

KAWNEER CLEARWALL CURTAINWALL SYSTEM SSI (SILICONE GLAZED) and SSIT (TAPE GLAZED) OPTIONS LARGE AND SMALL MISSILE IMPACT RESISTANT (WIND ZONE 3)

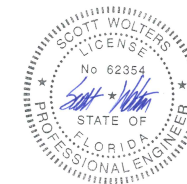
GENERAL NOTES:

1. THIS PRODUCT MEETS ALL THE REQUIREMENTS OF THE 9TH EDITION (2026) FLORIDA BUILDING CODE, FOR USE OUTSIDE THE HVHZ.
2. THIS SYSTEM HAS BEEN TESTED PER ASTM E283, E330, E1886, AND E1996 (WIND ZONE 3), FOR LARGE AND SMALL MISSILE IMPACT RESISTANCE. SHUTTERS ARE NOT REQUIRED IN WIND ZONE 3 OR LOWER.
3. GLASS TYPE 2 IS SMALL MISSILE IMPACT RESISTANT ONLY. SHUTTERS ARE NOT REQUIRED FOR INSTALLATIONS MORE THAN 30 FT. ABOVE GRADE.
4. DESIGN LOADS MUST BE CALCULATED BY A PROFESSIONAL ENGINEER OR ARCHITECT FOR EACH PROJECT. THE (ASD) DESIGN PRESSURE CANNOT EXCEED THE PRESSURES, LISTED ON SHEETS 9-11, FOR EACH COMPONENT OF THIS SYSTEM.
5. WOOD BUCKS BY OTHERS MUST BE ANCHORED PROPERLY TO TRANSFER IMPOSED LOADS TO THE STRUCTURE.
6. ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS, ANCHOR EMBEDMENT IN BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
7. CODE REQUIREMENTS FOR SAFE GUARDS MUST BE OBSERVED.
8. THE GLASS CHART ON SHEET 6 IS BASED ON TESTED PRESSURES AND ASTM E 1300-16, AND ALSO LIMITED BY THE ALLOWABLE STRESS OF THE STRUCTURAL SILICONE (SSI OPTION) AND 3M TAPE (SSIT OPTION).
9. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL BE SEPARATED TO PREVENT GALVANIC REACTIONS PER FBC REQUIREMENTS.
10. STRUCTURAL SILICONE AT SSI APPLICATIONS TO BE DOW 995 OR TREMCO PROGLAZE SSG.

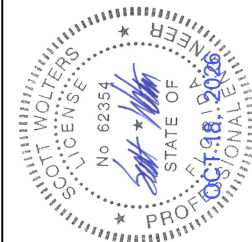
SYSTEM NOTES:

GLASS.....	SEE CHARTS IN SECTION 05 FOR ALLOWABLE GLASS TYPES, SIZES AND DESIGN PRESSURES.
MULLIONS.....	SEE CHARTS IN SECTION 04 FOR ALLOWABLE DESIGN PRESSURES FOR VARIOUS MULLION AND REINFORCEMENT CONFIGURATIONS.
JAMBS.....	SEE CHARTS IN SECTION 04 (FREE JAMBS) AND SECTION 06 (FASTENED JAMB) FOR ALLOWABLE DESIGN PRESSURES.
HORIZONTALS.....	SEE CHARTS IN SECTION 04 FOR ALLOWABLE HORIZONTAL MULLIONS AND DESIGN PRESSURES.
ANCHORS.....	SEE CHARTS IN SECTION 06 FOR ALLOWABLE LOADS FOR HEAD/SILL ANCHORS AND MID-SPAN ANCHORS.
SYSTEM.....	THE DESIGN PRESSURE OF THE ENTIRE SYSTEM IS THE LOWEST ALLOWABLE DESIGN PRESSURE OF THE COMPONENTS ABOVE.
DOORS.....	DOORS AND THEIR SUB-FRAMES ARE NOT A PART OF THIS APPROVAL. PLEASE SEE SEPARATE APPROVAL FOR DOOR RATING, GLAZING, ANCHORS, HARDWARE, AND DETAILS.

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Date: 2026.10.18
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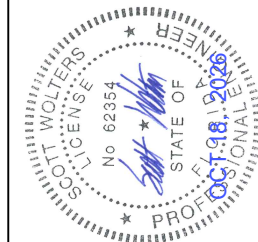
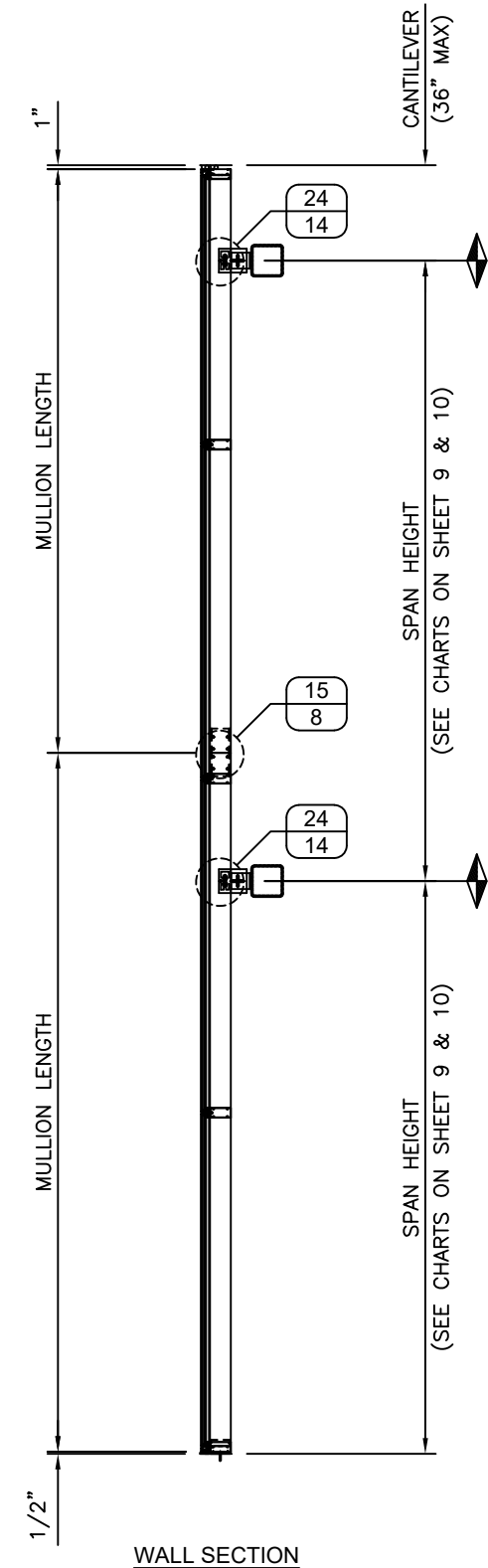
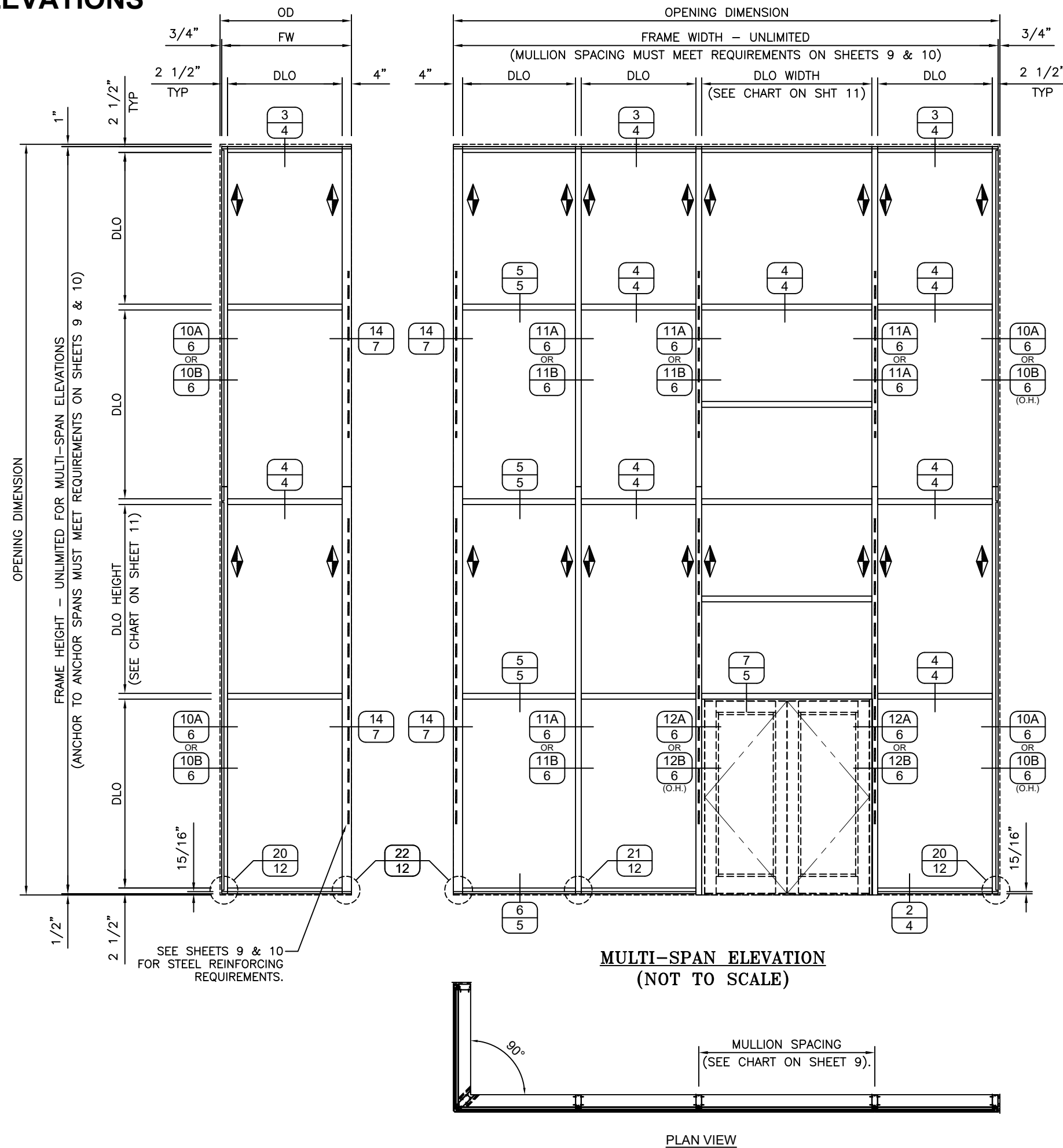
SCOTT WOLTERS
FL PE# 62354

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

PRODUCT:	
CLEARWALL CURTAINWALL SYSTEM	
DWG:	CLRWL-IR
SECTION:	1
SHEET:	1/16

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CODE UPDATE	2	10/18/26
DRAFTING REVISION	1	4/13/21
1ST SUBMITTAL	-	10/12/20
PRINTS ISSUED FOR	REV#	DATE

