

c) Pond Volume Calculations:

<u>Depth</u>	<u>Area</u>	<u>Avg. Depth</u>	<u>Volume</u>
56.60'	3300	0.27'	904
56.85'	3770	0.47'	1785

d) Channel Calculations: $W=2'$, $S=0.01$, $n=0.02$
(conservative to account for turbulent entrance) →
 $D_n = 0.33' < 0.5'$