

TABLE 1: PANEL SPAN SCHEDULES

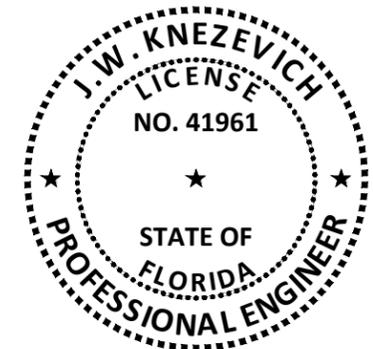
0.050 ALUMINUM PANELS			0.0615 ALUMINUM PANELS		
POSITIVE OR NEGATIVE ASD WINDLOAD 'W' (PSF)	L max. FOR POSITIVE ASD WINDLOAD	L max. FOR NEGATIVE ASD WINDLOAD	POSITIVE OR NEGATIVE ASD WINDLOAD 'W' (PSF)	L max. FOR POSITIVE ASD WINDLOAD	L max. FOR NEGATIVE ASD WINDLOAD
23	144"	144"	27.5	144"	144"
25	141"	144"	30	143"	144"
30	135"	144"	35	138"	144"
35	130"	144"	40	133"	144"
40	126"	143"	45	129"	144"
45	122"	135"	50	126"	139"
50	119"	128"	55	123"	132"
55	116"	122"	60	120"	127"
60	111"	117"	65	118"	122"
65	107"	112"	70	116"	117"
70	103"	108"	75	113"	113"
75	96"	104"	80	109"	109"
80	90"	99"	85	106"	106"
85	84"	93"	90	102"	102"
90	80"	88"	95	96"	96"
95	75"	83"	100	91"	91"
100	72"	79"	110	83"	83"
110	65"	72"	120	76"	76"
120	60"	66"	130	N.A.	70"
130	N.A.	61"	140	N.A.	65"
140	N.A.	56"	150	N.A.	61"
150	N.A.	52"			

TABLE 2: MINIMUM SEPARATION FROM GLASS SCHEDULES

0.050 ALUMINUM PANELS				0.0615 ALUMINUM PANELS			
POSITIVE ASD WINDLOAD 'W' (PSF)	SHUTTER SPAN 'L'	MINIMUM SEPARATION FROM GLASS		POSITIVE ASD WINDLOAD 'W' (PSF)	SHUTTER SPAN 'L'	MINIMUM SEPARATION FROM GLASS	
		INSTALLATIONS ≤ 30' ABOVE GRADE	INSTALLATIONS > 30' ABOVE GRADE			INSTALLATIONS ≤ 30' ABOVE GRADE	INSTALLATIONS > 30' ABOVE GRADE
30	72"	3"	1-3/8"	27.5	72"	3"	1-1/2"
	104"	3"	2"		104"	3"	1-7/8"
	135"	5"	3-1/4"		144"	4-1/8"	3-1/8"
40	72"	3"	1-1/2"	40	72"	3"	1-1/2"
	104"	3"	2-1/8"		104"	3"	2"
	126"	5"	3-1/4"		133"	4-1/8"	3-1/4"
50	72"	3"	1-1/2"	50	72"	3"	1-1/2"
	104"	3"	2-3/8"		104"	3"	2-1/4"
	119"	5"	3-1/4"		126"	4-1/8"	3-1/4"
60	72"	3"	1-5/8"	60	72"	3"	1-5/8"
	104"	3"	2-5/8"		104"	3"	2-3/8"
	111"	5"	3"		120"	4-1/8"	3-1/4"
70	72"	3"	1-5/8"	70	72"	3"	1-5/8"
	103"	3"	2-3/4"		104"	3"	2-5/8"
	72"	3"	1-5/8"		116"	4-1/8"	3-1/4"
80	90"	3"	2-1/4"	80	72"	3"	1-5/8"
	60"	3"	1-1/2"		104"	3"	2-3/4"
	80"	3"	2"		109"	4-1/8"	3-1/8"
100	60"	3"	1-1/2"	90	60"	3"	1-1/2"
	72"	3"	1-3/4"		102"	3"	2-7/8"
	48"	3"	1-3/8"		60"	3"	1-1/2"
110	65"	3"	1-5/8"	100	91"	3"	2-3/8"
	48"	3"	1-3/8"		60"	3"	1-1/2"
	60"	3"	1-1/2"		48"	3"	1-3/8"
120	48"	3"	1-3/8"	110	83"	3"	2-1/8"
	60"	3"	1-1/2"		48"	3"	1-3/8"
					76"	3"	2"

TABLE 1 & 2 NOTES:

- SEE SECTIONS FOR SHUTTER SPAN DEFINITION.
- FOR TABLE 1, DETERMINE BOTH THE POSITIVE AND NEGATIVE ASD WIND LOAD. CHECK THE MAX SPAN FOR EACH AND USE THE LESSER OF THE TWO VALUES.
- FOR DESIGN LOADS BETWEEN TABULATED VALUES, USE NEXT HIGHER LOAD TO DETERMINE ALLOWABLE SPAN.
- FOR TABLE 2, ENTER AT A POSITIVE LOAD ≥ PROJECT POSITIVE LOAD AND SPAN ≥ PROJECT SPAN TO DETERMINE MINIMUM SHUTTER SEPARATION FROM GLASS.



