

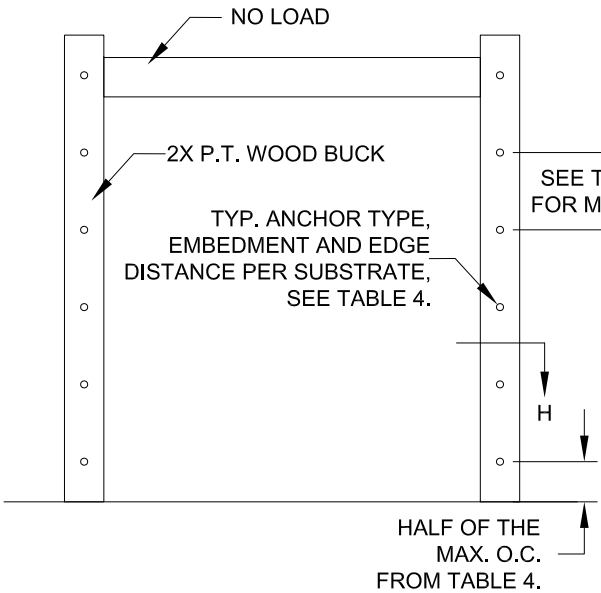
GENERAL NOTES: SERIES GD9995A LARGE & SMALL
MISSILE IMPACT-RESISTANT, ALUMINUM, SECTIONAL,
OPAQUE AND/OR GLAZED GARAGE DOOR

- 1) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.
- 2) SHUTTERS ARE NOT REQUIRED WHEN USED IN WIND-BORNE DEBRIS REGIONS.
- 3) ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. USE ANCHORS OF SUFFICIENT LENGTH TO ACHIEVE THE EMBEDMENT SHOWN ON TABLE 1, THIS SHEET.
- 4) DESIGN PRESSURES:
DESIGN LOADS BASED ON STRUCTURAL TEST PRESSURE, FRAME ANALYSIS AND GLASS PER ASTM E1300.
- 5) THE ANCHORAGE METHODS SHOWN HAVE BEEN DESIGNED TO RESIST THE WINDLOADS CORRESPONDING TO THE REQUIRED DESIGN PRESSURE. THE 33-1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. THE 1.6 LOAD DURATION FACTOR WAS USED FOR THE EVALUATION OF ANCHORS INTO WOOD. ANCHORS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE FOR CORROSION RESISTANCE.

OPENING WIDTH = SECTION WIDTH - 2.00
EACH SIDE TO OVERLAP BY MIN. 1"

OPENING HEIGHT = STACK HEIGHT - 0.75
TOP TO OVERLAP BY MIN. 3/4"

2X P.T. WOOD BUCK TO SUBSTRATE ATTACHMENT:



- 1) WOOD BUCK IS OPTIONAL, SEE SHEET 5 FOR DETAILS.
- 2) THE HORIZONTAL TRACK RECEIVES NO WINDLOAD, BUT ATTACHMENT TO THE CEILING JOISTS MUST BE ABLE TO WITHSTAND THE WEIGHT OF THE DOOR. ENGINEERING BY OTHERS.
- 3) GENERAL NOTES FOR DOOR ANCHORAGE ALSO APPLY TO BUCK ANCHORAGE.

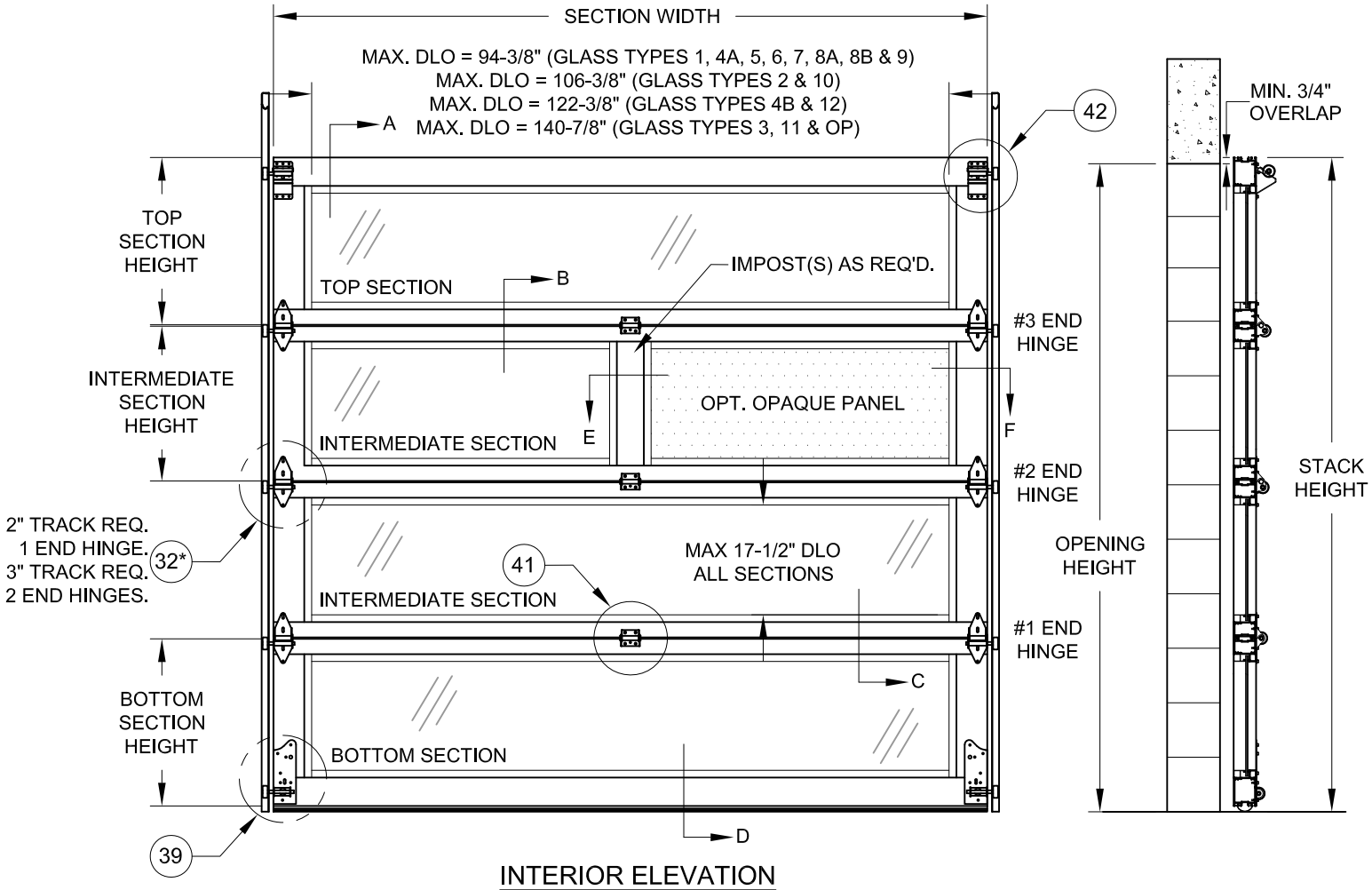


TABLE 1:

