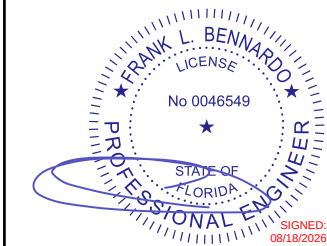


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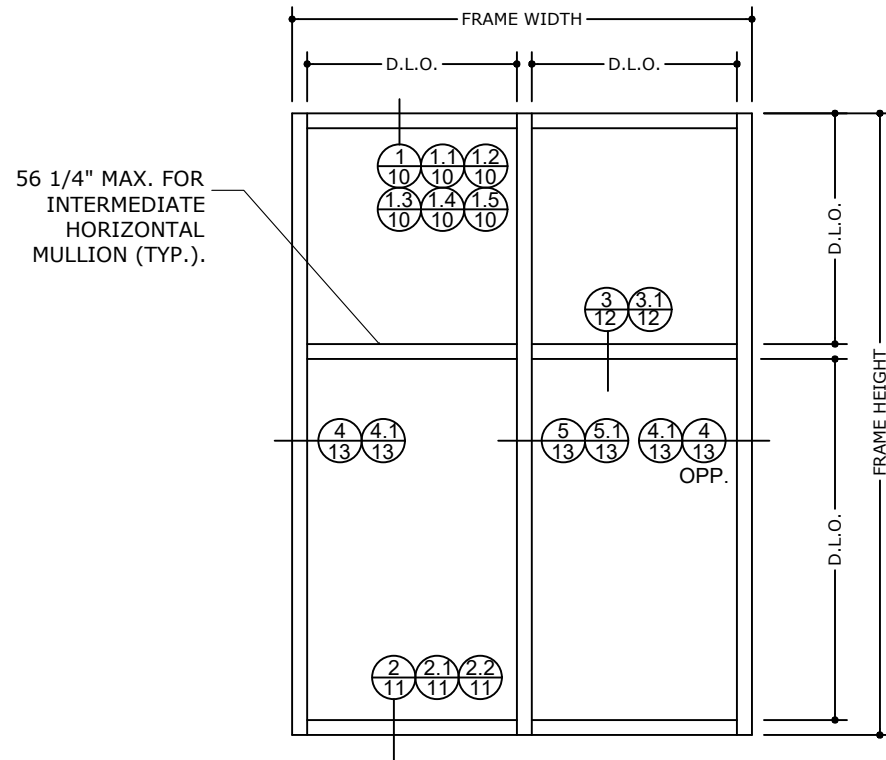
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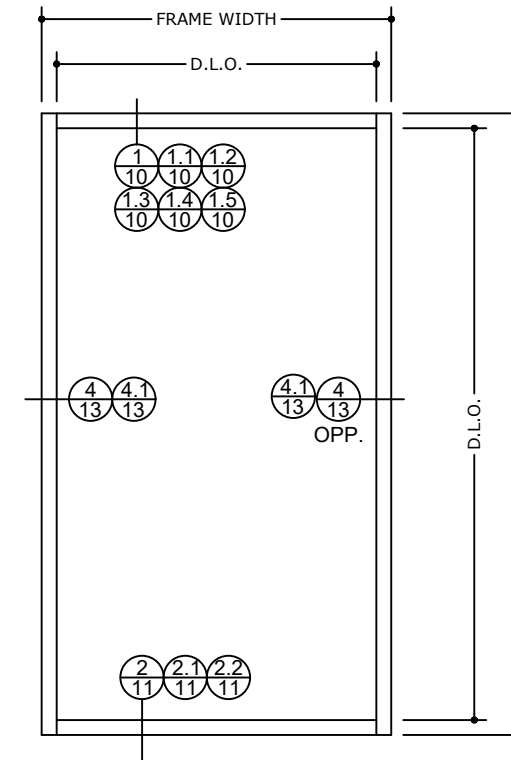
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TYPICAL CURTAINWALL ELEVATION



TYPICAL SINGLE PANEL ELEVATION

FRAME SIZE FOR SINGLE OPENINGS SHALL BE GOVERNED BY THE MAXIMUM ALLOWABLE D.L.O. DIMENSIONS DISPLAYED ON THE GLASS CHARTS.

INSTRUCTIONS TO DETERMINE DESIGN PRESSURE RATING

- STEP ①: USE THE GLASS LOADING TABLES TO DETERMINE THE ALLOWABLE PRESSURE OF THE GLASS.
- STEP ②: USE THE MULLION LOADING TABLE TO DETERMINE THE ALLOWABLE PRESSURES FOR THE MULLIONS
NOTE: TO DETERMINE THE LOADS OF THE MULLIONS, SEE DIAGRAM ON PAGE 5
- STEP ③: THE MINIMUM VALUE BETWEEN STEP ① AND STEP ② WILL DETERMINE THE DESIGN LOAD PRESSURE FOR THE CURTAIN WALL SYSTEM.

DESIGN PRESSURE RATING:

MAX. DESIGN PRESSURE: +40 / -40 P.S.F.

WATER INFILTRATION NOTE:

