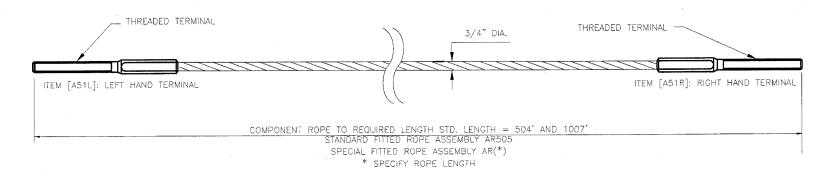
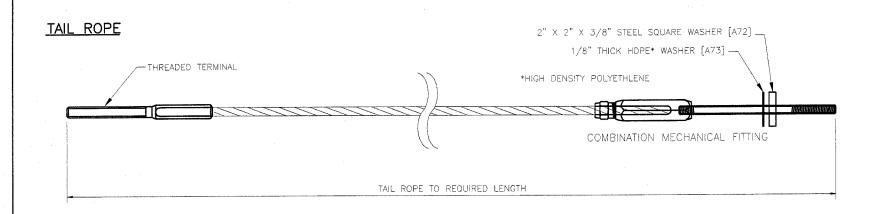


COMPONENT ROPE





△ Rev. Sheet 2-28-06

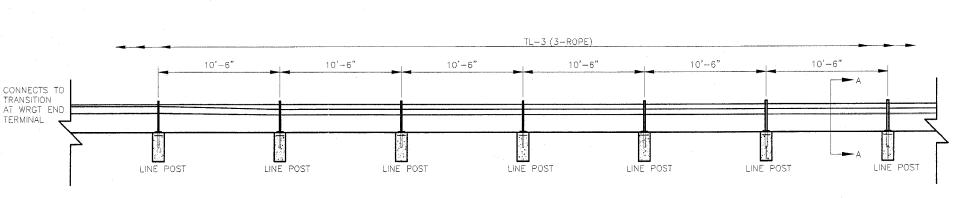
- NOTES:
 1. BRIFEN WIRE ROPE TO BE 3/4" (19mm) PRE-STRETCHED 3 X 7 CONSTRUCTION.
- 2. MINIMUM BREAKING LOAD OF FITTED ROPES SHALL BE 36,800 POUNDS (16.7 TONNE F METRIC).
- 3. COMBINATION MECHANICAL FITTING SHALL DEVELOP MINIMUM BREAKING LOAD AS STATED IN NOTE 2.
- 4. RIGGING SCREWS SHALL NOT BE LOCATED BETWEEN END ANCHORAGE AND TYPE POST 'A'. 5. WIRE ROPES ARE TO BE TENSIONED AFTER INSTALLATION AND RE-CHECKED AFTER 2-3 WEEKS.

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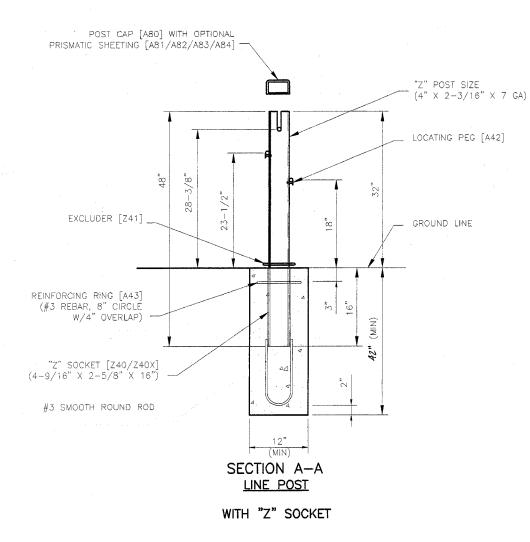
RIGGING SCREW [A52] (TURNBUCKLE) 14" ± RIGHT HAND THREADED LEFT HAND THREADED 1-3/4" MAX.

33	3KI			*	UJA	A INC.
R	evision					
No.	Date	WIRE ROPE AND FITTINGS				
1.	7.21.05	MW	Date		Drawn By	Scale
2.	8.01.05	MW	5.17.05	; ,	Aaron Wells	None
3.	8.04.05	MW				
4.	10.10.05	MW	VERSION 8.8		Sheet No.	
5.	12.16.05	MW	Dwg. No. wrsf-05-202a			2 of 11

2-27-06

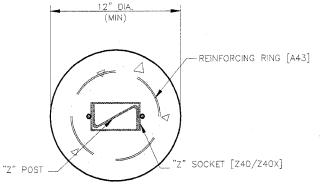


TYPICAL ELEVATION (SEE DETAIL BELOW)



CONCRETE SOCKETED FOUNDATION (DRIVEN STEEL SOCKET OPTIONAL)

THE PROPOSED DEPTHS OF THE CONCRETE SOCKETED FOUNDATIONS AS SHOWN IN THE BRIFEN USA DETAILS SHALL BE 42° (MINIMUM).



