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- 1. The guardrail end anchorage assembly represented on these drawings is a proprietary design by Road Systems, Inc. and marketed under the name FLEAT. Any infringement on the rights of the design shall be the sole responsibility of the user.
- 2. These drawings are sufficient for plan details of the FLEAT when installed in connection with shoulder guardrail and precludes the requirement for shop drawing submittals unless the plans call for such submittals. The FLEAT shall be assembled in accordance with the manufacturer's detailed drawings, procedures, and specifications.
- 3. The FLEAT is available in steel or timber post configurations.

The steel post components are:

Post #1 lower is W6" x 15# with soil plate welded

Post #1 upper is 6" x 6" x 1/8" tube and is bolted to post #1 lower with 5/8" bolt

Post 2 lower is W6" x 9#

Post 2 upper is W6" x 9# and is bolted to post #2 lower with 3/4" bolt

Posts #3 and beyond are W6" x 9# x 6'-0" guardrail posts

The wood post components are:

Post #1 and #2 lowers are 6' long 6" x 8" x 1/8" foundation tubes

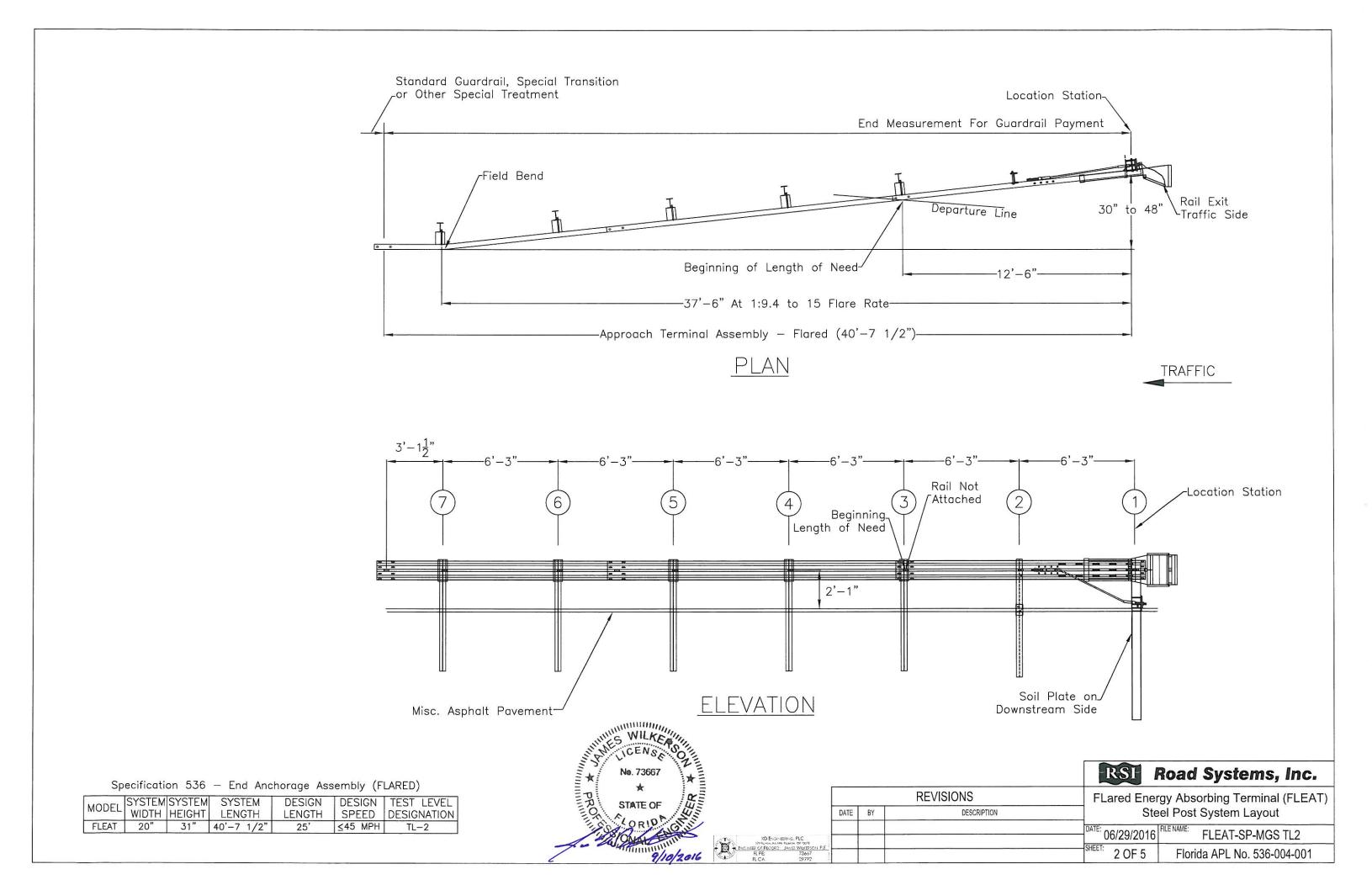
Post #1 and #2 uppers are 6" x 8" BCT wood posts