WATER RESISTANCE PER ASTM E331= 15 P.S.F

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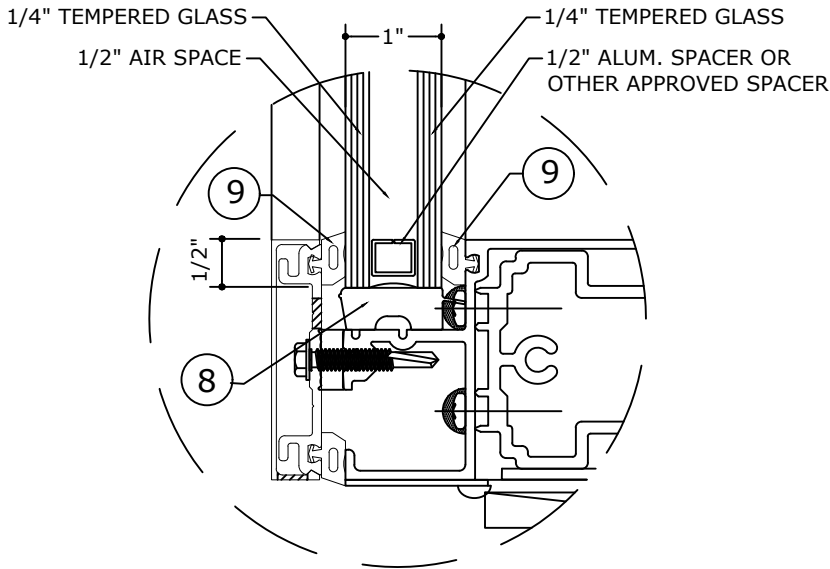
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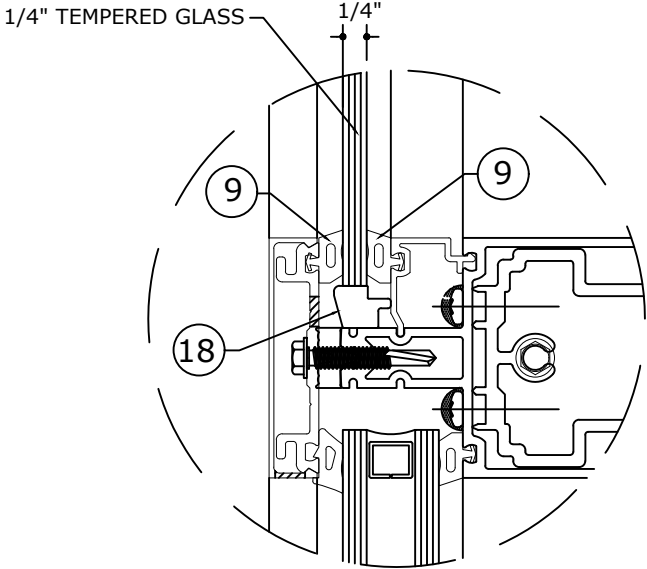
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GLASS TYPES

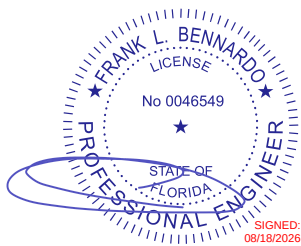


GLASS TYPE **G1**
GLAZING DETAIL
N.T.S.
GLASS RATING:
NON IMPACT



GLASS TYPE **G2**
GLAZING DETAIL
N.T.S.
GLASS RATING:
NON IMPACT

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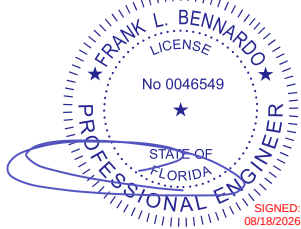
03 OF 17

GLASS LOADING TABLES

GLASS TYPE		
G1 G2		
MAX. D.L.O WIDTH (in)	MAX. D.L.O HEIGHT (in)	ALLOWABLE PRESSURE (P.S.F)
24	72	+ / - 40
30	60	+ / - 40
36	58	+ / - 40

NOTE: D.L.O. WIDTH AND HEIGHT DIMENSIONS CAN
BE REVERSED.

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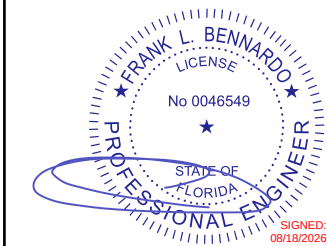
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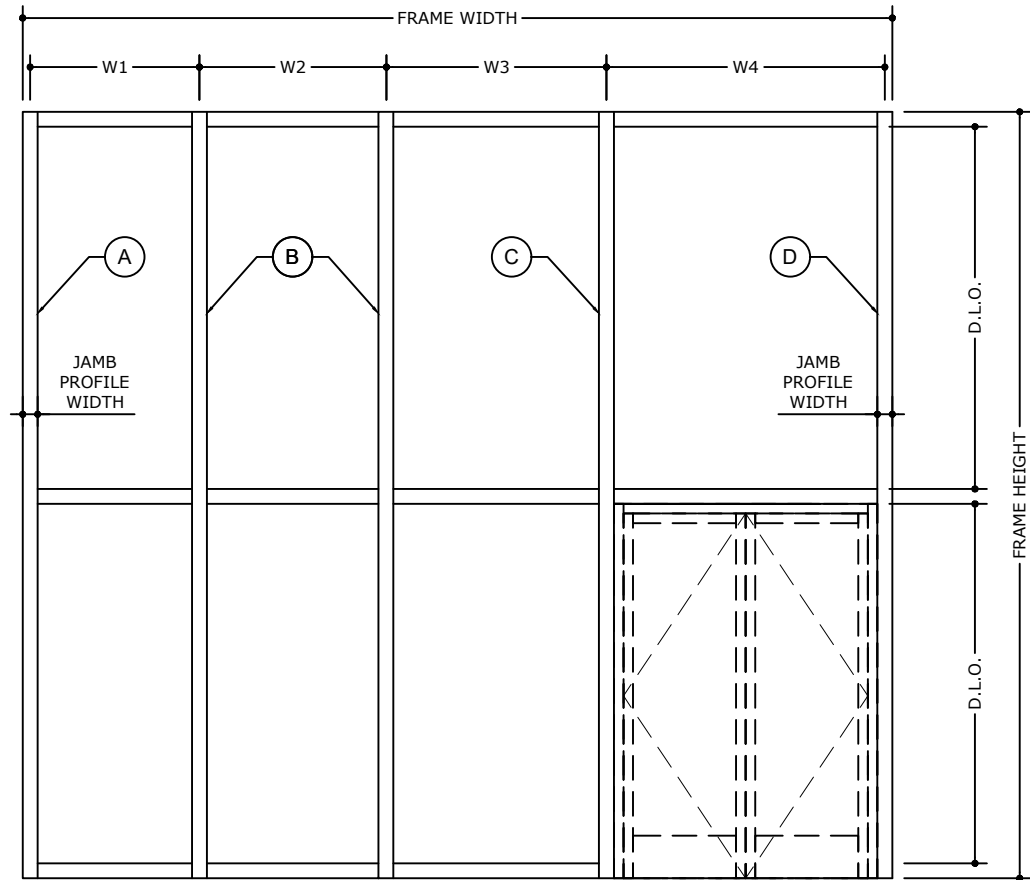
SINGLE SPAN MULLION LOAD DETERMINATION

