

KAWNEER 1600 WALL SYSTEM 1
2 1/2" x 7 13/16" CURTAINWALL SYSTEM
LEVEL E IMPACT RESISTANT

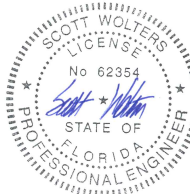
GENERAL NOTES:

- 1. THIS PRODUCT MEETS ALL THE REQUIREMENTS OF THE 8TH EDITION (2023) FLORIDA BUILDING CODE, INCLUDING THE HVHZ PROVISIONS.
- 2. THIS SYSTEM HAS BEEN TESTED PER TAS 201, 202, 203, ASTM 1886, AND ASTM 1996 FOR LEVEL E LARGE AND SMALL MISSILE IMPACT RESISTANCE. SHUTTERS ARE NOT REQUIRED.
- 3. DESIGN LOADS MUST BE CALCULATED BY A PROFESSIONAL ENGINEER OR ARCHITECT FOR EACH PROJECT. THE (ASD) DESIGN PRESSURE CANNOT EXCEED THE PRESSURES LISTED FOR EACH COMPONENT OF THIS SYSTEM.
- 4. WOOD BUCKS (OPTIONAL) ARE BY OTHERS AND MUST BE ANCHORED PROPERLY TO TRANSFER IMPOSED LOADS TO THE STRUCTURE.
- 5. ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT IN BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
- 6. CODE REQUIREMENTS FOR SAFE GUARDS MUST BE OBSERVED.
- 7. THE GLASS CHART IN SECTION 5 IS BASED ON TESTED PRESSURES AND ASTM E 1300-16.
- 8. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH DISSIMILAR MATERIALS SHALL BE SEPARATED TO PREVENT GALVANIC REACTIONS PER FBC REQUIREMENTS.

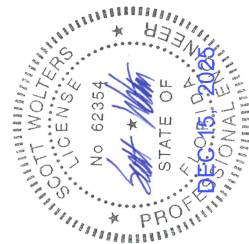
SYSTEM NOTES:

- GLASS..... SEE CHART ON SHEET 6 FOR ALLOWABLE GLASS TYPES, SIZES AND DESIGN PRESSURES.
- MULLIONS..... SEE CHART ON SHEET 5 FOR ALLOWABLE DESIGN PRESSURES FOR VARIOUS MULLION AND REINFORCEMENT CONFIGURATIONS.
- JAMBS..... SEE CHARTS ON SHEET 5 (FREE) OR SHEET 9 (ANCHORED) FOR ALLOWABLE DESIGN PRESSURES FOR JAMBS WITH AND WITHOUT REINFORCING.
- ANCHORS..... SEE CHARTS AND NOTES ON SHEETS 7-8 FOR ALLOWABLE HEAD/SILL ANCHORS AND LOADS.
- SYSTEM..... THE DESIGN PRESSURE OF THE ENTIRE SYSTEM IS THE LOWEST ALLOWABLE DESIGN PRESSURE OF THE COMPONENTS ABOVE.

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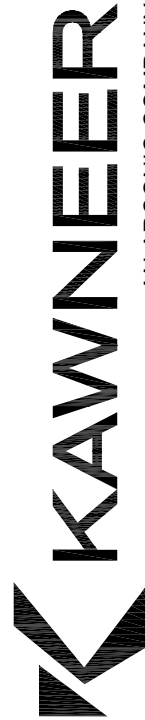


Digitally signed
by Scott Wolters
Date: 2025.12.15
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SEAL:
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
PH/FAX:(561) 225-1982

PRODUCT:
1600 WALL SYS 1
2 1/2" LEVEL E
DWG:
1600-IR-OH
SHEET:
1/11



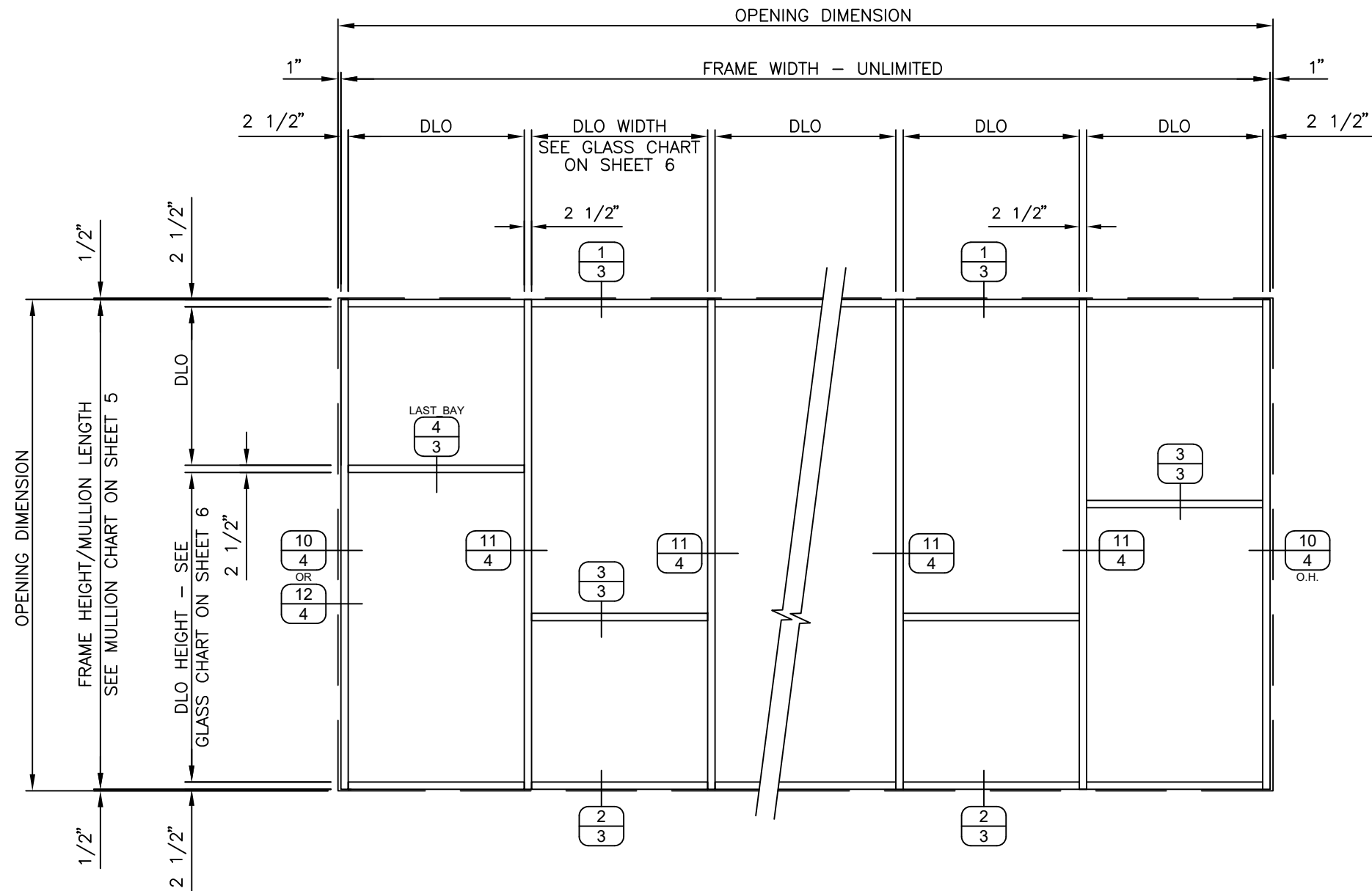
KAWNEER
AN ARCONIC COMPANY

555 GUTHRIDGE COURT
NORCROSS, GA 30092

PH: (770) 449-5555
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ELEVATION



EXTERIOR VIEW
(NOT TO SCALE)

SEAL:

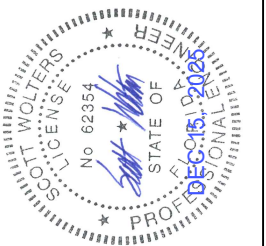
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15211 97TH ROAD N
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PRODUCT:
1600 WALL SYS 1
2 1/2" LEVEL E