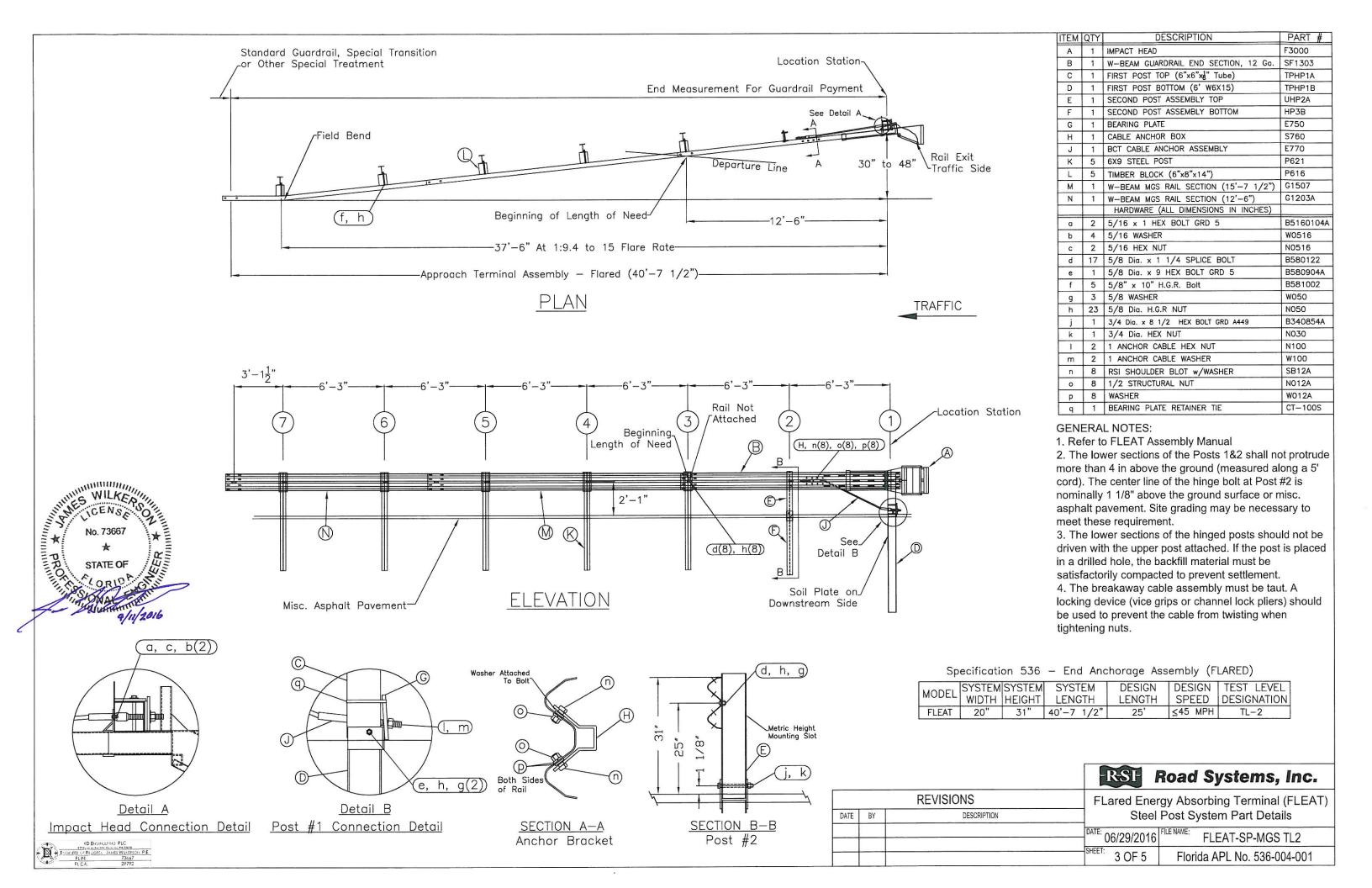
Posts #1 and #2 are connected with a ground strut and 5/8" bolts