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LOAD DETERMINATION

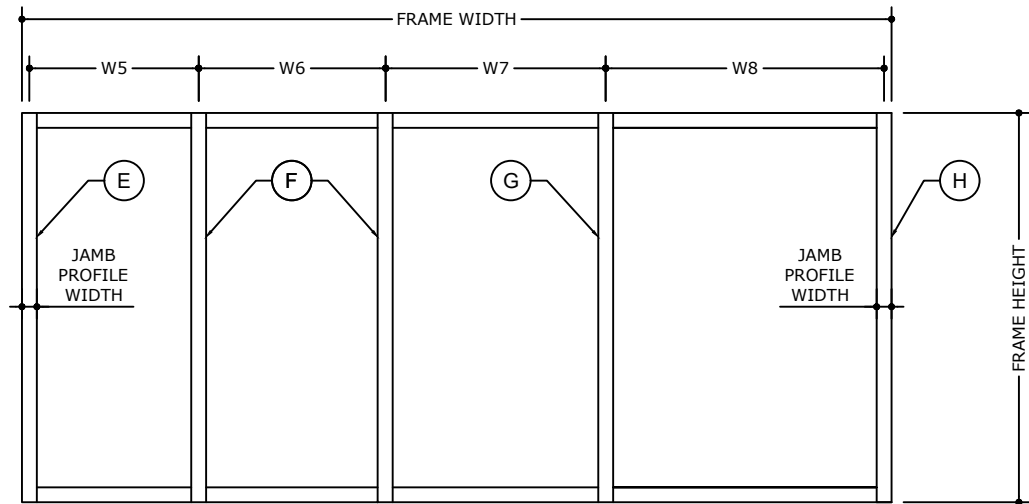
TRIBUTARY WIDTH A = $\frac{W1}{2} + 1/2"$ JAMB PROFILE WIDTH
(FOR STANDARD JAMB MULLION)

TRIBUTARY WIDTH B = LARGER OF $\frac{W1 + W2}{2}$ OR $\frac{W2 + W3}{2}$
(FOR STANDARD MULLION)

TRIBUTARY WIDTH C = $\frac{W3 + W4}{2}$
(FOR INTERMEDIATE DOOR MULLION)

TRIBUTARY WIDTH D = $\frac{W4}{2} + 1/2"$ JAMB PROFILE WIDTH
(FOR DOOR JAMB MULLION)

A	E	I	JAMB MULLION
B	F		STANDARD MULLION
C	G		DOOR JAMB INTERMEDIATE MULLION
D	H		DOOR JAMB MULLION



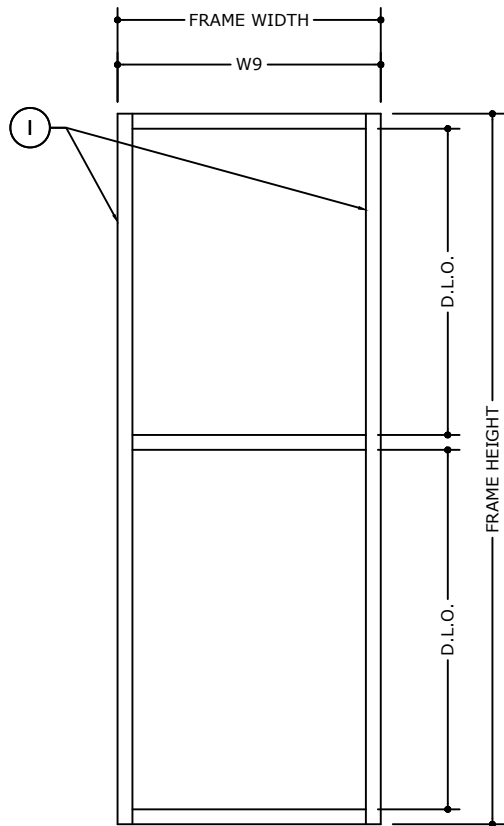
LOAD DETERMINATION

TRIBUTARY WIDTH E = $\frac{W5}{2} + 1/2"$ JAMB PROFILE WIDTH
(FOR STANDARD JAMB MULLION)

TRIBUTARY WIDTH F = LARGER OF $\frac{W5 + W6}{2}$ OR $\frac{W6 + W7}{2}$
(FOR STANDARD MULLION)

TRIBUTARY WIDTH G = $\frac{W7}{2} + \frac{W8}{4}$
(FOR INTERMEDIATE MULLION)

TRIBUTARY WIDTH H = $\frac{W8}{4} + 1/2"$ JAMB PROFILE WIDTH
(FOR JAMB MULLION)



LOAD DETERMINATION

TRIBUTARY WIDTH I = $\frac{W9}{2}$
(FOR STANDARD JAMB MULLION)

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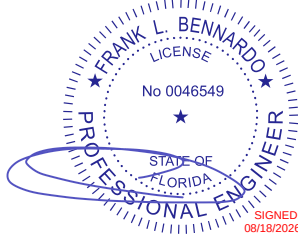
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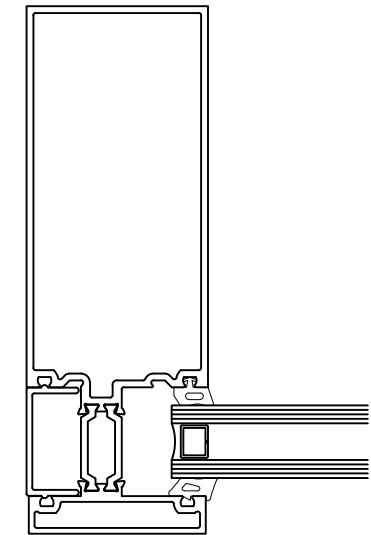
RELIANCE TC CURTAIN WALL MULLION

