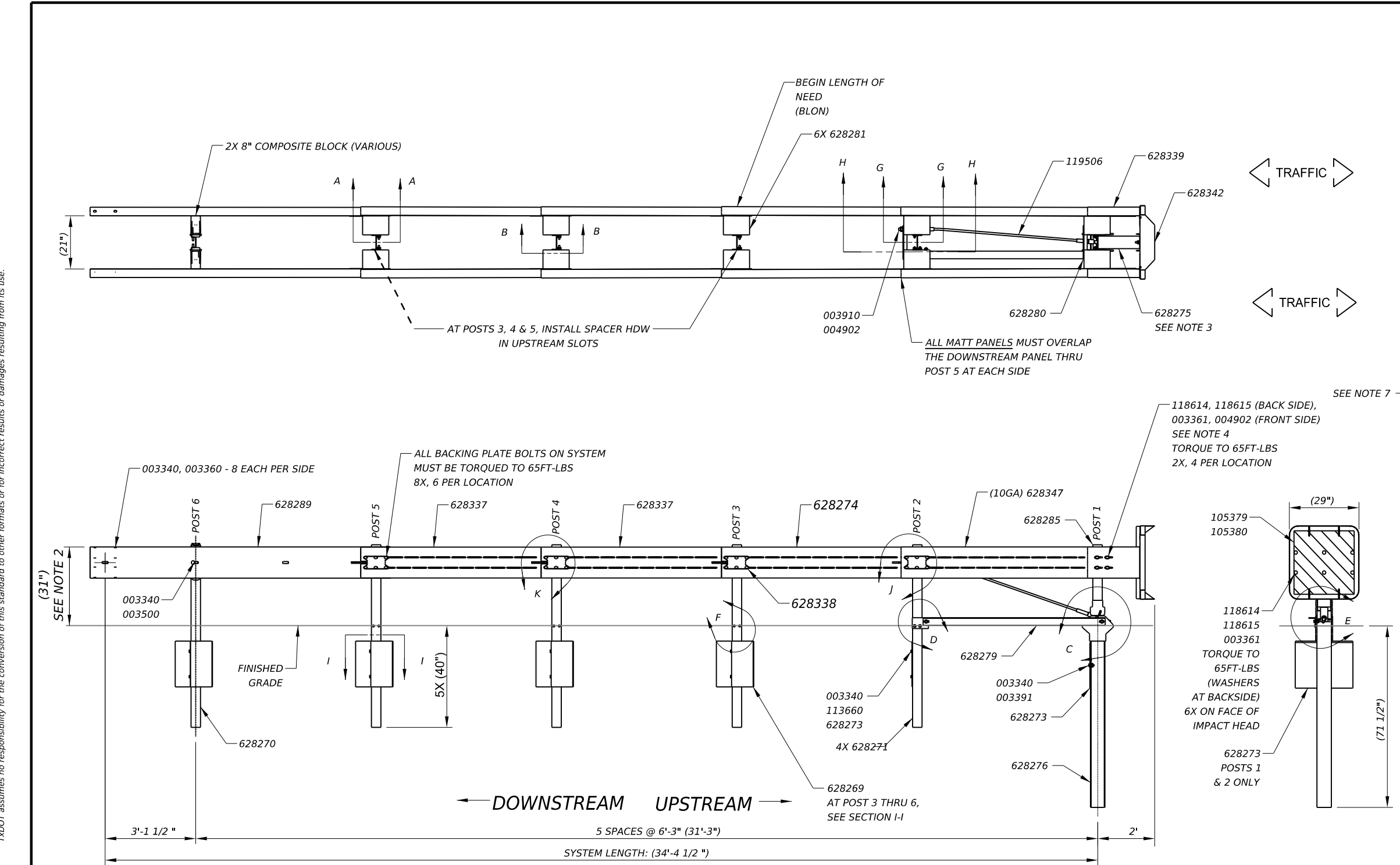


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PARTS LIST		
PART NO.	DESCRIPTION	QTY.
628276	MATT CR POST #1 BOTTOM	1
628271	6'0POST/W6X8.5/7/5 PL/SYT	4
628285	MATT CR POST #1 TOP	1
628280	MATT DOUBLE SPACER	2
628281	MATT SINGLE SPACER	6
628279	MATT ANGLE GROUND STRUT	1
003340	5/8" GR HEX NUT	36
033909	CRP-CBL BRKT FOR CRP PST	1
119506	CBL 3/4X7.5"/DBL SWG	1
003910	1" HEX NUT A563	2
628289	MATT 12G TRANS,W FIN-4	2
628337	MATT 12G INT,W FIN-3	4
628274	MATT 12G,W/O FIN-2	2
628342	MATT IMPACT HEAD	1
628275	MATT HEAD TUBE	1
628339	MATT 10G HEAD RAIL	2
628338	MATT BACKING PLATE	8
118614	BOLT,RAIL,5/8X2,A325/G5,G	62
118615	WASHER,FLAT,5/8,THICK,G	62
003361	5/8" HVY HEX NUT A563 DH	66
003360	5/8"X1.25" GR BOLT	16
003391	5/8"X1.75" HEX BOLT A325	6
004211	5/16"X1.75 HXBTA307 1-1/8	2
003240	WASHER,FLAT,5/16 W,TY A,G	2
003245	5/16" HEX NUT A563	2
628348	MATT STRUT ADAPTER PLATE	1
628347	MATT 10G FRONT,W/O FIN-1	2
004902	1" ROUND WASHER F436	10
004372	WASHER,FLAT,5/8,HRD,TY1,G	8
003403	5/8"X2" HEX BOLT A307	6
628270	6'0 POST/W6X8.5/7/5 PL	1
003500	5/8"X10" GR BOLT A307	2
113660	BOLT,HX,5/8X3 1/2,G5,G	10
628273	1/4"X18"X24" SOIL PL/4 H	2
628269	1/4"X15"X17" SOIL PL/MULT	4