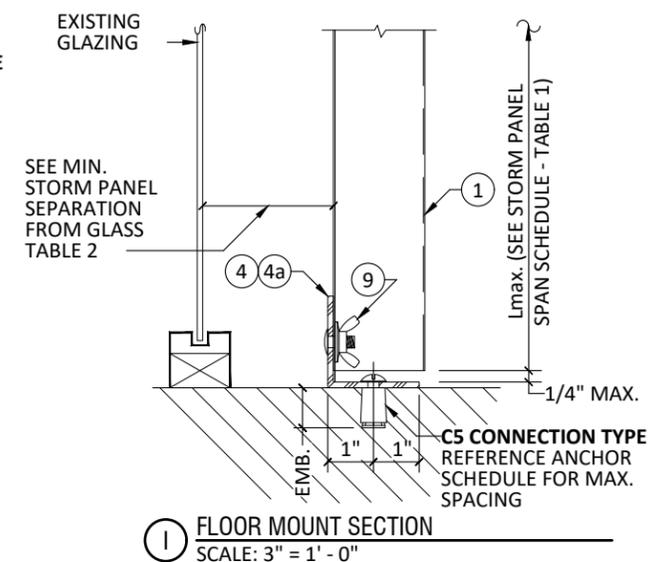
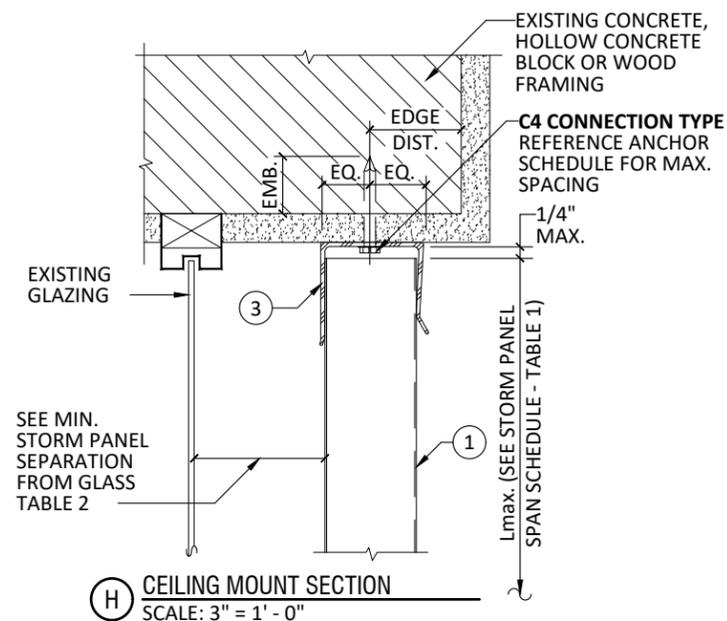
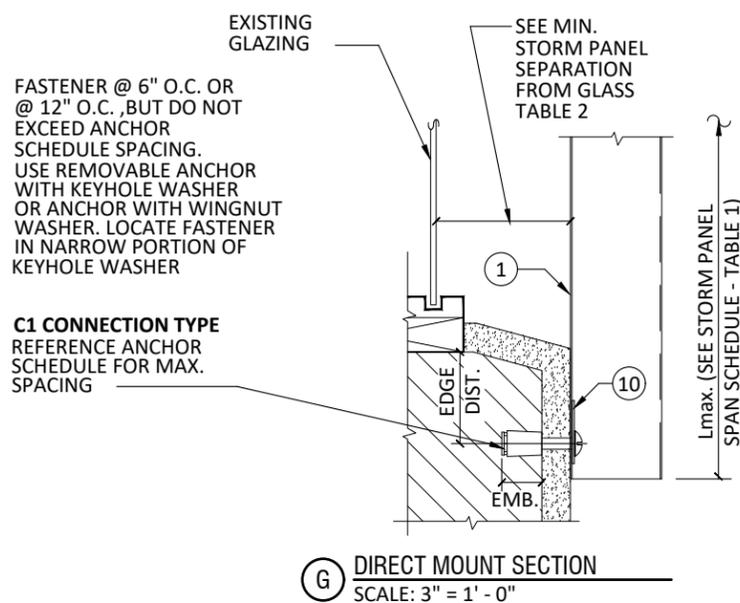
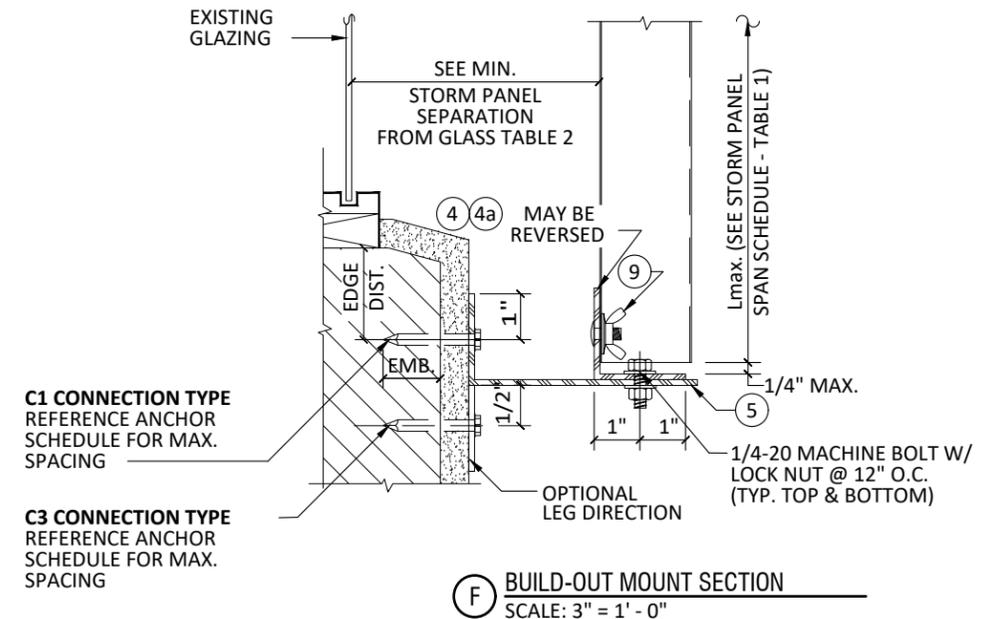
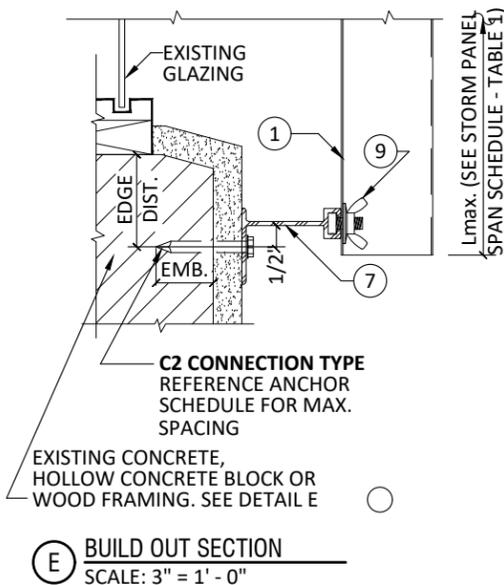
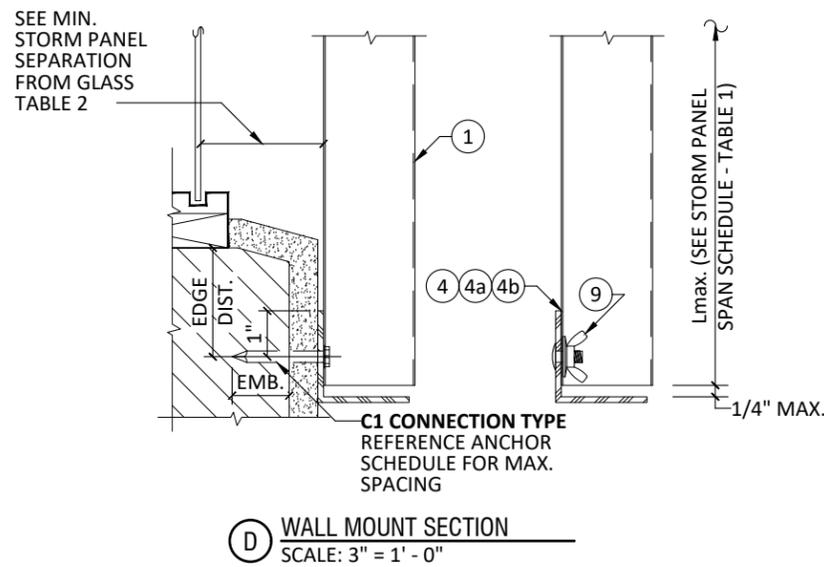
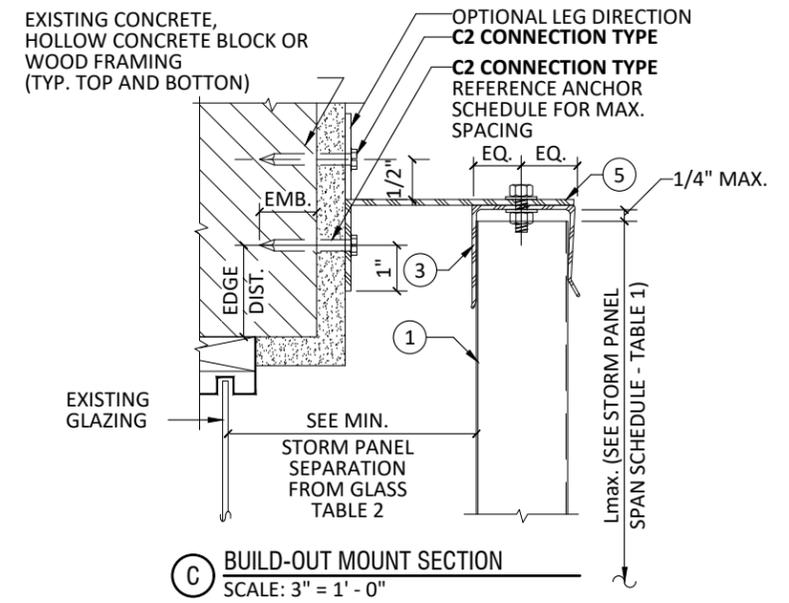
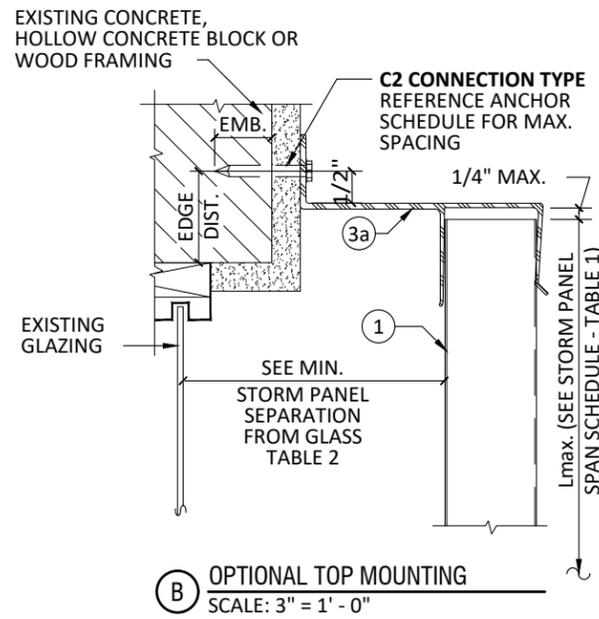
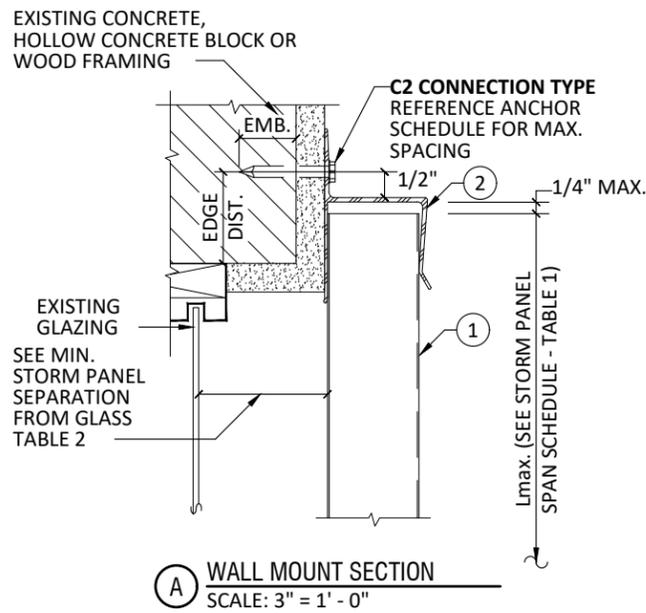
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0	9/25/2023	JWK	FBC 2023 Update; formerly KC20-0414