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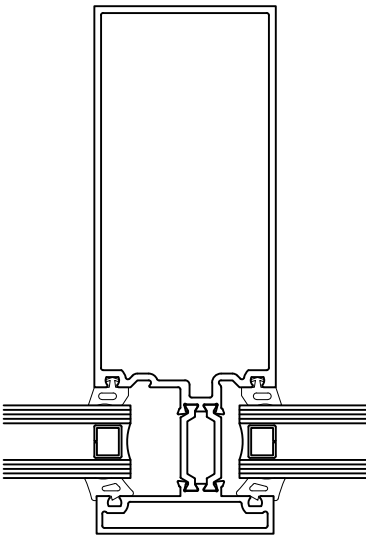
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J1



M1

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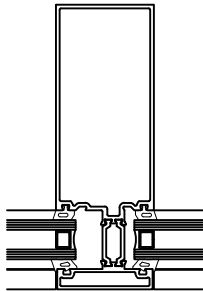
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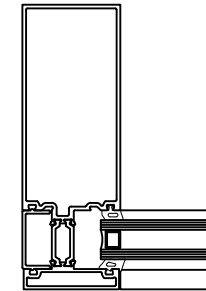
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MAXIMUM A.S.D. DESIGN PRESSURE RATING FOR SINGLE SPAN MULLIONS

MULLION LOADING CHART		MULLION TYPE	
		M1	
FRAME HEIGHT (in)	TRIBUTARY WIDTH (in)	(+) P.S.F	(-) P.S.F
96	24	40	40
	30	40	40
	36	40	40
	42	40	40
	48	40	40
	54	40	40
	60	40	40
	66	40	40
	72	40	40
108	24	40	40
	30	40	40
	36	40	40
	42	40	40
	48	40	40
	54	40	40
	60	40	40
116	24	40	40
	30	40	40
	36	40	40
	42	40	40
	48	40	40
	58 3/4	40	40
	60	36	36



M1
DETAIL 4.1



J1
DETAIL 4

JAMB MULLION LOADING CHART		MULLION TYPE	
		J1	
FRAME HEIGHT (in)	TRIBUTARY WIDTH (in)	(+) P.S.F	(-) P.S.F
60	24	40	40
	32	40	40
	36	40	40
	42	40	40
	48	40	40
	54	40	40
72	24	40	40
	32	40	40
	36	40	40
	42	40	40
84	24	40	40
	32	40	40
	36	40	40
96	24	40	40
	32	40	40
	36	40	40
108	24	40	40
	32	40	40
116	24	40	40
	32	40	40

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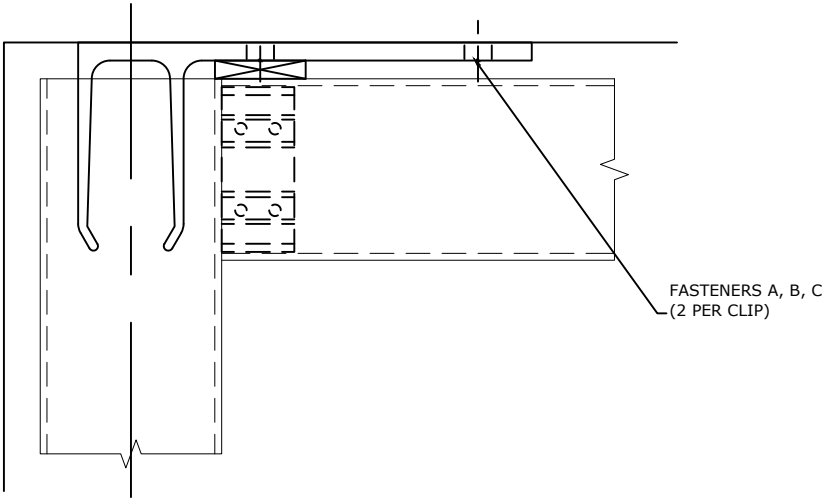
VERTICAL JAMB HEAD/SILL ANCHORAGE

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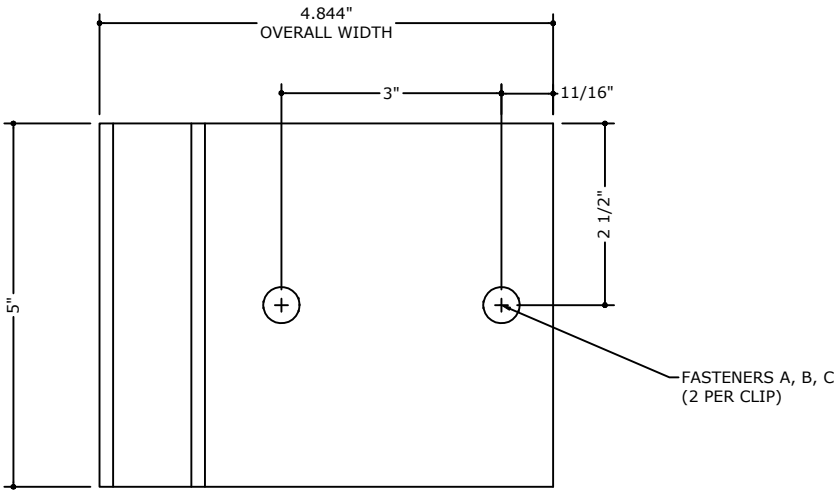
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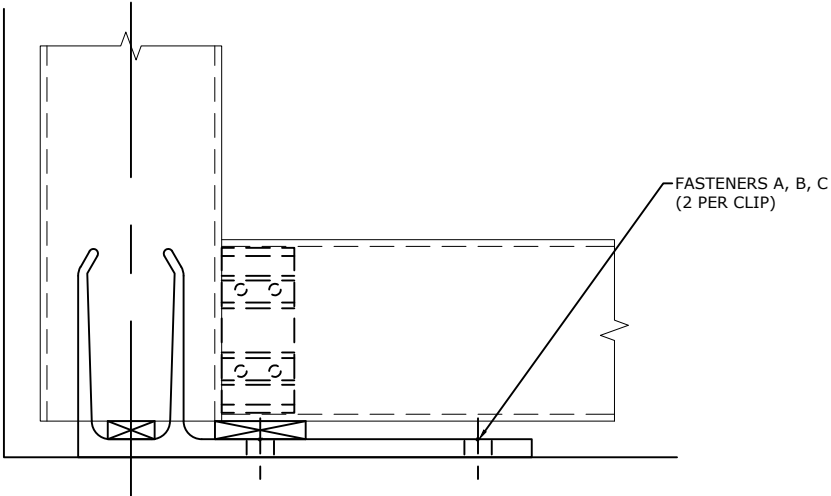
HEAD DETAIL



