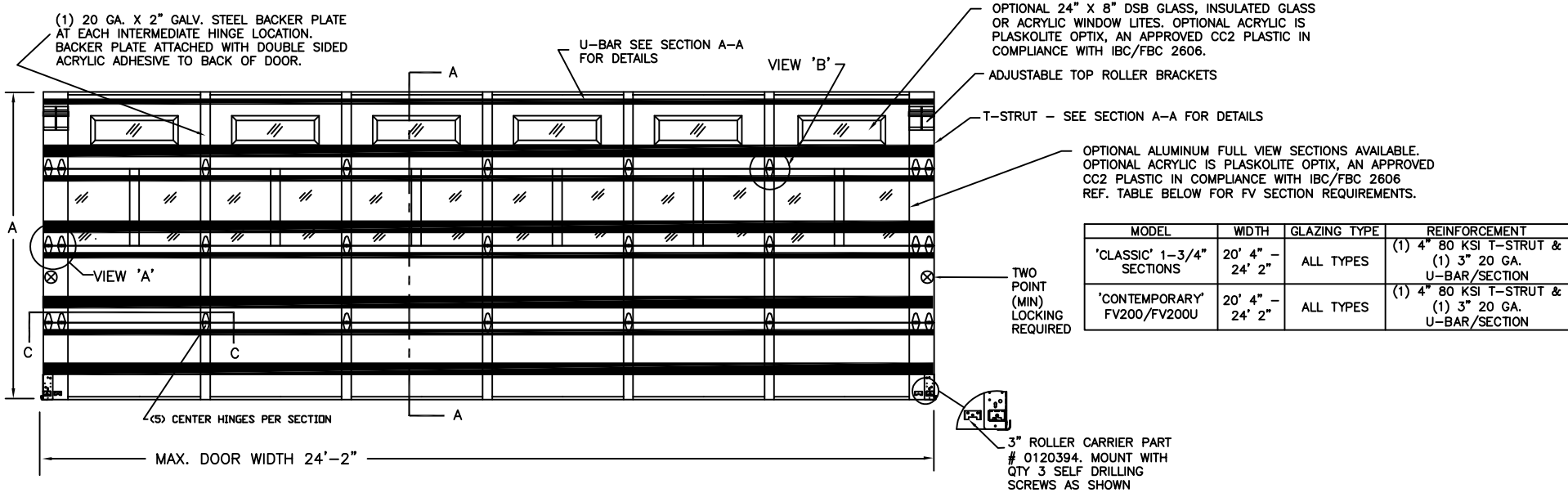
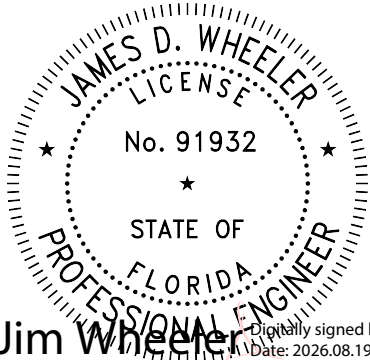
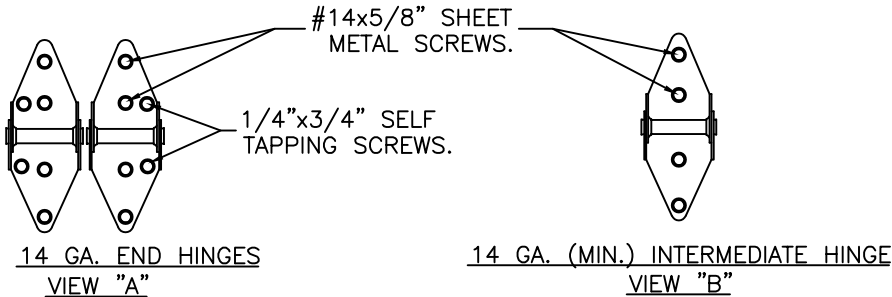
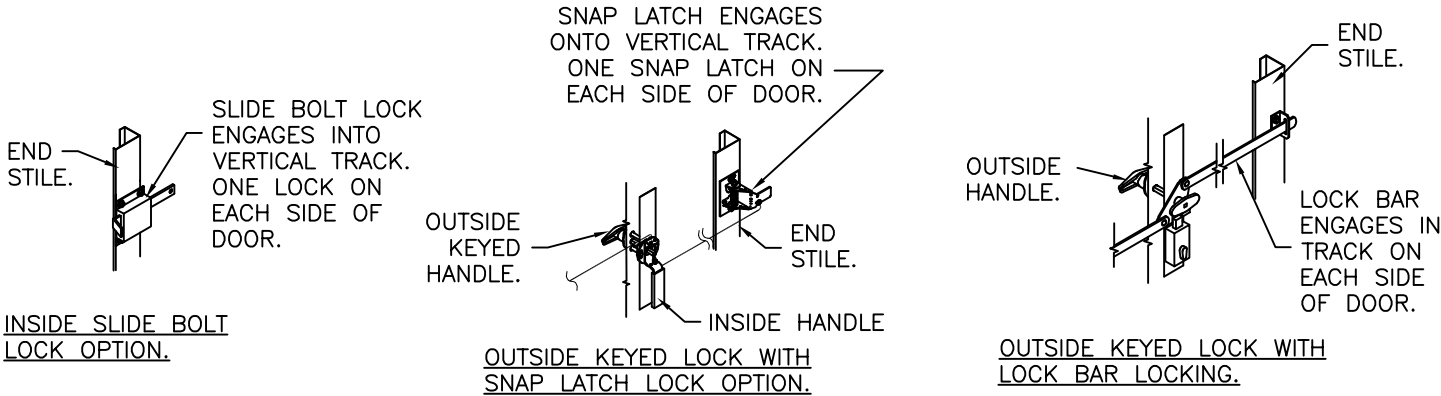




