

BRAND	MODERN STEEL		COMMERCIAL DOORS	
	FLUSH	GROOVED	FLUSH	GROOVED
CLOPAY	9208, HDPC2	9209, HDPCR2	3728	3729
HOLMES	7208	7209	--	C7R20

SEE SHEET 5 FOR "CANYON RIDGE MODERN SERIES" MODELS.

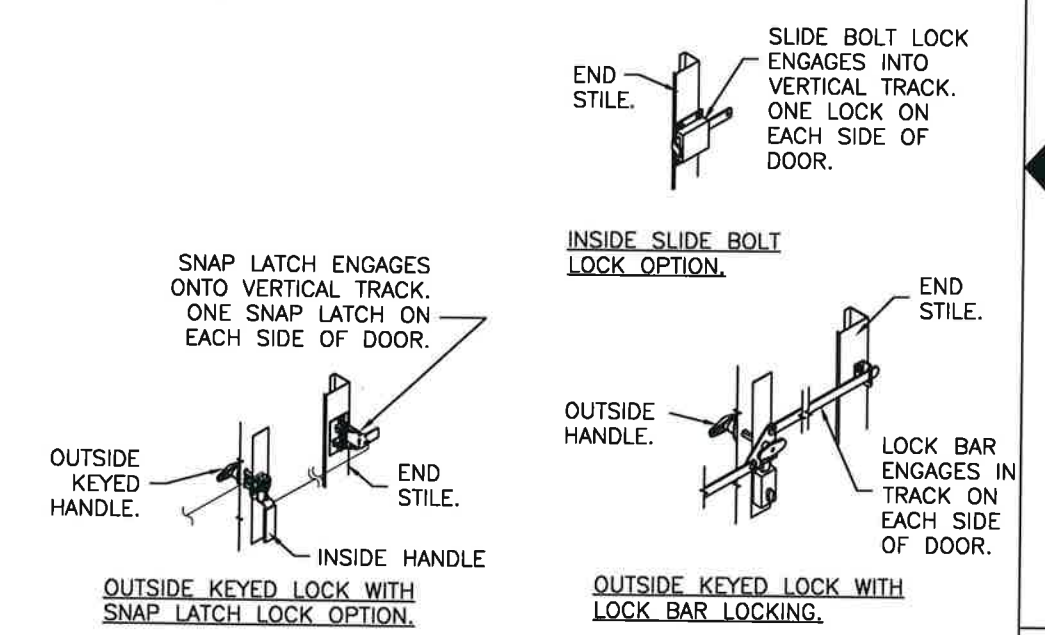
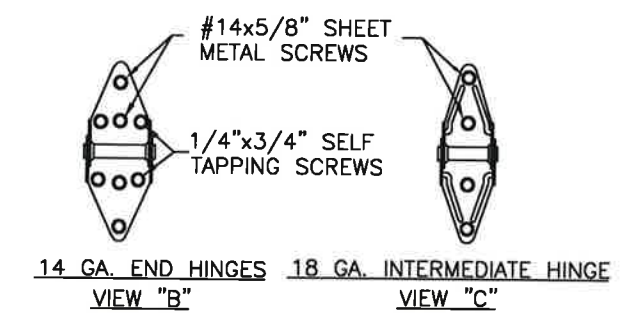
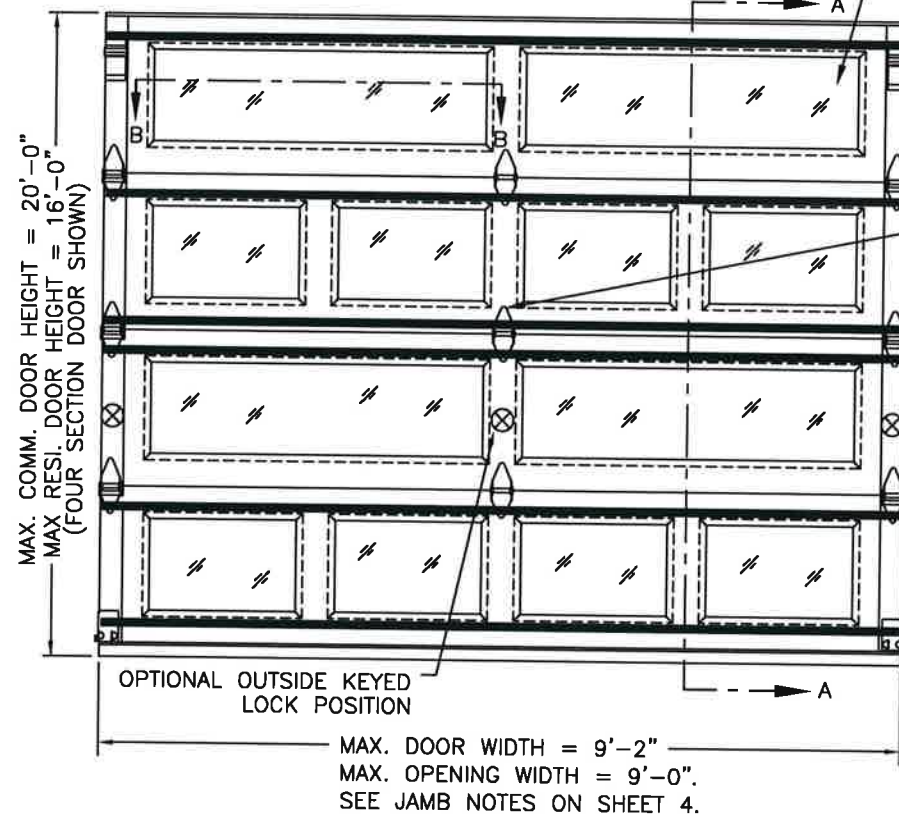
SHEET:  
1 OF 5