F ANCHOR CLIP DETAIL

FASTENER TYPES

- A - 1/2" Ø DEWALT POWER STUD WEDGE EXPANSION ANCHOR INTO 3000 PSI CONCRETE, 1-5/8" MIN. EMBED. DEPTH & 2-1/2" MIN EDGE DISTANCE
- B - 1/2" Ø - 13 TAPFLEX WITH 3/4" HWH WITH SERRATIONS, GRADE 5 , INTO 1/8" MIN. A-36 STEEL, 16 GA MIN. STUD ASTM A-653 GRADE 33 STEEL OR 1/8" MIN. ALUMINUM 6063-T6 & 1 1/2" MIN. EDGE DISTANCE.
- C - 3/8" Ø LAG SCREW WITH 3" MIN. EMBEDMENT INTO G=0.55" MIN. SPECIFIC GRAVITY WOOD SUBSTRATE WITH 1 1/2" MIN. EDGE DISTANCE. LIMITED TO ±40 P.S.F.



SILL DETAIL

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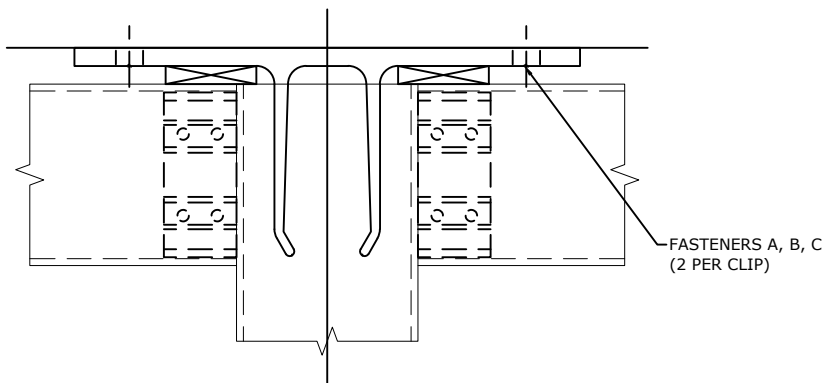
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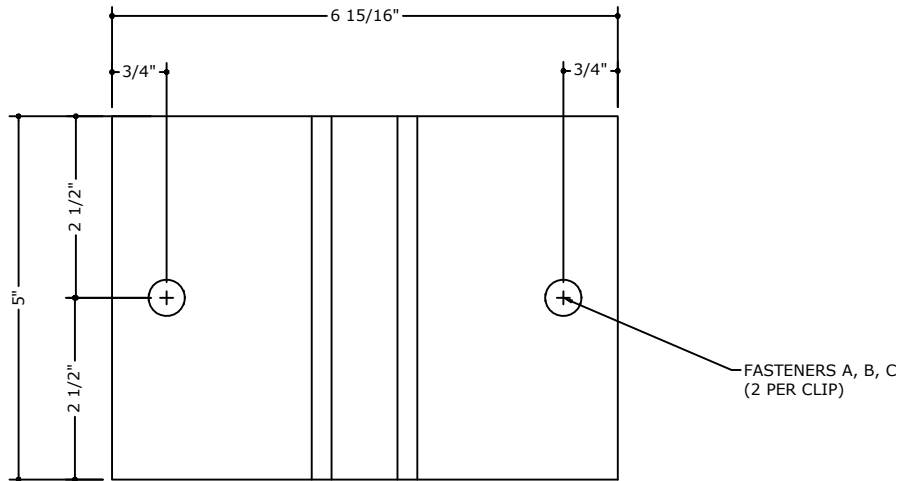
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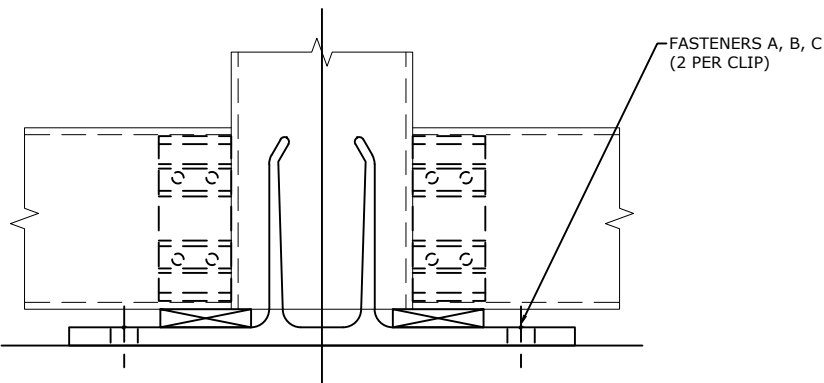
INTERMEDIATE MULLION HEAD/SILL ANCHORAGE



