

74 Pine Point Road – Review of Drainage – E. Dodd

1. The profile of Pine Point Road has not changed. The catch basin has not changed. The catch basin rim is at 198.4 feet. Pine Point Road slopes from 200' on the East side (72 lot) to 199' on the West side (76 lot) with a dip to 198' at the catch basin. Nothing has changed. Runoff from the road and surrounding parcels is still directed to the catch basin. The capacity of the catch basin is not known.
2. The stone wall remains in place along the lake side of Pine Point Road.
3. There are swales on either side of the proposed dwelling directing runoff from the roof and any runoff from Pine Point road to Pea Stone Diaphragm for infiltration. If the catch basin cannot keep up with the runoff, the excess runoff is directed through the stone wall to the front yard and then partially infiltrated to the infiltration chambers with excess runoff directed to the swales.
4. Runoff from the dwelling and Pine Point Road in the front yard is partially controlled by infiltration units below the surface covered with loam, then 6" if granular well graded soil/aggregate mixture to the chambers surrounded with ¾" to 2" washed crushed, angular stone. There is a 1' drop from the dwelling to the road.