1600-IR-OH

SHEET: 2/11



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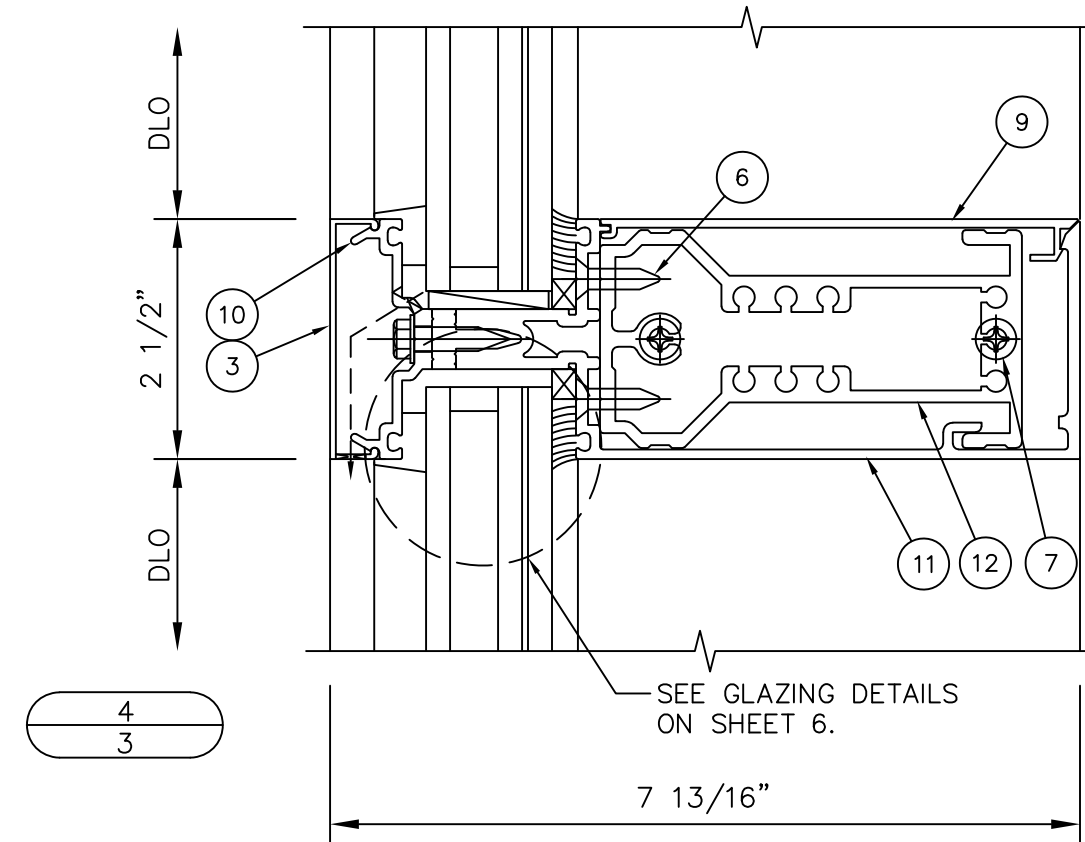
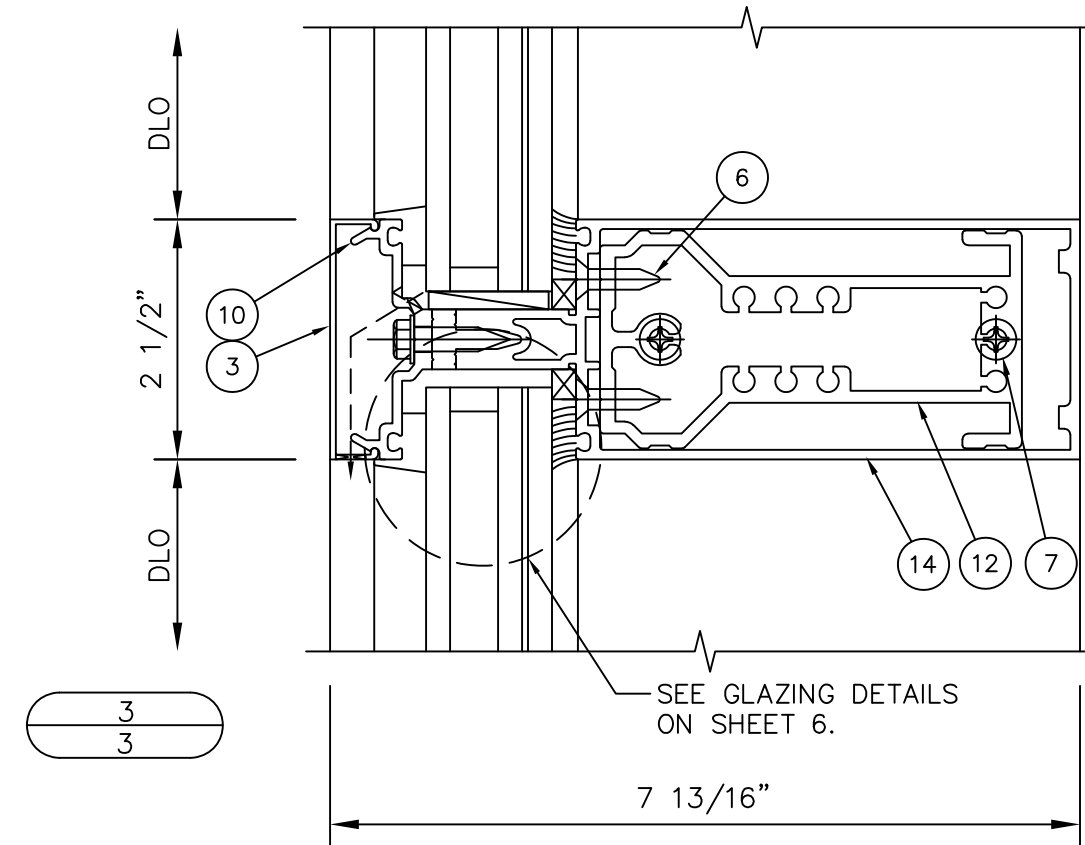
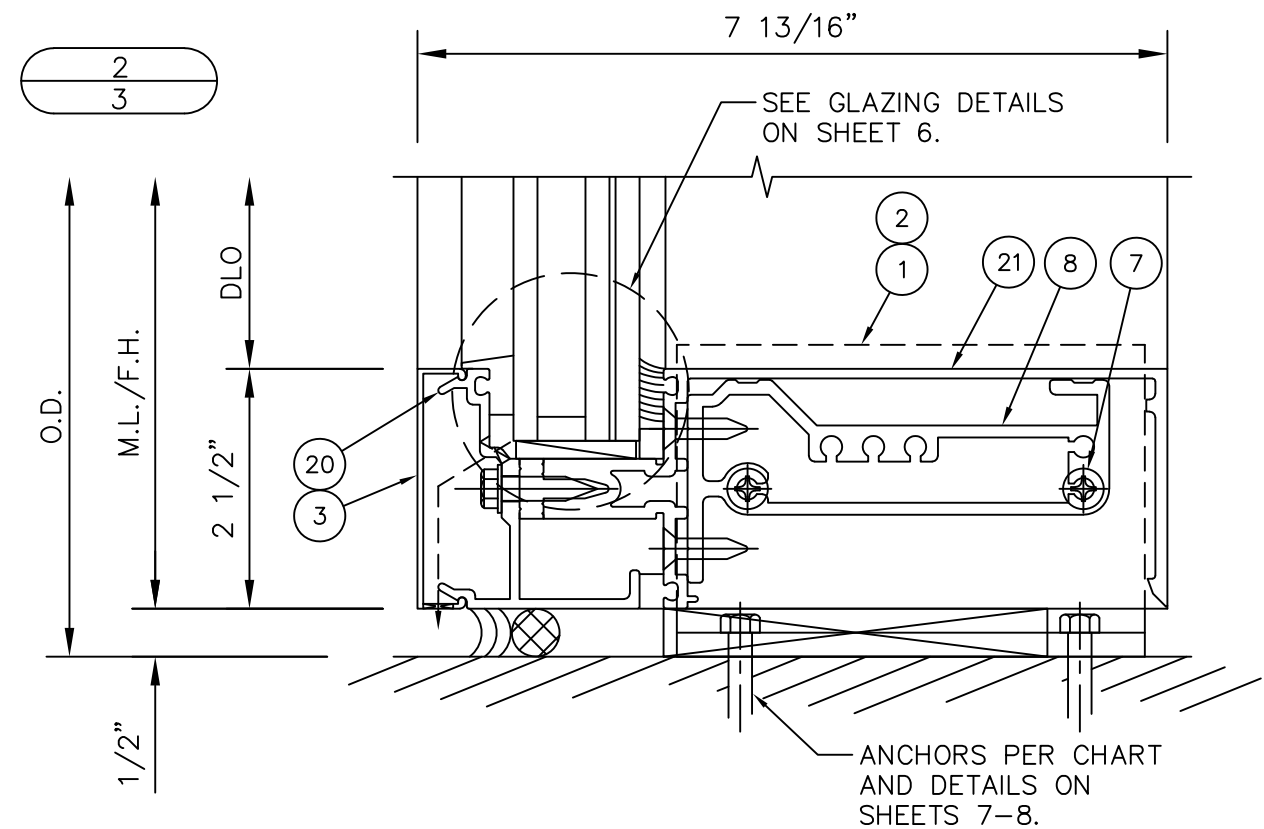
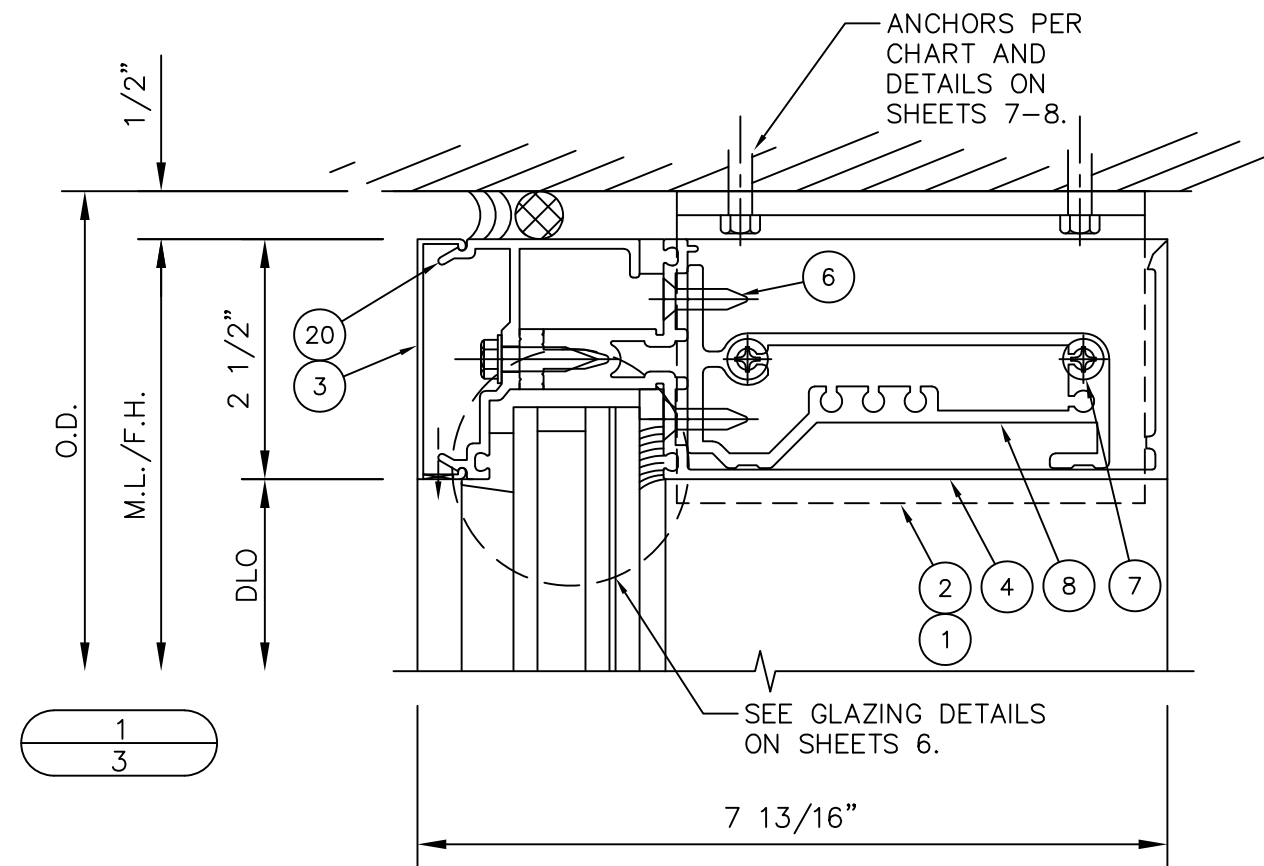
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HORIZONTAL DETAILS



SEAL:

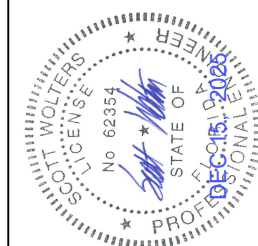
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PRODUCT:
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2 1/2" LEVEL E