Design Pressure, psf, up to 144" Opening Width					
(For Opening Widths over 144", see next Table)					
Opening Height	Stack Height	Minimum # of Sections	Opening Width		
			120"	132"	144"
84"	84-3/4"	4	+55.0/-65.0	+55.0/-65.0	+55.0/-65.0
96"	96-3/4"		+55.0/-65.0	+55.0/-65.0	+51.5/-61.9
99-3/8"	100-3/8"		+55.0/-65.0	+54.9/-65.0	+50.0/-60.0
108"	108-1/8"	5	+55.0/-65.0	+55.0/-65.0	+51.5/-61.9
120"	120-3/4"		+55.0/-65.0	+54.9/-65.0	+50.0/-60.0
132"	132-3/4"		+55.0/-65.0	+55.0/-65.0	+51.5/-61.9
144"	144-3/4"	6	+55.0/-65.0	+54.9/-65.0	+50.0/-60.0
156"	156-3/4"		+55.0/-65.0	+55.0/-65.0	+51.5/-61.9
168"	170-3/4"		+55.0/-65.0	+54.9/-65.0	+50.0/-60.0
180"	156-3/4"	8	+55.0/-65.0	+55.0/-65.0	+51.5/-61.9
192"	170-3/4"		+55.0/-65.0	+54.9/-65.0	+50.0/-60.0
204"	156-3/4"		+55.0/-65.0	+55.0/-65.0	+51.5/-61.9
216"	170-3/4"	9	+55.0/-65.0	+54.9/-65.0	+50.0/-60.0

1) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION.

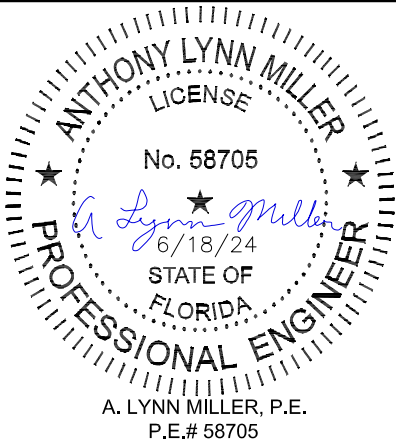
FOR DOORS WITH EITHER A TOTAL WEIGHT OF OVER 800 LBS OR A SECTION WIDTH OVER 192", A 3" TRACK SYSTEM IS REQUIRED, OTHERWISE A 2" TRACK SYSTEM IS ACCEPTABLE.

DESIGN PRESSURE RATING
VARIABLES, SEE TABLES 1 & 2

IMPACT RATING
RATED FOR LARGE & SMALL MISSILE IMPACT RESISTANCE

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296 COPYRIGHT © 2024 WINDOOR, INC., LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	06/07/21	J. ROSOWSKI	GD-9995A-FPA

WINDOOR® INCORPORATED WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD N VENICE, FL 34275 (833) 554-5432	OVERHEAD SECTIONAL GARAGE DOOR, LM	GEN. NOTES, UP TO 12' ELEV./DP	1 OF 6	GD9995A
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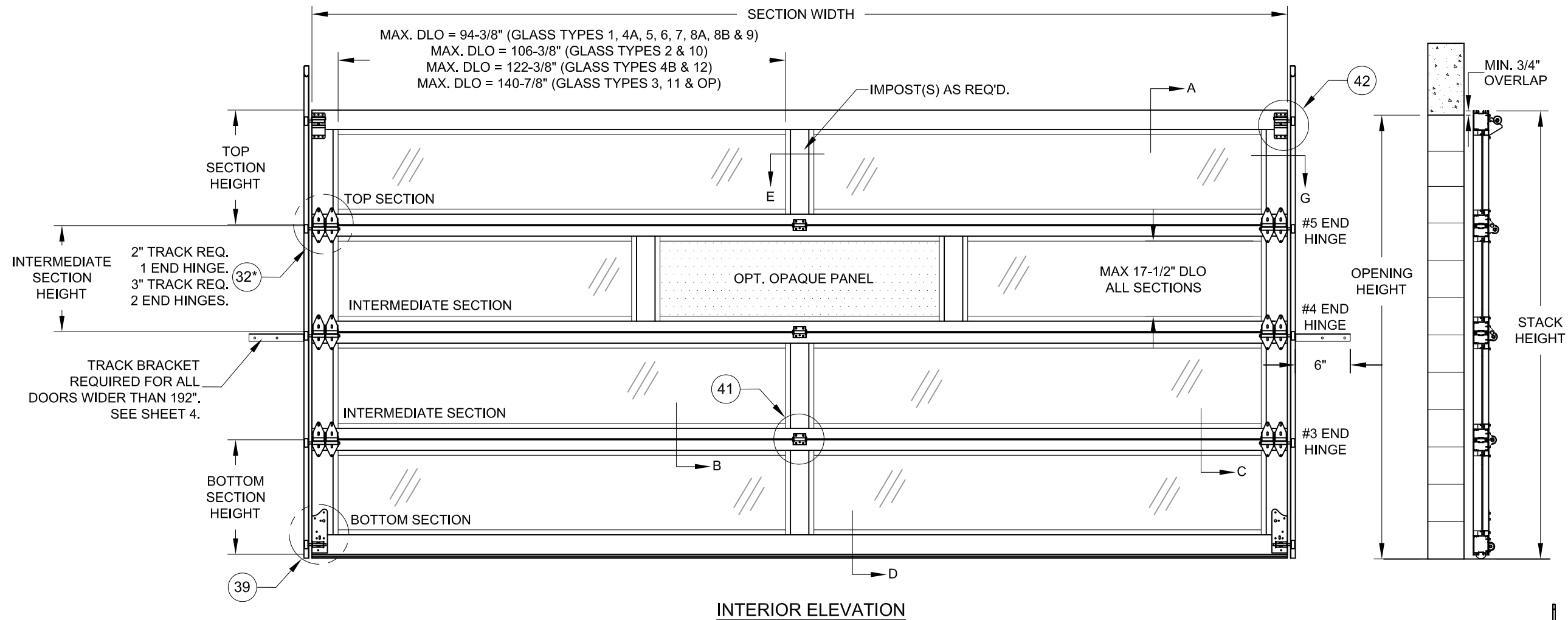


TABLE 2:

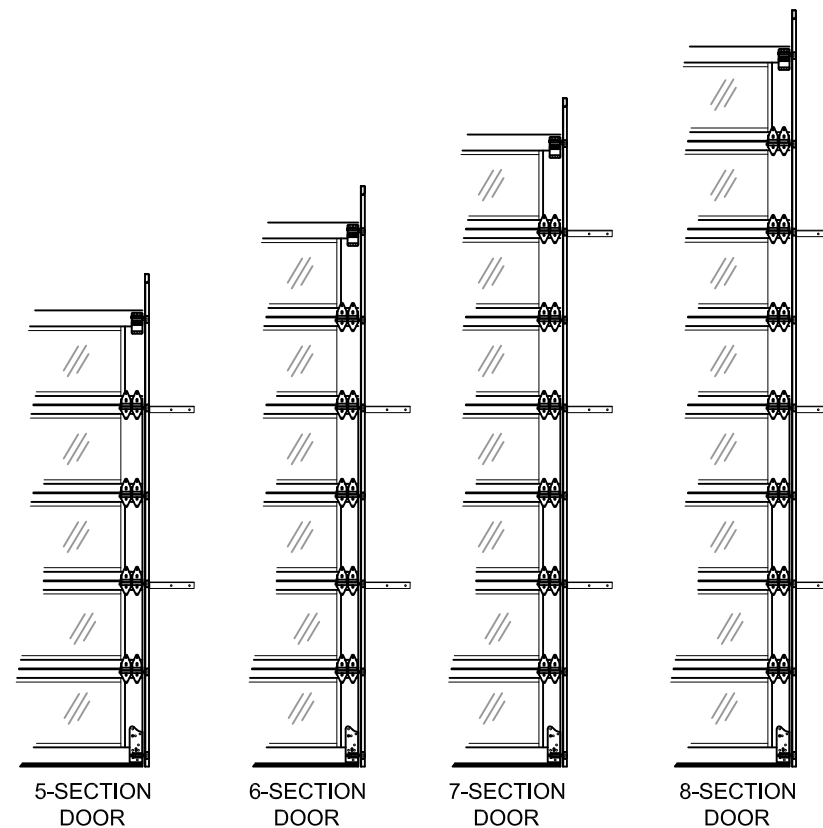
Design Pressure, psf, up to 216" Opening Width					
Opening Height	Stack Height	Minimum # of Sections	Opening Width		
			190"	192"	216" (Brackets)
84"	84-3/4"	4	+45.0/-50.0	+45.0/-50.0	+40.0/-50.0 (1)
96"	96-3/4"		+45.0/-50.0	+44.2/-49.1	+36.1/-46.4 (1)
97-3/8"	98-1/8"		+45.0/-50.0	+40.0/-50.0	+35.6/-45.8 (1)
99-3/8"	100-1/8"		+40.0/-50.0	+39.6/-50.0	+35.0/-45.0 (1)
108"	108-1/8"	5	+45.0/-50.0	+44.2/-49.1	+36.1/-46.4 (2)
120"	120-3/4"		+45.0/-50.0	+40.0/-50.0	+35.6/-45.8 (2)
132"	132-3/4"	6	+45.0/-50.0	+44.2/-49.1	+36.1/-46.4 (2)
144"	144-3/4"		+45.0/-50.0	+40.0/-50.0	+35.6/-45.8 (2)
156"	156-3/4"	7	+45.0/-50.0	+44.2/-49.1	+36.1/-46.4 (3)
168"	170-3/4"		+45.0/-50.0	+40.0/-50.0	+35.6/-45.8 (3)
180"	180-3/4"	8	+45.0/-50.0	+44.2/-49.1	+36.1/-46.4 (3)
192"	192-3/4"		+45.0/-50.0	+39.6/-50.0	+35.0/-45.0 (3)
204"	204-3/4"	9	+45.0/-50.0	+44.2/-49.1	N/A
216"	216-3/4"		+45.0/-50.0	+39.6/-50.0	N/A

1) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION.

FOR WIDTHS OVER 192", SPECIAL ANCHOR CONDITIONS APPLY, SEE TABLE 4.

TRACK BRACKETS REQUIRED FOR WIDTHS OVER 192". QUANTITY SHOWN IS PER SIDE.

FOR DOORS WITH EITHER A TOTAL WEIGHT OF OVER 800 LBS OR A SECTION WIDTH OVER 192", A 3" TRACK SYSTEM IS REQUIRED, OTHERWISE A 2" TRACK SYSTEM IS ACCEPTABLE.



TRACK BRACKET LOCATIONS (IF NEEDED)

WINDOOR[®]

INCORPORATED

WINDOOR INCORPORATED
104 TRIPLE DIAMOND BLVD
N. VENICE, FL 34275
(833) 554-5432

PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

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OVERHEAD SECTIONAL GARAGE DOOR, LM

OVER 12' ELEVATION/DP

GD9995A

By J. ROSOWSKI

Date 06/07/21

GD-9995A-FPA

ANTHONY LYNN MILLER
LICENSE
No. 58705
6/18/24
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

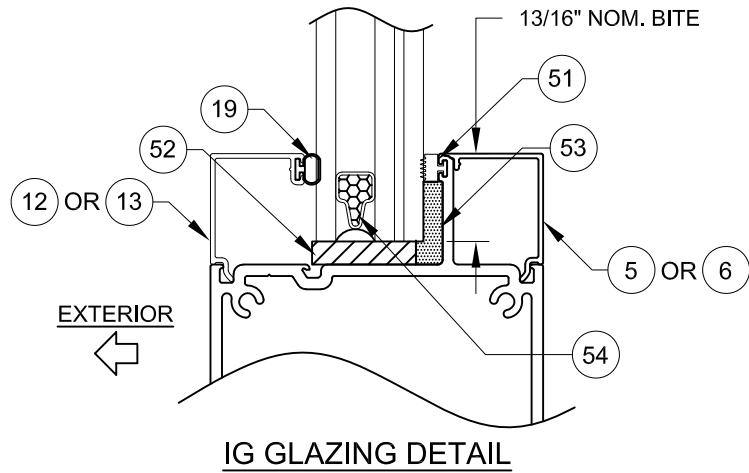
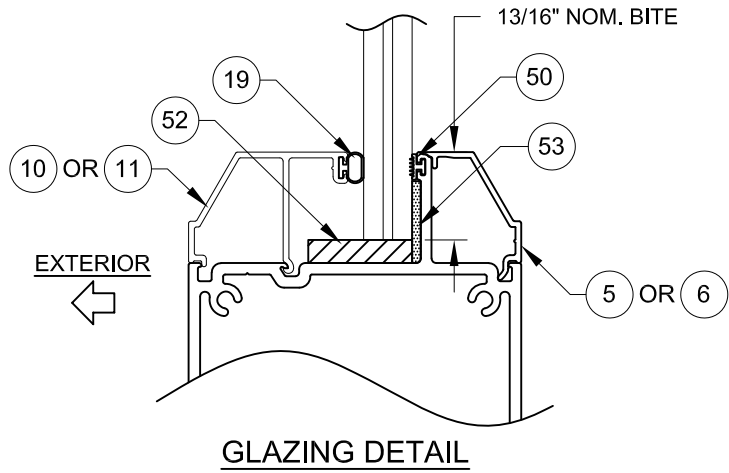
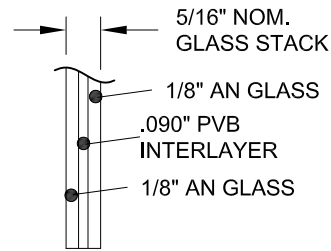


