

SUPPLEMENTAL DRAINAGE ANALYSIS

For

**Remaining Portion of Tract B
Cottonwood Corners
(A14/D7D)**

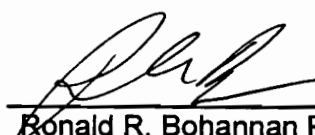
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JN 990062
CARL'S JR. @ COTTONWOOD CORNERS
CONCEPTUAL OVERALL DRAINAGE SUMMARY

Basin	Area (ACRE)	Drop Inlet Invert Elev.	Drop Inlet Rim Elev.	Ponding Capacity (AC-FT)	Max. Water Surface Elev.	Maximum Storage (AC-FT)	Orifice Diameter (INCH)	Peak Discharge (CFS)
A	0.773	5041.18	5044.01	0.158	5044.99	0.69	3.20	0.52
B	0.795	5041.30	5044.13	0.173	5044.88	0.07	3.30	0.53
C	2.520	5041.30	5044.13	0.385	5045.26	0.22	5.80	1.70
D	1.082	5041.18	5044.13	0.299	5044.98	0.10	3.70	0.69
E	1.432	5037.94	5046.70	0.137	5048.12	0.12	3.50	1.02
F	1.944	5035.99	5041.90	0.547	5042.73	0.17	4.40	1.30
G	1.321	5034.55	5038.80	0.478	5039.53	0.12	3.90	0.87
H	0.893	5032.51	5039.40	0.276	5040.19	0.08	2.90	0.61
I	0.792	5035.93	5040.00	0.709	5040.47	0.07	3.00	0.49
J	1.065	5036.95	5042.70	0.571	5043.30	0.09	3.30	0.71
K	1.651	5037.85	5043.70	1.675	5044.14	0.15	4.00	1.04
Outfall MH In CW DR		5032.12	5039.48				Total Q =	9.49

Note: All storm drain pipes to be installed at 0.6 % slope