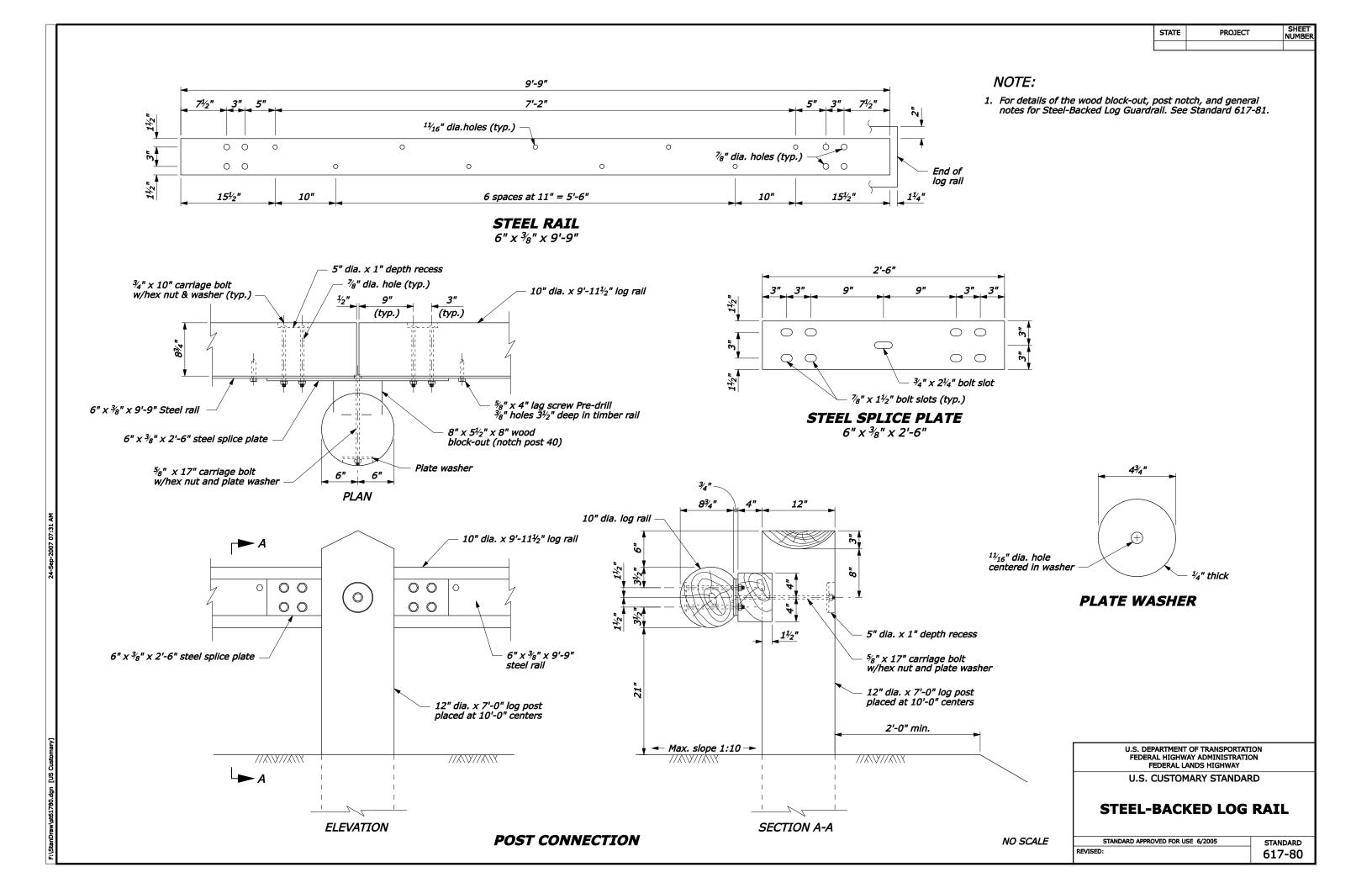