FOUNDATION PLAN VIEW

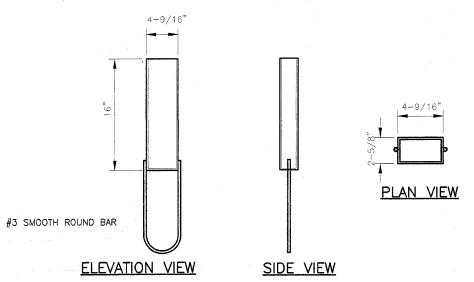
△Rev. Sheet 2-28-06

NOTES

- BRIFEN DRAWINGS, SPECIFICATIONS AND PRODUCT MANUAL SHOULD BE REVIEWED PRIOR TO STARTING AN INSTALLATION. FOR ASSISTANCE OR ADDITIONAL INFORMATION CALL 1-866-427-4336 TOLL FREE.
- 2. WIRE ROPE SAFETY FENCE (WRSF) IS RECOMMENDED FOR INSTALLATIONS ON SLOPES OF 6:1 OR FLATTER. THE AREA SHOULD BE RELATIVELY SMOOTH, WITHOUT EDGE DROP—OFF, ABRUPT SLOPE CHANGES, HOLES, DEBRIS, ETC. THAT COULD PREVENT A VEHICLE FROM IMPACTING THE WRSF WITH ALL WHEELS ON THE GROUND AND SUSPENSION NORMAL. SOME FILLING AND/OR GRADING AND COMPACTION MAY BE NECESSARY. THE ROPES MUST BE PLACED AT DESIGN HEIGHT ABOVE GROUND LINE. TOLERANCE IS ± 1".

TRACT NO. 60A09

- 3. WRSF MAY BE INSTALLED ON EITHER SIDE OF THE ROADWAY. THE RADIUS EDGE OF POSTS SHALL BE ON APPROACH SIDE OF TRAFFIC. ALSO SEE SHEET 5.
- 4. POSTS SHALL BE SOCKETED DESIGN, UNLESS OTHERWISE SPECIFIED; SPACING MAY BE DECREASED TO AVOID OBSTACLES. ADEQUATE CLEARANCE TO RIGID OBSTACLES SUCH AS BRIDGE PIERS, SIGN SUPPORTS, POWER POLES, AND TREES, IS CRITICAL. SEE PRODUCT MANUAL OR CONTACT MANUFACTURER.
- 5. CONCRETE TO BE 3,500 PSI MINIMUM. EXPOSED SURFACES TO BE HAND TROWELED.
- PRISMATIC REFLECTIVE SHEETING (ADHESIVE BACK) WHEN SPECIFIED SHALL BE FIELD APPLIED. SPECIFY COLOR, POST INTERVAL, AND SINGLE OR DOUBLE SIDED.
- 7. EXCLUDER TO BE PUSHED DOWN TIGHT AGAINST TOP OF SOCKET. SOCKET SHALL BE FLUSH WITH THE TOP OF THE FOUNDATION.
- 8. END ANCHORAGE AND POST FOUNDATION SIZES ARE DETERMINED BY SOIL CLASSIFICATION AND CONDITION AS WELL AS TEMPERATURE EXTREMES. REFER TO PRODUCT MANUAL OR CONTACT BRIFEN USA REPRESENTATIVE FOR TECHNICAL ASSISTANCE.

