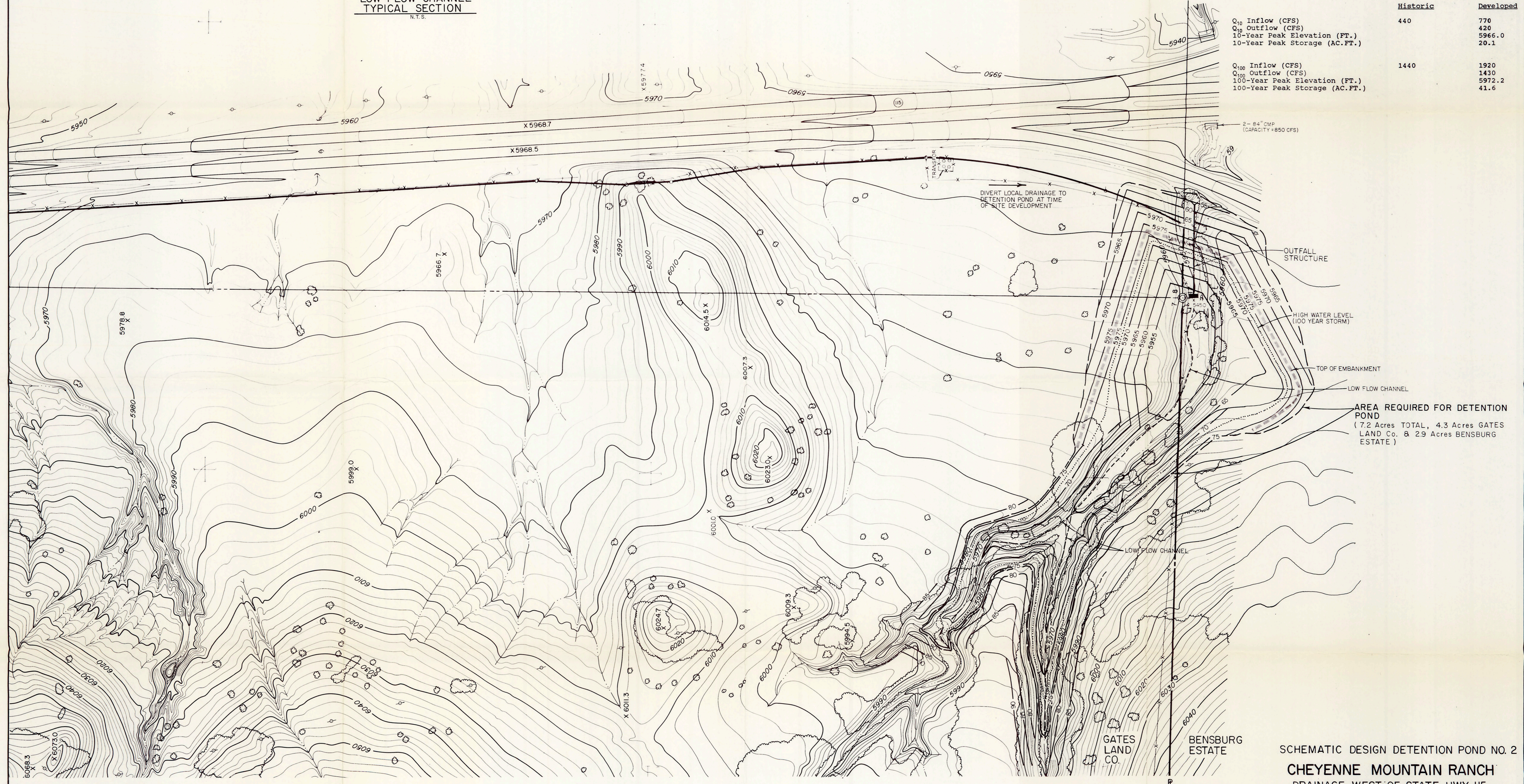


**LOW FLOW CHANNEL
TYPICAL SECTION**
N.T.S.

SUMMARY OF DETENTION POND 2 DATA
NOTE: ALL INFORMATION BASED ON 24-HOUR DURATION STORM

	Historic	Developed
Q ₁₀ Inflow (CFS)	440	770
Q ₁₀ Outflow (CFS)		420
10-Year Peak Elevation (FT.)		5966.0
10-Year Peak Storage (AC.FT.)		20.1
Q ₁₀₀ Inflow (CFS)	1440	1920
Q ₁₀₀ Outflow (CFS)		1430
100-Year Peak Elevation (FT.)		5972.2
100-Year Peak Storage (AC.FT.)		41.6



AREA REQUIRED FOR DETENTION POND
(7.2 Acres TOTAL, 4.3 Acres GATES LAND Co. & 2.9 Acres BENSBURG ESTATE)

SCHEMATIC DESIGN DETENTION POND NO. 2
CHEYENNE MOUNTAIN RANCH
DRAINAGE WEST OF STATE HWY. 115
COLORADO SPRINGS, COLORADO

Drexel Barrell 1700 36TH STREET BOULDER, COLORADO 80501 740 WOOTEN ROAD #100 COLORADO SPRINGS, COLORADO 80915		Engineers/Surveyors Incorporated (303) 442-4338 (303) 991-5151
Date 1 AUG. 1988	Designed by R.M.	Job No. E-3729
26 OCT. 1989 MISC. REV. 31 MAY 1989 CITY COMMENTS 25 AUG. 89 CLIENT REV. Revisions - Date	Drawn by PES Checked by R.M.	Drawing No. 40 002
Scale 1" = 100'		