REV. NO.	ZONE	DATE	ECN NO.	APPVD:	REVISIONS	DESCRIPTION
00	-	9/2021	-	JDW	REVISED FOR RELEASE.	

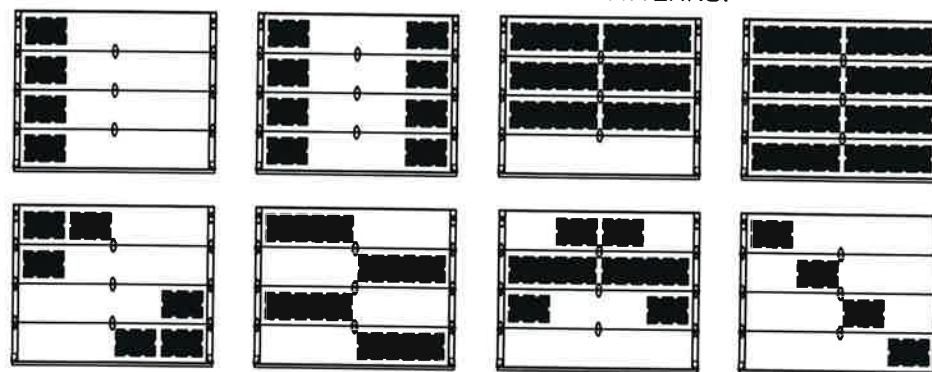
MIXED GLAZING SHOWN.

OPTIONAL GLAZING MAY BE IMPACT RESISTANT (SEE DETAIL A ON SHEET 2) OR STANDARD (SEE DETAIL B ON SHEET 2). MAXIMUM GLAZING SIZE (DLO) IS 39-1/4"x13-1/4". GLAZING MAY BE SHORT-PANEL OR LONG-PANEL. GLAZING MAY BE INSTALLED IN ANY LOCATION IN ANY OR ALL SECTIONS.

DOOR HEIGHT	# OF SECTIONS	# OF U-BARS
UP TO 6'0"	3	5
6'3" TO 8'0"	4	6
8'3" TO 10'0"	5	8
10'3" TO 12'0"	6	9
12'3" TO 14'0"	7	11
14'3" TO 16'0"	8	12
16'3" TO 18'0"	9	14
18'3" TO 20'0"	10	15
MAX SECTION HEIGHT: 24'		



REPRESENTATIVE GLAZING PATTERNS.



