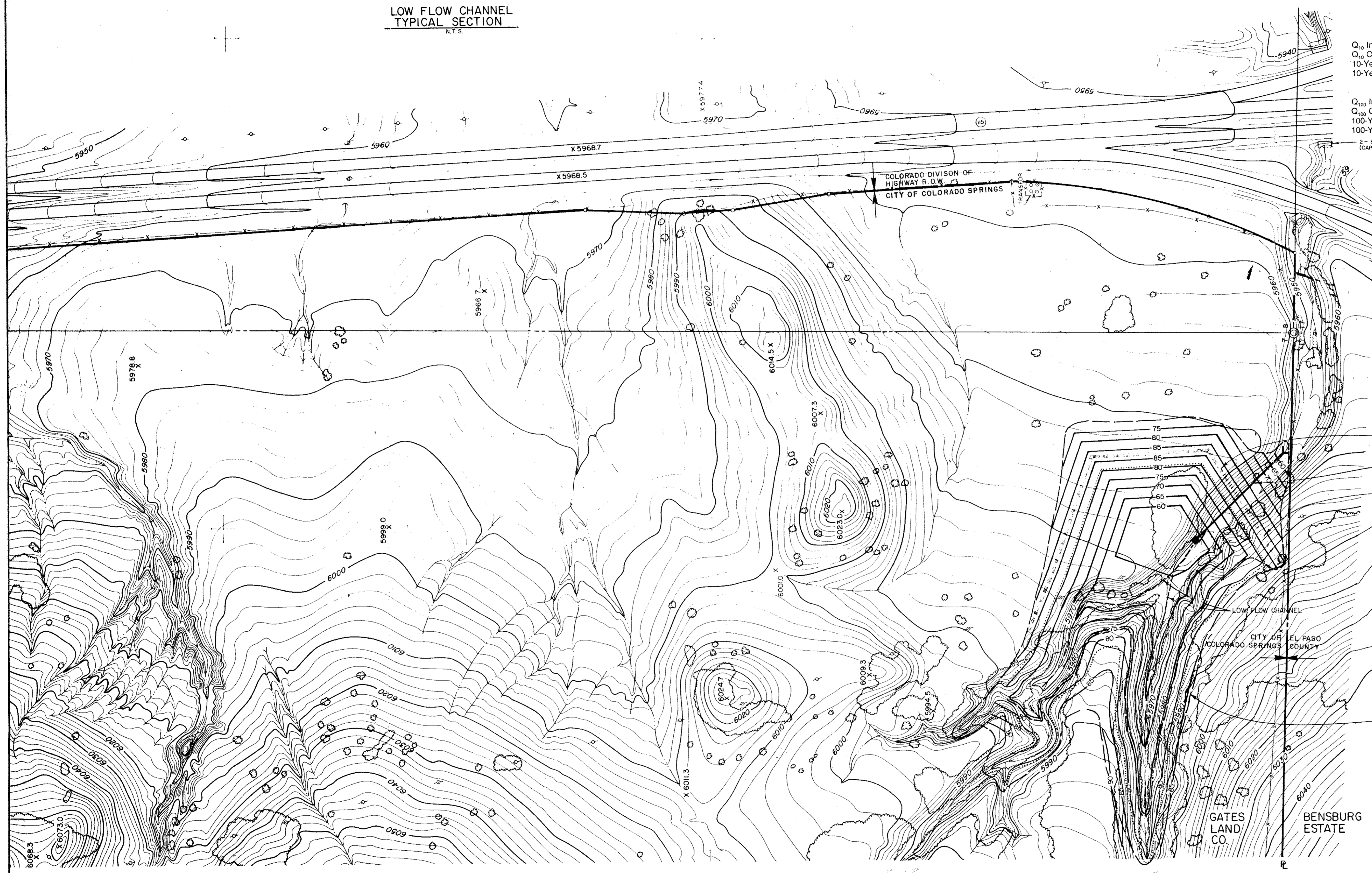


LOW FLOW CHANNEL
TYPICAL SECTION
N.T.S.

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

	Historic	Developed
Q ₁₀ Inflow (CFS)	380	650
Q ₁₀ Outflow (CFS)		360
10-Year Peak Elevation (FT.)		5972.5
10-Year Peak Storage (AC.FT.)		17.1
Q ₁₀₀ Inflow (CFS)	1360	1670
Q ₁₀₀ Outflow (CFS)		1290
100-Year Peak Elevation (FT.)		5980.1
100-Year Peak Storage (AC.FT.)		42.5

2 - 84" CMP
(CAPACITY 850 CFS)



TOP OF EMBANKMENT
OUTFALL STRUCTURE
HIGH WATER LEVEL
(100 YEAR STORM)

APPROXIMATE AREA
REQUIRED FOR DETENTION
POND = 7.2 ACRES

SCHEMATIC DESIGN DETENTION POND NO. 2
CHEYENNE MOUNTAIN RANCH
DRAINAGE WEST OF STATE HWY. I15
COLORADO SPRINGS, COLORADO

Drexel Barrell Engineers/Surveyors 1700 54TH STREET BOULDER, COLORADO 80501 303 440-4286 740 WOOTEN ROAD #100 COLORADO SPRINGS, COLORADO 80915 303 395-5151		Incorporated 080 440-4286 080 395-5151
28 FEB 1990 CITY COMMENTS 26 OCT 1989 MISC. REV. 31 MAY 1989 CITY COMMENTS 25 AUG 88 CLIENT REV. Revisions - Date	Date 1 AUG. 1988 Scale 1" = 100'	Designed by RM Drawn by PFS Checked by RM
17 JUNE 1993 SUMMARY CHART 8 FEB 1991 MISC. REV. 22 OCT. 1990 RELOCATE POND	Job No. EW-1011 Drawing No. 4D 002	