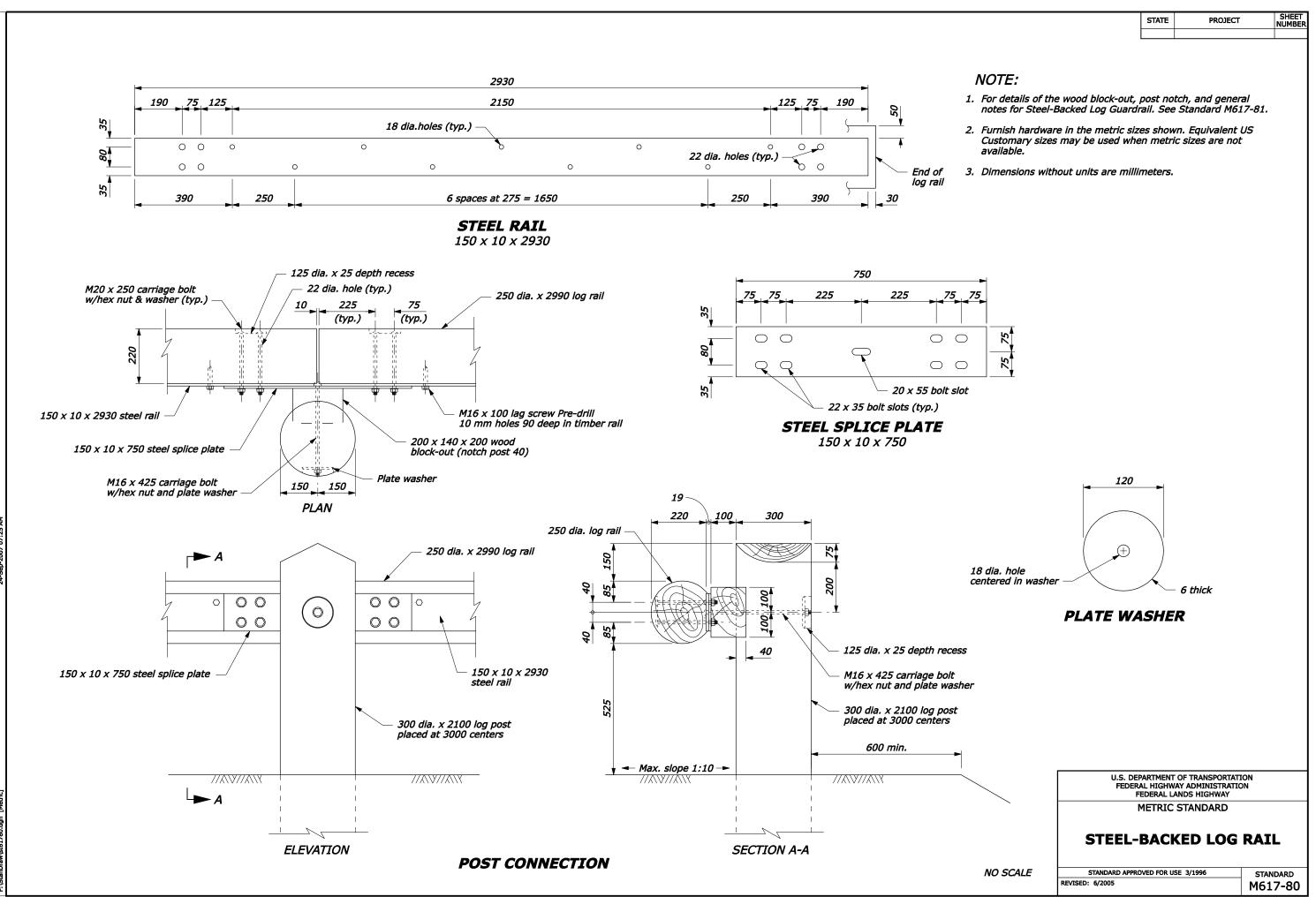


