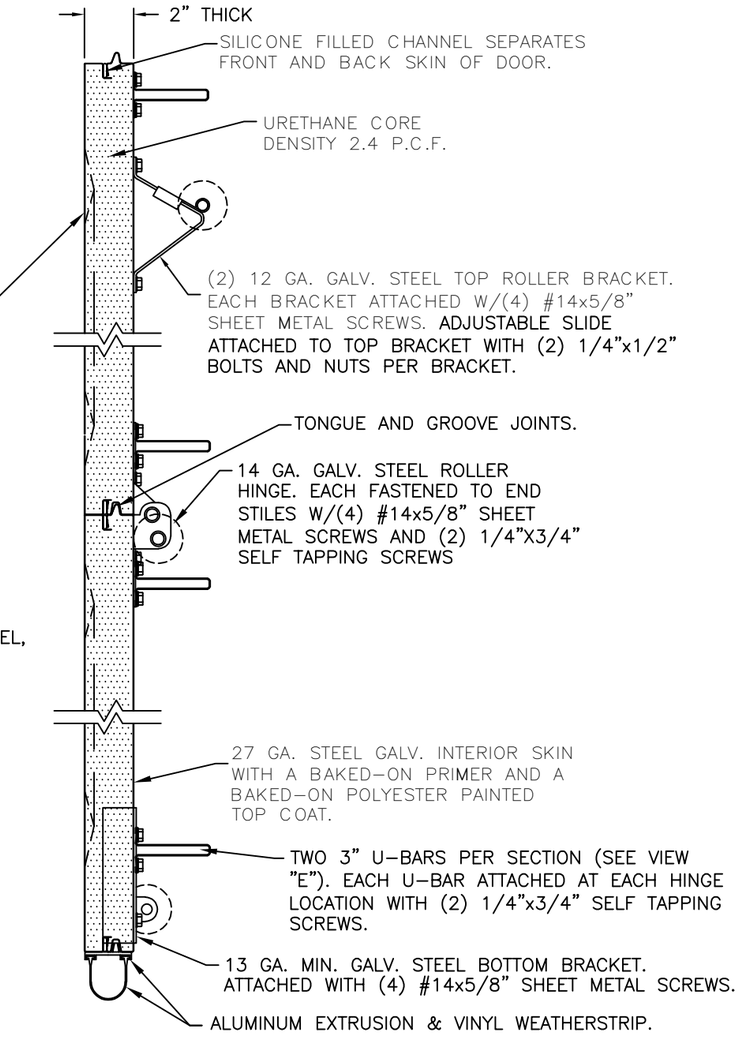
JAMB TO SUPPORTING STRUCTURE ATTACHMENT

NOTES:
1. 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.
2. EACH VERTICAL JAMB SEES A MAXIMUM DESIGN LOAD OF +208 LB & –224 LB. PER LINEAR FOOT OF JAMB.
3. ALL JAMB FASTENERS MAY BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
4. 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 U–BAR.
20 GA. MIN. GALV. STEEL,
80 KSI MIN.



SECTION A–A (SIDE VIEW)

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	8"	1" O.D.
GROUT–FILLED CMU BLOCK	1/4" x 1–1/4" MIN. EMBED ULTRACON CONCRETE ANCHOR	13 1/4"	1" O.D.
2000 PSI MIN. CONCRETE	1/4" x 1–3/4" MIN. EMBED ULTRACON CONCRETE ANCHOR	11 1/2"	1" O.D.
2000 PSI MIN. CONCRETE	1/4" x 1–3/4" MIN. EMBED TAPCON CONCRETE ANCHOR	10 3/4"	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	11"	1" O.D.
12GA STEEL (0.105" MIN.)	1/4"–14 x 1" ITW BUILDEX TEKS SELF–DRILLING FASTENER	19 1/4"	1" O.D.
1/8" STEEL	1/4"–14 x 1" ITW BUILDEX TEKS SELF–DRILLING FASTENER	22 3/4"	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 LOADS: +26.0 P.S.F. & –28.0 P.S.F.
TEST LOADS: +39.0 P.S.F. & –42.0 P.S.F.

