

Orange County Public Works Land Surveying Geomatics Department Glassell Field Office



Niguel Shores Revitment Monitor

Horizontal Datum: NAD 83 CCS Zone VI, 1991.35 Epoch OCS Adjustment

Vertical Datum: NAVD 88, OCS 1995 Adjustment

U.S. Survey Foot

Baseline Data Established July 23, 2023

This Data Is To Supplement OCS Project: Dana Point - Niguel Shores EC41908

Note : Standard Deviations (σ^2) at two sigma 95%

BASELINE DATA				DATE OF SURVEY: 7/23/2023		
POINT #	Northing (ft)	Easting (ft)	Elev (ft)	<u>Major σ^2</u>	<u>Minor σ^2</u>	<u>Elev σ^2</u>
2005	2117775.713	6113969.066	18.15	0.024	0.018	0.021
2006	2118130.556	6113793.604	18.29	0.026	0.015	0.017
2007	2118467.307	6113607.031	19.59	0.023	0.021	0.024

2-26-24 Monitor

POINT #	Northing (ft)	Easting (ft)	Elev (ft)	<u>ΔN</u>	<u>ΔE</u>	<u>$\Delta ELEV$</u>
2005	2117775.706	6113969.072	18.14	-0.007	0.006	-0.01
2006	2118130.552	6113793.597	18.29	-0.004	-0.007	0.00
2007	2118467.311	6113607.045	19.55	0.004	0.014	-0.04

4-23-25 Monitor

POINT #	Northing (ft)	Easting (ft)	Elev (ft)	<u>ΔN</u>	<u>ΔE</u>	<u>$\Delta ELEV$</u>
2005	2117775.708	6113969.056	18.13	0.005	0.010	-0.02
2006	2118130.553	6113793.593	18.28	0.003	0.011	-0.01
2007	2118467.315	6113607.036	19.56	-0.009	0.009	-0.03