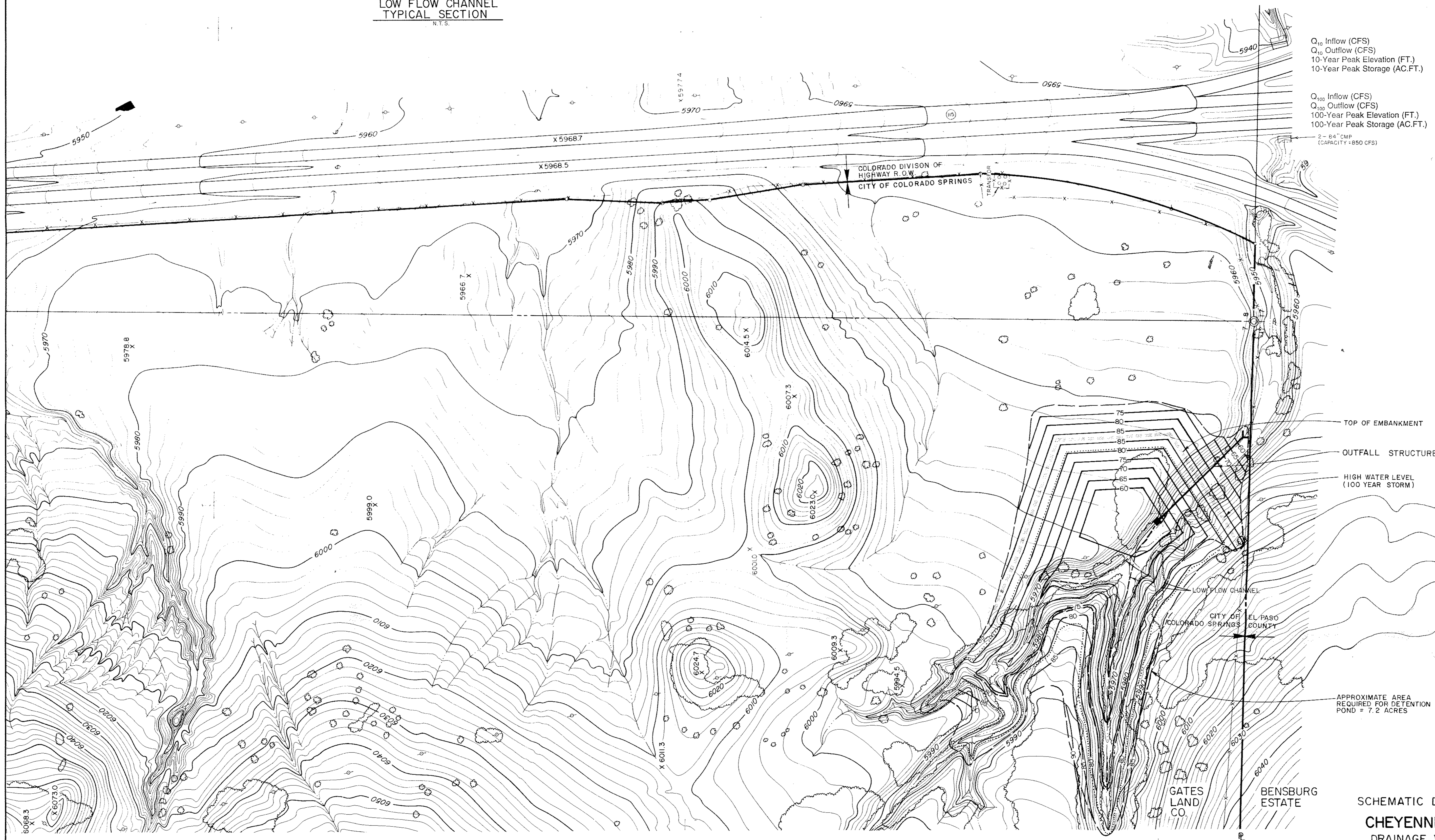


LOW FLOW CHANNEL
TYPICAL SECTION
N.T.S.

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

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

		Drexel Barrell <small>1700 1/2 N. STREET BOULDER, COLORADO 80501 (303) 442-4338</small> <small>140 WOOTEN ROAD #108 COLORADO SPRINGS, COLORADO 80905 (303) 599-3553</small>		Engineers / Surveyors Incorporated
28 FEB 1990 CITY COMMENTS 28 OCT 1989 MISC. REV. 31 MAY 1989 CITY COMMENTS 28 AUG 88 CLIENT REV. Revisions - Date	Date 1 AUG. 1988	Drawn by RM	Job No. EW-1011	
17 JUNE 1993 SUMMARY CHART 8 FEB 1991 M.S.C. REV. 22 OCT. 1990 RELOCATE POND	Scale 1" = 100'	Checked by RM	Drawing No. 4D 002	