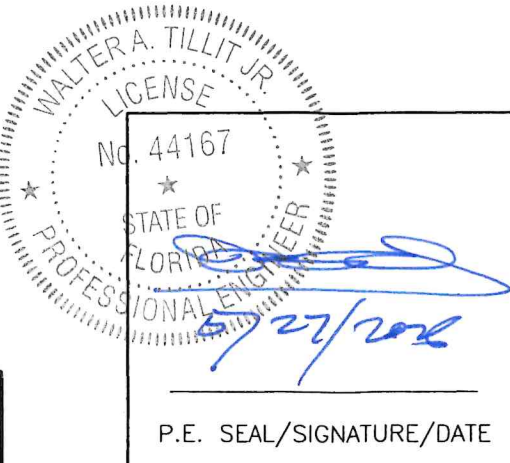


GENERAL NOTES:

1. IMPACT PROTECTIVE FABRIC END RETENTION ROLLING SYSTEM (L.M.I.) SHOWN ON THIS PRODUCT EVALUATION DOCUMENT (P.E.D.) HAS BEEN VERIFIED FOR CODE COMPLIANCE IN ACCORDANCE WITH THE **2023 (8th EDITION)** OF THE FLORIDA BUILDING CODE.
DESIGN WIND LOADS FOR EACH INSTALLATION SHALL BE DETERMINED AS PER SECTION 1620 (H.V.H.Z.) OF THE ABOVE MENTIONED CODE, FOR A WIND SPEED AS REQUIRED BY JURISDICTION WHERE THIS PRODUCT WILL BE INSTALLED AND FOR A DIRECTIONALITY FACTOR $K_d=0.85$, USING **ASCE 7-22**, AND SHALL NOT EXCEED THE MAXIMUM (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON SHEET 9.
- IN ORDER TO VERIFY THE ABOVE CONDITION, ULTIMATE DESIGN WIND LOADS DETERMINED PER **ASCE 7-22** SHALL BE FIRST REDUCED TO A.S.D. DESIGN WIND LOADS BY MULTIPLYING THEM BY 0.6 IN ORDER TO COMPARE THESE W/ MAX. (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON NOTE 1.
- PRODUCTS ADEQUACY FOR IMPACT AND FATIGUE RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTION 1626 OF THE ABOVE MENTIONED CODE AS PER QAI LABORATORIES REPORTS # 22-1066 & QA-4218 PER TAS-201 (9 lb, 2"x4", 50 ft/sec), TAS 202 & TAS-203 PROTOCOLS.
- MAX. A.S.D. DESIGN PRESSURE RATING SHALL BE AS PER SCHEDULE ON SHEET 9.**
2. FABRIC TO BE AS SPECIFIED ON SHEET 2.
3. ALL REMAINING COMPONENTS SHALL BE AS SPECIFIED ON SHEET 3 & 4.
4. ANCHORS TO BE AS MANUFACTURED BY REDHEAD AND AS PER DETAILS ON SHEETS 6 & 7. AND SHALL BE INSTALLED FOLLOWING ALL OF THE RECOMMENDATIONS AND SPECIFICATIONS OF THE ANCHOR'S MANUFACTURER.
5. ALL SCREWS TO BE ITW/BUILDEX TEK SCREWS WITH DIMENSIONS SHOWN ON SHEET 6.
6. THIS PRODUCT SHALL BE ONLY INSTALLED WHEN A HURRICANE WARNING IS ISSUED AND SHALL BE IMMEDIATELY REMOVED AFTER THOSE CONDITIONS ARE OVER. FABRIC SHALL BE STORED AT BOX, NOT EXPOSED TO THE WEATHER AND SHALL BE PROPERLY MAINTAINED, PER MANUFACTURER'S RECOMMENDATIONS.
7. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THAT THE EXISTING STRUCTURE IS DESIGNED TO SUPPORT $V_x=1500$ lb/ft AND $V_y=640$ lb/ft FORCES AT BOTH JAMBS.
8. ROLL-UP MECHANISM AND BOX ASSEMBLY NOT PART OF THIS APPROVAL.
9. (A) THIS P.E.D. PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT: I.E. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.E.D.
(B) CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION OF THIS PRODUCT BASED ON THIS P.E.D. PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT, CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.
(C) THIS P.E.D. WILL BE CONSIDERED INVALID IF MODIFIED.
(D) SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.E.D. ENGINEER OF RECORD, ACTING AS A DELEGATED ENGINEER TO THE P.E.D. ENGINEER, SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW.
(E) ORIGINAL P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.
10. PRODUCT MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION AT PRODUCT IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE.
ONE LABEL SHALL BE PLACED FOR EVERY OPENING. LABELING TO COMPLY WITH SECTION 1709.9.2 OF THE FLORIDA BUILDING CODE.

THIS DRAWING SHALL ONLY BE USED TO
OBTAIN PERMITS IN THE STATE OF FLORIDA



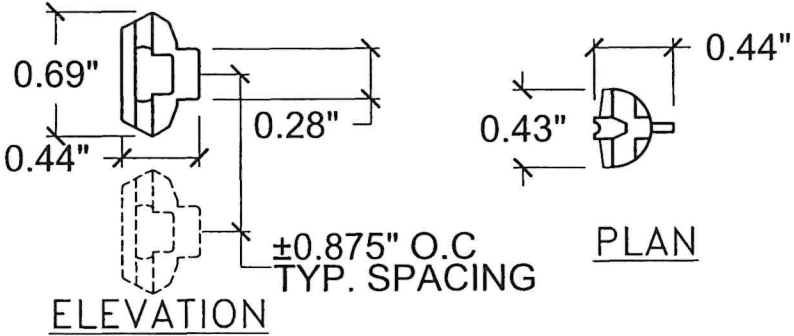
FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)					
©2026 TILTECO, INC.			IMPACT PROTECTIVE FABRIC END RETENTION ROLLING SYSTEM (L.M.I.)		W.H. DRAWN BY:
 TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 . Fax : (305)871-1531 CA-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167			ROLLINGSHIELD Inc. 9875 NW 79th AVE. HIALEAH GARDENS MIAMI, FL. 33016		4/28/2026 DATE:
			26-037 DRAWING No.		
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	-	-	3	-	-
2	-	-	4	-	-
					SHEET 1 OF 9

1 OMEGATEX: MODEL: T18KKS

A FABRIC 0.027"DIAMETER VINYL COATED 1500 DENIER POLYESTER CORE YARNS IN WARP AND 0.030" DIAMETER VINYL COATED 2000 DENIER TWARON CORE YARNS IN FILL.				
ATTRIBUTE	ASTM	WARP	FILL	TYPICAL
Construction	D3775-96	22.0+/-0.5	13.5+/-0.5	-
Weight, oz/yd2	D3776-96	-	-	19.524
Tensile Strength (grab), lbf	D5034-95	711.3	748.9	-
Tensile Strength (strip), lbf	D5035-95	416.7	251.4	-
Tear Strength, (Trapezoidal), lbf	D1117-97	181.6	285	-
Elongation, %	D5035-95	42.8	12.3	-
Abrasion Resistance's	D3884-92	No exposure to core yarn	No exposure to core yarn	-
Weatherability, 12000 hours	G53-96	Trace discoloration	Trace discoloration	-
Ball Burst, lbf*	D3787	-	-	460+
Bursting Strength, psi*	D3786	-	-	1250+
Puncture Resistance, lbf	D4833	-	-	364
Porosity Calculation	-	-	-	Open:9%/Cover:91%
Fire Classification - Passes California U.S. Title 19 (small scale), NFPA701-2015 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class 1), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale).				
FABRIC MAY BE SEAMED HORIZONTALLY TO JOIN MULTIPLE PIECES USING 1" (MIN) OVERLAP WITH HOT AIR WELDING AT 700° F (MIN) & REQUIRED SPEED (in/sec) AS PER WELDING MACHINE MANUFACTURER.				

