

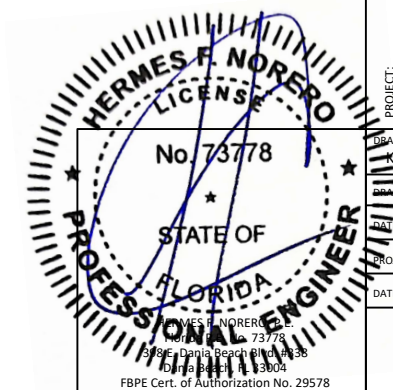
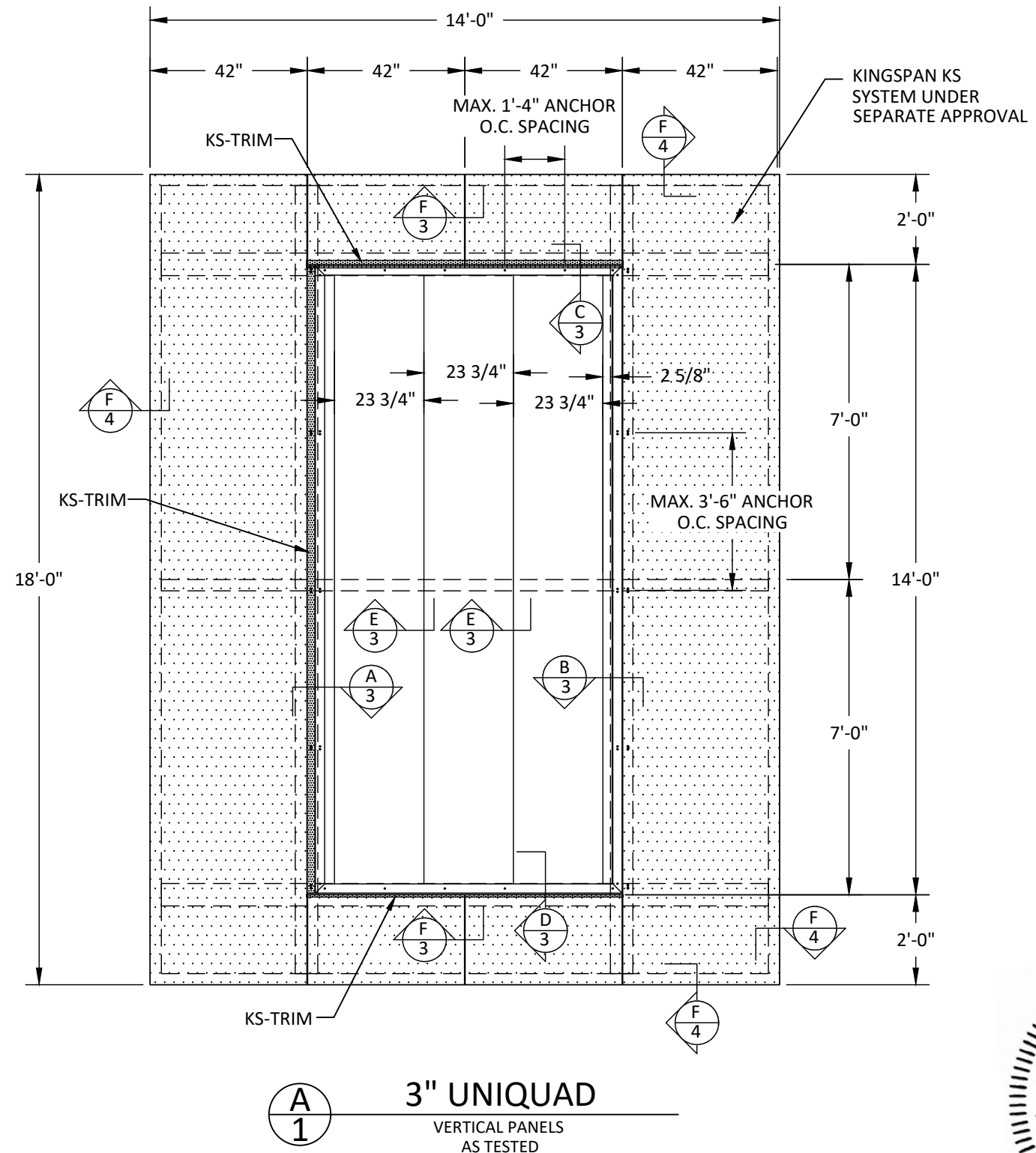
KINGSPAN LIGHT & AIR FENESTRATION


3" KS UNIQUAD WALL SYSTEM (NON-HVHZ) (IMPACT)