HEAD DETAIL



T ANCHOR CLIP DETAIL

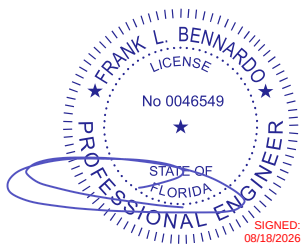


SILL DETAIL

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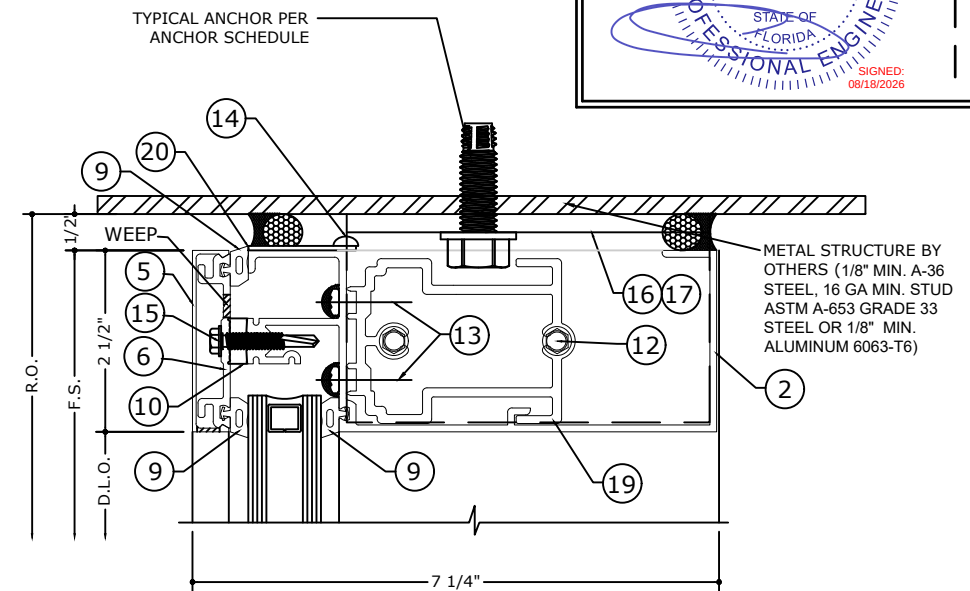
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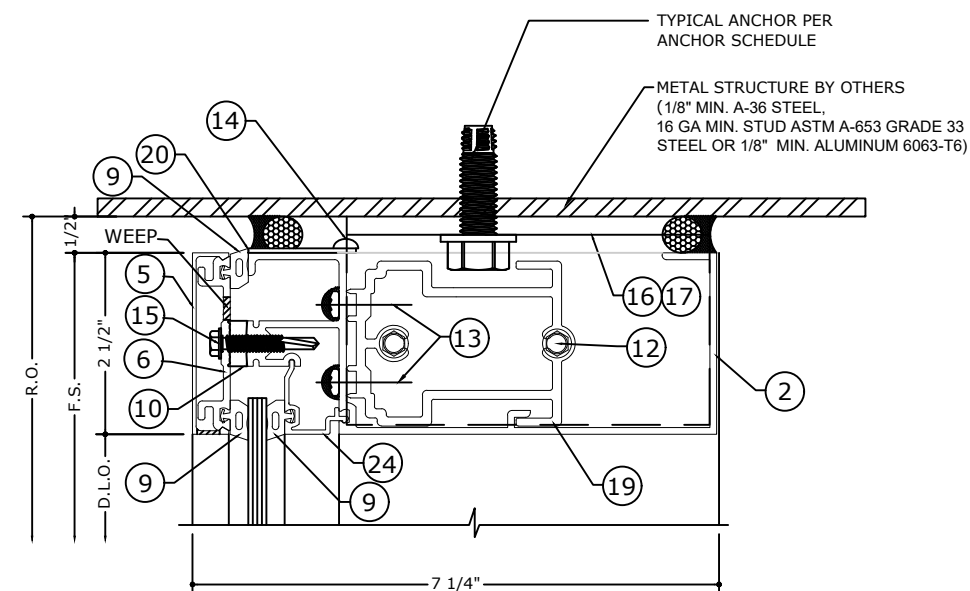
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1.1 HEAD DETAIL



1.2 HEAD DETAIL



1.5 HEAD DETAIL
SCALE: 6" = 1'-0"

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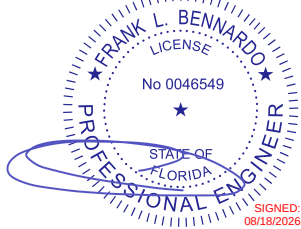
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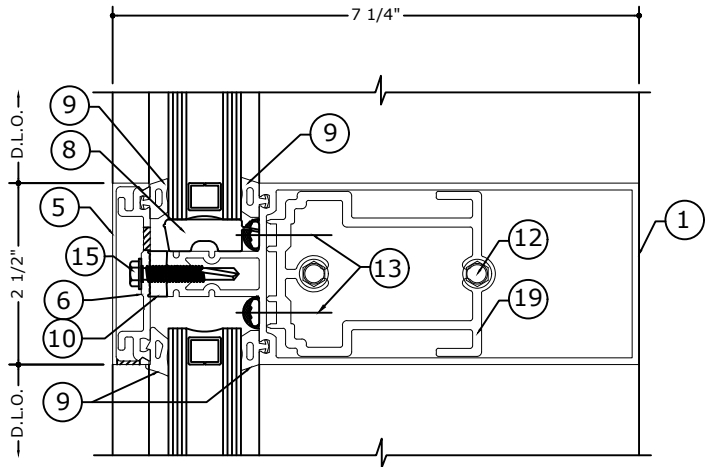
HORIZONTAL DETAILS