DWG:	1600-IR-OH
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SHEET: 3/11

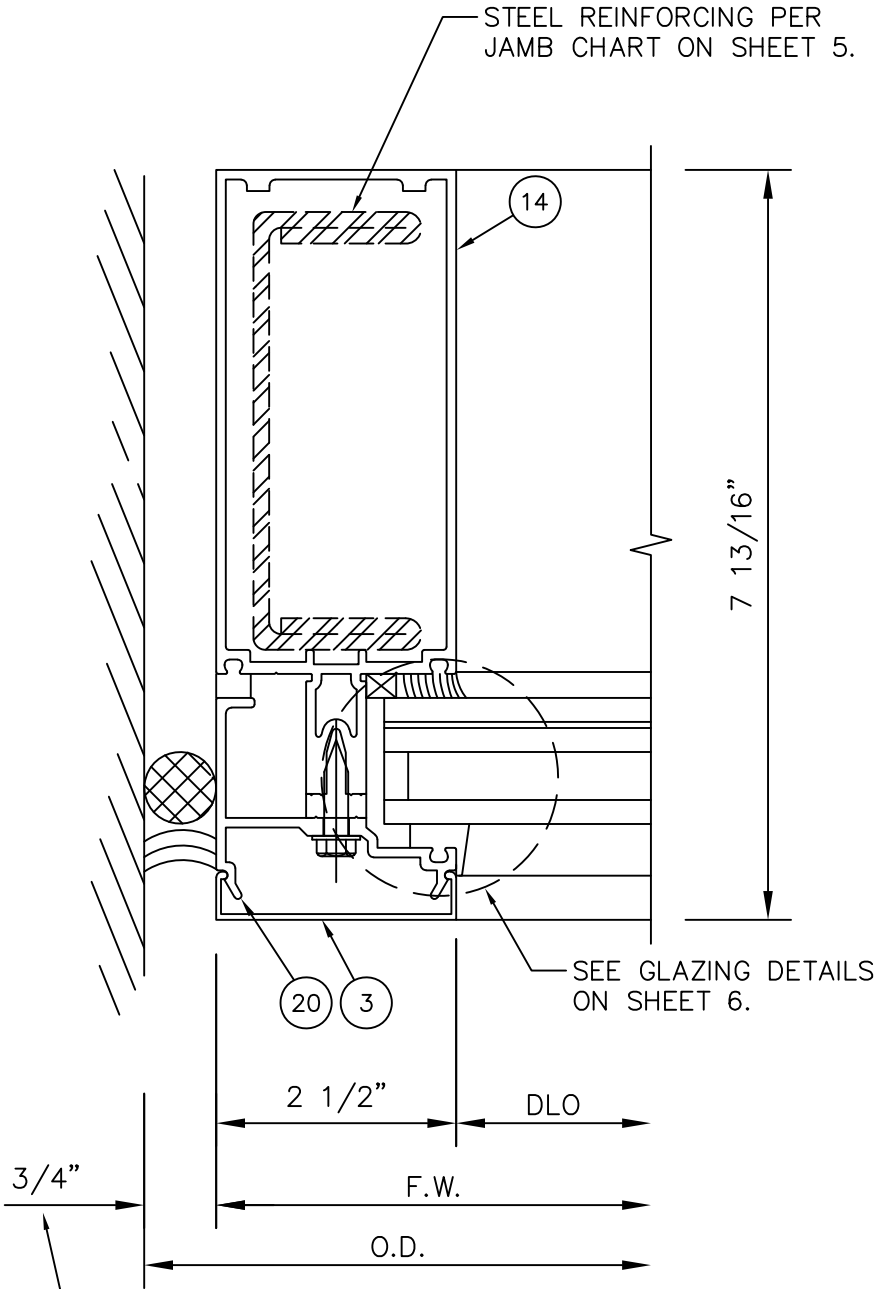


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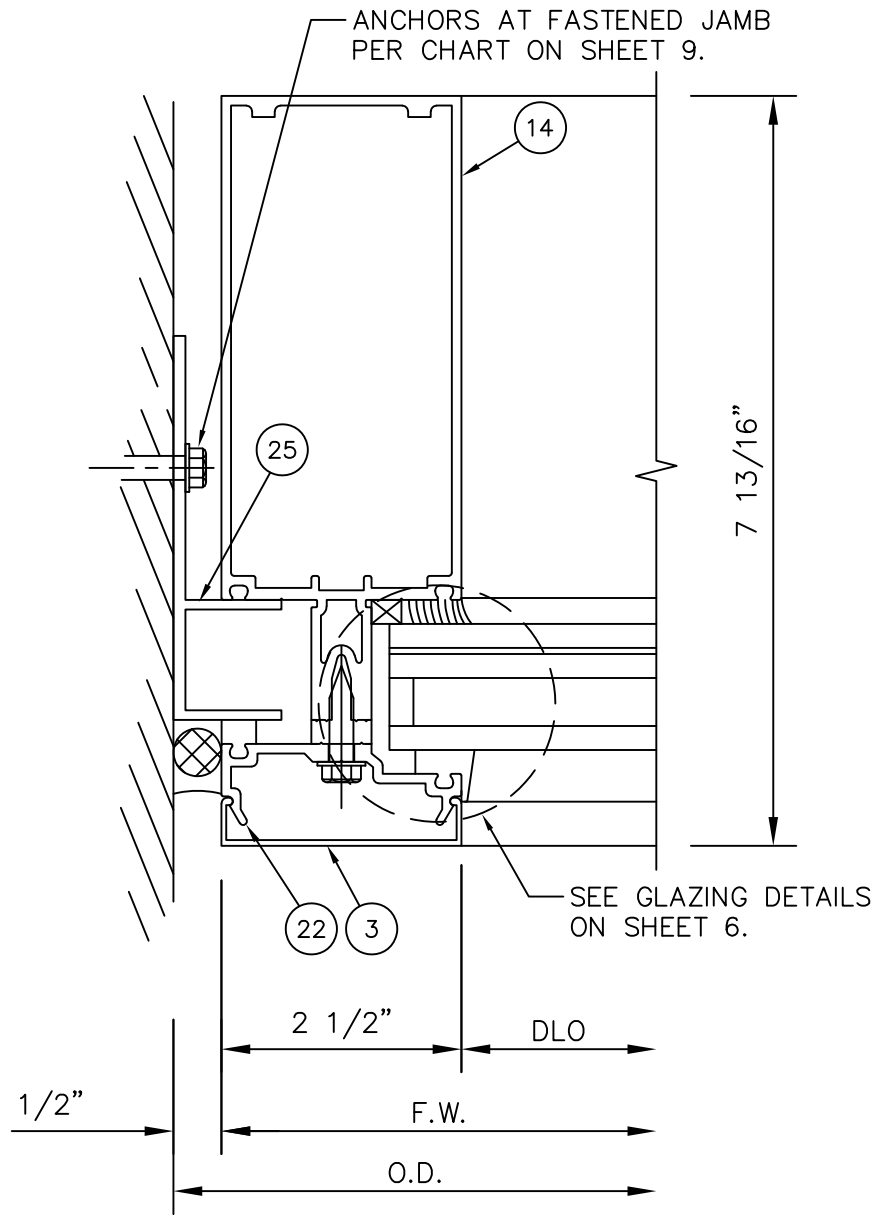
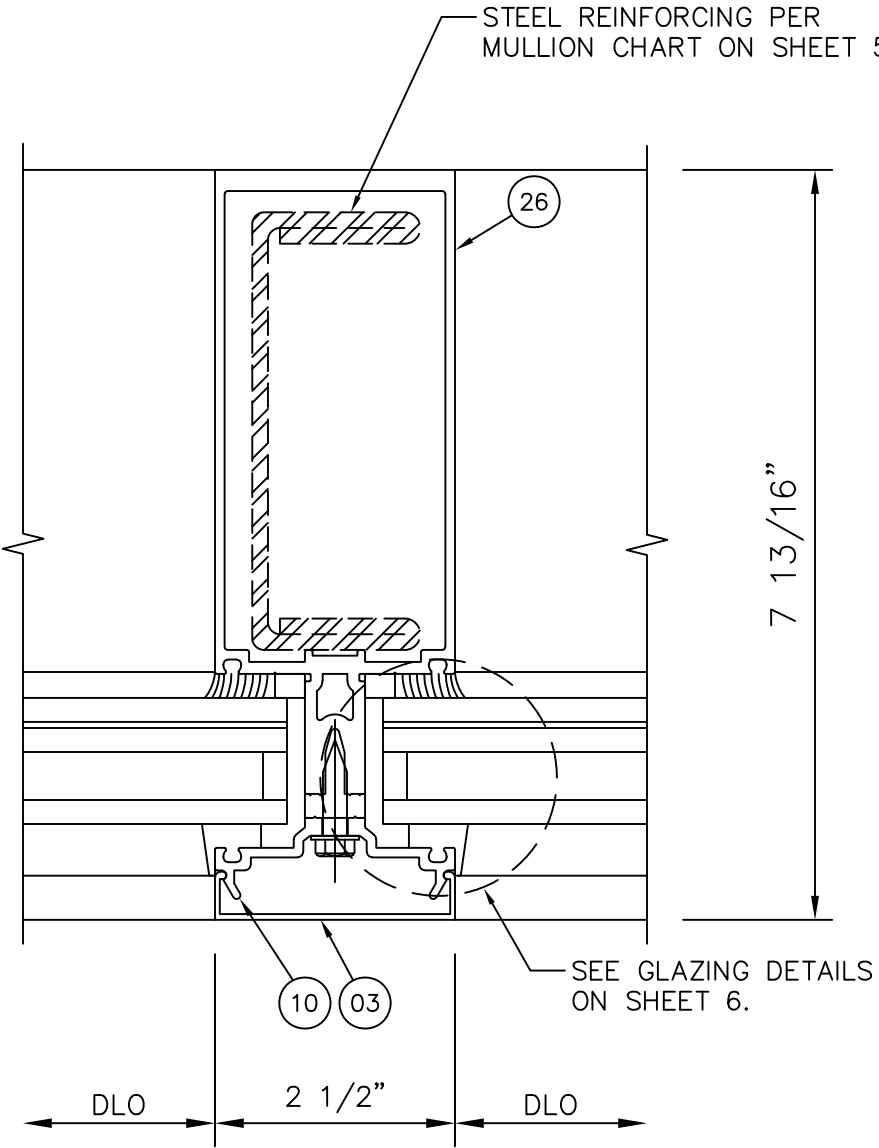
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VERTICAL DETAILS



NOMINAL DIMENSION. PERIMETER SEALANT WIDTH MUST COMPLY WITH MANUFACTURER'S RECOMMENDATIONS AND ASTM C1472.