118009	WASHER,FLAT,1/2X1 3/8,G	8
115939	NUT,HX,1/2,A563,G	4
113457	BOLT,HX,1/2X1 1/2,G2,G	4
VARIOUS	8" NOM DEPTH COMPOSITE BLOCKS	2
SEE TABLE	DELINEATION	REF

TABLE	
PART NO.	DESCRIPTION
105379	REF 25X25 BLK/YEL MEDIAN
105380	REFL 25X25 BLK/YEL GORE

- NOTES:
1. PROPER SITE GRADING MUST BE ACCOMPLISHED BEFORE ASSEMBLY AND IN ACCORDANCE WITH STATE/SPECIFYING AGENCY GUIDELINES AND/OR THE AASHTO ROADSIDE DESIGN GUIDE.
  2. GUARDRAIL INSTALLATION HEIGHT TO BE 31" ABOVE FINISHED GRADE, +1", -0".
  3. PRIOR TO TIGHTENING HARDWARE PUSH IMPACT HEAD UNTIL P/N 628275 TOUCHES UPPER PORTION OF POST 1.
  4. ENSURE 004902 IS APPROXIMATELY CENTERED WITH P/N 118614 PRIOR TO TIGHTENING
  5. THE INTEGRATED FINS IN THE PROVIDED MATT GUARDRAIL PANELS ARE ALWAYS POSITIONED UPSTREAM.
  6. UNDER NO CIRCUMSTANCES SHALL THE GUARDRAIL PANELS WITHIN THE MATT BE CURVED OR RADIUSUED.
  7. ALL 62 LOCATIONS OF 118614 MUST BE TORQUED TO 65FT-LBS. (±3 FT-LBS.)
  8. ALL FASTENERS NOT REQUIRED TO BE TORQUED SHALL BE TIGHTENED TO A SNUG POSITION WITH A MINIMUM OF 2 BOLT THREADS PROTRUDING BEYOND THE NUT.
  9. SEE MATT PRODUCT MANUAL FOR SOIL PLATE, STRUT AND ANCHOR CABLE ORIENTATION/LOCATION AS WELL AS SPECIFIC LAPPING GUIDANCE.