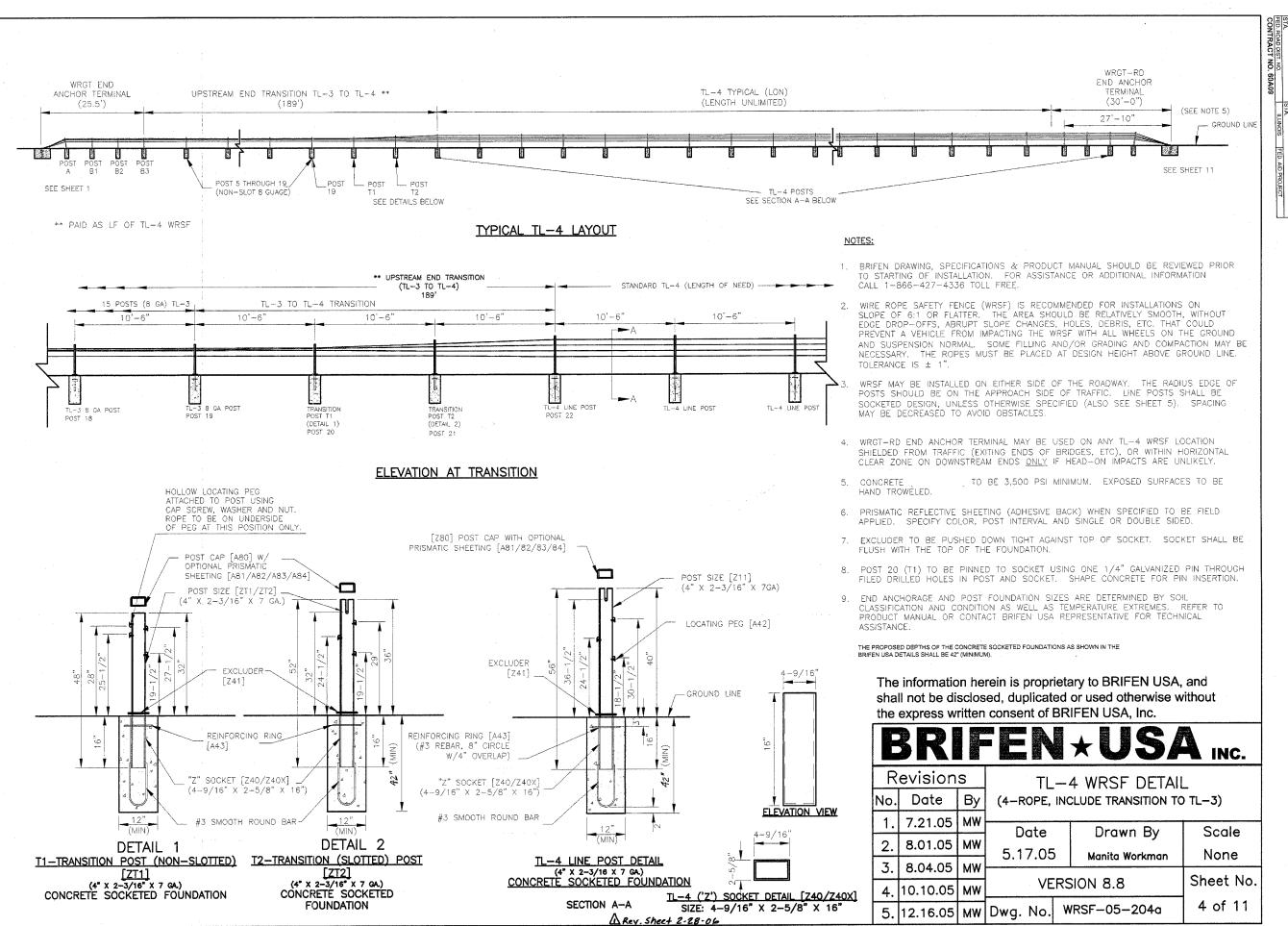


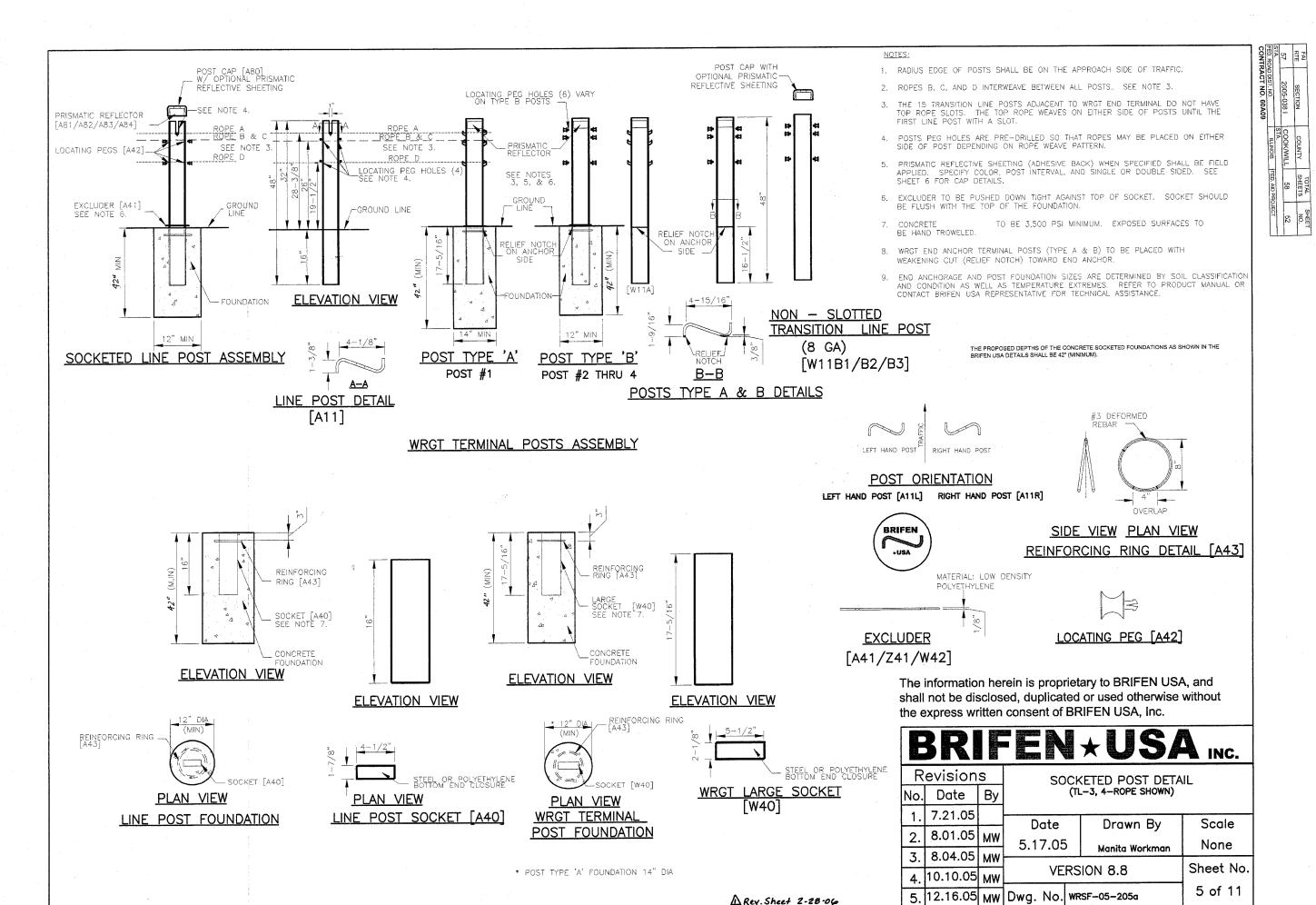
'Z' SOCKET DETAIL
[Z40/Z40X]