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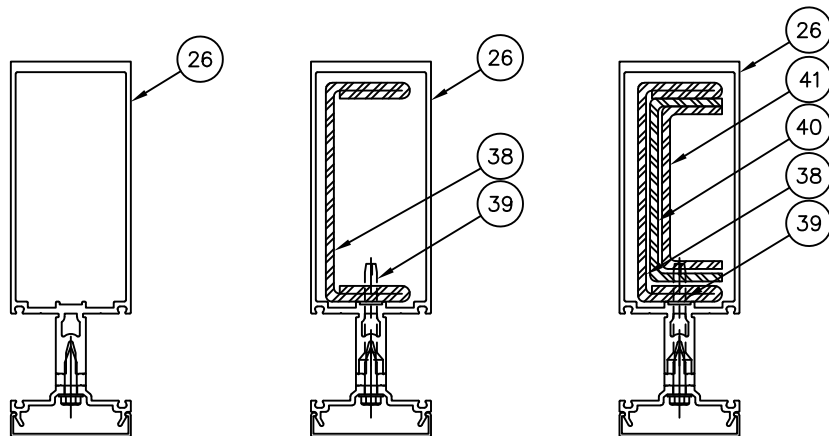
PRODUCT:
1600 WALL SYS 1
2 1/2" LEVEL E

DWG:
1600-IR-OH

SHEET:
4/11

MULLION LIMITATIONS

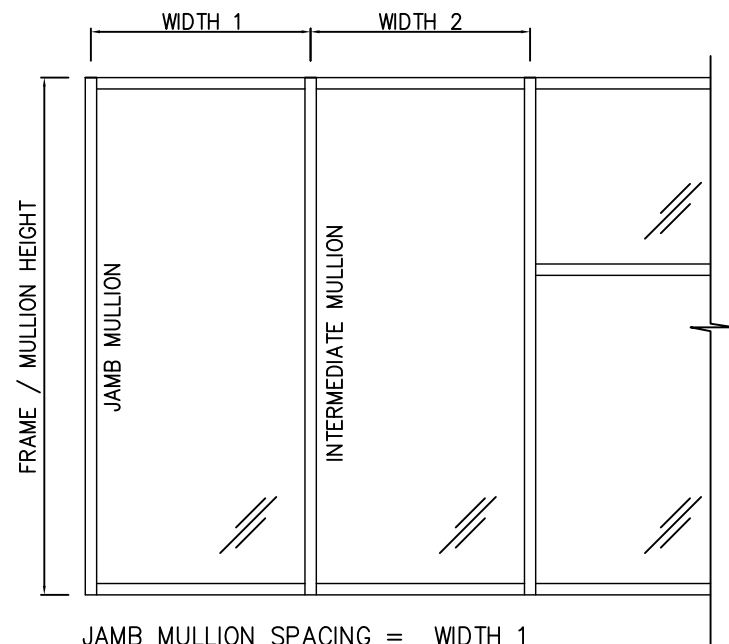
MULLION CHART				
		MAX DESIGN PRESSURE (psf)		
		MULLION	MULLION	MULLION
HEIGHT (in)	WIDTH (in)	M1 (+/-)	M2 (+/-)	M3 (+/-)
96	36	90	90	90
	42	90	90	90
	48	90	90	90
	54	90	90	90
	60	90	90	90
120	36	-	90	90
	42	-	90	90
	48	-	90	90
	54	-	90	90
	60	-	90	90
132	36	-	90	90
	42	-	90	90
	48	-	90	90
	54	-	90	90
	60	-	90	90
144	30	-	-	83
	36	-	-	83
	42	-	-	83
	48	-	-	83
	56	-	-	83
156	30	-	-	77
	36	-	-	77
	42	-	-	77
	48	-	-	77
	51	-	-	77
168	36	-	-	70
	42	-	-	70
	48	-	-	70



MULLION M1

MULLION M2

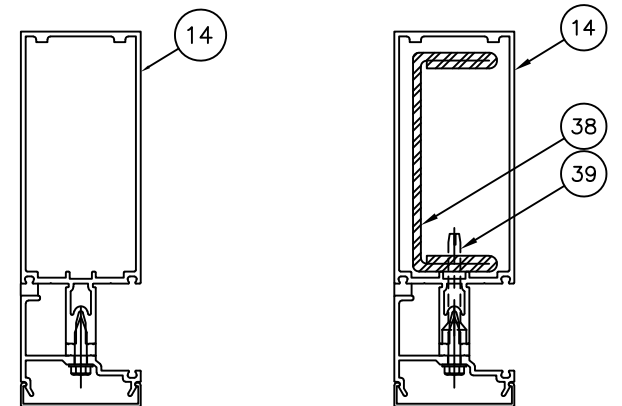
MULLION M3



JAMB MULLION SPACING = WIDTH 1

$$\text{INTERMEDIATE MULLION SPACING} = \frac{\text{WIDTH 1} + \text{WIDTH 2}}{2}$$

JAMB MULLION CHART				
		MAX. DESIGN PRESSURE (psf)		
		JAMB J1		JAMB J2
		1/2" to 3/4" CAULK JOINT	3/4" to 1" CAULK JOINT	1/2" MIN. CAULK JOINT
HEIGHT (in)	WIDTH (in)	WIDTH (+/-)	WIDTH (+/-)	WIDTH (+/-)
96	36	90	90	90
	42	90	90	90
	48	90	90	90
	54	90	90	90
	60	90	90	90
120	36	90	90	90
	42	90	90	90
	48	90	90	90
	54	90	90	90
	60	90	90	90
132	36	90	90	90
	42	90	90	90
	48	90	90	90
	54	90	90	90
	60	83	90	90
144	30	83	83	83
	36	83	83	83
	42	83	83	83
	48	72	83	83
	56	62	83	83
156	30	77	77	77
	36	71	77	77
	42	61	77	77
	48	53	77	77
	52	49	73	77
168	36	52	70	70
	42	45	66	70
	48	39	58	70



JAMB MULLION J1

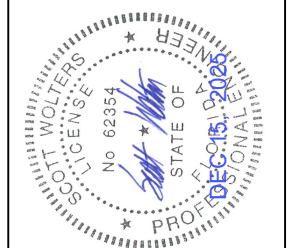
JAMB MULLION J2

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15211 97TH ROAD N
WEST PALM BEACH, FL 33412
PH/FAX:(561) 225-1982

PRODUCT:
1600 WALL SYS 1
2 1/2" LEVEL E

DWG: 1000 ID OH

SHEET: 5/11

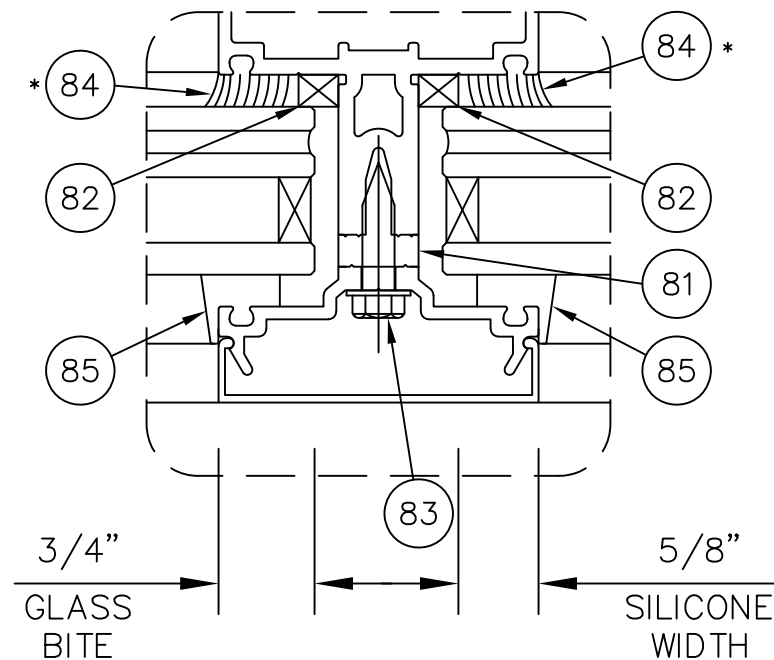
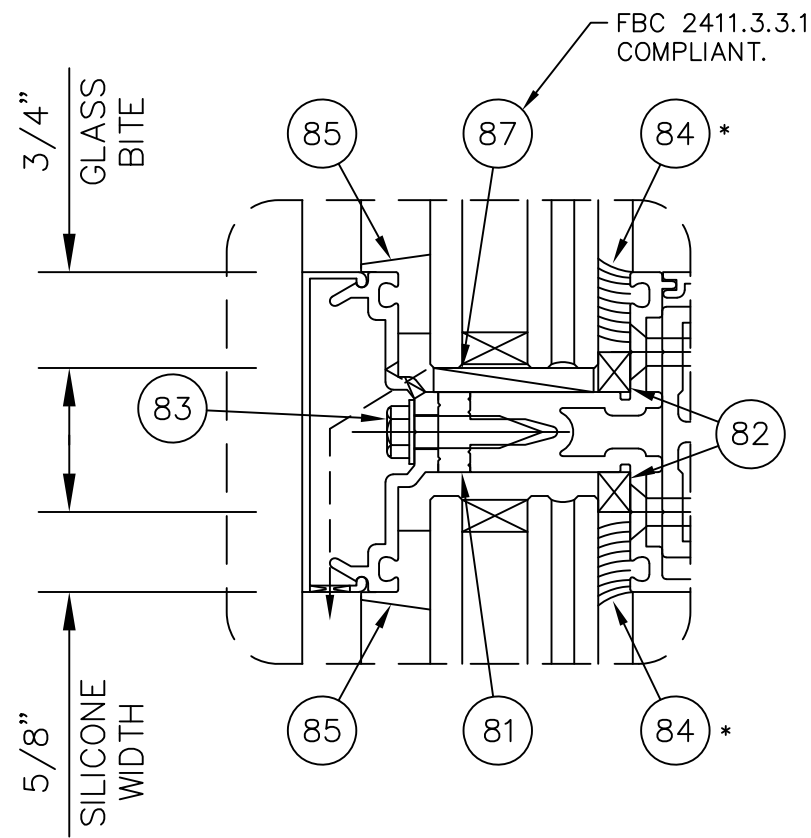
LEVEL E LARGE AND SMALL MISSILE GLAZING

GLASS TYPE 1:

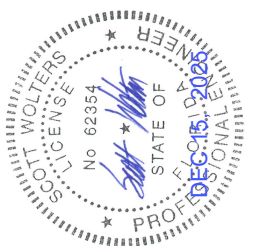
1 5/16" INSULATED LAMINATED
1/4" TEMPERED
1/2" AIR SPACE (ALUM SPACER)
3/16" HEAT STRENGTHENED
0.180" SENTRYGLAS INTERLAYER
3/16" HEAT STRENGTHENED

GLASS CHART								
GLASS TYPE 1(LEVEL E LMI/SMI)								
TESTED DLO'S = 57 1/2"x92 1/2" (90 psf), 45 1/2"x116 1/4" (70 psf)								
DLO HEIGHT (in)	ALLOWABLE DESIGN PRESSURE (+/- psf)							
	DLO WIDTH (in)							
	36	39	42	45	48	51	54	57 1/2
92 1/2	90	90	90	90	90	90	90	90
98 1/2	90	90	90	90	90	90	90	-
104	90	90	90	90	90	90	-	-
110 1/2	90	90	90	90	90	-	-	-
118	90	90	90	90	-	-	-	-
126 1/2	90	90	90	-	-	-	-	-
136	90	90	-	-	-	-	-	-
147	90	-	-	-	-	-	-	-

GLAZING DETAILS



*INSTALLER NOTE: INSTALLER IS RESPONSIBLE FOR ALL REQUIRED COMPATIBILITY REVIEW AND APPROVALS WITH THE STRUCTURAL SILICONE MANUFACTURER AND THE INSULATING GLASS UNIT MANUFACTURER.