nDraw\st61770.dgn [Metric

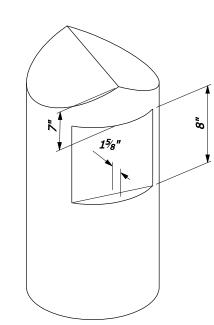




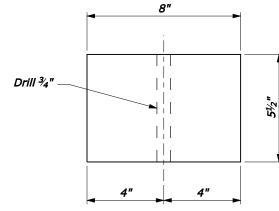
24-Sep-2007 07:25 /

NOTE:

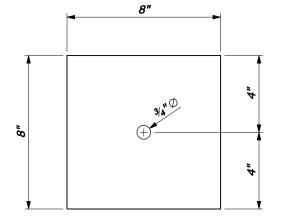
- 1. Furnish po with wate
- 2. Install log. taper betv
- 3. 20 foot lo<u>e</u> taper requ
- 4. Make splic
- 5. Field cut lo butt joints traffic expo dress as no
- 6. Dress bac wide enou
- 7. Apply and surfaces of to preserv
- 8. Treat all fie same pres
- 9. Furnish str (ASTM A58
- 10. Furnish co from steel (ASTM A32
- 11. The nomin according a provided the beyond the

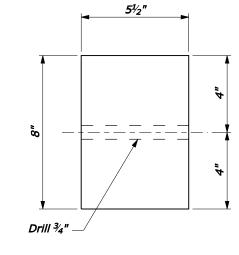


POST NOTCH FOR WOOD BLOCK-OUT









FRONT

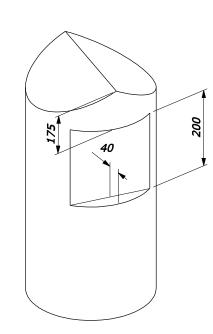
SIDE

WOOD BLOCK-OUT 8" x 5^{1/}2" x 8"

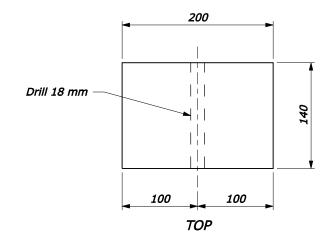
		STATE	PROJECT	SHEET NUMBER
ost and rail el r-borne prese	lements of peeled, ervative according t	round t to Secti	imber and trea on 710.08.	t
	tt to butt and tip to t and tip ends of inc			ted.
	able for rails provid net and roadway cu			
ces in rail elei	ments at posts only	<i>.</i>		
s in full conta posed faces of	dress as necessary ct with each other of f log ends at the jou obtain a smooth su	at the lo ints and	og ends. Trim I elsewhere and	
	rail members to pro odate a 6" steel rai		flat surface	
	ed brown color stal stain either as a po ent.			
	drill holes with two stain as the rails a			
tructural steel 188).	l conforming to AAS	SHTO M	222	
	tant fastener hardv to AASHTO M164,		nufactured	
to log size. E	h is 16". Bolt lengti Extra long threaded cut so that none o post.	l bolts n	nay be used,	
	FEDER/	AL HIGHW	OF TRANSPORTATI AY ADMINISTRATIC ANDS HIGHWAY	
	U.S. (CUSTON	IARY STANDAR	D
	_	-	KED LOG	RAIL
O SCALE				671 115.4
U JUALE	STANDARD APPRO REVISED: DRAFT: 5/2008	VED FUR U	5- 0/2005	standard 617-81

NOTE:

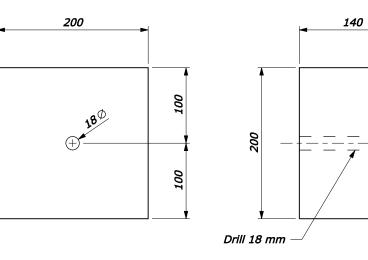
- 1. Furnish pos with water-
- 2. Install logs taper betwo
- 3. 6 meter log taper requi
- 4. Make splice
- 5. Field cut log butt joints i traffic expos dress as neo
- 6. Dress back wide enoug
- 7. Apply an ap surfaces of to preserva
- 8. Treat all fiel same prese
- 9. Furnish stru (ASTM A588
- 10. Furnish con from steel c (ASTM A32
- 11. The nomina according to provided the beyond the
- 12. Dimensions