DOOR HEIGHT 'A'	NUMBER OF SECTIONS
UP TO 8'-0"	4
8'-3" THRU 10'-0"	5
10'-3" THRU 12'-0"	6
12'-3" THRU 14'-0"	7
14'-3" THRU 16'-0"	8
16'-3" THRU 18'-0"	9



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



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TEST LOADS: +37.5 P.S.F. & -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: 1-3/4" MIN. THICK INTELLICORE WINDLOAD 24'-2"

DRAWN BY: RH	DATE: 7/20/16	SCALE: NTS	DWG. SIZE B
CHECKED BY: SH	DATE: -----	SHEET 1 OF 4	
DWG. NO.: 105225		VER: IBC	

MANUFACTURING PRODUCT CODE
C-DISU-1D447

PART NO.: N/A

WINDLOAD RATING
W4 DP25

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

THE OPTIONAL GLAZING SHOWN ON THIS DRAWING 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 (FBC / IBC CHAPTER 16).

SHEET:
2 OF 4

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

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

PANEL THICKNESS

INSULATED GLASS THICKNESS

OUTSIDE FRAME

INSIDE FRAME

PAN HEAD SCREW

NON-IMPACT-RESISTANT
FULL VISION SECTION OPTION

OPTIONAL ALUMINUM FULL VIEW SECTIONS AVAILABLE. OPTIONAL ACRYLIC IS PLASKOLITE OPTIX, AN APPROVED CC2 PLASTIC IN COMPLIANCE WITH IBC/FBC 2606. REF. TABLE BELOW FOR FV SECTION REINFORCEMENT REQUIREMENTS

MODEL	WIDTH	GLAZING TYPE	REINFORCEMENT
'CLASSIC' 1-3/4" SECTIONS	20' 4" - 24' 2"	ALL TYPES	(1) 4" 80 KSI T-STRUT & (1) 3" 20 GA. U-BAR/SECTION
'CONTEMPORARY' FV200/FV200U	20' 4" - 24' 2"	ALL TYPES	(1) 4" 80 KSI T-STRUT & (1) 3" 20 GA. U-BAR/SECTION