DATE: FILE:

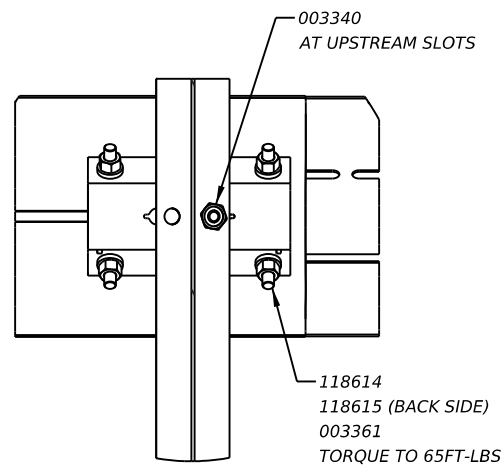
SACRIFICIAL

SHEET 1 OF 2

	DESCRIPTION	Design Division Standard
<b>MATT (MEDIAN ATTENUATING TREND TERMINAL) (MASH TL-3)</b>		
<b>MATT (1) - 23</b>		
FILE: Matt23.dgn	DN: TxDOT	CK: KM
© TxDOT: 2023	CONT	SECT
REVISIONS	JOB	HIGHWAY
DIST	COUNTY	SHEET NO.

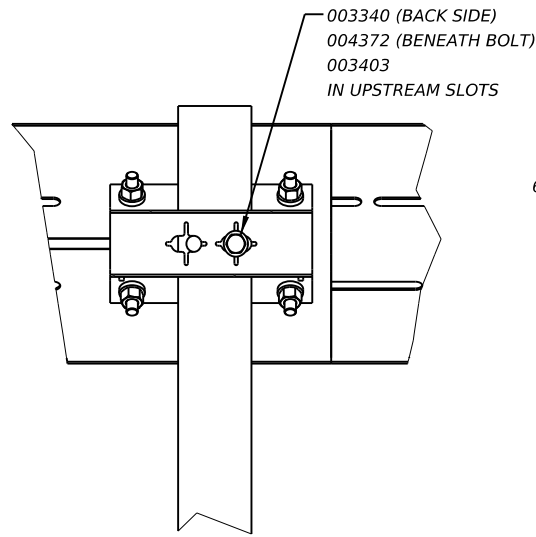
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DATE:  
FILE:



