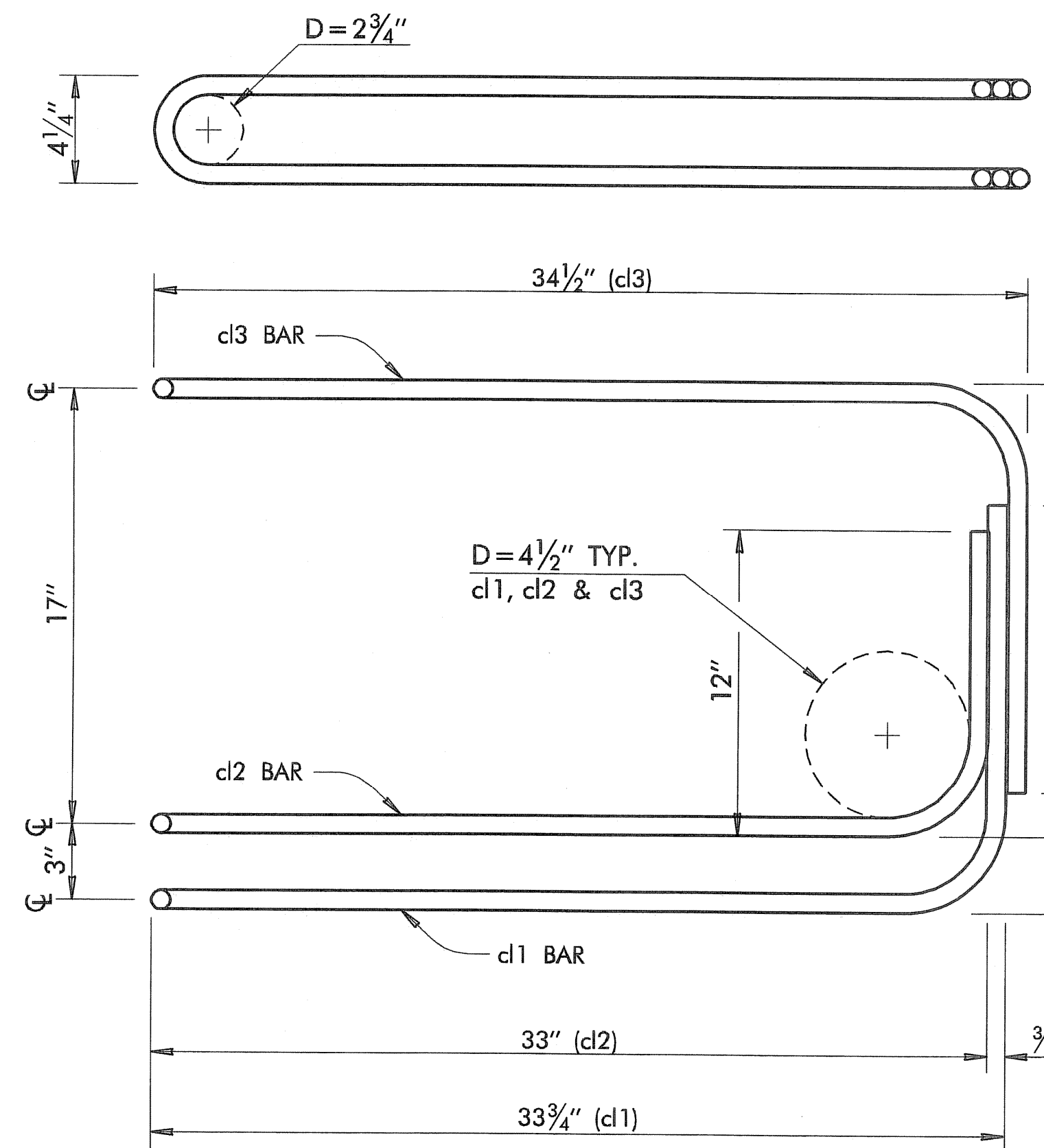
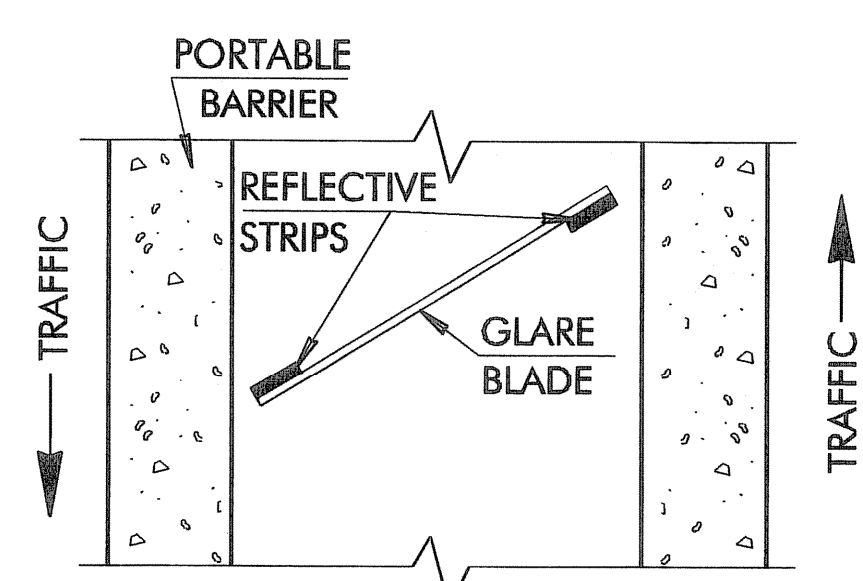