MULTI-SPAN ELEVATIONS



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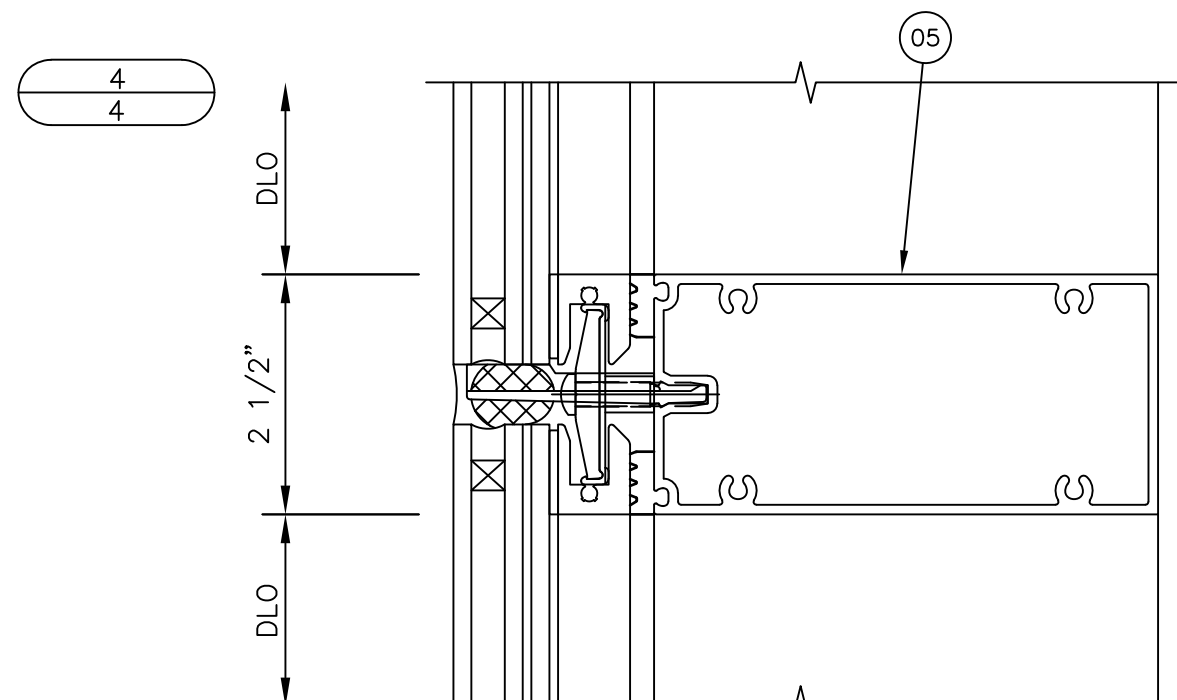
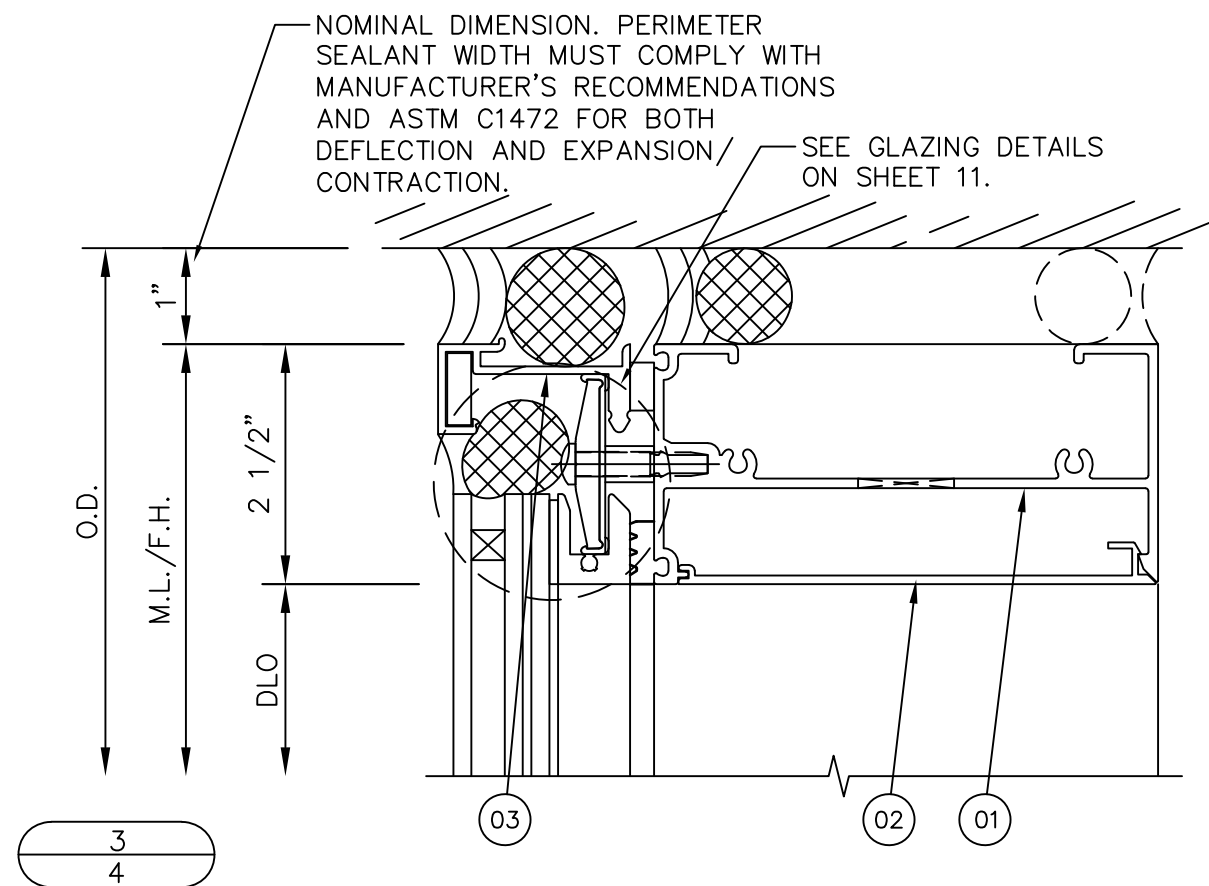
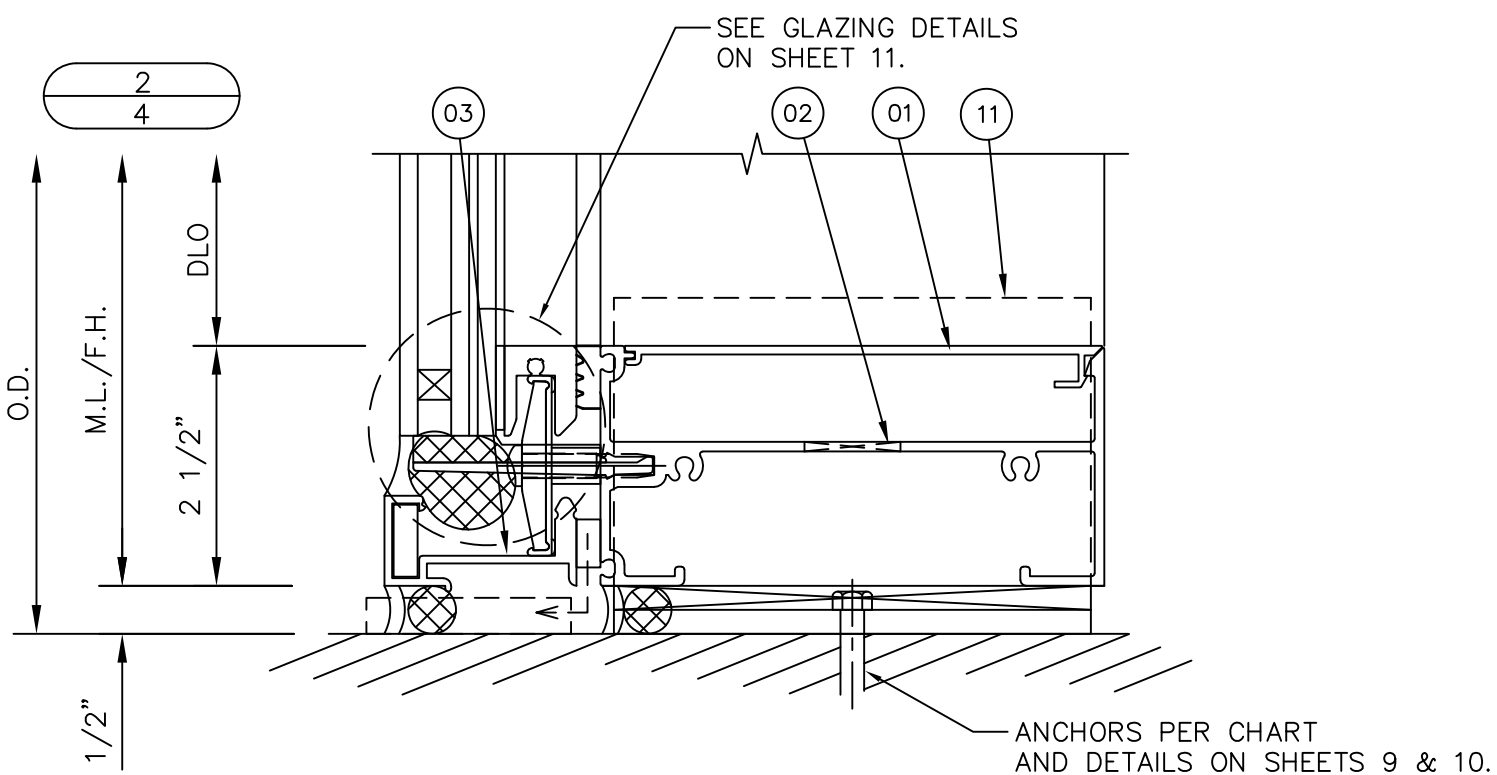
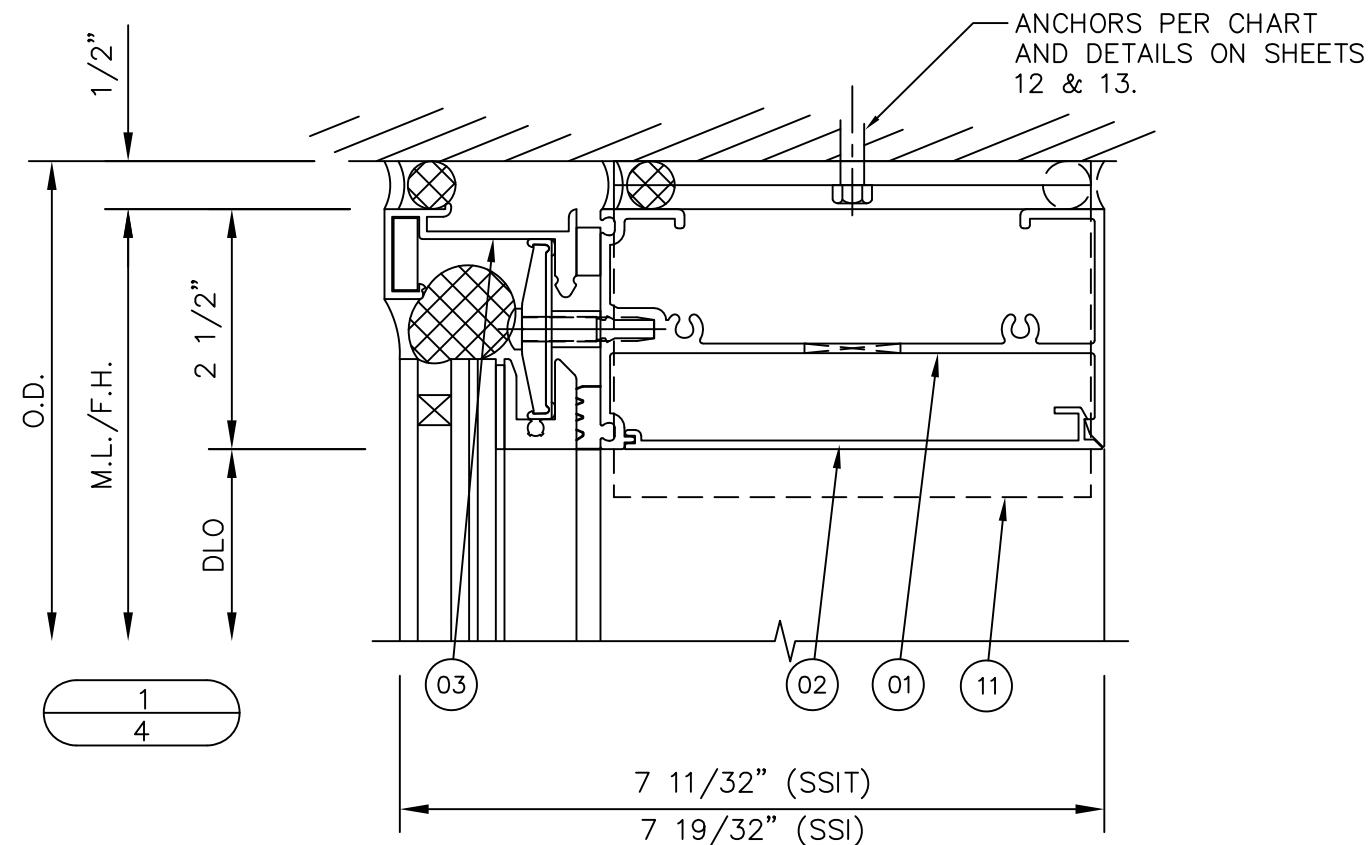
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**CLEARWALL
CURTAINWALL
SYSTEM**

DWG: CLRWL-IR

SECTION: 2
SHEET: 3 / 1

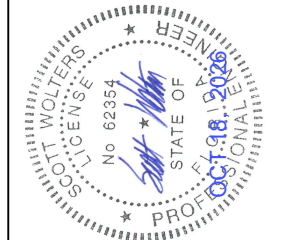
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CODE UPDATE	2	10/18/26	
DRAFTING REVISION	1	4/13/21	
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PRINTS ISSUED FOR REV#		DATE	

HEAD/SILL/HORIZONTAL DETAILS

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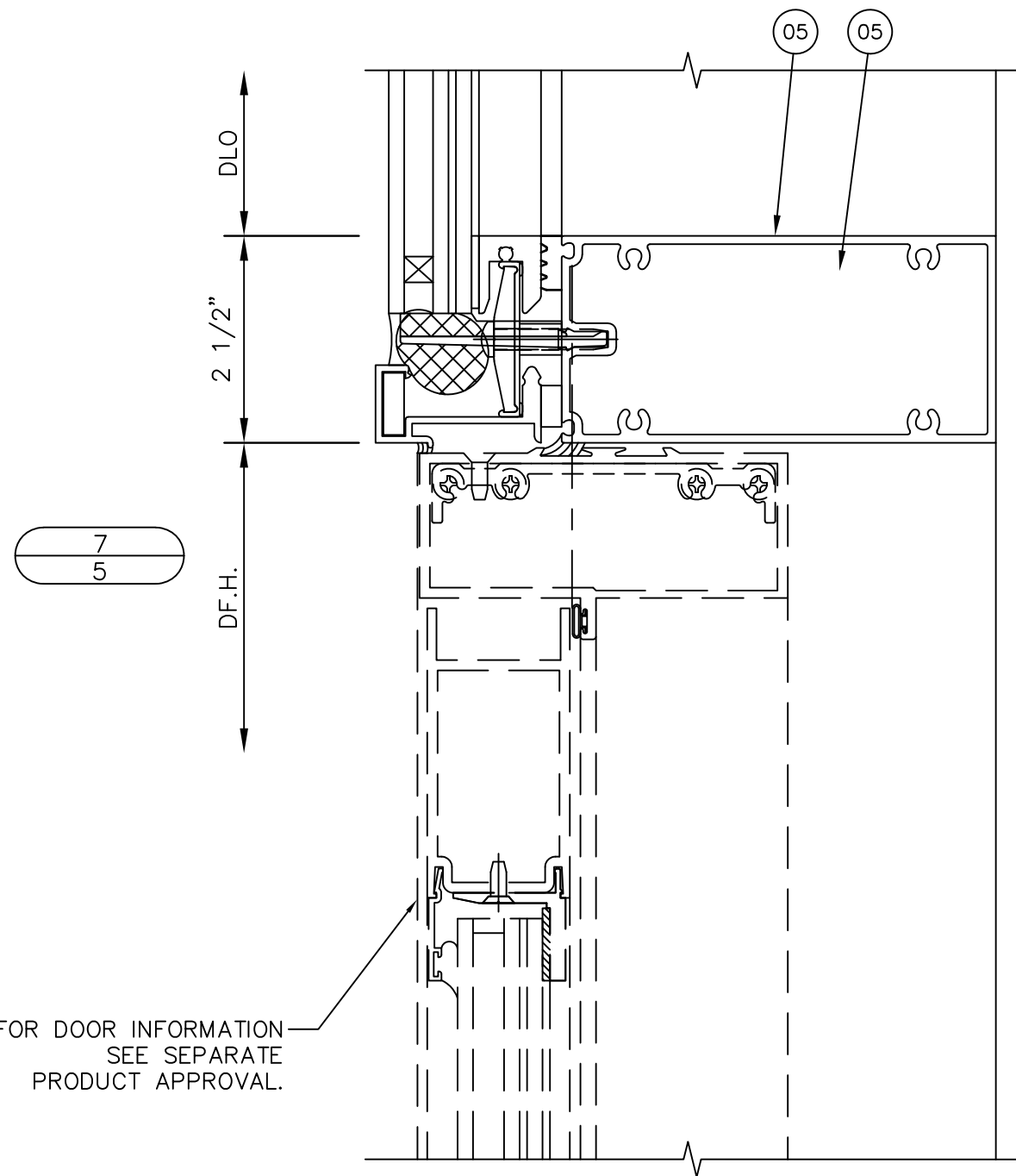
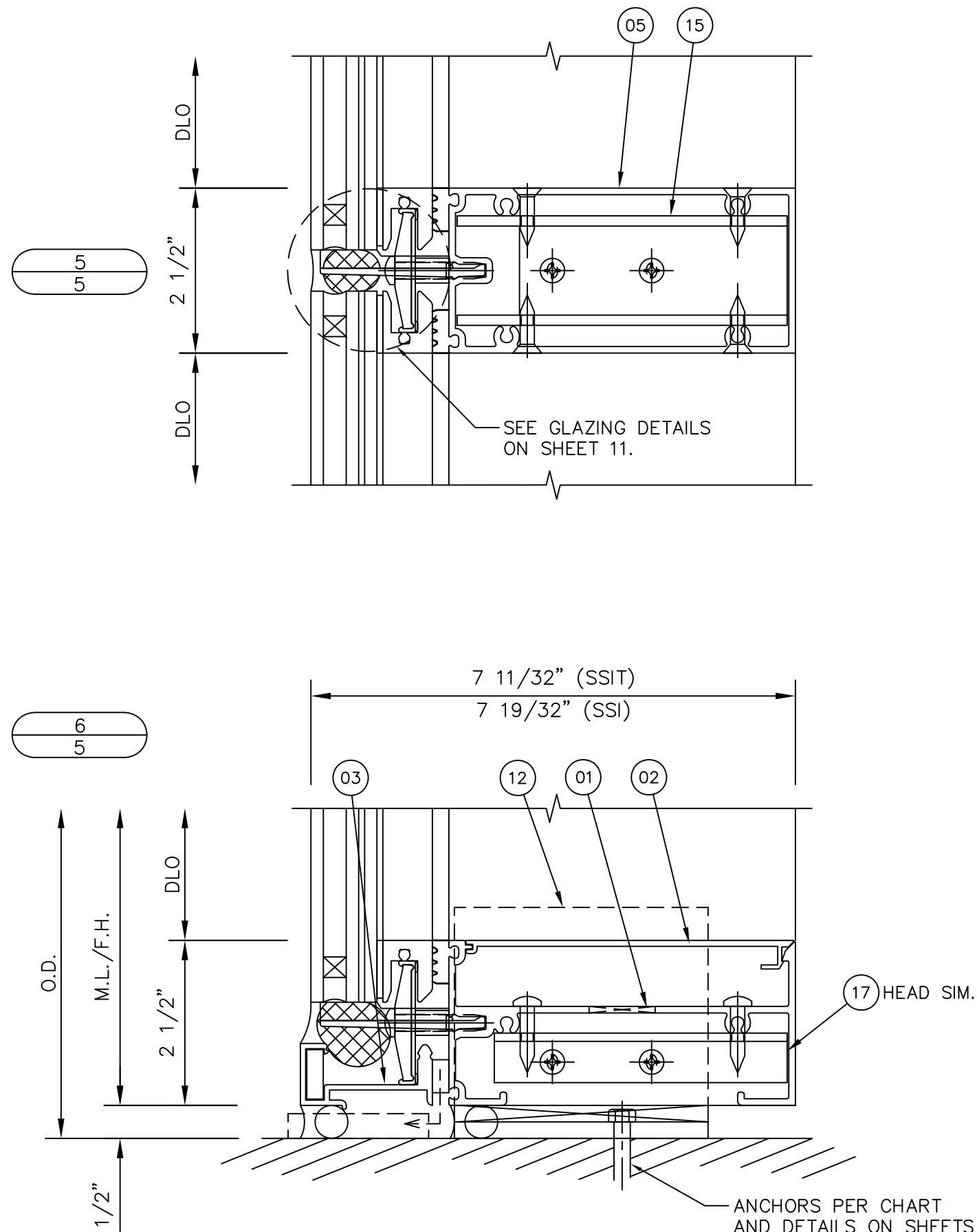
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PRODUCT:	
CLEARWALL CURTAINWALL SYSTEM	
DWG:	CLRWL-IR
SECTION:	3
SHEET:	4/16