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Revisions	
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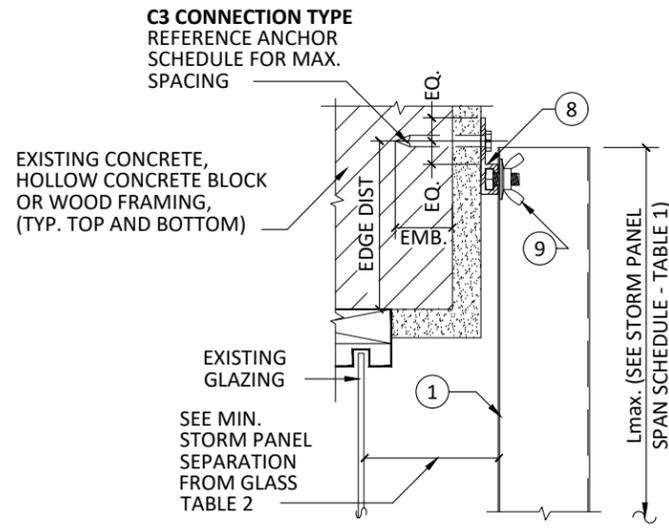
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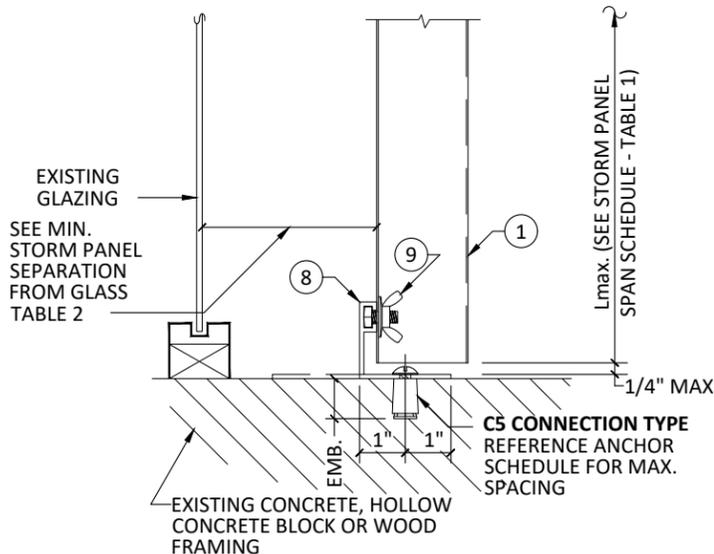
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Drawing No. **KC23-0711**
 sheet 3 of 8

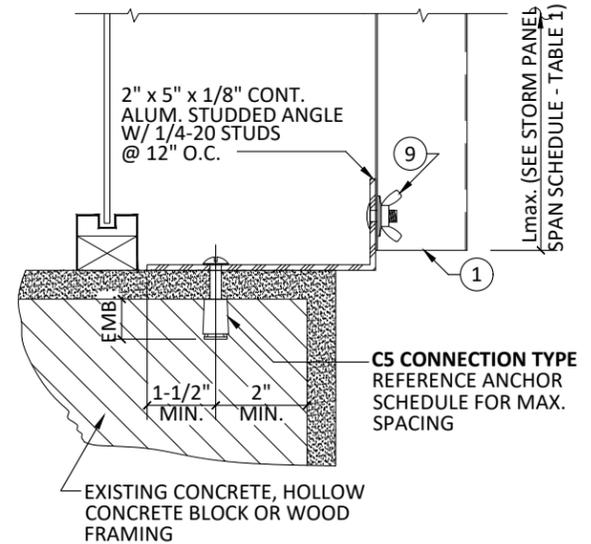




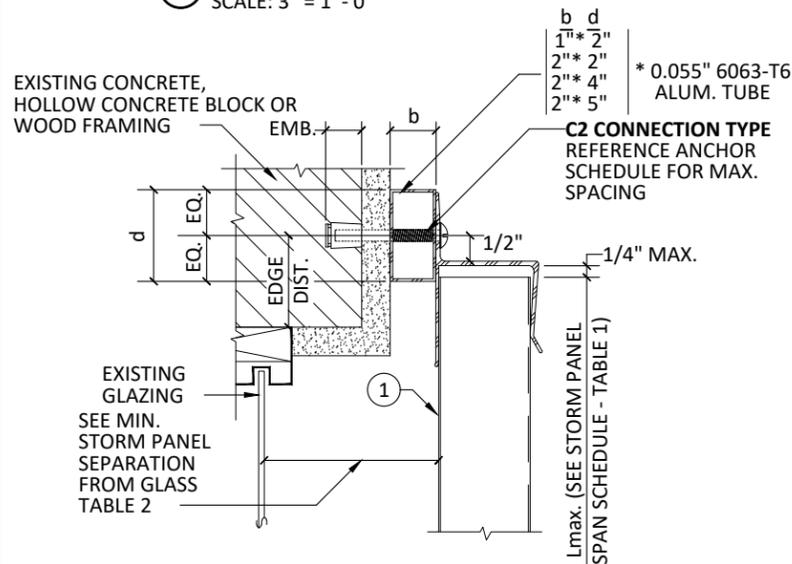
J "F" TRACK MOUNT SECTION
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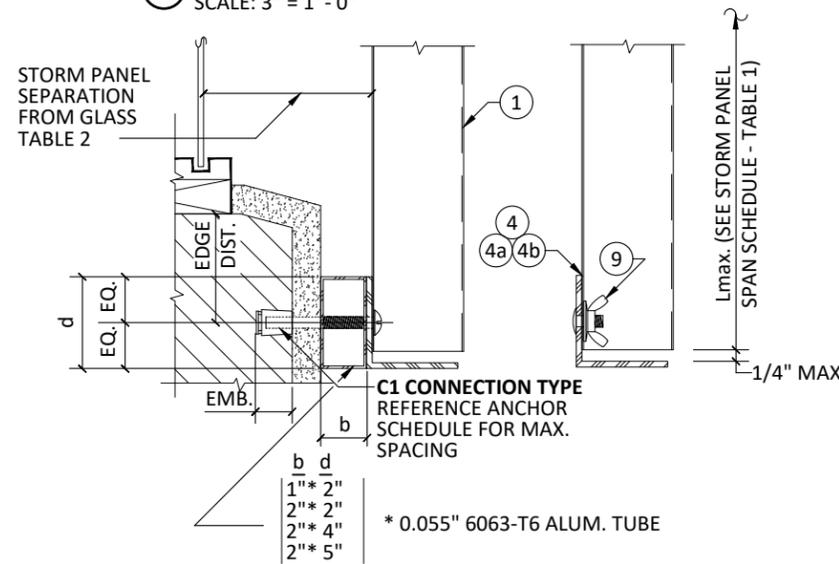
K FLOOR MOUNT SECTION
SCALE: 3" = 1' - 0"