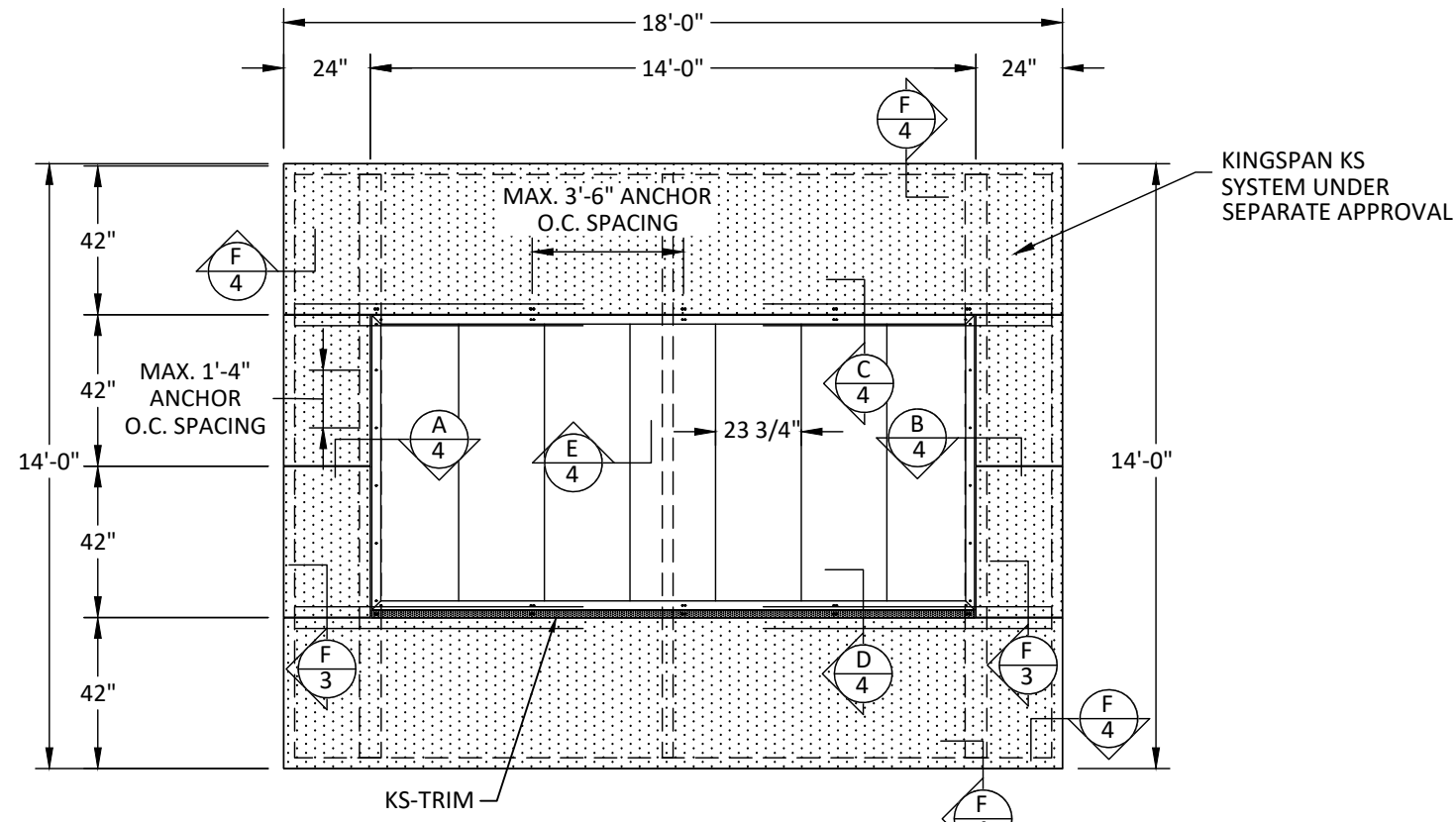
GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), **EXCLUDING** HVHZ, AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - ASTM E283-19
 - ASTM E547-00
 - ASTM E330-14
 - ASTM E1886-19
 - ASTM E1996-20
 - TAS 201-94
 - TAS 203-94
- ADEQUACY OF THE EXISTING STRUCTURAL METAL FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- MAX. DESIGN PRESSURE APPLIES TO ASSEMBLIES SUCH THAT PURLIN SPACING AND PANEL UNSUPPORTED DISTANCE ARE NOT EXCEED AS SHOWN HEREIN.
- STRUCTURAL ADEQUACY OF SUPPORTING SUBSTRUCTURE IS NOT PART OF THIS APPROVAL AND SHALL BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.
- MAX. DESIGN PRESSURES APPLIES TO ASSEMBLIES SUCH THAT THE PURLIN AND UNIQUAD 406 + UNIQUAD 407 PROFILE SPACING ARE NOT EXCEED AS SHOWN HEREIN.
- STRUCTURAL ADEQUACY OF SUPPORTING SUBSTRUCTURE IS NOT PART OF THIS APPROVAL AND SHALL BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.
- STAINLESS STEEL FRAMING IS MIN. 16 GAUGE STAINLESS STEEL 304

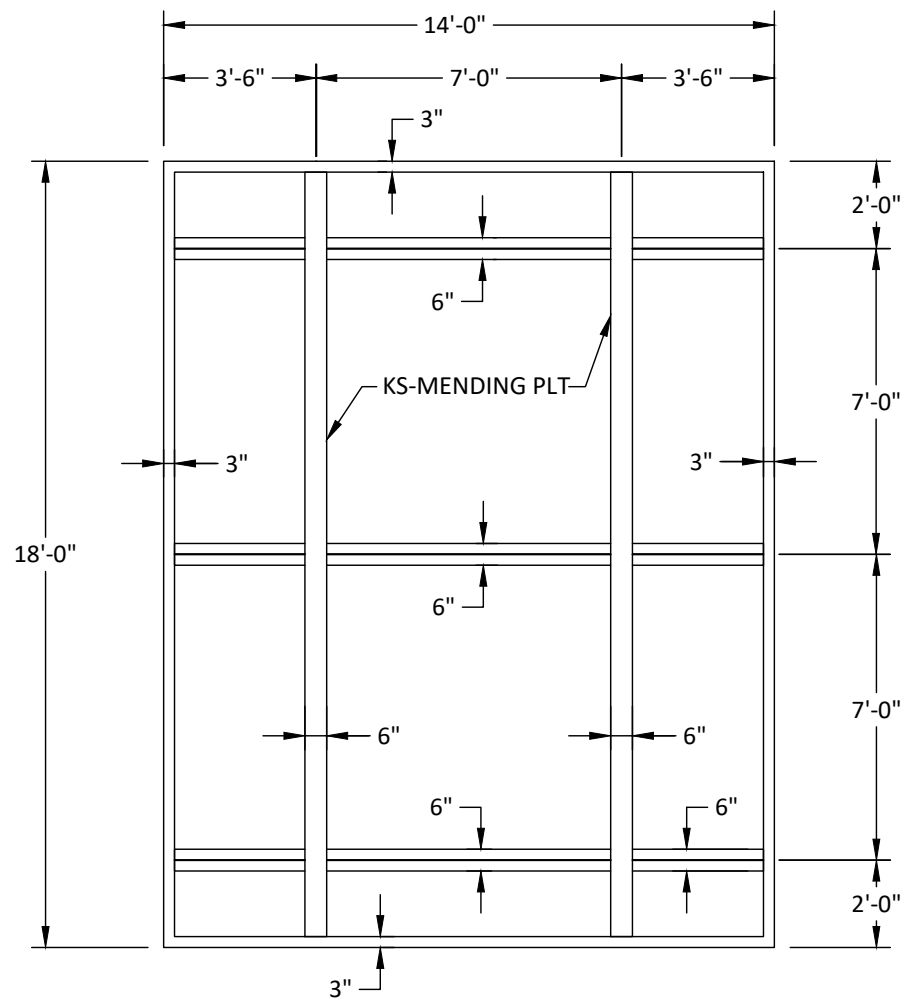
DESIGN LOAD (PSF) WITH 1.5 SAFETY FACTOR	PURLIN SPACING (IN)	MAX. DEFLECTION, UNIQUAD 406 + 407, L/60 (in)
+40, -40	84	1.40
+40, -46.7	72	1.20
+40, -56	60	1.00
+40, -60	54	0.90