HEAD/SILL/HORIZONTAL DETAILS



FOR DOOR INFORMATION
SEE SEPARATE
PRODUCT APPROVAL.

- ANCHORS PER CHART
AND DETAILS ON SHEETS 12 & 13.

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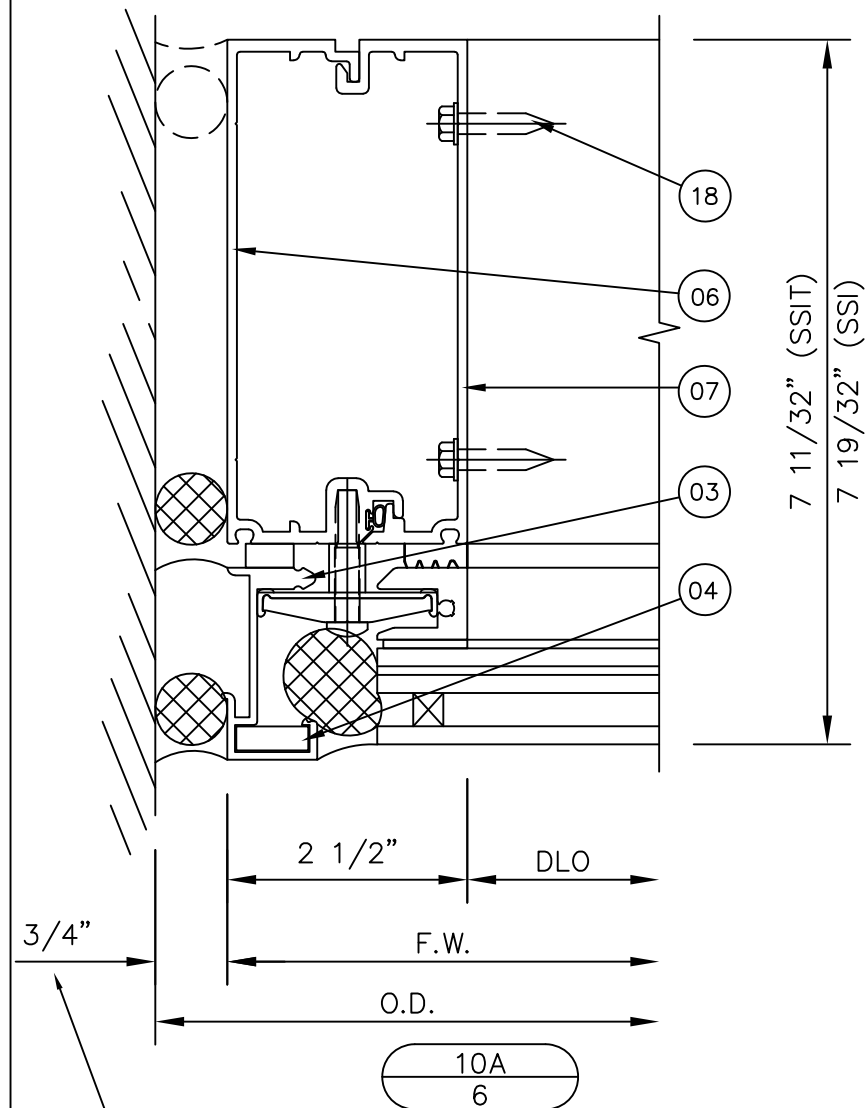
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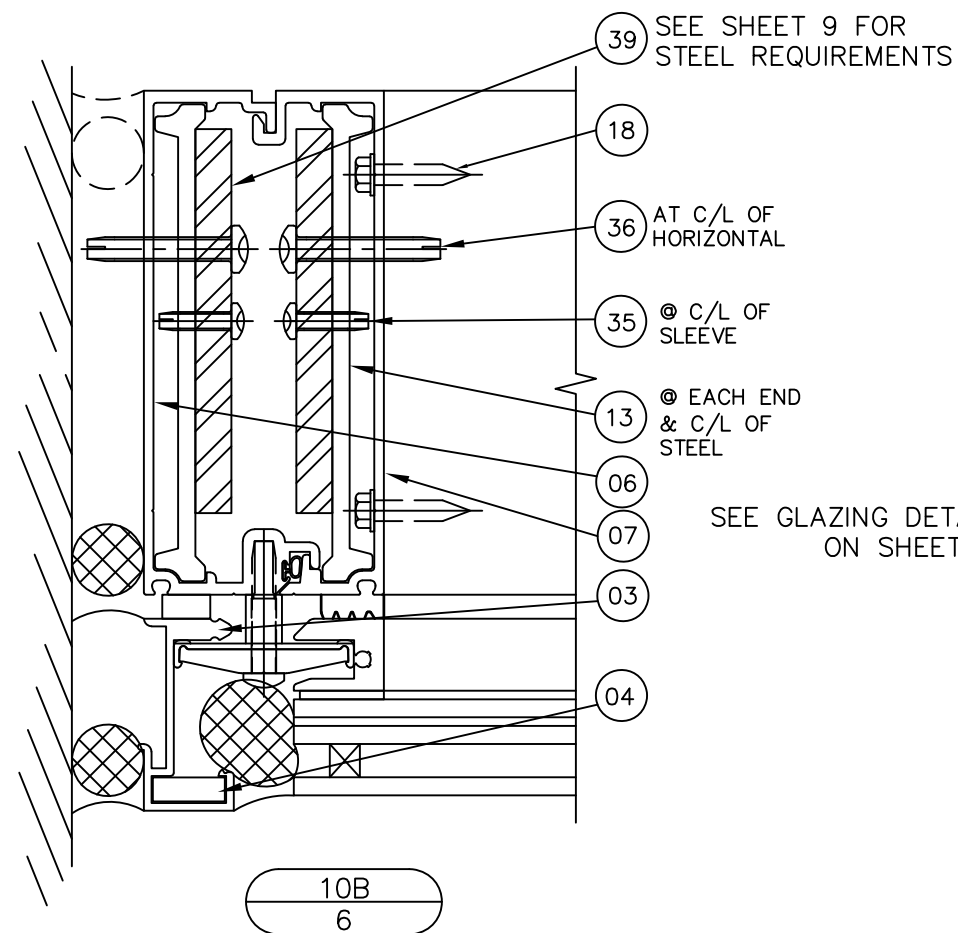
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CODE UPDATE	2	10/18/26	
DRAFTING REVISION	1	4/13/21	
1ST SUBMITTAL	-	10/12/20	
PRINTS ISSUED FOR	REV.#	DATE	

JAMB/MULLION DETAILS

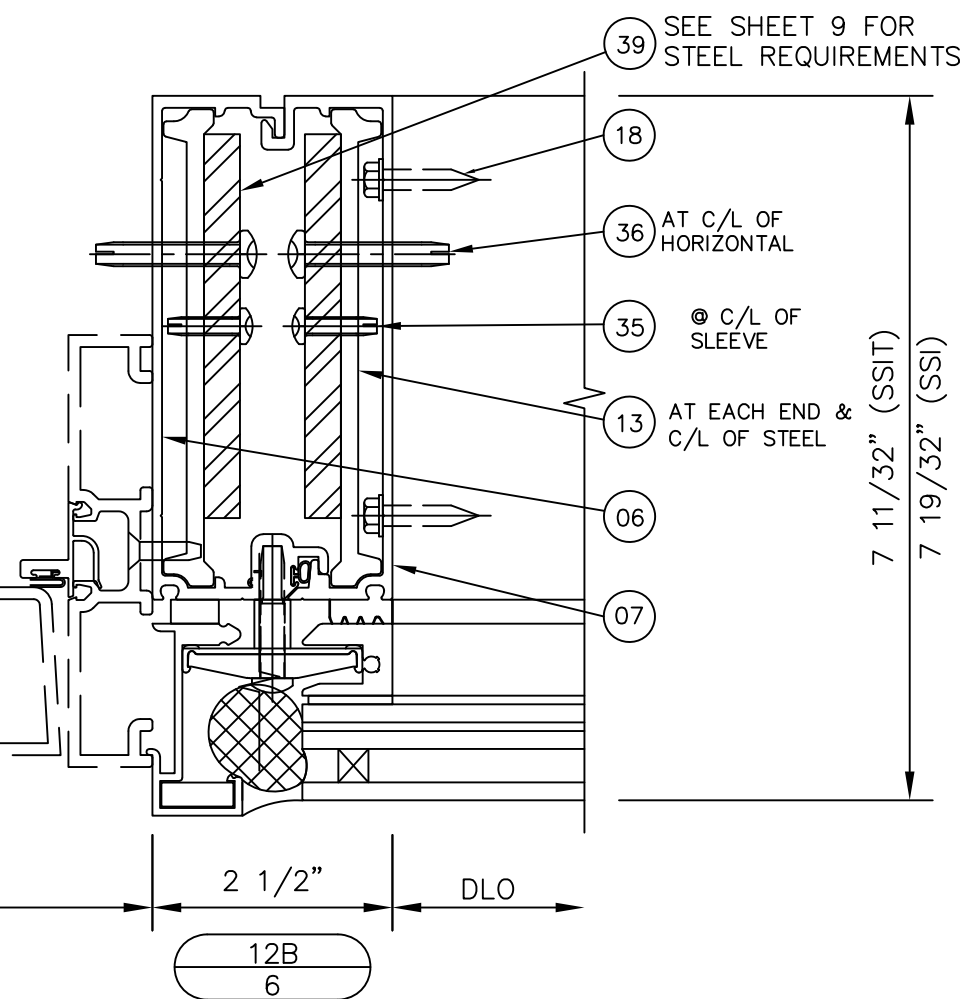
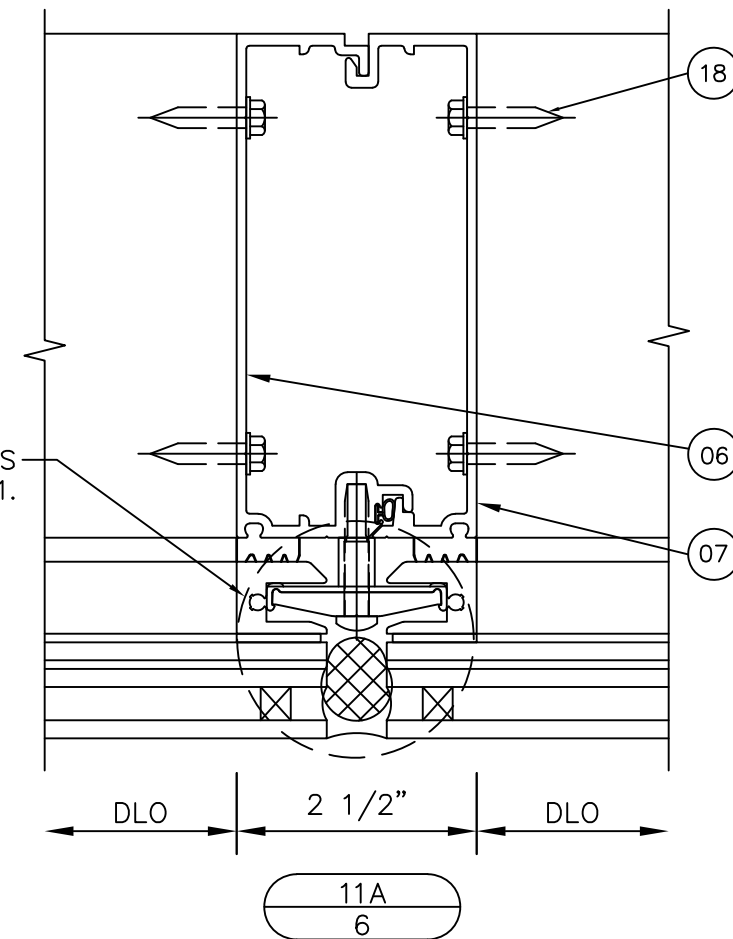


— NOMINAL DIMENSION. PERIMETER SEALANT WIDTH MUST COMPLY WITH MANUFACTURER'S RECOMMENDATIONS AND ASTM C1472.