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THIS PRODUCT COMPLIES WITH THE 2018 IBC/IRC.

DESIGN LOADS: +38.0 P.S.F. & -42.0 P.S.F.  
TEST LOADS: +57.0 P.S.F. & -63.0 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.

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

MANUFACTURING PRODUCT CODE  
DSIUA-1F477

PART NO.: N/A

WINDLOAD RATING  
W6 DP38

DESCRIPTION: MODERN STEEL 2" INTELICORE +38/-42 PSF TO 9' W			
DRAWN BY: JDW	DATE: 9/2021	SCALE: NTS	DWG. SIZE B
CHECKED BY: --	DATE: --	SHEET 1 OF 5	
DWG. NO.: 104859 - A/B	VER: TDI		

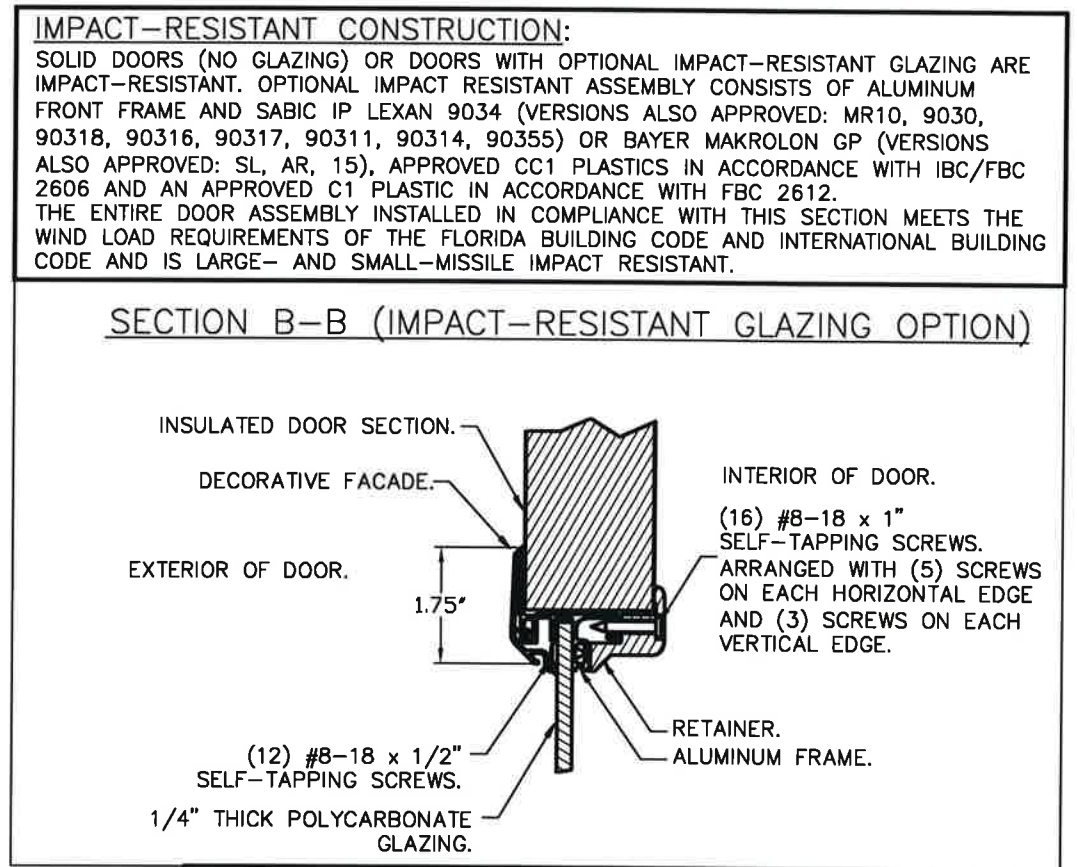
STATE OF TEXAS  
MARK WESTERFIELD  
91513  
DESIGN ENGINEER  
FLORIDA P.E. #48495, NC P.E. #23832, TEXAS P.E. #91513

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	FLUSH	GROOVED	FLUSH	GROOVED
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SEE SHEET 5 FOR "CANYON RIDGE MODERN SERIES" MODELS.