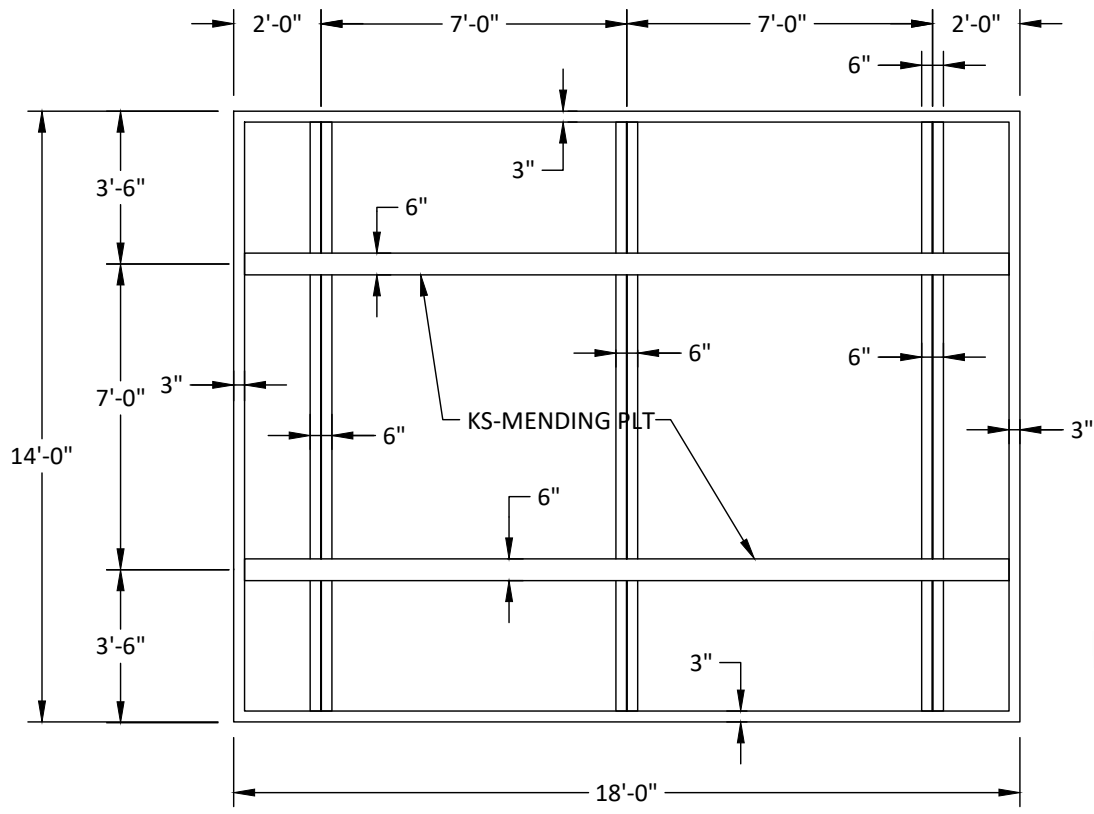
DATE	09/26/2023
DESCRIPTION	CODE CHANGE UPDATE
REV	A
 28662 N. HALLAND DR., LAKE FOREST, FL 33405 (847) 836-1060 • FAX (847) 816-0425	
PROJECT:	3" KS UNIQUAD WALL SYSTEM WALL APPLICATION
ARCHITECT:	PHONE #: NO PHONE FOUND
CUSTOMER:	PHONE #: NO PHONE FOUND
CONTRACTOR:	PHONE #: NO PHONE FOUND
DRAWING No.	LA009
DESIGNED BY	JA
DATE	08/05/19
PROJECT MGR	
DATE	
SHEET NO.	1 OF 5



A
2
3" UNIQUAD
HORIZONTAL PANELS
AS TESTED



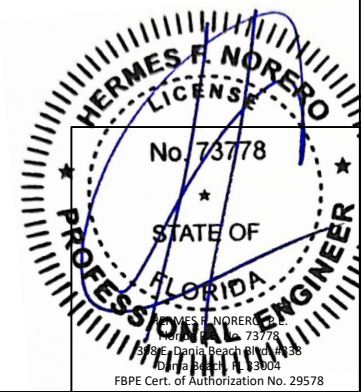
B
2
3" UNIQUAD
VERTICAL PANELS
AS TESTED