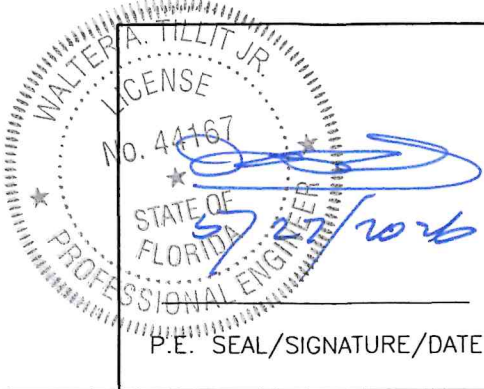
2B ZipKeder/Welding system, By PASKAL PK Zippers & fasteners

	ATTRIBUTE	(2B) BULLET 110-23
PLASTIC ELEMENTS	Color Available	Black/White
	Raw Material	POM/Nylon
	Fit to Rail Diameter	11.5-13 mm
TAPE	Color Available	Black/White
	Raw Material	PES/PP
	Stitchable	+
	Weldable to PVC/PP 1 Flap	+
TECH FEATURES	Lateral Strength One Element	100 Kg
	Folding Possibility	+
	Water Proof	-

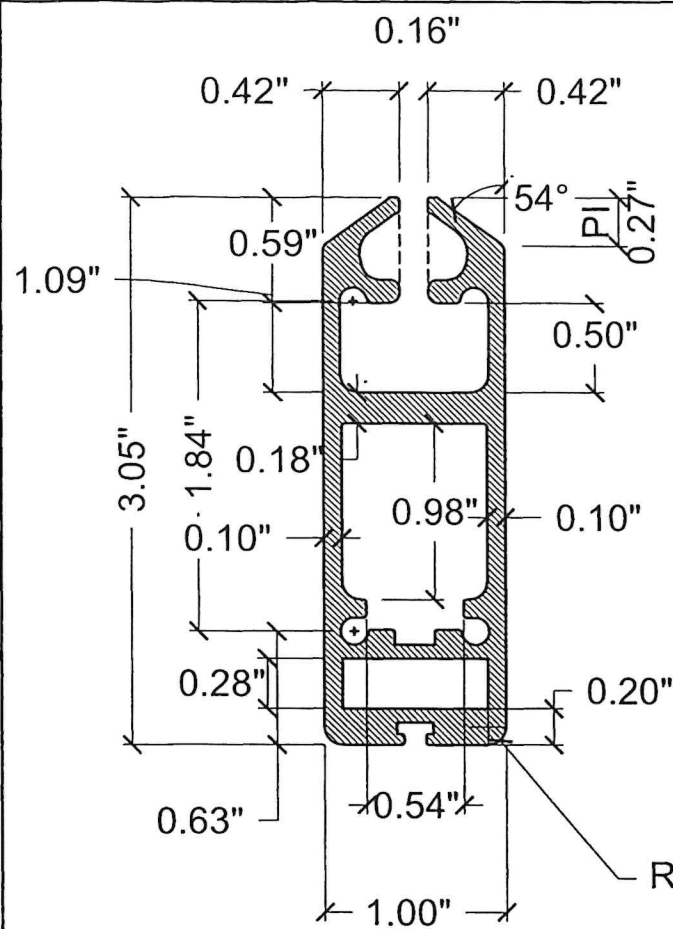


2B ZipKeder (BULLETS ZIPPER)

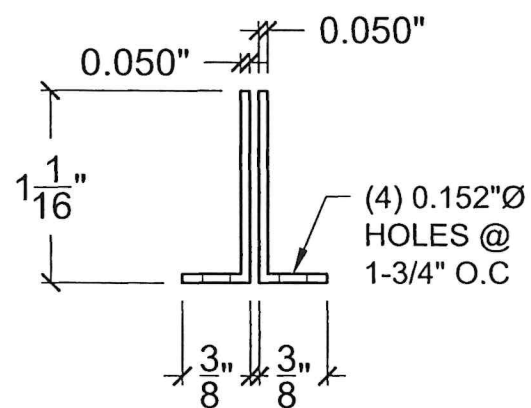
COMPONENTS
SCALE: N.T.S



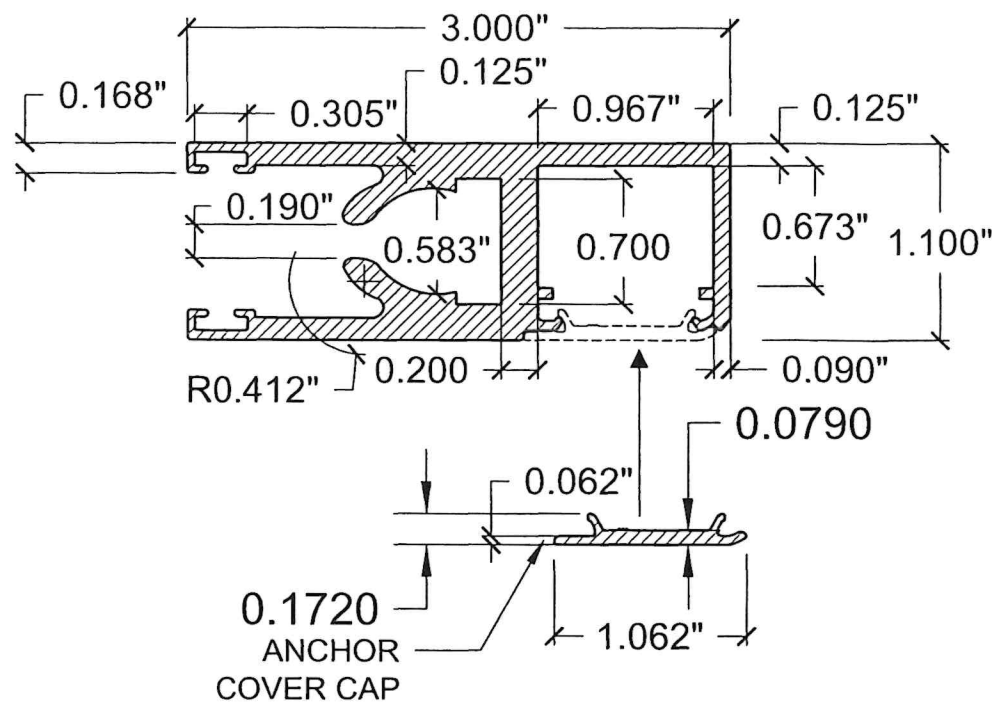
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			26-037 DRAWING No.		SHEET 2 OF 9
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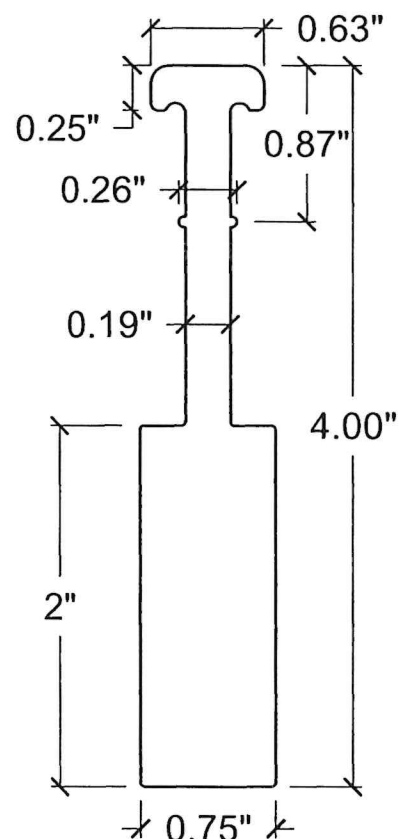
4B BOTTOM BAR
6063-T6 ALUM. ALLOY



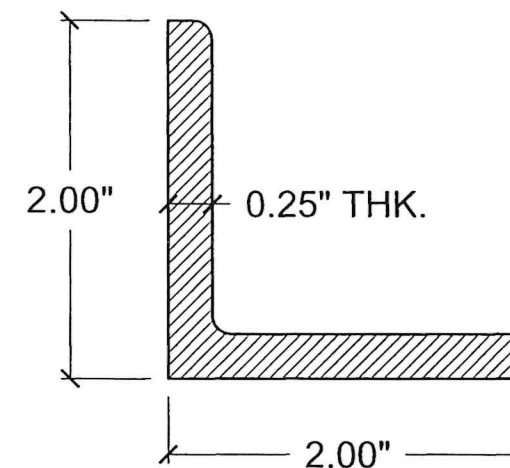
END RETENTION ANGLES
(LENGTH 2 3/4")
3105-H14 ALUM. ALLOY



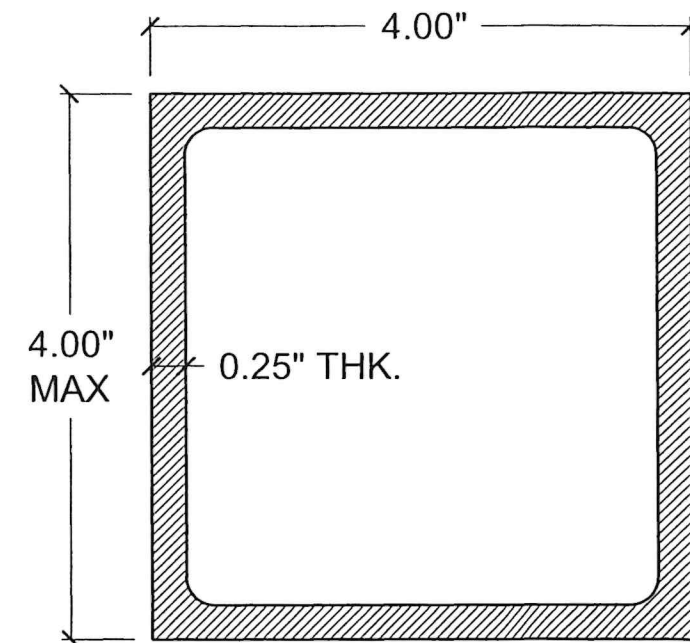
3B END RETENTION SIDE RAIL
6063-T6 ALUM. ALLOY



