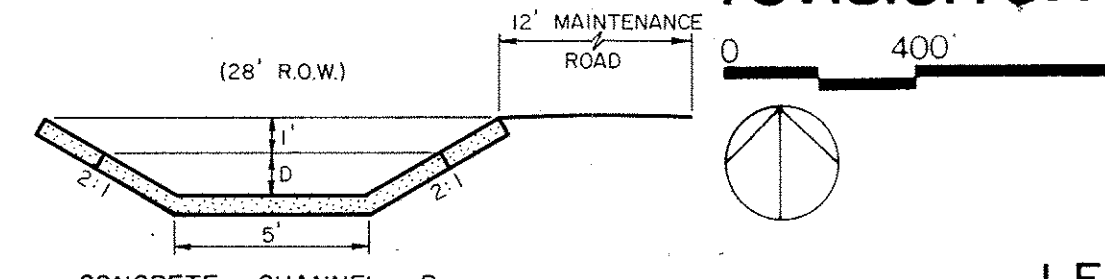


FT. CARSON

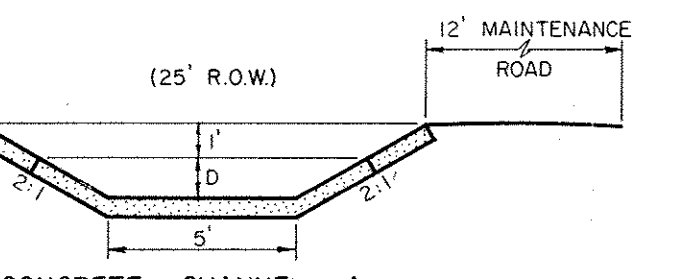
Cheyenne Mountain Ranch

master plan

revision 5A AUGUST 1981



CONCRETE CHANNEL B
 $Q_{100} = 137$ cfs
 $S = 5\%$
 $N = 0.015$
 $D = 1.1'$
 $V = 19$ fps



CONCRETE CHANNEL A
 $Q_{100} = 115$ cfs
 $S = 8\%$
 $N = 0.015$
 $D = 0.8'$
 $V = 20$ fps

LEGEND

- EXISTING PIPE
- BASIN DESIGNATION
- BASIN BOUNDARY
- DIRECTION OF FLOW
- AREA (ACRES)
100 YEAR FLOW (cfs)
- 5 YEAR FLOW
- CUMULATIVE FLOW
AT DESIGN POINT (cfs)

MASTER DRAINAGE STUDY
 BASIN IV, IV-A, IV-B & VII-B
 CHEYENNE MOUNTAIN RANCH
 COLORADO SPRINGS, COLORADO

		ENGINEERS — SURVEYORS BOULDER, COLORADO 80302 COLORADO SPRINGS, COLORADO 80907					
		Date	22 MAR. 83	Designed by	BNW	Job No.	E-2528
Scale	1" = 400'	Drawn by	MEC	Drawing No.	3D218A		Revisions — Date