

OWKK2 - Waikiki Aquarium

Date first used	Waikiki Aquarium OWKK2-1		Survey Dates						
			8/18/1994	1/25/1995	9/11/1995	8/21/1996	3/9/1997	8/5/1997	12/30/1997
8/19/1994	RP#1	Army Corps benchmark west wall	RP1	RP1	RP1	SRP	SRP	SRP	SRP
8/19/1994	RP#2 *	Landward path on 8" wall	RP2	RP2	RP2	BRP	BRP	BRP	BRP
8/19/1994	RP#3 **	Nail in swd path (online)	RP3	RP3	RP3	FRP	-	-	-
8/19/1994	RP#4	Seaward path on 8" wall	RP4	RP4	-	-	FRP	FRP	FRP
8/19/1994	RP#5	Army Corps benchmark, S end of wall	RP5	-	RP5	-	-	-	-
8/19/1994	RP#6	Chip on wall by RP5	RP6	-	-	-	-	-	-
	Start of Line		BRP	BRP	BRP	Indwd.path	Indwd.path	Indwd.path	BRP
	Bearing		240°	-	240°	-	240°	-	-
* = new PK nail or other marker									
LOCATION:	Just north of Natatorium along boardwalk behind Aquarium in Kapiolani Park. Park by San Souci beach								
LINE-UP:	E wall of the white aquarium building where the building meets the fence, and follows a bearing of 060°								
RP#1	Army Corps BM (1948) north end of aquarium building, in center of low concrete block attached to building.								
RP#2	Chip, 5cm from edge, in heart-shaped white spot on top of low (20cm) concrete wall below fence, where fence meets building								
RP#3	Hard to find nail inline at base of seaward rockwall along boardwalk.								
RP#4	Divot on top, Indwd side of rock seawall on swd side of boardwalk. Directly E of divot is broken up stone repaired with concrete.								
RP#5	Army Corps BM at south end of low rockwall fronting water on platform at top of steps. Use stadia rod.								
RP#6	Chip on top south end of wall before stairs just west of Natatorium, near ACOE BM (RP5)								
GPS1	WKK1 (aka WK2A?) = RP5; ACE Benchmark								
GPS2	WKK2 (aka WK2B?) = RP3; PK online								
NOTES:									
2/28/96	GPS Survey. WKK1, WKK2								
1/1998	Surveying terminated January 1998.								
GPS Positions (Adjusted)									
		Longitude	Latitude	Elevation (meters above local tidal datum)					
	WKK1	-157.82225	21.266001	-1.931					
	WKK2	-157.82222	21.265717	-0.240					
Note: Large (<2m) difference between EDM and GPS surveyed points. Something wacky with the GPS adjustment.									
* Primary GPS for elevation control; RP3/FRP/WKK2 = -0.24									
** Primary reference point; RP2/BRP = -0.077									