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15211 97TH ROAD N
WEST PALM BEACH, FL 33412
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PRODUCT:
1600 WALL SYS 1
2 1/2" LEVEL E

1600-IR-OH

SHEET: 6 / 11

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555 GUTHRIDGE COURT
NORCROSS, GA 30092

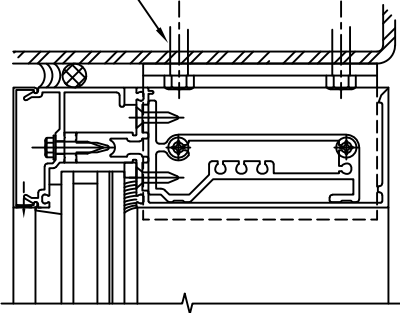
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HEAD/SILL ANCHOR DETAILS

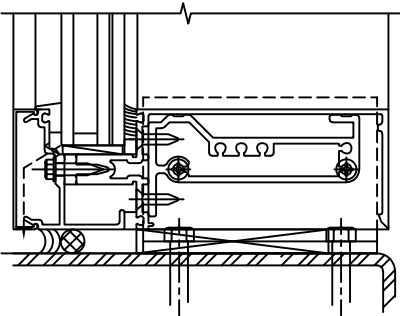
ANCHOR TYPE 1 - 1800 lb MAX REACTION

ANCHOR TYPES
A, B, or C

MIN. EDGE
DISTANCE



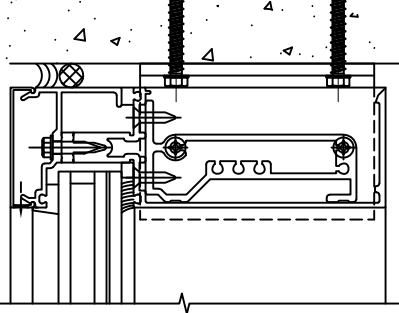
STEEL



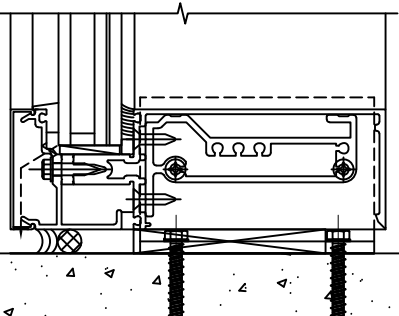
ANCHOR TYPES
D or E

MIN. EDGE
DISTANCE

MIN.
EMBED.



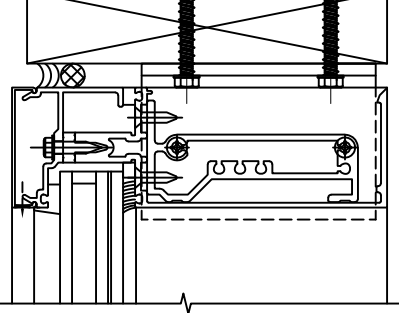
CONCRETE



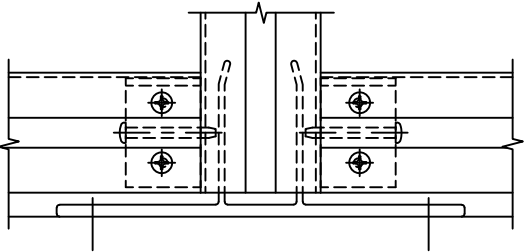
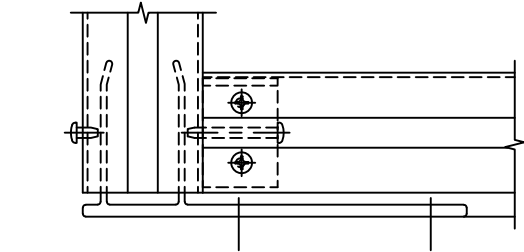
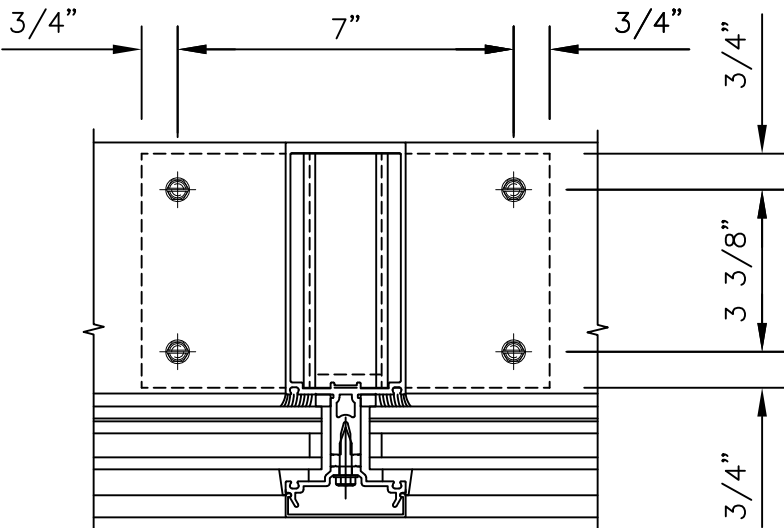
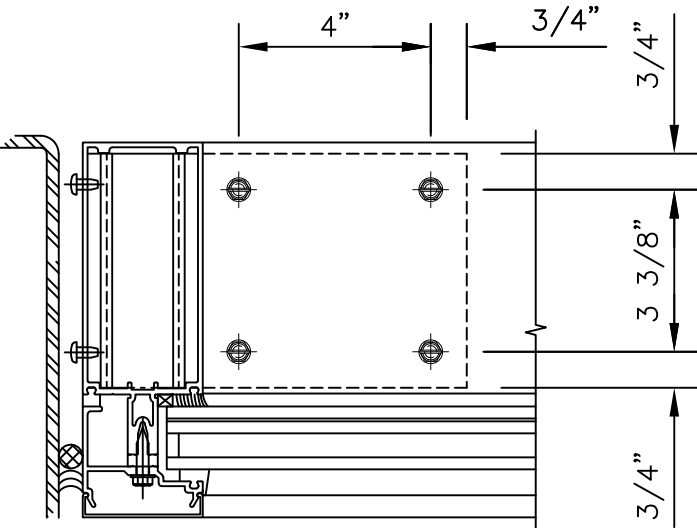
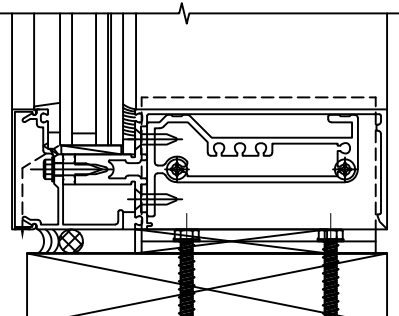
ANCHOR TYPES
D, E, or F.

MIN. EDGE
DISTANCE

MIN.
EMBED.

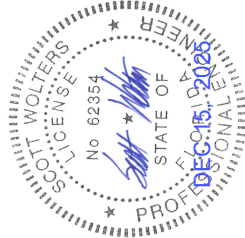


WOOD



HEAD/SILL ANCHORS				
SUBSTRATE	MARK	TYPE	MIN EMBED (in)	MIN EDGE DISTANCE (in)
STRUCTURAL STEEL (1/4", A36 min)	A	5/16" DIA. F-TYPE SCREW (Fu=120 ksi min)	FULL*	1"
	B	5/16" DIA. TEKS SCREW	FULL*	1"
	C	5/16" DIA. DEWALT DRIL-FLEX	FULL*	1"
CONCRETE (4000 psi min)	D	5/16" DIA. ELCO ULTRA CON	1 3/4"	2 1/2"
	E	5/16" DIA. ITW TAPCON+	1 3/4"	2 1/2"
WOOD (3", S.G.=0.5 min)	D	5/16" ELCO ULTRA CON	2"	1 1/2"
	E	5/16" ITW TAPCON+	2"	1 1/2"
	F	#14 WOOD SCREW (Fu=120 ksi min)	2"	1 1/2"

* FOR FASTENERS IN STEEL, FASTENER THREADS MUST FULLY PENETRATE THE WALL THICKNESS OF THE STEEL, WITH THREE ADDITIONAL THREADS BEYOND.