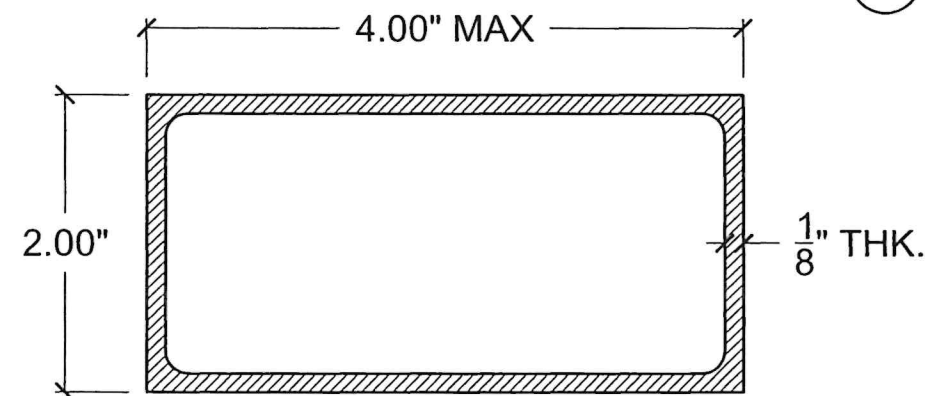
END RETENTION "T" BAR
(3/16" THICK)
CAST ALUM.



5 TRAPPED ANGLE
6061-T6 ALUM. ALLOY



6 BUILD-OUT TUBE
6061-T6 ALUM. ALLOY

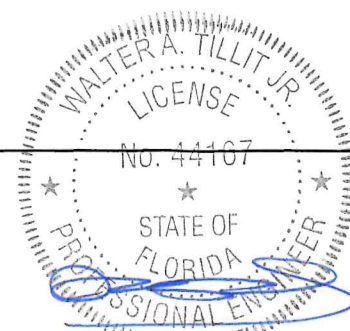


7 BUILD-OUT HEADER
6063-T5 ALUM. ALLOY

COMPONENTS (CONTINUED)

SCALE: N.T.S.

BOTTOM BAR (4B) ACCESSORIES



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WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

**IMPACT PROTECTIVE FABRIC
END RETENTION ROLLING SYSTEM (L.M.I.)**

ROLLINGSHIELD Inc.
9875 NW 79th AVE.
HIALEAH GARDENS MIAMI, FL. 33016

W.H.
DRAWN BY:

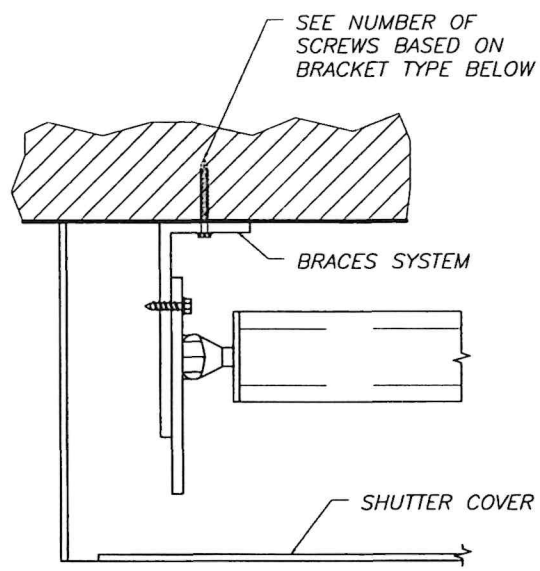
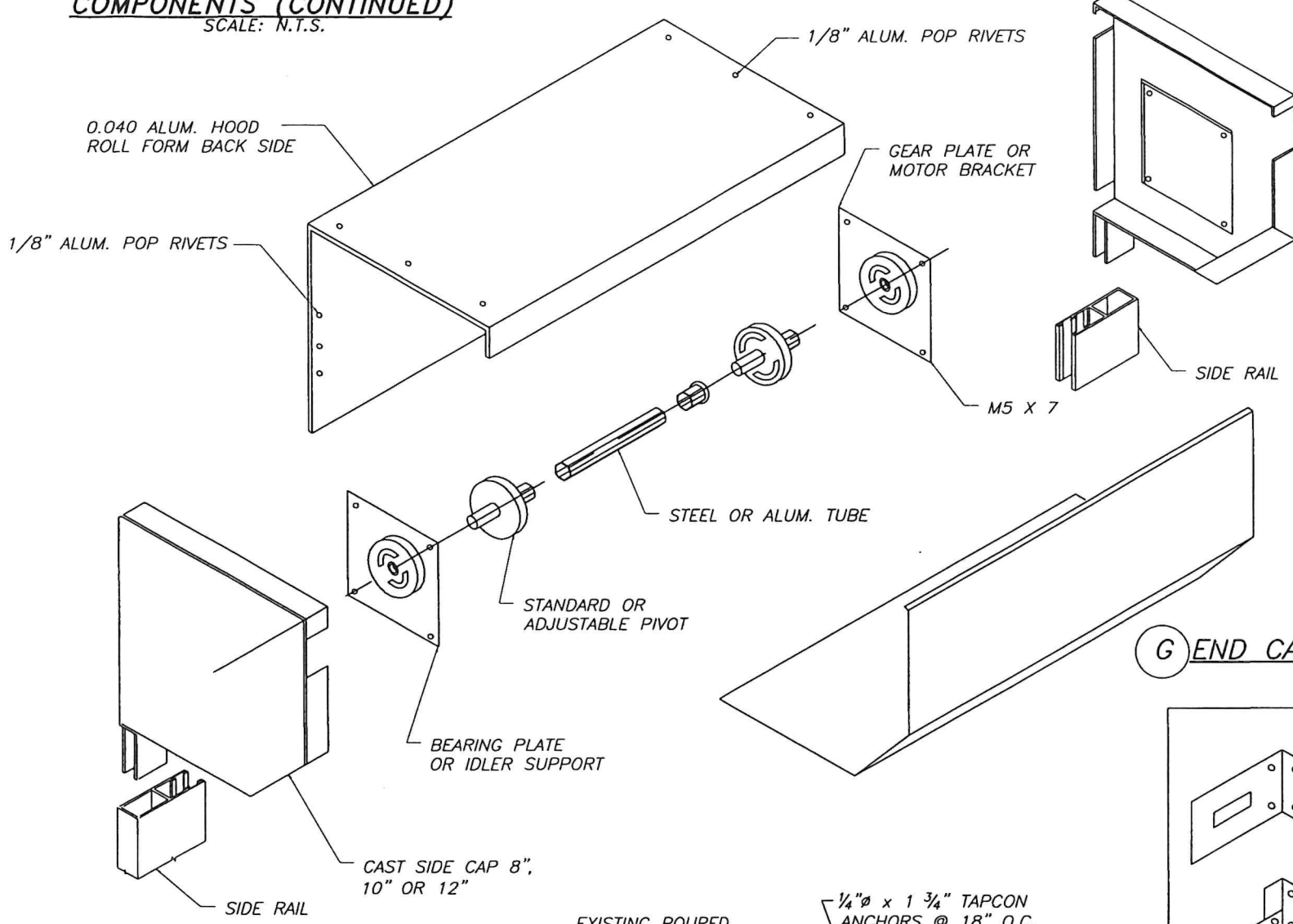
4/28/2026
DATE:

26-037
DRAWING No.

SHEET 3 OF 9

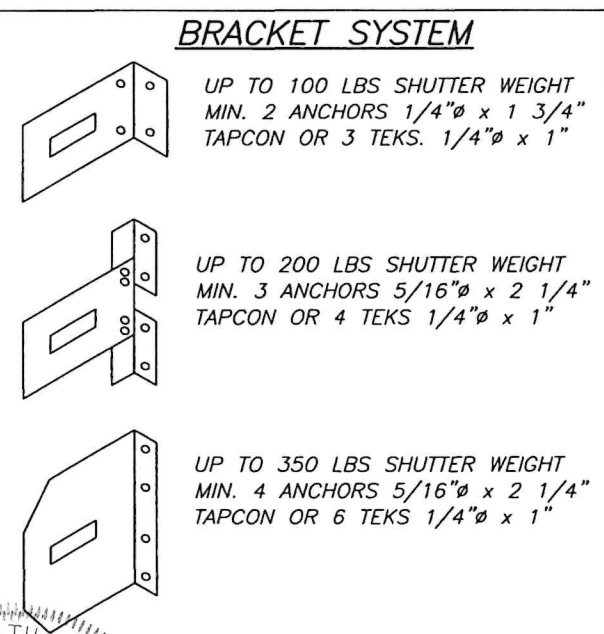
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COMPONENTS (CONTINUED)
SCALE: N.T.S.