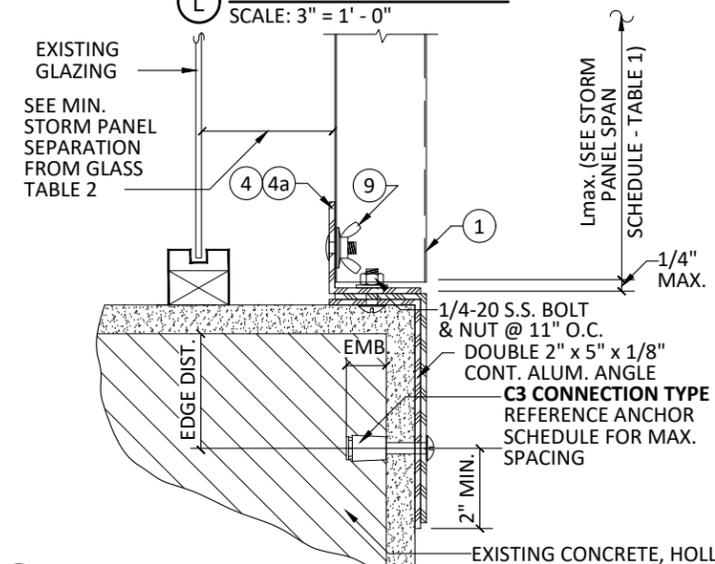
L BUILD-OUT SECTION
SCALE: 3" = 1' - 0"



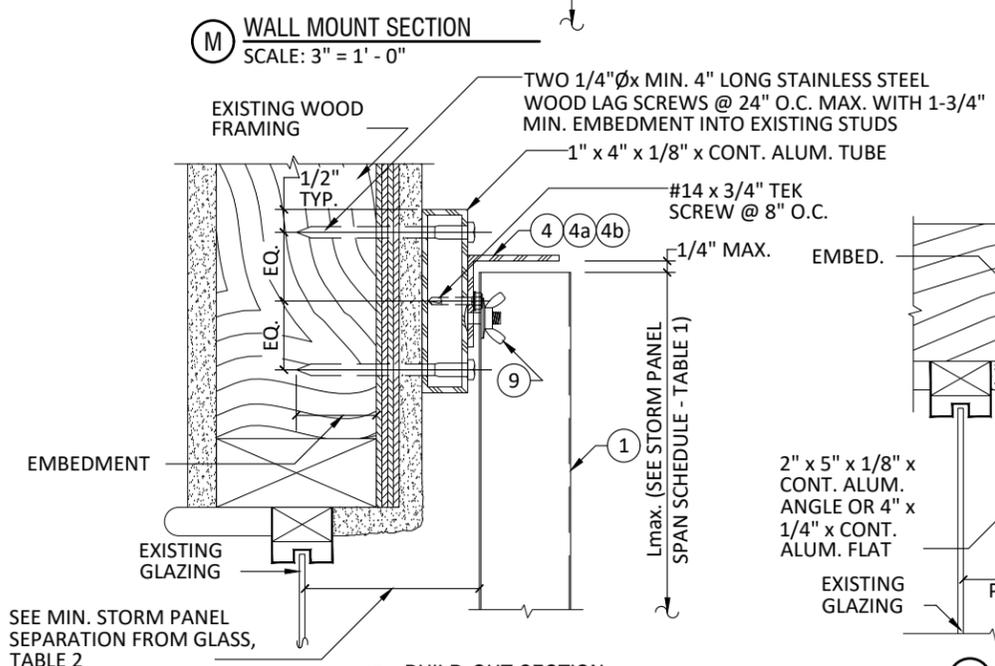
M WALL MOUNT SECTION
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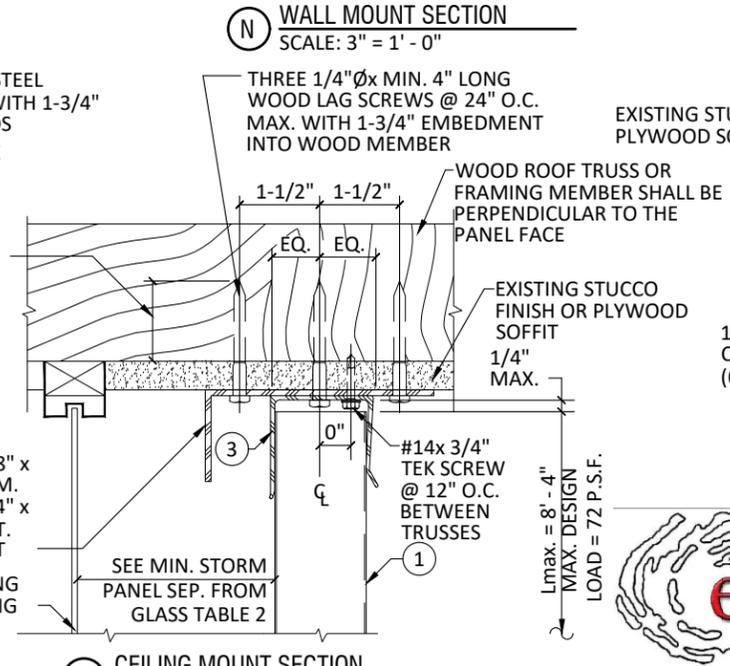
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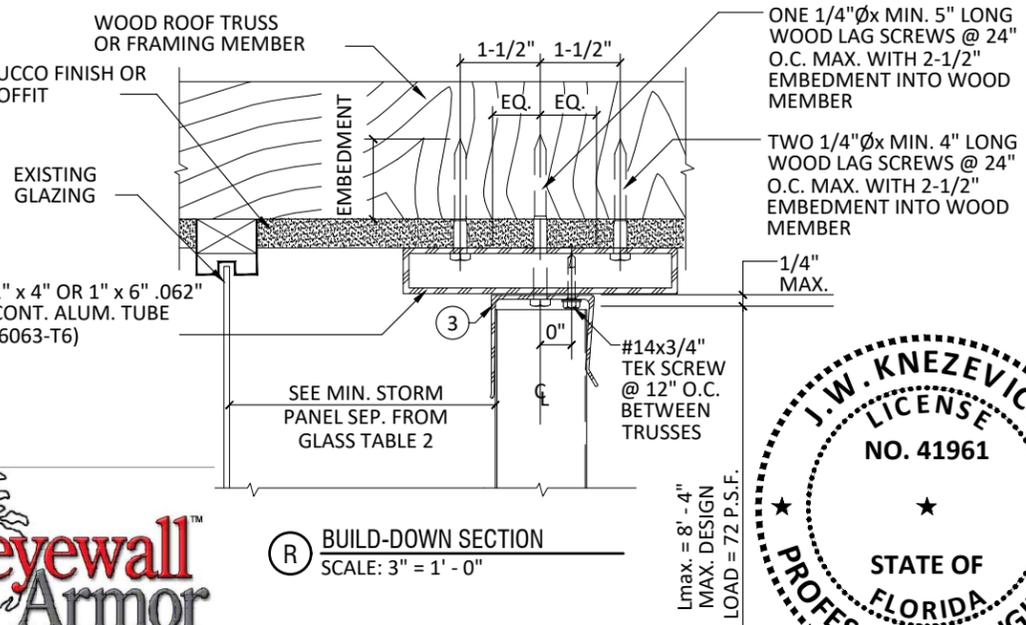
O INSIDE MOUNT SECTION
SCALE: 3" = 1' - 0"



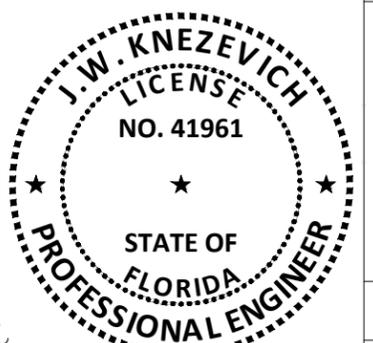
P BUILD-OUT SECTION
SCALE: 3" = 1' - 0"



Q CEILING MOUNT SECTION
SCALE: 3" = 1' - 0"



R BUILD-DOWN SECTION
SCALE: 3" = 1' - 0"



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Revisions	description	by	date	no
	JWK	9/25/2023	0	