DESCRIPTION	REVISIONS	DATE
RE-ISSUE NCHRP 350 DESIGN		11/02
REV. CONN. LOOPS & ANCHOR HOLES		5/09

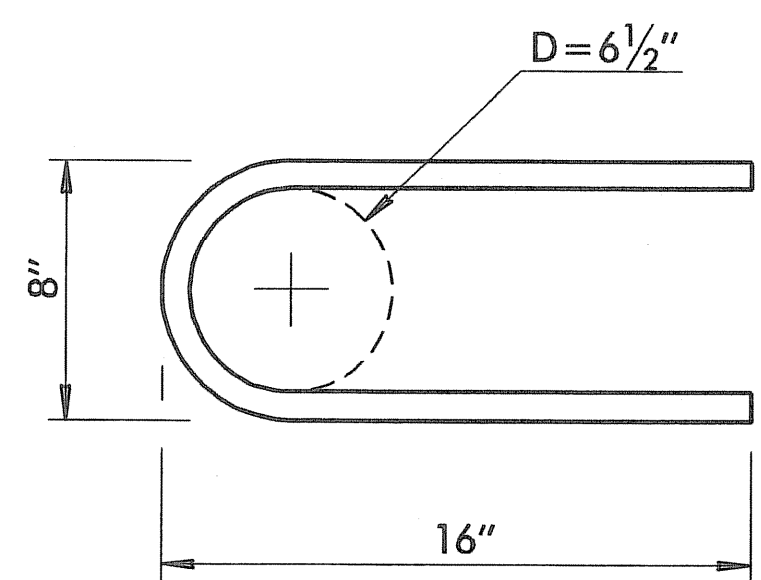


CONNECTION LOOP BAR ASSEMBLY

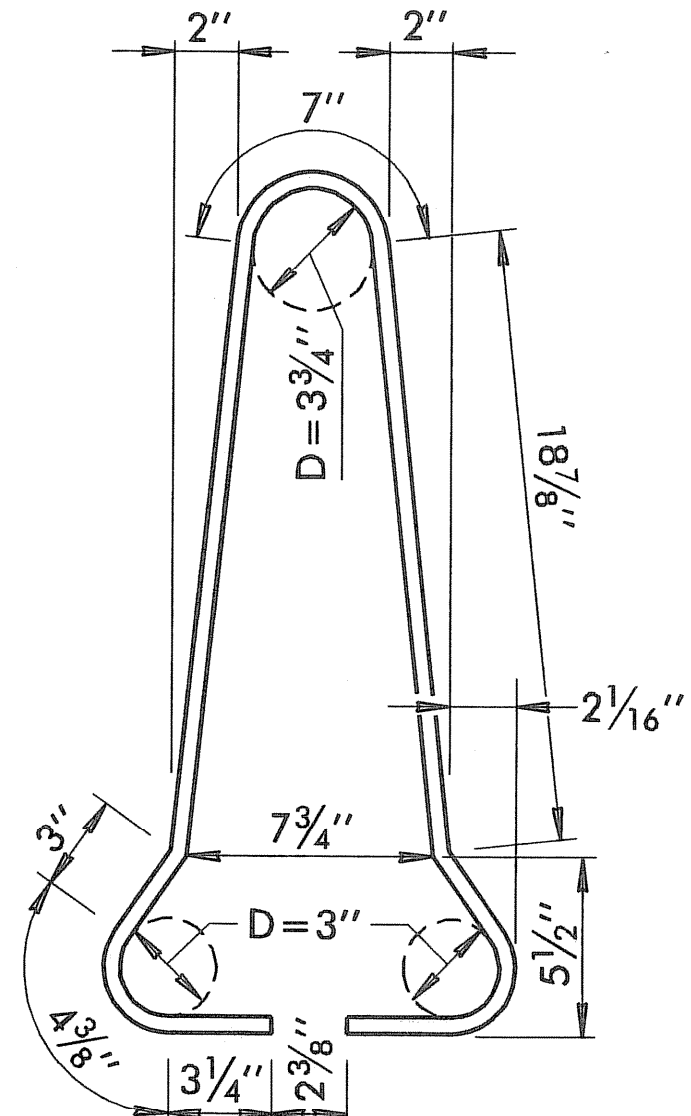
SCHEDULE OF REINFORCING BARS PER 12'- 6" BARRIER SECTION					
BAR	BAR SIZE	SHAPE	NO. of BARS	LENGTH FT.	WEIGHT LBS.
a1	4		11	5'-6"	40.4
a2	6		6	3'-1"	27.8
b1	5		3	12'-2"	38.1
c1	4		2	12'-2"	16.3
d1	6		2	8'-0"	24.1
d2	6		2	7'-7"	22.8
d3	6		2	8'-2"	24.6
TOTAL					194.1
NOTE: LENGTHS MEASURED ALONG OUTSIDE OF HOOP.					