SEAL:

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PRODUCT:
1600 WALL SYS 1
2 1/2" LEVEL E

DWG: 1600-IR-OH

SHEET: 7/11

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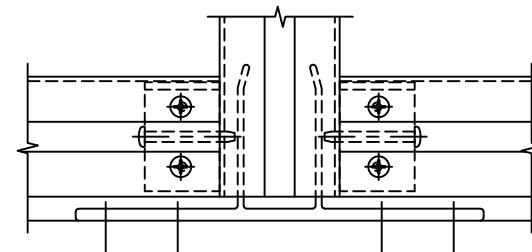
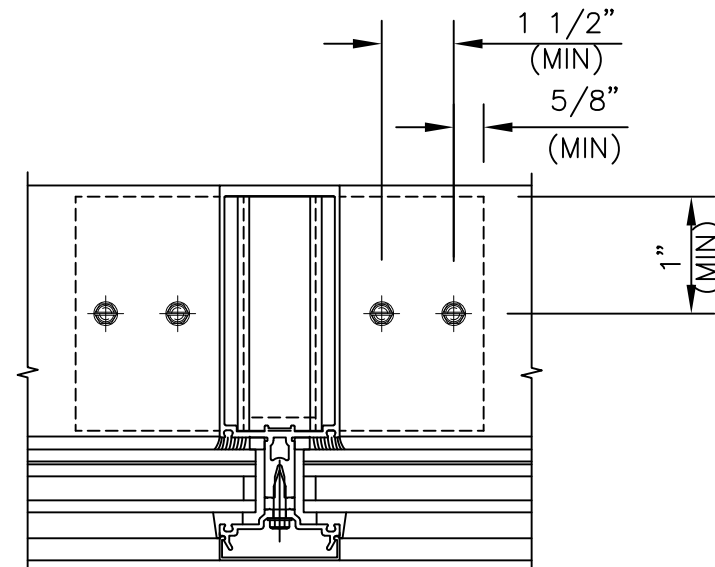
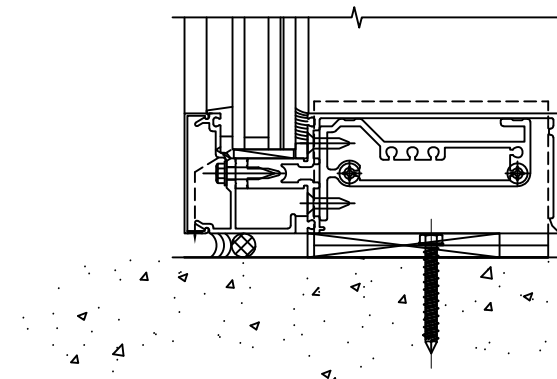
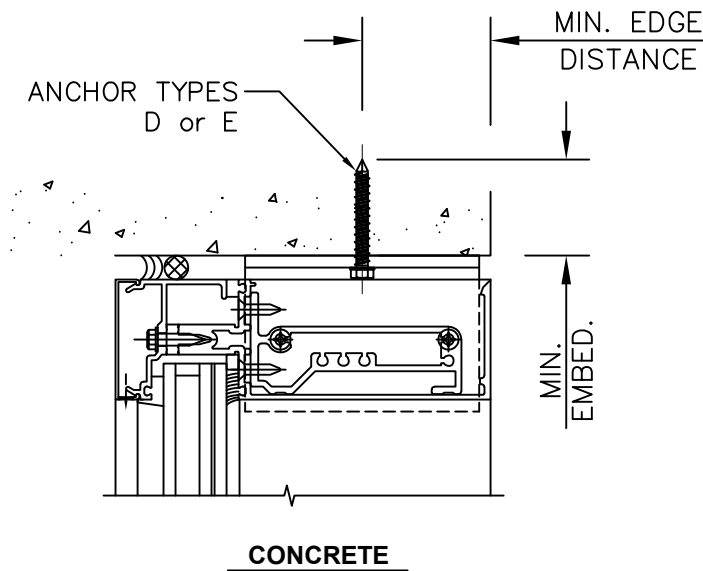
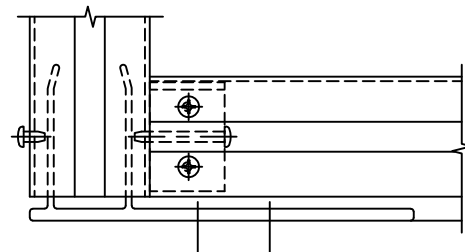
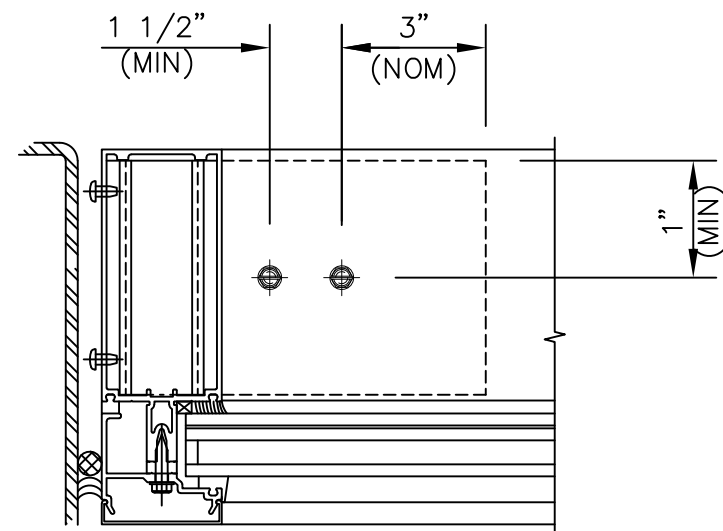
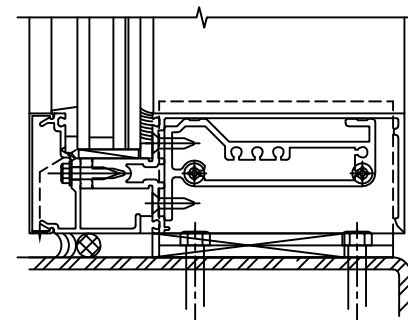
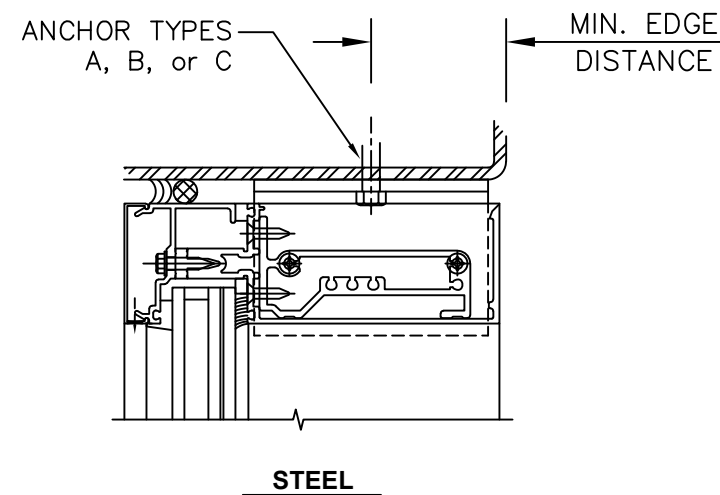
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HEAD/SILL ANCHOR DETAILS

ANCHOR TYPE 2 - 1300 lb MAX REACTION



HEAD/SILL ANCHORS				
SUBSTRATE	MARK	TYPE	MIN EMBED (in)	MIN EDGE DISTANCE (in)
STRUCTURAL STEEL (1/4", A36 min)	A	5/16" DIA. F-TYPE SCREW (Fu=120 ksi min)	FULL *	1"
	B	5/16" DIA. TEKS SCREW	FULL *	1"
	C	5/16" DIA. DEWALT DRIL-FLEX	FULL *	1"
CONCRETE (3500 psi min)	D	5/16" DIA. DEWALT ULTRACON	1 3/4"	2 1/2"
	E	5/16" DIA. ITW TAPCON+	1 3/4"	2 1/2"

* FOR FASTENERS IN STEEL, FASTENER THREADS MUST FULLY PENETRATE THE WALL THICKNESS OF THE STEEL, WITH THREE ADDITIONAL THREADS BEYOND.

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PRODUCT:
1600 WALL SYS 1
2 1/2" LEVEL E

1600-IR-OH

SHEET: 8 / 11



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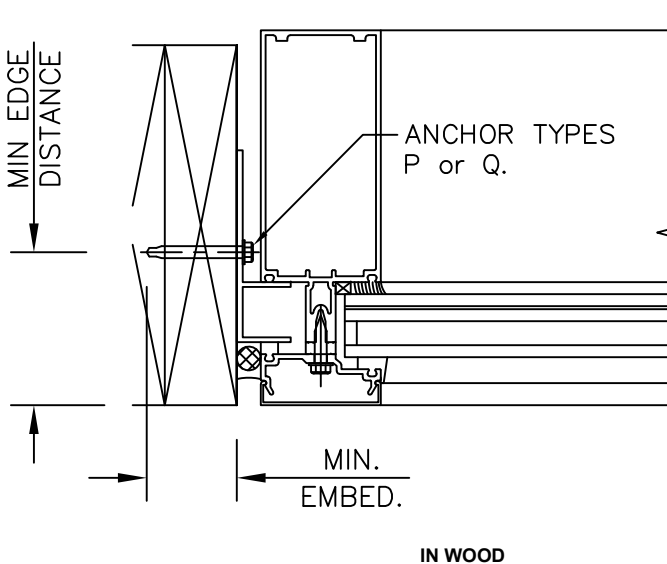
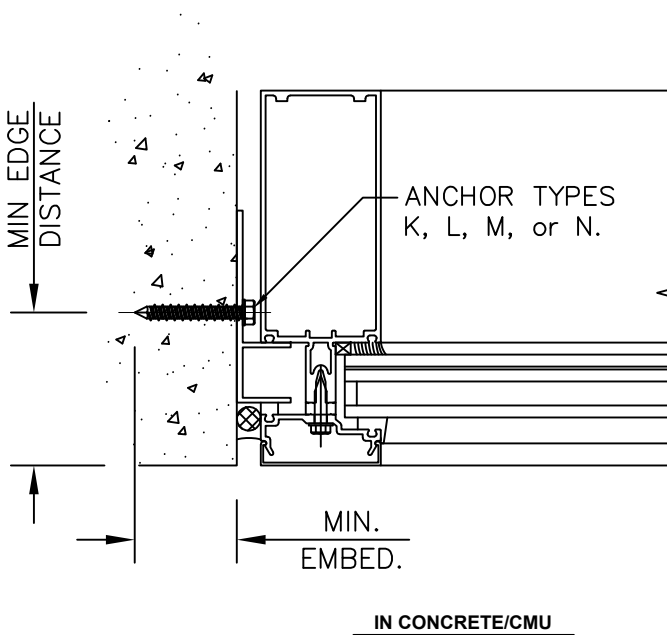
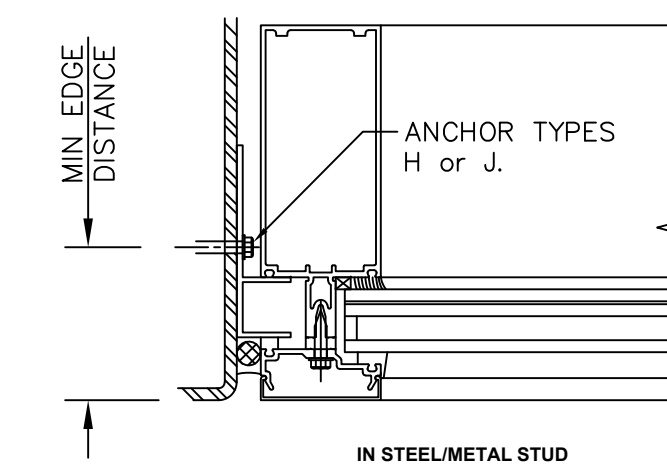
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DATE

