

**SUMMARY RUNOFF INFORMATION**

BASIN	DESIGN POINT	BASIN AREA (ACRES)	DEVELOPED FLOWS Q10 CFS	Q100 CFS
A	1	57.4	106	174
B	2	59.8	118	196
C	3	133.1	252	426
<b>OFF SITE BASINS:</b>				
D	4	165	65	169
E	5	40.4	100	175

FEMA 100-Year Floodplain  
Per FIRM No. 080060 0291B  
December 18, 1986

Exist. Dbl. 8'W x 6'H  
Conc. Box Culverts  
Q<sub>100</sub> = 2200 cfs

Exist. Dbl. 9'W x 8'H  
Conc. Box Culverts

Proposed 12'x12' x 8'  
Conc. Box Culvert

Proposed 5' x 4'  
Conc. Box Culvert  
For Powers Blvd.

Proposed Double  
Conc. Box Culverts  
Q<sub>100</sub> = 2350 cfs

Proposed Double  
11'W x 8'H Conc.  
Box Culverts

PETERSON FIELD BASIN  
BASIN A

BASIN E

WINDMILL GULCH BASIN  
BASIN C

LITTLE JOHNSON BASIN  
BASIN B

BASIN D

Curb Inlets Provided to  
Prevent Curb Overtopping  
For Initial Storm and to  
Limit Maximum Depth of  
Gutter Flow to 12" for  
Major Storm.

Freeway Drainage Ditch  
and Erosion Checks will  
be Constructed by the  
Powers Boulevard Contractor.

Proposed 4 - 38" W x 24" H  
Conc. Arch Pipes  
For Powers Blvd.  
Note: Offsite Flow From Basin D  
will be reduced in the future when  
the Airport constructs a new  
detention pond on the So. side of  
Drennan Road.  
Conc. Channel for Offsite  
Flows from Basin D & E  
Q<sub>100</sub> = 344 cfs

Proposed  
Detention Basin  
Q<sub>100</sub> in = 773 cfs  
Q<sub>100</sub> out = 239 cfs  
Vol = 36 Ac. Ft.  
Area = 6.0 Ac.

Proposed 84" RCP  
by Wilson & Co.  
in Windmill Gulch  
DBPS

Proposed Rip Rap Lined  
Channel in the Windmill  
Gulch DBPS.

Proposed 5' x 5' Conc. Channel  
By Little Johnson  
Drainage Basin Planning  
Study (DBPS).

(Exist. Road to be Upgraded  
to Minor Arterial)

New Drennan Road  
Storm Drain

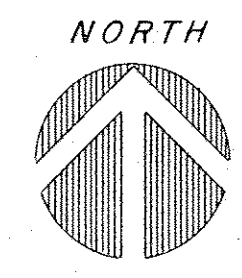
New Chelton Road  
Storm Drain

Proposed 4' x 6' Conc  
Box Culvert by  
Little Johnson DBPS

New Drennan Road  
Storm Drain

Proposed 54"  
Storm Drain

Note:  
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.



SCALE: 1" = 200'

**DRAINAGE PLAN**

Note: The On-Site Facilities Shown  
Hereon are Schematic Only  
Subject to Refinement at the  
Time of Development.

**DRENNAN ROAD SITE  
COLORADO SPRINGS, COLORADO**

**DIGITAL  
EQUIPMENT  
CORPORATION**

**ANDERSON & HASTINGS  
CONSULTING ENGINEERS, INC.  
2059 BRYANT ST. 303/433-8486  
DENVER, COLORADO 80211**

