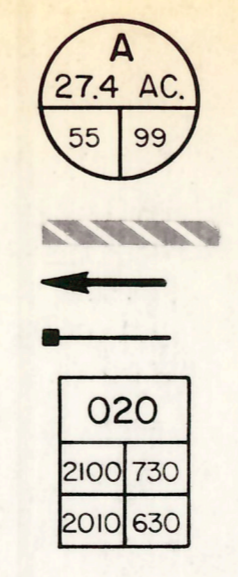


LEGEND



BASIN DESIGNATION
 BASIN AREA
 O YR. FLOW / 100 YR. FLOW (DEVELOPED FLOWS) RATIONAL
 BASIN BOUNDARY
 DIRECTION OF FLOW
 EXISTING STORM SEWER INLET
 TR-20 DESIGN POINT
 100-YR. DEV. FLOW (CFS) WITHOUT DIVERSION / WITH DIVERSION
 100-YR. EX. FLOW (CFS) WITHOUT DIVERSION / WITH DIVERSION
 REQUIRED BERM OR FLOOD PROTECTION HEIGHT FOR 100 YR FLOOD W/O UPSTREAM DIVERSION (INCLUDES 1 FT. FREEBOARD ABOVE SOUTH CURB FLOWLINE FOR CROSS-SECTION A-C, AND WEST CURB FLOWLINE FOR CROSS-SECTION D-F).

VICINITY MAP
 1" = 2000'

TYPICAL BERM SECTION
 N. T. S.

SUMMARY OF FLOW DEPTHS AT CROSS SECTIONS

CROSS SECTION	FLOW DEPTH (FT.)			
	Q100 WITH DIVERSION	Q100 WITHOUT DIVERSION	Q10 WITH DIVERSION	Q10 WITHOUT DIVERSION
A	1.3	2.0	0.8	1.4
B	1.7	2.4	1.8	1.8
C	1.0	1.8	0.8	1.2
D	1.4	2.6	0.5	1.6
E	1.2	2.2	0.5	1.4
F	1.1	2.2	0.5	1.3
G-K (approximate)	1.4	2.6	0.7	1.7

Note: All flow depths are referenced to the south curb and gutter flowline of Fillmore St. for cross sections A, B and C and the West curb and gutter flowline of Templeton Gap Road for cross sections D - F.

**MASTER DEVELOPMENT DRAINAGE PLAN
 THE HOUCK ESTATE
 AT UNION AND FILLMORE
 COLORADO SPRINGS, COLORADO**

Drexel Barrell Engineers/Surveyors Incorporated
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Date: 24 NOV. 1987
 Drawn by: DH
 Checked by: RW
 Job No.: E-3665
 Drawing No.: 3D 944

Revisions - Date

City/County plan review is provided only for general conformance with City/County Design Criteria. The City/County is not responsible for the accuracy and adequacy of the design, dimensions, and/or elevations which shall be confirmed at the job site. The City/County through the approval of this document assumes no responsibility for completeness and/or accuracy of this document.