SHEET:  
2 OF 5

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



**IMPACT-RESISTANT ASSEMBLY DETAILS  
DETAIL A**



DESIGN ENGINEER  
 MARK WESTERFIELD, P.E.  
 FLORIDA P.E. #48495, NC P.E. #23832, TEXAS P.E. #91513

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 CHECKED BY: --      DATE: --      SHEET 2 OF 5  
 DWG. NO.: 104859 - A/B      VER: TDI

SEE SHEET 5 FOR "CANYON RIDGE MODERN SERIES" MODELS.

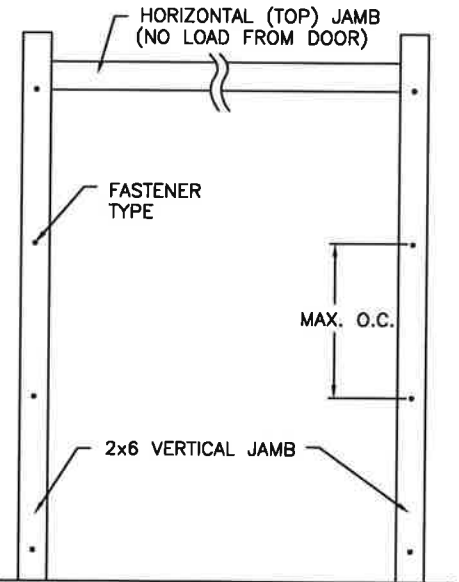
SHEET: 3 OF 5

REVISIONS					DESCRIPTION
REV. NO.	ZONE	DATE	ECN NO.	APPVD:	
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 +171 LB & -189 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.