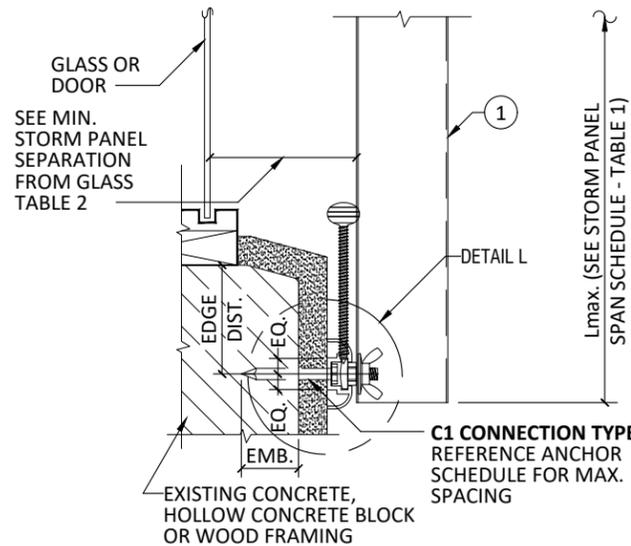
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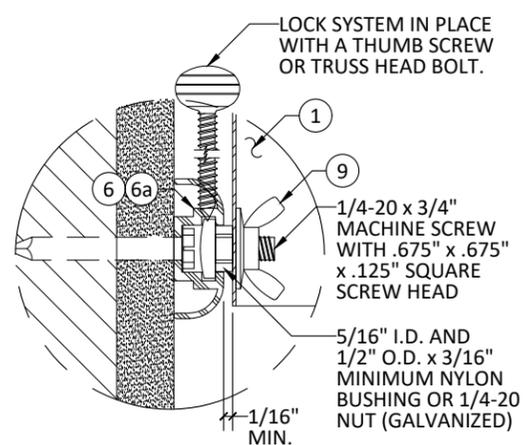
Drawing No. **KC23-0711**
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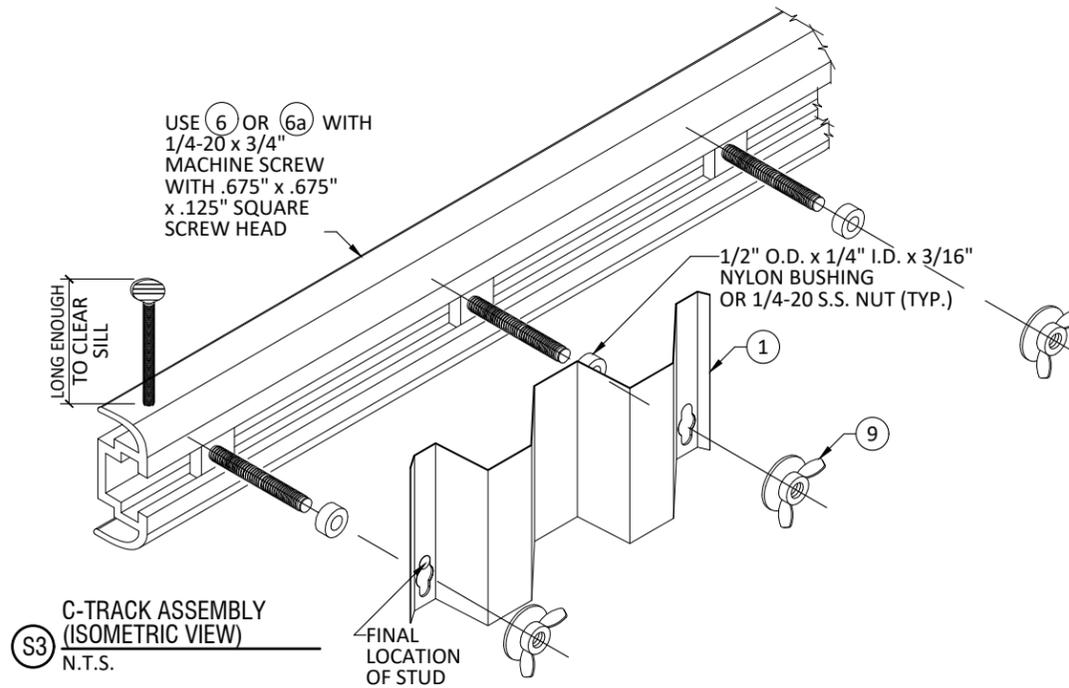
S1 C-TRACK ASSEMBLY - INSIDE MOUNT
SCALE: 3" = 1'-0"

NOTE:

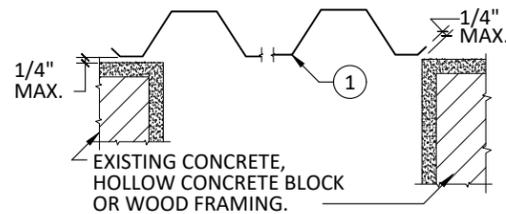
Use of inside mount detail with C-Track shall be in conjunction with an "h" header or "U" header top mount



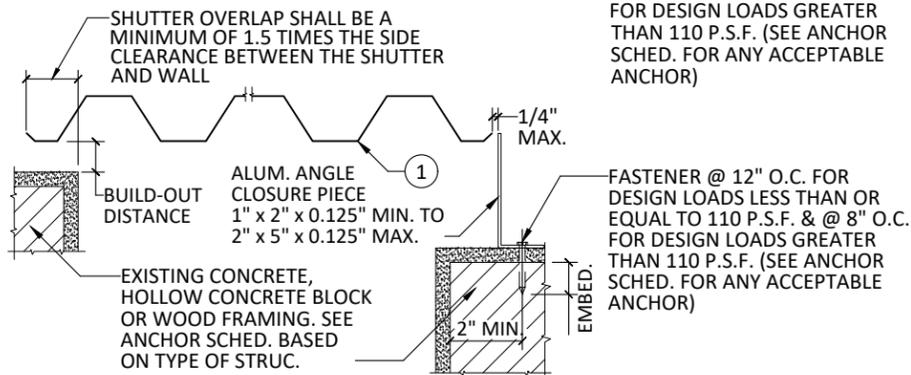
S2 C-TRACK BLOW UP
SCALE: HALF SIZE



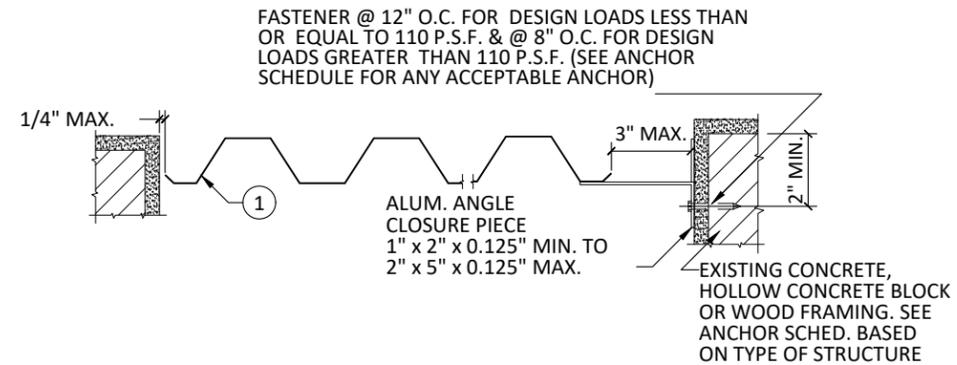
S3 C-TRACK ASSEMBLY (ISOMETRIC VIEW)
N.T.S.



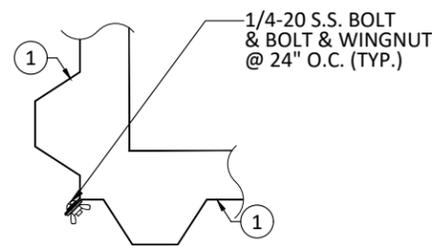
T1 WALL MOUNT CLOSURE DETAIL
SCALE: 1-1/2" = 1'-0"



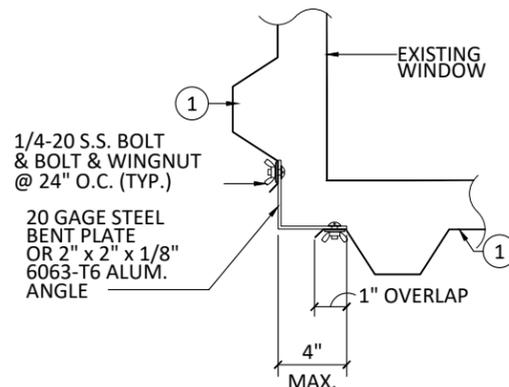
T2 BUILD-OUT MOUNT CLOSURE DETAIL
SCALE: 1-1/2" = 1'-0"



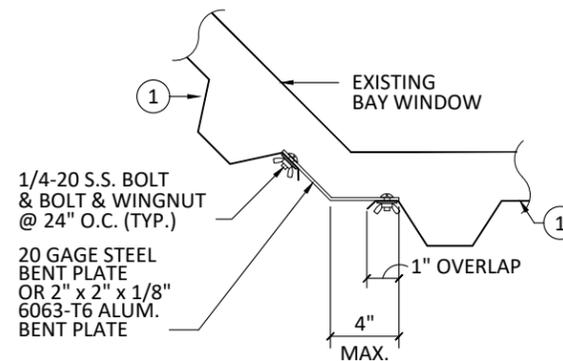
T3 TRAP MOUNT CLOSURE DETAIL
SCALE: 1-1/2" = 1'-0"