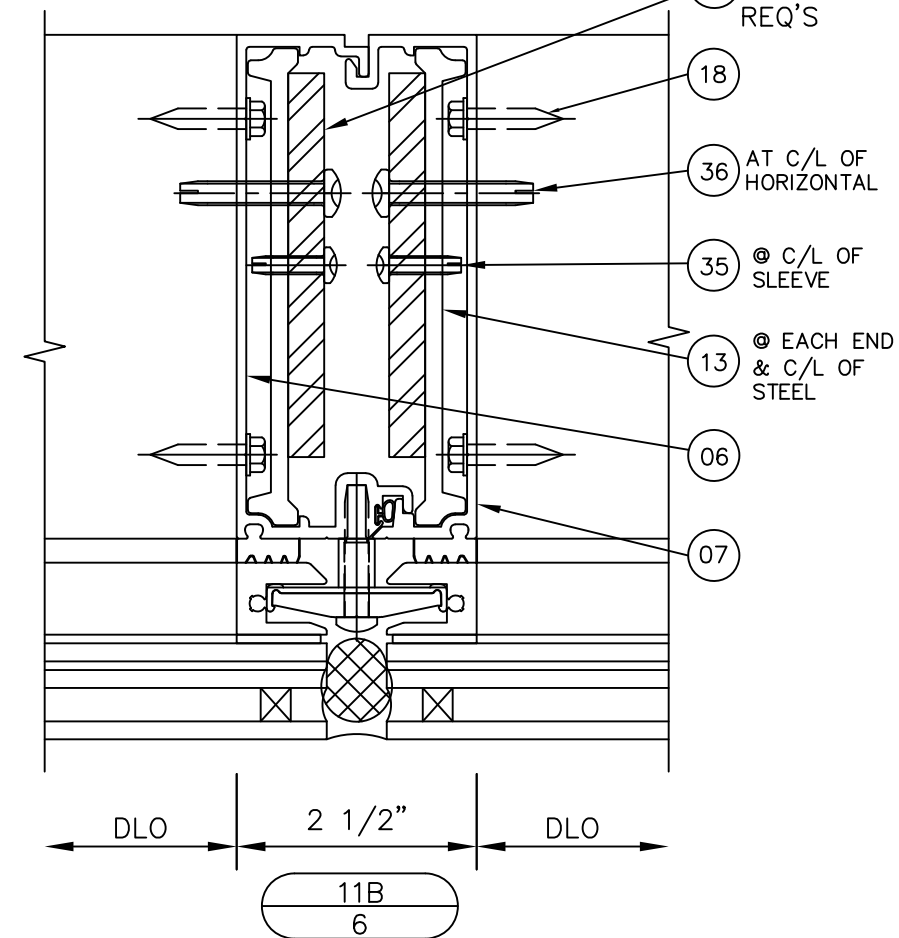
FOR DOOR INFORMATION
SEE SEPARATE
PRODUCT APPROVAL.



SEE GLAZING DETAILS
ON SHEET 11.

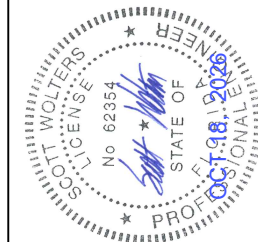


SEE SHEET
99 FOR STEEL
REQ'S



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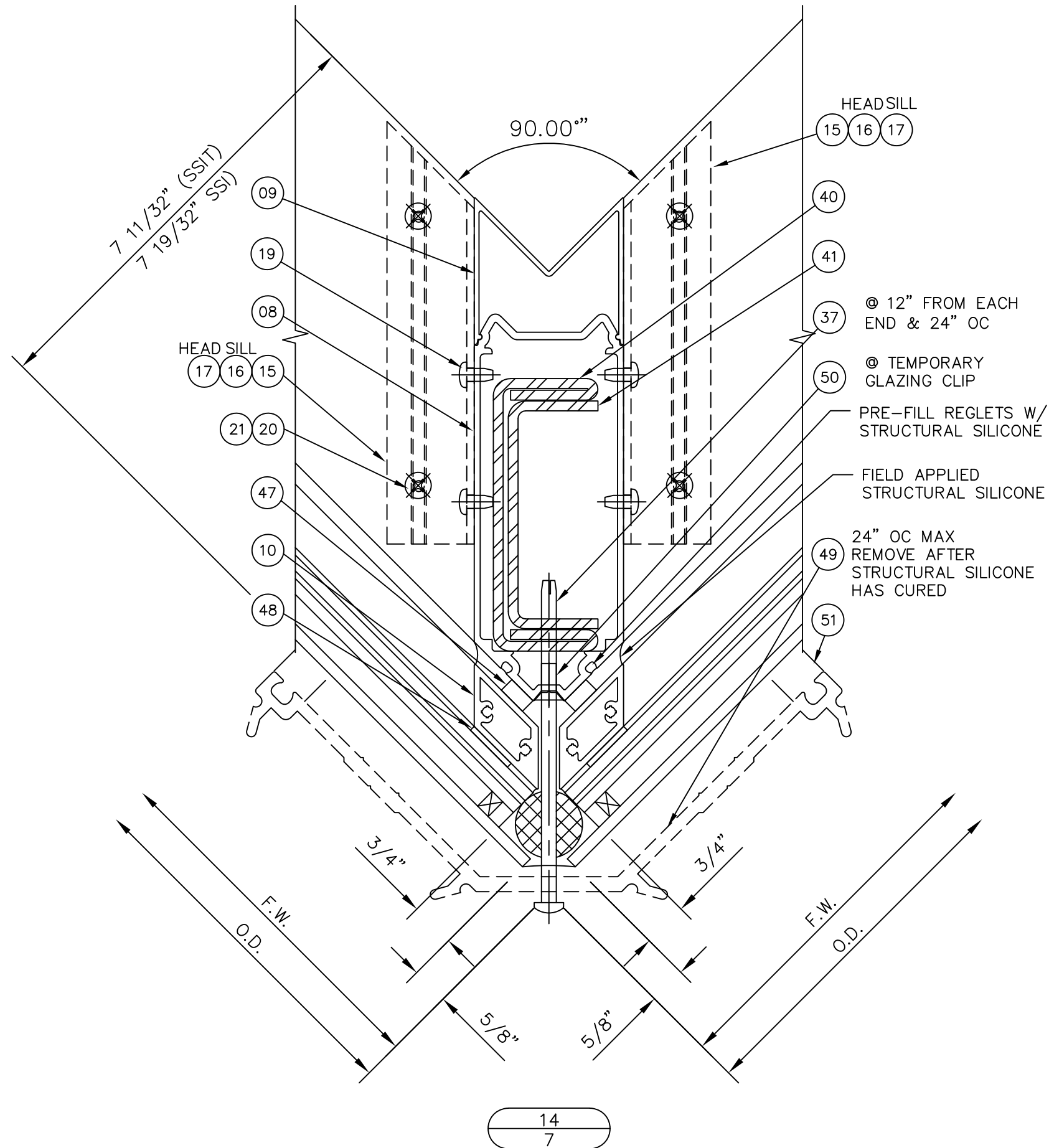
PRODUCT:
**CLEARWALL
CURTAINWALL
SYSTEM**

DWG:	CLRWL-IR
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SECTION: 3
SHEET: 6 / 1

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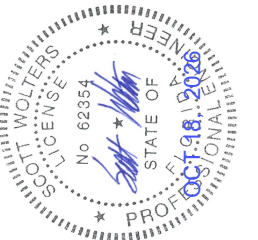
CORNER DETAILS



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PRODUCT:	CLEARWALL CURTAINWALL SYSTEM
WG:	CLRWL-IR
SECTION:	3
FLOOR:	7 / 16



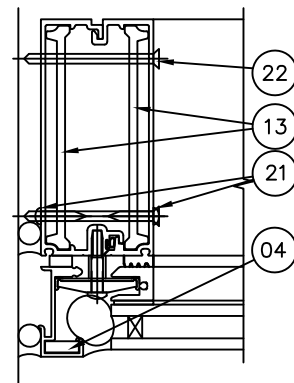
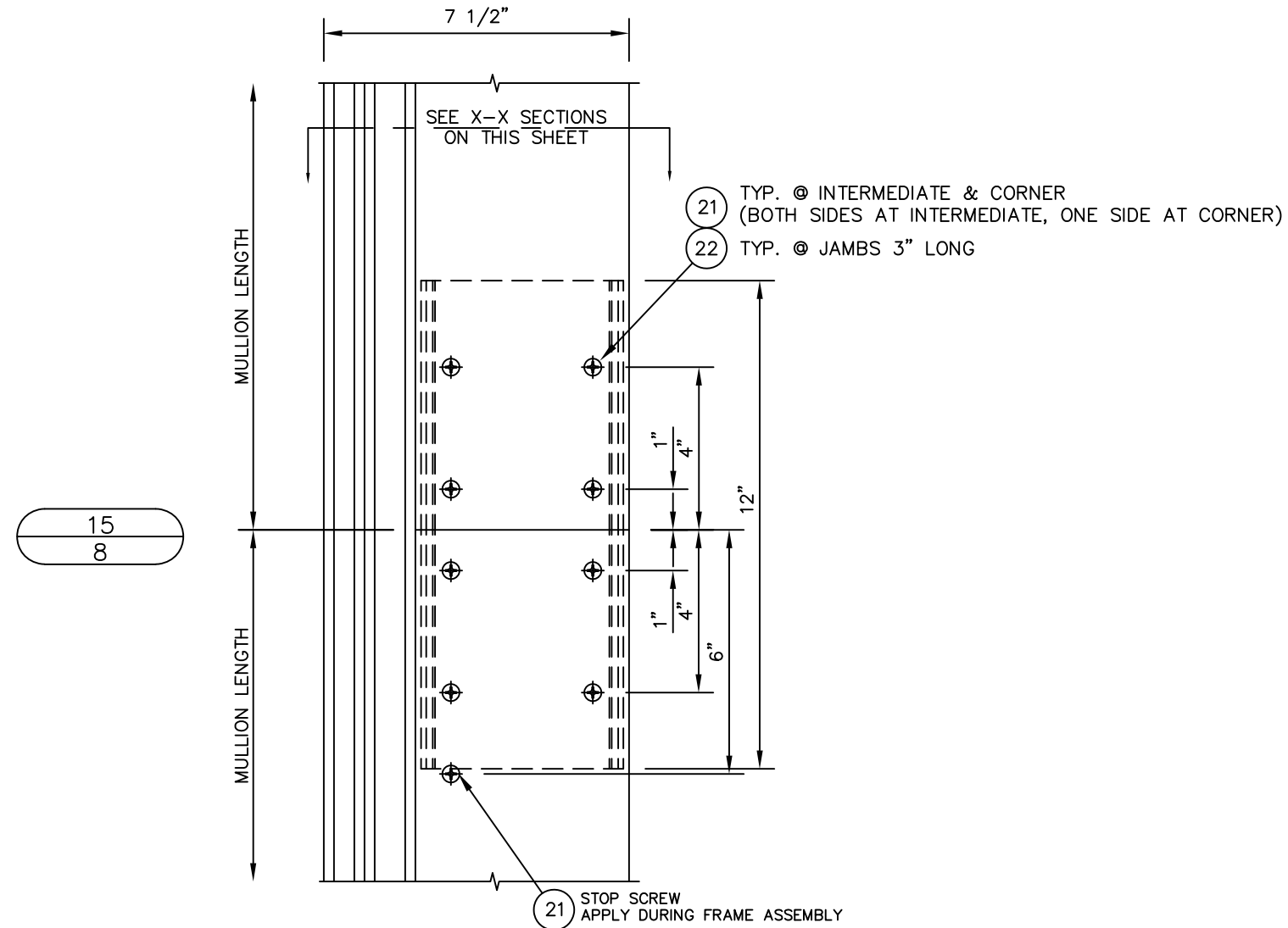
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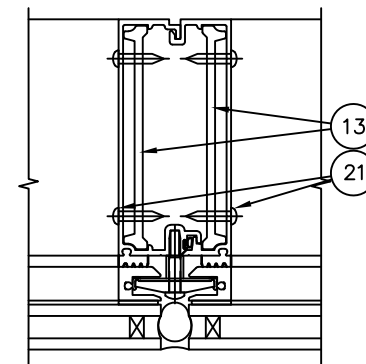
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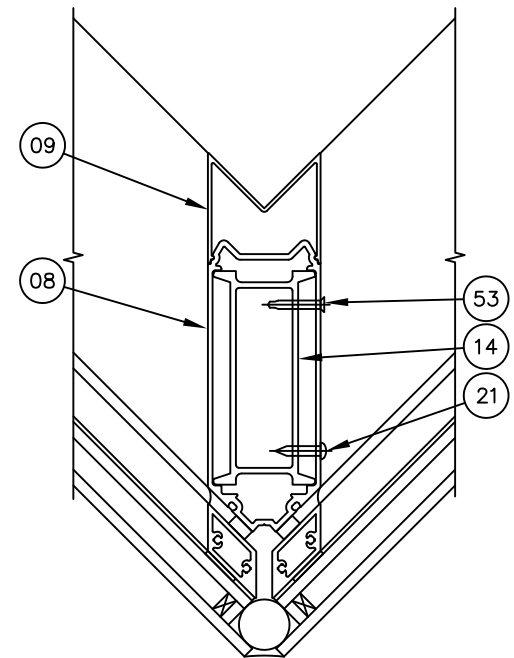
SPLICE DETAILS