STANDARD ASSEMBLY DETAILS

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PART NO.: N/A

WINDLOAD RATING
W4 DP25

SCALE: NTS

SHEET 2 OF 4

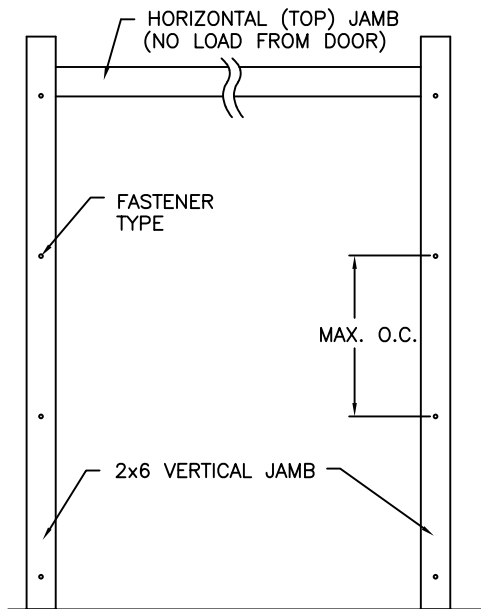
DWG. SIZE B

VER: IBC

FLORIDA PRODUCT APPROVAL 48387.5

CLOPAY	/	IDEAL	/	HOLMES	
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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:		REVISIONS					
3 OF 4		REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
		02	-	-	-	-	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 +300 LB & -336 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.

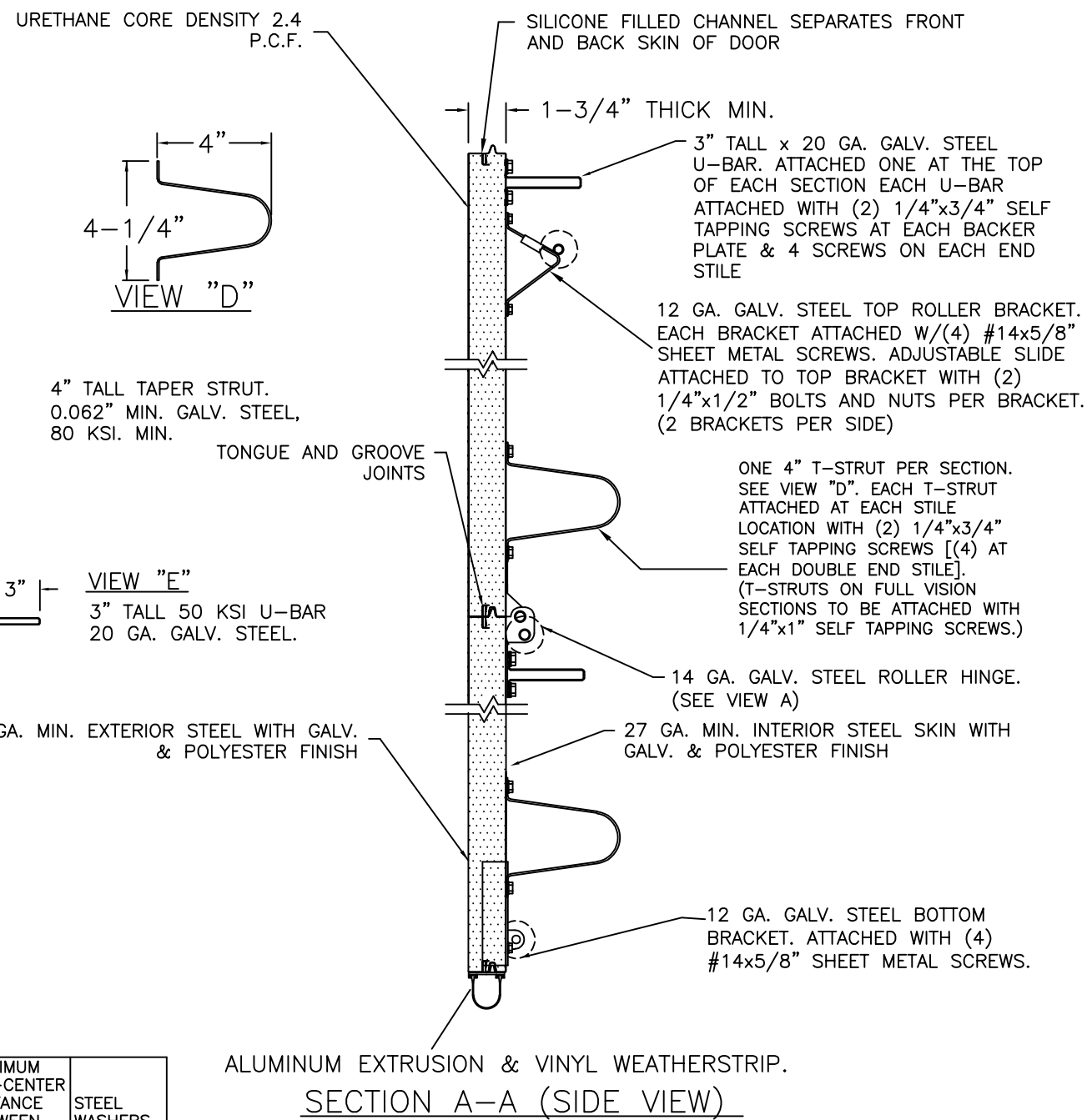
NOTE: 2x6 WOOD JAMBS ARE NOT REQUIRED WITH CONTINUOUS ANGLE MOUNT TRACK. HOWEVER, IF DESIRED ON STEEL JAMBS OR CONCRETE OR BLOCK WALLS, APPROVED FASTENERS AS DETAILED BELOW SHOULD BE INCREASED IN LENGTH BY 1-1/2" AND INSTALLED DIRECTLY THROUGH THE ANGLE AND 2x6 WOOD JAMBS INTO THE STEEL JAMBS OR CONCRETE 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.