### 2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT

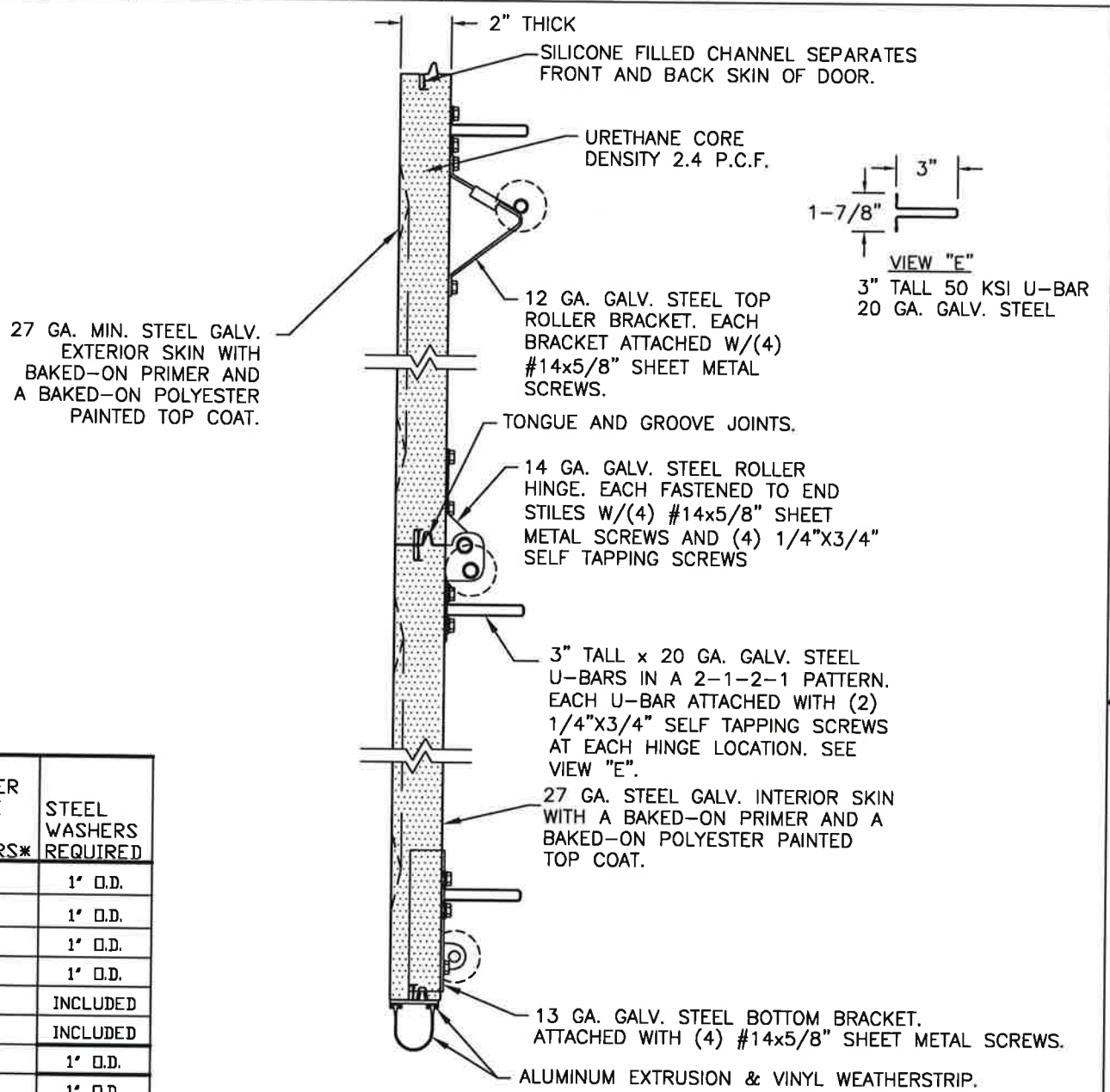
(NOT TO BE USED FOR ATTACHMENT OF TRACK ANGLE TO 2x6 VERTICAL JAMBS)

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	9 3/4"	1" O.D.
GROUT-FILLED CMU BLOCK	1/4" x 1-1/4" MIN. EMBED ULTRACON CONCRETE ANCHOR	16"	1" O.D.
2000 PSI MIN. CONCRETE	1/4" x 1" MIN. EMBED ULTRACON CONCRETE ANCHOR	14"	1" O.D.
2000 PSI MIN. CONCRETE	1/4" x 1" MIN. EMBED TAPCON CONCRETE ANCHOR	13"	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 BUILDDEX TEKS SELF-DRILLING FASTENER	13 1/4"	1" O.D.
12GA STEEL (0.105" MIN.)	1/4"-14 x 1" ITW BUILDDEX TEKS SELF-DRILLING FASTENER	23 1/2"	1" O.D.
1/8" STEEL	1/4"-14 x 1" ITW BUILDDEX 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: 2-1/2", EXCLUDING STUCCO THICKNESS. EXCEPTION FOR TAPCON -- MINIMUM EDGE DISTANCE FOR TAPCON FASTENER IS 1-1/4", EXCLUDING STUCCO THICKNESS.

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

STATE OF TEXAS  
 MARK WESTERFIELD  
 9/16/22  
 DESIGN ENGINEER  
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SECTION A-A (SIDE VIEW)

DESIGN LOADS: +38.0 P.S.F. & -42.0 P.S.F.  
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**W6 DP38**

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 DRAWN BY: JDW DATE: 9/2021 SCALE: NTS DWG. SIZE B  
 CHECKED BY: -- DATE: -- SHEET 3 OF 5  
 DWG. NO.: 104859 - A/B VER: TDI