C
2
3" UNIQUAD
HORIZONTAL PANELS
AS TESTED

REV	DESCRIPTION	DATE
A	CODE CHANGE UPDATE	09/26/2023

PROJECT: 3" KS UNIQUAD WALL SYSTEM WALL APPLICATION		ARCHITECT: NO PHONE FOUND
DRAWING No. LA009		CUSTOMER: NO PHONE FOUND
DRAWN BY: JA		CONTRACTOR: NO PHONE FOUND
DATE: 08/05/19		
PROJECT MGR:		
DATE:		
SHEET No. 2 OF 5		



(2) 1/4" - 14 HEX HEAD FASTENER WITHOUT WASHER
MIN. 3/4" O.C. SPACING BETWEEN FASTENERS
MIN. 1/2" EDGE DISTANCE
SEE SHEET 1 FOR DISTRIBUTION

(2) 1/4"-14 LOW PROFILE FASTENER
MIN. 3/4" O.C. SPACING BETWEEN FASTENERS, MIN. 1/2" EDGE DISTANCE, SEE SHEET 1 FOR DISTRIBUTION

MENDING PLT
SUPPORT STEEL BY OTHERS

FRAMING BY OTHERS
LEFT JAMBS

G32 EPDM GASKET
UNIQUAD-402

RIGHT JAMBS

MENDING PLT

FRAMING BY OTHERS

KINGSPAN KS SYSTEM UNDER SEPARATE APPROVAL

3.00"

FRAMING BY OTHERS

KINGSPAN KS SYSTEM UNDER SEPARATE APPROVAL

MATCHING TRIM BY KS

UNIQUAD-425

UNIQUAD-428

(1) 1/4"-14 LOW PROFILE FASTENER
MIN. 1/2" EDGE DISTANCE
SEE SHEET 1 FOR DISTRIBUTION

UNIQUAD-402

UNIQUAD-402

3" KS VERTICAL AT PANEL JOINT SILL & HEAD

3.00"

(C) SECTION HALF SCALE

(C) SECTION HALF SCALE

CPI UNIQUAD SYSTEM

UNIQUAD-402

UNIQUAD-428

UNIQUAD-425

G32 EPDM GASKET

1.00"

1.63"

WEEP

☐

MATCHING TRIM BY KS

(D) SECTION HALF SCALE

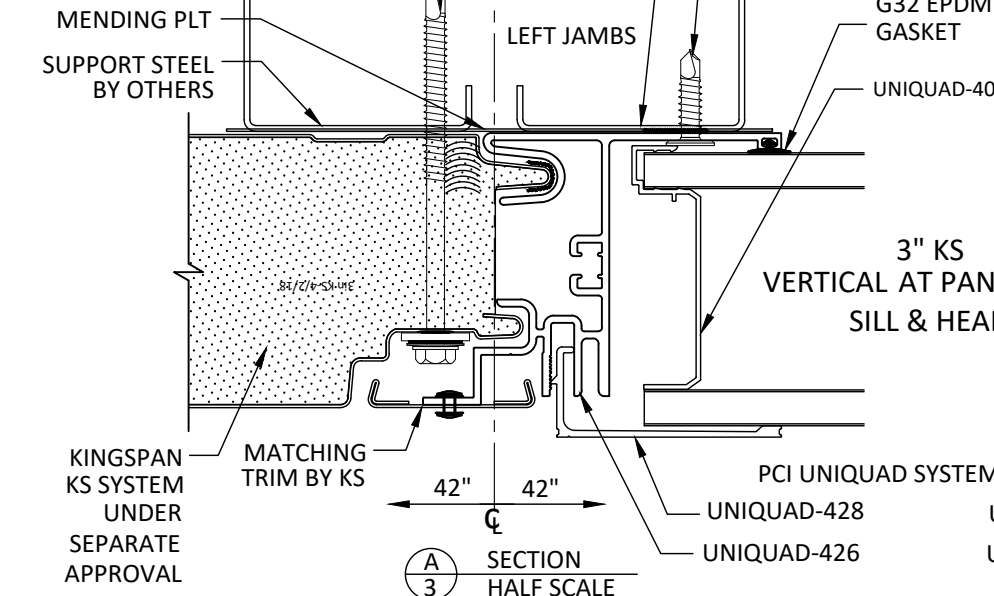
(D) SECTION HALF SCALE

KINGSPAN KS SYSTEM UNDER SEPARATE APPROVAL

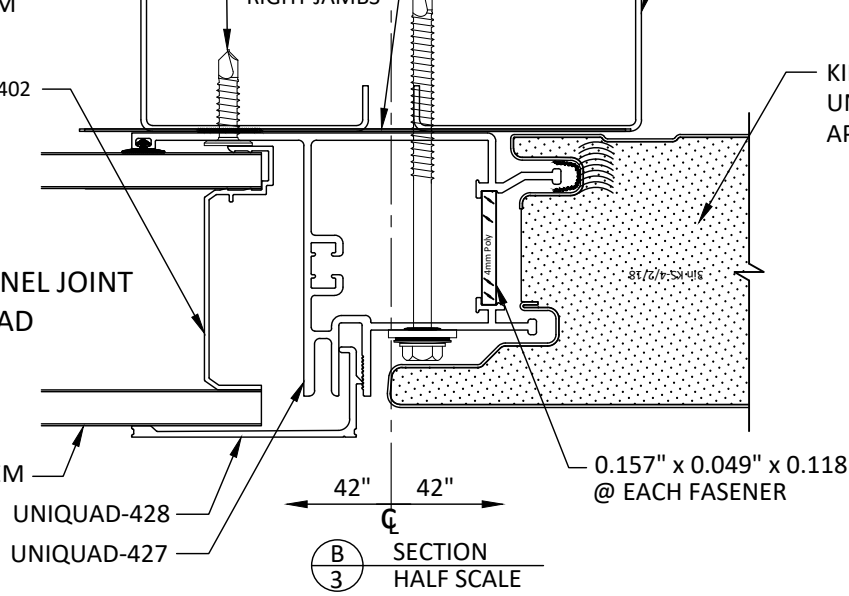
FRAMING BY OTHERS

3.00"