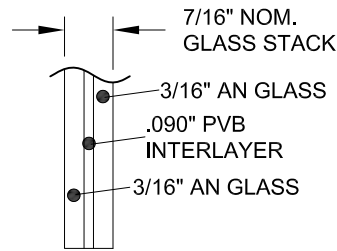
TABLE 3:

Glass Type	Description (Listed from Exterior to Interior)
1	1/8" AN, .090" PVB, 1/8" AN
2	3/16" AN, .090" PVB, 3/16" AN
3	3/16" HS, .090" PVB, 3/16" HS
4A	1/8" TP, .090" PVB, 0.7mm ATG
4B	3/16" TP, .090" PVB, 0.7mm ATG
5	1" LIG: 1/8" TP CAP, AIRSPACE, 1/8" AN, .090" PVB, 1/8" AN
6	1" LIG: 1/8" TP CAP, AIRSPACE, 3/16" AN, .090" PVB, 3/16" AN
7	1" LIG: 1/8" TP CAP, AIRSPACE, 3/16" HS, .090" PVB, 3/16" HS
8A	1" LIG: 1/8" TP CAP, AIRSPACE, 1/8" TP, .090" PVB, 0.7mm ATG
8B	1" LIG: 1/8" TP CAP, AIRSPACE, 3/16" TP, .090" PVB, 0.7mm ATG
9	1" LIG: 3/16" TP CAP, AIRSPACE, 1/8" AN, .090" PVB, 1/8" AN
10	1" LIG: 3/16" TP CAP, AIRSPACE, 3/16" AN, .090" PVB, 3/16" AN
11	1" LIG: 3/16" TP CAP, AIRSPACE, 3/16" HS, .090" PVB, 3/16" HS
12	1" LIG: 3/16" TP CAP, AIRSPACE, 3/16" TP, .090" PVB, 0.7mm ATG
OP	0.690" Mapes Opaque Panel

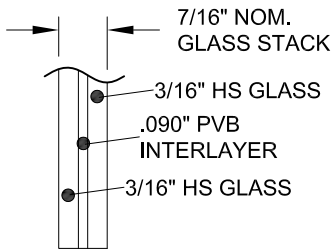
AN = ANNEALED
 HS = HEAT STRENGTHENED
 TP = TEMPERED
 PVB = .090" TROSIFOL PVB INTERLAYER BY KURARAY AMERICA, INC.



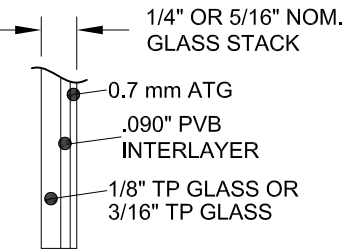
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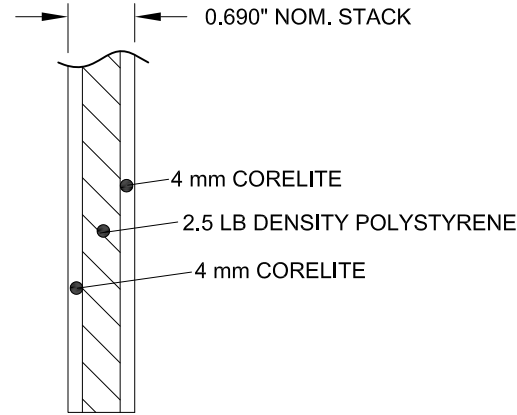
GLASS TYPE 2



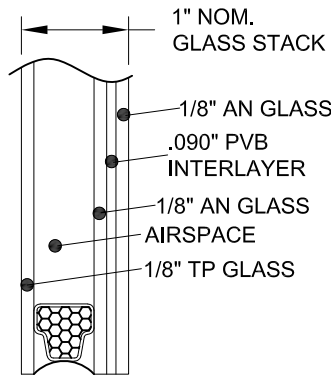
GLASS TYPE 3



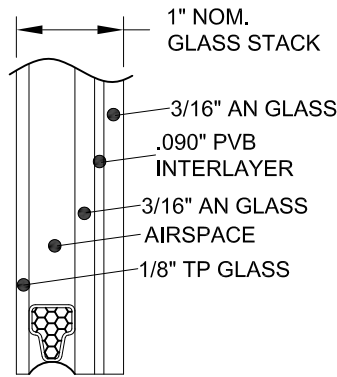
GLASS TYPE 4A (1/8")
GLASS TYPE 4B (3/16")



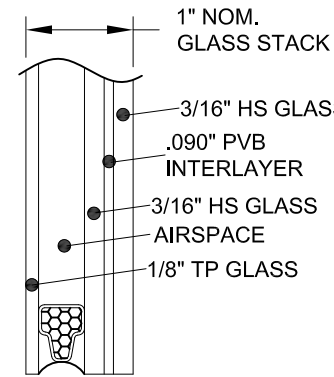
OPAQUE PANEL (OP)
MAPES CORELITE
ARCHITECTURAL PANEL



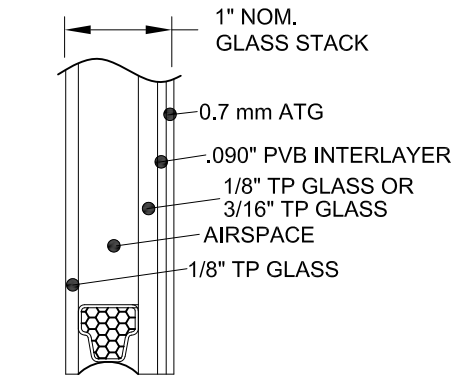
GLASS TYPE 5



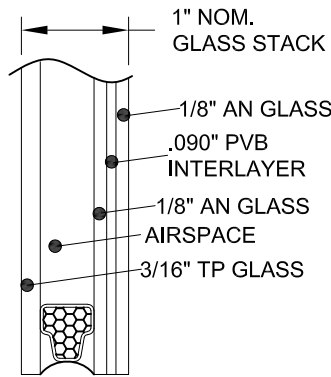
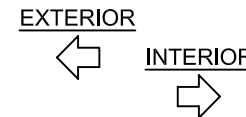
GLASS TYPE 6



