SHEET NO	DESCRIPTION					
1 OF 4	GENERAL NOTES					
2 OF 4	X-LITE PARALLEL END TERMINAL SYSTEM LAYOUT					
3 OF 4	X-LITE PARALLEL END TERMINAL SYSTEM DETAILS					
4 OF 4	BILL OF MATERIALS					

## 31" X-LITE END TERMINAL - PARALLEL

- THE GUARDRAIL END ANCHORAGE SYSTEM REPRESENTED ON THIS QUALIFIED PRODUCT LIST (QPL) IS A PROPRIETARY DESIGN BY BARRIER SYSTEMS, INC (BSI) AND MARKETED UNDER THE TRADE NAME X-LITE.
- 2. THESE DRAWINGS ARE SUFFICIENT FOR PLAN DETAILS FOR THE X-LITE PARALLEL END TERMINAL WHEN INSTALLED IN CONNECTION WITH SHOULDER GUARDRAIL, AND PRECLUDES THE REQUIREMENT FOR SHOP DRAWING SUBMITTALS UNLESS THE PLANS OTHERWISE CALL FOR SUCH SUBMITTALS. THE X-LITE PARALLEL END TERMINAL SHALL BE ASSEMBLED IN ACCORDANCE WITH THE MANUFACTURER'S DETAILED DRAWINGS, PROCEDURES, AND SPECIFICATIONS.
- THE X-LITE PARALLEL END TERMINAL IS AVAILABLE IN A STEEL POST CONFIGURATION ONLY. POSTS #1AND #3 ARE CRIMPED STEEL W6X8.5 OR W6X9 WIDE FLANGE POSTS. POST #2 IS A SPECIAL STEEL FLANGED POST WITH AN INTEGRAL SOIL PLATE (SEE MANUFACTURER DETAILS).
- 4. THE X-LITE PARALLEL END TERMINAL IS INTENDED FOR USE AS AN APPROACH END GUARDRAIL ANCHORAGE FOR SHOULDER GUARDRAIL. THE BEGINNING OF LENGTH OF NEED IS LOCATED AT POST #3. THE EFFECTIVE LENGTH OF THE X-LITE PARALLEL END TERMINAL IS 53'-1 1/2". THE ALIGNMENT OF THE X-LITE PARALLEL END TERMINAL CAN BE OFFSET UP TO 2'-0"
- THE X-LITE PARALLEL END TERMINAL CANNOT BE USED IN MEDIANS WHERE HORIZONTAL CLEARANCE REQUIRES
  THE USE OF A BACKRAIL.
- 6. FOR DETAILS OF SHOULDER WIDENING, MISCELLANEOUS ASPHALT PAVEMENT AND PAY LIMITS, SEE INDEX 400.
- 7. THE X-LITE PARALLEL END TERMINAL SHALL BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR GUARDRAIL, END ANCHORAGE ASSEMBLY (PARALLEL), PER EA AND SHALL BE FULL COMPENSATION FOR FURNISHING AND INSTALLING ALL COMPONENTS IN ACCORDANCE WITH THE PLANS, MANUFACTURER'S DETAILED DRAWINGS, PROCEDURES AND SPECIFICATIONS, AND THIS DRAWING.
- MAINTAIN A RELATIVELY CLEAR AND TRAVERSABLE RUN-OUT AREA BEHIND AND BEYOND ALL GATING END TERMINALS.
- SITE CONDITIONS: SINCE THE X-LITE IS ONLY AVAILABLE IN A STEEL POST CONFIGURATION, IT MAY NOT BE USED IF THE FRONT OF A SIDEWALK OR SHARED USE PATH IS LOCATED 4' OR LESS FROM THE BACK OF THE X-LITE POSTS.
- REGARDING THE ORIENTATION OF PANEL LAP SPLICES, INSTALL THE X-LITE SYSTEM AS SHOWN IN THE DRAWINGS, REGARDLESS OF THE DIRECTION OF TRAFFIC IN THE ADJACENT LANES (I.E. PANEL LAPPING MAY NOT BE IN THE DIRECTION OF TRAFFIC UNDER SOME CONDITIONS).
- 11. FOR THE X-LITE SYSTEM TO FUNCTION PROPERLY, I.E. TELESCOPE TO ABSORB ENERGY, THE GUARDRAIL PANELS WITHIN THE END TERMINAL MUST BE PROPERLY LAPPED STARTING FROM THE TERMINAL HEAD; FIRST PANEL IS LAPPED ON TOP OF START OF SECOND PANEL, SECOND PANEL IS LAPPED OVER TOP OF THIRD PANEL.

William * 68	1 16=	
PROTILITY	NO. 65903  * 91717  STATE OF  LORIDA  SONAL ESTIMATION	
	William Wall	

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		INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14,5-1994							ING HEIGHT/ TL3 PARALLEI	
DRAWN BY:	NMB	THIRD ANGLE PROJECTION	2	ADD NOTES 10&11	5/11/17	FDOT QPL NO. \$536-003-011				
DRAWN DATE:	4/29/14	67	1	ADD NOTE TO SHT 4	9/24/15	SIZE	DWG NO.		a wilde	REV.
APPR'D BY:	GAD		0	AP01031	4/29/14	<b>1</b> B		BSI-1401002	2-AP	2
APPR'D DATE:	11/4/14	DO NOT SCALE DRAWING	REV	ECN#	DATE	SCALE	NTS		SHEET 1 OF 4	
	<b>A</b>			2				1		

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