X-X
JAMB



X-X
MULLION



X-X
CORNER

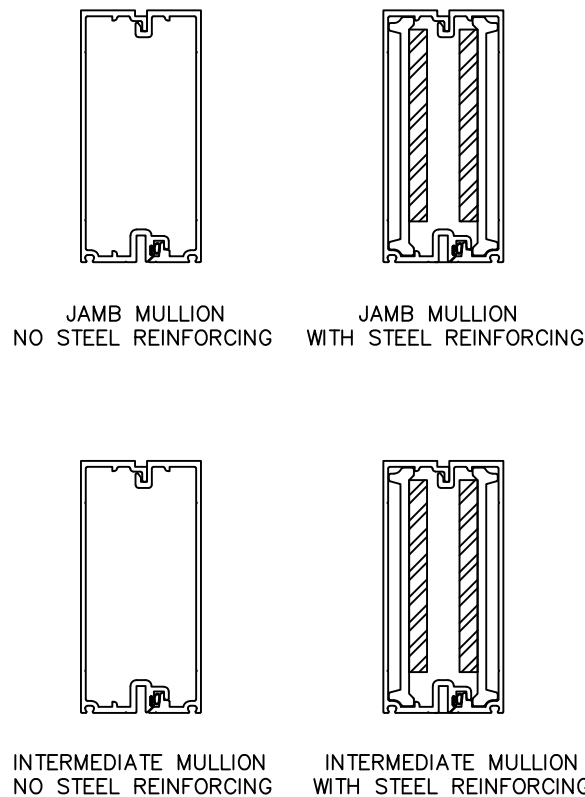
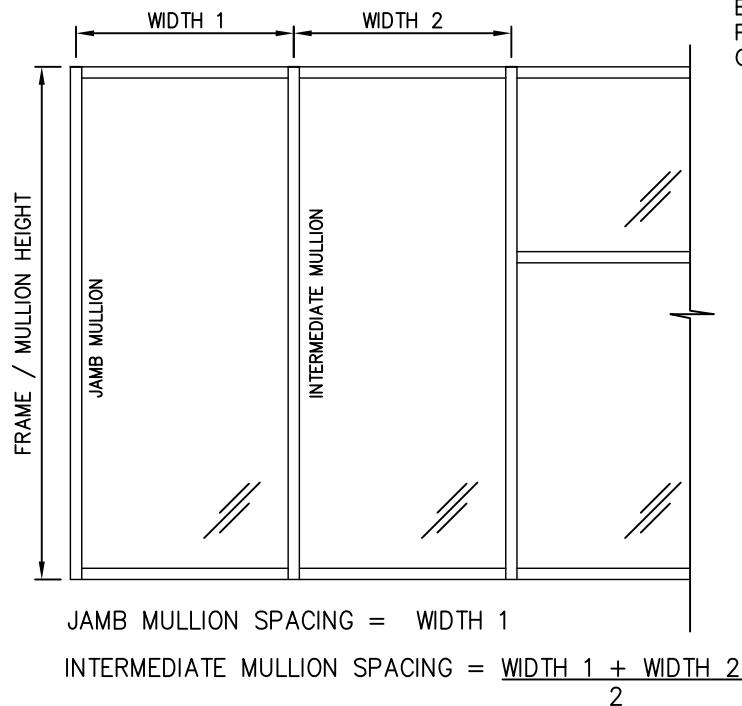
SEAL:	PRODUCT: CLEARWALL CURTAINWALL SYSTEM DWG: CLRRLW-IR SECTION: 3 SHEET: 8 / 16
KAWNEER AN ARCONIC COMPANY	5555 WINDWARD PARKWAY, SUITE 220 ALPHARETTA, GA 30004 PH: (770) 449-5555 WWW.KAWNEER.COM
	— — — — — CODE UPDATE 2 10/18/26 DRAFTING REVISION 1 4/13/21 1ST SUBMITTAL PRINTS ISSUED FOR REV.# DATE

MULLION LIMITATIONS

SINGLE SPAN JAMB CHART			
MULLION HEIGHT (in)	JAMB MULLION SPACING (in)	ALLOWABLE DESIGN PRESSURE (psf)	
		NO REINF. (+/-)	W/REINF. (+/-)
84	55	70	70
	64	60	60
	70	55	55
	76	50	50
	90	50	50
	100	-	50
96	48	70	70
	54	61	61
	60	56	56
	67	50	50
	79	50	50
	100	-	50
120	38 1/2	70	70
	42	64	64
	48	56	56
	54	50	50
	63 1/2	45	50
	100	-	50
132	28 1/2	70	70
	35	57	57
	44 1/2	50	50
	48	44	50
	54	39	50
	57 1/2	37	50
100	-	50	
144	30	52	52
	34	50	50
	42 1/2	50	50
	48	44	50
	60	35	50
	53	42	50
100	-	50	
156	48	50	50
	60	42	50
	70	35	50
	80	-	50
	94	-	43
168	39	50	50
	42	47	50
	48	41	50
	60	33	50
	66	30	50
	88	-	50

SINGLE SPAN NOTES:

1. STEEL REINFORCING LENGTH
= MULLION HEIGHT-36".
2. JAMB DEFLECTION AND JAMB
PERIMETER SEALANT MUST MEET
MANUFACTURER'S RECOMMENDATIONS
AND ASTM C1472.
3. COMPARATIVE ANALYSIS MAY
BE USE FOR OTHER SIZES AND
PRESSURES PER THE REQUIREMENTS
OF FBC SECTION 2411.3.2.4.



MULLION HEIGHT (in)	INTER. MULLION SPACING (in)	ALLOWABLE DESIGN PRESSURE (psf)	
		NO REINF. (+/-)	W/REINF. (+/-)
84	51	70	70
	60	59.5	59.5
	66	54	54
	70	50	50
	87	50	50
	96	-	50
96	45	70	70
	52	60	60
	60	52.5	52.5
	76	50	50
	96	-	50
120	36	70	70
	42	60	60
	48	52.5	52.5
	54	50	50
	61	45	50
	84	-	50
132	27	70	70
	32	59	59
	42	50	50
	48	43	50
	55	37	50
	76	-	50
144	24	60	60
	30	50	50
	36	44	50
	42	38	50
	50	31	50
	70	-	50
156	30	42	50
	36	35	50
	46	30	50
	55	-	50
	60	-	46
168	30	33	50
	33	30	50
	44	-	50
	60	-	36

SINGLE SPAN NOTES:

1. STEEL REINFORCING LENGTH
= MULLION HEIGHT-36".
2. COMPARATIVE ANALYSIS MAY
BE USE FOR OTHER SIZES AND
PRESSURES PER THE REQUIREMENTS
OF FBC SECTION 2411.3.2.4.

MULTI-SPAN JAMB/MULLION CHART			
JAMB/ MULLION HEIGHT (in)	JAMB/ MULLION SPACING (in)	ALLOWABLE DESIGN PRESSURE (psf)	
		NO REINF. (+/-)	W/REINF. (+/-)
84	74	50	50
	87	-	50
	100	-	50
96	65	50	50
	84	-	50
	91	-	50
120	52	50	50
	60	-	50
	72	-	50
132	36	50	59
	42	47	50
	47	42	50
	54	-	50
	66	-	50
144	30	50	50
	36	42	50
	43	35	50
	48	-	50
	60	-	50
156	24	49	50
	30	39	50
	36	33	50
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	48	-	50
	56	-	50
168	24	39	50
	30	32	50
	36	26	50
	52	-	50

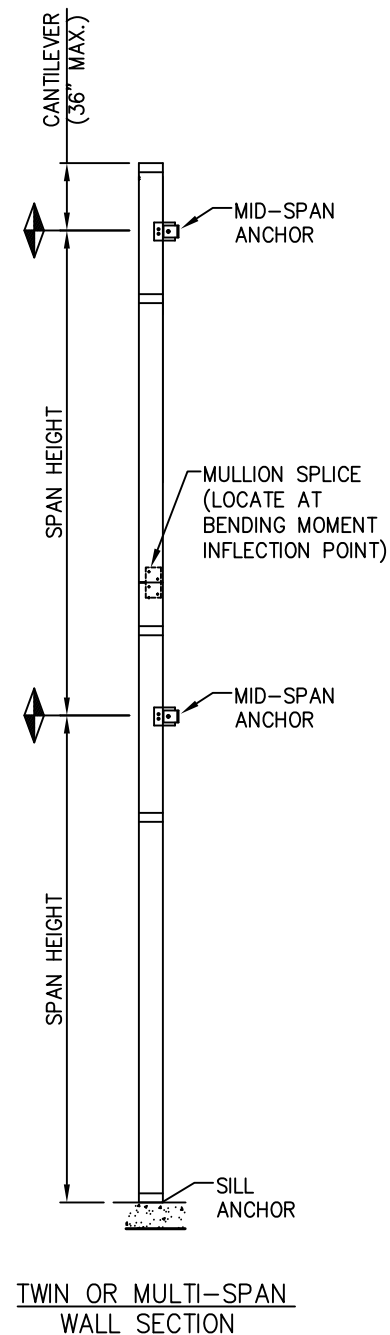
MULTI-SPAN NOTES:

1. PRESSURES LISTED ABOVE APPLY TO MULLIONS WITH EQUAL SPAN HEIGHTS.
2. SEE NOTES BELOW FOR UNEQUAL SPANS.
3. STEEL REINFORCING REQUIREMENTS:
 - a. LENGTH FOR BOTTOM SPAN REINFORCING = M.L.-36", STARTING 30" FROM SILL (EXTENDS THRU 1ST MID-SPAN ANCHOR)
 - b. LENGTH FOR REINFORCING IN UPPER SPANS = SPAN HEIGHT-84" (MIN), LOCATED 35" ABOVE LOWER STEEL OR CENTERED IN SPAN.
 - c. ANY LOCATION WHERE THE MULLION BENDING MOMENT EXCEEDS 30,230 in-lb.
4. COMPARATIVE ANALYSIS MAY BE USE FOR OTHER SIZES AND PRESSURES PER THE REQUIREMENTS OF FBC SECTION 2411.3.2.4.

UN-EQUAL SPANS:

MULLIONS WITH UN-EQUAL SPAN HEIGHTS MUST MEET ALL OF THE FOLLOWING REQUIREMENTS:

1. MAX. SPAN HEIGHT = 168 in.
2. MAX. DESIGN PRESSURE = ± 50 psf
3. MAX. BENDING MOMENT FOR MULLION WITH NO STEEL REINFORCING = 30,230 in-lb.
4. MAX. BENDING MOMENT FOR REINFORCED MULLION = 47,426 in-lb.
5. MAX. MID-SPAN ANCHOR REACTION = 3754 lb.



SEAL:

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PRODUCT:

CLEARWALL CURTAINWALL SYSTEM

DWG:

CLRWL-IR

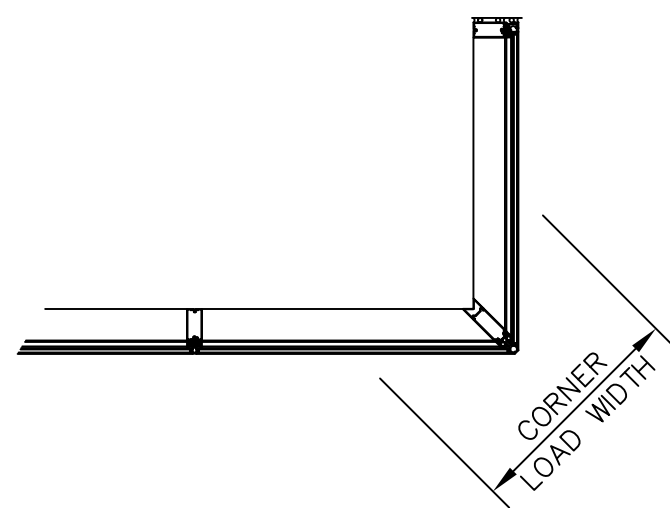
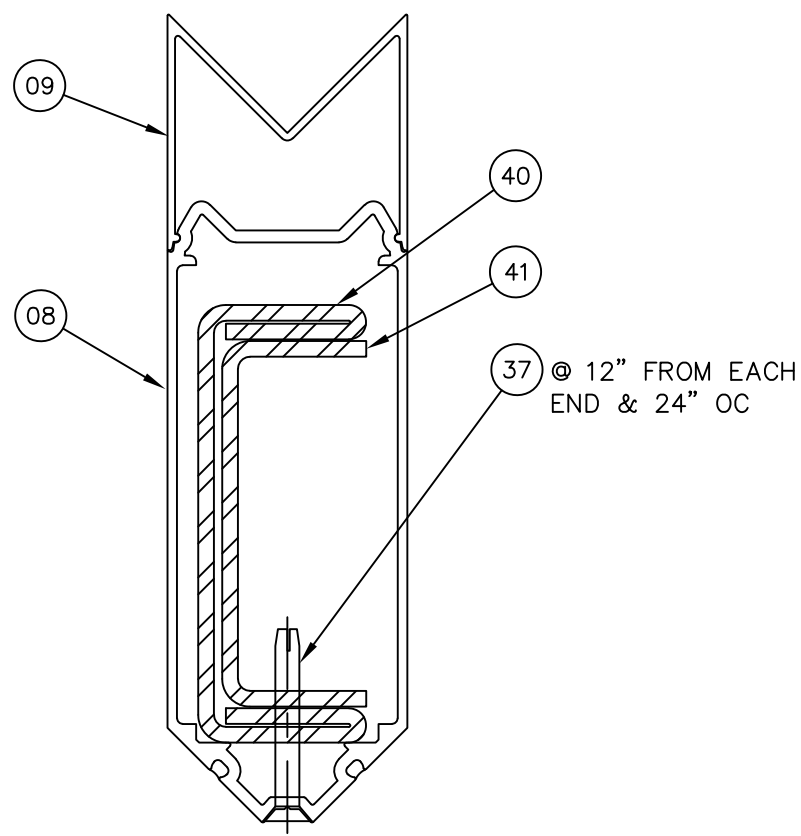
SECTION:

4

SHEET:

9/16

CORNER DETAILS



CORNER MULLION CHART			
MULLION HEIGHT (in)	CORNER MULLION LOAD WIDTH (in)	ALLOWABLE DESIGN PRESSURE (psf)	
		SINGLE SPAN (+/-)	MULTI- SPAN (+/-)
96	42	50	50
	48	50	50
	51	50	50
120	42	50	50
	48	50	50
	51	50	50
132	42	50	50
	48	50	50
	51	47	50
144	36	50	50
	42	48	50
	46	44	50
156	30	50	50
	36	48	50
	40	43	50
	43	40	46
168	24	50	50
	30	41	50
	36	34	50
	40 1/8	30	50

CORNER MULLION NOTES:

1. WIDTHS ARE BASED ON PROJECTED AREA.
(CENTER OF DLO TO CENTER OF DLO)
2. PRESSURES FOR MULTI-SPAN MULLIONS LISTED ABOVE APPLY TO MULLIONS WITH EQUAL SPAN HEIGHTS. SEE NOTES BELOW FOR UNEQUAL SPANS.
3. STEEL REINFORCING LENGTH FOR SINGLE SPAN MULLIONS = MULLION LENGTH-36".
4. MULTI-SPAN STEEL REINFORCING REQUIREMENTS:
 - a. LENGTH FOR BOTTOM SPAN REINFORCING = M.L.-36", STARTING 30" FROM SILL
(EXTENDS THRU 1ST MID-SPAN ANCHOR)
 - b. LENGTH FOR REINFORCING IN UPPER SPANS = SPAN HEIGHT-84" (MIN), 35" ABOVE LOWER STEEL OR CENTERED IN SPAN.
 - c. ANY LOCATION WHERE THE MULLION BENDING MOMENT EXCEEDS 22,317 in-lb.
4. COMPARATIVE ANALYSIS MAY BE USE FOR OTHER SIZES AND PRESSURES PER THE REQUIREMENTS OF FBC SECTION 2411.3.2.4.