FASTENED JAMB DETAILS

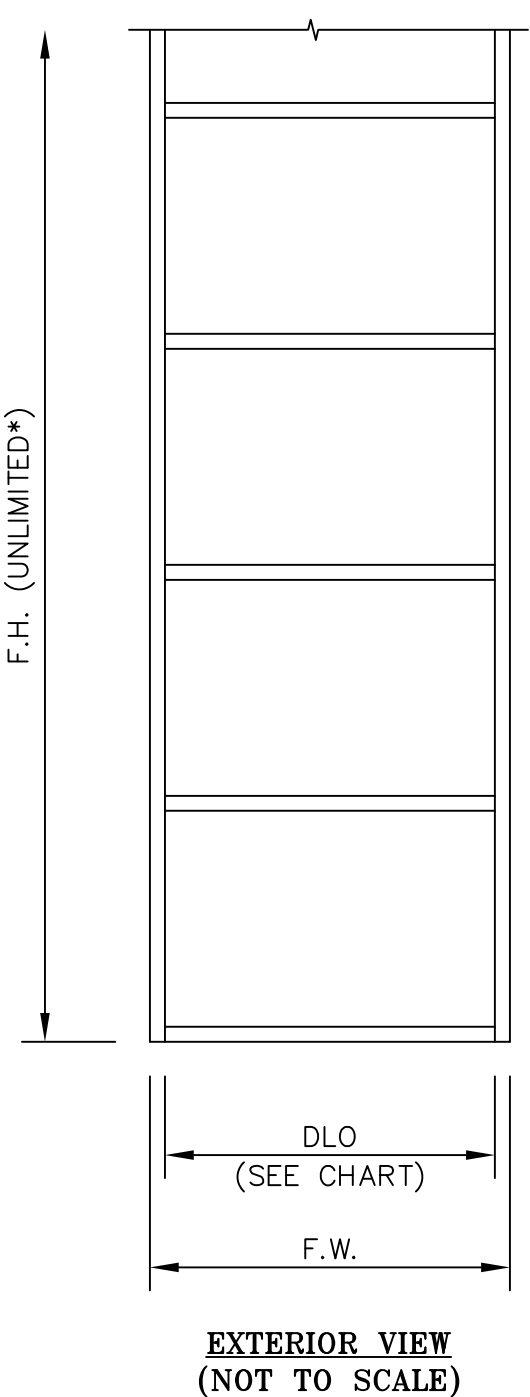
F-PERIMETER ANCHOR CHARTS



SUBSTRATE	MARK	TYPE	MIN EMBED (in)	MIN EDGE DISTANCE (in)	MAX. REACTION (lb)
STRUCTURAL STEEL (1/4", A36 min)	H	5/16" DIA. F-TYPE SCREW or BOLT (Fu=120 ksi min)	FULL*	3/4"	425 lb.
	J	1/4" DIA. DEWALT DRIL-FLEX	FULL*	3/4"	581 lb.
CONCRETE (2846 psi min)	K	1/4" DIA. DEWALT ULTRACON	1 3/4"	2 1/2"	357 lb.
CONCRETE (3515 psi min)	L	5/16" DIA. DEWALT ULTRACON	1 3/4"	3 1/8"	581 lb.
CMU (ASTM C-90 GRADE N, TYPE 1 min)	M	1/4" DIA. DEWALT ULTRACON	1 3/4"	2 1/2"	200 lb.
	N	5/16" DIA. DEWALT ULTRACON	1 3/4"	2 1/2"	296 lb.
METAL STUD (16 Ga, 45 ksi min)	P	1/4" DIA. F-TYPE SCREW (Fu=120 ksi min)	FULL*	3/4"	357 lb.
	Q	1/4" DIA. DEWALT DRIL-FLEX	FULL*	3/4"	357 lb.

* FOR FASTENERS IN STEEL, FASTENER THREADS MUST FULLY PENETRATE THE WALL THICKNESS OF THE STEEL, WITH THREE ADDITIONAL THREADS BEYOND.

JAMB F-PERIMETER MAX. FASTENER SPACING (in)											
WINDLOAD (+/- psf)	JAMB DLO WIDTH (in)	FASTENER CONFIGURATIONS									
		CC	DD	EE	FF	GG	HH	JJ	KK	LL	MM
60	48	18	24	18	18	18	18	18	18	18	32
	60	18	24	18	18	15	18	18	18	14	26
	72	18	24	18	18	12	18	18	18	12	22
	84	18	24	18	18	11	16	18	18	11	19
	96	18	24	17	18	10	14	17	17	9	17
75	48	18	24	18	18	14	18	18	18	14	26
	60	18	24	18	18	12	17	18	18	12	21
	72	18	24	18	18	10	15	18	18	10	18
	84	18	24	15	18	9	13	15	15	8	15
	96	16	22	14	18	8	11	14	14	7	14
90	48	18	24	18	18	12	18	18	18	12	22
	60	18	24	18	18	10	15	18	18	10	18
	72	18	24	15	18	8	12	15	15	8	15
	84	15	21	13	18	7	11	13	13	7	13
	96	13	18	11	18	6	9	11	11	6	11
100	48	18	24	18	18	11	16	18	18	11	19
	60	18	24	16	18	9	13	16	16	9	16
	72	16	22	13	18	7	11	13	13	7	13
	84	14	19	12	18	6	10	12	12	6	12
	96	12	17	10	17	6	8	10	10	6	10
110	48	18	24	18	18	11	16	18	19	11	19
	60	17	23	14	18	8	12	14	14	8	14
	72	14	20	12	18	7	10	12	12	7	12
	84	13	17	11	17	6	9	11	11	6	11
	96	11	15	9	15	-	8	9	9	5	9
120	48	18	24	16	18	9	13	16	16	9	16
	60	16	21	13	18	7	11	13	13	7	13
	72	13	18	11	18	6	9	11	11	6	11
	84	11	16	10	16	-	8	10	10	5	10
	96	10	14	8	14	-	7	8	8	5	8
127	48	18	24	15	18	9	13	15	15	8	15
	60	15	20	12	18	7	10	12	12	7	12
	72	13	17	11	17	6	9	11	11	6	11
	84	11	15	9	15	-	8	9	9	5	9
	96	10	13	8	13	-	7	8	8	4	8



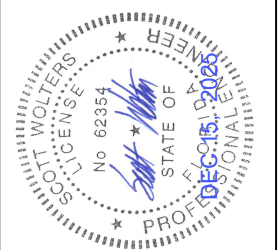
* FOR ELEVATIONS WITH F-PERIMETER ANCHORS AT JAMBS AND NO INTERMEDIATE VERTICAL MULLIONS, FRAME HEIGHT IS UNLIMITED.

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KAWNEER
AN ARCONIC COMPANY

555 GUTHRIDGE COURT
NORCROSS, GA 30092

PH: (770) 449-5555
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SEAL:

SCOTT WOLTERS
FL PE# 62354

WOLTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
PH/FAX:(561) 225-1982

PRODUCT:	
1600 WALL SYS 1	
2 1/2" LEVEL E	
DWG:	1600-IR-OH
SHEET:	9/11

BILL OF MATERIALS

BILL OF MATERIALS				
NO.	PART NO.	DESCRIPTION	DIMENSIONS	MATERIAL
01	162311	"F" ANCHOR	3.250 x 8.000 x 0.250	6063 T6 ALUMINUM
02	162312	"T" ANCHOR	3.250 x 8.500 x 0.250	6063 T6 ALUMINUM
03	162006	COVER	2.500 x 0.504 x 0.060	6063 T6 ALUMINUM
06	128405	#12 x 7/8" AB FHTF	#12 x 7/8" AB FHTF	300 SERIES STAINLESS STEEL
07	128394	#12 x 1-7/8" TYPE I CRPHTFS B	#12 x 1-7/8" B PHTF	430 SERIES STAINLESS STEEL
08	162332	7-1/2" HEAD / SILL SHEAR BLOCK	4.395 x 2.115 x 0.125	6063 T6 ALUMINUM
09	162020	OPEN BACK FILLER	0.434 x 4.973 x 0.090	6063 T6 ALUMINUM
10	162517	OFFSET PRESSURE PLATE	2.500 x 0.847 x 0.100	6063 T6 ALUMINUM
11	162091	7-1/2" OPEN BACK HORIZONTAL	2.479 x 6.500 x 0.100	6063 T6 ALUMINUM
12	162378	7-1/2" SHEAR BLOCK	4.395 x 2.270 x 0.125	6063 T6 ALUMINUM
14	162003	LIGHT 7-1/2" VERTICAL / HORIZONTAL	2.479 x 6.500 x 0.100	6063 T6 ALUMINUM
19	028843	#12 x 1/2" TYPE I CRFCHT SB	#12 x 1/2" TYPE I CRFCHT SB	300 SERIES STAINLESS STEEL
20	162528	1-5/16" PERIMETER OFFSET PRESSURE PLATE	2.500 x 2.097 x 0.100	6063 T6 ALUMINUM
21	162095	7-1/2" OPEN BACK HORIZONTAL FOR 1" FRAME	2.479 x 6.500 x 0.100	6063 T6 ALUMINUM
22	162516	JAMB OFFSET PRESSURE PLATE	2.500 x 0.847 x 0.100	6063 T6 ALUMINUM
25	162017	F PERIMETER FOR 1" FRAME	4.000 x 1.125 x 0.100	6063 T6 ALUMINUM
26	162004	HEAVY 7-1/2" VERTICAL / HORIZONTAL FOR 1" FRAME	2.500 x 6.500 x 0.100	6063 T6 ALUMINUM
33	128348	10-16 x 1-1/4" FHSM D	10-16 x 1-1/4" FHSM D	400 SERIES STAINLESS STEEL
34	162307	7-1/2" SLEEVE	2.260 x 4.750 x 0.125	6063 T6 ALUMINUM
35	128267	12 x 1" TYPE I CRPHTFS AB	12 x 1" TYPE I CRPHTFS AB	300 SERIES STAINLESS STEEL
36	162313	SLEEVE FOR EXTERIOR COVER 3/4"	2.219 x 0.187 x 0.031	.031 5005 H32 SHEET ALUMINUM FINISH
37	162306	6" SLEEVE	2.260 x 3.250 x 0.125	6063 T6 ALUMINUM
38	162301	MATING STEEL REINFORCING 1	1.750 x 4.560 x 0.164	GRADE 50 STEEL
39	904208	1/4 x 2" FCHTCS D/F	1/4 x 2" FCHTCS D/F	300 SERIES STAINLESS STEEL
40	162302	MATING STEEL REINFORCING 2	1.500 x 3.810 x 0.164	GRADE 50 STEEL
41	162303	MATING STEEL REINFORCING 3	1.250 x 3.388 x 0.164	GRADE 50 STEEL
43	162320	7-1/2" SHEAR BLOCK AT DOOR	1.460 x 2.270 x 0.125	6063 T6 ALUMINUM
44	128910	10 x 1/2" TYPE I CRFCHTFS B	10 x 1/2" TYPE I CRFCHTFS B	300 SERIES STAINLESS STEEL
45	977110	10 x 5/8" TYPE I CRFCHTFS B	10 x 5/8" TYPE I CRFCHTFS B	300 SERIES STAINLESS STEEL
46	028596	3/8" FLAT WASHER TYPE A - NARROW	DIA 0.750 x 0.040	300 SERIES STAINLESS STEEL
47	028779	3/8" HELICAL SPRING LOCK WASHER	DIA 0.869 x 0.125	300 SERIES STAINLESS STEEL
48	028778	3/8"-16 x 1-1/4" HCS B	3/8"-16 x 1-1/4" HCS B	400 SERIES STAINLESS STEEL
52	128392	3/8"-16 HEX LOCKNUT	0.563 x 0.650	300 SERIES STAINLESS STEEL
57	128284	#12 x 1 1/2" AB FHTF SCREW	#12 x 1 1/2" AB FHTF	400 SERIES STAINLESS STEEL
59	162218	3/8-16 x 4-1/2" PRHHMS	1.125 x 6.848 x .125	400 SERIES STAINLESS STEEL
61	162249	#12 x 1 1/2" AB FHTF SCREW	1.125 x 7.598 x .125	400 SERIES STAINLESS STEEL
65	162341	ANCHOR PLUG	2.250 x 4.750 x 0.25 x 3.000	6063 T6 ALUMINUM
66	162249	STEEL ANGLE ANCHOR	6.000 x 4.000 x .313 x 4.250	50 KSI STEEL

