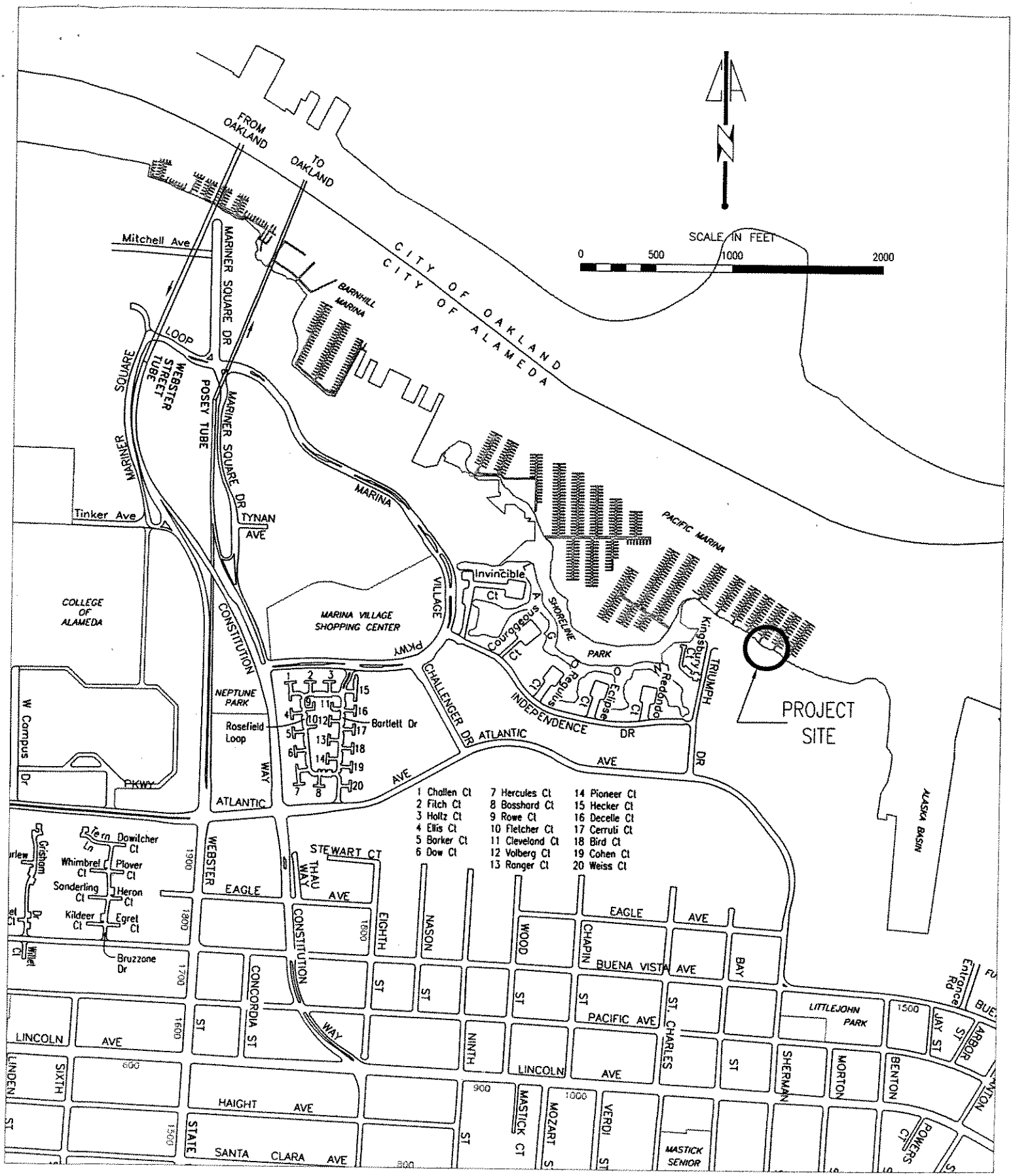
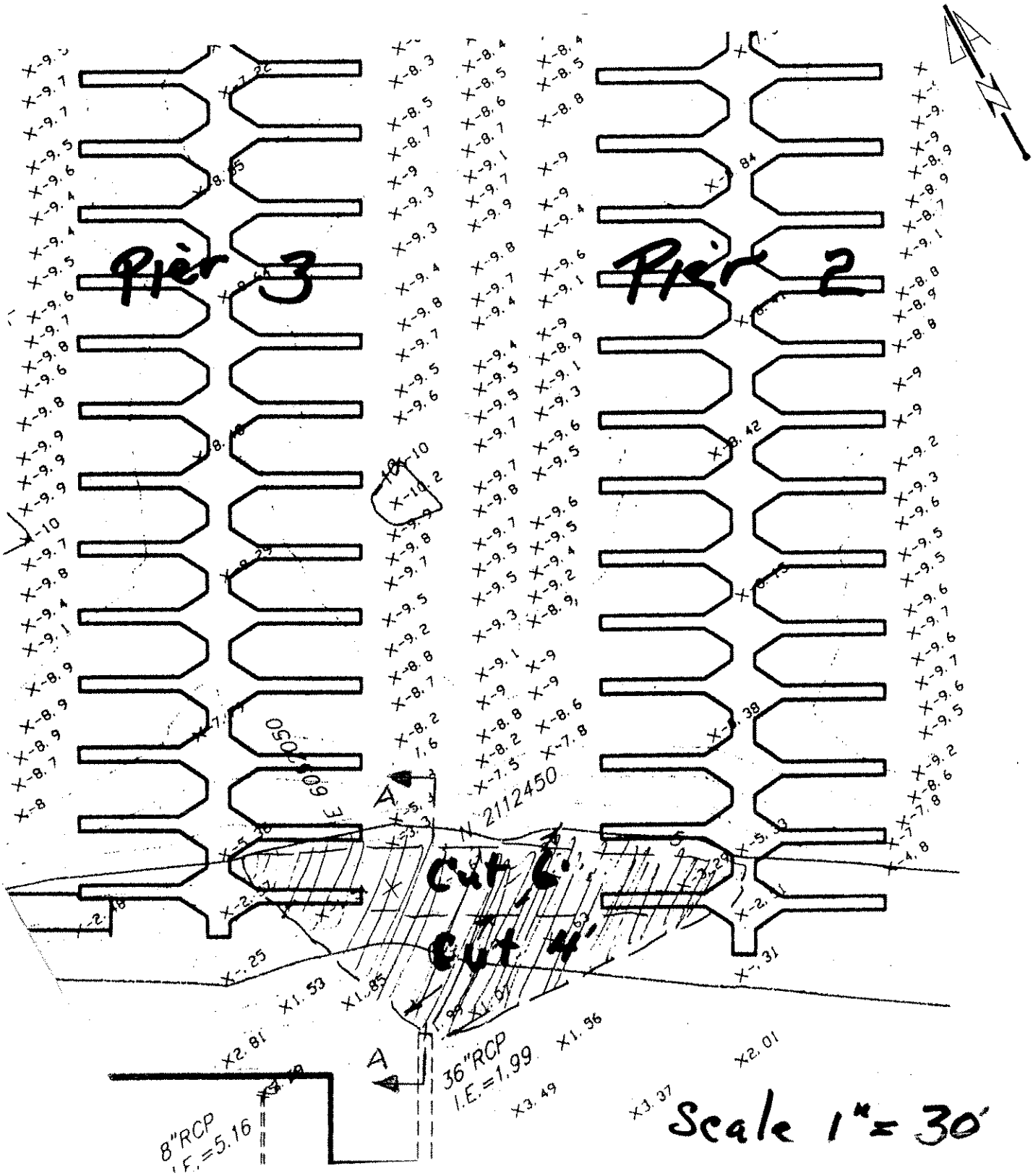


