DRAINAGE CONCEPT

BASIN AREA = 9.3 Ac.
Q_{100} (Peak) = 50 cfs

BASIN AREA = 50 Ac.
Q_{100} (Peak) = 130 cfs

BASIN AREA = 37.2 Ac.
Q_{100} (Peak) = 199 cfs

BASIN AREA = 23.3 Ac.
Q_{100} (Peak) = 104 cfs

BASIN AREA = 8.3 Ac.
Q_{100} (Peak) = 45 cfs

BASIN AREA = 5.1 Ac.
Q_{100} (Peak) = 23 cfs

BASIN AREA = 5.3 Ac.
Q_{int} to #3 = 7 cfs
Q_{int} to #6 = 5 cfs

BASIN AREA = 53.0 Ac.
Q_{100} (Peak) = 169 cfs

POND #	STATIC POOL ELEV.	HIGH BANK ELEV.	SURF. AREA @STATIC	SURF. AREA @ BANK	DWS100	Q100(in)	Q100(out)
A	1353.0	1358.5	2.35	3.00	1355.99	199	78
B	1350.0	1352.5	1.00	1.35	1351.69	169	158
Ster. Farms 2nd # 1 & 2	1346.5	1351.5	No Change	No Change	1349.84	423	330
2	1345.4	1349.0	1.30	1.90	1348.68	172	79
3	1339.0	1346.0	0.40	0.70	1343.59	89	66
4	1345.0	1349.0	0.90	1.40	1348.51	104	18

LOCATION MAP