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	5-1/2"	1" O.D.
GROUT FILLED BLOCK WALL	1/4" x 1-3/4" MIN. EMBED ULTRACON CONCRETE ANCHOR	9"	1" O.D.
2000 PSI MIN. CONCRETE	1/4" x 1" MIN. EMBED ULTRACON CONCRETE ANCHOR	8"	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	16-3/4"	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	18"	1" O.D.
14GA STEEL (0.060" MIN.)	1/4"-14 x 1" ITW BUILDDEX TEKS SELF-DRILLING FASTENER	7-1/2"	1" O.D.
12GA STEEL (0.105" MIN.)	1/4"-14 x 1" ITW BUILDDEX TEKS SELF-DRILLING FASTENER	13-1/4"	1" O.D.
1/8" STEEL	1/4"-14 x 1" ITW BUILDDEX TEKS SELF-DRILLING FASTENER	15-3/4"	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 BLOCK: 2-1/2", EXCLUDING STUCCO THICKNESS.

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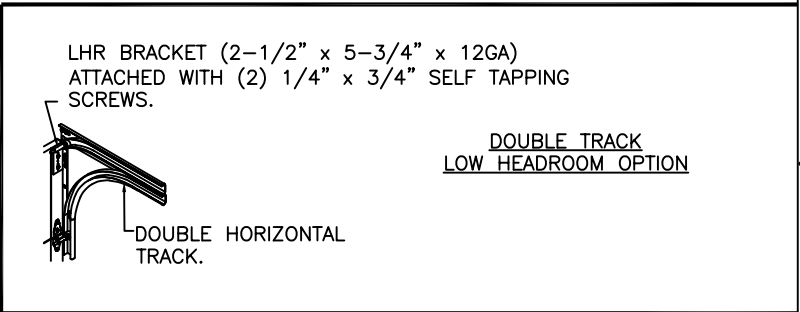
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DRAWN BY: RH	DATE: 7/20/16	SCALE: NTS	DWG. SIZE B
CHECKED BY: SH	DATE: -----	SHEET 3 OF 4	VER: IBC
DWG. NO.: 105225			