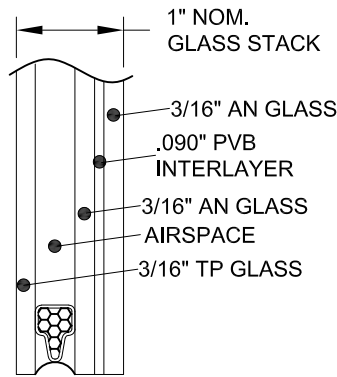
GLASS TYPE 7



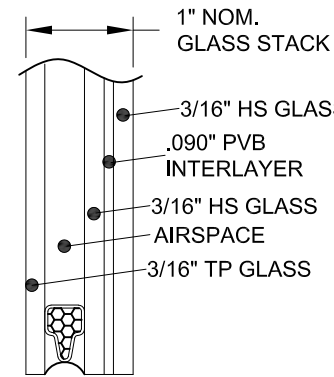
GLASS TYPE 8A (1/8")
GLASS TYPE 8B (3/16")



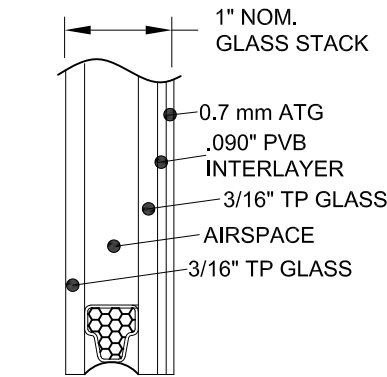
GLASS TYPE 9



GLASS TYPE 10



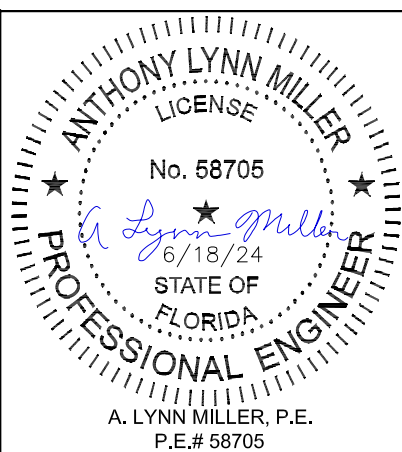
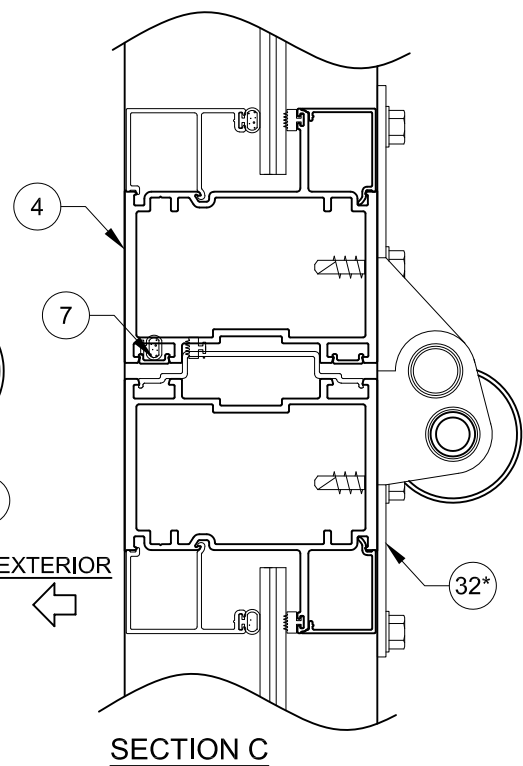
GLASS TYPE 11



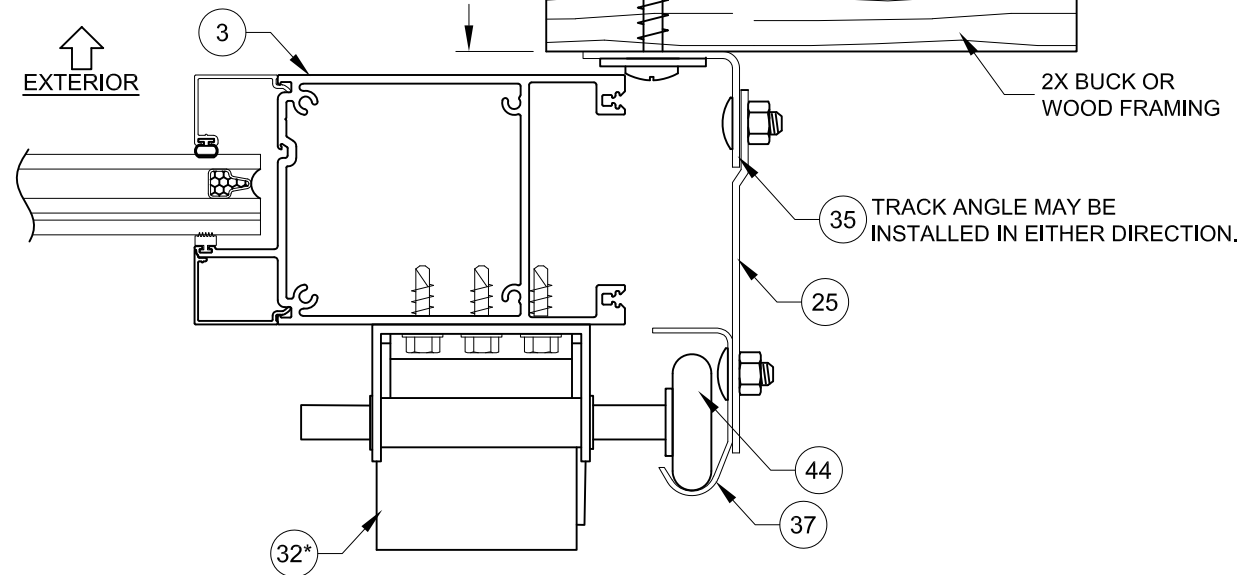
GLASS TYPE 12

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WINDOOR® INCORPORATED WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD N. VENICE, FL 34275 (833) 554-5432		OVERHEAD SECTIONAL GARAGE DOOR, LM		Title:	
GLAZING DETAILS, GLASS TYPES		Desc:		Series:	
Sheet: 3 OF 6		No.:		DWG:	
GD9995A		GD-9995A-FPA		Date: 05/30/24	