U1 CORNER CLOSURE DETAIL
SCALE: 1-1/2" = 1'-0"



U2 CORNER CLOSURE DETAIL
SCALE: 1-1/2" = 1'-0"



U3 CORNER CLOSURE DETAIL
SCALE: 1-1/2" = 1'-0"

DESIGN LOADS LESS THAN OR EQUAL TO 110 P.S.F. & @ 8" O.C. FOR DESIGN LOADS GREATER THAN 110 P.S.F. (SEE ANCHOR SCHED. FOR ANY ACCEPTABLE ANCHOR)

FASTENER @ 12" O.C. FOR DESIGN LOADS LESS THAN OR EQUAL TO 110 P.S.F. & @ 8" O.C. FOR DESIGN LOADS GREATER THAN 110 P.S.F. (SEE ANCHOR SCHEDULE FOR ANY ACCEPTABLE ANCHOR)

no	date	by	description
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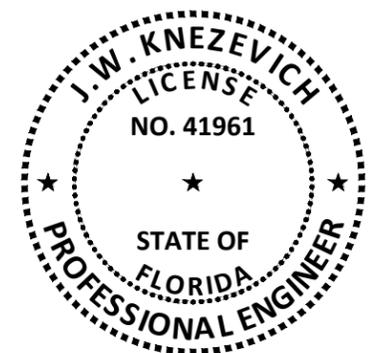
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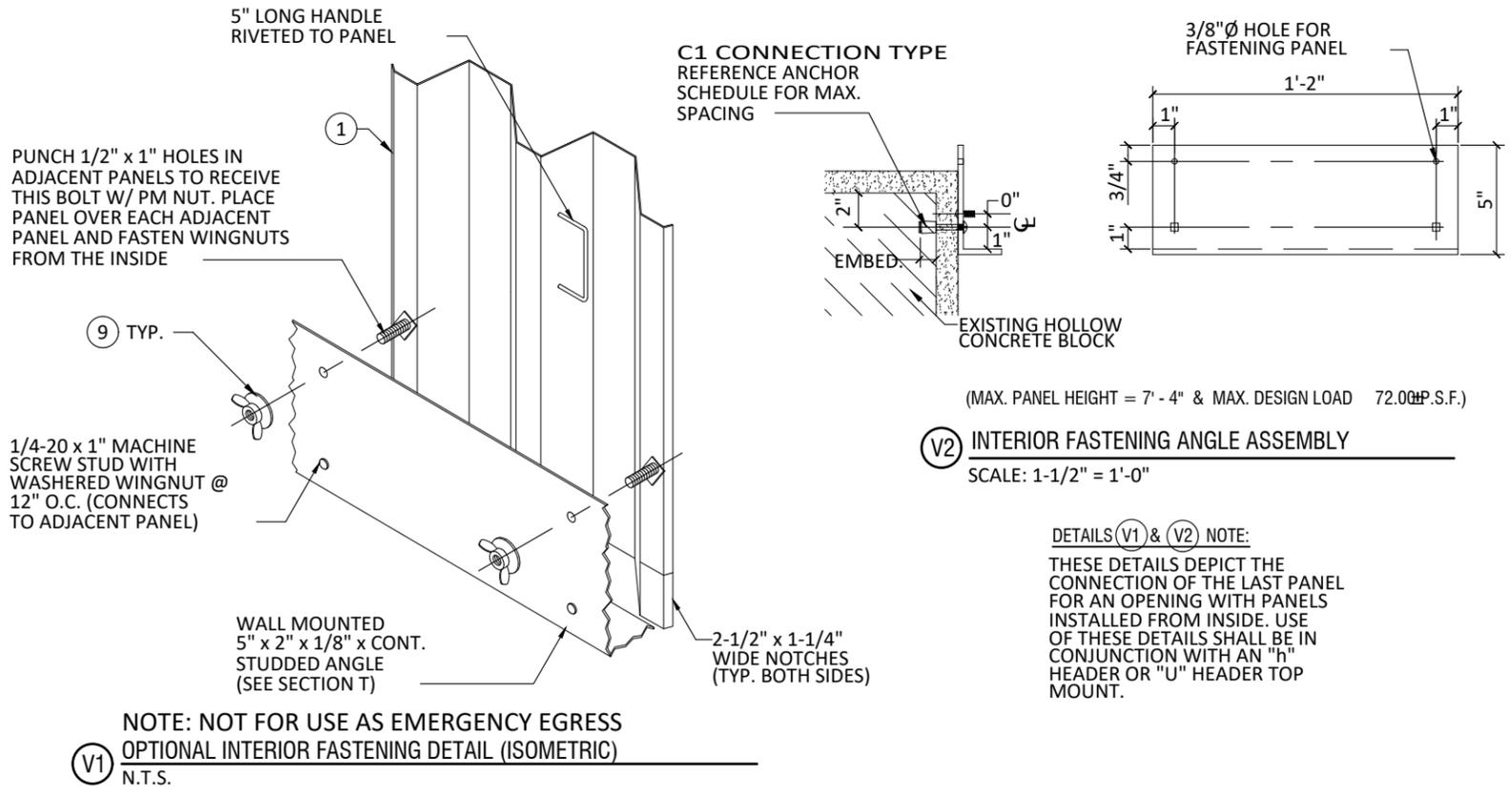
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Drawing No. **KC23-0711**
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ANCHOR SCHEDULE																		
FASTENER MAXIMUM SPACING (INCHES) REQUIRED FOR VARIOUS DESIGN LOADS AND SPANS																		
EXIST. STRUC.	ANCHOR TYPE	MAX LOAD (PSF) SEE NOTE 1	SPANS UP TO 5'-0" (SEE NOTE 1)					SPANS UP TO 9'-0" (SEE NOTE 1)					SPANS UP TO 12'-0" (SEE NOTE 1)					
			CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					
WOOD	<p>1/4" Ø Lag Screw or Hanger Bolt w/ min 1.75" penetration in Wood with G ≥ 0.55</p>	W	0.75" Edge Distance															
			48.0	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5
			62.0	16	16	13	8	7	16	11	7	4	4	16	8	5	3	3
			76.0	16	16	10	7	6	16	9	6	4	3	16	8	5	3	3
			90.0	16	14	9	6	5	16	8	5	3	3	16	8	5	3	3
			120.0	16	10	6	4	3	16	8	5	3	3	16	8	5	3	3
	<p>1/4" Ø Lag Screw or Hanger Bolt w/ min 1.75" penetration in Wood with G ≥ 0.42</p>	W	0.75" Edge Distance															
			48.0	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5
			62.0	16	13	8	7	5	15	7	4	4	3	11	5	3	3	
			76.0	16	11	7	5	4	12	6	3	3		11	5	3		
			90.0	16	9	6	5	4	11	5	3			11	5	3		
			120.0	14	7	4	3	3	11	5	3			11	5	3		
<p>7/16" Ø Brass Wood Bushing w/ 7/8" embed in Wood with G ≥ 0.55 5/16" φ pre-drilled hole</p>	W	0.75" Edge Distance																
		48.0	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	
		62.0	16	8	5			9	4				7	3				
		76.0	13	6	4			7	3				5					
		90.0	10	5	3			6					5					
		120.0	9	4				5					5					
<p>1/4" Ø Dewalt / Eco Panelmate Pro or Female ID w/ Stalgard Finish w/ 1-7/8" embed in Wood with G ≥ 0.55</p>	W	0.75" Edge Distance																
		48.0	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	
		62.0	16	16	16	16	16	16	16	11	13	10	16	13	8	10	7	
		76.0	16	16	15	16	14	16	13	8	10	7	16	10	6	7	5	
		90.0	16	16	12	15	11	16	11	7	8	6	16	9	6	7	5	
		120.0	16	16	10	12	9	16	9	6	7	5	16	9	6	7	5	
<p>1/4" Ø E.A. Male, Female or Hex Head Bolt w/ min 2" embed in wood Shear or ⊥ to grain; G = 0.42</p>	W	.75" Edge Distance																
		48.0	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	
		62.0	16	16	16	16	16	16	16	10	12	9	16	12	8	9	6	
		76.0	16	16	15	16	12	16	13	8	9	7	16	9	6	7	5	
		90.0	16	16	12	13	10	16	10	6	7	5	16	9	6	6	5	
		120.0	16	16	10	11	8	16	9	6	6	5	16	9	6	6	5	



ANCHOR NOTES:
See Sheet 7 for Anchor Notes.