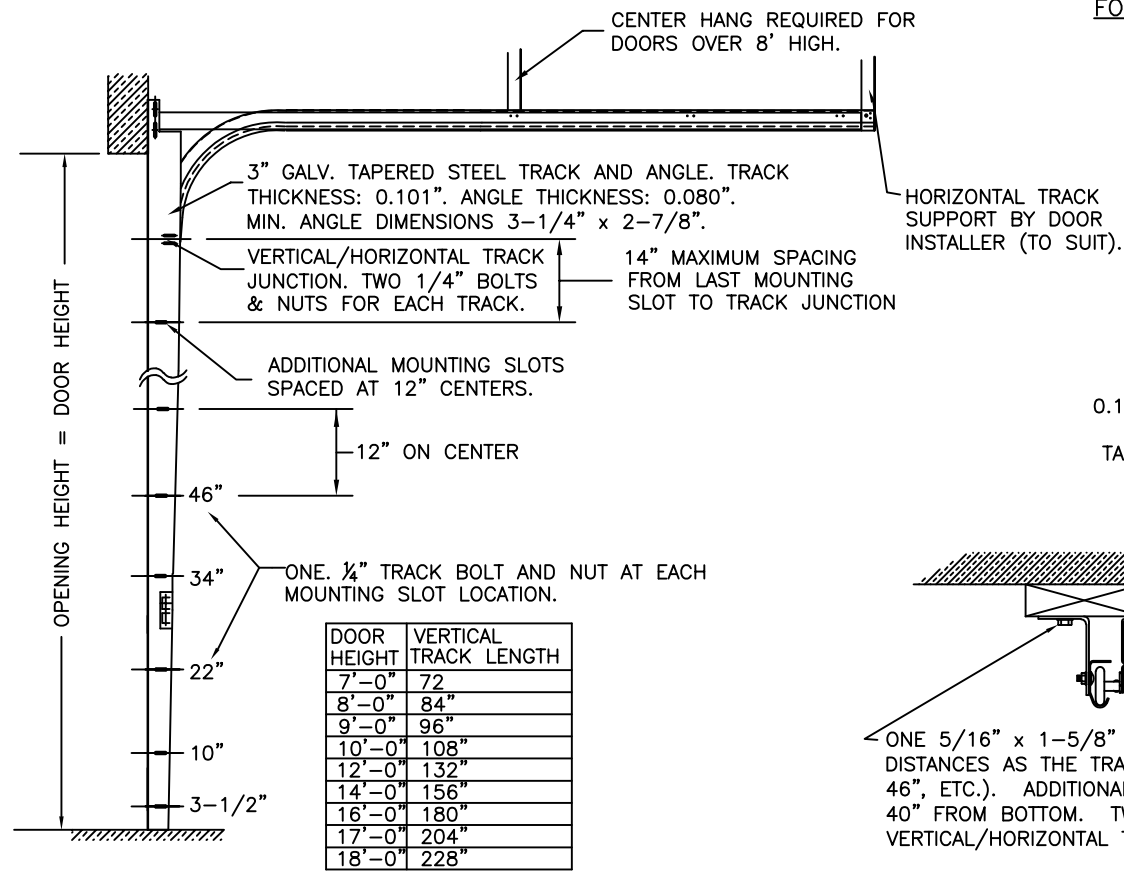
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SHEET:		REVISIONS					
4 OF 4		REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
		02	-	-	-	-	SEE REVISION HISTORY ON SHEET ONE.



3" TRACK CONFIGURATION.

