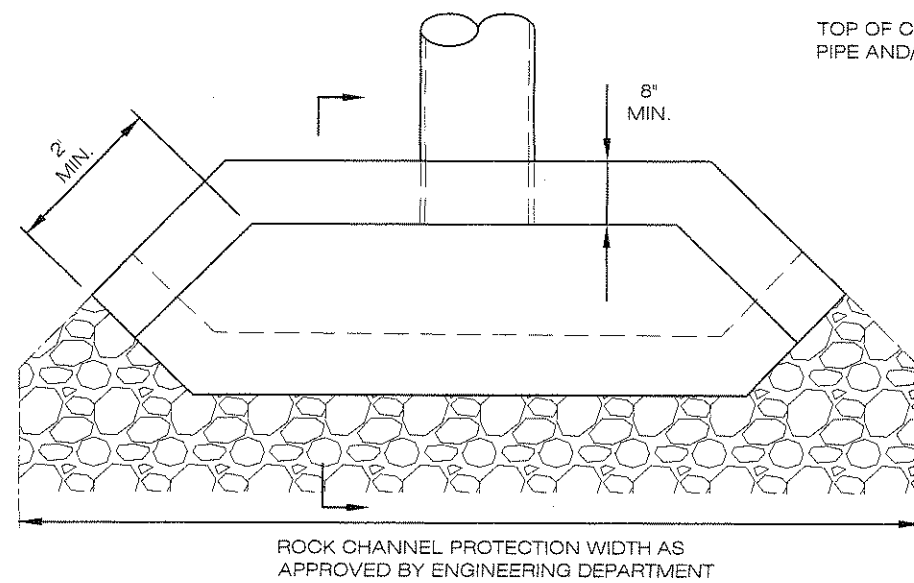
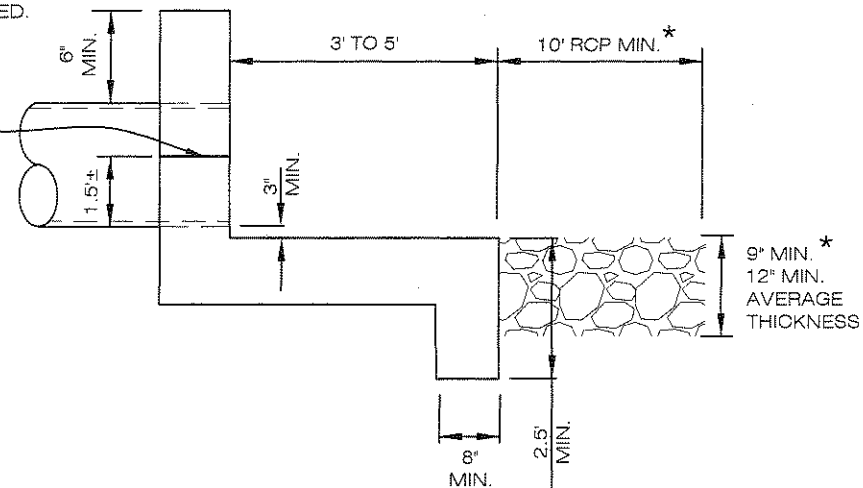




PLAN

TOP OF CONCRETE WHEN LARGE PIPE AND/OR SHORT WALL IS USED.

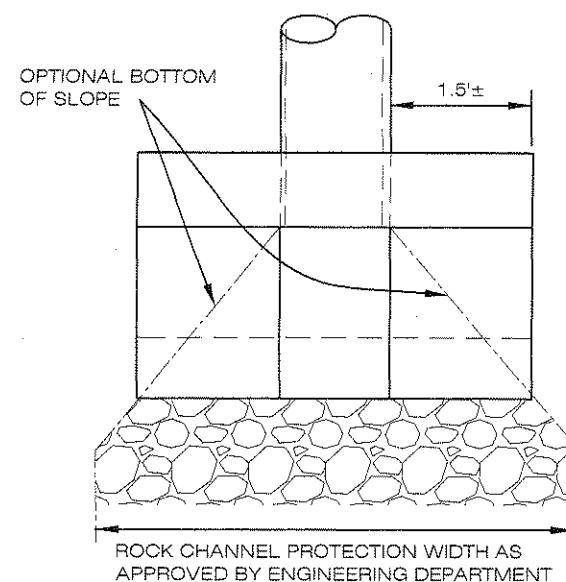


SECTION

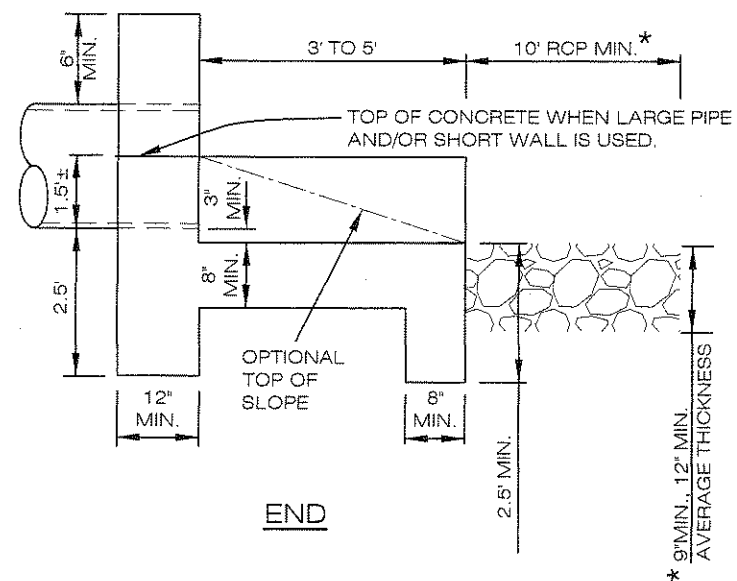
* LENGTH/DEPTH DESIGNED PER ODOT DESIGN MANUAL NO. 1 FIGURE 1107-1.

ROP = ROCK CHANNEL PROTECTION PER ODOT ITEM 601.04. REINFORCEMENT NOT SHOWN, PROVIDE ON SHOP DRAWINGS.

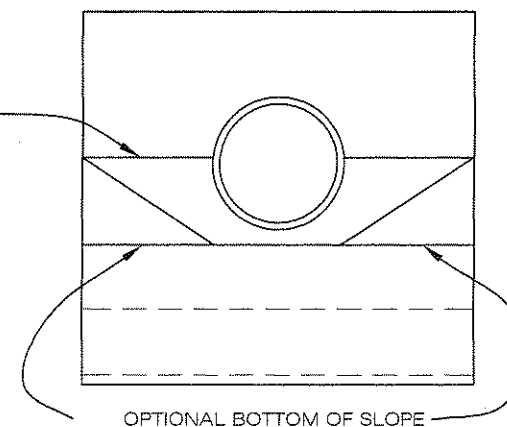
HEADWALL TYPE "A"



PLAN



END



FRONT

HEADWALL TYPE "B"

REV No.	DATE	BY	DESCRIPTION
CITY OF NORTH RIDGEVILLE, OHIO DEPARTMENT OF ENGINEERING			
HEADWALL OUTLET PROTECTION			
SCALE: NOT TO SCALE			STM-13
DATE: 10/01/08 DRWN BY: JAB/TEB			

Laurel Liffich
CITY OF NORTH RIDGEVILLE, ENGINEER