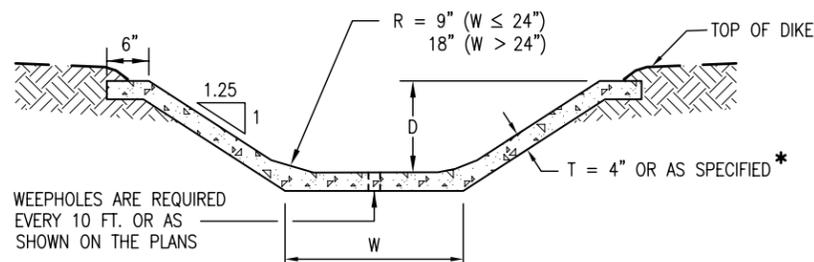


DITCH PLAN VIEW

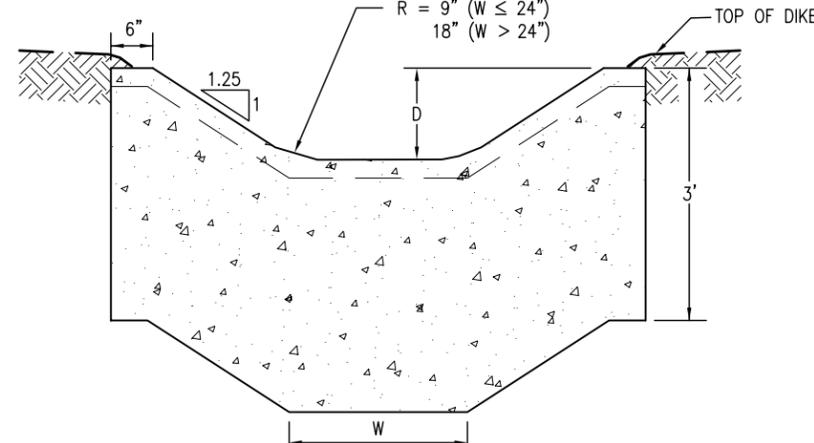
GENERAL NOTES

1. ALL DITCHES SHALL BE CONSTRUCTED TO THE LINES AND GRADES SHOWN ON THE PLANS, USING THE DITCH SECTION SHOWN ON THE PLANS, OR 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.

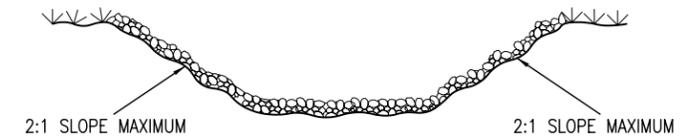


**SECTION A-A
CONCRETE-LINED DITCH**

* FOR SECTIONS WHERE W ≤ 18" AND D ≤ 18" USE T=3"



**SECTION B-B
CUTOFF WALL**

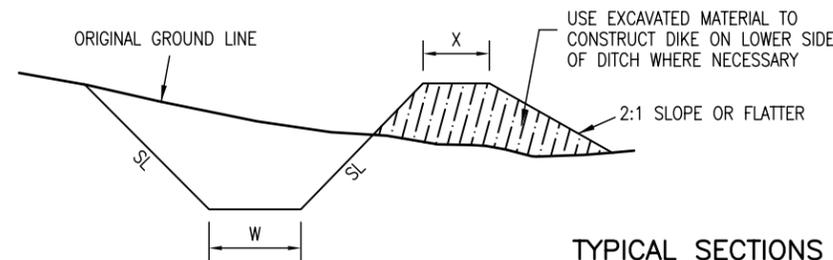


**SECTION C-C
RIPRAP-LINED DITCH**

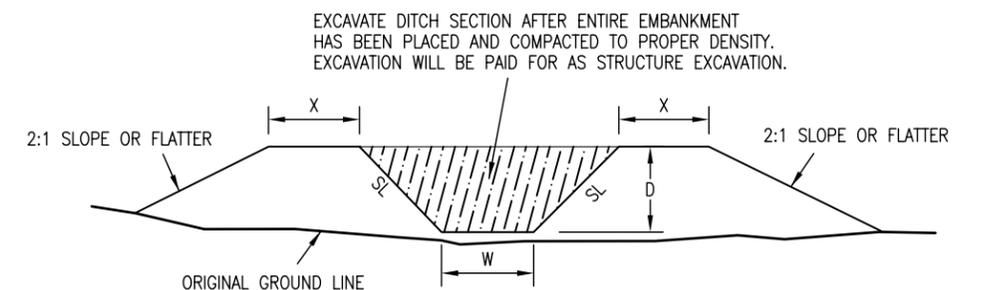
RIPRAP GRADATION SHALL BE AS SPECIFIED IN THE CONTRACT.

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**



CUT SECTIONS



EMBANKMENT 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.

TYPICAL SECTIONS FOR DITCHES

Computer File Information

Creation Date: 07/04/06 Initials: SJR
 Last Modification Date: 07/04/06 Initials: LTA
 Full Path: www.dot.state.co.us/DesignSupport/
 Drawing File Name: 203020101.dwg
 CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English

Sheet Revisions

Date:	Comments
(R-X)	
(R-X)	
(R-X)	
(R-X)	

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Project Development Branch SRJ/LTA

DITCH TYPES

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STANDARD PLAN NO.

M-203-2

Sheet No. 1 of 1