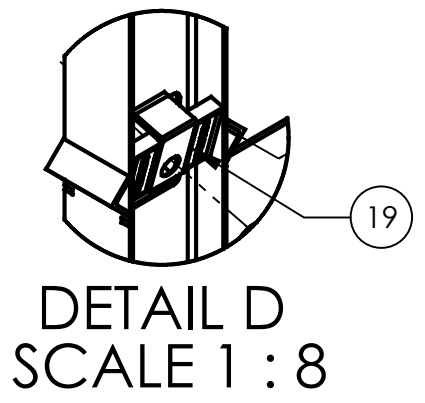


Find No.	No.	Description	QTY	UOM
1	BSI-1310027-00	XLITE, CRIMPED POST HOLES, GALV	4	EA
2	BSI-1012086-00	POST II, X-LITE, GALV	1	EA
3	BSI-1012103-00	IMPACT HEAD, X-LITE, GALV	1	EA
4	BSI-1012093-00	SLIDER PANEL, FRONT, XLITE, GALV	1	EA
5	BSI-1012090-00	Slider Bracket, X-Lite	1	EA
6	BSI-1012096-00	BACK SLIDER PANEL, X-LITE, GALV	1	EA
7	BSI-1102001-KT	Ground Strut Kit, X-Lite	1	EA
8	BSI-1012104-00	Cable Anchor Assembly, X-Lite	1	EA
9	K080123	Kit, X-Tension Shear Bolt,	1	EA
10	BSI-1102027-00	WASHER, SQUARE, X-LITE, GALV	1	EA
11	B090534	W-Beam Composite Blockout Bin,	5	EA
12	4001115	Guardrail Bolt 5/8-11x 1 1/4	16	EA
13	2000464	Bolt CH 5/8-11x1 1/2 Gr5 MGal	1	EA
14	2000465	Bolt CH 5/8-11x9 Gr5 MGal	5	EA
15	4001116	Guardrail Nut Recessed 5/8-11	22	EA
16	2001380	Wshr 3/4 F436 Flat Rd Struct	1	EA
17	4000443	W-Beam Guardrail RWM02a	3	EA
18	BSI-1106016-KT	X-Lite Soil Plate Kit	1	EA
19	BSI-1303005-00	Bracket, X-Lite, Cable Retenti	1	EA
20	MANXLF	X-Lite Flared Installation	1	EA
21	BSI-1310024-00	XLITE, CRIMPED POST SLOTS, GALV	1	EA

USE BOLT (ITEM 14) TO INSTALL BLOCKOUT (ITEM 11) TO CRIMPED POST (ITEM 1), DO NOT PASS BOLT THROUGH W-BEAM GUARDRAIL PANELS.

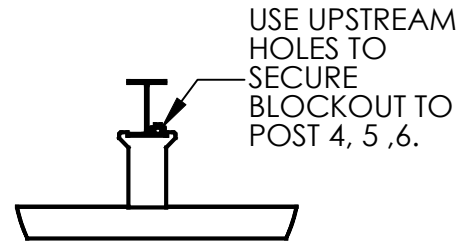
USE BOLT (ITEM 14) TO INSTALL SLIDER PANEL, BACK (ITEM 6), BLOCKOUT (ITEM 11) TO CRIMPED POST (ITEM 1), DO NOT PASS BOLT THROUGH BOTH W-BEAM GUARDRAIL PANELS.



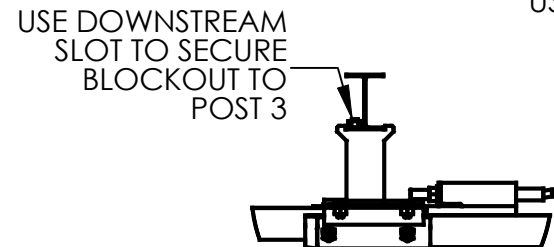
1. INSTALL SLIDER PANEL, FRONT (ITEM 4) TO FIRST W-BEAM GUARDRAIL PANEL USING ITEMS 12 & 15. HEX NUTS TO BE ON TRAFFIC SIDE.
 2. INSTALL SLIDER BRACKET (ITEM 5) TO SECOND W-BEAM GUARDRAIL PANEL USING ITEMS 12 & 15.
 3. AFTER STEPS 1 & 2 SECURE FIRST AND SECOND W-BEAM GUARDRAIL PANEL USING ITEMS 6, 12 & 15. HEX NUTS TO BE ON TRAFFIC SIDE.
4. SLOTS ON POSTS 1 AND 2 TO FACE GUARDRAIL PANEL.
5. IF ROCK OR STIFF SOIL IS ENCOUNTERED, THE POST AND SOIL PLATE MAY BE INSTALLED BY AUGERING AND BACKFILLING THE HOLE. EXTRA CARE MUST BE TAKEN TO PREVENT SETTLEMENT OR LATERAL DISPLACEMENT OF THE POST. BACKFILL MATERIAL SHALL BE COMPACTED TO OPTIMUM COMPACTION.
6. IF ROCK IS ENCOUNTERED, THE SOIL PLATE MAY BE MODIFIED IF APPROVED BY THE PROJECT ENGINEER.