POST NOTCH FOR WOOD BLOCK-OUT



200





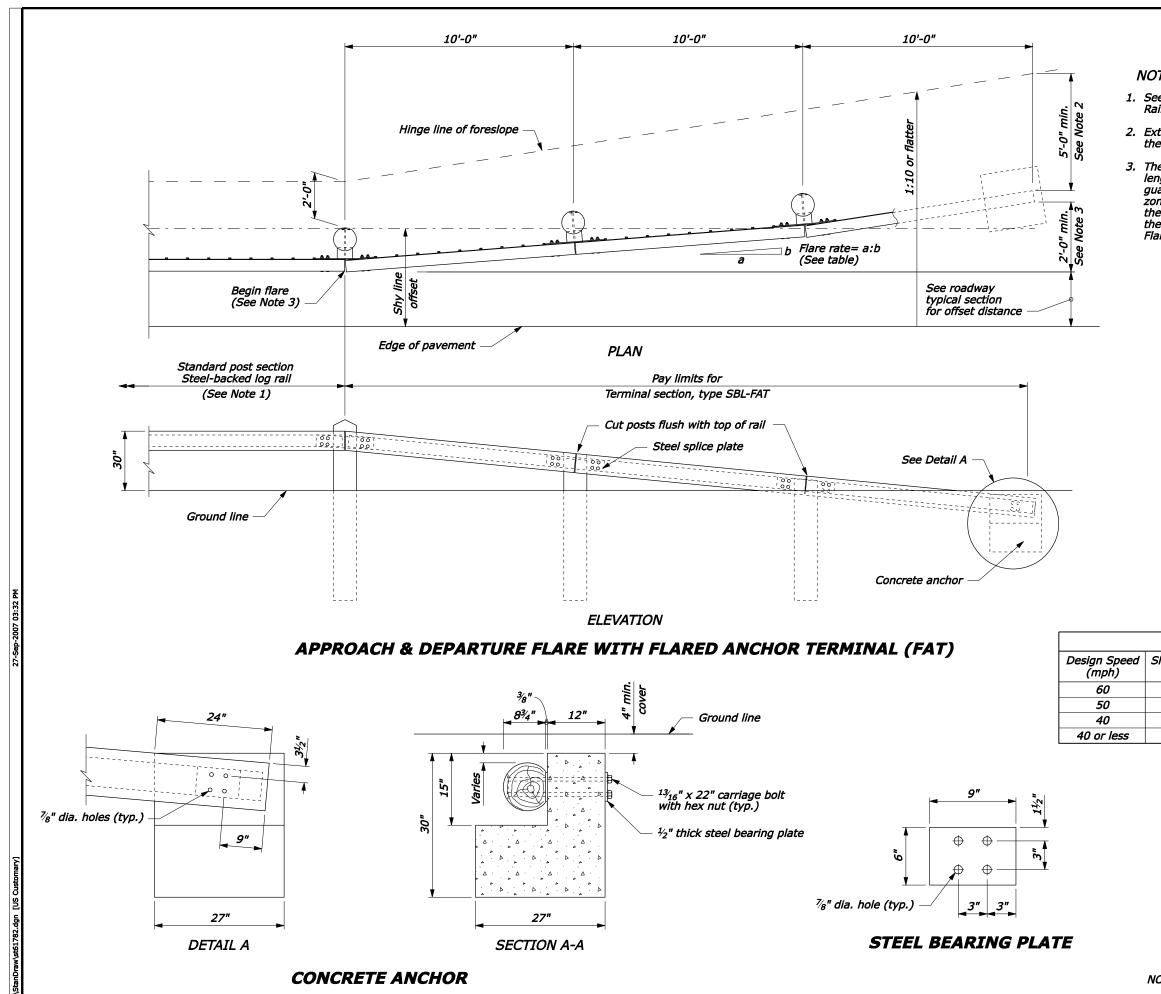
SIDE

100

100

WOOD BLOCK-OUT 200 x 140 x 200

		STATE	PROJECT	SHEET NUMBER
	ements of peeled, rvative according t			t
	t to butt and tip to and tip ends of ind			
	able for rails provi et and roadway cu			num
es in rail elen	nents at posts only	<i>ı</i> .		
in full contac sed faces of	lress as necessary t with each other o log ends at the joo btain a smooth su	at the lo ints and	og ends. Trim I elsewhere an	
	ail members to pro date a 150 mm st		flat surface	
	ed brown color stai stain either as a pa nt.			
	frill holes with two stain as the rails a			
uctural steel 8).	conforming to AAS	бНТО М	222	
	ant fastener hardv o AASHTO M164, 1		nufactured	
o log size. Ex	is 400 mm. Bolt l xtra long threaded cut so that none of post.	' bolts n	nay be used,	
	ts are millimeters.			
			OF TRANSPORTATI	
	FI	EDERAL L	ANDS HIGHWAY	
	-		CED LOG	DATI
				RAIL
		BLU	CKOUT	
SCALE	STANDARD APPRO REVISED: 6/2005	VED FOR U	SE 3/1996	STANDARD
	DRAFT: 5/2008			M617-81



		STATE	PROJECT	SHEET NUMBER	
TE:					
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	idening a minimun less otherwise dire				
ngth and rate i ardrail so that ne. If the term e clear zone, il	re shown in the pl required. As direct the terminal sectininal section section canno t should be flared naximum rate indi a.	ed by to ion is ou ot be loo as far a	he CO, flare the utside the clear cated outside s practical from		
GUARDRAIL FLARE RATE TABLE					
hy line offset	Flare rate				
(ft)	inside shy line (a	a:b) (outside shy line (a:b	기	
8.0 6.5	26:1 21:1		<u>14:1</u> 11:1	-	
5.0	16:1		8:1	-	
3.5	13:1		7:1		
			OF TRANSPORTATION		
FEDERAL HIGHWAY ADMINISTRATION FEDERAL LANDS HIGHWAY					
	U.S. (CUSTON	IARY STANDARD		
	STEEL-	BAC	(ED LOG RA	CL	
TERMINAL SECTION.					