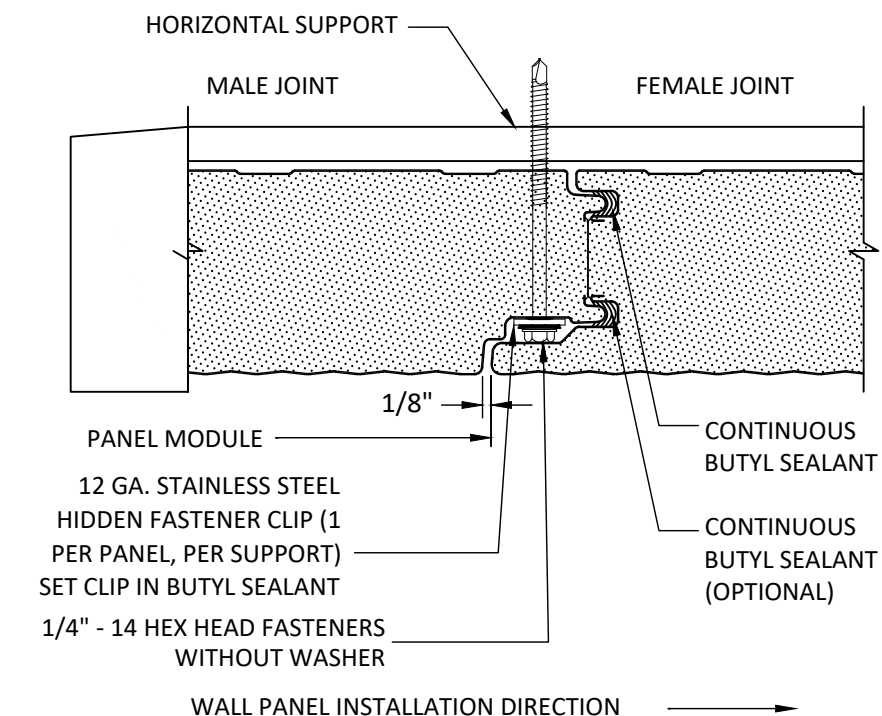
FRAMING BY OTHERS



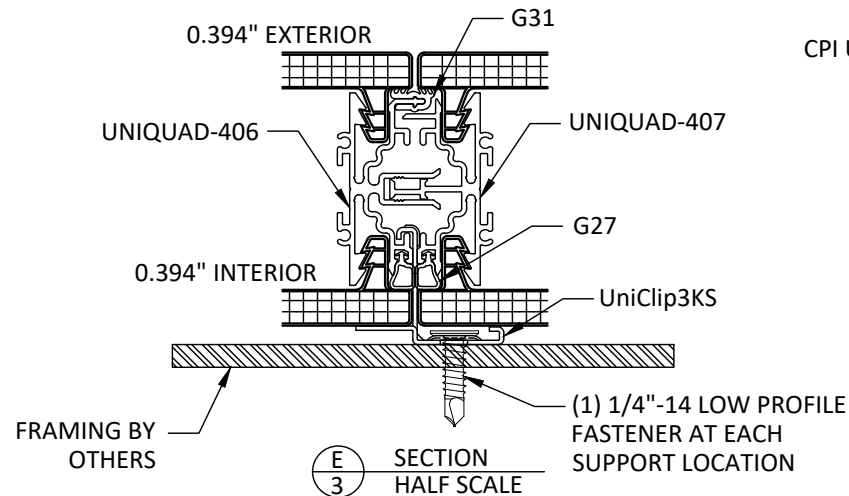
(A) SECTION HALF SCALE



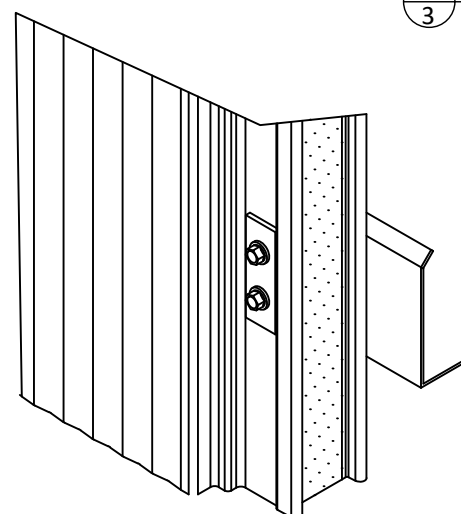