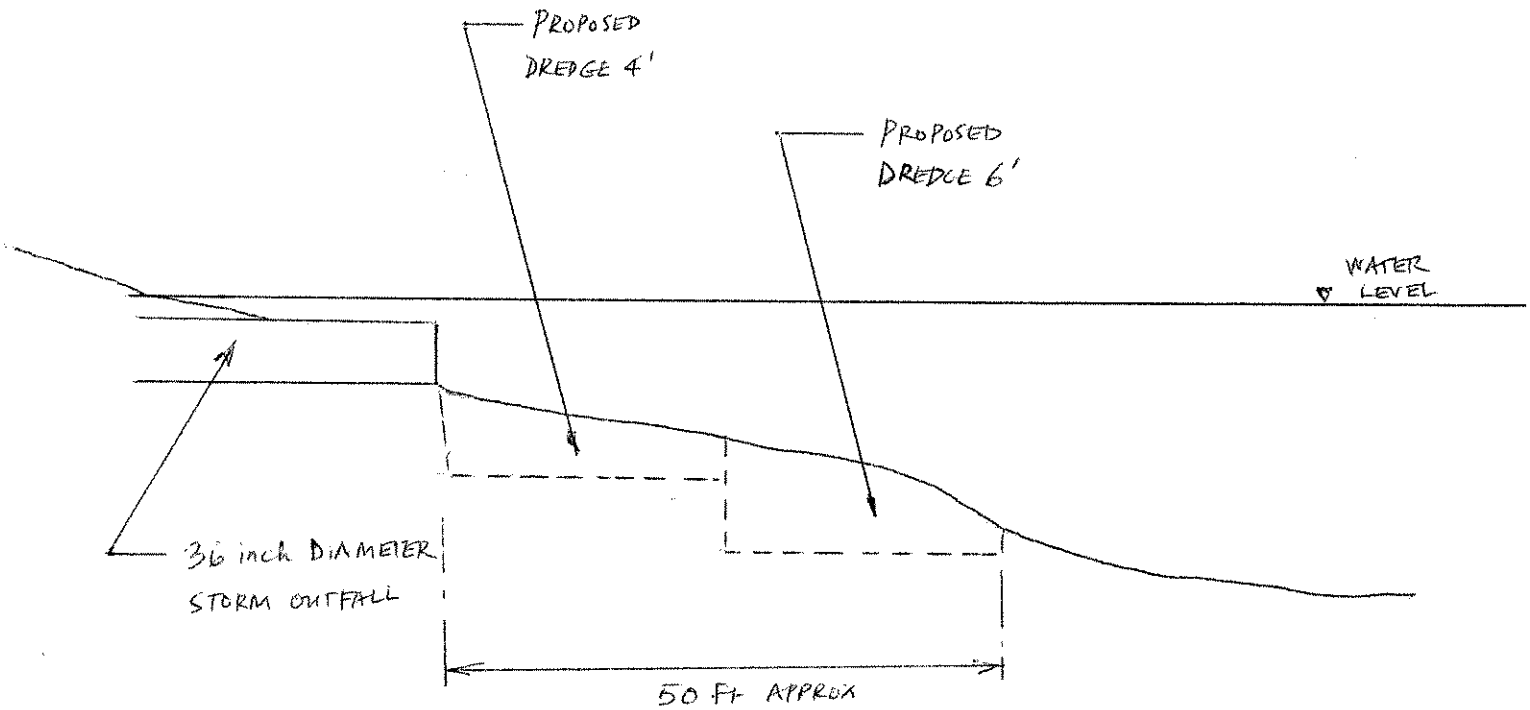
PROJECT : DREDGING AT OAKLAND YACHT CLUB