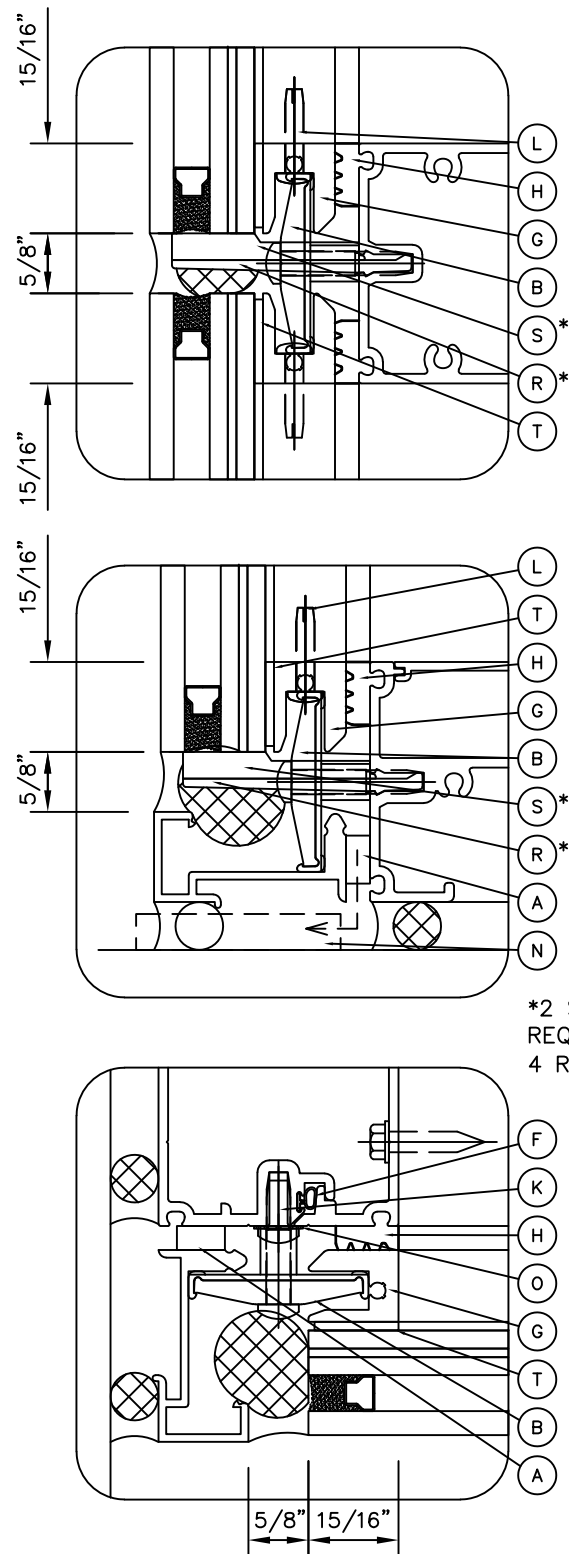
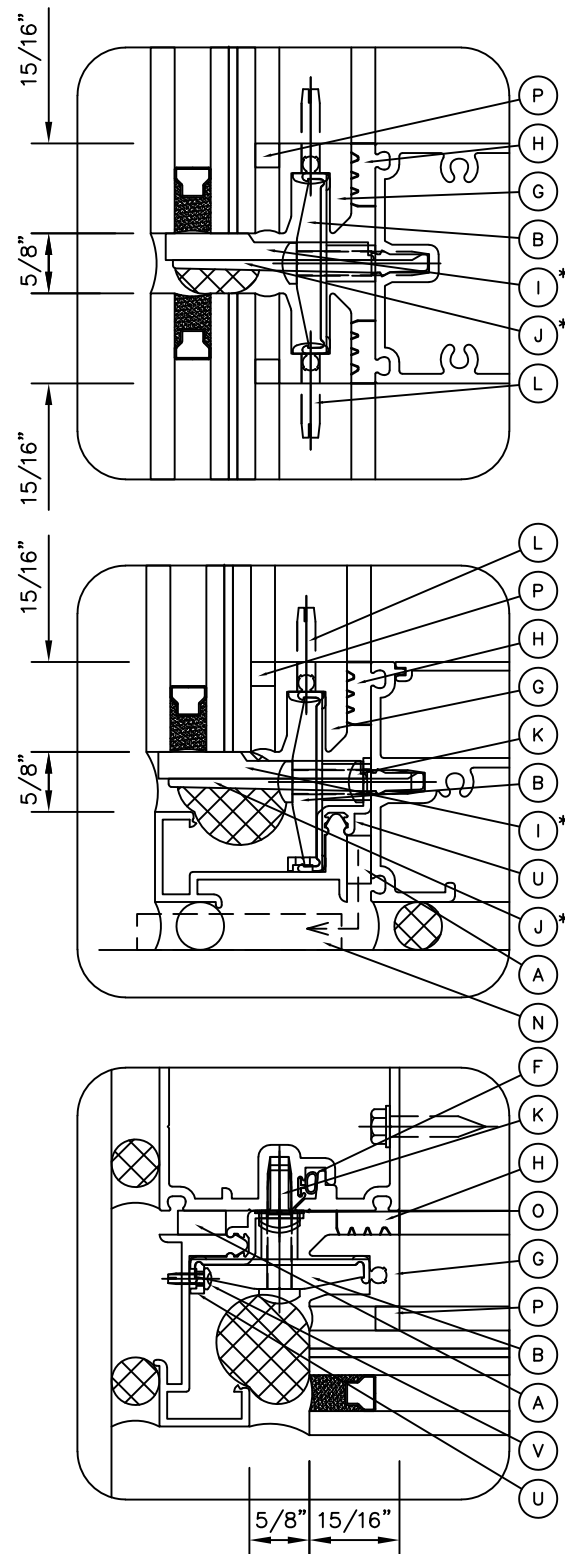
UN-EQUAL SPANS:

CORNER MULLIONS WITH UN-EQUAL SPAN HEIGHTS
MUST MEET ALL OF THE FOLLOWING REQUIREMENTS:

1. MAX. SPAN HEIGHT = 168 in.
2. MAX. DESIGN PRESSURE = ± 50 psf
3. MAX. BENDING MOMENT FOR MULLION WITH NO STEEL REINFORCING = 22,317 in-lb.
4. MAX. BENDING MOMENT FOR REINFORCED MULLION = 36,500 in-lb.
5. MAX. MID-SPAN ANCHOR REACTION = 2751 lb.

[illegible]

SSIT GLAZING DETAILS



*2 SETTING BLOCKS AND CHAIRS
REQ'D FOR GLASS $\leq 32 \text{ ft}^2$.
4 REQ'D FOR GLASS $> 32 \text{ ft}^2$.

- | | | |
|---|--------|---|
| A | 127159 | SSG TAPE
(SHORE "A" 30 DUROMETER POLYURETHANE FOAM) |
| B | 127213 | TOGGLE ASSEMBLY (SEE LOCATIONS ON SHEET 13) |
| G | 027493 | AIR SEAL (ARLOC T-BULB WEATHER STRIP) |
| G | 172021 | INTERFACE |
| H | 127167 | INTERIOR FIXED GASKET (SHORE "00" 70±10
DUROMETER EPDM SPONGE) |
| I | 127166 | SETTING BLOCK (SHORE "A" 85±5 DUROMETER
SILICONE). (2) PER LITE MIN. |
| J | 172210 | SSI GLASS CHAIR |
| K | 128958 | 1/4" x 1/2" PHTF TYPE "B" W/ #12 SQUARE
RECESS HEAD 300 STAINLESS STEEL 36" O.C. |
| L | 977104 | 10-24 x 7/8" TYPE 1 PHTC CROSS RECESSED
TYPE "d" 300 STAINLESS STEEL |

- | | | |
|---|--------|---|
| N | | 3/8" DIA.WEEP TUBE BY OTHERS |
| O | 028416 | 1/4" STAR WASHER |
| P | 127095 | 1/4"x1/4" GLAZING TAPE |
| R | 172216 | SSIT GLASS CHAIR |
| S | 127163 | SETTING BLOCK (SHORE "A" 85±5 DUROMETER SILICONE). (2) PER LITE MIN. |
| T | | 3M VHB 7/8" TAPE (B23F BLACK OR G23F GRAY) BY OTHERS |
| U | 172214 | PERIMETER TRIM CLIP – @ EACH END OF PERIM TRIM & C OF HORIZONTAL MULLION |
| V | 128920 | #6x3/8" TYPE 1 PHTF SCREW TYPE "B" CROSS RECESS HEAD (300 SS). (1) NEAR C OF PERIMETER TRIM |

GLASS TYPES

GLASS TYPE 1 - 1" INSULATED LAMINATED
LARGE AND SMALL MISSILE IMPACT RESISTANT

MAKE-UP: 1/4" TEMPERED
3/8" AIR SPACE WITH ALUM.
SPACER (BLACK)
3/16" HEAT STRENGTHENED
0.090" SENTRYGLAS INTERLAYER
3/16" HEAT STRENGTHENED

GLASS TYPE 2 - 1" INSULATED LAMINATED
SMALL MISSILE IMPACT RESISTANT ONLY

MAKE-UP:	1/4" TEMPERED
	3/8" AIR SPACE WITH ALUM. SPACER (BLACK)
	3/16" HEAT STRENGTHENED
	0.060" PVB INTERLAYER
	3/16" HEAT STRENGTHENED

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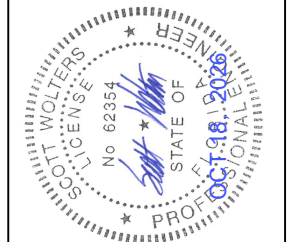
GLASS CHART NOTES:

1. DIMENSIONS LISTED ARE DLO DIMENSIONS.
2. PRESSURES SHOWN ARE ROUNDED TO WHOLE NUMBERS.
3. COMPARATIVE ANALYSIS MAY BE USED FOR OTHER SIZES AND PRESSURES PER THE REQUIREMENTS OF FBC SECTION 2411.3.2.4.

[illegible]

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SEAL:

SCOTT WOLTERS
FL PE# 62354

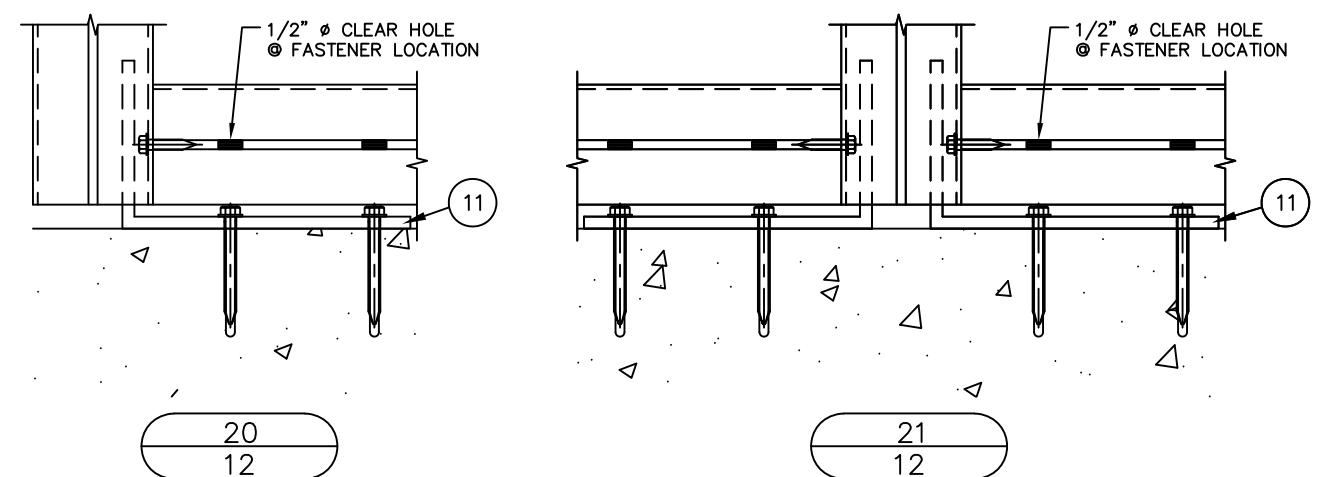
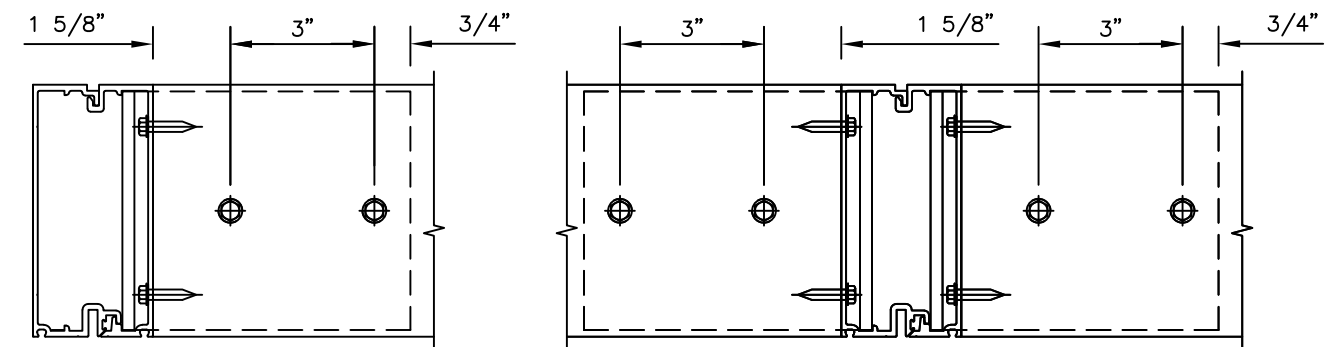
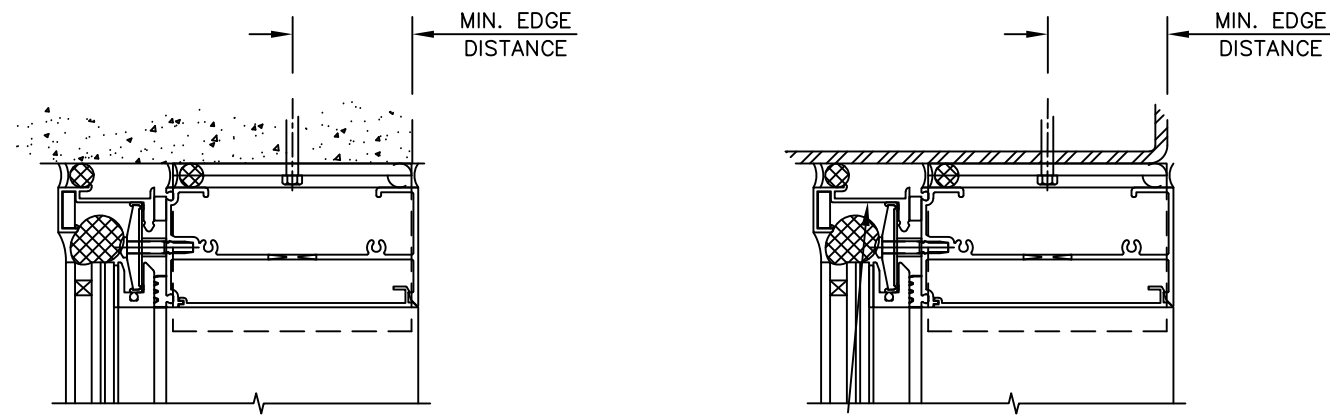
WOLTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
PH/FAX: (561) 225-1982