(B) SECTION HALF SCALE



(F) TYP. KINGSPAN SECTION NTS



(E) SECTION HALF SCALE

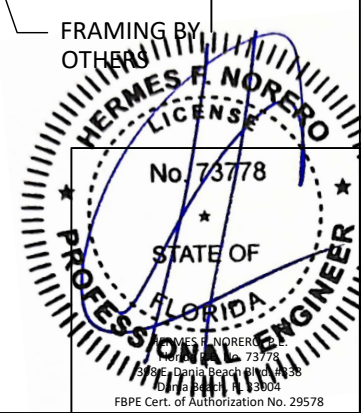


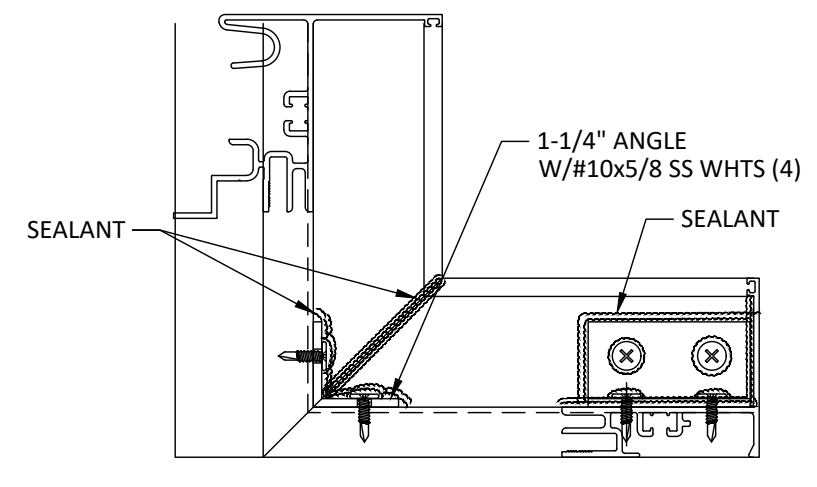
