

OHAU- Hauula

Date first used	Hauula OHAU		Survey Dates										
			8/9/94	1/18/95	9/12/95	3/9/96	8/23/96	27/23/97	8/6/97	12/29/97	7/21/98	12/16/98	7/27/99
8/9/94	RP#1 **	Telephone pole (Indwd road)	RP1	RP1	BRP	BRP	BRP	BRP	BRP	BRP	BRP	BRP	BRP?
8/9/94	RP#2	Makai road (online)	RP2	-	-	-	-	-	-	-	-	-	-
8/9/94	RP#3	E Circular part of wall (nail top/center)	RP3	RP3	*RP7	-	-	-	-	-	-	-	-
8/9/94	RP#4A	Hau Tree, nail 1m up tree	RP4	-	-	-	-	-	-	-	FRP	-	-
8/9/94	RP#4A	Hau Tree, nail .8m up tree	-	RP4	-	-	-	-	-	-	-	-	-
8/9/94	RP#4B	Hau Tree, 1.3m up tree	-	-	FRP	FRP	FRP	FRP	-	-	-	-	-
8/9/94	RP#4C	Hau Tree, 1.2 m up tree	-	-	-	-	-	FRP	FRP	FRP	-	FRP	FRP?
8/9/94	RP#5 *	Shower border	RP5	-	RP5	SRP	SRP	SRP	SRP	SRP	SRP	SRP?	-
1/18/95	RP#6	PK in North corner of firepit - GPS2	-	GPS2	-	-	-	-	-	-	-	-	-
9/12/95	RP#7	North Circular part of wall (divot)	-	-	RP6	-	-	-	-	-	-	-	-
9/12/95	RP#8	N-most support post, guardrail	-	-	RP8	-	-	-	-	-	-	-	-
	Start of Line		base.BRP	swd.rd	swd.rd	swd.rd	base.FRP	Indwd.RD	base.BRP	swd.rd	base.BRP	BRP	FRP
	bearing, line 1-1		35°	-	35°	24°	35°	31°	48°	40°	50°	-	-
	bearing, line 1-2		-	-	46°	(62°)	-	-	-	-	-	-	-
* = new PK nail or other marker													
Location	Hauula Beach Park off Kam Hwy, south of bath house and north of stream bordering park.												
1-1 Line-up:	Line passes through vehicle access to beach park between park wall circular pillars (1m diameter).												
	Telephone pole on the landward side of the road and the Hau tree near middle of grassy area defines the profile line.												
1-2 Line-up:	Inline with southern edge of seawall fronting bath house.												
RP#1	Nail 1m up SWD side of Tel. pole (#454,154.640) on LNDWD side of Hwy. N of stream and across street from vehicle access to park.												
RP#2	Nail on seaward side of Hwy, across from telephone pole.												
RP#3	Headless nail top center of south pillar of vehicle beach access.												
RP#4A	Nail in seaward side of Hau tree near water faucet, .8m up tree												
RP#4B	Nail in seaward side of Hau tree near water faucet, 1.3m (52") up tree												
RP#5	Nail in crack of junction of two tiles around shower (forming circular concrete border) and path to drinking faucet.												
RP#6	PK 8cm from north corner of firepit near line, -- GPS2												
RP#7	Center divot of 5 on top, center of north pillar of vehicle beach access.												
RP#8	Top, center of middle support post 6" south of north end of guardrail, online												
GPS1	HAU1: RP5 - PK nail in shower border												
GPS2	HAU2: RP 6 - PK nail in north corner of firepit												
NOTES:													
1/18/95	GPS Survey												
7/27/99	No RP numbers referenced.												
Preliminary GPS Positions (no final adjustment)													
		Longitude	Latitude	Elevation (meters above local tidal datum)									
	HAU1	-157.910385	21.611216	2.278									
	HAU2	-157.909927	21.610874	4.315									
*Primary GPS for elevation control; RP5/GPS1? = 2.278													
**Primary reference point; RP1/BRP = 3.202													
NB: Large (2m) discrepancy between surveyed and GPSed elevations. This GPS data has not been adjusted to the network. Use position information with caution.													