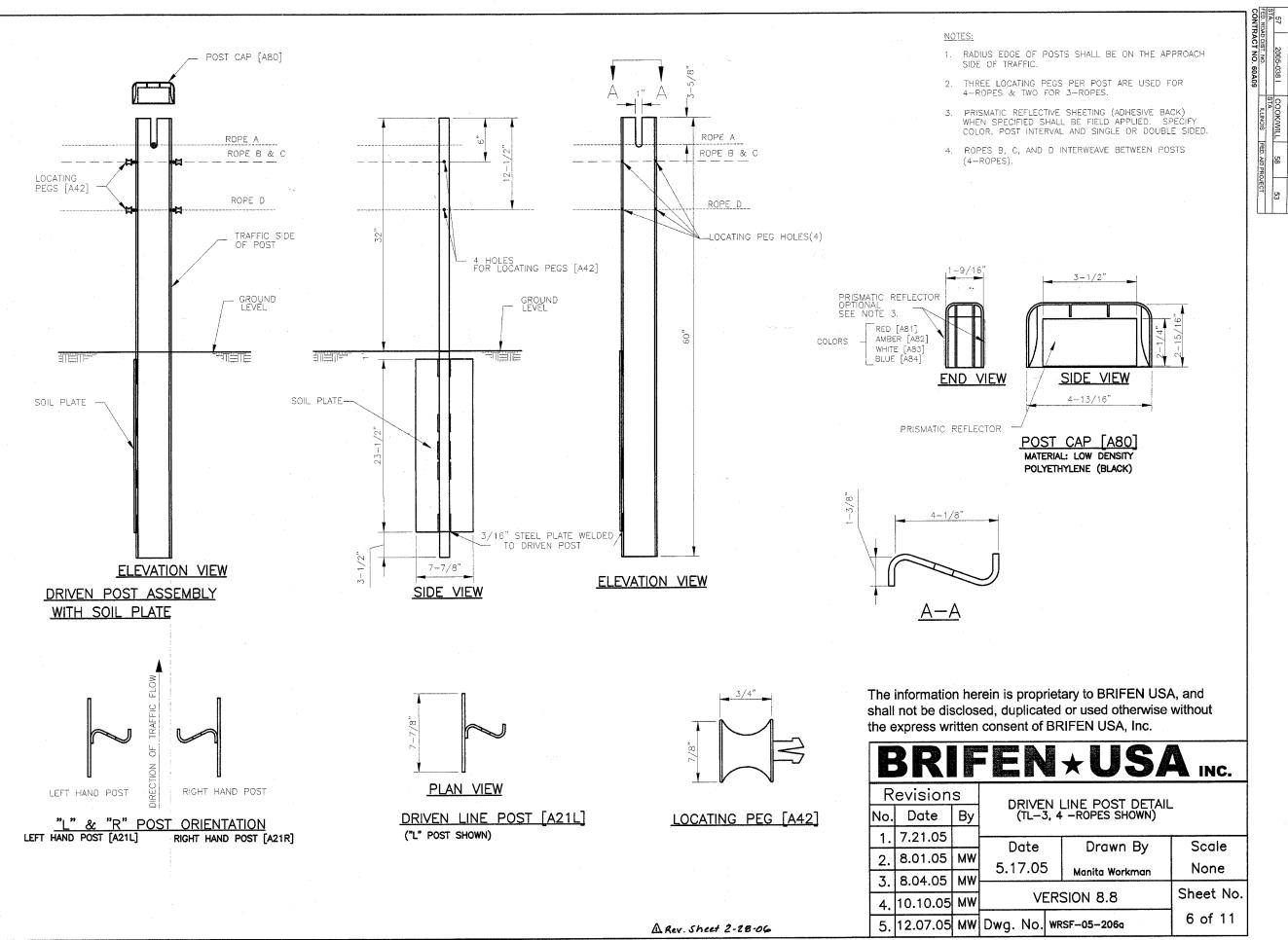
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