ANCHOR SCHEDULE																		
FASTENER MAXIMUM SPACING (INCHES) REQUIRED FOR VARIOUS DESIGN LOADS AND SPANS																		
EXIST. STRUC.	ANCHOR TYPE	MAX LOAD (PSF) SEE NOTE 1	SPANS UP TO 5'-0" (SEE NOTE 1)					SPANS UP TO 9'-0" (SEE NOTE 1)					SPANS UP TO 12'-0" (SEE NOTE 1)					
			CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					
WOOD	<p>#14 Stainless Steel Wood Screw or #14-10 Stainless Steel SMS w/ 1.5" embed in Wood with G ≥ 0.55</p>	W	0.75" Edge Distance															
			48.0	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5
			62.0	16	16	12	12	9	16	11	7	7	5	16	8	5	5	4
			76.0	16	15	9	9	7	16	8	5	5	4	13	6	4	4	3
			90.0	16	12	8	7	6	14	7	4	4	3	13	6	4	3	3
			120.0	16	10	6	6	5	13	6	4	3	3	13	6	4	3	3
	<p>#14 Stainless Steel Wood Screw or #14-10 Stainless Steel SMS w/ 1.5" embed in Wood with G ≥ 0.42</p>	W	0.75" Edge Distance															
			48.0	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5
			62.0	16	11	7	9	6	13	6	4	5	3	10	4	3	3	
			76.0	16	8	5	7	5	10	4	3	4	3	7	3		3	
			90.0	15	7	4	6	4	8	4		3		7	3			
			120.0	12	6	3	5	3	7	3				7	3			



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Revisions	description	by	date	no
	JWK FBC 2023 Update; formerly KC20-0414	JWK	9/25/2023	0

Scale: AS NOTED
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Date: 9/25/2023

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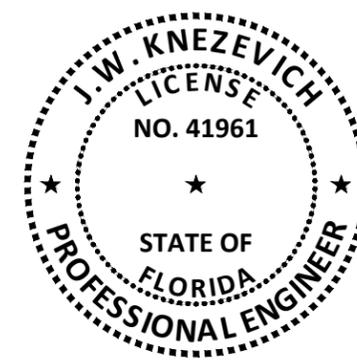
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Drawing No. **KC23-0711**
sheet 6 of 8

		ANCHOR SCHEDULE																																			
		FASTENER MAXIMUM SPACING (INCHES) REQUIRED FOR VARIOUS DESIGN LOADS AND SPANS																																			
EXIST. STRUC.	ANCHOR TYPE	MAX LOAD (PSF) SEE NOTE 1	SPANS UP TO 5'-0" (SEE NOTE 1)					SPANS UP TO 9'-0" (SEE NOTE 1)					SPANS UP TO 12'-0" (SEE NOTE 1)					SPANS UP TO 5'-0" (SEE NOTE 1)					SPANS UP TO 9'-0" (SEE NOTE 1)					SPANS UP TO 12'-0" (SEE NOTE 1)									
			CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)									
			1.5" Edge Distance					3" Edge Distance					1.25" Edge Distance					2.5" Edge Distance					1.5" Edge Distance					3" Edge Distance									
		W	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5
CONCRETE		48.0	16	16	14	16	16	16	12	8	15	11	16	9	6	11	8	16	16	15	16	16	16	13	8	16	14	16	10	6	15	10					
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	76.0	16	14	9	16	13	16	7	5	9	7	14	7	4	8	6	16	15	9	16	16	16	8	5	13	9	15	7	4	12	8						
	90.0	16	11	7	15	11	14	7	4	8	6	14	7	4	8	6	16	13	8	16	14	15	7	4	12	8	15	7	4	12	8						
	120.0	16	8	5	11	8	14	7	4	8	6	14	7	4	8	6	16	9	6	15	10	15	7	4	12	8	15	7	4	12	8						
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	120.0	14	7	4	7	5	11	5	5	4	11	5	5	4	16	8	5	16	9	13	6	4	12	7	13	6	4	12	7								
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76.0	16	16	10	10	9	16	8	5	5	5	16	7	5	5	4	16	16	12	16	16	16	10	6	14	10	16	9	5	12	9							
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120.0	16	10	6	6	5	16	7	5	5	4	16	7	5	5	4	16	11	7	16	11	16	9	5	12	9	16	9	5	12	9							
48.0	16	15	10	15	10	16	8	5	8	5	13	6	4	6	4	16	16	16	16	16	16	14	9	16	13	16	10	7	16	9							
62.0	16	12	7	11	8	14	6	4	6	4	10	5	3	4	3	16	16	13	16	16	16	11	7	16	10	16	8	5	12	7							
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90.0	16	7	5	11	6	9	4	6	4	9	4	6	4	16	15	10	16	13	16	9	5	13	8	16	9	5	13	8									
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120.0	13	6	4	6	4	10	4	3	4	3	10	4	3	4	3	13	6	4	13	7	10	4	3	10	6	10	4	3	10	6							

		ANCHOR SCHEDULE																														
		FASTENER MAXIMUM SPACING (INCHES) REQUIRED FOR VARIOUS DESIGN LOADS AND SPANS																														
EXIST. STRUC.	ANCHOR TYPE	MAX LOAD (PSF) SEE NOTE 1	SPANS UP TO 5'-0" (SEE NOTE 1)					SPANS UP TO 9'-0" (SEE NOTE 1)					SPANS UP TO 12'-0" (SEE NOTE 1)					SPANS UP TO 5'-0" (SEE NOTE 1)					SPANS UP TO 9'-0" (SEE NOTE 1)					SPANS UP TO 12'-0" (SEE NOTE 1)				
			CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)				
			2.5 Edge Distance					2.0" Edge Distance					2.5 Edge Distance					2.0" Edge Distance					2.5 Edge Distance					2.0" Edge Distance				
		W	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5
CONCRETE		48.0	16	16	16	16	16	16	14	9	16	14	16	16	16	12	8	15	10	16	16	11	7	15	11	16	11	7	15	11		
	62.0	16	16	13	16	16	16	11	7	15	11	16	8	5	11	8																
	76.0	16	16	10	16	16	16	9	6	13	9	16	8	5	11	8																
	90.0	16	14	9	16	14	16	8	5	11	8																					
	120.0	16	10	6	14	10	16	8	5	11	8																					
	48.0	16	16	14	16	16	16	12	8	15	10	16	9	6	11	7																
	62.0	16	16	11	16	14	16	9	6	12	7	15	7	4	9	5																
	76.0	16	14	9	16	14	16	7	5	9	6	14	7	4	8	5																
	90.0	16	12	7	15	9	14	7	4	8	5	14	7	4	8	5																
	120.0	16	9	5	11	7	14	7	4	8	5	14	7	4	8	5																
48.0	16	16	16	16	16	16	15	9	16	11	16	11	7	12	8																	
62.0	16	16	13	16	15	16	11	7	12	8	16	8	5	9	6																	
76.0	16	16	11	16	12	16	9	6	10	7	16	8	5	9	6																	
90.0	16	14	9	15	10	16	8	5	9	6	16	8	5	9	6																	
120.0	16	11	7	11	8	16	8	5	9	6	16	8	5	9	6																	

- ANCHOR NOTES:**
- Spans and loads shown here are for determining anchor spacing only. Allowable shutter spans for specific loads must be limited to those shown in Table 1 on Sheet 2.
 - An Effective Wind Area of 10 ft² shall be used for determining wind loads for anchors.
 - See mounting section details for identification of Connection Type.
 - Enter Anchor Schedule based on the existing structure material, anchor type and edge distance. Select Design Load greater than or equal to Negative Design Load on shutter and select Span greater than or equal to Shutter Span.
 - Existing structure may be concrete, ASTM C90 hollow or grout filled concrete block, or wood framing. Reference Anchor Schedule for proper anchor type based on type of existing structure.
 - Anchor shall be installed in accordance with manufacturers' recommendations.
 - Minimum embedment and edge distance excludes wall finish or stucco.
 - Where existing structure is post-tensioned concrete, Contractor shall locate cables prior to anchoring and coordinate anchorage such that cables are not damaged.
 - Where existing structure is wood framing, wood framing conditions vary. Field verify that fasteners are into adequate wood framing members, not plywood. Fastening to plywood is acceptable only for side closure pieces.
 - Where lag screws fasten to narrow face of stud framing, fastener shall be located in center of nominal 2" x 4" (min.) wood stud. 3/4" edge distance is acceptable for wood framing. Wood stud shall have a minimum density as noted in Anchor Schedule. Lag screws shall have phillips pan head or hex head.
 - Machine screws shall have minimum of 1/2" engagement of threads in base anchor and may have either a pan head, truss head, or wafer head (sidewalk bolt), u.o.n.
 - designates anchor conditions which are not acceptable uses.
 - * designates anchors which are removable by removing machine screw, nut or washered wingnut.
 - All concrete anchors shall be installed in un-cracked concrete only with minimum concrete strengths as noted in Anchor Schedule.
 - When anchoring to concrete block, SDS and Impact Drills shall not be used to drill into block or to install concrete screws.