SHEET:  
4 OF 5

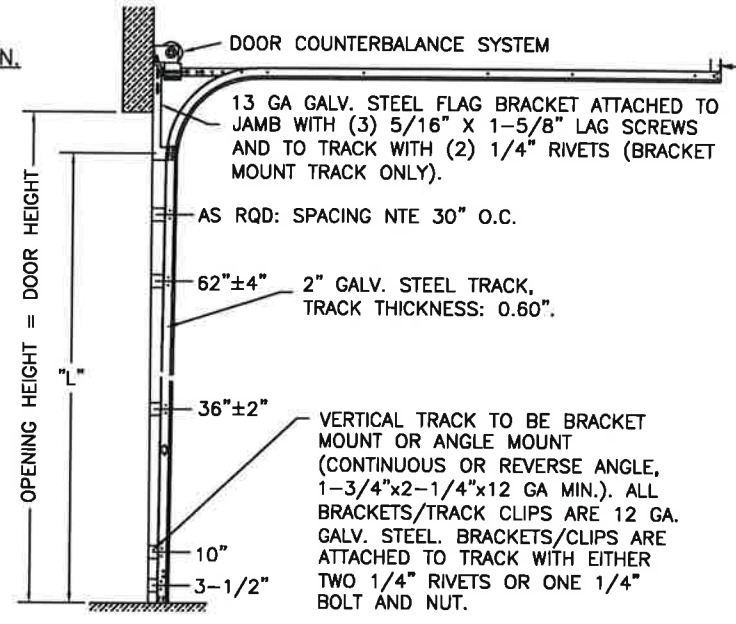
REVISIONS

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00	-	-	-	-	SEE REVISION HISTORY ON SHEET ONE.

SEE SHEET 5 FOR "CANYON RIDGE MODERN SERIES" MODELS.

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"

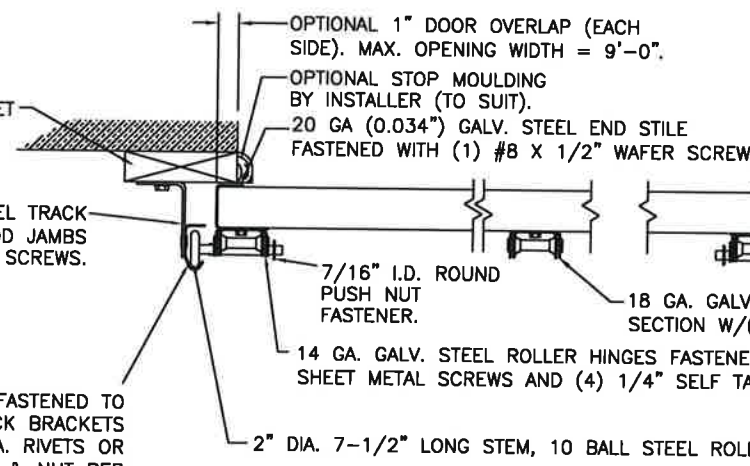
HORIZONTAL TRACK SUPPORT BY DOOR INSTALLER (TO SUIT).

2x6 SYP WOOD JAMB. REQUIRED FOR BRACKET MOUNT.

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

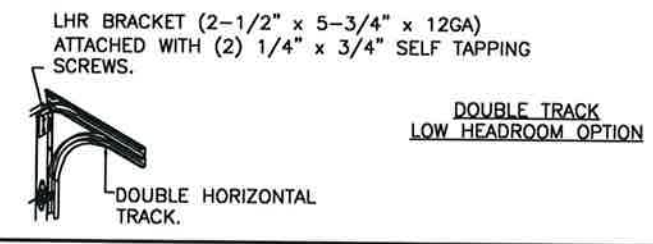


JAMB CONFIGURATION.

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.

SECTION C-C PREPARATION OF JAMBS BY OTHERS.



3" TRACK IS ALSO AVAILABLE.