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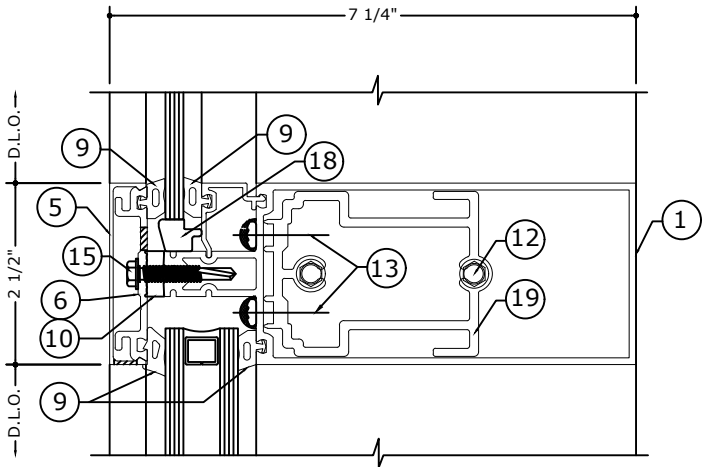
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3 INTERMEDIATE
HORIZONTAL DETAIL
SCALE: 6" = 1'-0"



3.1 INTERMEDIATE
HORIZONTAL DETAIL
SCALE: 6" = 1'-0"

NOTE: REFER TO SYSTEM INSTALLATION MANUAL
FOR FABRICATION AND ASSEMBLY INSTRUCTIONS.

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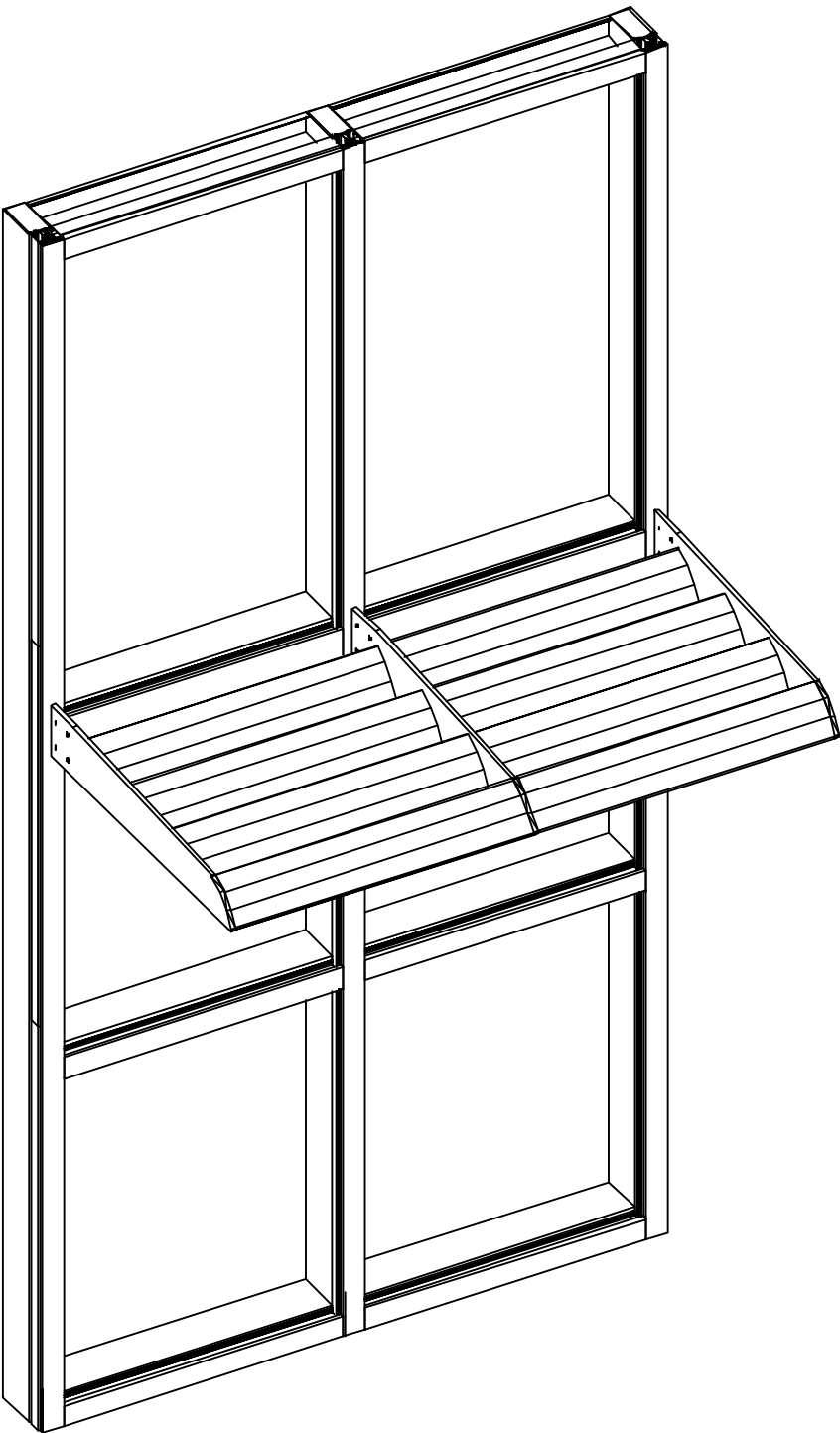
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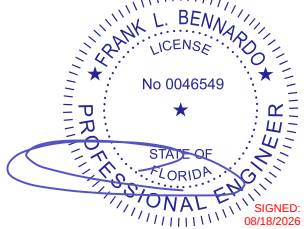
SUNSHADE OPTION



NOTE: OPTIONAL SUNSHADES IN NON-HVHZ
CONDITIONS CAN BE USED BASED ON SITE
SPECIFIC ENGINEERING.