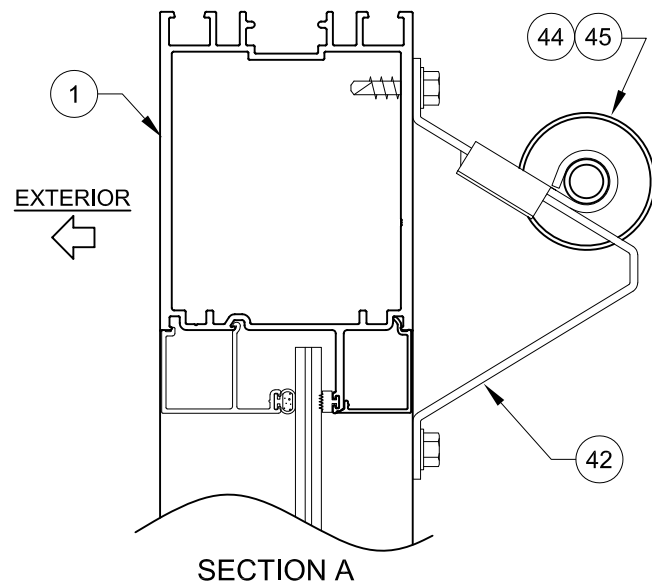
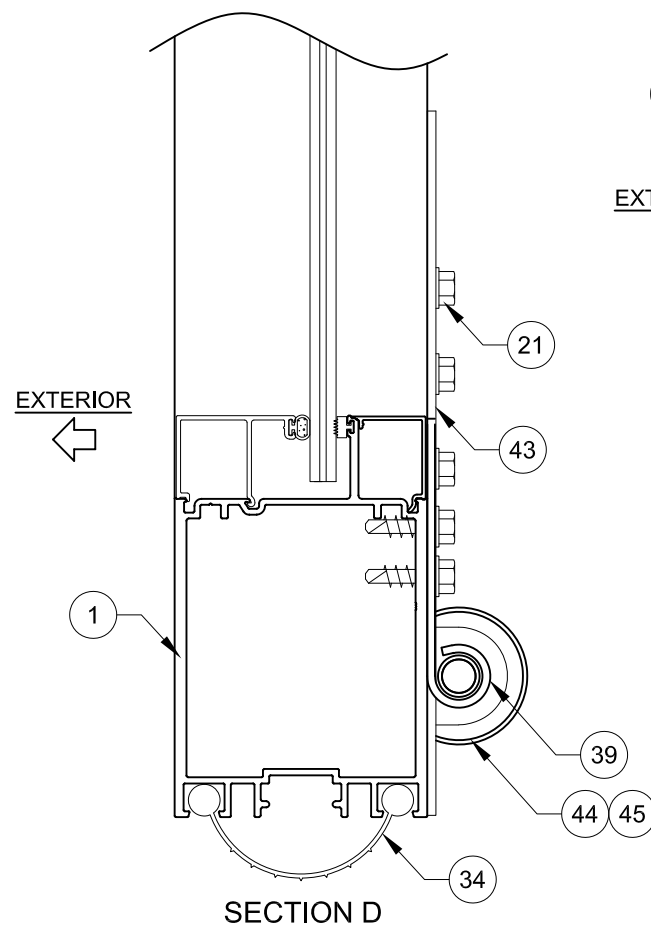
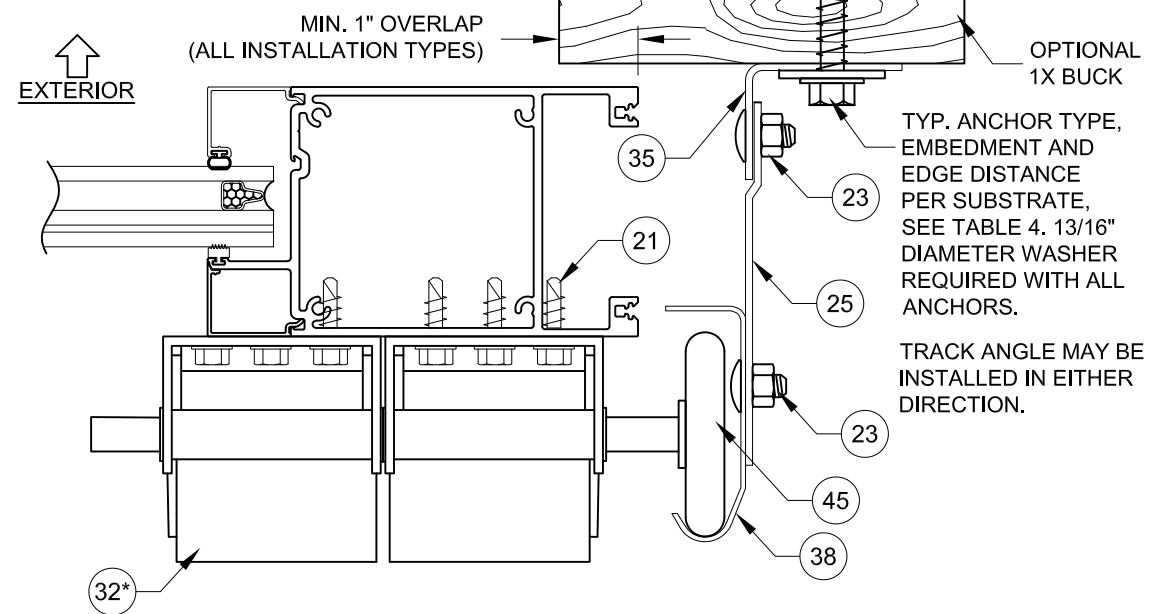
ANTHONY LYNN MILLER
 LICENSE
 No. 58705
 6/18/24
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 A. LYNN MILLER, P.E.
 P.E.# 58705



SECTION F WOOD INSTALLATION SHOWN WITH 2" ROLLERS AND TRACK

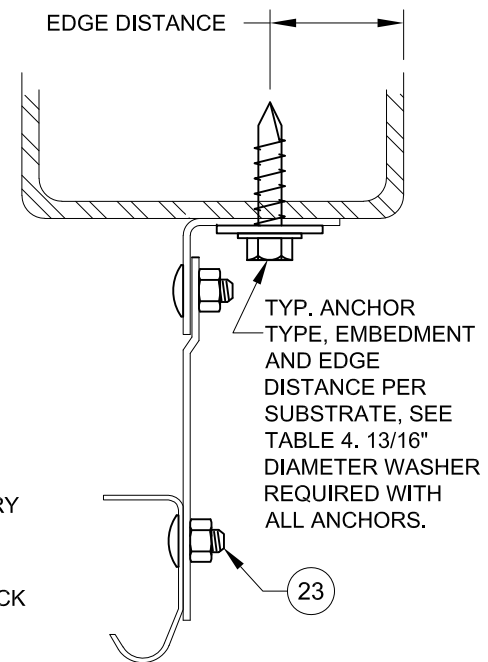
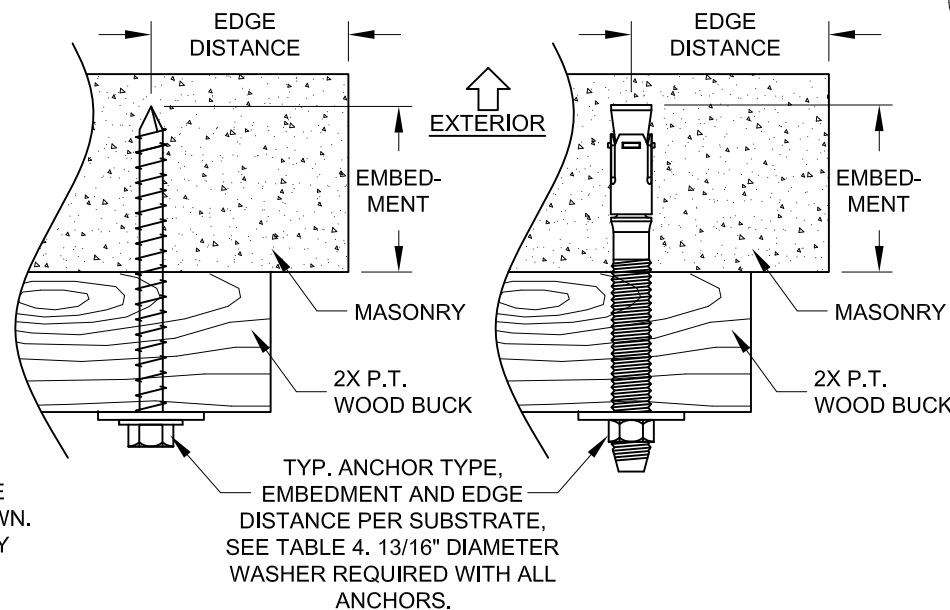