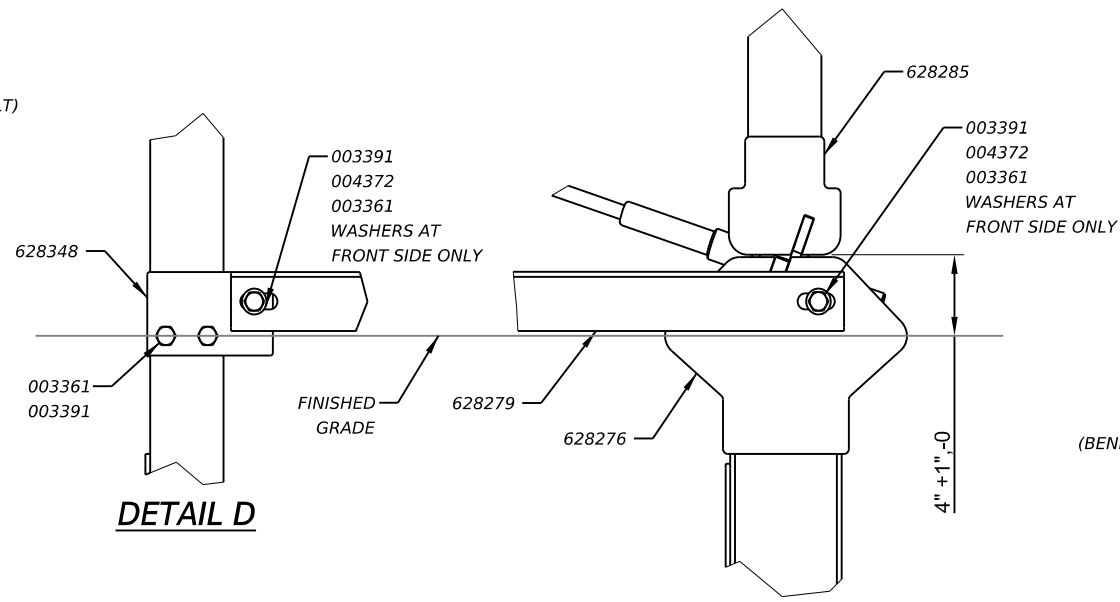
**SECTION A-A**

TYP AT SINGLE SPACERS ON POSTS 3,4,5  
USE UPSTREAM SLOTS ONLY



**SECTION B-B**

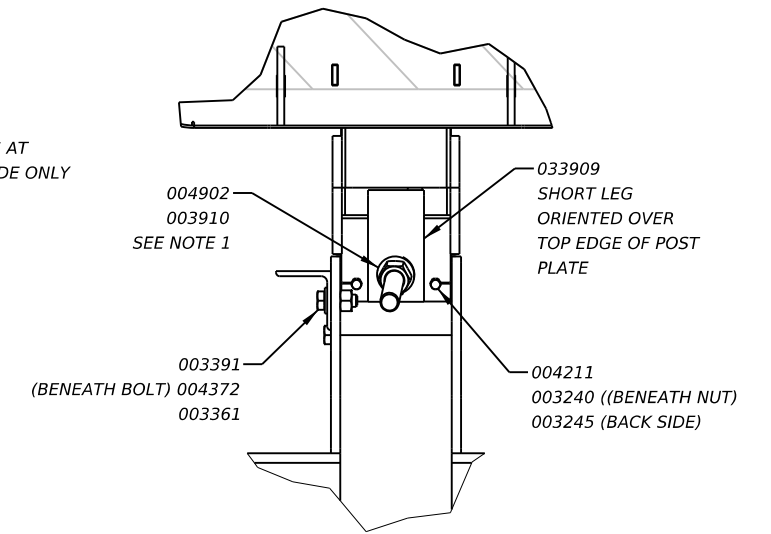
TYP AT SINGLE SPACERS ON POSTS 3,4,5  
USE UPSTREAM SLOTS ONLY



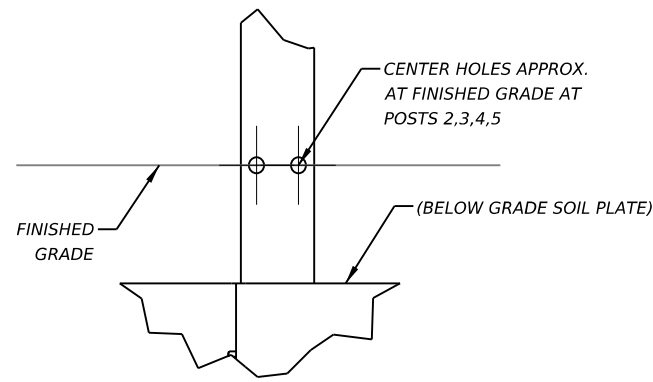
**DETAIL D**

**DETAIL C**

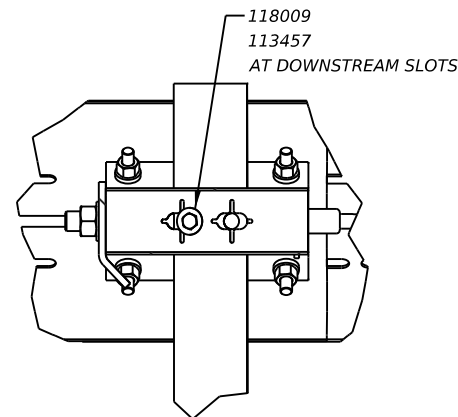
← DOWNSTREAM UPSTREAM →



**DETAIL E**

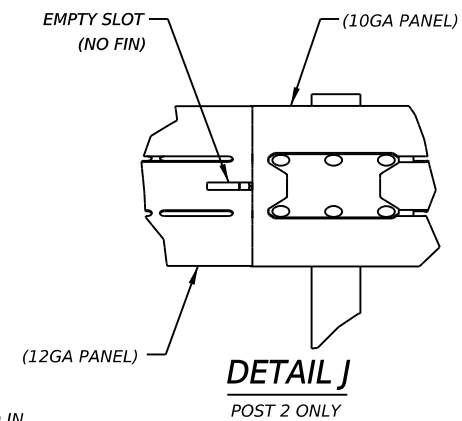


**DETAIL F**



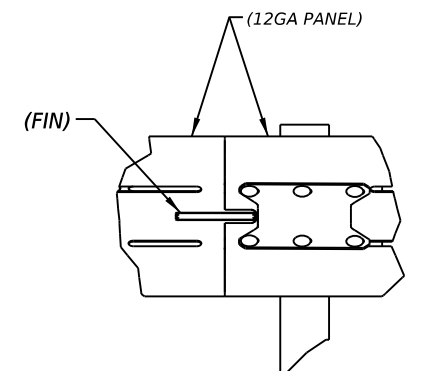
**SECTION H-H**

TYP AT DOUBLE SPACER ON POSTS 1 & 2



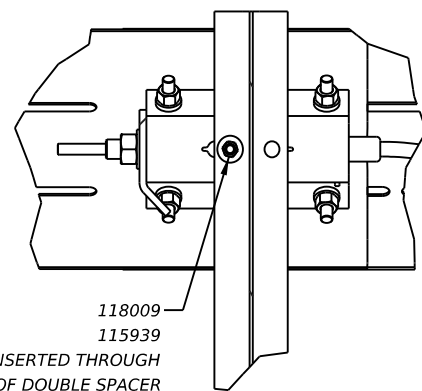
**DETAIL J**

POST 2 ONLY



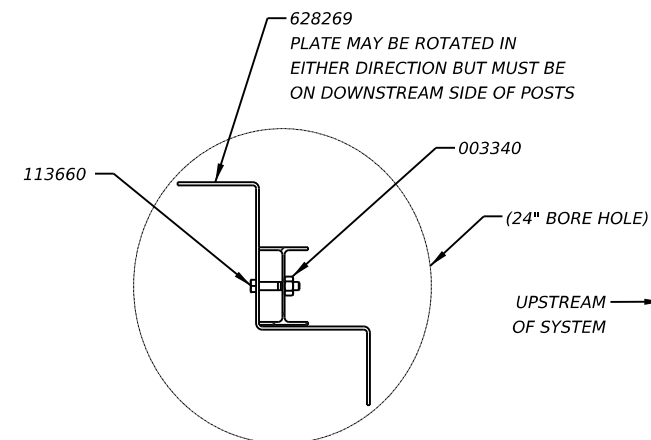
**DETAIL K**

TYP AT POSTS 3, 4, 5



**SECTION G-G**

TYP AT DOUBLE SPACER ON POSTS 1 & 2



**SECTION I-I**

TYP POSTS 3 THRU 6

NOTES:

1. TIGHTEN CABLE UNTIL TAUT. CABLE IS CONSIDERED TAUT WHEN IT DOES NOT DEFLECT MORE THAN 1" WHEN PRESSURE IS APPLIED BY HAND IN AN UP AND DOWN DIRECTION. RESTRAIN THE CABLE WITH PIPE WRENCH OR LOCKING PLIERS WHILE TIGHTENING NUT WITH A WRENCH TO PREVENT CABLE FROM TWISTING.
2. GUARDRAIL INSTALLATION HEIGHT TO BE 31" ABOVE FINISHED GRADE, +1", -0".
3. REFER TO MATT™ ASSEMBLY MANUAL FOR ADDITIONAL DETAILS.
4. ONLY ATTACH THE MATT™ DIRECTLY TO OTHER STRONG POST DOUBLE SIDED W-BEAM GUARDRAIL SYSTEMS, SEE MANUAL FOR DETAILS.

SHEET 2 OF 2

		<b>Design Division Standard</b>	
<b>MATT (MEDIAN ATTENUATING TREND TERMINAL) (MASH TL-3)</b>			
<b>MATT (1) - 23</b>			
FILE: Mat+23.dgn	DN: TxDOT	CK: KM	DW: CES
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REVISIONS		HIGHWAY	
DIST	COUNTY	SHEET NO.	

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