MANUFACTURING PRODUCT CODE: DSIU-1F477
PART NO.: N/A
WINDLOAD RATING: W4 DP26

Unless Stated Otherwise TOLERANCES are
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DESCRIPTION: MODERN STEEL 2" INTELLICORE +26/–28 PSF TO 16' 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.: 105898		VER: IBC	

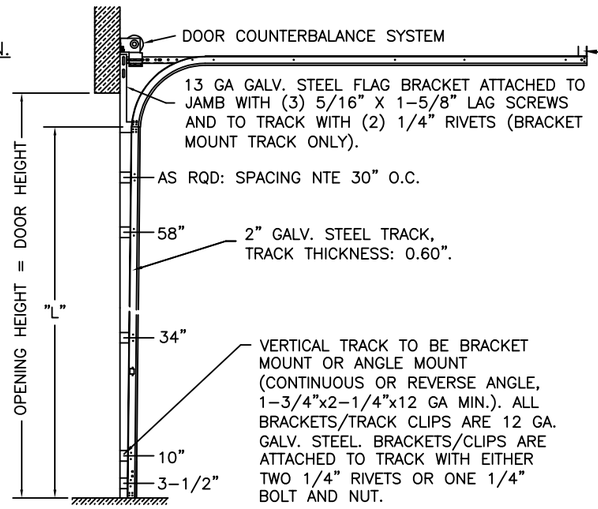
DESIGN ENGINEER:
JIM WHEELER, P.E.
FLORIDA LICENSE No. 91932

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

SHEET: 4 OF 5

REVISIONS					
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00	–	–	–	–	SEE REVISION HISTORY ON SHEET ONE.

2" TRACK CONFIGURATION.



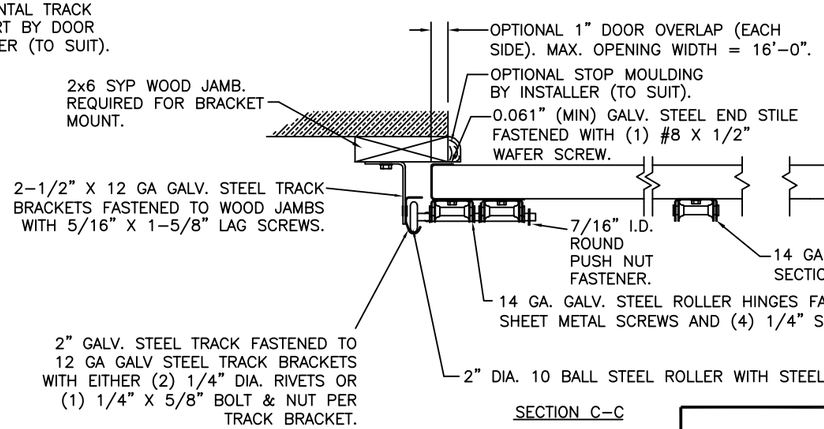
NOTE DOUBLE TRACK HEADROOM, HI-LIFT TRACK, FOLLOW-THE- ROOF TRACK, AND VERTICAL LIFT TRACK ARE AVAILABLE OPTIONS.
TRACK CONFIGURATION ABOVE THE DOOR OPENING DOES NOT AFFECT THE WIND LOAD RATING.

HORIZONTAL TRACK SUPPORT BY DOOR INSTALLER (TO SUIT).

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"

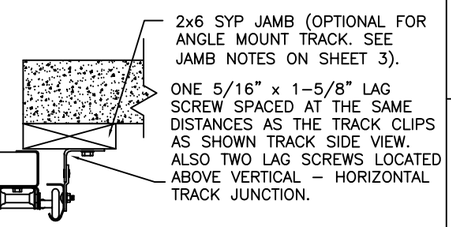
JAMB CONFIGURATION.

BRACKET MOUNT JAMB CONFIGURATION



SECTION C-C

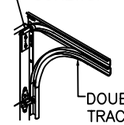
ANGLE MOUNT JAMB CONFIGURATION
(CONTINUOUS ANGLE SHOWN, REVERSE ANGLE ALSO APPROVED)



PREPARATION OF JAMBS BY OTHERS.

3" TRACK IS ALSO AVAILABLE.

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

DESIGN LOADS: +26.0 P.S.F. & -28.0 P.S.F.
TEST LOADS: +39.0 P.S.F. & -42.0 P.S.F.

MANUFACTURING PRODUCT CODE: DSIU-1F477

PART NO.: N/A

WINDLOAD RATING: W4 DP26

Unless Stated Otherwise TOLERANCES are
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DWG. NO.: 105898		VER: IBC	

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