PRODUCT:
**CLEARWALL
CURTAINWALL
SYSTEM**

DWG:	CLRWL-IR
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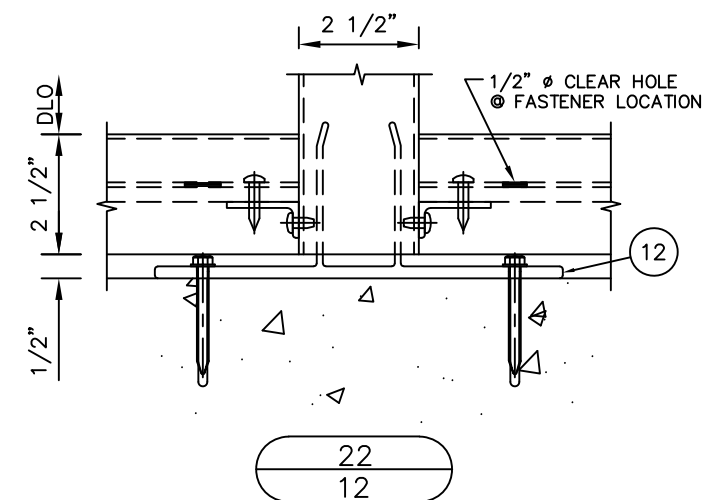
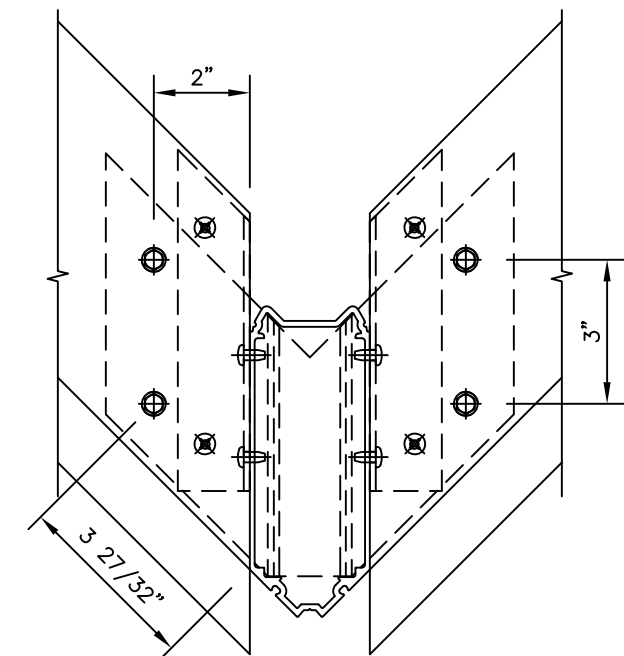
SECTION: 5
SHEET: 11/16

HEAD/SILL ANCHOR DETAILS



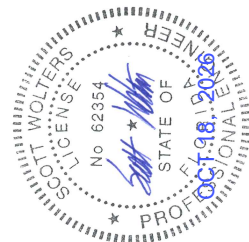
HEAD/SILL ANCHOR SCHEDULE			
BASE MATERIAL	FASTENER TYPE	EMBEDMENT (MIN)	EDGE DISTANCE (MIN)
CONCRETE (3000 psi MIN)	1/4" DIA. DEWALT ULTRA CON+ 1/4" DIA. ELCO CRETE-FLEX SS4 1/4" DIA. ELCO AGGRE-GATOR 1/4" DIA. HILTI KWIK-CON II+	1 3/4"	2 1/2"
STEEL (1/8", 36 ksi MIN.)	1/4" DIA. ITW TEKS SCREW ² 1/4" DIA. ELCO BI-FLEX 1/4" DIA. ELCO DRIL-FLEX 1/4" DIA. F-TYPE THREAD FORMING SCREW ³ (SAE Gr. 5 MIN)	FULL ¹	3/4"

1. FASTENER THREADS MUST FULLY PENETRATE THE WALL THICKNESS OF THE STEEL, WITH 3 ADDITIONAL THREADS BEYOND, FOR FULL EMBEDMENT.
2. CLIMASEAL ACR COATING IS REQUIRED WITHIN 3000 ft. OF A SALTWATER COASTLINE.
3. WITHIN 3000 ft OF A SALTWATER COASTLINE, F-TYPE SCREWS MUST BE EITHER GLAVANIZED PER ASTM A153 CLASS D, PER ASTM A641 CLASS 3S, COATED TO EXHIBIT <5% RED RUST AFTER 1,000 HOURS OF EXPOSURE PER ASTM B117, OR 300 SERIES STAINLESS STEEL ($F_{UT}=100\text{ksi min}$)



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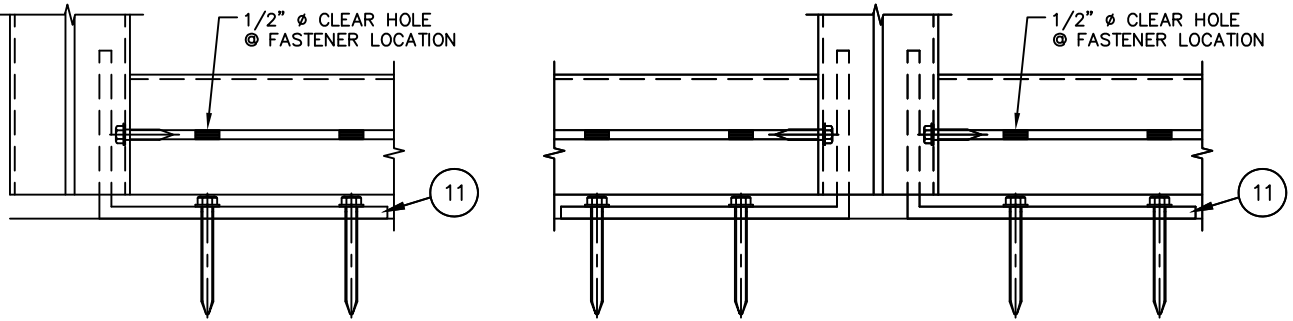
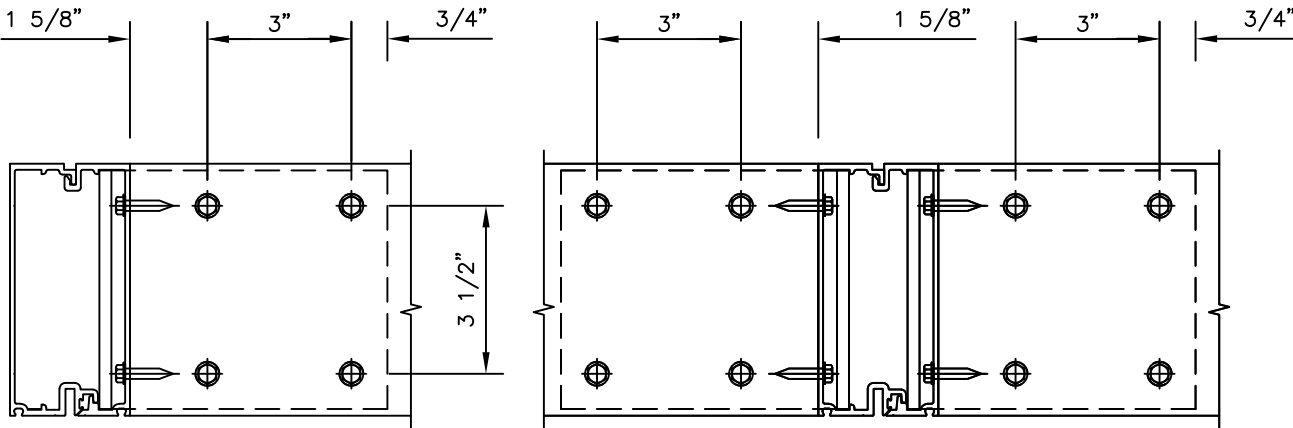
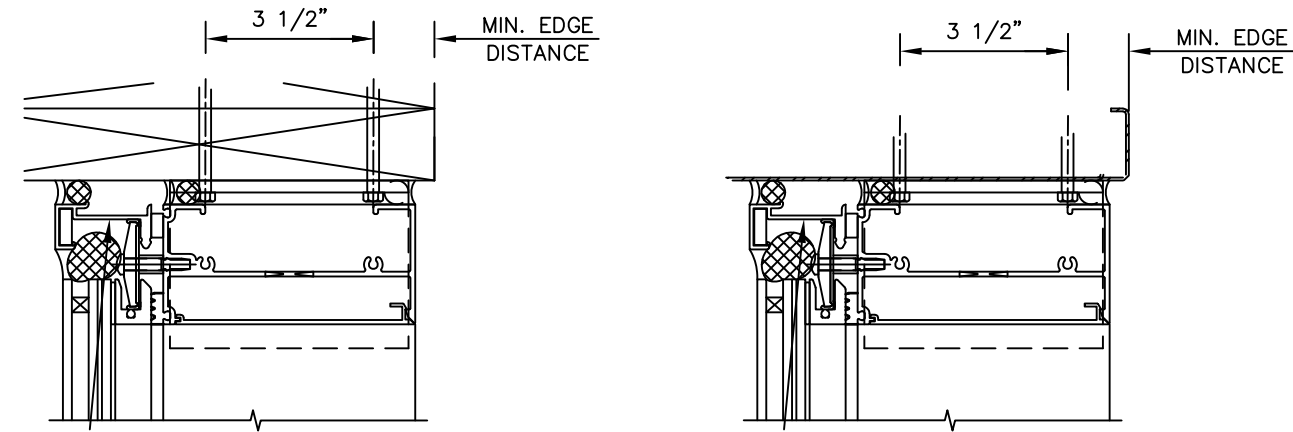
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PRODUCT:
**CLEARWALL
CURTAINWALL
SYSTEM**

DWG:	CLRWL-IR
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SECTION:	6
SHEET:	12/16

HEAD/SILL ANCHOR DETAILS

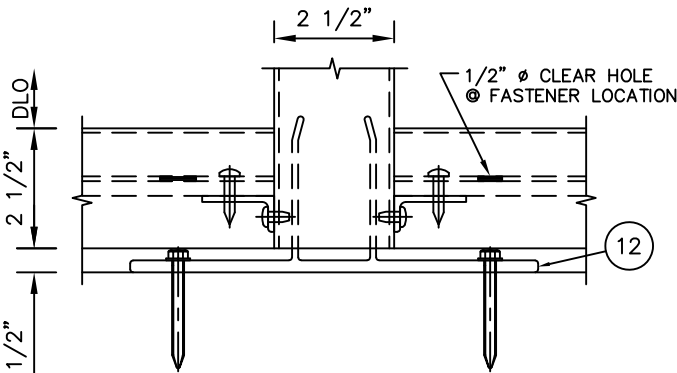
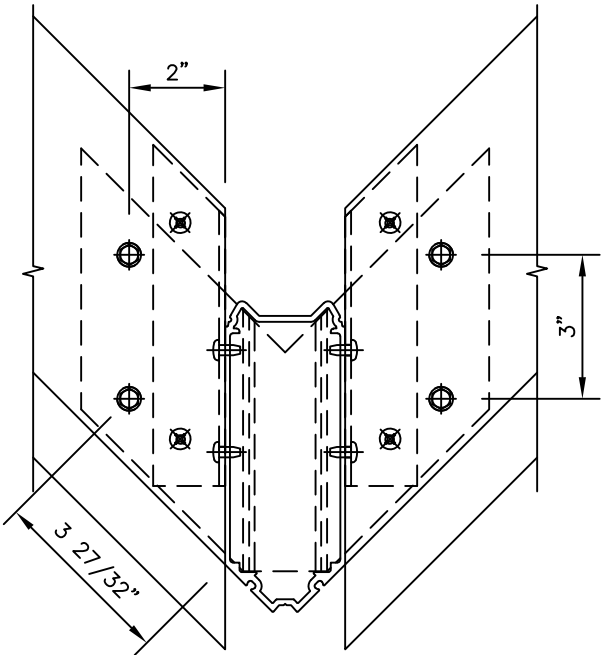


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HEAD/SILL ANCHOR SCHEDULE			
BASE MATERIAL	FASTENER TYPE	EMBEDMENT (MIN)	EDGE DISTANCE (MIN)
WOOD (S.G. = 0.5 MIN)	1/4" DIA. SHEET METAL SCREW (300 SERIES SS MIN)	2"	1"
METAL STUD (16 Ga, 45 ksi MIN.)	1/4" DIA. ITW TEKS SCREW ² 1/4" DIA. DEWALT BI-FLEX 1/4" DIA. DEWALT DRIL-FLEX	FULL ¹	3/4"

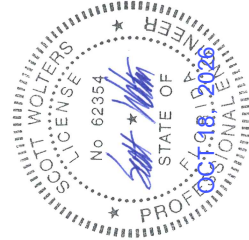
1. FASTENER THREADS MUST FULLY PENETRATE THE WALL THICKNESS OF THE STEEL, WITH 3 ADDITIONAL THREADS BEYOND, FOR FULL EMBEDMENT.
2. CLIMASEAL ACR COATING IS REQUIRED WITHIN 3000 FT. OF A SALTWATER COASTLINE.