<small>© 2010 BARRIER SYSTEMS INC. THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BARRIER SYSTEMS INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF BARRIER SYSTEMS INC. IS PROHIBITED.</small>		<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE: RACTIONS DECIMAL ANGLE $\pm 1/16$.XX = $\pm .03$ $\pm 1/2^\circ$.XXX = $\pm .010$ </small>				<small>3333 Vaca Valley Parkway Ste 800 Vacaville, CA 95688 Tel: 888-800-3691 www.barriersystemsinc.com</small>	
APPROVALS		INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-1994		BARRIER SYSTEMS <small>A LINDSAY TRANSPORTATION SOLUTIONS COMPANY</small>		X-LITE SYSTEM ASSEMBLY FLARED	
DRAWN BY: AEM DRAWN DATE: 03/19/2013 APPR'D BY: JMT APPR'D DATE: 03/19/2013	THIRD ANGLE PROJECTION 	F 2165 11/12/13 E 2162 10/28/13 D 2028 03/19/13	REV ECN# DATE	TITLE X-LITE SYSTEM ASSEMBLY FLARED	SIZE DWG. NO. B XLFSUS	REV. F	SCALE 1:30 SHEET 1 OF 2

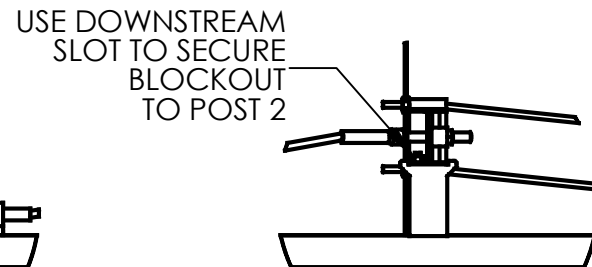
1. ENSURE GUARDRAIL BOLT IS BOLTED THROUGH BOTH GUARDRAIL PANELS, BLOCKOUT AND POST AT POST 7.



