

OLNK1 - Southeast Lanikai

Date first used	SouthEast Lanikai OLNK1-1		Survey Dates											
			8/3/1994	2/1/1995	9/10/1995	3/8/1996	8/25/1996	2/2/1997	7/30/1997	1/9/1998	7/23/1998	2/2/1999	8/5/1999	
8/3/1994	RP #1	nail in crease, makai wall	RP1	RP1	-	SRP	-	-	-	-	-	-	-	-
8/3/1994	RP #2	"K" on manhole cover	RP2	RP2	-	-	-	-	-	-	-	-	-	-
8/3/1994	RP #3	N side of N pole at access entrance	BRP/RP3	BRP/RP3	BRP	-	-	-	-	-	-	-	-	-
8/3/1994	RP #4	Nail in telephone pole	RP4	RP4	RP1	-	-	-	-	-	-	-	-	-
8/3/1994	RP #5	nail on white line on road	RP5	RP5	RP2	GP2	-	-	GPS2	GPS	GPS	-	-	-
9/10/1995	RP#8	divot on seaward side of manhole cover	-	-	RP3	FRP	FRP1.1	FRP	FRP1	FRP1.1	FRP1.1	FRP, used1-2	FRP, used 1-2	-
9/10/1995	RP#9	PK at ramp/access wall intersection	-	-	FRP	-	-	-	-	-	-	-	-	-
3/8/1996	RP#10 **	railroad spike in seaward asphalt shoulder	-	-	-	BRP	BRP1.1	BRP	BRP1	BRP1.1	BRP1.1	used 1-2	BRP, used1-2	-
		Line Number	A	A	A	B	B	B	B	B	B			
		Start of Line	ROAD	swd.shoulder	swd.road	top.low.wall	NEAR.RP8	RP10	RP10	white.line.rd	RP10		swrd.top.wall	
		bearing	62°	-	62°	61°	-	65°	63°	70°	79°			
Date first used	SouthEast Lanikai OLNK1-2		Survey Dates Used											
			8/3/1994	2/1/1995	9/10/1995	3/8/1996	8/25/1996	2/2/1997	7/30/1997	1/9/1998	7/23/1998	2/2/1999	8/5/1999	
8/3/1994	RP #6	Nail on palm	RP6	RP6	RP5	*FRP3	*RP1.2	LOST	-	-	-	-	-	-
3/8/1996	RP #11	nail on concrete pad below fence	-	-	-	SRP3	-	RP2	-	-	RP11	used 1-1,1-2	-	-
7/30/1997	RP #15	top corner post, green fence	-	-	-	-	-	-	RP2	RP1-2	RP1-2	used 1-1,1-2	BRP 1-1, used 1-2	-
		Line Number	A	A	A	A	B(offline)	C(new.line)	C	C	C			
		Start of Line	base.palm	top.fence	swd.fence	TS	?	base.fence	base.fence	base.fence	RP11	on.BRP	rd.ht.3.429??	
		bearing	65°	-	64°	64°	64°	75°	70°	71°	77°			
Date first used	SouthEast Lanikai OLNK1-3		Survey Dates Used											
			8/3/1994	2/1/1995	9/10/1995	3/8/1996	8/25/1996	2/2/1997	7/30/1997	1/9/1998	7/23/1998	2/2/1999	8/5/1999	
8/3/1994	RP #7 **	Nail in white wall	RP7	-	RP7	FRP2	-	BRP1.3	BRP1.3	*BRP3	*BRP3	???	BRP	-
8/25/1996	RP#12	cinder block wall at wrong house	-	-	-	-	RP1.3	-	-	-	-	-	-	-
2/2/1997	RP#14	PK nail in stump	-	-	-	-	-	FRP1.3	FRP1.3	FRP3	FRP3	???	FRP	-
		Line Number	A	A	A	A	B(offline)	A	A	A	A			
		Start of Line	VL	NEAR.RP7	base.fence	base.fence	sidewalk	base.RP7	base.RP8	ON.RP7	RP14	base.BRP	BRP	
		bearing	55°	-	56°	-	-	60°	68°	69°	68°			
* = new PK nail or other marker														
LOCATION Beach access in Lanikai off Mokulua Dr. between cross streets Onekea St and Aala St.														
1 LINE-UP A Beach Access sign at landward end of path and intersection of wall at seaward end of path with S wall of ramp														
1 LINE-UP B middle of beach access path														
1-2 LINE-UP off of S side of green metal hurricane fence and corner of house (90m SE of beach access)														
1-3 LINE-UP along vegetated wall between 3rd and 4th houses (N of beach access)														
HOR. REF. topmost telephone pole on Mokapu peninsula														
RP#1 Nail in the middle of the crease between the 1st and 2nd makai blocks on top of the low wall running along the N side of the access path														
RP#2 Intersection of lines forming the letter "K" on top of the sewer cover														
RP#3 North side of sleeve around northern pole of 2 at street entrance to beach access (ONLINE 8/94)														
RP#4 Nail, 30cm up, seaward-facing, sticking out of shorter telephone pole landward of Mokulua Dr														
RP#5 Nail in white line on seaward side of Mokulua Dr at northern side of access; 10cm N of white turtle on white line														
RP#6 Nail at 1.5m on seaward side of palm, 2m from green metal hurricane fence														
RP#7 Nail sticking out of SE side of low white brick wall, 1 brick from top of wall, 3" from seaward edge of wall. Wall is below large naupaka tree. Nail broke; replaced by PK on flag														
RP#8 "X" etched into concrete on seaward side of manhole, 2" from cover, in middle of beach access path														
RP#9 PK nail at corner of southern side of ramp and wall at seaward end of beach access														
RP#10 large railroad spike (very dark; diameter ~1") in seaward shoulder, seaward of white line, 39" from grate														
RP#11 small PK nail in SE corner of cement foot below green cyclone fence														
RP#12 cinder blocks at landward end of sidewalk between 2nd and 3rd houses N of beach access--WRONG LINE														
RP#13 PK nail on cement platform base of green fence at corner of fence; line up with fence extending to road and corner of house														
RP#14 PK nail on orange flag 2" from seaward side of stump (8.5" from landward side)														
RP#15 Top center of corner post of green metal hurricane fence														
GPS1 LNK1 = RP5; PK on white line														
GPS2 LNK2 = RP1; RP nail at SWD end of beach access on low wall flanking north side of ba between 1st and 2nd brick LWD of end														
NOTES:														
8/3/94 OLNK1-1 line-up was along the S side of the "box" at the end of the beach access path; line-up was defined by beach access sign and the corner of the seaward end of the path and the ramp onto the beach														
3/1/96 GPS Survey, LNK1, LNK2														
8/25/96 OLNK1-2 and OLNK1-3 were set up in the wrong place (off by at least one house in each case)														
* This site has not been corrected to the local tidal datum														
**Primary reference point:														
LINE 1-1 = RP10/BRP = 0														
LINE 1-2 = RP15 = 0 (7/97 - 7/99)														
LINE 1-3 = RP7/BRP1.3 = 0														