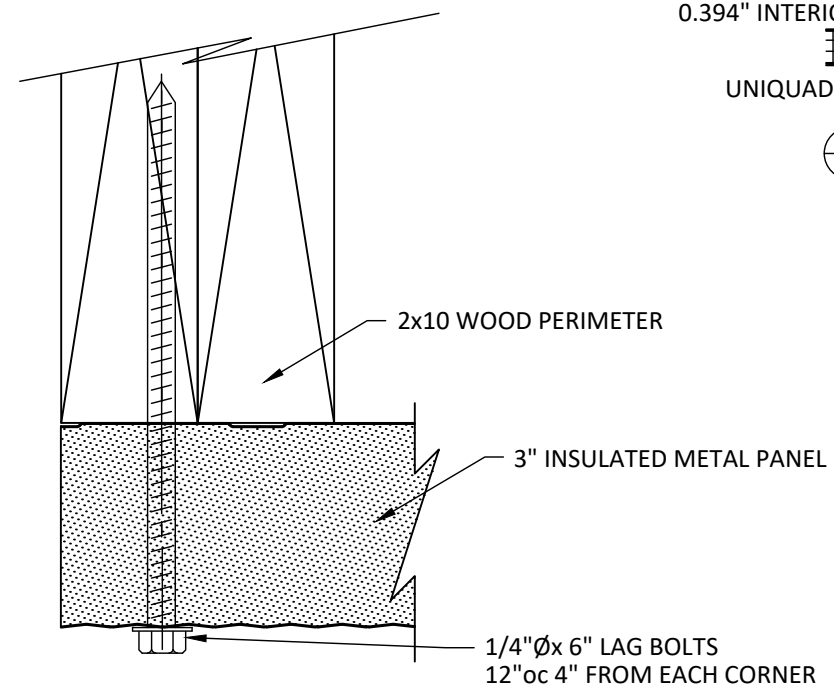
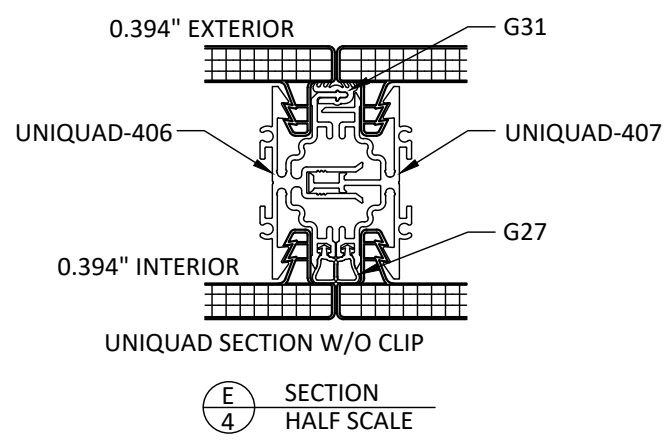
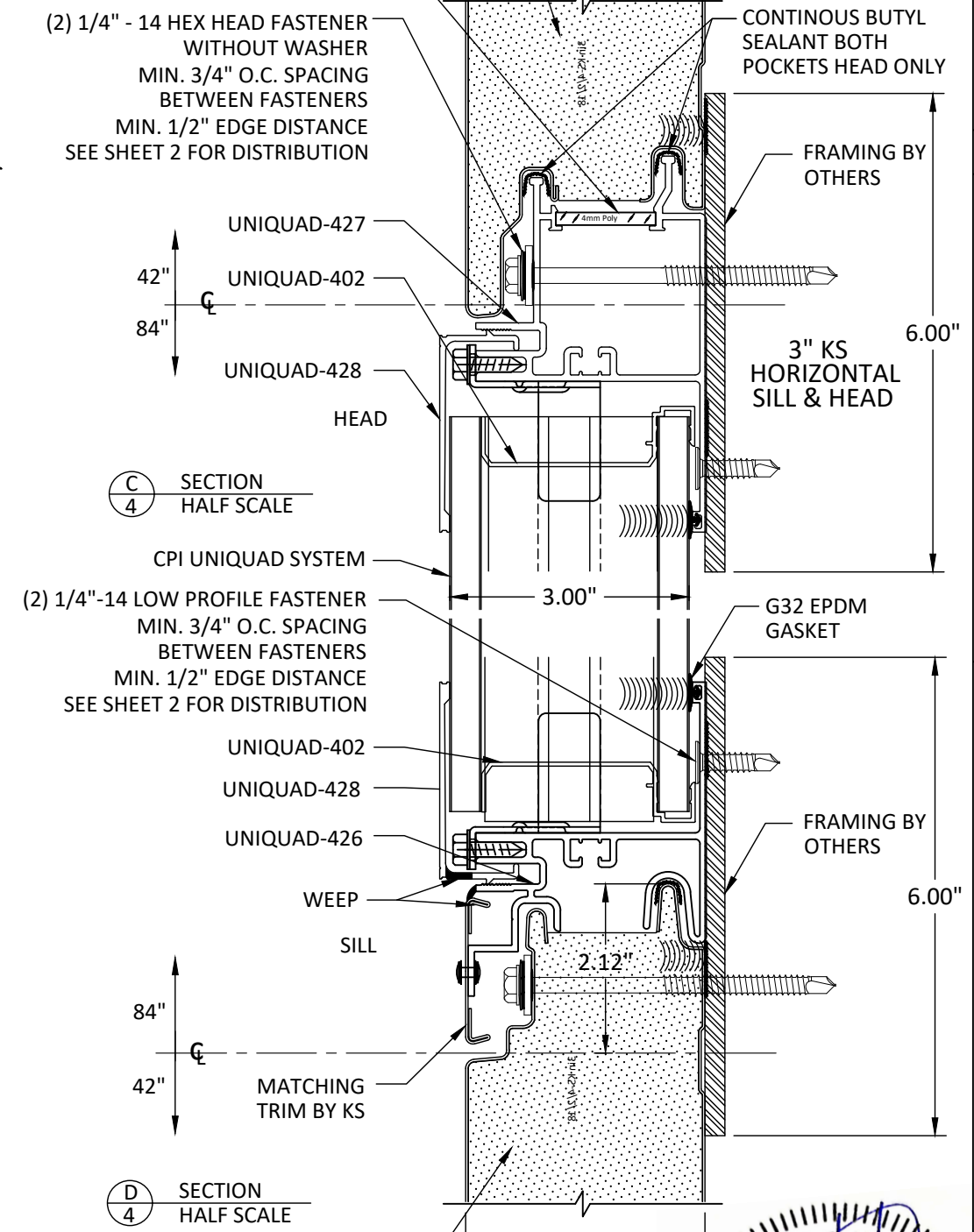
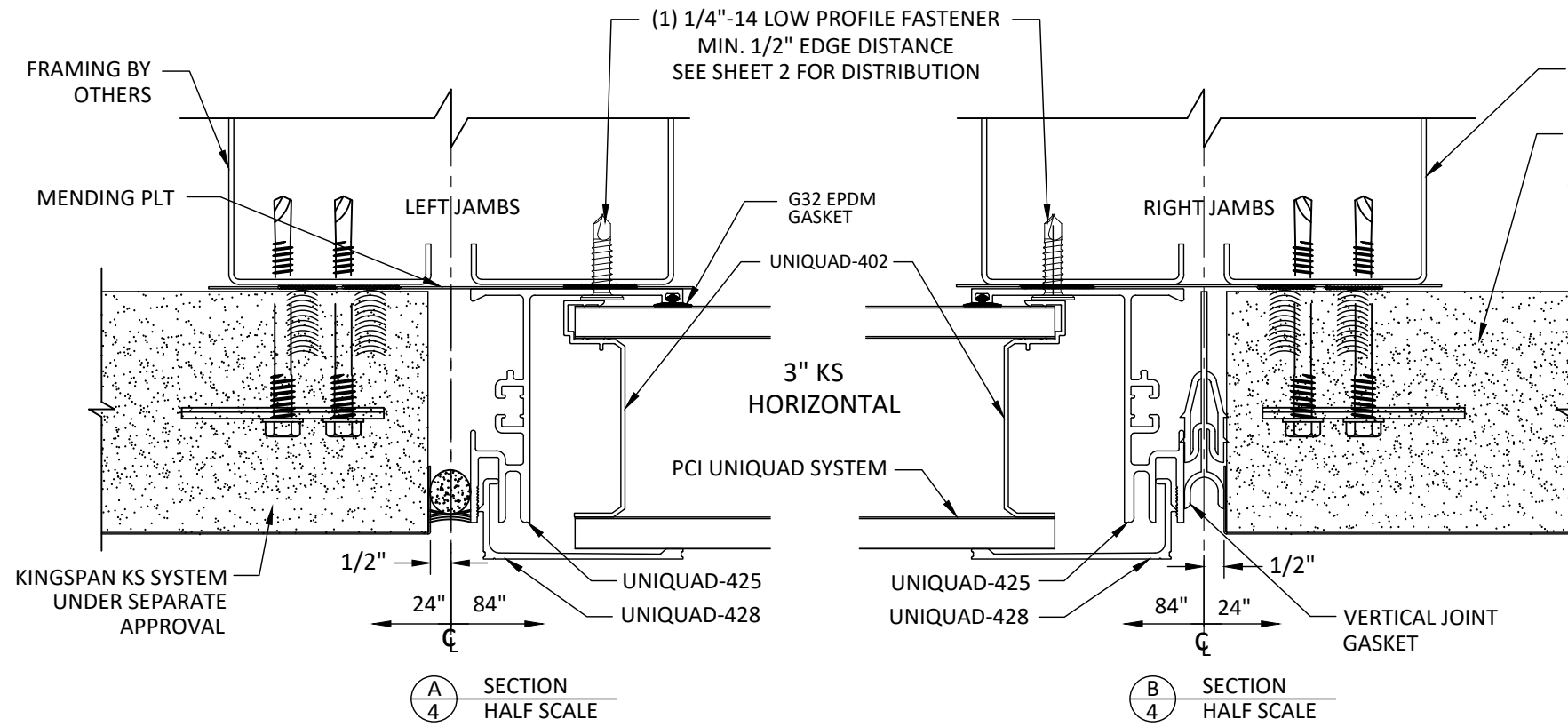
(G) CONNECTION ISOMETRIC NTS