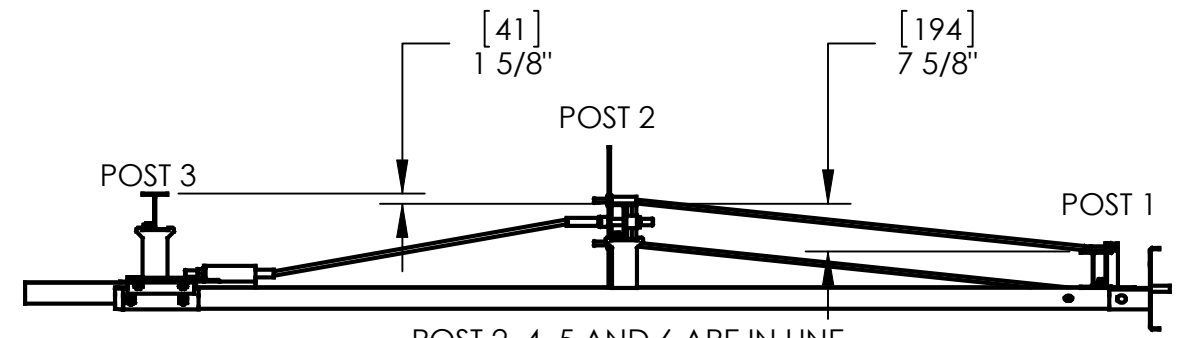
DETAIL A
SCALE 1 : 20



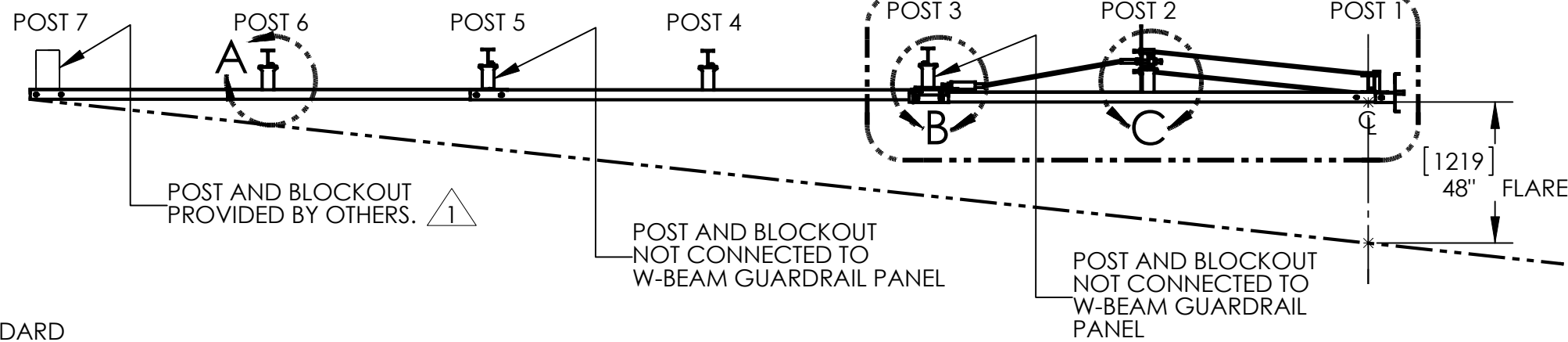
DETAIL B
SCALE 1 : 20



DETAIL C
SCALE 1 : 20



POST 2, 4, 5 AND 6 ARE IN LINE.
OFFSET POST 1 FROM POST 2 PER DIMENSION SHOWN.
OFFSET POST 3 FROM POST 2 PER DIMENSION SHOWN.
ALL DIMENSIONS ARE TO THE OUTSIDE FLANGE OF THE POSTS.



BEGIN STANDARD HIGHWAY W-BEAM GUARDRAIL.

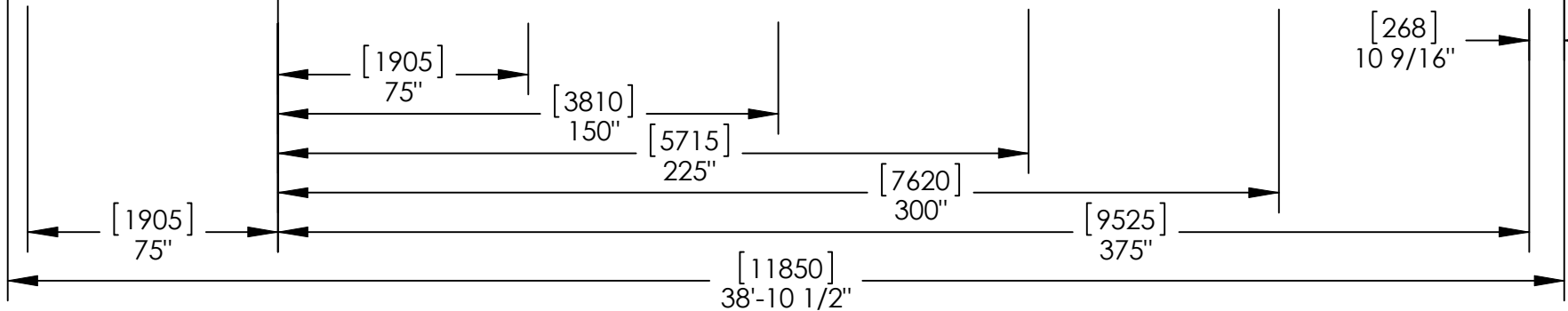
DIM. 'A' RAIL HEIGHT

POST 1 NO BLOCKOUT

DIM. 'B' HEAD HEIGHT

[551] 21 11/16"
DIM. 'C' POST HEIGHT

GROUND LINE



SYSTEM HEIGHT DIMENSIONS						
REFERENCE DIMENSIONS		INCHES	MM	OR	INCHES	MM
A	RAIL HEIGHT	27 5/8	700		31	790
B	HEAD HEIGHT	33 3/8	850		36 7/8	935
C	POST HEIGHT	28 1/4	720		31 3/4	805

SIZE	DWG. NO.	REV.
B	XLFSUS	F
SCALE	SHEET	
1:50	2 OF 2	