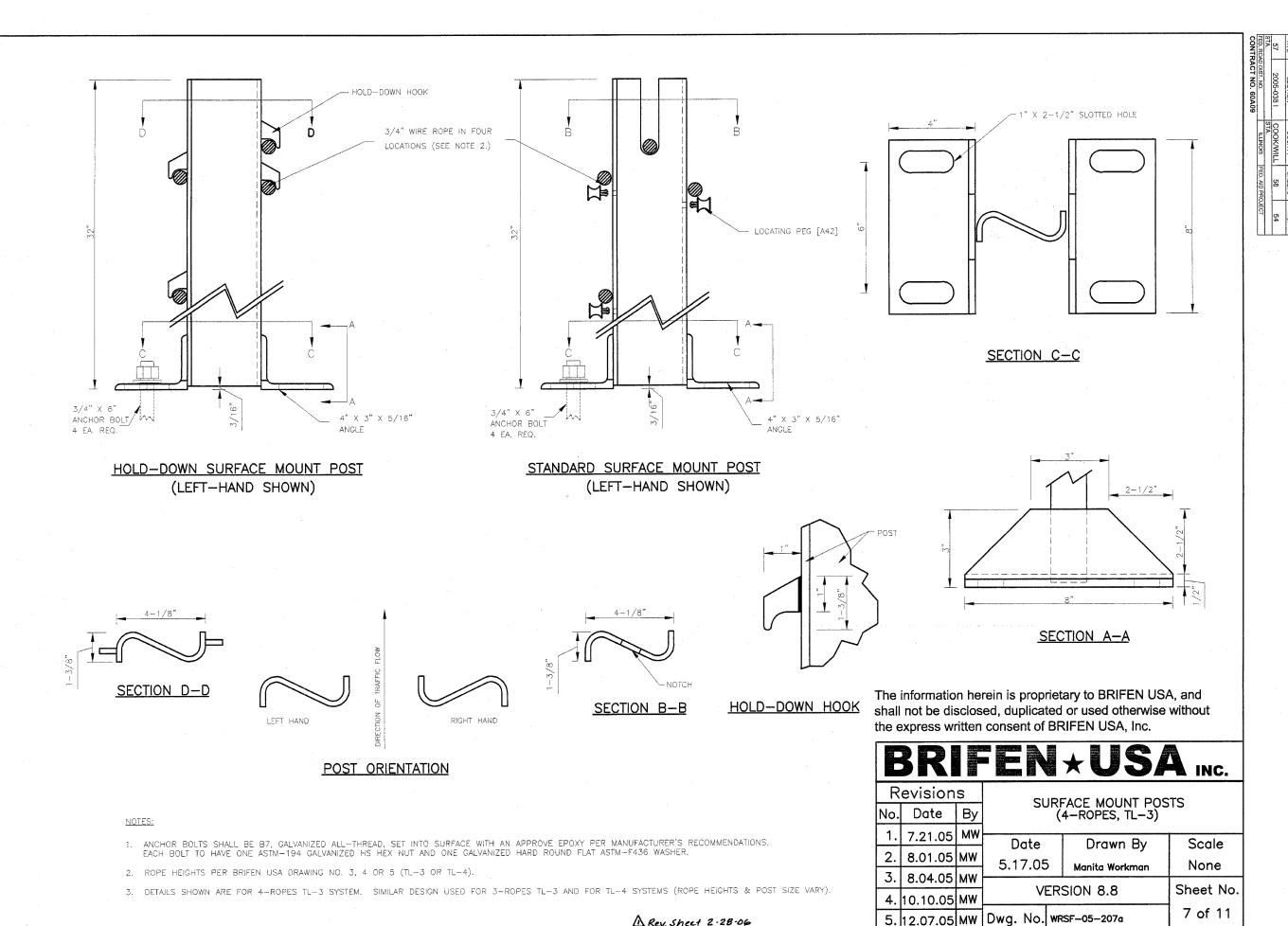
BRIFEN * USA INC.