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 phone 954-970-9999 * fax 954-970-9988

no	date	by	description
0	9/25/2023	JWK	FBC 2023 Update; formerly KC20-0414

Scale: AS NOTED
 Drawn by: JWK
 Date: 9/25/2023

J.W. Knezevich
 Professional Engineer
 FL License No.: PE 41961

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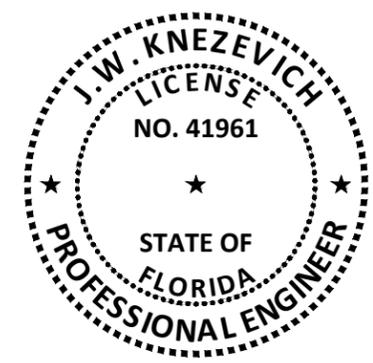
Drawing No. **KC23-0711**
 sheet 7 of 8

		ANCHOR SCHEDULE																														
		FASTENER MAXIMUM SPACING (INCHES) REQUIRED FOR VARIOUS DESIGN LOADS AND SPANS																														
EXIST. STRUC.	ANCHOR TYPE	MAX LOAD (PSF) SEE NOTE 1	SPANS UP TO 5'-0" (SEE NOTE 1)					SPANS UP TO 9'-0" (SEE NOTE 1)					SPANS UP TO 12'-0" (SEE NOTE 1)																			
			CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)																			
			C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5															
Hollow Block		W	2" Edge Distance										4" Edge Distance																			
			48.0	11	5	10	5	6	5	4	4	4	11	5	11	6	6	6	4	4	4											
			62.0	9	4	7	4	5	4				9	4	9	4	5	5														
			76.0	7		6		4					7		7		4															
			90.0	6		5							6		6																	
	120.0	4		4							4		4																			
		W	1.25" Edge Distance										2.5" Edge Distance																			
			48.0	15	7	4	11	6	8	4	6	3	6	3	4	16	8	5	16	8	9	4	3	9	4	7	3	7	3			
			62.0	12	5	3	8	5	6	3	4	5	3			13	6	4	13	6	7	3		7	3	5		5				
			76.0	9	4	3	7	4	5				3	4	3	11	5	3	10	5	6	3	5		6	3	5		5			
			90.0	8	3		5	3	4				3	4	3	9	4		9	4	5		5		5		5		5			
	120.0	6		4		4					3	4	3	7	3		6	3	5		5		5		5		5					
		W	1.25" Edge Distance										3" Edge Distance																			
			48.0	16	7	5	9	6	9	4	5	3	6	3	3	16	15	9	16	13	16	8	5	12	7	13	6	4	9	5		
			62.0	12	6	3	7	4	7	3	4	5	3			16	11	7	16	10	13	6	4	9	5	10	4	3	7	4		
76.0			10	5	3	5	3	5				3	5		16	9	6	14	8	11	5	3	7	4	9	4	3	7	4			
90.0			8	4		4	3	5				5			16	8	5	11	7	9	4	3	7	4	9	4	3	7	4			
120.0	6	3		3	5					5			12	6	3	8	5	9	4	3	7	4	9	4	3	7	4					
	W	1.25" Edge Distance										2.5" Edge Distance																				
		48.0	16	8	5	9	6	9	4	5	7	7	4	16	8	5	16	9	10	4	9	5	7	7	5	6		6				
		62.0	13	6	4	7	4	7			4	5			14	6	4	12	7	7		7	5	5		5		5				
		76.0	10	5		6		5				5			11	5		10	5	6		5	5		5		5		5			
		90.0	8	4		5		5				5			9	4		8	4	5		5	5		5		5		5			
120.0	6				5					5			7			6		5		5	5		5		5		5					
	W	1.25" Edge Distance										1.25" Edge Distance																				
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		62.0	16	13	8	16	13	15	7	4	10	7	11	5		8	5	16	13	8	16	13	15	7	4	10	7	11	5		8	5
		76.0	16	11	7	15	11	12	6		8	6	11	5		7	5	16	11	7	15	11	12	6		8	6	11	5		7	5
		90.0	16	9	6	13	9	11	5		7	5	11	5		7	5	16	9	6	13	9	11	5		7	5	11	5		7	5
120.0	14	7	4	10	7	11	5		7	5	11	5		7	5	14	7	4	10	7	11	5		7	5	11	5		7	5		

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EXIST. STRUC.	ANCHOR TYPE	MAX LOAD (PSF) SEE NOTE 1	SPANS UP TO 5'-0" (SEE NOTE 1)					SPANS UP TO 9'-0" (SEE NOTE 1)					SPANS UP TO 12'-0" (SEE NOTE 1)					
			CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					
			C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	
Hollow Block		W	3" Edge Distance															
			48.0	16	10	6	14	8	11	5		7	4	8	4		5	
			62.0	16	7	5	11	6	9	4		6		6			4	
			76.0	13	6	4	9	5	7			5		6			4	
			90.0	11	5		7	4	6			4		6			4	
	120.0	8	4		5		6			4		6			4			
		W	2" Edge Distance															
			48.0	16	11	7	14	9	12	6	3	8	5	9	4		6	3
			62.0	16	8	5	11	7	9	4	3	6	3	7	3		4	
			76.0	14	6	4	9	5	8	3		5	3	7	3		4	
			90.0	12	5	3	7	4	7	3		4	7	3	4		7	3
	120.0	9	4		5	3	7	3		4	7	3	4		7	3	4	
		W	3" Edge Distance															
			48.0	11	5		11	5	6			6		4			4	
			62.0	8	4		8	4	4			4						
76.0			7			7		4										
90.0			6			5												
120.0	4			4														

		ANCHOR SCHEDULE																
		FASTENER MAXIMUM SPACING (INCHES) REQUIRED FOR VARIOUS DESIGN LOADS AND SPANS																
EXIST. STRUC.	ANCHOR TYPE	MAX LOAD (PSF) SEE NOTE 1	SPANS UP TO 5'-0" (SEE NOTE 1)					SPANS UP TO 9'-0" (SEE NOTE 1)					SPANS UP TO 12'-0" (SEE NOTE 1)					
			CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					CONNECTION TYPE (SEE NOTE 3)					
			C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	
Grouted Block		W	2" Edge Distance															
			48.0	16	16	11	16	11	16	10	6	9	6	15	7	4	6	4
			62.0	16	14	9	12	9	16	7	5	7	5	12	5	3	5	3
			76.0	16	11	7	10	7	13	6	4	5	4	11	5	3	5	3
			90.0	16	9	6	8	6	11	5	3	5	3	11	5	3	5	3
	120.0	15	7	4	6	4	11	5	3	5	3	11	5	3	5	3		
		W	2.5" Edge Distance															
			48.0	16	13	9	16	13	16	7	5	13	7	12	5	3	10	5
			62.0	16	10	6	16	10	12	6	3	10	5	9	4		7	4
			76.0	16	8	5	15	8	10	4	3	8	4	9	4		7	4
			90.0	15	7	4	12	7	9	4		7	4	9	4		7	4
	120.0	11	5	3	9	5	9	4		7	4	9	4		7	4		
		W	1.25" Edge Distance															
			48.0	16	16	13	16	16	16	11	7	16	11	16	8	5	12	8
			62.0	16	16	10	16	16	16	8	5	12	9	14	6	4	9	6
76.0			16	13	8	16	13	15	7	4	10	7	13	6	4	9	6	
90.0			16	11	7	15	11	13	6	4	9	6	13	6	4	9	6	
120.0	16	8	5	11	8	13	6	4	9	6	13	6	4	9	6			

ANCHOR NOTES:
See Sheet 7 for Anchor Notes.



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Revisions	no	date	by	description
	0	9/25/2023	JWK	FBC 2023 Update; formerly KC20-0414

Scale: AS NOTED
Drawn by: JWK
Date: 9/25/2023
J.W. Knezevich
Professional Engineer
FL License No.: PE 41961
This item has been digitally signed and sealed by John W. Knezevich, PE on the date adjacent to the seal.
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Drawing No. **KC23-0711**
sheet 8 of 8