STATE OF TEXAS  
 MARK W. WESTERFIELD  
 22 91513  
 DESIGN ENGINEER  
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CHECKED BY: --	DATE: --	SHEET 4 OF 5	
DWG. NO.: 104859 - A/B	VER: TDI		

CLOPAY 'CANYON RIDGE MODERN SERIES': CRM2nnn

HOLMES 'GLENMOOR MODERN SERIES': GLM2nnn

IDEAL 'CUSTOM CRAFTED MODERN WOOD-LOOK' SERIES: WLM2nnn

NOTE: "nnn" REPRESENTS THE ARRANGEMENT OF THE DECORATIVE OVERLAYS. DOORS MAY HAVE 'PLANK' APPEARANCE, ALUMINUM INLAYS, OR "FULL VISION".

SHEET:  
5 OF 5

REVISIONS					DESCRIPTION
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00	-	-	-	-	SEE REVISION HISTORY ON SHEET ONE.

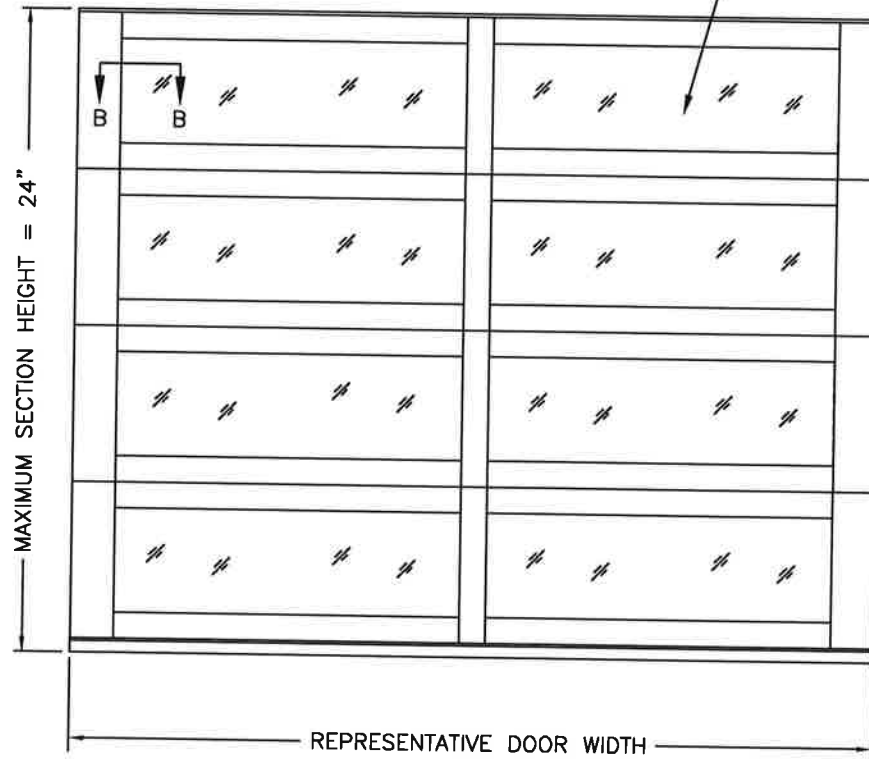
FULL VISION GLAZING SHOWN.

OPTIONAL GLAZING MAY BE IMPACT RESISTANT (SEE DETAIL A ON SHEET 2) OR STANDARD (SEE DETAIL B ON SHEET 2). MAXIMUM GLAZING SIZE (DLO) IS 39-1/4"x13-1/4". GLAZING MAY BE SHORT-PANEL OR LONG-PANEL. GLAZING MAY BE INSTALLED IN ANY LOCATION IN ANY OR ALL SECTIONS.

