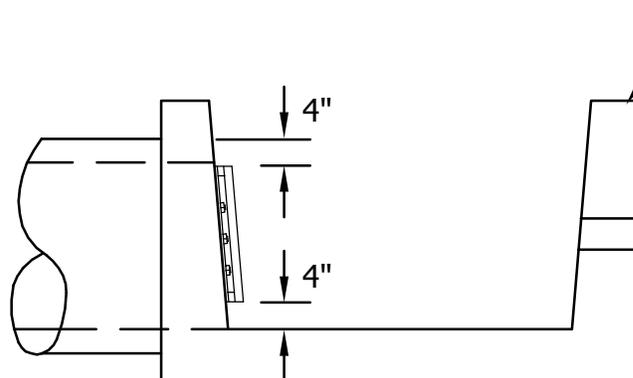


STEEL PLATE - BOLT TO CONCRETE WITH STAINLESS STEEL BOLTS. HOT DIP GALVANIZE AFTER FABRICATION.

FRONT VIEW



ENERGY DISSIPATOR: SEE MNDOT STANDARD PLATE NO. 5200B

SIDE VIEW

SIZE OF PIPE	SIZE OF PLATE	BARS	BOLTS
12" TO 18"	1/4"X2"	3/4"φ	2-5/8"φ
21" TO 48"	1/4"X3"	1"φ	3-3/4"φ

NOTE:  
TIE LAST 3 JOINTS. USE 2 TIE BOLT FASTENERS PER JOINT INTALLED AT 60° FROM TOP OR BOTTOM OF PIPE.



STANDARD DETAILS  
ENERGY DISSIPATOR AND TRASH GUARD  
COTTAGE GROVE, MINNESOTA

LAST REVISION:  
JAN 2014

PLATE NO.  
STO-25