GLAZING MATERIALS

NO.	PART NO.	DESCRIPTION	DIMENSIONS	MATERIAL
81	162310	THERMAL SEPARATOR	0.626 x 0.600	SHORE "A" 60±5 DUROMETER EPDM
82	027845	TAPE	0.313 x 0.250	BLACK POLYURETHANE FOAM
83	128406	1/4 x 1" HWHTFS AB	1/4 x 1" HWHTFS AB	300 SERIES STAINLESS STEEL
84	N/A	STRUCTURAL SILICONE SEALANT	N/A	SILICONE
85	027850	FIXED GASKET	0.615 x 0.630	SHORE "A" 60±5 DUROMETER EPDM
86	027342	SETTING BLOCK	0.563 x 0.188	SHORE "A" 80±5 DUROMETER EPDM
87	027081	SETTING BLOCK	1.875 x 4.125 x 0.250	SHORE "A" 85±5 DUROMETER EPDM
88	127254	3M VHB 3/4" SG TAPE B23	0.750 x 0.090	CONFORMABLE ACRYLIC FOAM
89	128475	8 x 1" TYPE I CRPHTFS A	8 x 1" TYPE I CRPHTFS A	300 SERIES STAINLESS STEEL
91	N/A	DOW CORNING	N/A	995 SILICONE SEALANT (BY OTHERS)
92	127143	TAPE	1.000 x 0.250	BLACK POLYURETHANE FOAM
93	127150	SETTING BLOCK	1.688 x 0.437	SHORE "A" DUROMETER EPDM
94	027367	SETTING BLOCK	0.750 x 0.438	SHORE "A" 85±5 DUROMETER EPDM
95	127196	SS EXTERIOR GASKET	0.928 x 0.615	SHORE "A" 60±5 DUROMETER EPDM
96	128401	10 x 1" TYPE I CRFCHTFS	10 x 1" TYPE I CRFCHTFS	300 SERIES STAINLESS STEEL
97	027857	FIXED GASKET	0.310 x 0.360	SHORE "A" 70±5 DUROMETER EPDM

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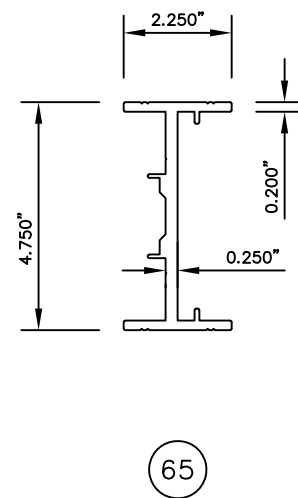
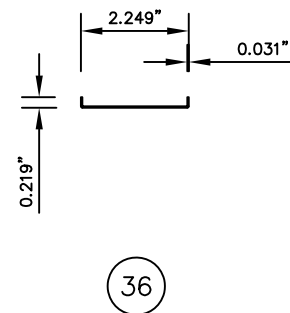
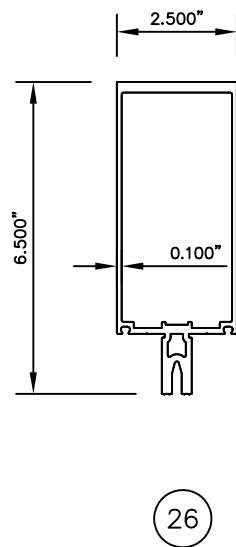
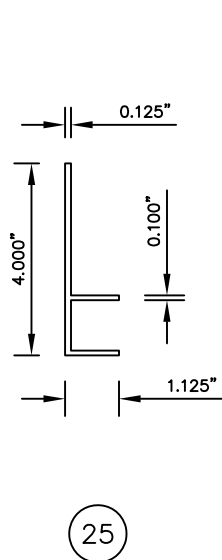
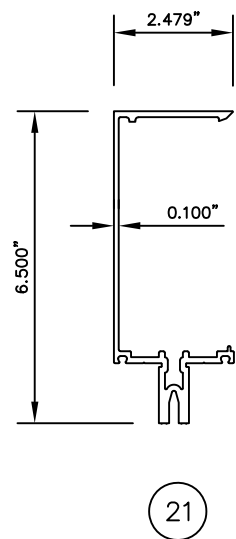
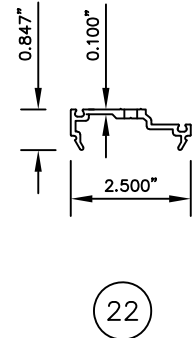
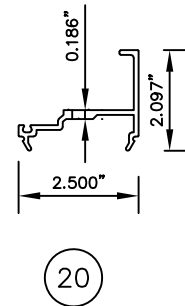
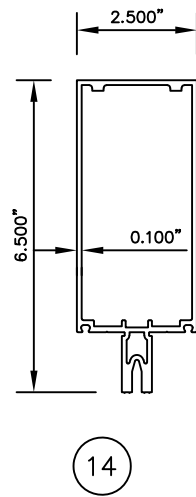
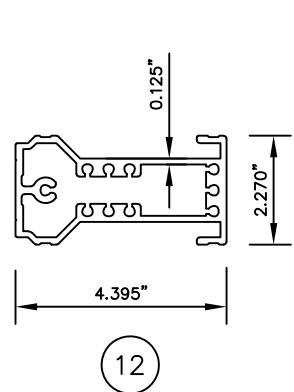
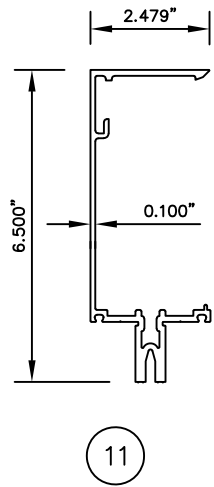
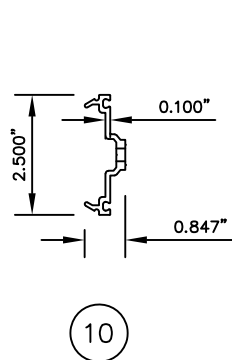
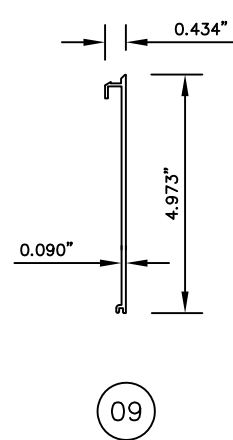
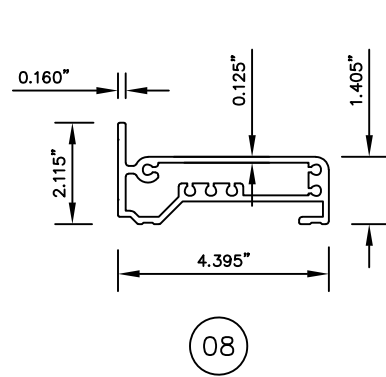
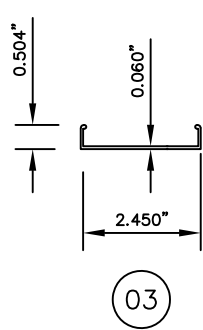
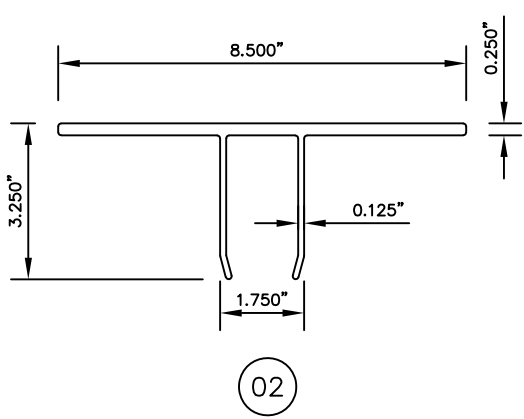
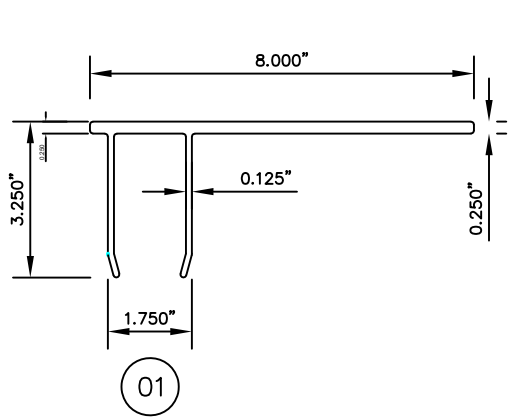
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SEAL:	
	SCOTT WALTERS FL PE# 62354 WOLTERS ENGINEERING (COA# 27194) 15211 97TH ROAD N WEST PALM BEACH, FL 33412 PH/FAX: (561) 225-1982
PRODUCT:	
1600 WALL SYS 1 2 1/2" LEVEL E	
DWG:	
1600-IR-OH	
SHEET:	
10/11	

EXTRUSION PROFILES



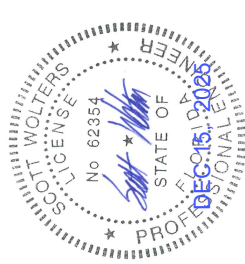
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FL PE# 62354

WALTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
PH/FAX: (561) 225-1982

PRODUCT:
1600 WALL SYS 1
2 1/2" LEVEL E

DWG:
1600-IR-OH

SHEET:
11/11