### Survey Details

**OEWA - Ewa Beach Park**

- **Date first used**: 8/13/94
- **Survey Dates**: 1/27/95, 9/13/95, 3/15/96, 8/20/96, 8/5/97, 12/30/97, 5/26/98, 7/28/98, 1/27/99, 7/14/99

<table>
<thead>
<tr>
<th>Date</th>
<th>RP #</th>
<th>Description</th>
<th>Survey Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>8/16/94</td>
<td>RP #1</td>
<td>Nail in line with westmost goalpost.</td>
<td>FRP FRP1</td>
</tr>
<tr>
<td>8/16/94</td>
<td>RP #2</td>
<td>Basketball court corner on white line.</td>
<td>SRP2 SRP2</td>
</tr>
<tr>
<td>8/16/94</td>
<td>RP #3</td>
<td>Seaward Palm by basketball court.</td>
<td>SRP3</td>
</tr>
<tr>
<td>8/16/94</td>
<td>RP #4</td>
<td>Lightpost corner</td>
<td>BRP BRP4 LOST</td>
</tr>
<tr>
<td>8/16/94</td>
<td>RP #5</td>
<td>Mauka palm by picnic tables.</td>
<td>SRP5 SRP5</td>
</tr>
<tr>
<td>8/16/94</td>
<td>RP #6</td>
<td>Pavillion floor</td>
<td>SRP6</td>
</tr>
<tr>
<td>9/13/95</td>
<td>RP #7</td>
<td>Divot at lightpost center.</td>
<td>BRP7 BRP7 BRP7</td>
</tr>
<tr>
<td>8/16/94</td>
<td>RP #2</td>
<td>Nail on white line, center of goalposts.</td>
<td>FRP8</td>
</tr>
<tr>
<td>3/15/95</td>
<td>RP #8</td>
<td>nail, white line, center of goalposts</td>
<td>FRP9</td>
</tr>
<tr>
<td>2/27/96</td>
<td>RP #9</td>
<td>nail on parking lot curb.</td>
<td>GPS1</td>
</tr>
<tr>
<td>2/27/96</td>
<td>RP #10</td>
<td>nail on BB court at NE corner of line.</td>
<td>GPS2</td>
</tr>
<tr>
<td>8/5/97</td>
<td>RP #11</td>
<td>SE corner of pavilion platform.</td>
<td>GPS3</td>
</tr>
</tbody>
</table>

### Start of Line

<table>
<thead>
<tr>
<th>Bearing</th>
<th>Distance</th>
<th>Elevation (meters above local tidal datum)</th>
</tr>
</thead>
<tbody>
<tr>
<td>swd.edge.rd</td>
<td>155°</td>
<td>1.485</td>
</tr>
<tr>
<td>swd.pkg.lot</td>
<td>162°</td>
<td>1.427</td>
</tr>
<tr>
<td>swd.BBcourt</td>
<td>163°</td>
<td>1.427</td>
</tr>
<tr>
<td>edge.grass</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Notes:

- **Location**: Ewa Beach Park off Fort Weaver Road approx. 1 mile from Kaei Pt. and west side of entrance to Pearl Harbor.
- **Line-up**: Defined by westmost lightpost on seaward side of park parking lot and nail on white line centered between basket support poles on seaward side of court.
- **HOR. Ref.**: Knob on metal door behind BRP/RP7.
- **RP#1**: Nail at seaward edge of basketball court in line with most BB goalpost.
- **RP#2**: Nail on white line in east, landward corner of basketball court.
- **RP#3**: North facing nail 1m up most seaward palm on west side of basketball court 6m seaward of most seaward of 3 picnic tables.
- **RP#4**: Nail 2cm from southwest corner of concrete slab surrounding westmost lightpost on seaward side of parking lot. Not found 9/95.
- **RP#5**: West facing nail 50cm up in landwardmost palm in landwardmost clump of palms by table in middle of field. Approx. 30m from NE corner of BB court.
- **RP#6**: Divot on floor 2m in diagonally from southwest corner of concrete slab and 10cm seaward of base of west seawardmost pillar in pavilion on east side of park.
- **RP#7**: Center of 5 divots centered on seaward side of concrete base of westmost lightpost on seaward side of parking lot. Mark is directly below handle into panel.
- **RP#8**: PK Nail on flag on white line centered between basketball hoop support poles of seawardmost basketball hoop.
- **RP#9**: PK nail on seaward parking lot curb, online. 4’ from west-most light seaward of parking lot, inline w/ white line of 3rd parking space divider from west end. 3’ north of 5th square post from west end.
- **RP#10**: PK nail on the NE corner of BB Court at outside corner of white line, replaces SRP#2, which was lost when BB court was repainted.
- **RP#11**: SE seaward corner of concrete platform under restroom pavilion; corner is intersection of grass and dirt, from air photo survey.

### GPS Survey

<table>
<thead>
<tr>
<th>GPS Position</th>
<th>Longitude</th>
<th>Latitude</th>
<th>Elevation (meters above local tidal datum)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EWA1</td>
<td>-157.992371</td>
<td>21.314783</td>
<td>1.485</td>
</tr>
<tr>
<td>EWA2</td>
<td>-157.992081</td>
<td>21.314553</td>
<td>1.427</td>
</tr>
</tbody>
</table>

- **GPS Positon for elevation control**: RP10/GPS2/EWA2/SRP = 1.427

**Location**: Ewa Beach Park off Fort Weaver Road approx. 1 mile from Kaei Pt. and west side of entrance to Pearl Harbor.

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**GPS Survey**

- **GPS Position for elevation control**: RP10/GPS2/EWA2/SRP = 1.427

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