SECTION G 1X BUCK INSTALLATION SHOWN WITH 3" ROLLERS AND TRACK



NOTES:
1) EITHER 2\"/>

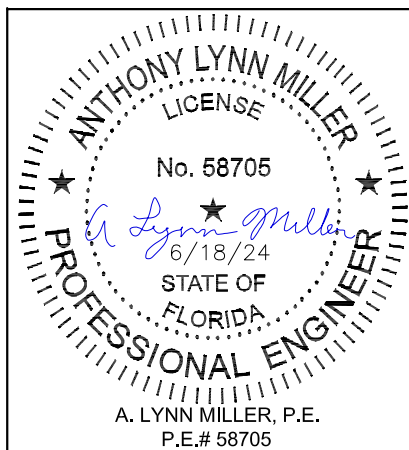
SECTION H TYP. 2X BUCK INSTALLATION OPTIONAL



SECTION F METAL INSTALLATION

SHOWN WITH 2\"/>

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INSTALL DETAILS, X-SECTIONS		By		Date	
GD9995A		5 OF 6		DWG No.	
GD9995A-FPA		Sheet		Title	

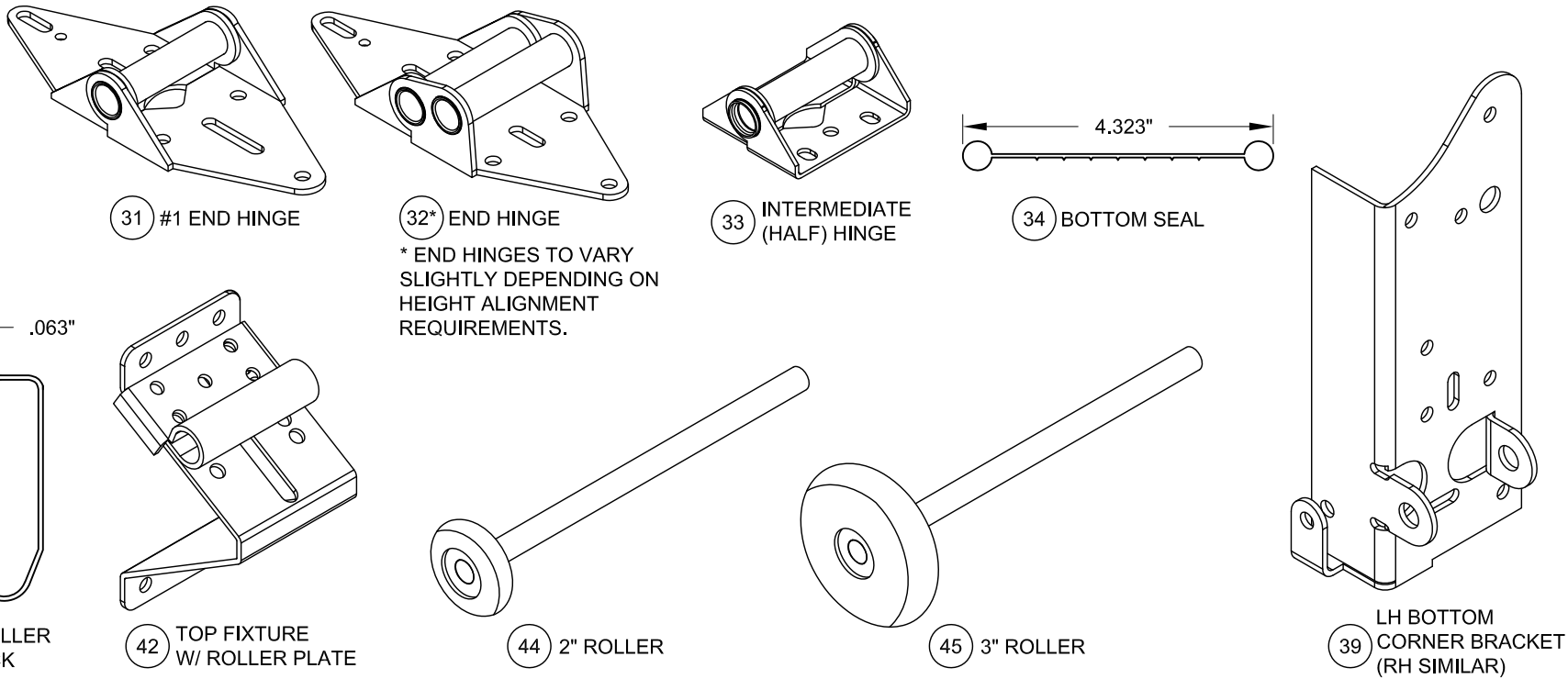
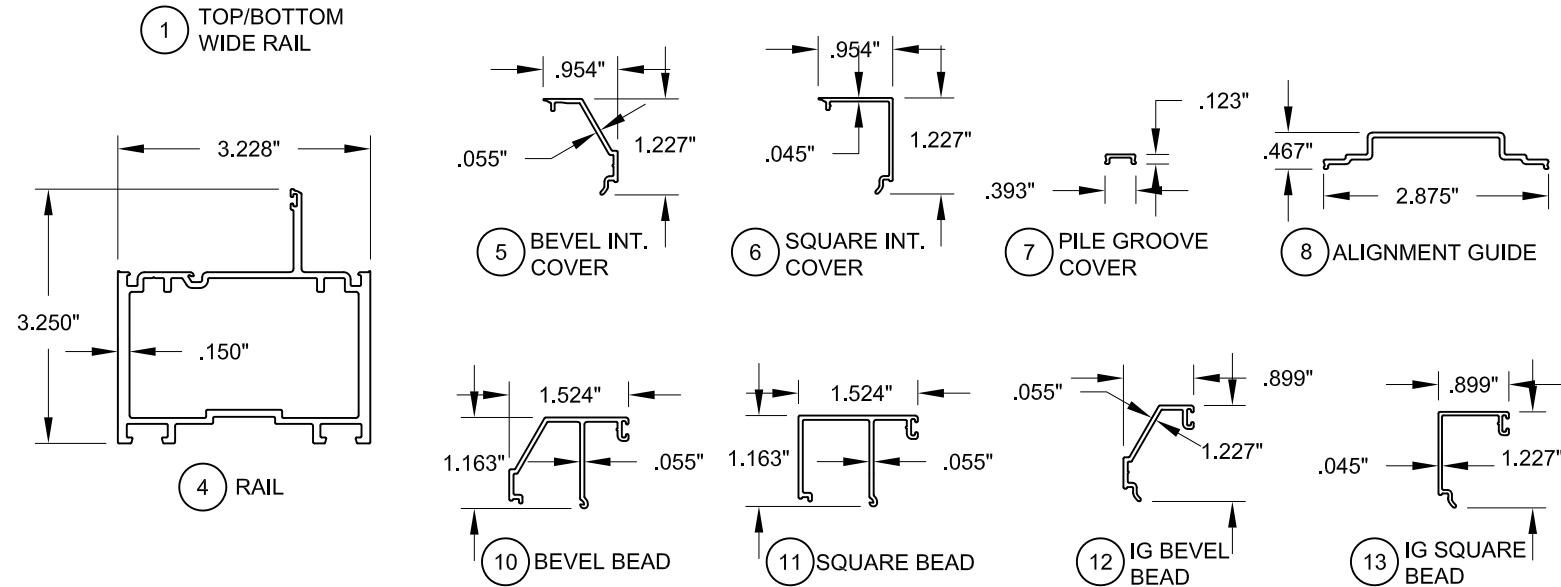
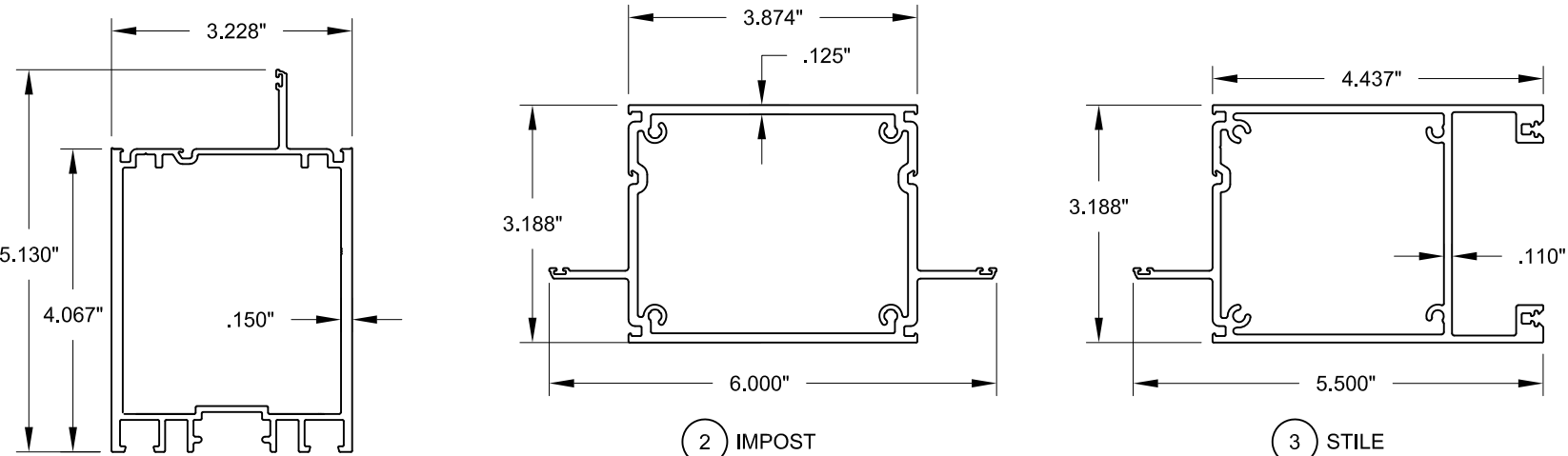