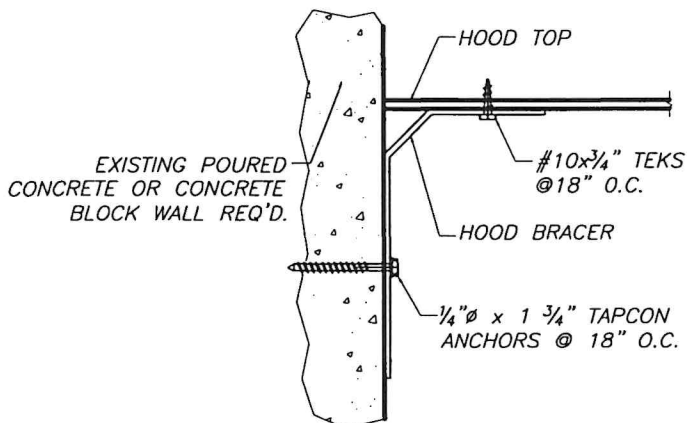


WALL INSTALLATION (PLAN)

G END CAP SYSTEM FOR 40mm & 55mm

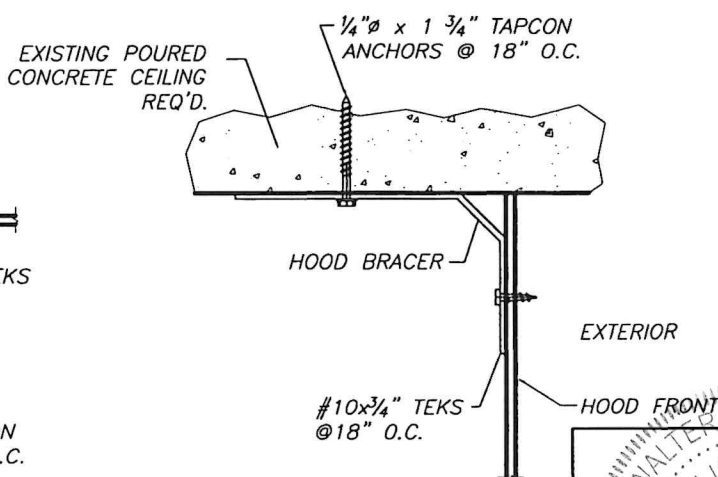


BRACKET SYSTEM



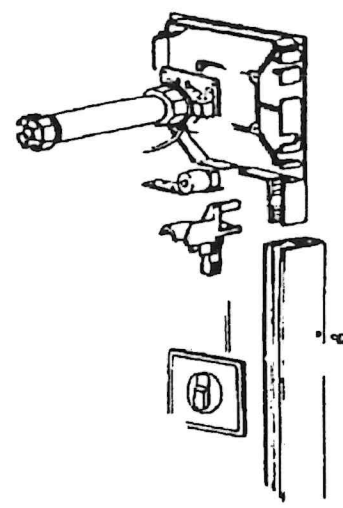
WALL HOOD ATTACHMENT (SIDE VIEW)

CUSTOM HOOD ATTACHMENT DETAIL

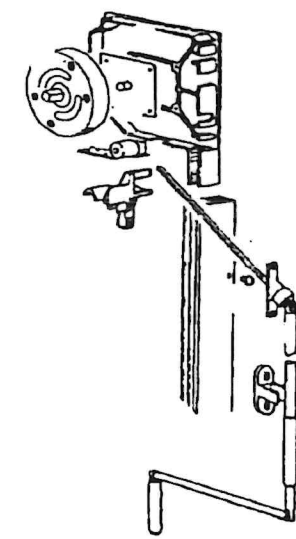


CEILING HOOD ATTACHMENT (SIDE VIEW)

MOTORIZED ROLL-UP SHUTTER SYSTEM



HAND CRANK ROLL-UP SHUTTER SYSTEM



ALTERNATE ROLL-UP SHUTTER LIFTING MECHANISMS
(SEE NOTE 15 ON SHEET 1)

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LICENSE
No. 44167
STATE OF FLORIDA
PROFESSIONAL ENGINEER
P.E. SEAL/SIGNATURE/DATE

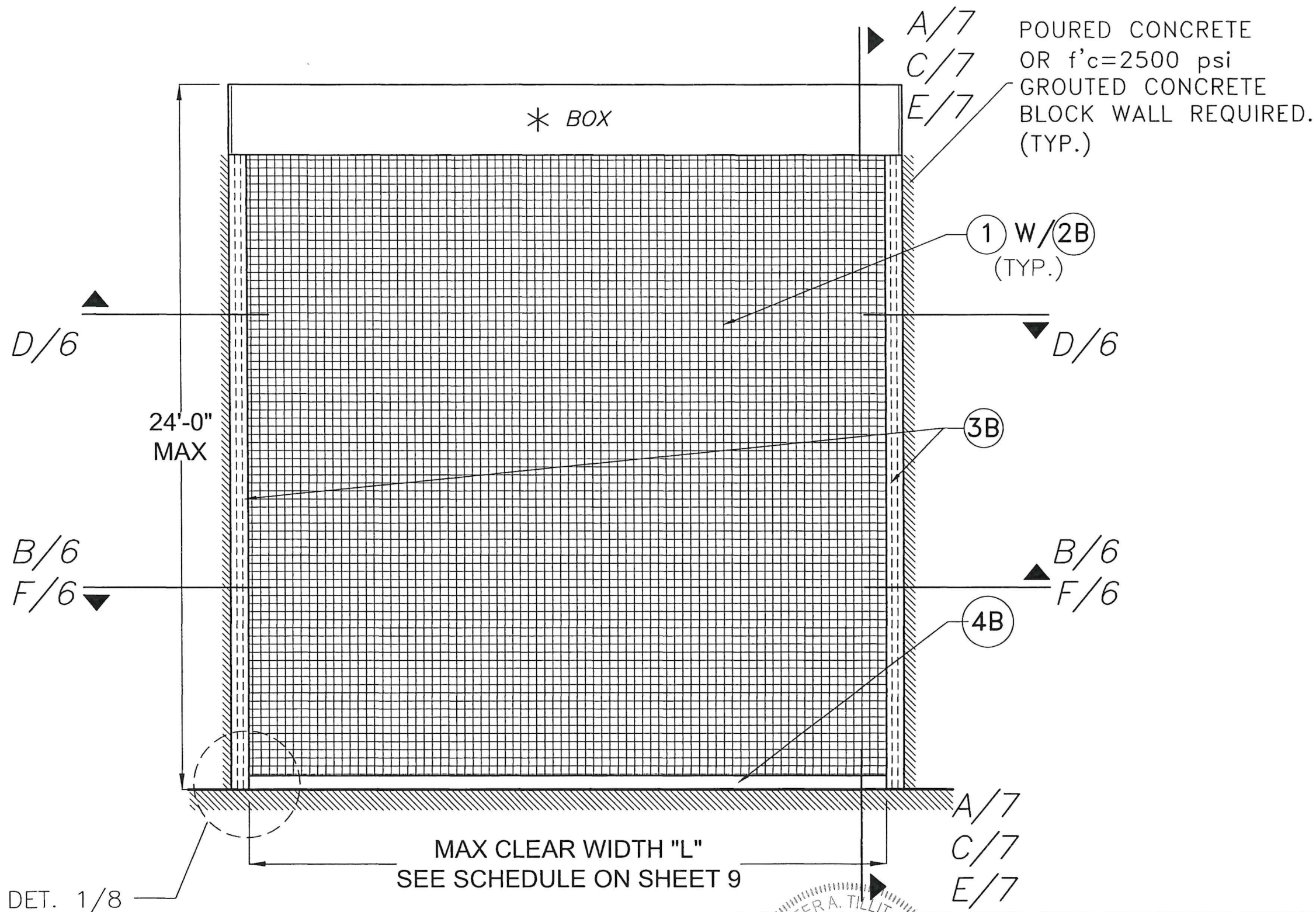
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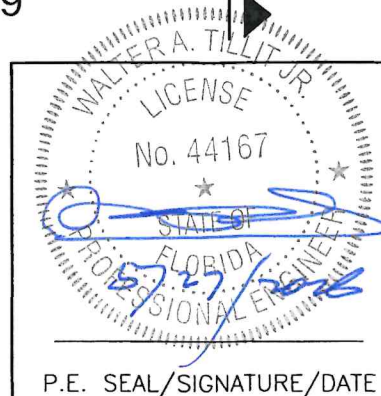
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IMPACT PROTECTIVE FABRIC END RETENTION ROLLING SYSTEM (L.M.I.)						W.H. DRAWN BY:	
ROLLINGSHIELD Inc. 9875 NW 79th AVE. HIALEAH GARDENS MIAMI, FL. 33016						4/28/2026 DATE:	
						26-037 DRAWING No.	
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	SHEET 4 OF 9	
1	-	-	3	-	-		
2	-	-	4	-	-		



TYPICAL ELEVATION SCALE: N.T.S.



