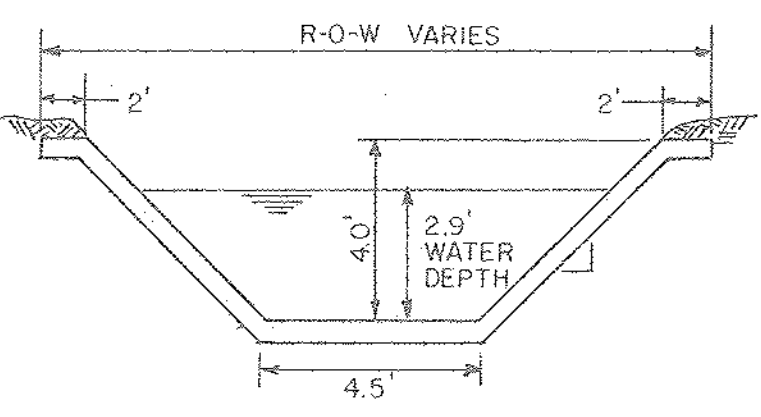
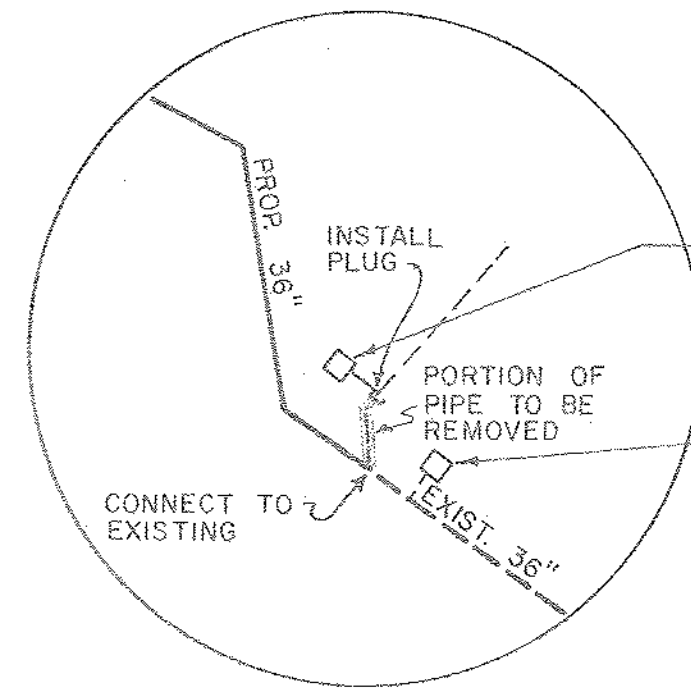


Legend	
	Existing Storm Sewer
	Existing Drainage Structures
	Proposed Storm Sewer
	Proposed Drainage Structures
	Platted Drainage Easements
	Flow Direction
	Basin Boundary
	31.4 cfs 23.2 cfs
	100-Year Storm Peak Flow (Surface) 10-Year Storm Peak Flow (Surface)
	31.4 cfs 23.2 cfs
	100-Year Storm Peak Flow in Pipe 10-Year Storm Peak Flow in Pipe