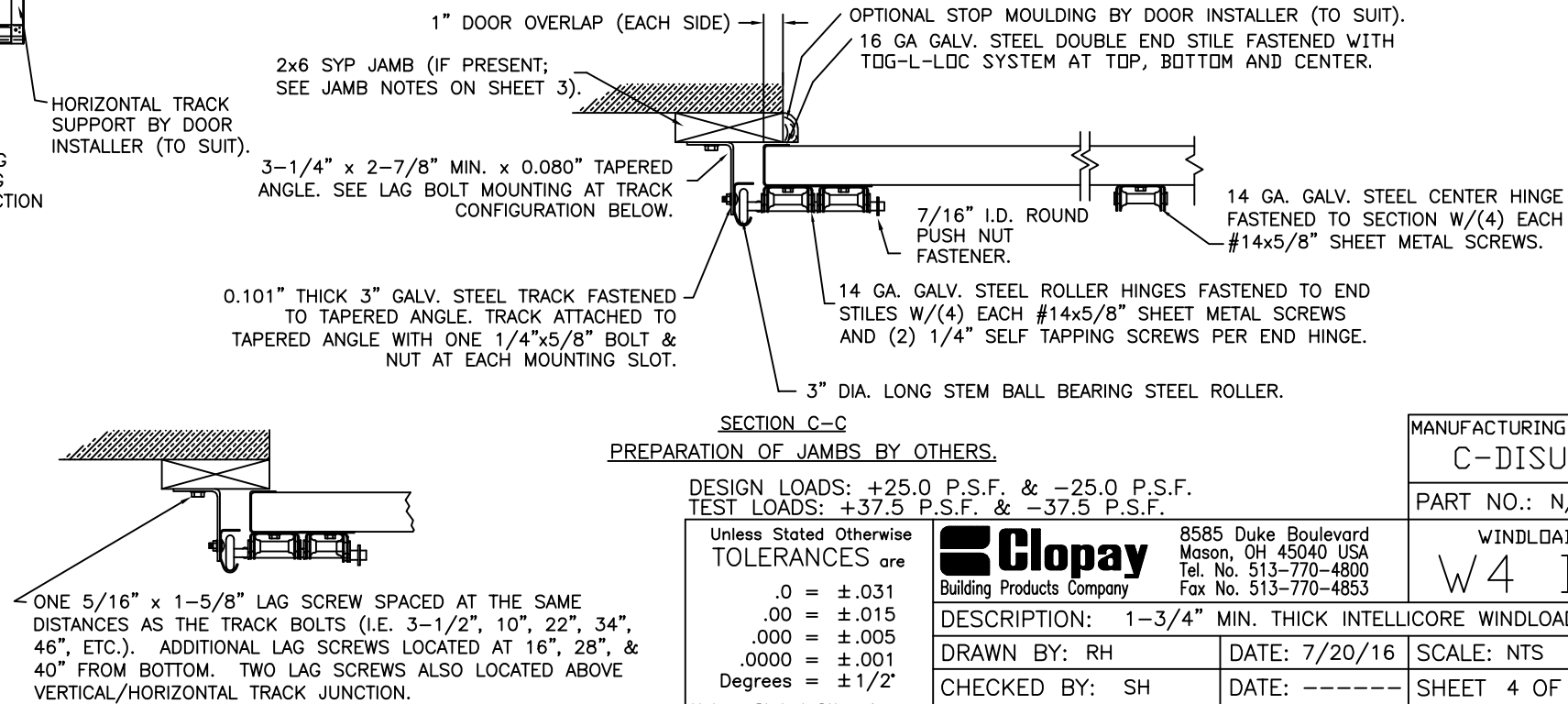
NOTE DOUBLE TRACK HEADROOM, HI-LIFT TRACK, FOLLOW-THE- ROOF TRACK, AND VERTICAL LIFT TRACK ARE AVAILABLE OPTIONS. TRACK CONFIGURATION ABOVE THE DOOR OPENING DOES NOT AFFECT THE WIND LOAD RATING.



DESIGN ENGINEER:
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DOOR HEIGHT	VERTICAL TRACK LENGTH
7'-0"	72"
8'-0"	84"
9'-0"	96"
10'-0"	108"
12'-0"	132"
14'-0"	156"
16'-0"	180"
17'-0"	204"
18'-0"	228"

JAMB CONFIGURATION FOR 3" TRACK.



SECTION C-C
PREPARATION OF JAMBS BY OTHERS.

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DWG. NO.: 105225	VER: IBC

MANUFACTURING PRODUCT CODE
C-DISU-1D447
PART NO.:
N/A
WINDLOAD RATING
W4 DP25
DESCRIPTION:
1-3/4" MIN. THICK INTELLICORE WINDLOAD 24'-2"
DRAWN BY:
RH
CHECKED BY:
SH
DWG. NO.:
105225
VER:
IBC