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HIALEAH GARDENS MIAMI, FL. 33016

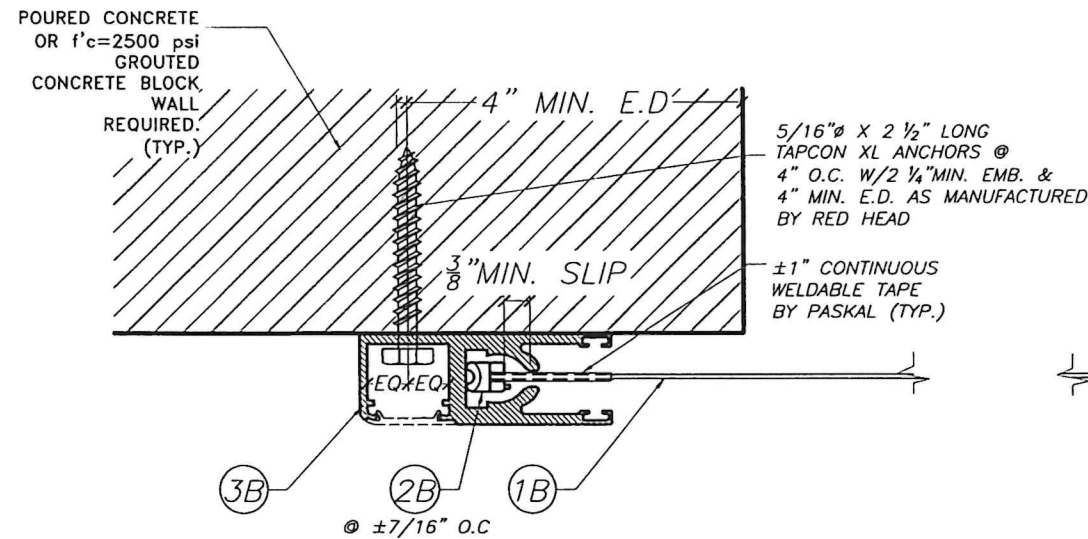
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4/28/2026
DATE:

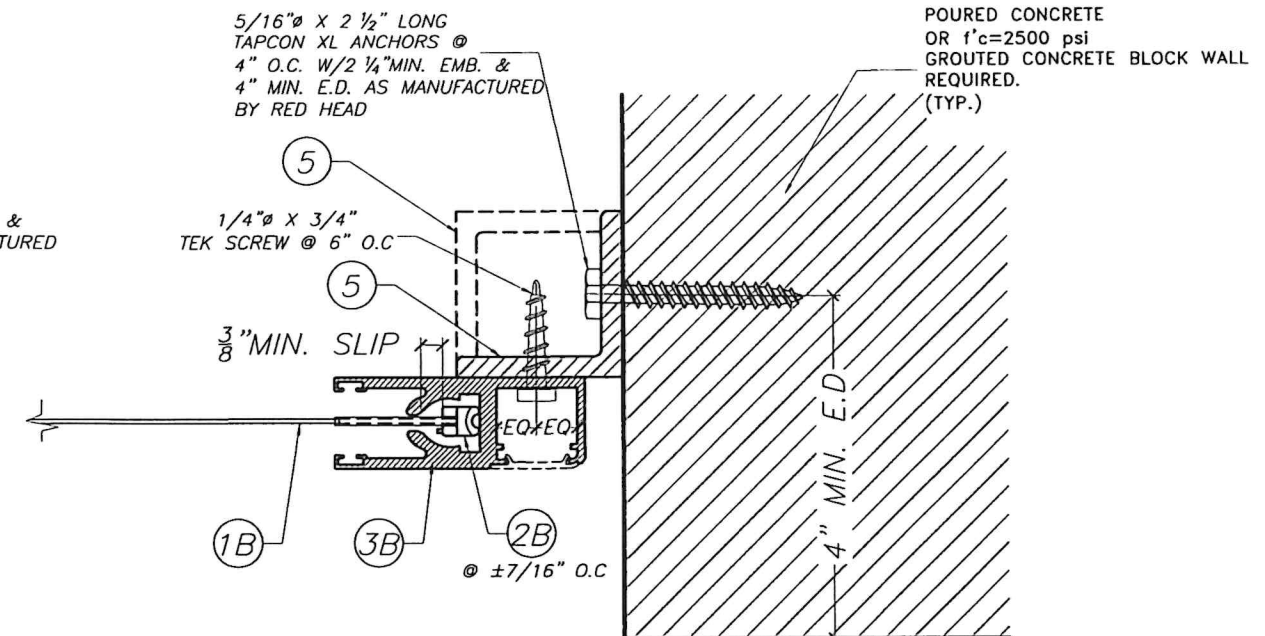
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SHEET 5 OF 9

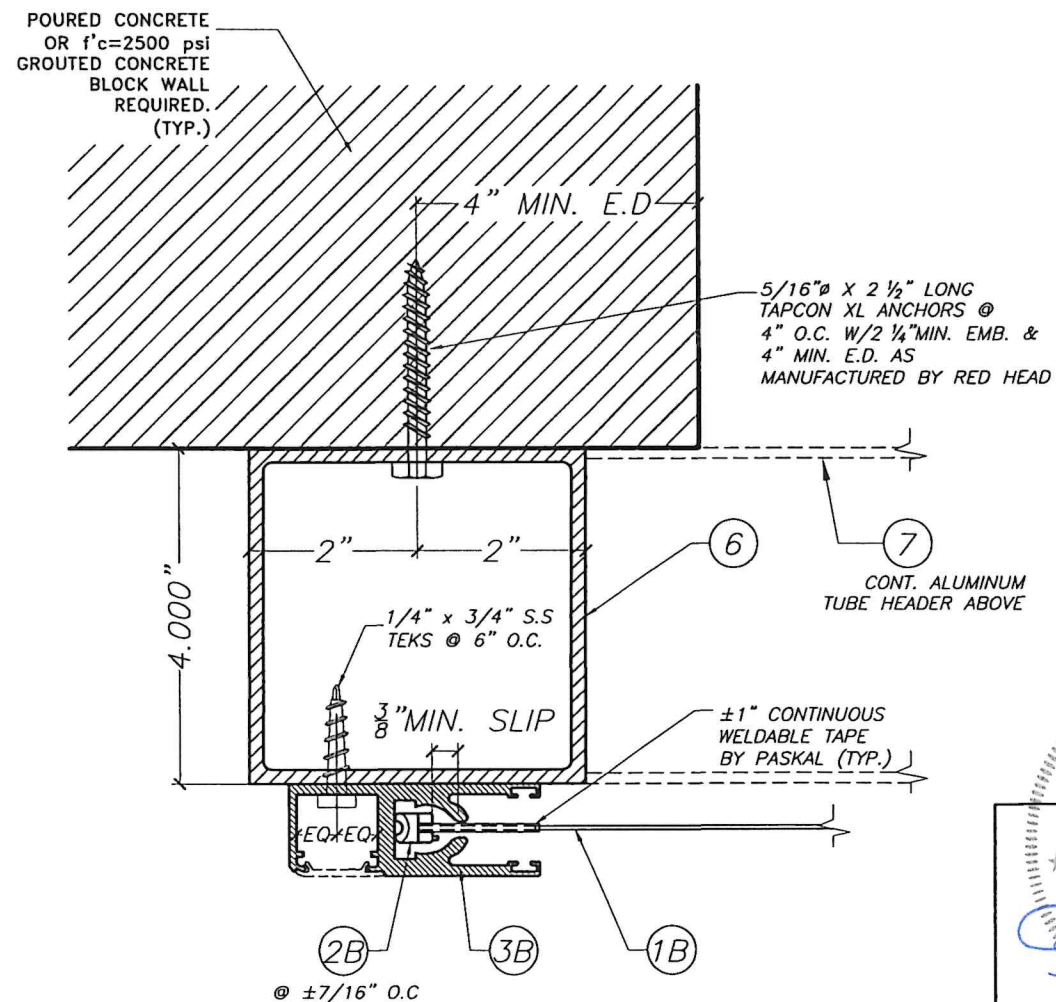
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SECTION B-B: WALL MOUNTED (PLAN)*
SCALE: N.T.S.