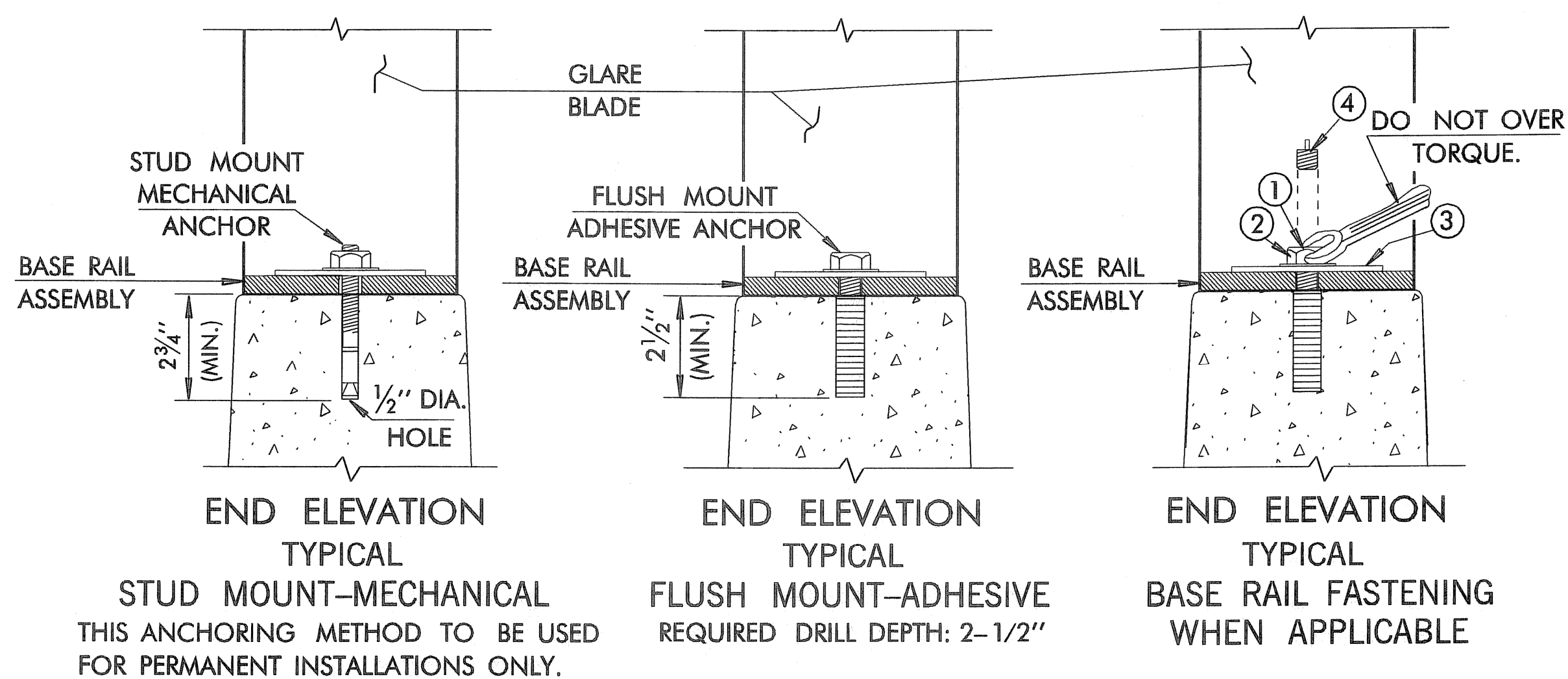
SEC. A-A



a2 STIRRUP BAR

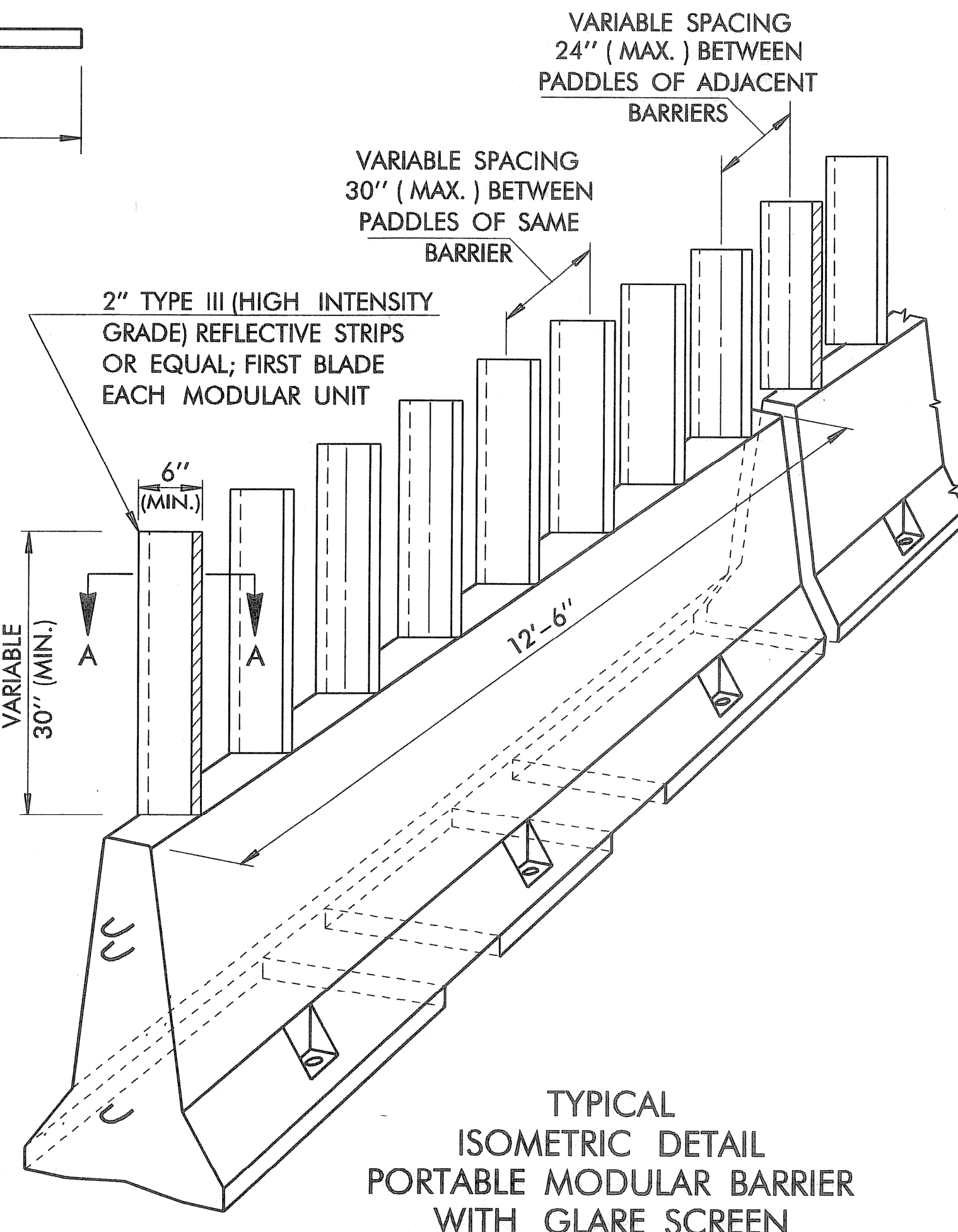


a1 STIRRUP BAR
LENGTHS MEASURED ALONG OUTSIDE OF HOOPS.



TYPICAL BASE RAIL ANCHORING METHODS

REQUIRED DRILL BIT: 1/2" DIAMETER
CARBIDE TIP - MASONARY
REQUIRED DRILL DEPTH: 2 1/2" (MIN.) - 2 3/4" (MAX.)



TYPICAL ISOMETRIC DETAIL
PORTABLE MODULAR BARRIER
WITH GLARE SCREEN

GENERAL NOTES

- ALL CONSTRUCTION AND MATERIAL REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE 1999 OKLAHOMA STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.
- ALL REINFORCEMENT SHALL BE DEFORMED GRADE 60, AASHTO M 31, EXCEPT FOR THE CONNECTION LOOP BAR ASSEMBLY SHALL