

VMAA - Maalaea Harbor

Date 1st used	Maalaea Harbor VMAA		Survey Dates											
			1/3/95	9/5/95	2/21/96	8/14/96	1/10/97	7/8/97	1/15/98	6/11/98	7/7/98	1/14/99	6/28/99	3/12/99
1/3/95	RP#1	Sign ON	RP1	-	-	-	-	-	-	-	-	-	-	-
1/3/95	RP#2	W/SWD corner of BBQ platform ON	RP2	BBQ	MRP	BRP	-	BRP	BRP	BRP	BRP	BRP	BRP	BRP
1/3/95	RP#3 **	PK nail on SWD side of palm ON	RP3	FRP	FRP	FRP	FRP	FRP	FRP	FRP	FRP	FRP	FRP	FRP
1/3/95	RP#4	PK nail in E side of driveway ON	RP4	BRP	BRP	GPS	BRP	GPS2	GPS	-	GPS	-	-	GPS
1/3/95	RP#5	nail in tree E of line	RP5	SRP	SRP	SRP	SRP	SRP	SRP	-	-	-	SRP	SRP
	Start of Line		swd.pkg.lot	base.palm	fence	ON.BBQ	ON.BBQ	swd.pkg.lot	ON.RP4	ON.BBQ	swd.pkg.lot	makai edge p.lot	back of fence	atFRP
	bearing		140°	-	-	145°	147°	155°	142°	151°	154°	149	149	153
* = new PK nail or other marker														
location:	From Rte 30, turn onto Maalaea Rd at Buzz's Wharf. Go past harbor and turn S onto Hauoli St; go to end and park in lot for Haycraft Beach park													
LINE-UP	center of FRP palm and "PARKING" sign													
Hor.Ref:	FRP nail in palm													
RP#1	Top/center of blue "Parking for Beach Users Only" sign at seaward edge of parking lot													
RP#2	Round divot on W/SWD corner of concrete platform under landwardmost BBQ													
RP#3	PK nail on pink flag 0.9 m up palm tree on dune on SWD side of fence. 3rd palm west of access path along fence													
RP#4	PK nail in asphalt driveway where driveway meets parking lot, near E side of driveway, ~2 ft W of asphalt curb													
RP#5	PK nail in lower "V" of kiawe tree w/ rope swing E of profile line, west side of tree in depression at apex of "V"													
GPS1	VMA1(1/4/95); VMAA (1/12/95); online nail in parking lot by mauka parking stall, RP1, EDM # 0-4 (1/4/95)													
GPS2	VMA2: online parking lot; EDM #15-19?? RP4; (1/4/95)													
NOTES:														
1/3/95	RP2 (BBQ) seems to have been taken on the SWD/W corner of the TOP of the BBQ, not its platform as with all of the other dates.													
1/4/95	GPS Survey													
1/12/95	GPS Survey													
	**Primary reference point; RP3/FRP = 0 This profile is not yet tied into the GPS network													