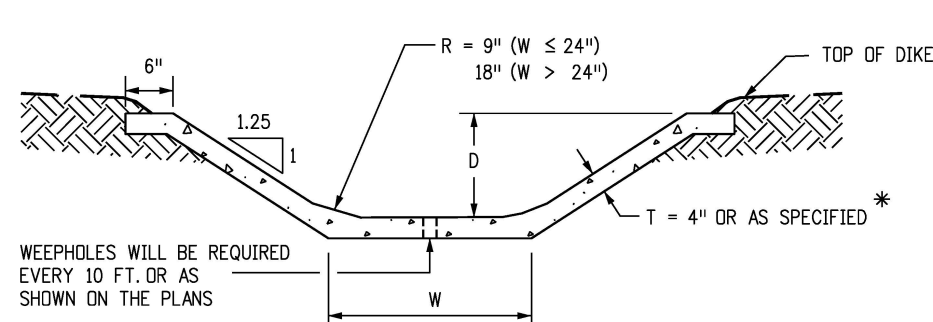


DITCH PLAN VIEW

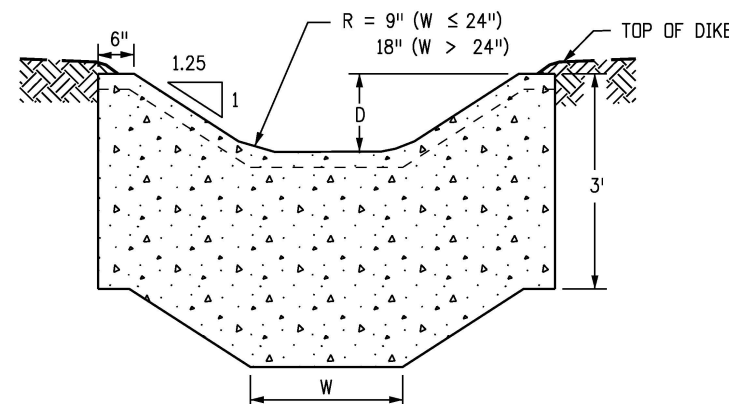


**SECTION A-A
CONCRETE-LINED DITCH**

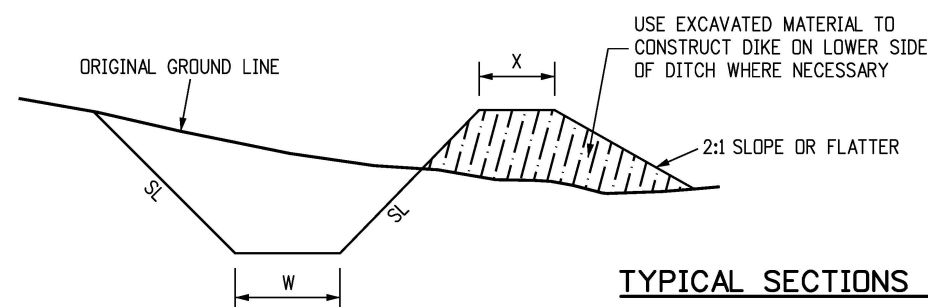
* FOR SECTIONS WHERE $W \leq 18"$
AND $D \leq 18"$ USE $T = 3"$

D (INCHES)	CU. YDS. PER 100 LIN. FT.				
	W (INCHES)				
	12	18	24	36	48
18	6.3*	6.7*	9.6	10.8	12.0
24	9.9	10.5	11.6	12.8	14.0
30	12.3	12.9	13.5	14.8	16.0
36	14.3	14.9	15.5	16.7	18.0
48			19.4	20.7	21.9

**CONCRETE-LINED DITCH
QUANTITIES**



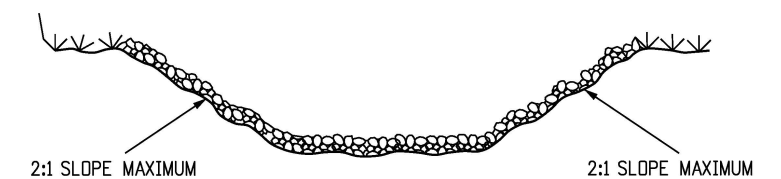
**SECTION B-B
CUTOFF WALL**



CUT SECTIONS

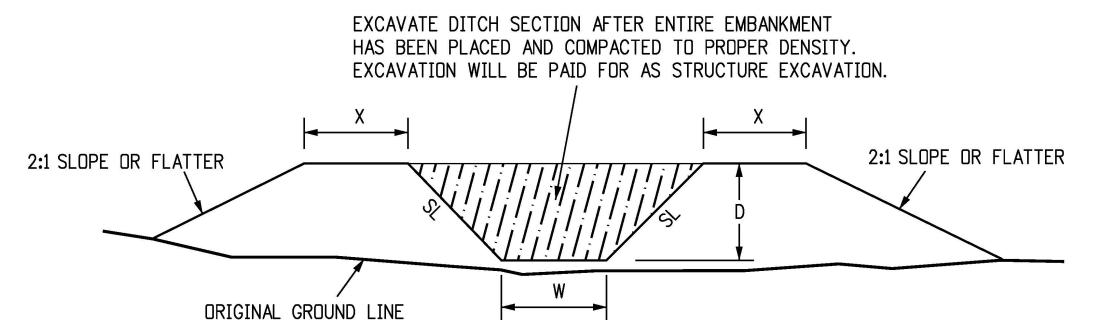
NOTE: SEE STRUCTURE NOTES ON THE PLANS FOR DIMENSIONS W , D , AND SL .
DIMENSION $X = W/2$ WITH MINIMUM OF 2 FT. UNLESS OTHERWISE
SHOWN ON THE PLANS, $W = 1$ FT., $SL = 2:1$ OR FLATTER.

- GENERAL NOTES**
1. ALL DITCHES SHALL BE CONSTRUCTED TO THE LINES AND GRADES AS SHOWN ON THE PLANS, USING THE DITCH SECTION AS SHOWN ON THE PLANS, OR AS SPECIFIED BY THE ENGINEER.
 2. CONCRETE LINING WILL BE PAID FOR AS CONCRETE SLOPE AND DITCH PAVING.
 3. PROVIDE A CUTOFF WALL AND RIPRAP AT THE END OF CONCRETE-LINED DITCH.



**SECTION C-C
RIPRAP-LINED DITCH**

RIPRAP GRADATION SHALL BE AS SPECIFIED IN THE CONTRACT.



EMBANKMENT SECTIONS

TYPICAL SECTIONS FOR DITCHES

Computer File Information		Sheet Revisions		Colorado Department of Transportation	DITCH TYPES	STANDARD PLAN NO.
Creation Date: 07/31/19		Date:	Comments			M-203-2
Designer Initials: JBK	(R-X)			 2829 West Howard Place CDDT HQ, 3rd Floor Denver, CO 80204 Phone: 303-757-9021 FAX: 303-757-9868		Standard Sheet No. 1 of 1
Last Modification Date: 07/31/19	(R-X)					
Detailer Initials: LTA	(R-X)					
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English	(R-X)					
				Project Development Branch	JBK	Project Sheet Number:
				Issued by the Project Development Branch: July 31, 2019		