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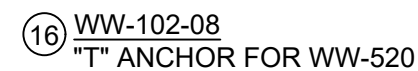
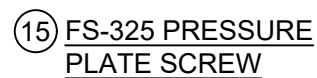
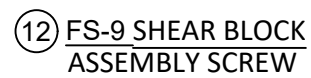
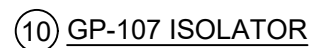
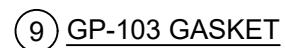
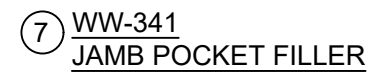
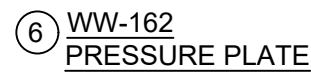
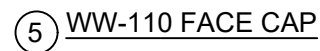
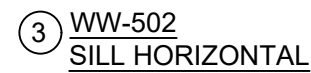
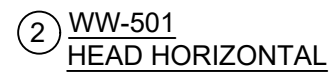
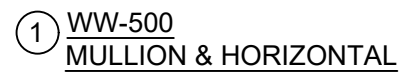
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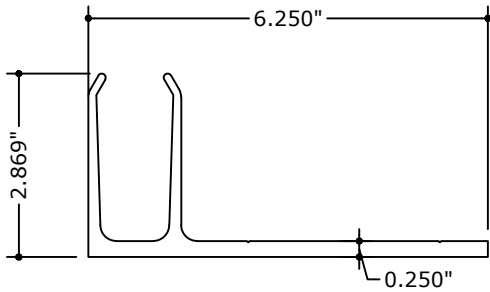
RELIANCE™ TC CURTAINWALL
FLORIDA BUILDING CODE NINTH EDITION (2026)
FLORIDA STATEWIDE APPROVAL (FSA FL#17691.5)

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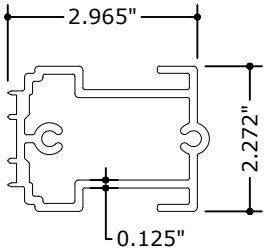
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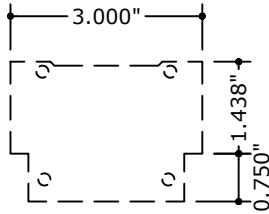
RELIANCE TC CURTAIN WALL SYSTEM COMPONENTS



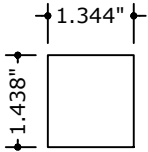
17 WW-103-05
"F" ANCHOR FOR WW-520



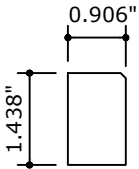
19 WW-181-01
SHEAR BLOCK



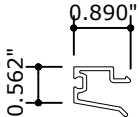
20 WW-343
MULLION END CAP



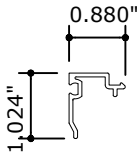
21 WW-364 ZONE PLUG DEEP
POCKET



22 WW-365 ZONE PLUG SHALLOW
POCKET

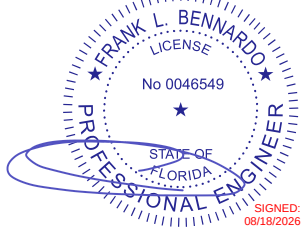


23 WW-145 GLAZING ADAPTOR



24 WW-130 GLAZING ADAPTOR

FRANK BENNARDO, PE
PE# 0046549 CA# 9885



AUGUST 11, 2026

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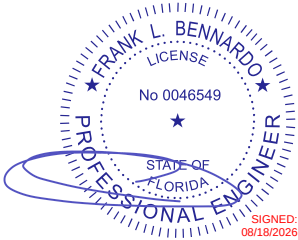
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BILL OF MATERIALS				
ITEM NO.	PART NUMBER	DESCRIPTION	DIMENSIONS	MATERIAL
1	WW-500	MULLION & HORIZONTAL	2.500" x 6.510" x .094	6063-T6 ALUMINUM
2	WW-501	HEAD HORIZONTAL	2.500" x 6.479" x .094"	6063-T6 ALUMINUM
3	WW-502	SILL HORIZONTAL	2.500" x 6.510" x .094"	6063-T6 ALUMINUM
4	WW-520	MULLION	2.500" x 7.269" x .094"	6063-T6 ALUMINUM
5	WW-110	FACE CAP	2.500" x 0.5" x .050"	6063-T5 ALUMINUM
6	WW-162	PRESSURE PLATE	2.401" x 0.442" x .094	6063-T6 ALUMINUM
7	WW-341	JAMB POCKET FILLER	.719" x 1.560" x .080"	RIGID PVC
8	GP-109	SETTING BLOCK	.438" x 1.296" x 4" LG.	EPDM 85 DUROMETER
9	GP-103	GASKET	.485" x .561"	EPDM 60 DUROMETER
10	GP-107	ISOLATOR GASKET	.626" x .264"	EPDM 70 DUROMETER
11	GP-113	WEDGE GASKET	.412" x .630"	EPDM 70 DUROMETER
12	FS-9	SHEAR BLOCK TO VERTICAL FASTENER	#14 X 1-1/2" SLOTTED HEX HEAD	STEEL
13	FS-115	HORIZONTAL TO SHEAR BLOCK	#10 X 1" PAN HEAD	STEEL
14	FS-320	END CAP TO MULLION FASTENER	#10 X 1/2" DRIVE PIN	STEEL
15	FS-325	PRESSURE PLATE FASTENER	#12-24 X 1.343" HWH DRILL FLEX	STEEL
16	WW-102-08	"T" ANCHOR FOR WW-520	2.869" x 6.968" x .250"	6063-T6 ALUMINUM
17	WW-103-05	"F" ANCHOR FOR WW-520	2.869" x 6.250" x .250"	6063-T6 ALUMINUM
18	GP-110	SETTING BLOCK	.438" x 0.591"	EPDM 85 DUROMETER
19	WW-181-01	SHEAR BLOCK	2.272" x 2.967" x 1.00" LG.	6063-T6 ALUMINUM
20	WW-343	MULL END CAP	2.213" x 3.00" x .062"	3003-H14
21	WW-364	ZONE PLUG DEEP POCKET	1.344" x .750" x 1.438"	ABS PLASTIC
22	WW-365	ZONE PLUG SHALLOW POCKET	.906" x .750" x 1.438"	ABS PLASTIC
23	WW-145	1/4" GLAZING ADAPTOR	.781" x .890" x .060"	6063-T5 ALUMINUM
24	WW-130	1/4" GLAZING ADAPTOR	1.024" x .880" x .060"	6063-T5 ALUMINUM

FRANK BENNARDO, PE
PE# 0046549 CA# 9885



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