

Drainage Area = 3.3 acres
 16 = 15 min.

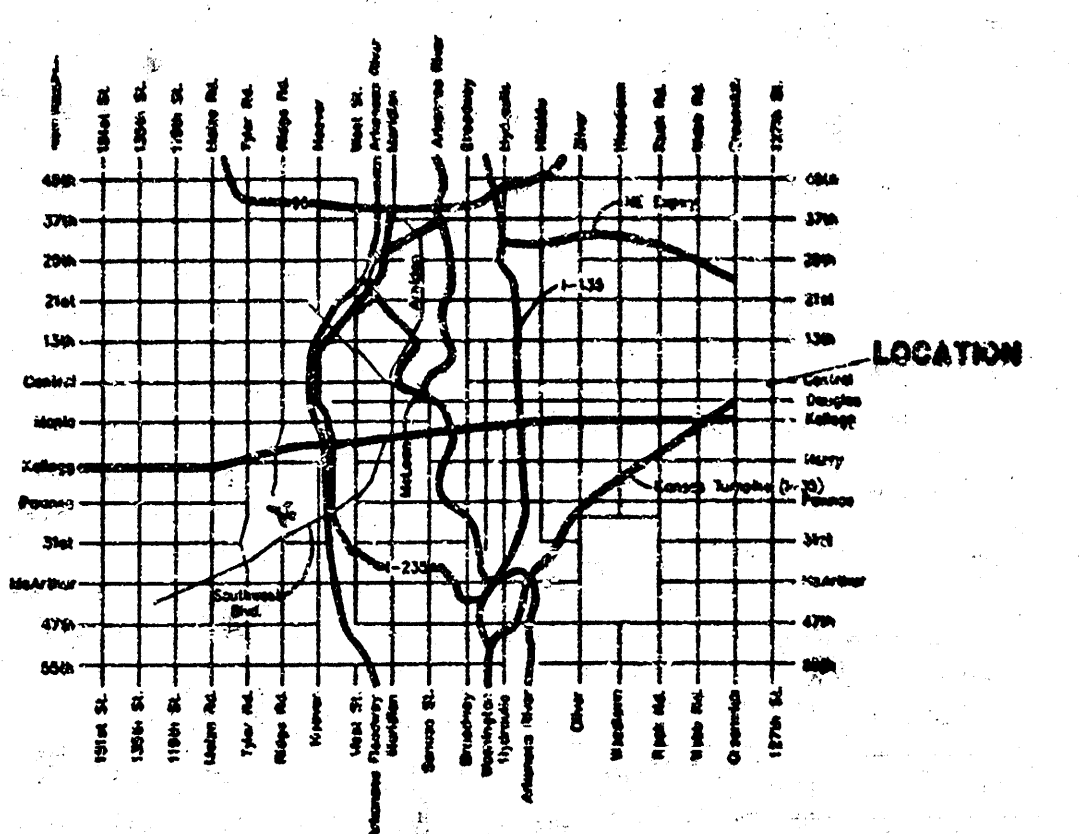
Existing Conditions	Developed w/o Detention
$C = 0.40$	$C = 0.85$
$C_1 = 6.0 \text{ cfs}$	$C_1 = 12 \text{ cfs}$
$C_2 = 8.7 \text{ cfs}$	$C_2 = 21 \text{ cfs}$

Detention Area shall be designed to reduce the developed flowrates to existing conditions.

Parabola Area	Area (cc)	Cu	Cu*	Ts (min)	Is (hr/yr)	1-in (hr/yr)	Qc (cfs)	Qm (cfs)
1	3.3	0.85	0.85	15	4.56	7.6	12.8	20.1
2	0.8	0.85	0.85	15	4.56	7.36	3.1	5.5
3	0.2	0.85	0.85	15	4.56	7.36	0.8	1.3
4	1.0	0.85	0.85	15	4.56	7.36	3.9	6.3
5	0.6	0.85	0.85	15	4.56	7.36	2.3	3.8
6	0.9	0.85	0.85	15	4.56	7.36	3.5	5.6
7	0.2	0.85	0.85	15	4.56	7.36	0.8	1.3
8	0.8	0.85	0.85	15	4.56	7.36	3.1	5.0

- = JIM BEARD W/ "BAUGHMANN" CAP (SE)
 ⊙ = PW NAE (FOUND)
 1/2" = 1/2" HOLE IN BOMBERS (FOUND)
 ⊕ = PLUG IN (CIGARETTE FOUND)
 ⊖ = MAG NAE IN SHIMMER (FOUND)
 BENCHMARCH: ☐ 1/2 SW COR.
 TRAFFIC SIGNAL BASE.
- CR ☞ = Catch Basin
 CR ○ = Caisson
 CR ⊙ = Electric Fly Pedestal
 EB □ = Electric Bat
 FH ○ = Fire Hydrant
 GH ⊙ = Gas Meter
 GH ⊕ = Guy Anchor
 GH ⊖ = Gas Valve
 H/P ⊕ = High Line Pole
 I/C ⊕ = Irrigation Control Valve
 LP ⊙ = Light Pole
 LP ⊖ = Mail Box
 M ⊙ = Monitoring Well
 PW ⊙ = Pipeline Monitor
 pp ⊙ = Power Pole
 p ⊕ = Power Pole
 Sp ⊕ = Sign
 SSWH ⊙ = Sanitary Sewer Manhole
 SSWH ⊕ = Southwestern Bell Manhole
 SWP Part ⊙ = Southwestern Bell Pedestal
 SWP ⊕ = Stormwater Sewer Manhole
 T ○ = Tree
 TP ⊙ = Traffic Bat
 TP ⊕ = Traffic Manhole
 W ⊙ = Cased Well
 W ⊕ = Water Meter
 W ⊖ = Water Valve
 WVT ⊕ = Water Vault
 WVT ⊙ = Transformer

 = Drainage Basin Boundary
 = Drainage Basin Identifier
 = Flow Direction



NOTE: The proposed drainage plan provided herein is a generally defined plan to follow for design. It is recognized and assumed that upon the final design of site layout and grading within this plot that the designer will modify or alter the general drainage plan as necessary in order to implement the installation of the improvements to obtain the most economical design and construction possible.