FIGURE 1 : VICINITY MAP



PROJECT : DREDGING AT OAKLAND YACHT CLUB

FIGURE 2 : PLAN VIEW

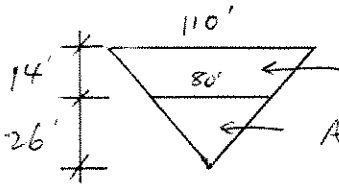


SECTION A-A (NTS)

PROJECT : DREDGING AT OAKLAND YACHT CLUB

FIGURE 3 : CROSS SECTION

Calculations of quantities to be dredged



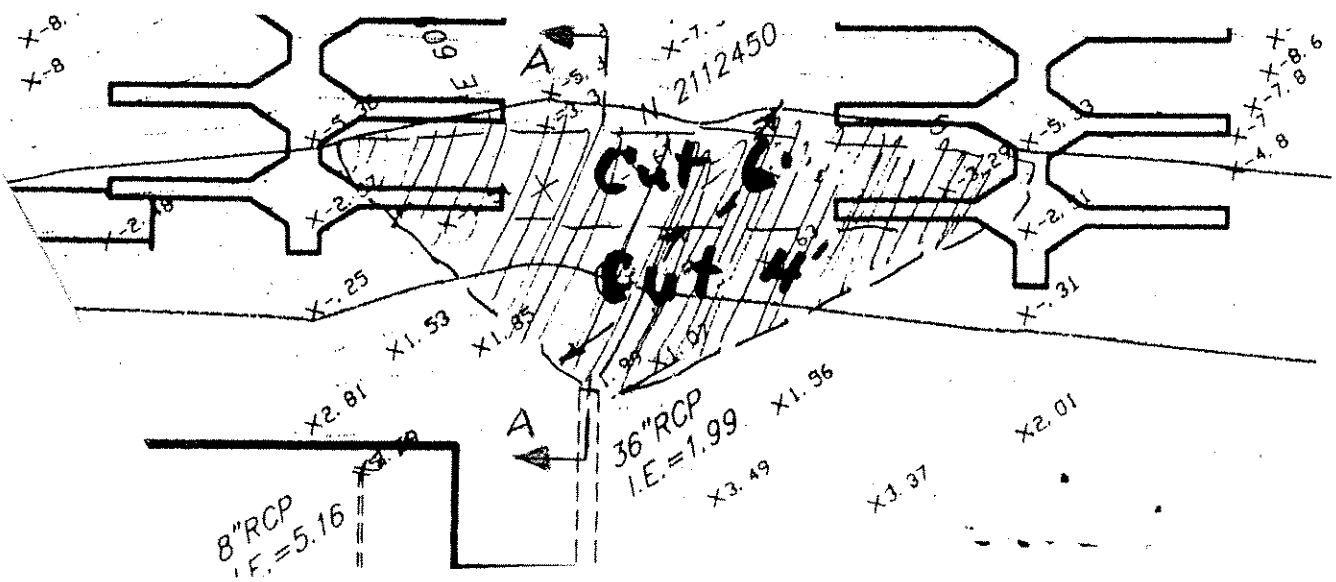
Area A, dredged to 6' at centre (deepest) and slope to 0' at edge

Area B, dredged to 4' at centre (deepest) and slope to 0' at edge

A $\frac{110' + 80'}{2} \times 14' \times \left(\frac{6'}{2}\right) = 3990$ cu.ft $= 148$ cu yd

B: $\frac{80'}{2} \times 26' \times \left(\frac{4'}{2}\right) = 2080$ cu.ft $= 77$ cu yd

Total $= 225$ cu yd



PROJECT : DREDGING AT OAKLAND YACHT CLUB

PLAN VIEW