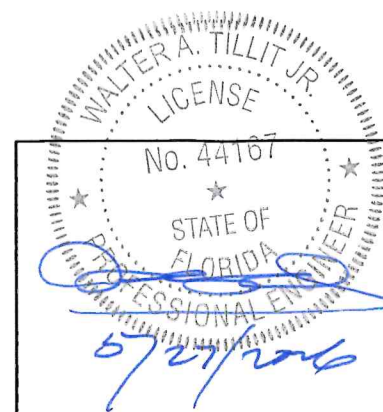


SECTION D-D: TRAPPED MOUNTED (PLAN)*
SCALE: N.T.S.



SECTION F-F: BUILD-OUT MOUNTED (PLAN)*
SCALE: N.T.S.

***MOUNTINGS CAN BE
COMBINED AS NEEDED
TO SUIT ANY
INSTALLATION.**



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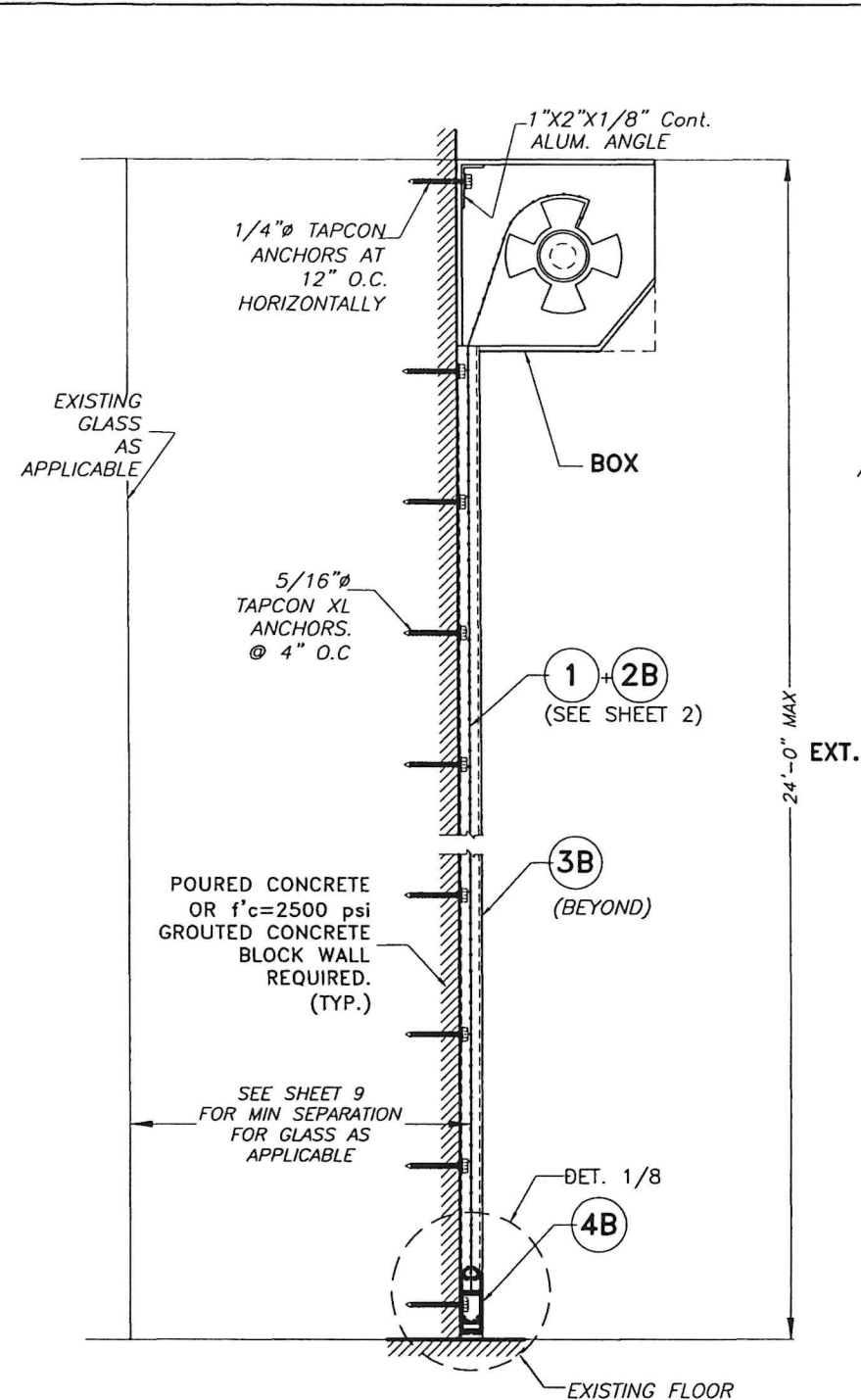
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DRAWN BY:

4/28/2026
DATE:

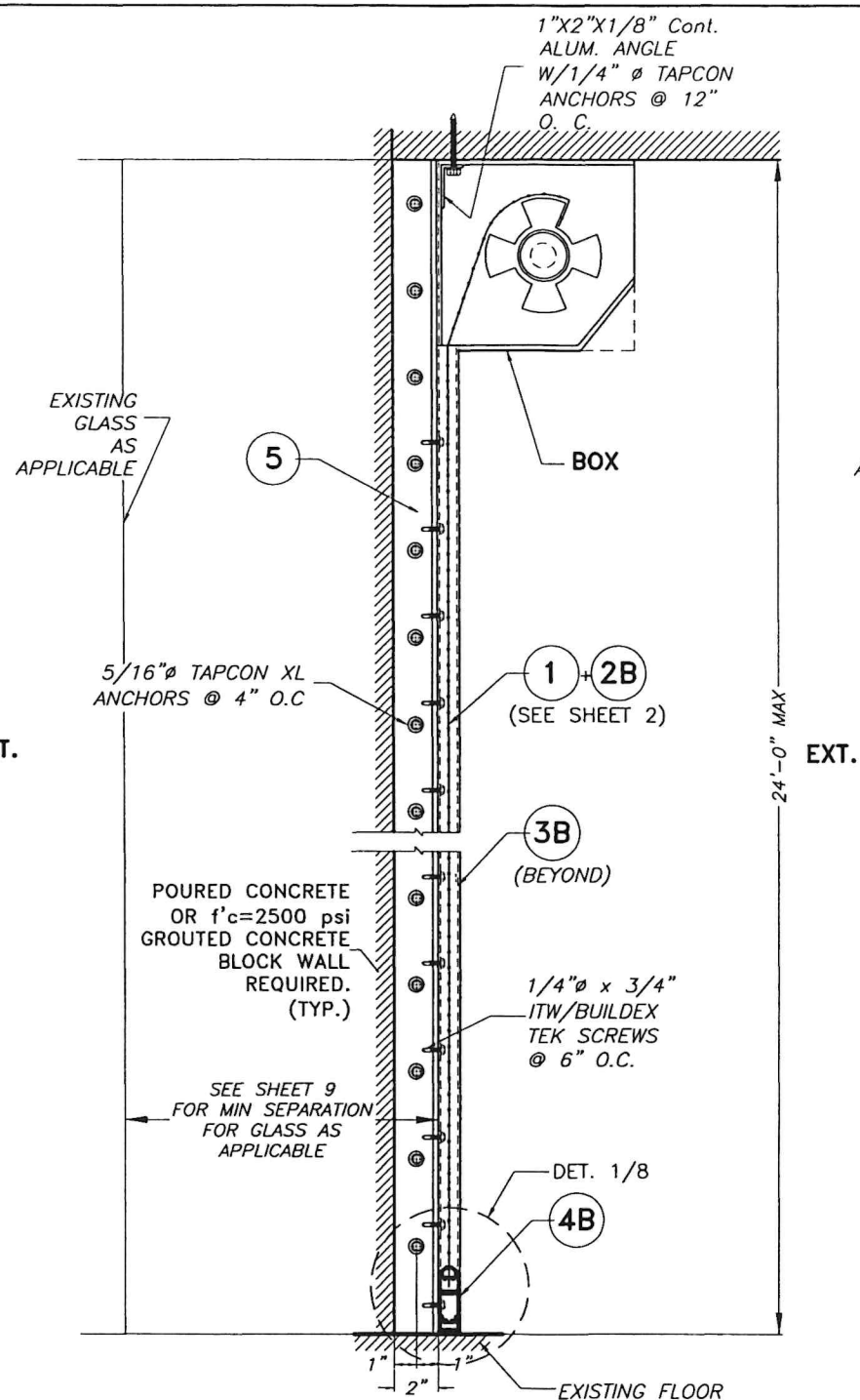
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SHEET 6 OF 9

