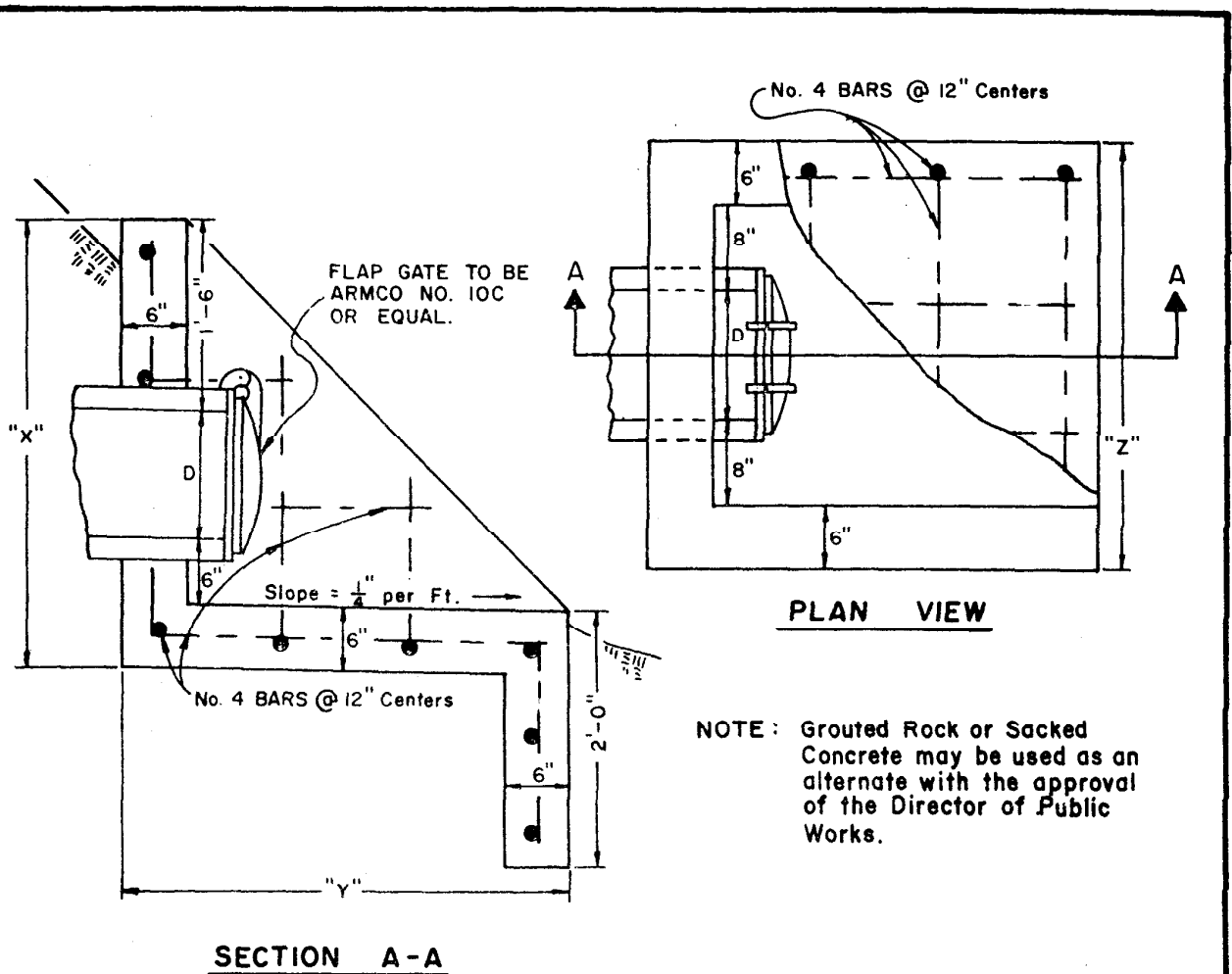




PIPE DIAMETER	HEADWALL WIDTH	VARIABLE DIMENSIONS					
		SLOPE = 1 : 1		SLOPE = 1.5 : 1		SLOPE = 2 : 1	
D	"Z"	"X"	"Y"	"X"	"Y"	"X"	"Y"
	$D + 2'-4"$	$D + 2'-6"$	$D + 2'-6"$	$D + 2'-6"$	$1.5(D + 2'-6")$	$D + 2'$	$2(D + 2'-6")$
8"	3'-0"	3'-2"	3'-2"	3'-2"	4'-9"	3'-2"	6'-4"
10"	3'-2"	3'-4"	3'-4"	3'-4"	5'-0"	3'-4"	6'-8"
12"	3'-4"	3'-6"	3'-6"	3'-6"	5'-3"	3'-6"	7'-0"
15"	3'-7"	3'-9"	3'-9"	3'-9"	5'-7 $\frac{1}{2}$ "	3'-9"	7'-6"
18"	3'-10"	4'-0"	4'-0"	4'-0"	6'-0"	4'-0"	8'-0"
21"	4'-1"	4'-3"	4'-3"	4'-3"	6'-4 $\frac{1}{2}$ "	4'-3"	8'-6"
24"	4'-4"	4'-6"	4'-6"	4'-6"	6'-9"	4'-6"	9'-0"
27"	4'-7"	4'-9"	4'-9"	4'-9"	7'-1 $\frac{1}{2}$ "	4'-9"	9'-6"
30"	4'-10"	5'-0"	5'-0"	5'-0"	7'-6"	5'-0"	10'-0"

COUNTY OF COLUSA

DEPARTMENT OF PUBLIC WORKS

TITLE
STANDARD HEADWALL
STRUCTURAL DETAILS

STANDARD NO. S-7

SCALE: $\frac{3}{4}" = 1'-0"$