

VHON - Honokahua Bay
Fleming Beach

Date 1st used	HONOKAHUA BAY FLEMING BEACH VHON		Survey Dates					GPS				
			GPS 1/6/95	9/4/95	2/20/96	8/12/96	1/9/97	GPS 7/7/97	1/13/98	7/8/98	1/13/99	6/28/99
1/6/95	RP#1	Palm Tree (on)	RP1	RP2	-	-	-	-	-	-	-	-
1/6/95	RP#2**	Conifer (on)	RP2	RP3	FRP	FRP	FRP	FRP	FRP	FRP	FRP	FRP
1/6/95	RP#3	Post (on)	RP3	RP1	BRP	BRP	BRP	BRP	BRP	BRP	BRP	BRP
1/6/95	RP#4	SWD/S corner of concrete base of BBQ	RP4	-	SRP2	-	-	-	-	-	-	-
1/6/95	RP#5	Center of corner post (off)	RP5	-	-	-	-	-	-	-	-	-
1/6/95	RP#6	Base of wall, women's RRoom	RP6	RP5	LOST	-	-	-	-	-	-	-
1/6/95	RP#7	PK nail on palm by fence(off)	RP7	-	SRP3	MRP	-	MRP	MRP	MRP	-	MRP
9/4/95	RP#8	SWD/W cmr of RRoom platform	-	RP4	SRP	SRP	SRP	SRP	SRP	SRP	SRP	-
7/7/97	RP#9	Intersection of walkways by RR	-	-	-	-	-	GPS1	-	-	-	-
7/7/97	RP#10*	LNDWD corner of sidewalk in pkg.lot	-	-	-	-	-	GPS2	GPS	-	-	-
	Start of Line bearing		Indwd.pkg.lot 333°	base.BRP 333°	swd.RR 333°	swd.RR 333°	swd.pkg.lot 333°	swd.curb 340°		base.BRP -	sidewalk 345	edge of grass 342
* = new PK nail or other marker												
LOCATION:	From Honoapiilani Hwy, turn seaward onto Lower Honoapiilani HWY after the mile 31 marker. turn R at bottom of hill into parking lot to beach park											
LINE-UP:	FRP ironwood at dune crest, Ironwood at veg line and palm tree on R side of restrooms											
Hor.Ref:	N/SWD corner of restroom											
RP#1	PK at 1ft on NE side of palm 2m seaward of new restrooms (on line)											
RP#2	Nail 10" up on ironwood tree ~1m swd of 2nd cement post W on fence on dune and SW picnic table of 2, seaward of middle of new restroom											
RP#3	10th cement post E of handicapped access path leading to bathroom from pkg lot; 12th W from corner post (RP5); X-divot, top/cntr post.											
RP#4	Seaward/southwest corner of concrete base of BBQ on top of dune east of restroom											
RP#5	Top/center of low concrete post at SWD/E corner of parking lot at corner of fence											
RP#6	Intersection of swd/E corner of women's side restroom wal, red pavement, and grass at NW corner of wall surrounding old restrooms											
RP#7	PK nail on orange flag on palm tree 4m SWD of wood fence, 1m W of BRP post, 1.2m up W side of tree											
RP#8	X-divot in SWD/W corner of concrete path around new restrooms, ~1" from corner											
RP#9	GPS1=GCP.NN8A intersection of main path from RR to shower and small path to middle picnic table of 3. intersxn on swd and N side. (07/97)											
RP#10	GPS2=HON2: new PK on south mauka corner of path to lifeguard office in pkg lot (07/97)											
GPS	VH01: Temp. RP online (beach?) (1/6/95)											
GPS	VH02: undefined (1/16/95)											
GPS1	HON2: RP10 (7/7/97)											
GPS2	NN8A: RP9, GCP point (7/97)											
NOTES:	Setup: Just seaward of picnic tables next to BBQ: Check Visibility!!!!											
1/6/95	GPS Survey											
7/7/97	GPS Survey											
	GPS Position:	Longitude	Latitude	Elevation (meters above local tidal datum)								
	NN8A	-156.650955	21.004532	6.07								
	HON2	-156.650803	21.004375	3.698								
	*Primary GPS for elevation control: GPS2/RP10/HON2 = 3.698											
	**Primary reference point: FRP/RP2 = 6.637											