Revisions			TL-3 WRSF DETAIL			
No.	Date	Ву	· '	CING) PGT)		
1.	7.21.05	MW	Date		UDING TRANSITION TO WE	Scale
2.	8.01.05	MW	5.17.05		Manita Workman	None
3.	8.04.05	MW				
4.	10.10.05	MW	Vt	-K:	SION 8.8	Sheet No
5.	12.16.05	MW	Dwg. No. wa		RSF-05-203a	3 of 11

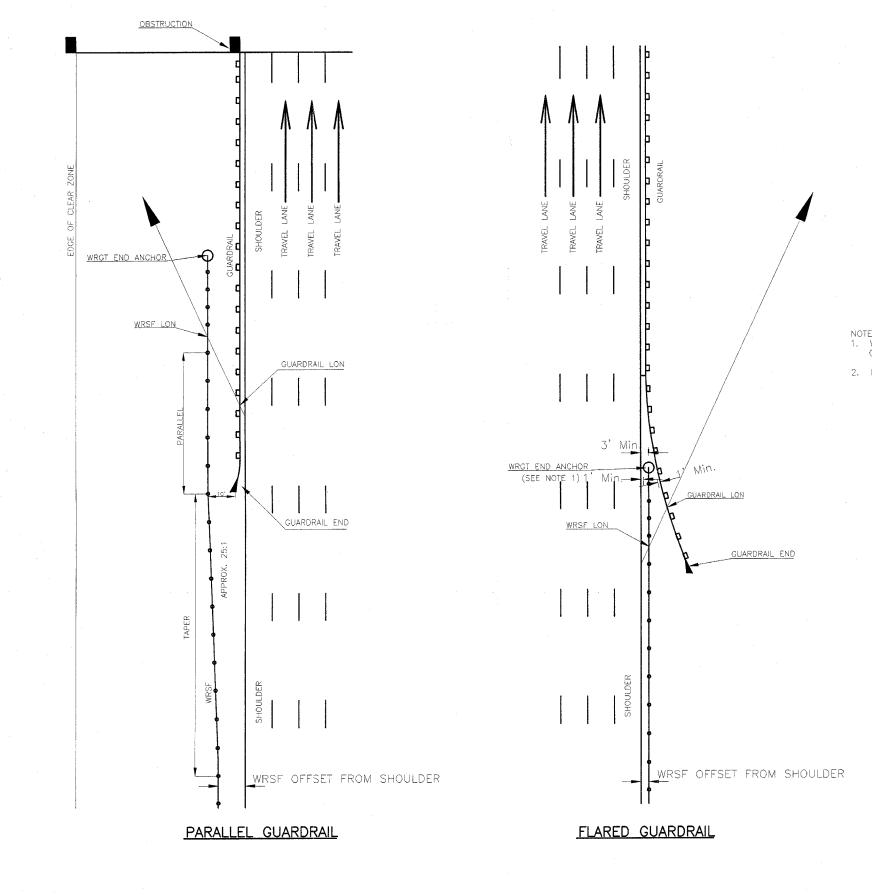








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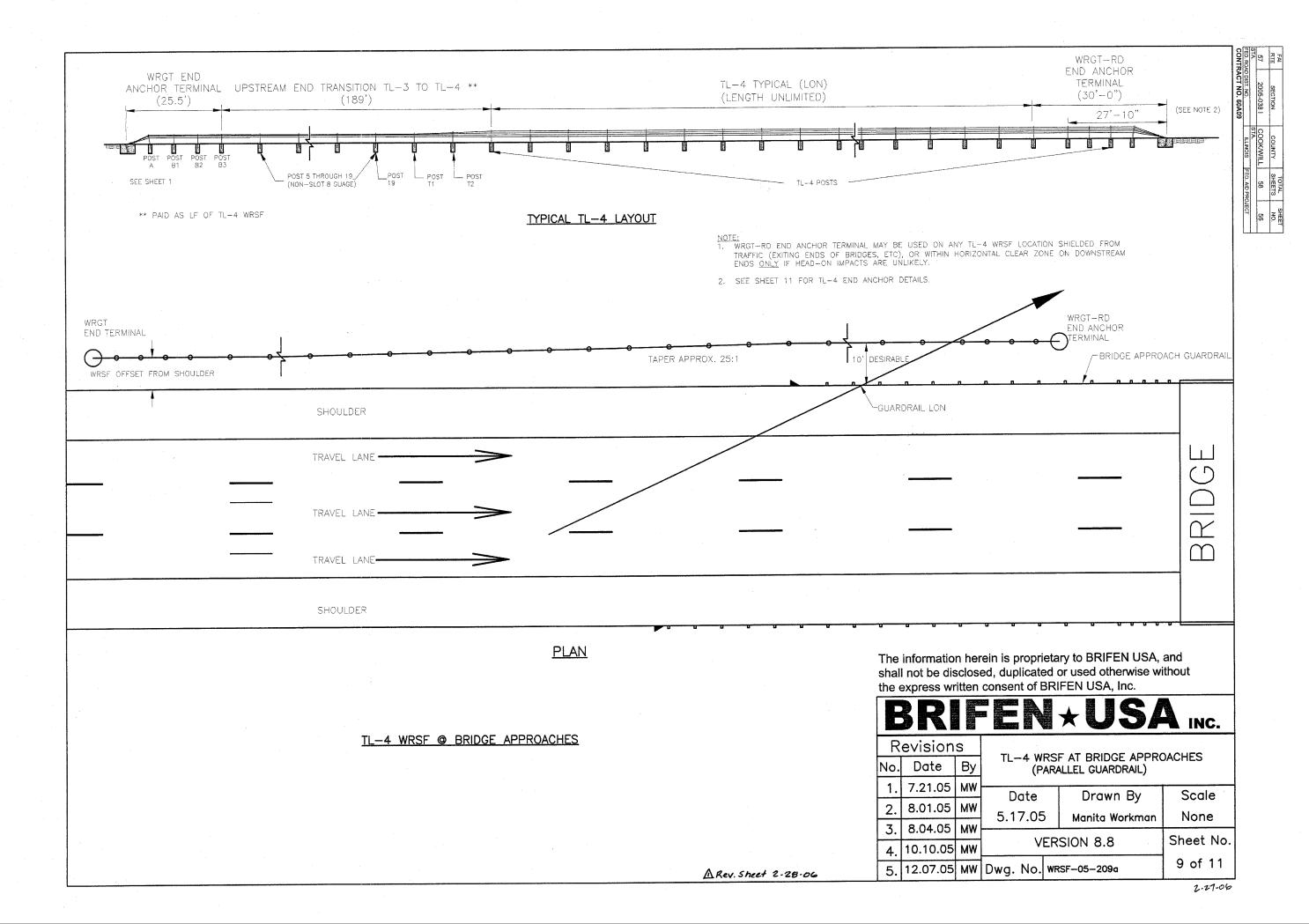


