

OKUA2 - Kualoa Beach Park, Bay Side

Date first used	Kualoa Beach Park - Bay Side OKUA2		Survey Dates Used										
			8/8/1994	1/19/1995	9/12/1995	3/9/1996	8/24/1996	2/23/1997	8/6/1997	1/5/1998	7/23/1998	1/27/1999	7/30/1999
8/8/1994	RP#1A	Divot on rock wall, FERRETI 1-29-86	RP1A	RP1A	RP1A	SBRP	-	-	-	-	-	-	-
8/8/1994	RP#2A	Nail in 2nd Palm swd. of wall	RP2A	RP2A	RP2A	MRP	-	-	-	-	-	-	-
8/8/1994	RP#3A **	Nail in 3rd Palm swd. of wall	RP3A	RP3A	RP3A	FRP	BRP	BRP	BRP	BRP	BRP	BRP	BRP?
8/24/1996	RP#4A	Nail in stump of W tree, online	-	-	-	-	FRP	FRP	FRP	FRP	FRP	FRP	FRP?
1/5/1998	RP#9	PK nail on Hau tree W of line	-	-	-	-	-	-	-	SRP	SRP	SRP	-
	Start of Line		WALL	top.wall	base.RP2A	top.wall	top.wall	base.wall	base.RP3A	base.RP3A	base.RP3A	at.BRP	at.BRP
	Bearing		151°	-	153°	149°	-	152°	-	-	165°		

* = new PK nail or other marker

Location: South end of Kualoa Beach Park at the north end of Kaneohe Bay along Kam Hwy.
 The line is not visible from the parking lot, but can be reached by following rockwall S, then W to a group of palms between rockwall and vehicle dirt path.

Line-up: Profile is defined by three beetnut palms inline about 5m landward of dirt path and abutting rockwall at gradual westward turn in rockwall.

RP#1A Divot in rockwall inside lower circle of "8" in "FERRETTI, 1-29-86" inscription located 1.5m north of palms.

RP#2A Nail facing SE, 34" above ground, in short date palm 6" seaward of rock wall; palm is second tree from wall

RP#3A Nail facing SE, 32" (84.5cm) above ground, in date palm. Palm is ~20' landward of the car path, and it is the 3rd tree seaward of the rock wall.

RP#4A PK nail on flag, 2.5 cm above ground on sawed-off knob b/w 2 western trunks (of 3 forming "W") of Hau tree. Knob may be covered with growth.

RP#5 Center of manhole cover for sewer S of profile line OKUA1-1 near drinking fountain.

RP#6 Nail in south corner of low rockwall, 8cm from "KGB" engraving

RP#7 Nail on west, landward corner of bath house located at point.

RP#8 Center of manhole cover by restroom on Point

RP#9 PK nail on flag on Hau tree facing due E; tree is on landward side of dirt path, ~20m South of profiling line, ~2m seaward of FRP.

GPS1 KUA2(1/95), RP8? Data sheet lost

GPS2 KUA1(1/95, 3/96), RP5, Data sheet for 1/95 lost; Center of sewer cover by line 75' from water; 10' south of drinking fountain

GPS3 KU1A, aka KUA2 (3/96): RP1, PK nail in south end of parking lot in red zone parking on north edge of white line dividing the only two parking spots in red zone farthest south about 1.3; landward of curb

NOTES:
 1/19/95 GPS Survey; KUA1 and KUA2
 3/1/96 GPS Survey; KU12, KUA1, KUA2
 7/30/99 No RP numbers identified

Preliminary GPS Positions (no final adjustment)

	Longitude	Latitude	Elevation (meters above local tidal datum)
KUA1	-157.835815	21.511116	1.020
KUA2	-157.83577	21.509691	1.493

*Primary GPS for elevation control; RP5/GPS2/KUA1 = 1.020

**Primary reference point; RP3A/BRP = 1.858

Note: Unsure of GPS location, name, etc. Relative location looks good. Consider this "close" but not exact.