 FEDERAL LANDS HIGHWAY

 U.S. CUSTOMARY STANDARD

 STEEL-BACKED LOG RAIL

 TERMINAL SECTION,

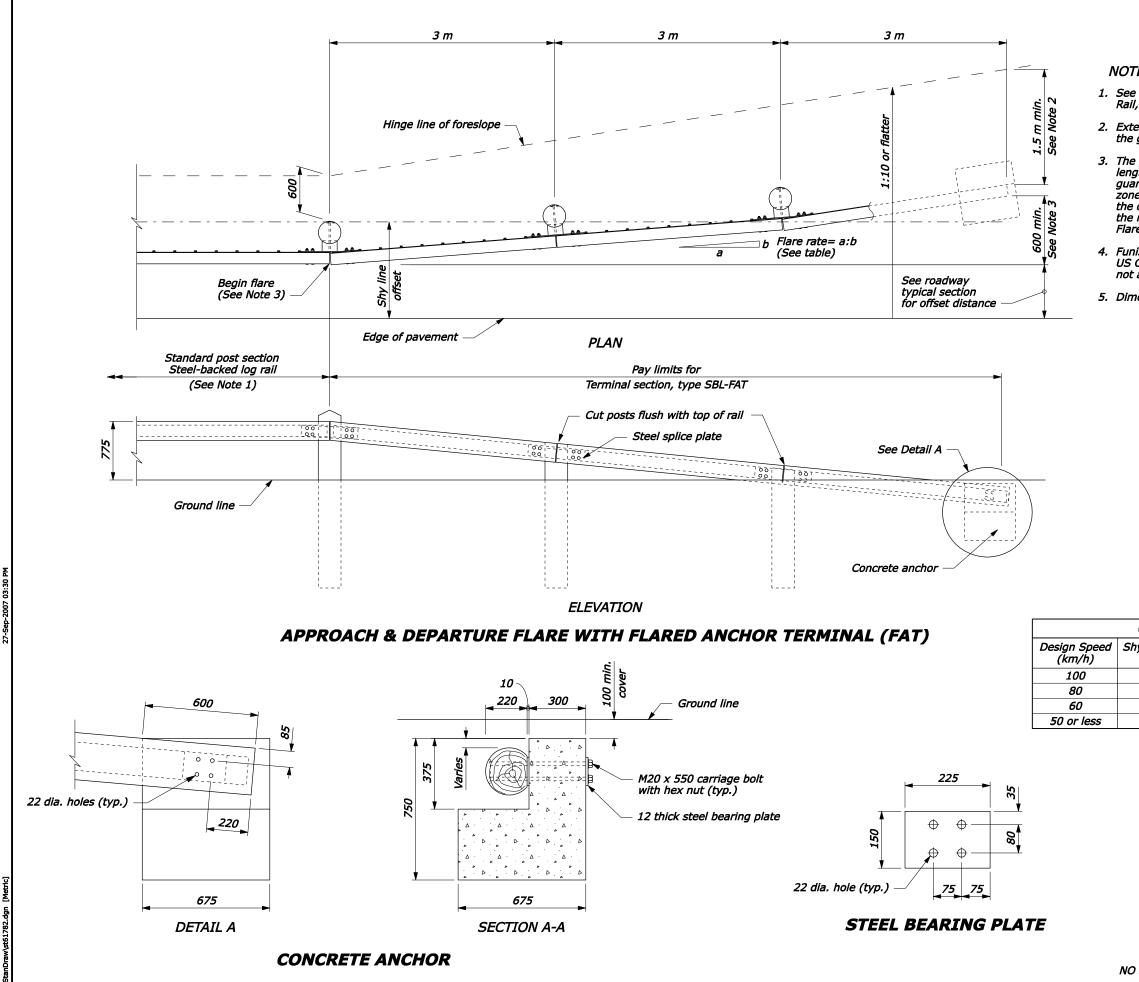
 TYPE SBL-FAT

 NO SCALE

 STANDARD APPROVED FOR USE 6/2005

 STANDARD APPROVED FOR USE 6/2005

 DRAFT: 9/2007



		STATE	PROJECT	SHEET	
E:					
	C17 00	01 01			
, for timber,	617-80 and M617- structural steel, ar	-81, Ste nd hard	el-Backed Log ware details.		
	idening a minimun nless otherwise din				
ouardrail fla	re shown in the pl	an view	is the minimu	ım	
oth and rate i rdrail so that e. If the tern clear zone, is	required. As direct the terminal secton ninal section canno t should be flared maximum rate indi	ted by t ion is of ot be loo as far a	he CO, flare th utside the clear cated outside s practical from	e r m	
	in the metric size izes may be used i				
	out uplike and mallit	m oto			
ensions with	out units are millii	meters.			
CUADDA	IL FLARE RATE		E		
y line offset (m)	Flare rate inside shy line (a	a·h)	Flare rate outside shy line		
2.5	26:1		14:1		
2.0 1.5	21:1		11:1		
	16:1		8:1		
1.0	13:1	[7:1		
			OF TRANSPORTATI		
			ANDS HIGHWAY		
	r	METRIC	STANDARD		
	STEEL-	BAC	KED LOG	RAIL	
	TERMINAL SECTION,				
				/11,	
	ד	YPE :	SBL-FAT		
SCALE	STANDARD APPRO	VED FOR U	SE 6/2005	STANDARD	
- we shale	REVISED:			M617-82	
	DRAFT: 9/2007			101/02	