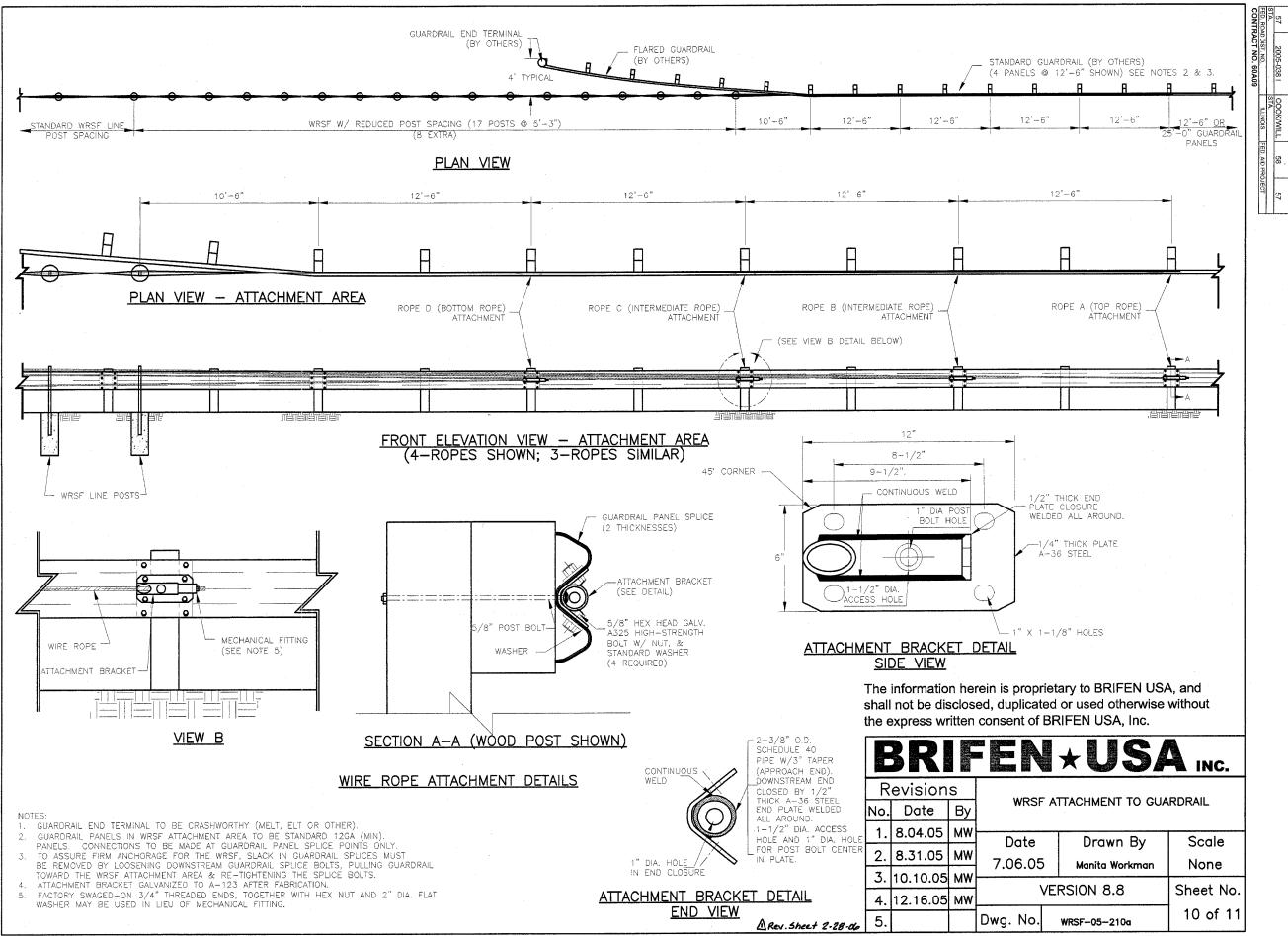
- NOTES:
 1. WRSF MAY BE CONNECTED DIRECTLY TO GUARDRAIL; SEE SHEET 11
 OR CONTACT BRIFEN USA, INC. AT 1-866-427-4336 TOLL FREE.
- 2. FOR TL-4 SYSTEMS, SEE SHEET 9.