Section A - A
(PROPOSED)
EXISTING CHANNEL SIDE SLOPES ARE APPROX. 1:1



Connection Detail C

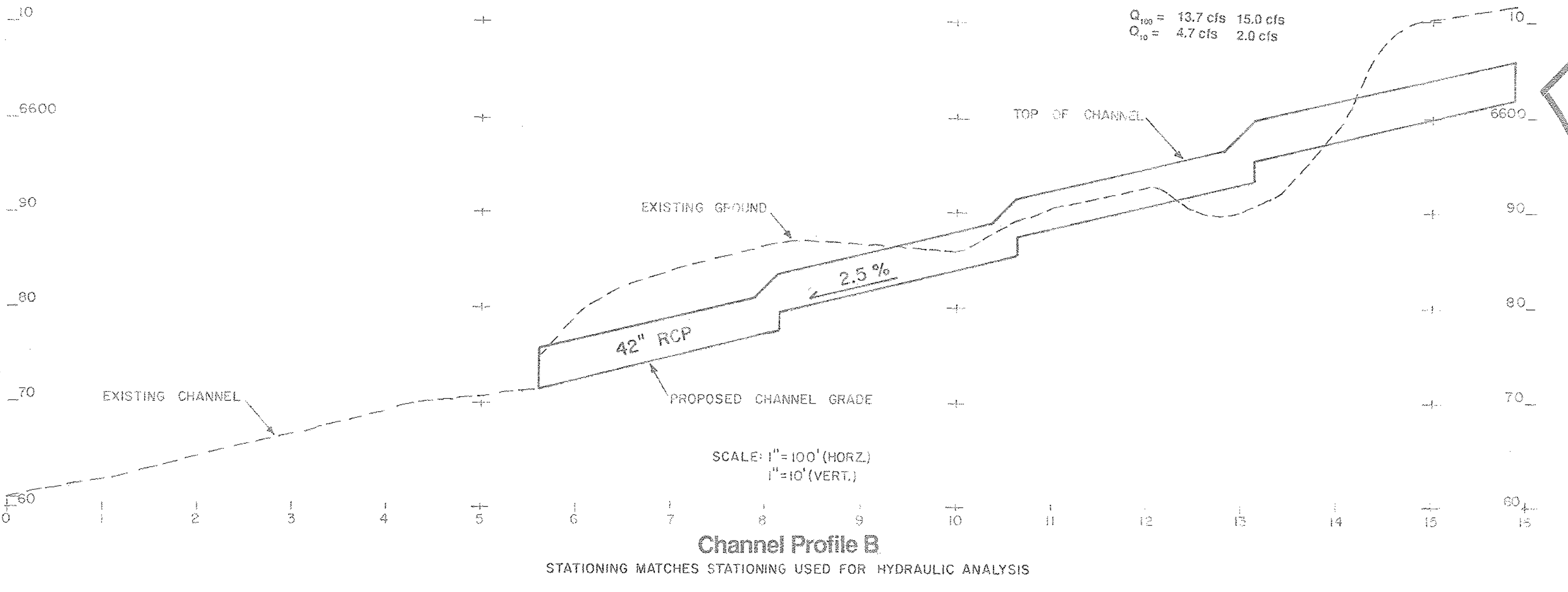
6" D-10R Curb Inlet (Sump)
Q₁₀₀ = 21.6 cfs
Q₁₀ = 3.2 cfs
Q_{Capacity} = 31.5 cfs

6" D-10R Curb Inlet (Sump)
Q₁₀₀ = 48.2 cfs (16.7 cfs Overflow)
Q₁₀ = 30.1 cfs
Q_{Capacity} = 31.5 cfs

10' D-10R Curb Inlet
Pickup Bypass
Q₁₀₀ = 8.2 cfs 9.7 cfs
Q₁₀ = 3.3 cfs 0.5 cfs

10' D-10R Curb Inlet
Pickup Bypass
Q₁₀₀ = 32.1 cfs 57.6 cfs
Q₁₀ = 22.0 cfs 33.2 cfs

10' D-10R Curb Inlet
Pickup Bypass
Q₁₀₀ = 13.7 cfs 15.0 cfs
Q₁₀ = 4.7 cfs 2.0 cfs



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(719) 590-8866

NO.	REVISIONS	BY	DATE	PREPARED UNDER THE SUPERVISION OF	JPM	CLIENT			
				DESIGNED	AWMc	CHECKED	AWMc	SCALE	1" = 200'
				DRAWN	dib	DATE	May 1989		

City of
Colorado Springs



TITLE: **Templeton Gap Basin A Sub-basin 2**
Exhibit I - Recommended Alternative

JOB NO.	743.3
SHEET NO.	1
OF SHEETS	4