22
13

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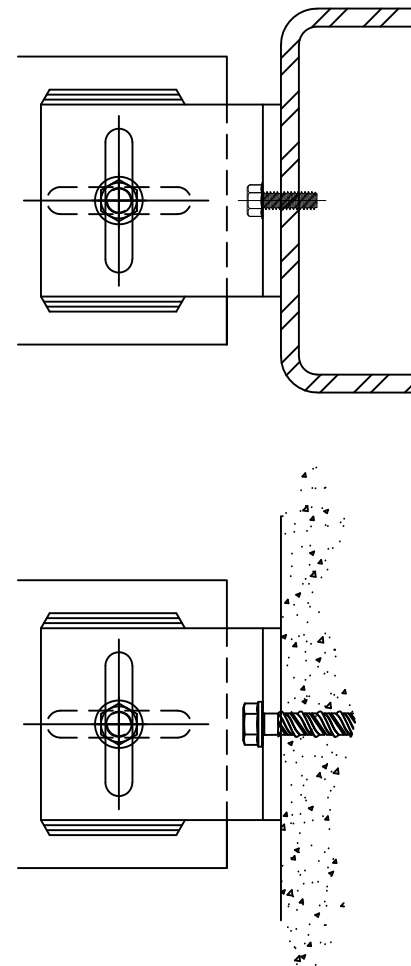
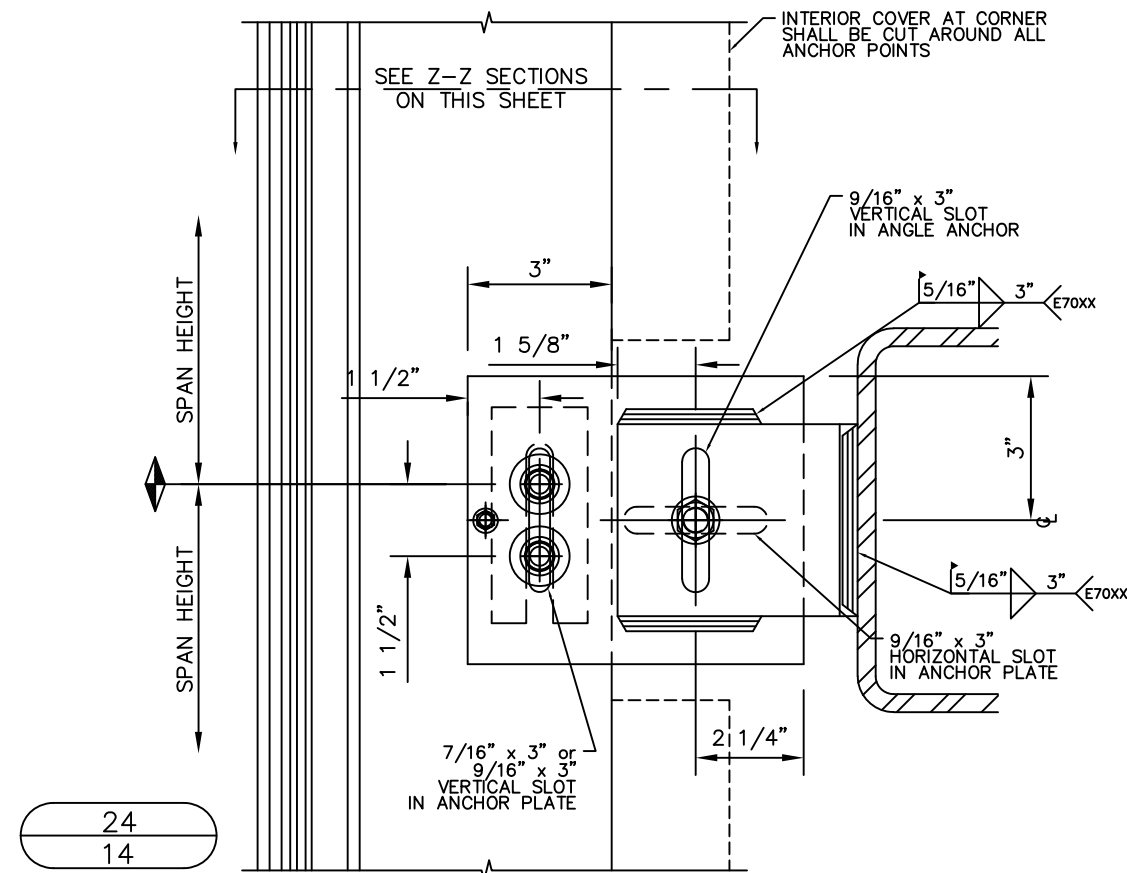
PRODUCT:
**CLEARWALL
CURTAINWALL
SYSTEM**

DWG: **CLRWL-IR**

SECTION: **6**

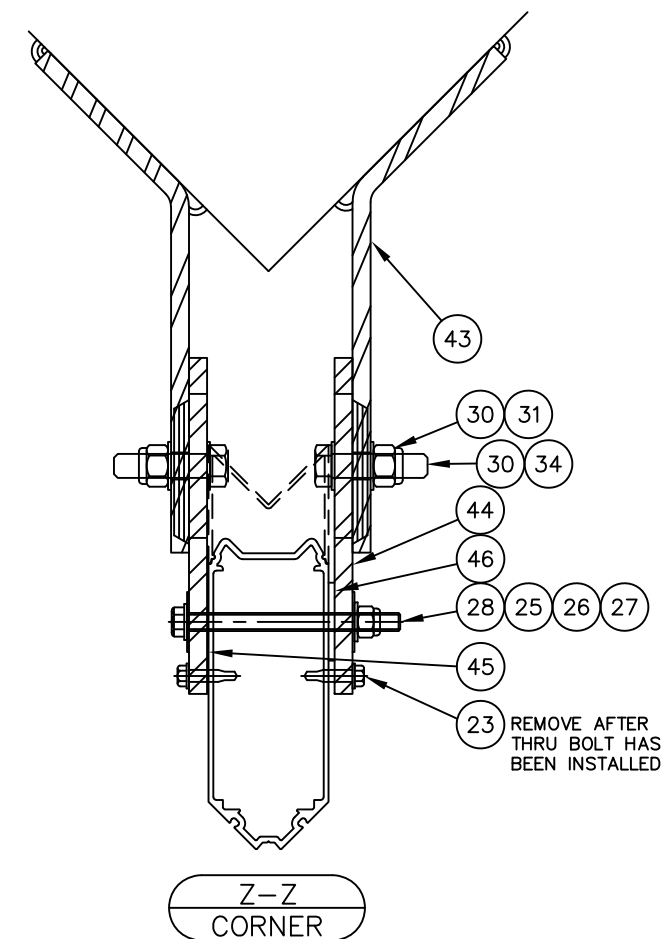
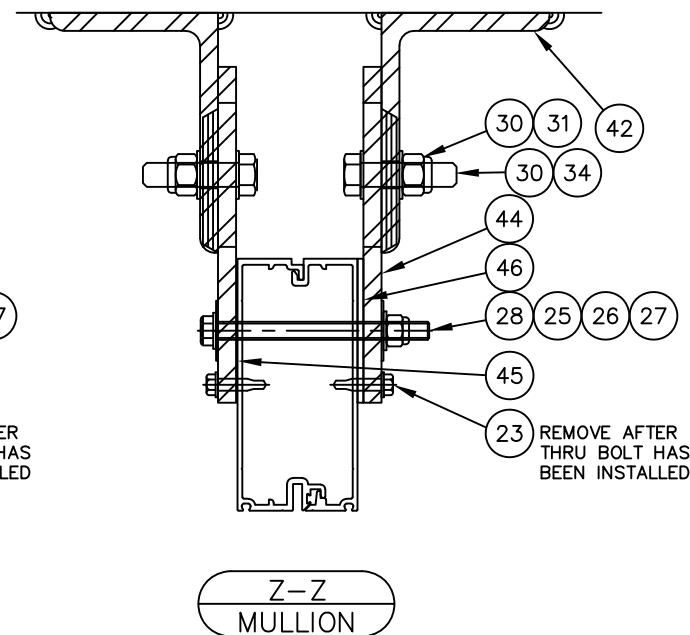
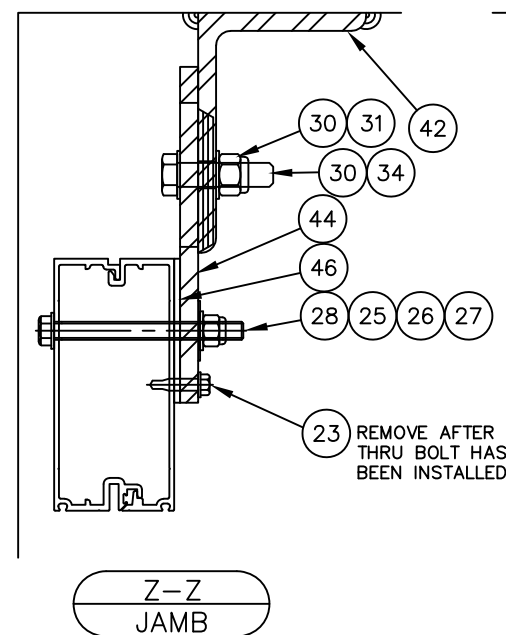
SHEET: **13/16**

MID-SPAN ANCHOR DETAILS



MID-SPAN ANCHOR SCHEDULE			
MULLION BOLTS			
	FASTENER TYPE	MAX. ANCHOR REACTION	
	3/8" DIA. HH BOLT, LOCK-NUT & WASHERS ((2) PER MULLION, 300 SERIES SS MIN)	2180 lb.	
	1/2" DIA. HH BOLT, LOCK-NUT & WASHERS ((2) PER MULLION, 300 SERIES SS MIN)	3754 lb.	
STEEL ANCHOR PLATE TO STEEL ANGLE BOLTS			
	FASTENER TYPE	MAX. ANCHOR REACTION	
	1/2" DIA. HH BOLT, LOCK-NUT & WASHERS ((1) PER ANGLE, 300 SERIES SS MIN)	3754 lb.	
STEEL ANGLE TO BASE MATERIAL			
BASE MATERIAL	FASTENER TYPE	EMBEDMENT (MIN)	EDGE DISTANCE (MIN)
CONCRETE (3000 psi MIN)	1/2" DIA. DEWALT SCREWBOLT+ ((1) PER ANGLE)	3 1/2"	4"
	1/2" DIA. HILT KWIK HUS-EZ ((1) PER ANGLE)	3 1/2"	4"
STEEL (1/4" Thick, 36 ksi MIN.)	1/2" DIA. DEWALT TAP-FLEX ((1) PER ANGLE) 1/2" DIA. F-TYPE THREAD FORMING SCREW ((1) PER ANGLE, SAE Gr. 5 MIN) 1/2" DIA. THRU-BOLT, LOCK-NUT, & WASHERS ((1) PER ANGLE, 300 SERIES SS MIN)	FULL ¹	1 1/4"

1. FASTENER THREADS MUST FULLY PENETRATE THE WALL THICKNESS OF THE STEEL, WITH 3 ADDITIONAL THREADS BEYOND, FOR FULL EMBEDMENT.



A circular professional engineer seal for Scott Wolters, License No. 62354, State of Florida. The seal includes the text "SCOTT WOLTERS", "LICENSE", "No 62354", "STATE OF FLORIDA", and "PROFESSIONAL ENGINEER". A signature is written across the center, and the date "OCT 18, 2029" is stamped on the right side.

SEAL:

SCOTT WOLTERS
FL PE # 62354

WOLTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD N
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PH/FAX: (561) 225-1982

PRODUCT:
**CLEARWALL
CURTAINWALL
SYSTEM**

DWG: CLRWL-IR

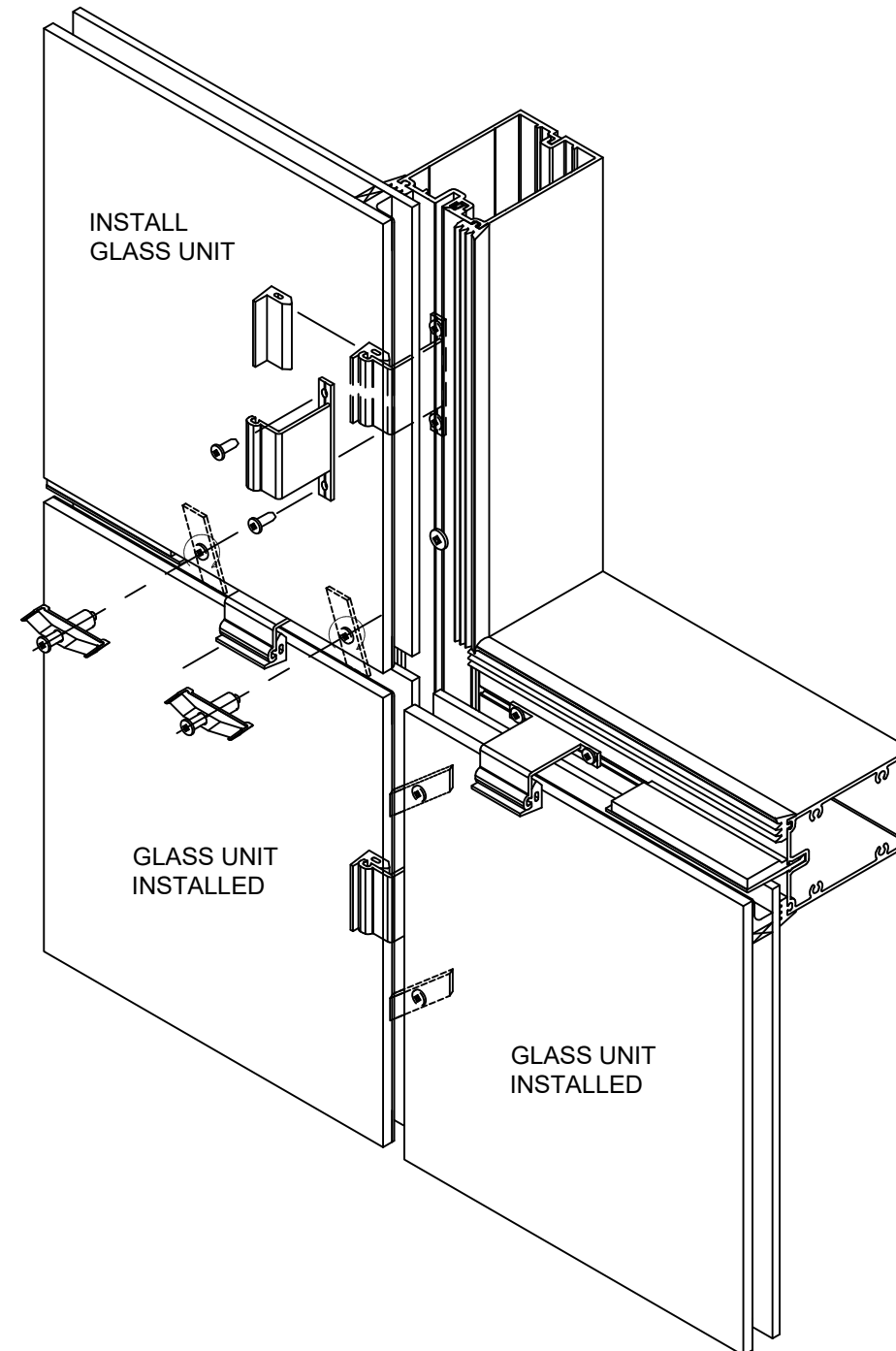
SECTION: 6
SHEET: 14/16

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-	CODING UPDATE	2	10/18/26
DRAFTING REVISION	1	4/13/21	
1ST SUBMITTAL		-	10/12/20

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TOGGLE LOCATION ISOMETRIC



TOGGLE LOCATIONS ARE TO BE NO MORE THAN 3" FROM THE CORNER OF THE GLASS ASSEMBLY AND A MAXIMUM OF 6" ON CENTER.

MAXIMUM GLAZING TEMPORARY SPACING IS 24" ON CENTER.

SEAL: SCOTT WOLTERS FL PE# 62354 WOLTERS ENGINEERING (COA# 27194) 15211 97TH ROAD N WEST PALM BEACH, FL 33412 PH/FAX: (561) 225-1982 													
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		CODE UPDATE		2		10/18/26							
		DRAFTING REVISION		1		4/13/21							
		1ST SUBMITTAL				10/12/20							
		PRINTS ISSUED FOR		REV #		DATE							
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PRODUCT: CLEARWALL CURTAINWALL SYSTEM													
DWG: CLRWL-IR													
SECTION: 7													
SHEET: 16/16													