

OKUA1 - Kualoa Beach Park, Ocean Side

Date first used	Kualoa Beach Park - Ocean Side OKUA1		Survey Dates											
			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	1/28/1999	7/30/1999	
8/9/1998	RP#1	So. end of parking lot in red zone	RP1	-	-	GP1	-	-	-	-	-	-	-	
8/9/1998	RP#2	2nd Palm Seaward	RP2	RP2	BRP	BRP	BRP	BRP	BRP	BRP	*BRP	BRP	BRP	BRP?
8/9/1998	RP#3 **	4th Palm Seaward	RP3	RP3	FRP	FRP	FRP	FRP	FRP	FRP	*FRP	FRP	FRP	FRP?
8/9/1998	RP#4	Bathroom curb	RP4	-	-	-	-	-	-	-	-	-	-	-
8/9/1998	RP#5 *	Manhole cover center	RP5	-	RP5	GPS2	SRP	-						
8/9/1998	RP#6	So. corner of rockwall	RP6	RP6	RP6	SRP	-	-	-	-	-	-	-	-
8/9/1998	RP#7	So bathroom	RP7	-	-	-	-	-	-	-	-	-	-	-
1/19/1995	RP#8	Manhole cover by RR on Point	-	MAN	-	-	-	-	-	-	-	-	-	-
	Start of Line		rd.post	lwd.p.lot	swd.p.lot	swd.p.lot	swd.p.lot	swd.p.lot	swd.p.lot	swd.p.lot	swd.p.lot	base.BRP		at.FRP
	Bearing		265°	-	260°	256°	-	248°	-	260°	255°			
* = new PK nail or other marker														
Location:	South end of Kualoa Beach Park, which is located just north of Kaneohe Bay along Kamehameha Hwy across from Kualoa Ranch													
Line-up:	Defined by five palm trees S of and parallel to S side of bath house north of the bath house on the point and north of the grassy field.													
RP#1	Nail, ~1.3' from curb in red zone of parking lot on south side of white line on last south, seaward stall.													
RP#2	Nail facing SE ~50cm from base of second palm seaward of parking lot in line of palms parallel to south side of bath house.													
RP#3	Nail facing Kualoa Pt. ~35cm up 4th palm seaward of parking lot in line of 5 palms parallel to south side of bath house.													
RP#4	Nail on seaward-facing curb of bath house near westside entrance (Mens).													
RP#5	Center of manhole cover for sewer south of profile near drinking fountain.													
RP#6	Nail in south corner of low rockwall.													
RP#7	Nail on west, landward corner of bath house located at point.													
RP#8	Center of manhole cover S of restroom on the Point, on the bay side													
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; RP3/FRP = 1.768														
Note: Unsure of GPS location, name, etc. Relative location looks good. Consider this "close" but not exact.														