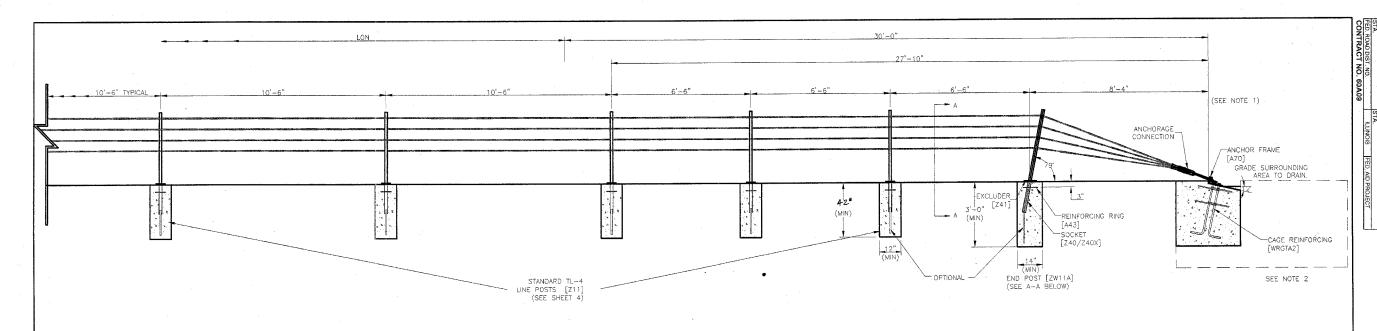
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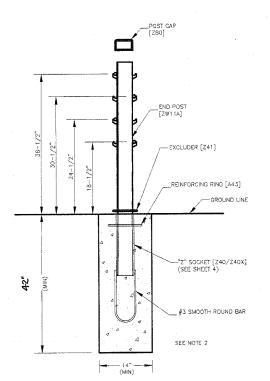
Ī	Revisions			RECOMMENDED WRSF INTERFACE			
	No.	Date	Ву	RECO	-3)		
	1.	7.21.05	MW	Date		Drawn By	Scale
	2.	8.01.05	MW	5.17.05		Manita Workman	None
	3.	8.04.05	MW			SION 8.8	
ſ	4.	10.10.05	MW	V	Sheet No.		
	5.	12.07.05	MW	Dwg. No. wrsf-05-208a			8 of 11







WRGT-RD TERMINAL (SEE NOTE 1)



END POST & FOUNDATION DETAIL SECTION A-A

- 1. MAY BE USED ON ANY TL-4 WRSF LOCATION SHIELDED FROM TRAFFIC (EXITING ENDS OF BRIDGES, ETC), OR WITHIN HORIZONTAL CLEAR ZONE ON DOWNSTREAM ENDS QNLY IF HEAD-ON IMPACTS ARE UNLIKELY.
- 2. END ANCHORAGE AND POST FOUNDATION SIZES ARE DETERMINED BY SOIL CLASSIFICATION AND CONDITION AS WELL AS TEMPERATURE EXTREMES. REFER TO PRODUCT MANUAL OR CONTACT BRIFEN USA REPRESENTATIVE FOR TECHNICAL ASSISTANCE.
- 3. FOR ADDITIONAL INFORMATION, CONTACT BRIFEN USA, INC. AT 1-866-427-4336 TOLL FREE.

△ Rev. Shect 2-28-06

THE PROPOSED DEPTHS OF THE CONCRETE SOCKETED FOUNDATIONS AS SHOWN IN THE BRIFEN USA DETAILS SHALL BE 42° (MINIMUM).

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BRIFEN * USA INC.

			Manager Co. V			W 11101	
R	evision	S	WRGT—RD END TERMINALS				
No.	Date	Ву	WRG	.S			
1.	8.01.05	MW					
2.	8.08.05	MW	Date		Drawn By	Scale	
			7.21.05		Manita Workman	None	
3.	10.10.05	MW			RSION 8.8	Chast Na	
4.	12.16.05	MW	V	Sheet No.			
5.			Dwg. No.		WRSF-05-211a	11 of 11	

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