SECTION B-B



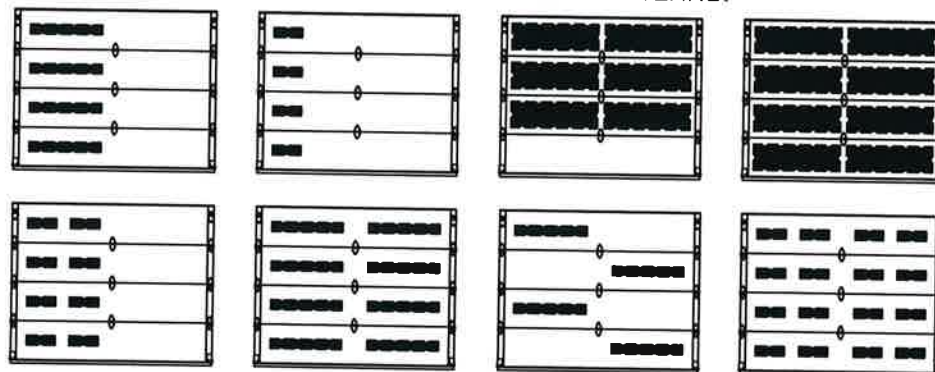
NOTE: "CANYON RIDGE" TYPE IMPACT RESISTANT GLAZING SHOWN WITH DECORATIVE OVERLAY. STANDARD GLAZING ALSO AVAILABLE. DETAILS ARE OTHERWISE STRUCTURALLY EQUIVALENT TO DETAIL A OR DETAIL B ON SHEET 2 OF THIS DRAWING.



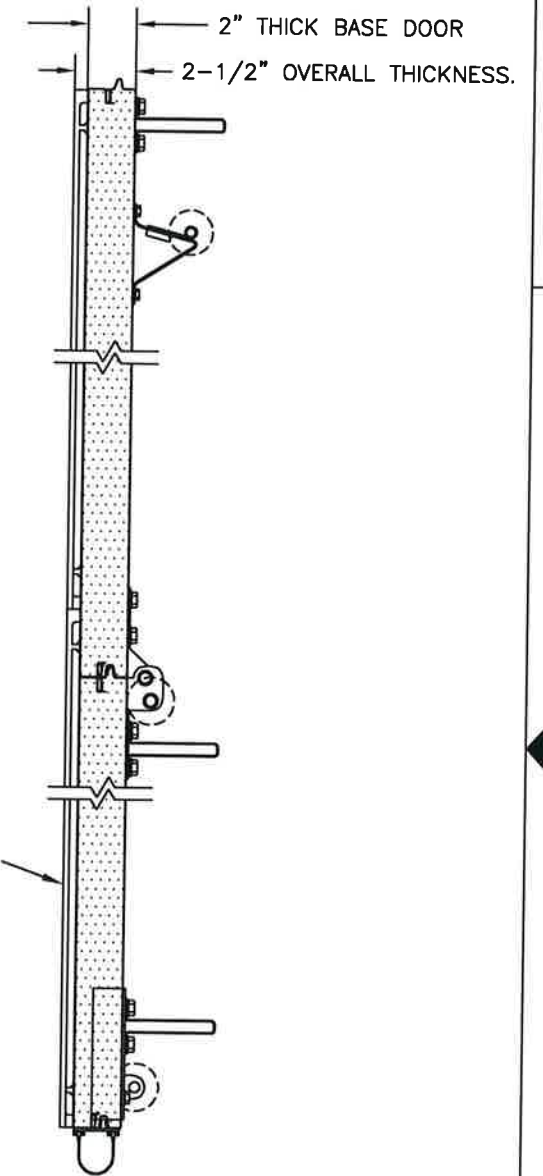
"CANYON RIDGE" TYPE OVERLAY DOORS

- NOTES:
- "CANYON RIDGE" TYPE DOORS USE THE SAME REINFORCEMENTS AND BASE SECTION CONSTRUCTION AND TRACK CONFIGURATION DESCRIBED ON SHEETS 1-4 OF THIS DRAWING.
  - "CANYON RIDGE" TYPE DOORS ARE IMPACT RESISTANT AS SOLID OR WITH IMPACT RESISTANT GLAZING AND FRAME AS SHOWN IN DETAIL B-B ABOVE.

REPRESENTATIVE GLAZING PATTERNS.



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SECTION A-A (SIDE VIEW)

CANYON-RIDGE TYPE MODERN SERIES: HIGH DENSITY MOLDED COMPOSITE CLADDING OR OVERLAYS ADHERED TO OUTSIDE SKIN WITH PERMANENT ADHESIVE.

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