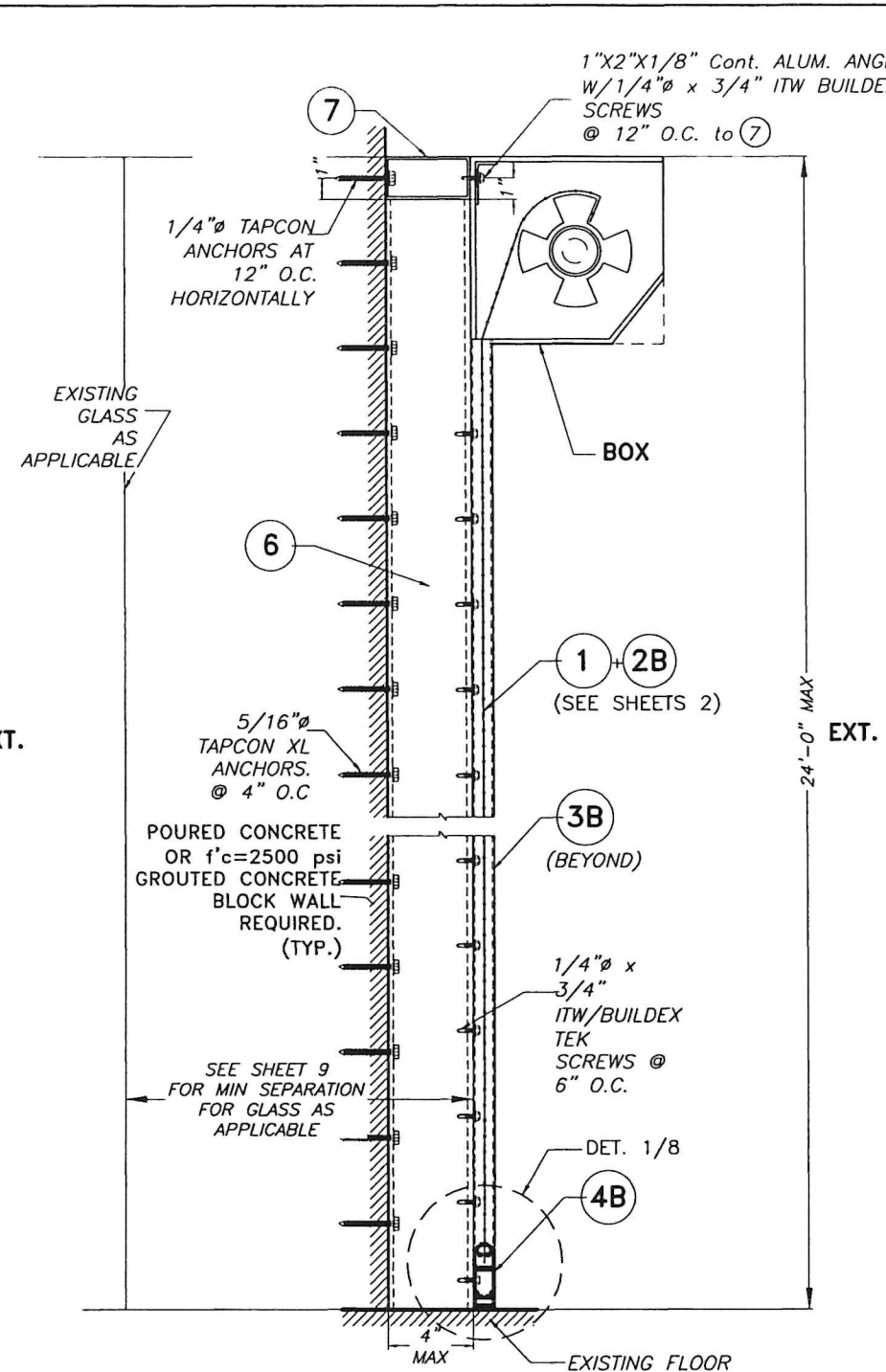
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**SECTION A-A
WALL MOUNTED**
SCALE N.T.S.



**SECTION C-C
TRAPPED MOUNTED**
SCALE N.T.S.



**SECTION E-E
BUILD OUT MOUNTED**
SCALE N.T.S.

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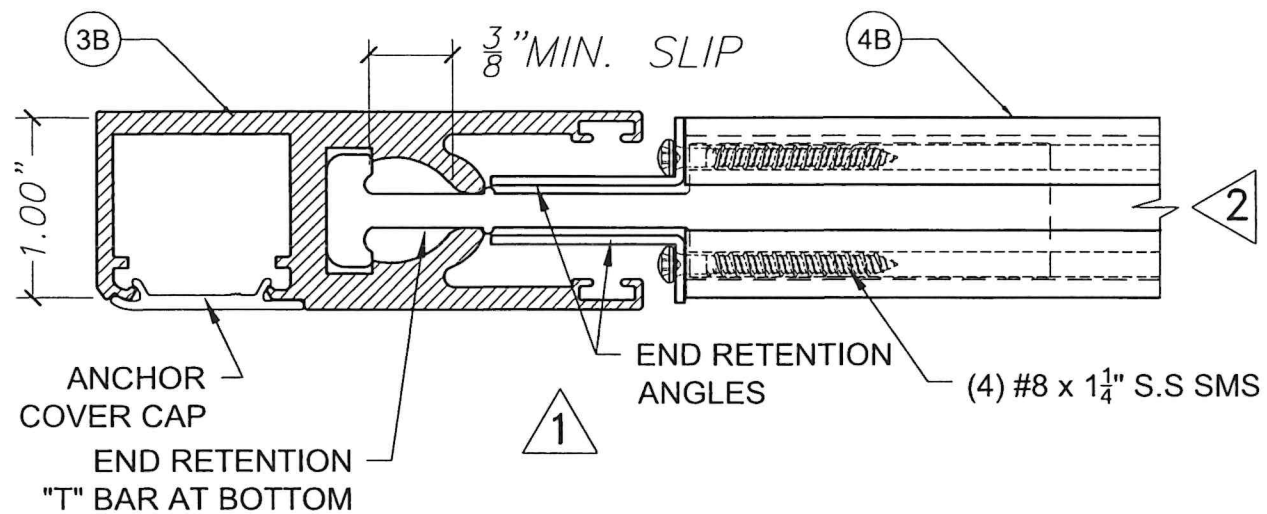
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4/28/2026
DATE:

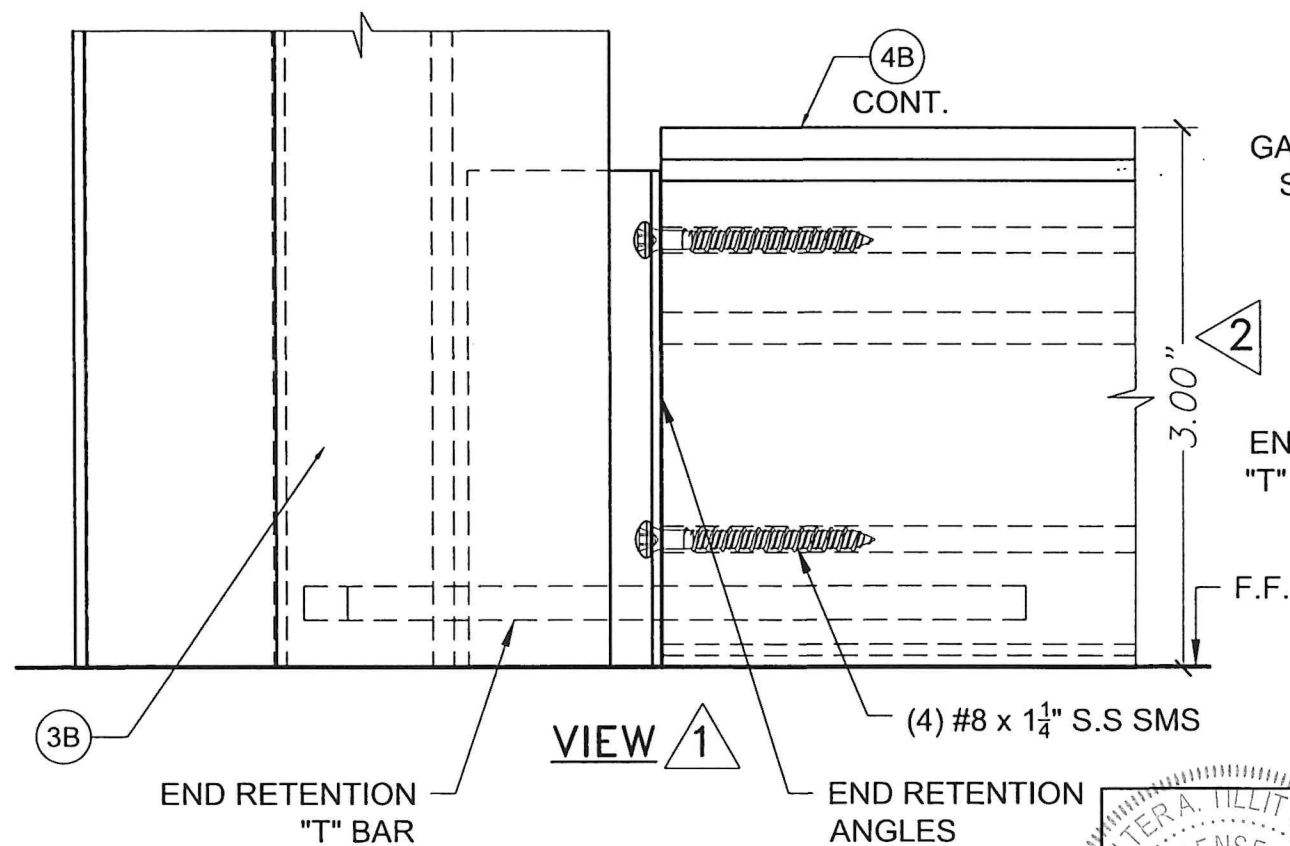
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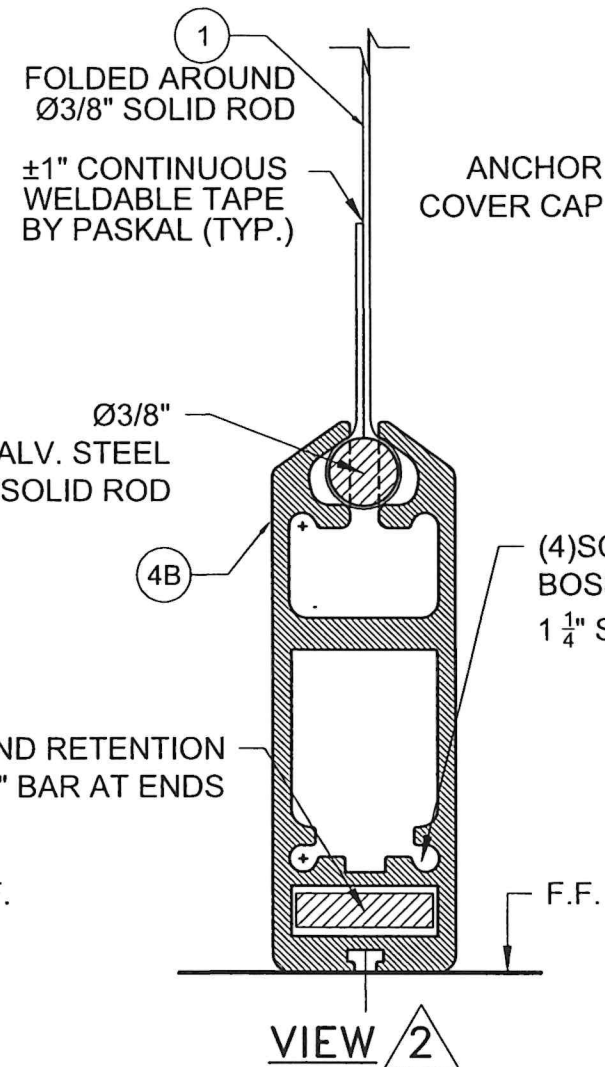
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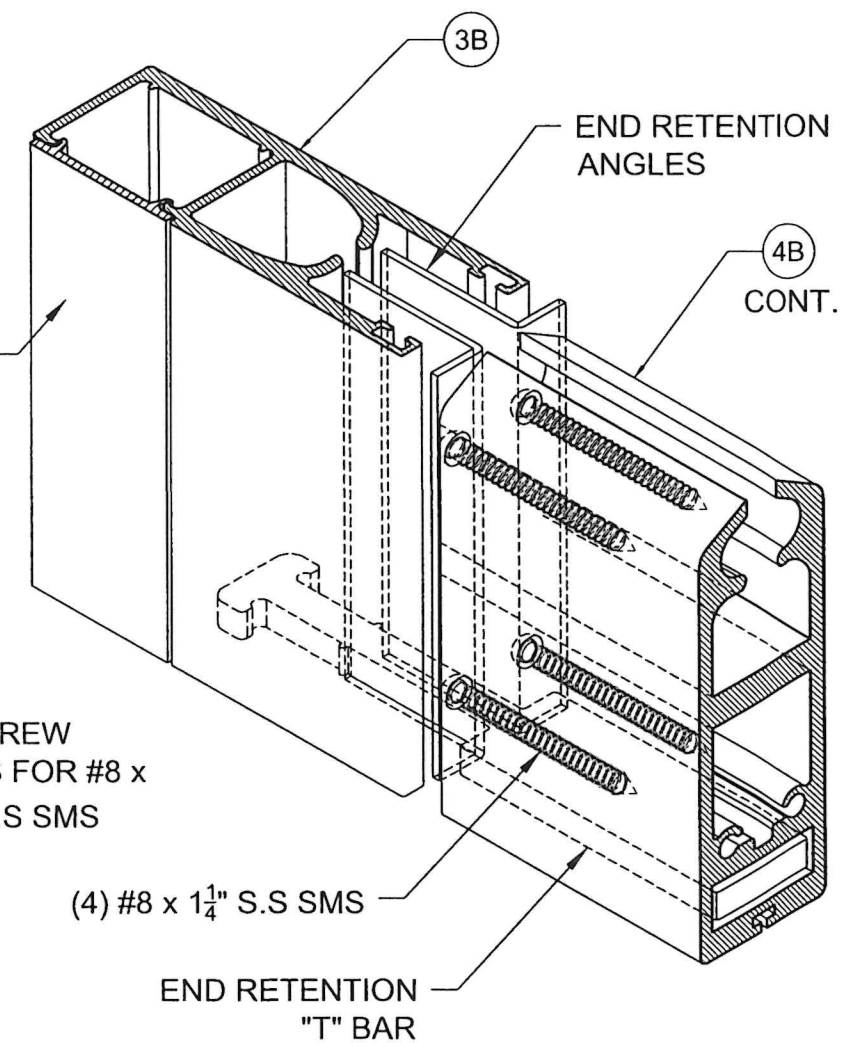
BOTTOM BAR ASSEMBLY (PLAN)



DETAIL 1
SCALE: N.T.S



VIEW 2



BOTTOM BAR ASSEMBLY ISOMETRIC
(COMPONENT ① NOT SHOWN FOR CLARITY)

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LICENSE
No. 44167
STATE OF FLORIDA
PROFESSIONAL ENGINEER
8/28/2026
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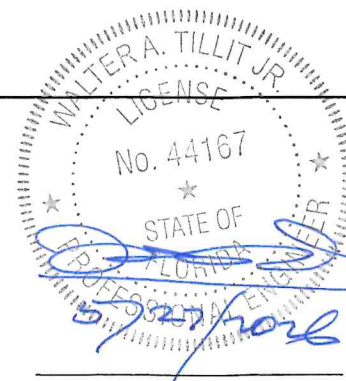
FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)					
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1	-	-	3	-	-
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					W.H. DRAWN BY:
					4/28/2026 DATE:
					26-037 DRAWING No.
					SHEET 8 OF 9

MAX CLEAR WIDTH "L" VS A.S.D. PRESSURE RATING
(ALL MOUNTINGS)

A.S.D. PRESSURE RATING (psf)	MAX PANEL WIDTH "L"
35.0	23'-6"
45.0	20'-0"
55.0	18'-0"
65.0	16'-6"
70.0	16'-0"
80.0	15'-9"
90.0	12'-6"
100.0	9'-6"
110.0	8'-0"
120.0	7'-6"

MIN SEPARATION TO GLASS GIVEN CLEAR WIDTH & A.S.D. PRESSURE RATING FOR H.V.H.Z. INSTALLATIONS

	H.V.H.Z. A.S.D. PRESSURE RATING (psf)		
MAX CLEAR WIDTH "L"	35.0 OR LESS	> 35.0 TO 70.0	> 70.0 TO 120.0
7'-6" OR LESS	6"	13 1/2"	16"
> 7'-6" TO 16'-0"	12"	18"	22"
> 16'-0" TO 23'-0"	19"	19"	-



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WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

IMPACT PROTECTIVE FABRIC
END RETENTION ROLLING SYSTEM (L.M.I.)

ROLLINGSHIELD Inc.
9875 NW 79th AVE.
HIALEAH GARDENS MIAMI, FL. 33016

W.H.
DRAWN BY:

DATE: 4/28/2026

26-037

DRAWING No.

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	-	-	3	-	-
2	-	-	4	-	-

SHEET 9 OF 9