BE SMOOTH #6 BARS WITH A MINIMUM YIELD STRENGTH OF 60 KSI, A MINIMUM TENSILE STRENGTH OF 80 KSI, AND PASSING A 180 DEGREE BEND TEST USING A 2 3/4" PIN BEND DIAMETER. THE LOOPS SHALL BE INSTALLED WITHIN 1/8" OF THE PLAN DIMENSIONS.
- THE CONTRACTOR SHALL FURNISH AND INSTALL SUCH LIGHTS, SIGNS, BARRICADES AND FLAGMEN THAT MAY BE NECESSARY FOR THE CONTROL, SAFETY AND MAINTENANCE OF TRAFFIC WHEN INITIALLY INSTALLING OR RELOCATING PRECAST CONCRETE MEDIAN BARRIER.
- GLARE SCREEN SYSTEMS SHALL BE INSTALLED AS PER MANUFACTURERS SPECIFICATIONS AND UNIQUE INSTALLATION INSTRUCTIONS OR DETAILS NOT SHOWN ON THIS STANDARD SHALL BE PROVIDED TO AND APPROVED BY THE ENGINEER.

BASIS OF PAYMENT		
ITEM NO.	ITEM	UNIT
627.06(E)	PRECAST CONCRETE MEDIAN BARRIER - PORTABLE TYPE	LF.
878(B)	PORTABLE MODULAR GLARE SCREEN UNIT	EA
878(C)	PORTABLE MODULAR GLARE SCREEN UNIT	S.D.

THIS STANDARD SHALL BE USED IN CONJUNCTION WITH TCS12-1A.

APPROVED BY TRAFFIC ENGINEER *David Smith* DATE 4/20/09

OKLAHOMA DEPT. OF TRANSPORTATION
TRAFFIC STANDARD (ENGLISH)
TRAFFIC CONTROL STANDARD
PRECAST CONCRETE MEDIAN BARRIER (PORTABLE TYPE)
REINFORCING/CONNECTION STEEL AND GLARE SCREEN

1999 SPECIFICATIONS (NCHRP 350 F-SHAPE) TCS12-1B 01E
T-512BE

TREF235 I:\AT-Traffic\TRAFFIC STD. CURRENT\TRAFFIC CONTROL\T509E-TCS12-1B-01E.dgn 8:21:34 AM 4/20/2009 ds\user2\T509E-TCS12-1B-01E.dgn