Rev.	05/30/24	B
Date	05/30/24	B
Rev.	05/30/24	B

CHANGED MAX. DLO FOR
GLASS TYPES 4B&12 - JL

TABLE 5:

ITEM	PGT PART#	DESCRIPTION	MATERIALS
1	21009	Top/Bottom Wide Rail	6063-T6
2	27000	Impost	6063-T6
3	21009	Stile	6063-T6
4	21010	Rail	6063-T6
5	21016	Beveled Interior Cover	6063-T6
6	21013	Square Interior Cover	6063-T6
7	23029	Pile Groove Cover	Vinyl
8	27001	Alignment Guide	6063-T6
10	21017	Beveled Bead	6063-T6
11	21014	Square Bead	6063-T6
12	21015	IG Beveled Bead	6063-T6
13	21012	IG Square Bead	6063-T6
19		Beading Bulb Weatherstrip	Vinyl
21		1/4" x 3/4" Hexhead SMS	SS
22	21041	Assembly Screw, #10 x 1-1/4" PH SDS	SS
23		1/4" Nut and Bolt or 1/4" Rivet	Steel
25		Adjustable Tab	Galv. Steel
26		Adjustable Splice Tab	Galv. Steel
31	9891X11HIN	#1 End Hinge	Galv. Steel
32	9892X11HIN	#2 End Hinge	Galv. Steel
34	27002	Bottom Seal, Duro. = 80	Vinyl
35		Vertical Track Angle	Steel
36		Horizontal Track Angle	Steel
37		2" Roller Track	Galv. Steel
38		3" Roller Track	Galv. Steel
39	852CB953WL	LH Bottom Corner Bracket	Galv. Steel
40	852CB953WR	RH Bottom Corner Bracket (not shown)	Galv. Steel
41	9150000059	Intermediate (Half) Hinge	Galv. Steel
42	853ADJTFCO	Top Fixture w/Roller Plate	Galv. Steel
44	9150000445	2" Roller	Nylon
45	9150000453	3" Roller	Nylon
50	21045	Small Glz. Leg Vinyl, Duro. 0.85	Flex. Vinyl
51	21045	Large Glz. Leg Vinyl, Duro. 0.85	Flex. Vinyl
52		Setting Block, 0.25"	EPDM
53	varies	Dow 791/983 or RGS 7700	Silicone
54	varies	IG Spacer	varies



Windoors®
INCORPORATED
WINDOOR INCORPORATED
104 TRIPLE DIAMOND BLVD
N VENICE, FL 34275
(833) 554-5432

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OVERHEAD SECTIONAL GARAGE DOOR, LM 06/07/21

By J. ROSOWSKI

Drawn

DWG No. 6 OF 6

Sheet GD9995A

GD-9995A-FPA

ANTHONY LYNN MILLER
LICENSE
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6/18/24
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
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