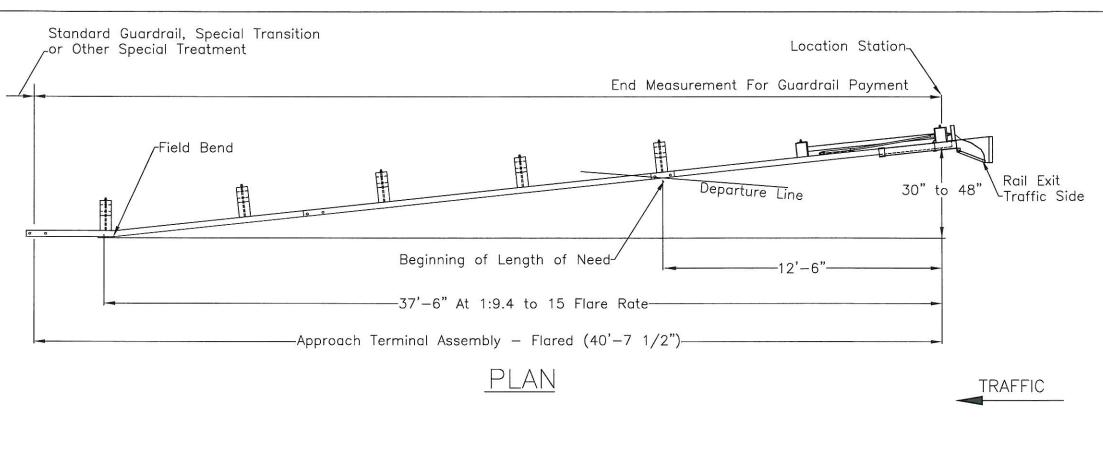
Posts #3 and beyond are 6'-0" long CRT wood posts

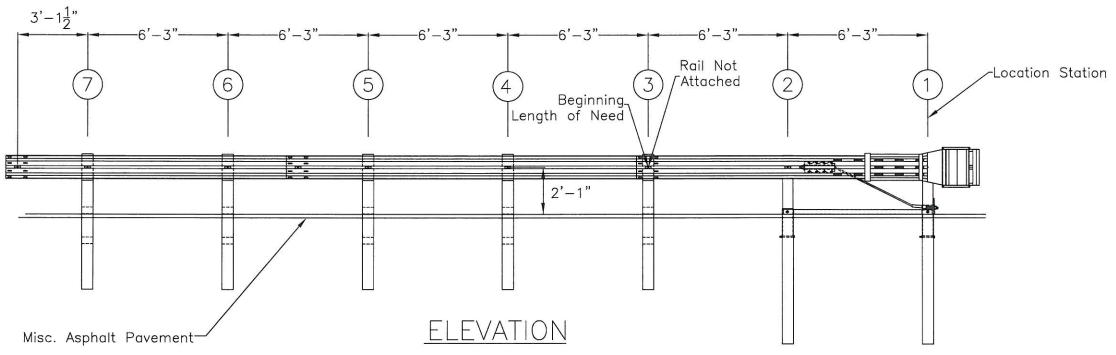
- 4. The FLEAT is intended for use as an approach terminal for shoulder guardrail applications. The beginning length of need point is located at Post 3 (see Sheets 2 and 4).
- 5. The FLEAT shall be installed as a flared approach terminal.
- 6. The FLEAT can only be used with single-faced guardrail.
- 7. For detail of shoulder grading around end treatments, miscellaneous asphalt pavement and pay limits, see Index 400.
- 8. The FLEAT shall be paid for under the contract unit price of Guardrail, approach terminal (Flared), per EA.
- 9. Site Conditions: The steel post system is not permitted adjacent to sidewalks.

			Road Systems, Inc.
REVISIONS		REVISIONS	FLared Energy Absorbing Terminal (FLEAT)
DATE	BY	DESCRIPTION	(2'-1" Mounting Height/TL-2/Flared)
			DATE: 06/29/2016 FILE NAME: FLEAT-SP-MGS TL2
			SHEET: 1 OF 5 Florida APL No. 536-004-001











Specification 536 — End Anchorage Assembly (FLARED)

MODEL			SYSTEM LENGTH	DESIGN LENGTH		TEST LEVEL
FLEAT	20"	31"	40'-7 1/2"	25'	≤45 MPH	

XD ENGINEERING, PLC		
200	927 FELICIE AVENIA	PENNIN, OL73078
+ DXO +	ENCIDENCE OF PECOND: FLPE.	JAMES WILKERSON, P.E.
100	FL PE.	73667
112	SLCA:	20702

Ca. Westler			RSI Road Systems, Inc.
		REVISIONS	FLared Energy Absorbing Terminal (FLEA
DATE	BY	DESCRIPTION	Wood Post System Layout
- 20			DATE: 06/29/2016 FILE NAME: FLEAT-SP-MGS TL2
			SHEET: 4 OF 5 Florida APL No. 536-004-001