REV	DESCRIPTION	DATE
A	CODE CHANGE UPDATE	09/26/2023

Kingspan
Light Air
28662 N. HALLARD DR., LAKE FOREST, IL 60045
(847) 835-1060 • FAX (847) 815-0425

PROJECT:	3" KS UNIQUAD WALL SYSTEM WALL APPLICATION
ARCHITECT:	PHONE #: NO PHONE FOUND
CUSTOMER:	PHONE #: NO PHONE FOUND
CONTRACTOR:	PHONE #: NO PHONE FOUND
DRAWING No.:	LA009
DESIGNED BY:	JA
DATE:	08/05/19
PROJECT MGR:	
DATE:	
SHEET NO.:	3 OF 5



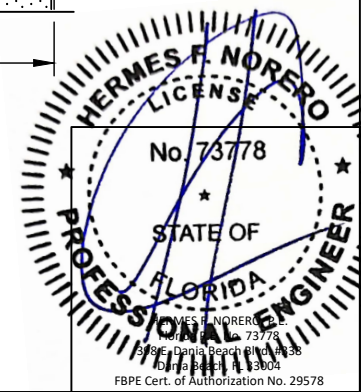


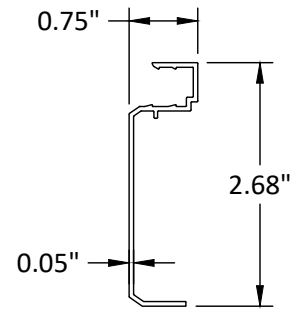
REV	DESCRIPTION	DATE
A	CODE CHANGE UPDATE	09/26/2023

Kingspan
Light Air

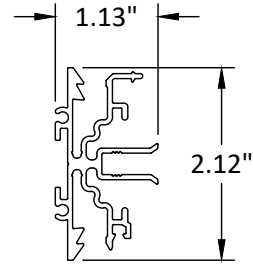
28662 N. HALLARD DR., LAKE FOREST, IL 60045
(847) 535-1060 • FAX (847) 815-0425

PROJECT:	3" KS UNIQUAD WALL SYSTEM WALL APPLICATION
ARCHITECT:	PHONE #: NO PHONE FOUND
CUSTOMER:	PHONE #: NO PHONE FOUND
CONTRACTOR:	PHONE #: NO PHONE FOUND
DRAWING No.:	LA009
DESIGNED BY:	JA
DATE:	08/05/19
PROJECT MGR:	
DATE:	
SHEET NO.:	4 OF 5

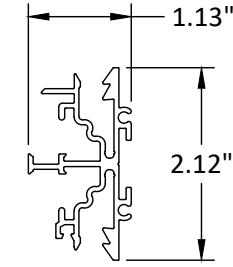




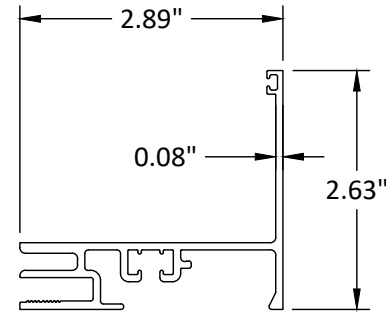
(A)
5 UNIQUAD 402



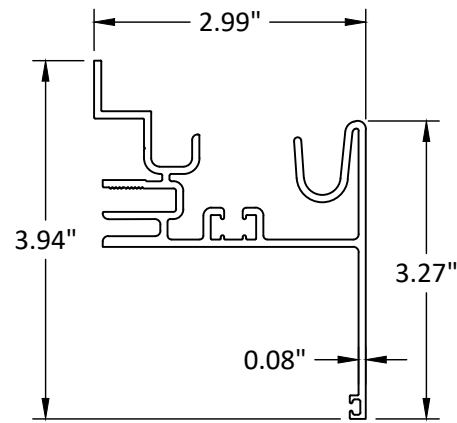
(B)
5 UNIQUAD 406



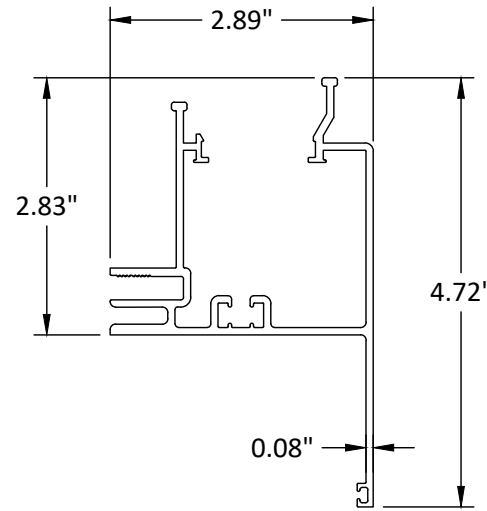
(C)
5 UNIQUAD 407



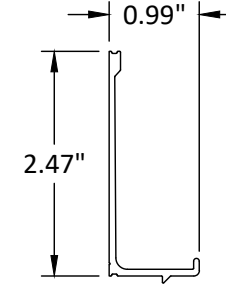
(D)
5 UNIQUAD 425



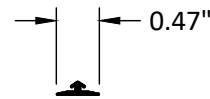
(E)
5 UNIQUAD-426



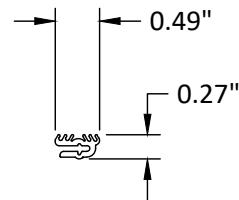
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5 UNIQUAD-427



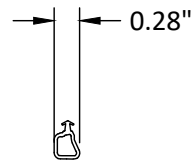
(G)
5 UNIQUAD-428



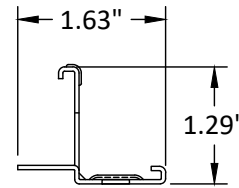
(H)
5 G32



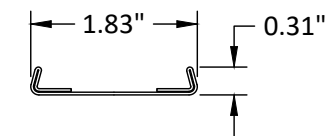
(I)
5 G31



(J)
5 G27



(K)
5 UniClip3KS



(L)
5 MATCHING TRIM

REV	DESCRIPTION	DATE
A	CODE CHANGE UPDATE	09/26/2023



PROJECT: 3" KS UNIQUAD WALL SYSTEM		ARCHITECT: NO PHONE FOUND
WALL APPLICATION		CUSTOMER: NO PHONE FOUND
		CONTRACTOR: NO PHONE FOUND
DRAWING No. LA009	DATE: 06/13/2023	REVISION: JA
DRAWN BY: JA		PROJECT MGR: DATE:
SHEET NO. 5 OF 5		

